

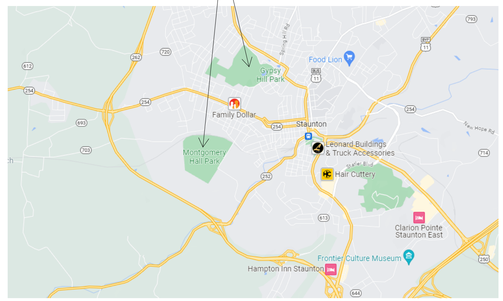
VICINITY MAP

THOMPSON & LITTON

EST. 1956

726 Auburn Avenue
Radford, Virginia 24141
P: (540) 633-1897, F: (540) 633-1896
www.T-L.com

PROJECT LOCATIONS



LOCATION MAP

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS

GYSPY HILL PARK AND MONTGOMERY HALL PARK IMPROVMENTS

600 CHURCHVILLE AVE AND 1000 MONTGOMERY AVE, STAUNTON, VA

PREPARED FOR

CITY OF STAUNTON

PROJECT DESCRIPTION:

PROJECT INCLUDES

- THE RENOVATION OF TWO EXISTING RESTROOMS AT GYPSY HILL PARK TO COMPLY WITH THE AMERICAN WITH DISABILITIES ACT AND THE CONSTRUCTION OF A NEW RESTROOM FACILITY.
- THE RENOVATION OF TWO RESTROOM BUILDINGS TO COMPLY WITH THE AMERICAN WITH DISABILITIES ACT AND ADDITION OF A RESTROOM AND SHOWER TO THE POOL HOUSE AT MONTGOMERY HILL PARK.
- BID ALTERNATE NO. 1: THE GYPSY HILL PUMP HOUSE IS A 3,970 SF HISTORIC BUILDING LOCATED IN THE CITY OF STAUNTON, VIRGINIA. THE SCOPE OF THIS PROJECT INCLUDES THE DEMOLITION OF A 560 SF ADDITION TO THE EXISTING BUILDING DUE TO THE DETERIORATION OF THE STRUCTURE AND THE COMPROMISED FOUNDATION. THE SCOPE ALSO INCLUDES REBUILDING A 520 SF ADDITION TO THE BUILDING WHICH INCLUDES NEW ADA RESTROOMS AND OFFICE SPACE.

CODES & REGULATIONS

2021 VIRGINIA EXISTING BUILDING CODE, (VEBC)
2021 VIRGINIA CONSTRUCTION CODE (VCC), PART 1 OF THE VIRGINIA UNIFORM STATEWIDE BUILDING CODE (VUSBC)
2017 ICC/ANSI A117.1 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES
2021 INTERNATIONAL BUILDING CODE
2021 VIRGINIA MECHANICAL CODE
2021 VIRGINIA PLUMBING CODE
2020 NFPA 70 NATIONAL ELECTRICAL CODE
2010 ADA STANDARDS FOR ACCESSIBLE DESIGN (ADAAG)

COMMONWEALTH OF VIRGINIA — M. ANDREW MONK — Lic. No. 050716 — 2/20/26 — PROFESSIONAL ENGINEER
FOR CIVIL ONLY

COMMONWEALTH OF VIRGINIA — KEITH A. ALMONEY — Lic. No.38285 — 2-20-2026 — PROFESSIONAL ENGINEER
FOR STRUCTURAL ONLY

COMMONWEALTH OF VIRGINIA — ERICA F. SUNSHINE — Lic No. 9129 — 02/20/2026 — ARCHITECT
FOR ARCHITECTURAL & LIFE SAFETY ONLY

COMMONWEALTH OF VIRGINIA — MICHAEL HUGH ELDER JR. — Lic No. 031140 — 2/20/26 — PROFESSIONAL ENGINEER
FOR ELECTRICAL ONLY

COMMONWEALTH OF VIRGINIA — STEVEN R. FARRIS — Lic. No. 035714 — 2/20/26 — PROFESSIONAL ENGINEER
FOR PLUMBING AND MECHANICAL ONLY

DOCUMENT DATE: 02/20/2026
ISSUED FOR BIDS: 05/01/2026
PROJECT NO.: 18861

Seal

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
GYSPY HILL PARK AND MONTGOMERY HALL PARK IMPROVMENTS
TITLE SHEET

No.	Date	Purpose of Document Issue

Designed	EFS
Drawn	KCF
Checked	EFS
Date	02/20/2026

Project No. 18861

THOMPSON & LITTON

Sheet No. G001

Date/Time: 5/1/2026 8:02:54 AM File Name: C:\Users\kathryn_foster\Documents\18861 Staunton Park Facilites Improvments Cover V25_kfosterWN9BB.rvt

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Seal
COMMONWEALTH OF VIRGINIA
ERICA F. SUNSHINE
Lic No. 9129
02/20/2026
ARCHITECT

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
GYSPY HILL PARK AND MONTGOMERY HALL PARK IMPROVMENTS

SHEET INDEX

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Designed	EFS
Drawn	KCF
Checked	EFS
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Project No.
18861

THOMPSON & LITTON

Sheet No.
G002

Date/Time: 3/11/2026 4:09:50 PM File Name: C:\Users\kathryn_foster\Documents\18861 Staunton Park Facilites Improvments Cover V25_kfosterWN9BB.rvt

THOMPSON
& LITTON

EST. 1956

726 Auburn Avenue
Radford, Virginia 24141
P: (540) 633-1897, F: (540) 633-1896
www.T-L.com

16472 GYPSY HILL PARK RESTROOM IMPROVEMENTS

600 CHURCHVILLE AVE, STAUNTON, VA

PREPARED FOR

CITY OF STAUNTON

PROJECT DESCRIPTION

THE RENOVATION OF TWO EXISTING RESTROOMS TO COMPLY WITH THE AMERICAN WITH DISABILITIES ACT AND THE CONSTRUCTION OF A NEW RESTROOM FACILITY.

COMMONWEALTH OF VIRGINIA
M. ANDREW MONK
Lic. No. 050716
2/20/26
PROFESSIONAL ENGINEER
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COMMONWEALTH OF VIRGINIA
KEITH A. ALMONE
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DOCUMENT DATE: 02/20/2026
ISSUED FOR BIDS: 05/01/2026

PROJECT NO.: 18861

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Seal

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
16472 GYPSY HILL PARK RESTROOM IMPROVEMENTS

TITLE SHEET

No.	Date	Purpose of Document Issue

Designed	EFS
Drawn	KCF
Checked	EFS
Date	02/20/2026

Project No.
18861

THOMPSON
& LITTON

Sheet No.
G003

Date/Time: 5/1/2026 8:03:47 AM File Name: C:\Users\kathryn_foster\Documents\18861 Gypsy Hill Park Restroom Renovation V25_kfosterWN9BB.rvt

GENERAL NOTES

1. FIELD SURVEYS TO PROVIDE PLANIMETRIC MAPPING WERE PERFORMED BY THOMPSON & LITTON RADFORD, VIRGINIA, IN 2022.
2. VERTICAL CONTROL IS BASED ON NAD 1988 DATUM.
3. HORIZONTAL CONTROL IS BASED UPON THE VIRGINIA STATE PLANE COORDINATE SYSTEM, NORTH ZONE (NAD 83).
4. THE EXISTENCE AND LOCATION OF EXISTING UTILITIES ARE NOT GUARANTEED AND SHALL BE INVESTIGATED AND FIELD VERIFIED BY THE CONTRACTOR BEFORE STARTING WORK. ANY DAMAGE DONE TO EXISTING UNDERGROUND UTILITIES AND FACILITIES SHALL BE REPAIRED WITH THE UTILITIES AND FACILITIES RESTORED TO AT LEAST THEIR ORIGINAL CONDITION. THE CONTRACTOR SHALL BEAR ALL COSTS ASSOCIATED WITH THESE REPAIRS.
5. THE CONTRACTOR SHALL CALL "VIRGINIA 811" 72 HOURS BEFORE EXCAVATION WORK HAS BEGUN. "VIRGINIA 811" MAY BE REACHED AT 811 OR 1–800–552–7001.
6. ALL DISTURBED AREAS SHALL BE GRADED TO MAINTAIN POSITIVE DRAINAGE TO ALL DRAINAGE STRUCTURES.
7. ALL UNPAVED AND UNGRAVELED AREAS DISTURBED BY EXCAVATION SHALL BE SEEDED.
8. THIS PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITION OF THE VIRGINIA DEPARTMENT OF TRANSPORTATION'S ROAD AND BRIDGE SPECIFICATIONS AND ROAD AND BRIDGE STANDARDS, AND THE CITY OF STAUNTON'S CONSTRUCTION STANDARDS, AS APPLICABLE.
9. THE CONTRACTOR SHALL INSTALL THE PUBLIC WATER AND SANITARY SEWER FACILITIES IN ACCORDANCE WITH THE THE CITY OF STAUNTON'S WATER AND SEWER DESIGN & CONSTRUCTION STANDARDS.
10. MINIMUM PIPE COVER FOR GRAVITY SEWER SHALL BE 2' – 6" UNLESS OTHERWISE INDICATED.
11. MINIMUM COVER FOR DRAINAGE PIPE SHALL BE 1' – 0" UNLESS OTHERWISE INDICATED.
12. MINIMUM COVER FOR WATER LINE SHALL BE 3' – 0" UNLESS OTHERWISE INDICATED.
13. SEWER SLOPES SHOWN ARE BASED ON THE HORIZONTAL DISTANCE BETWEEN THE CENTERLINE OF MANHOLES & CLEANOUTS.
14. WHERE GRAVITY SEWER LINES CROSS OVER OR UNDER DRAINAGE CULVERTS, A MINIMUM SEPARATION OF 1'–6" SHALL BE MAINTAINED.
15. PORTIONS OF THIS PROJECT ARE LOCATED WITHIN A FEMA DESIGNATED 100–YEAR FLOOD ZONE (FIRM # 51015C0337D), HOWEVER, NO IMPACTS ARE FORESEEN. CONSTRUCTION ACTIVITIES WITHIN THE FLOOD ZONE ARE EITHER DEMOLITION OR RENOVATION AND SHALL NOT IMPACT EXISTING CONDITIONS. NO ELEVATION STUDY WAS PERFORMED AS A PART OF THIS PROJECT.
16. THE CONTRACTOR SHALL PROVIDE AN AS–BUILT RECORD DRAWING WITHIN THE LIMITS OF DISTURBANCE FOLLOWING SUBSTANTIAL COMPLETION. THE AFOREMENTIONED AS–BUILTS SHALL BE PROVIDED TO THE OWNER AND ENGINEER FOR THEIR REVIEW.
17. ALL FINAL PAVEMENT PATCHES AND OVERLAYS SHALL MEET VDOT SPECIFICATIONS FOR PAVEMENT REPLACEMENT.
18. ROTARY BROOM EQUIPMENT SHALL BE ON THE PROJECT SITE AND THE ROADWAY SHALL BE SWEPT DAILY.
19. WHEN "CLEATED (TRACK MOUNTED) EQUIPMENT" IS USED DURING CONSTRUCTION, THE PAVEMENT MUST BE PROTECTED BY EITHER VDOT NO. 9 OR NO. 10 AGGREGATE OR OTHER VDOT APPROVED MEANS. ALL EQUIPMENT OUTRIGGERS SHALL HAVE RUBBER PADS FOR USE ON PAVED SURFACES.
20. SHOULDER RE–GRADING AND REPAIRS SHALL BE PERFORMED DAILY. ALL SHOULDERS DISTURBED BY INSTALLATION OF WATERLINE MUST BE RE–GRADED TO SLOPE AWAY FROM THE PAVED SURFACE AT A SLOPE OF 3/4" PER FOOT AND STABILIZED WITH VDOT TYPE 1, NO. 21A OR 21B AGGREGATE AT 2" MINIMUM DEPTH.
21. PATCHING OF ASPHALT ON CONSTITUTIONAL DRIVE SHALL BE PERFORMED THE SAME DAY AS THE PAVEMENT IS DISTURBED. AS SETTLEMENT OCCURS, THE CONTRACTOR SHALL REPAIR THESE AREAS. PATCH ASPHALT WHEN WATER LINE AND GRAVITY SEWER IS INSTALLED IN THE ROAD AS ILLUSTRATED ON THE PLANS.
22. WHERE PAVEMENT RESTORATION IS REQUIRED THE CONTRACTOR SHALL PROVIDE BASE, INTERMEDIATE AND SURFACE LIFTS CONSISTENT WITH THE EXISTING PAVEMENT STRUCTURE.
23. PAVEMENT REMOVAL SHALL BE ACCOMPLISHED BY SAW–CUTTING.

GENERAL EROSION & SEDIMENT CONTROL NOTES

ES–1. UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION & SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE "VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK" (VESCH), VIRGINIA EROSION AND SEDIMENT CONTROL REGULATIONS (9VAC25–840–60).

ES–2. THE PLAN APPROVING AUTHORITY MUST BE NOTIFIED ONE WEEK PRIOR TO THE PRE–CONSTRUCTION CONFERENCE, TWO WEEKS PRIOR TO THE COMMENCEMENT OF LAND DISTURBING ACTIVITY, AND TWO WEEKS PRIOR TO THE FINAL INSPECTION.

ES–3. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE PLACED PRIOR TO OR AS THE FIRST STEP IN CLEARING.

ES–4. PRIOR TO COMMENCING LAND DISTURBING ACTIVITIES IN AREAS OTHER THAN INDICATED ON THESE PLANS (INCLUDING, BUT NOT LIMITED TO, OFF–SITE BORROW OR WASTE AREAS), THE CONTRACTOR SHALL SUBMIT A SUPPLEMENTARY EROSION CONTROL PLAN TO THE OWNER FOR REVIEW AND APPROVAL BY THE PLAN APPROVING AUTHORITY.

ES–5. INSTALL ADDITIONAL EROSION CONTROL MEASURES AS REQUIRED TO PREVENT SEDIMENT LADEN RUNOFF FROM LEAVING THE SITE, AND AS DETERMINED BY THE PLAN APPROVING AUTHORITY OR ENGINEER.

ES–6. ALL DISTURBED AREAS SHALL DRAIN TO APPROVED SEDIMENT CONTROL MEASURES AT ALL TIMES DURING LAND DISTURBING ACTIVITIES AND DURING SITE DEVELOPMENT UNTIL FINAL STABILIZATION IS ACHIEVED.

ES–7. DURING DEWATERING OPERATIONS, WATER SHALL BE PUMPED INTO AN APPROVED FILTERING DEVICE.

ES–8. THE CONTRACTOR SHALL INSPECT ALL EROSION AND SEDIMENT CONTROL FACILITIES PERIODICALLY AND AFTER EACH RUNOFF – PRODUCING RAINFALL EVENT. ANY NECESSARY REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF THE EROSION AND SEDIMENT CONTROL FACILITIES SHALL BE MADE IMMEDIATELY. RECORDS OF ALL INSPECTIONS AND REPAIRS MADE TO EROSION AND SEDIMENT CONTROL FACILITIES SHALL BE MAINTAINED BY THE CONTRACTOR.

ES–9. THE RESPONSIBLE LAND DISTURBER SHALL INSPECT EROSION AND SEDIMENT CONTROL DEVICES AND MEASURES FOR PROPER INSTALLATION AND DEFICIENCIES IMMEDIATELY AFTER EACH RAINFALL; AT LEAST DAILY DURING PROLONGED RAINFALL, AND WEEKLY WHEN NO RAINFALL EVENTS OCCUR.

ES–10. STORE EXCAVATED TOPSOIL IN TOPSOIL STOCKPILES WITHIN THE LIMITS OF CONSTRUCTION WITH SILT FENCE ON THE DOWN SLOPE SIDE IN ACCORDANCE WITH VESCH (LATEST EDITION).

ES–11. ALL DISTURBED AREAS NOT OTHERWISE HARDSCAPED AND STABILIZED ARE TO BE SEEDED IN ACCORDANCE WITH THE SPECIFICATIONS AND THE VESCH (LATEST EDITION).

ES–12. SEED AND MULCH ALL SOIL STOCKPILES AND MATERIALS LEFT UNDISTURBED IN ACCORDANCE WITH VESCH (LATEST EDITION).

ES–13. WHEN TRENCHING FOR UNDERGROUND UTILITIES, ALL EXCAVATED MATERIAL TO BE UTILIZED FOR BACKFILL SHALL BE STORED IMMEDIATELY UP SLOPE OF THE OPEN TRENCH.

LEGEND

EXISTING	NEW	DESCRIPTION
340	340	CONTOUR
+ 54.50	+ 54.50	SPOT ELEVATION
		BUILDING
△ TBM		BENCHMARK
		PROPERTY BOUNDARY
		ASPHALT PAVEMENT
		CONCRETE
		GRAVEL
	RD	ROOFDRAIN
W	W	WATER
⊗	⋈	BALL VALVE
Ⓦ	●	WATER METER
⌀		YARD HYDRANT
S	S	SANITARY SEWER
○		MANHOLE
	C.O.	CLEANOUT
		STORM DRAIN
		STORM STRUCTURE
UGE		UNDERGROUND ELECTRICAL
OHE		OVERHEAD ELECTRICAL
		FENCE
□		POWER POLE
	LOD	LIMITS OF DISTURBANCE
		EDGE OF WATER

EROSION & SEDIMENT CONTROL LEGEND

SYMBOL	DESCRIPTION
— X — X — SF 105	SILT FENCE
TO 130	TOPSOILING
TS 131	TEMPORARY SEEDING
PS 132	PERMANENT SEEDING
MU 135	MULCHING

CE-1 (3.02 C) — E&S ITEM NUMBER; E&S DETAIL NUMBER; DETAIL SHEET NUMBER

PROPERTY INFORMATION

OWNER:	CITY OF STAUNTON
OWNER ADDRESS:	PO BOX 58, STAUNTON, VA 24402
ZONING:	R4
TAX MAP ID:	9115
PARCEL AREA:	136.105 ACRES

COMMONWEALTH OF VIRGINIA
M. ANDREW MONK
Lic. No. 050716
2/20/26
PROFESSIONAL ENGINEER

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
GYPSY HILL PARK RESTROOM IMPROVEMENTS

GENERAL NOTES, EROSION & SEDIMENT CONTROL NOTES & LEGENDS

No.	Date	Purpose of Document Issue

Designed	JWS/ACM
Drawn	JWS/ACM
Checked	MAM
Date	2/20/2026

Project No. 18861

THOMPSON & LITTON

Sheet No. C001

SANITARY SEWER STRUCTURE TABLE

SMX1286	SMH TOP = 1456.28' INV 12" RCP = 1453.60' (IN) INV 12" RCP = 1453.46' (OUT)
SMX1287	SMH TOP = 1456.28' BOLTED NO INVERTS TAKEN

ZONE X (MINIMAL HAZARD)
ZONE AE (100 YR)

FLOOD ZONE (TYPICAL)

12" CMP

ROCK WALL

12" RCP

SMX1287

SMX1286

BRIDGE

CONSTITUTION DRIVE

ROCK WALL

CONC. WALK

CONC. WALK

RESTROOM
FFE = 1456.72

CONCESSIONS BUILDING

LIMITS OF DISTURBANCE = 1,114 S.F.

GRAVEL DRIVE

CONC. WALK

CONC. WALK

(3) PICNIC TABLES CONCRETE PAD

BASEBALL OUTFIELD FENCE

CONCRETE STRUCTURE

GRAPHIC SCALE
5' 0 2.5' 5' 10'
(IN FEET)
1" = 5'
CONTOUR INTERVAL = 1'

COMMONWEALTH OF VIRGINIA
M. ANDREW MONK
Lic. No. 050716
2/20/26
PROFESSIONAL ENGINEER

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
GYPSY HILL PARK RESTROOM IMPROVEMENTS

CONCESSIONS RESTROOM EXISTING SITE PLAN

No.	Date	Purpose of Document Issue

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Drawn	JWS/ACM
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18861

THOMPSON & LITTON

Sheet No.
C101

MATCH LINE SHEET C102A

MATCH LINE SHEET C102B

END OF INFORMATION

FLOOD ZONE (TYPICAL)

SHADED ZONE X (500 YR) ZONE X (MINIMAL HAZARD)

CONSTITUTION DRIVE

WOOD RAILS (TYP. OF 5)

GRAVEL

SHELTER

LIMITS OF DISTURBANCE = 3,410 S.F.

GRAPHIC SCALE

5' 0 2.5' 5' 10'

(IN FEET)
1" = 5'

CONTOUR INTERVAL = 1'

COMMONWEALTH OF VIRGINIA
M. ANDREW MONK
Lic. No. 050716
2/20/26
PROFESSIONAL ENGINEER

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
GYPSY HILL PARK RESTROOM IMPROVEMENTS

NORTH RESTROOM EXISTING SITE PLAN

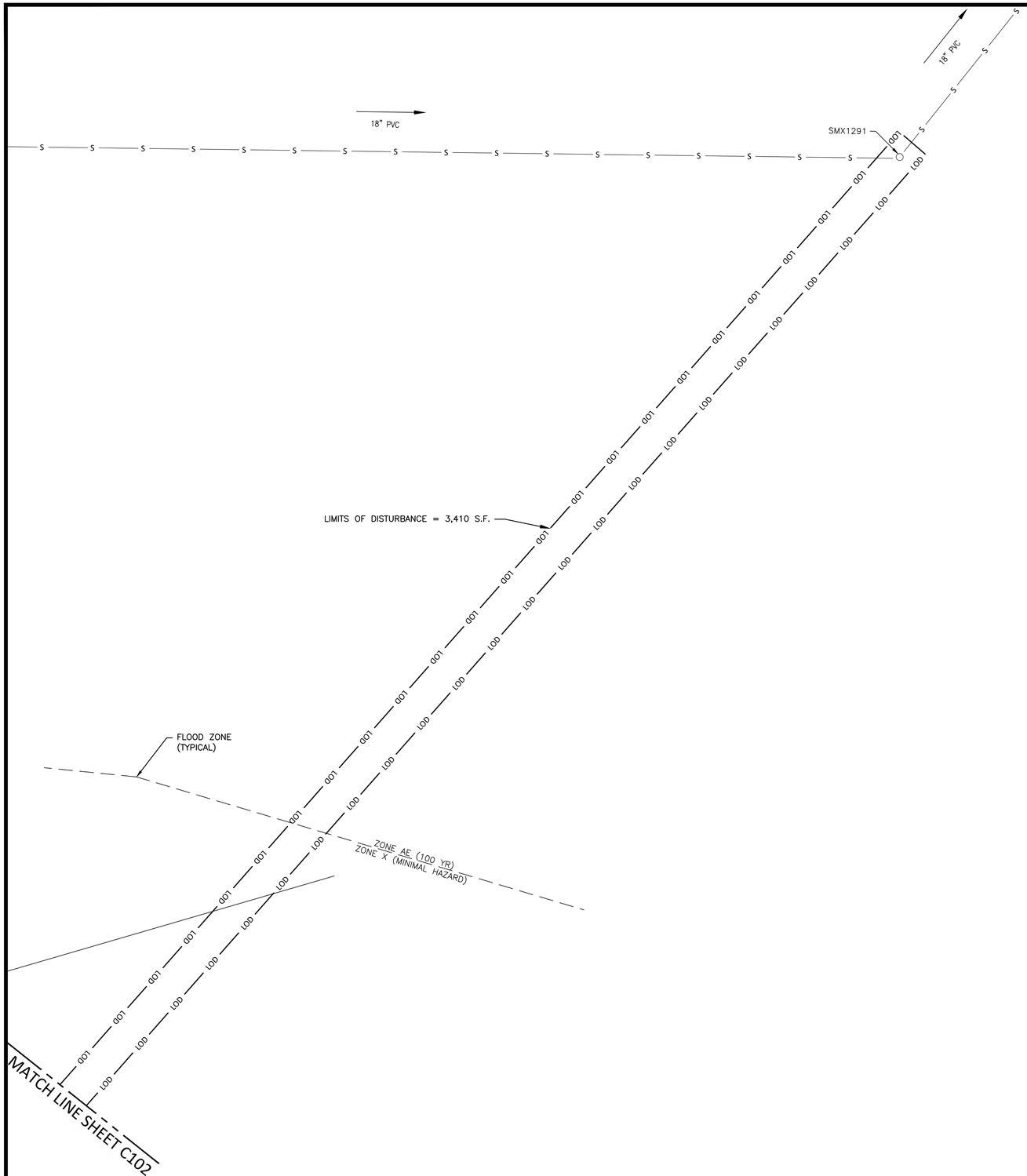
No.	Date	Purpose of Document Issue

Designed	JWS/ACM
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Project No.
18861

THOMPSON & LITTON

Sheet No.
C102



SANITARY SEWER STRUCTURE TABLE

	SMH
SMX1291	TOP = 1464.68' INV. IN 18" PVC = 1458.63' INV. OUT 18" PVC = 1458.57' INV. IN 4" PVC = 1459.00' (NEW)

GRAPHIC SCALE

5' 0 2.5' 5' 10'

(IN FEET)
1" = 5'

CONTOUR INTERVAL = 1'

COMMONWEALTH OF VIRGINIA
M. ANDREW MONK
Lic. No. 050716
2/20/26
PROFESSIONAL ENGINEER

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
GYPSY HILL PARK RESTROOM IMPROVEMENTS

NORTH RESTROOM
EXISTING SITE PLAN CONT'D.

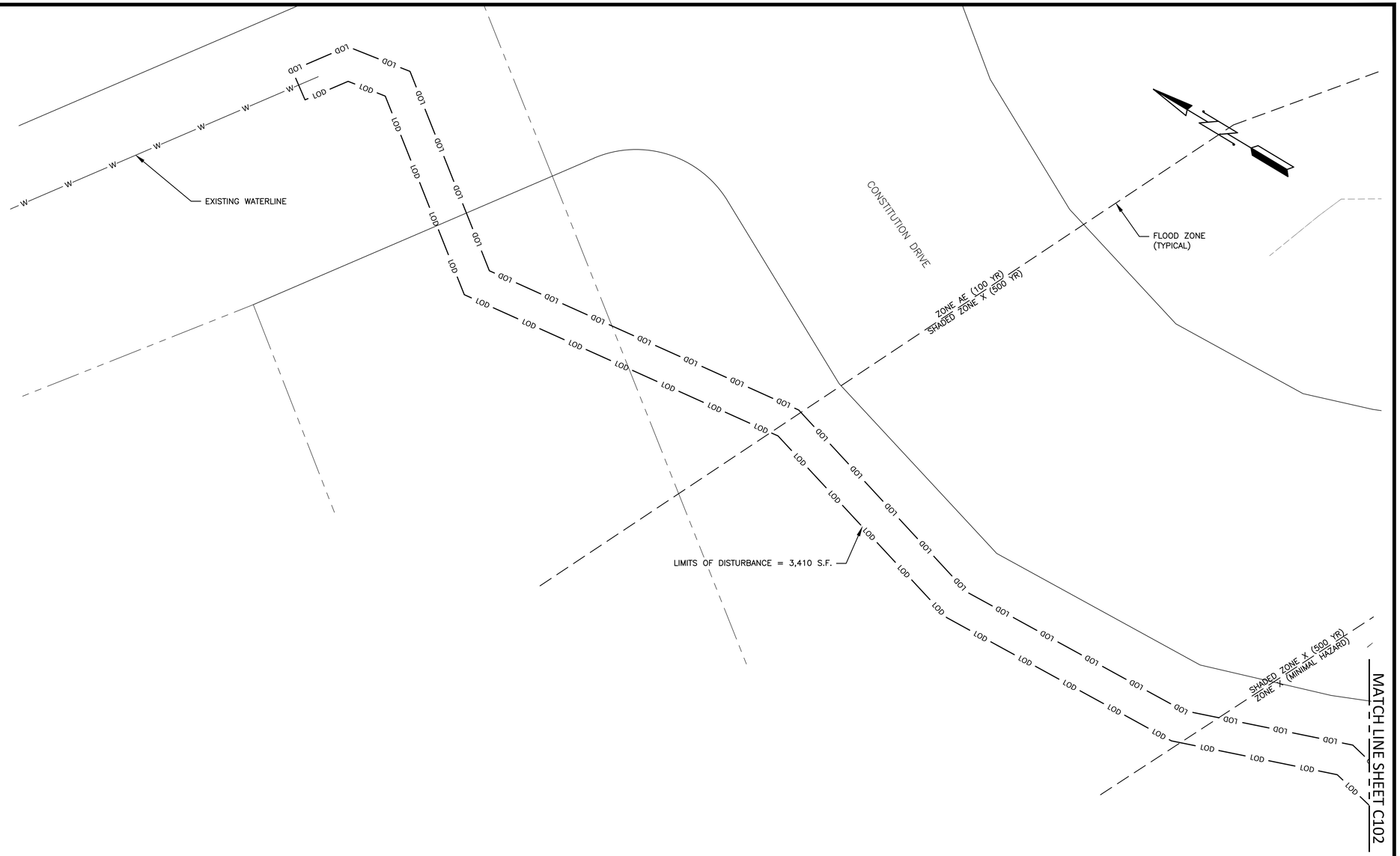
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18861

THOMPSON
& LITTON

Sheet No.
C102A



GRAPHIC SCALE

5' 0 2.5' 5' 10'

(IN FEET)

1" = 5'

CONTOUR INTERVAL = 1'

COMMONWEALTH OF VIRGINIA
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Lic. No. 050716
2/20/26
PROFESSIONAL ENGINEER

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
GYPSY HILL PARK RESTROOM IMPROVEMENTS

NORTH RESTROOM
EXISTING SITE PLAN CONT'D.

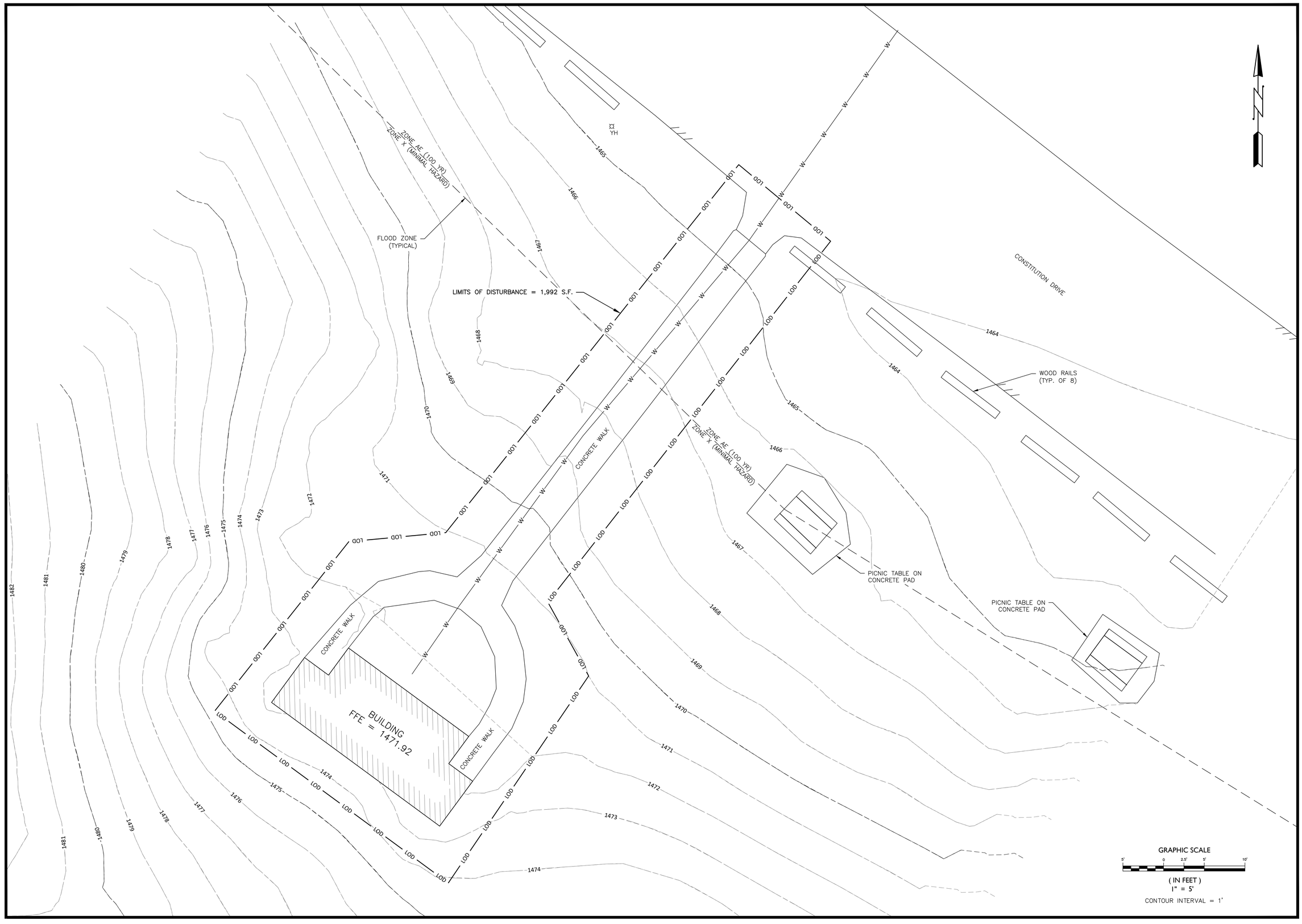
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18861

THOMPSON
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Sheet No.
C102B



COMMONWEALTH OF VIRGINIA
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2/20/26
PROFESSIONAL ENGINEER

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
GYPSY HILL PARK RESTROOM IMPROVEMENTS

EXISTING NORTH RESTROOM
EXISTING SITE PLAN

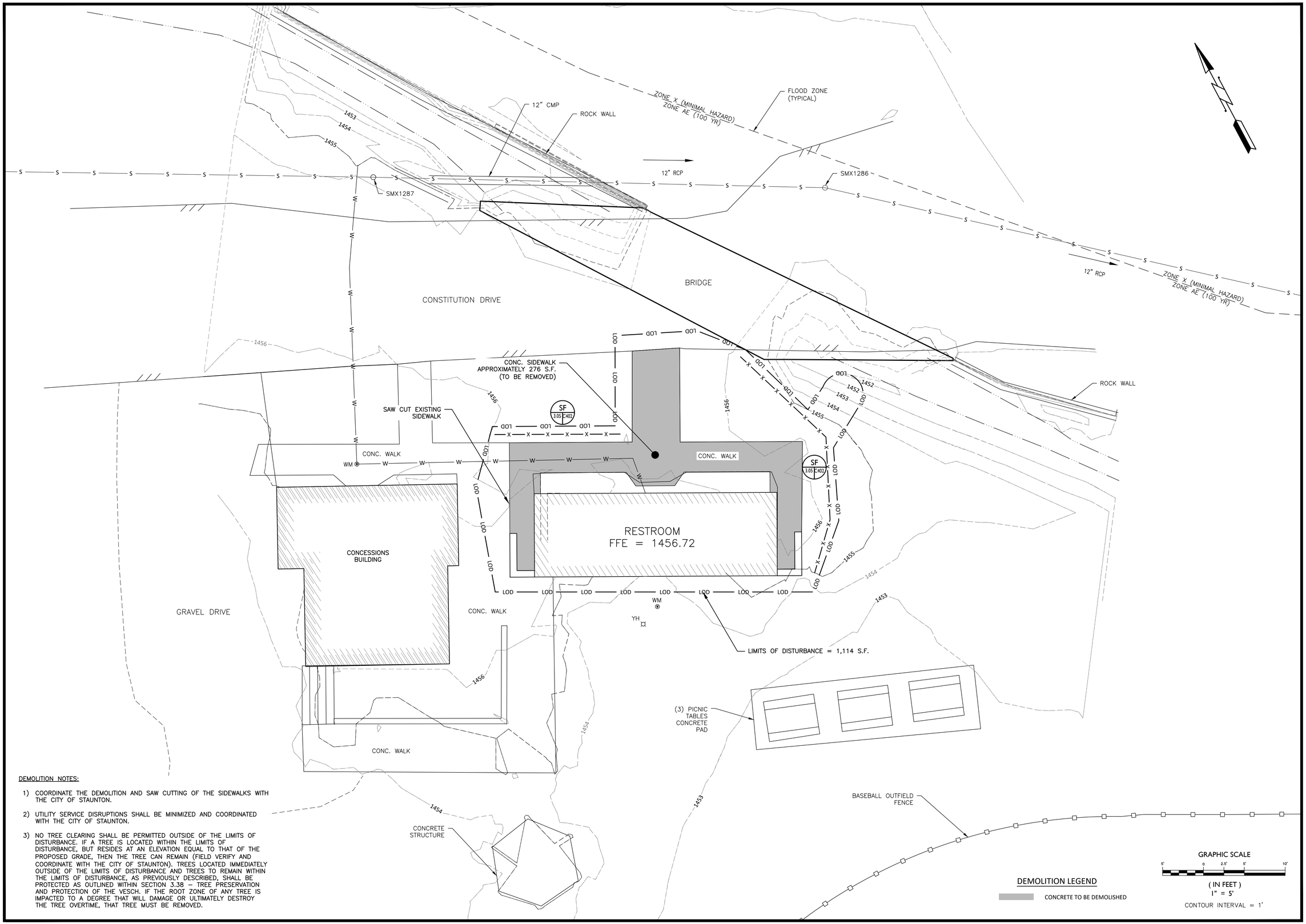
No.	Date	Purpose of Document Issue

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Checked	MAM
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Project No.
18861

THOMPSON & LITTON

Sheet No.
C103



DEMOLITION NOTES:

1) COORDINATE THE DEMOLITION AND SAW CUTTING OF THE SIDEWALKS WITH THE CITY OF STAUNTON.

2) UTILITY SERVICE DISRUPTIONS SHALL BE MINIMIZED AND COORDINATED WITH THE CITY OF STAUNTON.

3) NO TREE CLEARING SHALL BE PERMITTED OUTSIDE OF THE LIMITS OF DISTURBANCE. IF A TREE IS LOCATED WITHIN THE LIMITS OF DISTURBANCE, BUT RESIDES AT AN ELEVATION EQUAL TO THAT OF THE PROPOSED GRADE, THEN THE TREE CAN REMAIN (FIELD VERIFY AND COORDINATE WITH THE CITY OF STAUNTON). TREES LOCATED IMMEDIATELY OUTSIDE OF THE LIMITS OF DISTURBANCE AND TREES TO REMAIN WITHIN THE LIMITS OF DISTURBANCE, AS PREVIOUSLY DESCRIBED, SHALL BE PROTECTED AS OUTLINED WITHIN SECTION 3.38 – TREE PRESERVATION AND PROTECTION OF THE VESCH. IF THE ROOT ZONE OF ANY TREE IS IMPACTED TO A DEGREE THAT WILL DAMAGE OR ULTIMATELY DESTROY THE TREE OVERTIME, THAT TREE MUST BE REMOVED.

DEMOLITION LEGEND

CONCRETE TO BE DEMOLISHED

GRAPHIC SCALE

5' 0 2.5' 5' 10'

(IN FEET)
1" = 5'

CONTOUR INTERVAL = 1'

COMMONWEALTH OF VIRGINIA
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Lic. No. 050716
2/20/26
PROFESSIONAL ENGINEER

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
GYPSY HILL PARK RESTROOM IMPROVEMENTS

CONCESSIONS RESTROOM DEMOLITION PLAN

No.	Purpose of Document Issue	Date

Designed	JWS/ACM
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Project No.
18861

THOMPSON & LITTON

Sheet No.
C201

DEMOLITION NOTES:

1) NEW WATER AND SEWER LINES WILL NEED TO BE RUN TO THE NEW BATHROOM BUILDING. (SEE PLAN SHEET C302 FOR REFERENCE)

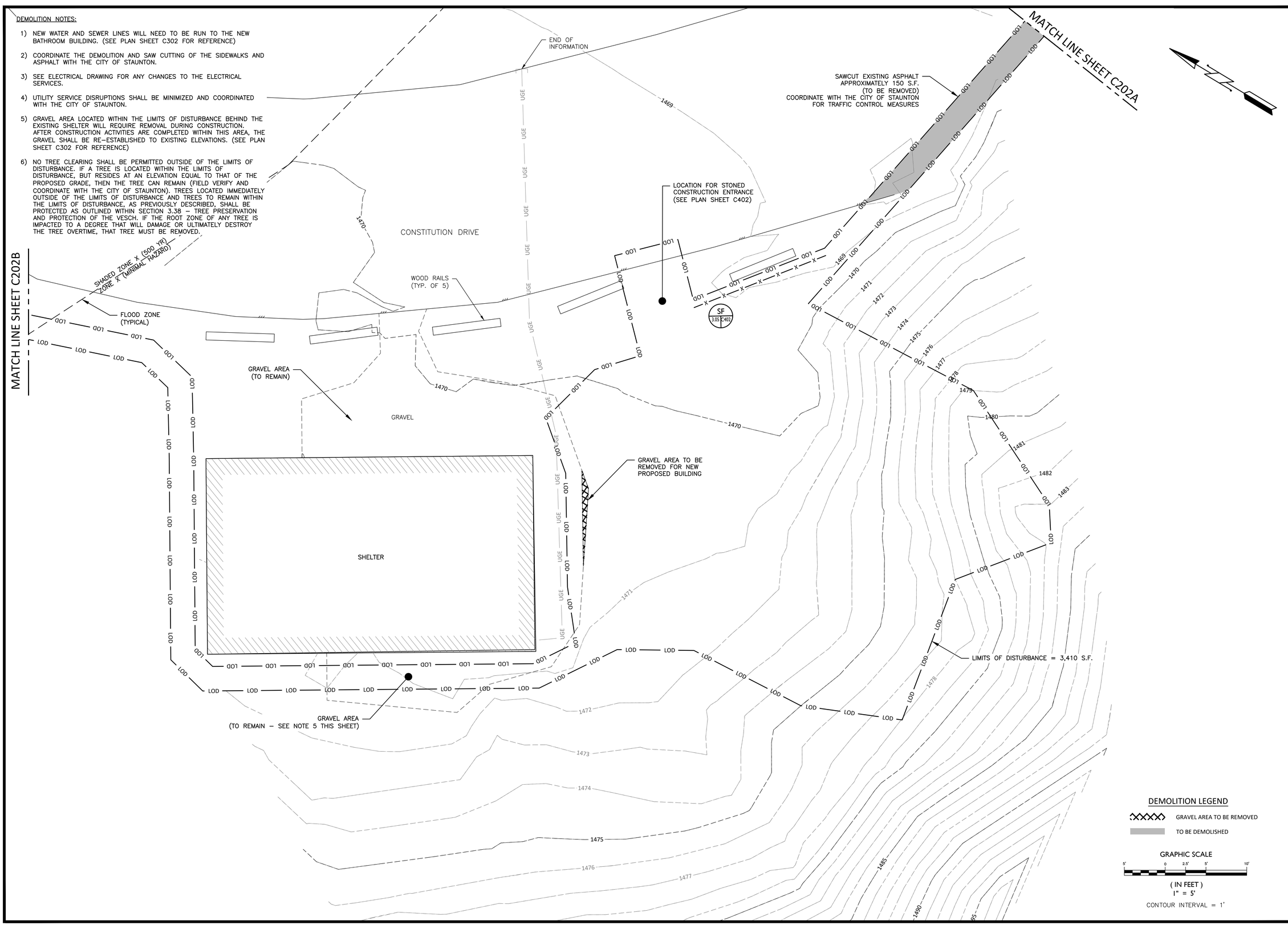
2) COORDINATE THE DEMOLITION AND SAW CUTTING OF THE SIDEWALKS AND ASPHALT WITH THE CITY OF STAUNTON.

3) SEE ELECTRICAL DRAWING FOR ANY CHANGES TO THE ELECTRICAL SERVICES.

4) UTILITY SERVICE DISRUPTIONS SHALL BE MINIMIZED AND COORDINATED WITH THE CITY OF STAUNTON.

5) GRAVEL AREA LOCATED WITHIN THE LIMITS OF DISTURBANCE BEHIND THE EXISTING SHELTER WILL REQUIRE REMOVAL DURING CONSTRUCTION. AFTER CONSTRUCTION ACTIVITIES ARE COMPLETED WITHIN THIS AREA, THE GRAVEL SHALL BE RE-ESTABLISHED TO EXISTING ELEVATIONS. (SEE PLAN SHEET C302 FOR REFERENCE)

6) NO TREE CLEARING SHALL BE PERMITTED OUTSIDE OF THE LIMITS OF DISTURBANCE. IF A TREE IS LOCATED WITHIN THE LIMITS OF DISTURBANCE, BUT RESIDES AT AN ELEVATION EQUAL TO THAT OF THE PROPOSED GRADE, THEN THE TREE CAN REMAIN (FIELD VERIFY AND COORDINATE WITH THE CITY OF STAUNTON). TREES LOCATED IMMEDIATELY OUTSIDE OF THE LIMITS OF DISTURBANCE AND TREES TO REMAIN WITHIN THE LIMITS OF DISTURBANCE, AS PREVIOUSLY DESCRIBED, SHALL BE PROTECTED AS OUTLINED WITHIN SECTION 3.38 – TREE PRESERVATION AND PROTECTION OF THE VESCH. IF THE ROOT ZONE OF ANY TREE IS IMPACTED TO A DEGREE THAT WILL DAMAGE OR ULTIMATELY DESTROY THE TREE OVERTIME, THAT TREE MUST BE REMOVED.



DEMOLITION LEGEND

GRAVEL AREA TO BE REMOVED

TO BE DEMOLISHED

GRAPHIC SCALE

5' 0 2.5' 5' 10'

(IN FEET)
1" = 5'

CONTOUR INTERVAL = 1'

COMMONWEALTH OF VIRGINIA
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2/20/26
PROFESSIONAL ENGINEER

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
GYPSY HILL PARK RESTROOM IMPROVEMENTS

NORTH RESTROOM DEMOLITION PLAN

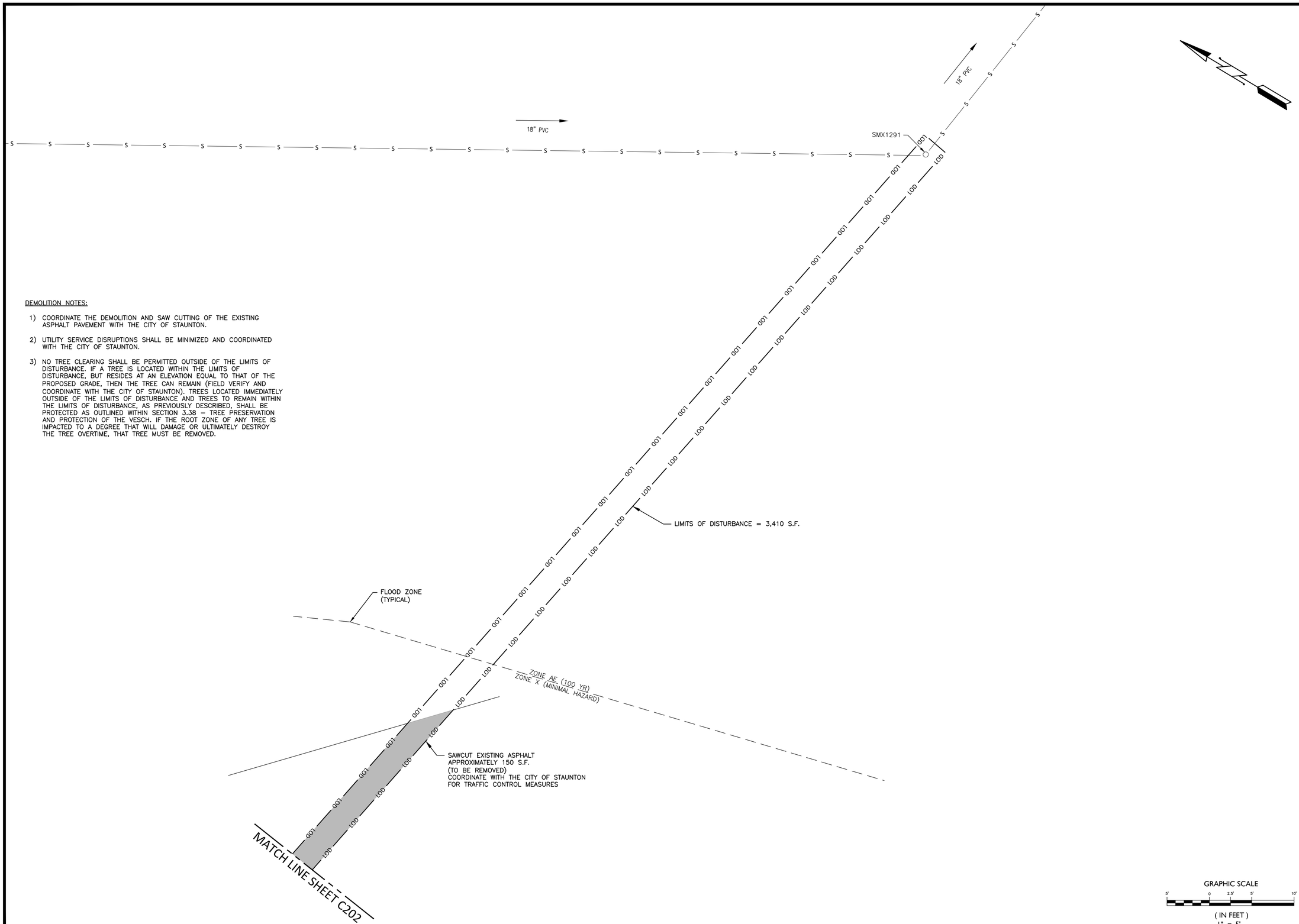
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Project No.
18861

THOMPSON & LITTON

Sheet No.
C202



DEMOLITION NOTES:

1) COORDINATE THE DEMOLITION AND SAW CUTTING OF THE EXISTING ASPHALT PAVEMENT WITH THE CITY OF STAUNTON.

2) UTILITY SERVICE DISRUPTIONS SHALL BE MINIMIZED AND COORDINATED WITH THE CITY OF STAUNTON.

3) NO TREE CLEARING SHALL BE PERMITTED OUTSIDE OF THE LIMITS OF DISTURBANCE. IF A TREE IS LOCATED WITHIN THE LIMITS OF DISTURBANCE, BUT RESIDES AT AN ELEVATION EQUAL TO THAT OF THE PROPOSED GRADE, THEN THE TREE CAN REMAIN (FIELD VERIFY AND COORDINATE WITH THE CITY OF STAUNTON). TREES LOCATED IMMEDIATELY OUTSIDE OF THE LIMITS OF DISTURBANCE AND TREES TO REMAIN WITHIN THE LIMITS OF DISTURBANCE, AS PREVIOUSLY DESCRIBED, SHALL BE PROTECTED AS OUTLINED WITHIN SECTION 3.38 – TREE PRESERVATION AND PROTECTION OF THE VESCH. IF THE ROOT ZONE OF ANY TREE IS IMPACTED TO A DEGREE THAT WILL DAMAGE OR ULTIMATELY DESTROY THE TREE OVERTIME, THAT TREE MUST BE REMOVED.

GRAPHIC SCALE

5' 0 2.5' 5' 10'

(IN FEET)

1" = 5'

CONTOUR INTERVAL = 1'

COMMONWEALTH OF VIRGINIA
M. ANDREW MONK
Lic. No. 050716
2/20/26
PROFESSIONAL ENGINEER

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
GYPSY HILL PARK RESTROOM IMPROVEMENTS

NORTH RESTROOM DEMOLITION PLAN CONT'D.

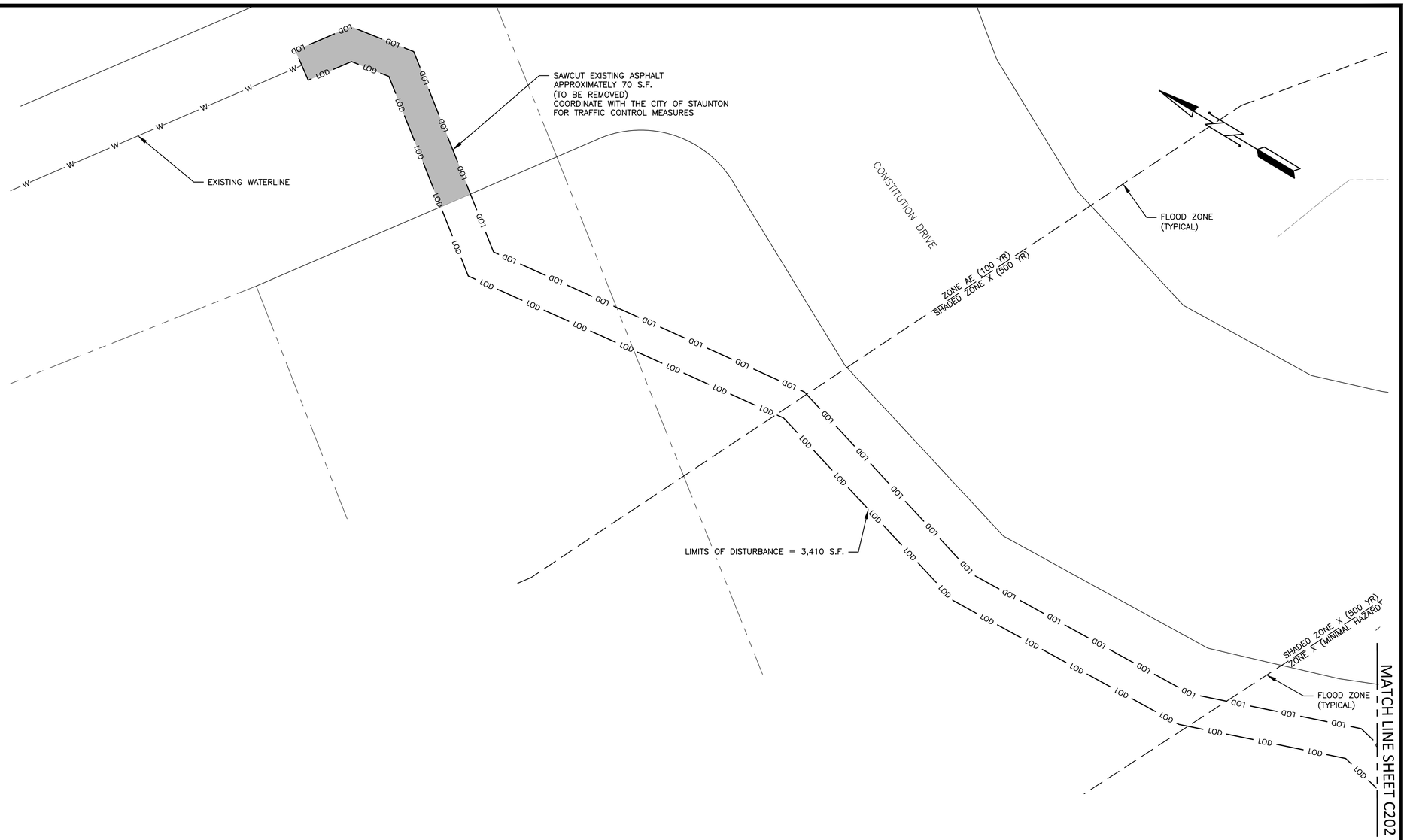
No.	Date	Purpose of Document Issue

Designed	JWS/ACM
Drawn	JWS/ACM
Checked	MAM
Date	2/20/2026

Project No.
18861

THOMPSON & LITTON

Sheet No.
C202A



DEMOLITION NOTES:

1) COORDINATE THE DEMOLITION AND SAW CUTTING OF THE EXISTING ASPHALT PAVEMENT WITH THE CITY OF STAUNTON.

2) UTILITY SERVICE DISRUPTIONS SHALL BE MINIMIZED AND COORDINATED WITH THE CITY OF STAUNTON.

3) NO TREE CLEARING SHALL BE PERMITTED OUTSIDE OF THE LIMITS OF DISTURBANCE. IF A TREE IS LOCATED WITHIN THE LIMITS OF DISTURBANCE, BUT RESIDES AT AN ELEVATION EQUAL TO THAT OF THE PROPOSED GRADE, THEN THE TREE CAN REMAIN (FIELD VERIFY AND COORDINATE WITH THE CITY OF STAUNTON). TREES LOCATED IMMEDIATELY OUTSIDE OF THE LIMITS OF DISTURBANCE AND TREES TO REMAIN WITHIN THE LIMITS OF DISTURBANCE, AS PREVIOUSLY DESCRIBED, SHALL BE PROTECTED AS OUTLINED WITHIN SECTION 3.38 – TREE PRESERVATION AND PROTECTION OF THE VESCH. IF THE ROOT ZONE OF ANY TREE IS IMPACTED TO A DEGREE THAT WILL DAMAGE OR ULTIMATELY DESTROY THE TREE OVERTIME, THAT TREE MUST BE REMOVED.

GRAPHIC SCALE

5' 0 2.5' 5' 10'

(IN FEET)
1" = 5'

CONTOUR INTERVAL = 1'

COMMONWEALTH OF VIRGINIA
M. ANDREW MONK
Lic. No. 050716
2/20/26
PROFESSIONAL ENGINEER

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
GYPSY HILL PARK RESTROOM IMPROVEMENTS

NORTH RESTROOM DEMOLITION PLAN CONT'D.

No.	Date	Purpose of Document Issue

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Date	2/20/2026

Project No.
18861

THOMPSON & LITTON

Sheet No.
C202B

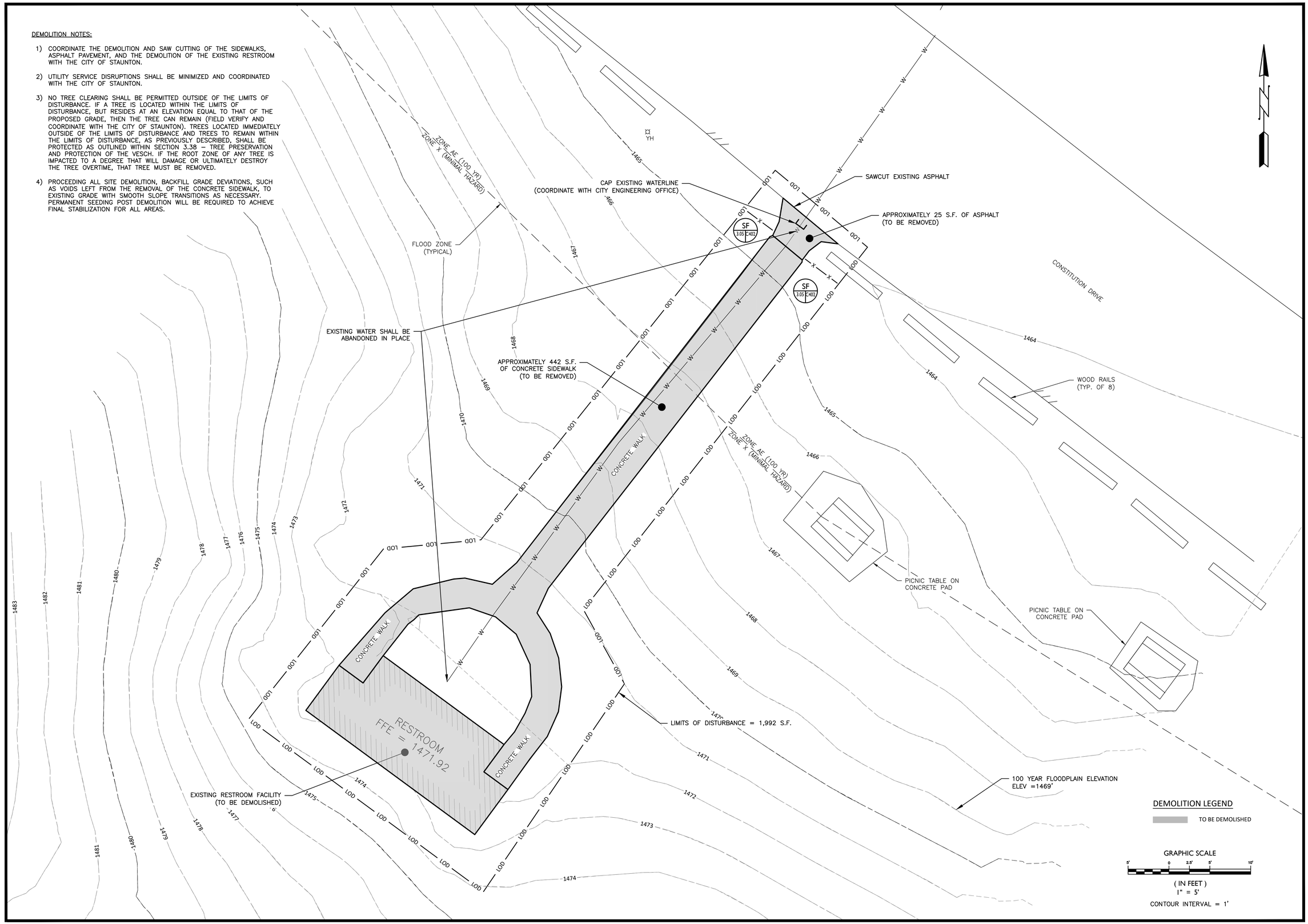
DEMOLITION NOTES:

1) COORDINATE THE DEMOLITION AND SAW CUTTING OF THE SIDEWALKS, ASPHALT PAVEMENT, AND THE DEMOLITION OF THE EXISTING RESTROOM WITH THE CITY OF STAUNTON.

2) UTILITY SERVICE DISRUPTIONS SHALL BE MINIMIZED AND COORDINATED WITH THE CITY OF STAUNTON.

3) NO TREE CLEARING SHALL BE PERMITTED OUTSIDE OF THE LIMITS OF DISTURBANCE. IF A TREE IS LOCATED WITHIN THE LIMITS OF DISTURBANCE, BUT RESIDES AT AN ELEVATION EQUAL TO THAT OF THE PROPOSED GRADE, THEN THE TREE CAN REMAIN (FIELD VERIFY AND COORDINATE WITH THE CITY OF STAUNTON). TREES LOCATED IMMEDIATELY OUTSIDE OF THE LIMITS OF DISTURBANCE AND TREES TO REMAIN WITHIN THE LIMITS OF DISTURBANCE, AS PREVIOUSLY DESCRIBED, SHALL BE PROTECTED AS OUTLINED WITHIN SECTION 3.3B – TREE PRESERVATION AND PROTECTION OF THE VESCH. IF THE ROOT ZONE OF ANY TREE IS IMPACTED TO A DEGREE THAT WILL DAMAGE OR ULTIMATELY DESTROY THE TREE OVERTIME, THAT TREE MUST BE REMOVED.

4) PROCEEDING ALL SITE DEMOLITION, BACKFILL GRADE DEVIATIONS, SUCH AS VOIDS LEFT FROM THE REMOVAL OF THE CONCRETE SIDEWALK, TO EXISTING GRADE WITH SMOOTH SLOPE TRANSITIONS AS NECESSARY. PERMANENT SEEDING POST DEMOLITION WILL BE REQUIRED TO ACHIEVE FINAL STABILIZATION FOR ALL AREAS.



DEMOLITION LEGEND

TO BE DEMOLISHED

GRAPHIC SCALE

5' 0 2.5' 5' 10'

(IN FEET)
1" = 5'

CONTOUR INTERVAL = 1'

COMMONWEALTH OF VIRGINIA
M. ANDREW MONK
Lic. No. 050716
2/20/26
PROFESSIONAL ENGINEER

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
GYPSY HILL PARK RESTROOM IMPROVEMENTS

EXISTING NORTH RESTROOM DEMOLITION PLAN

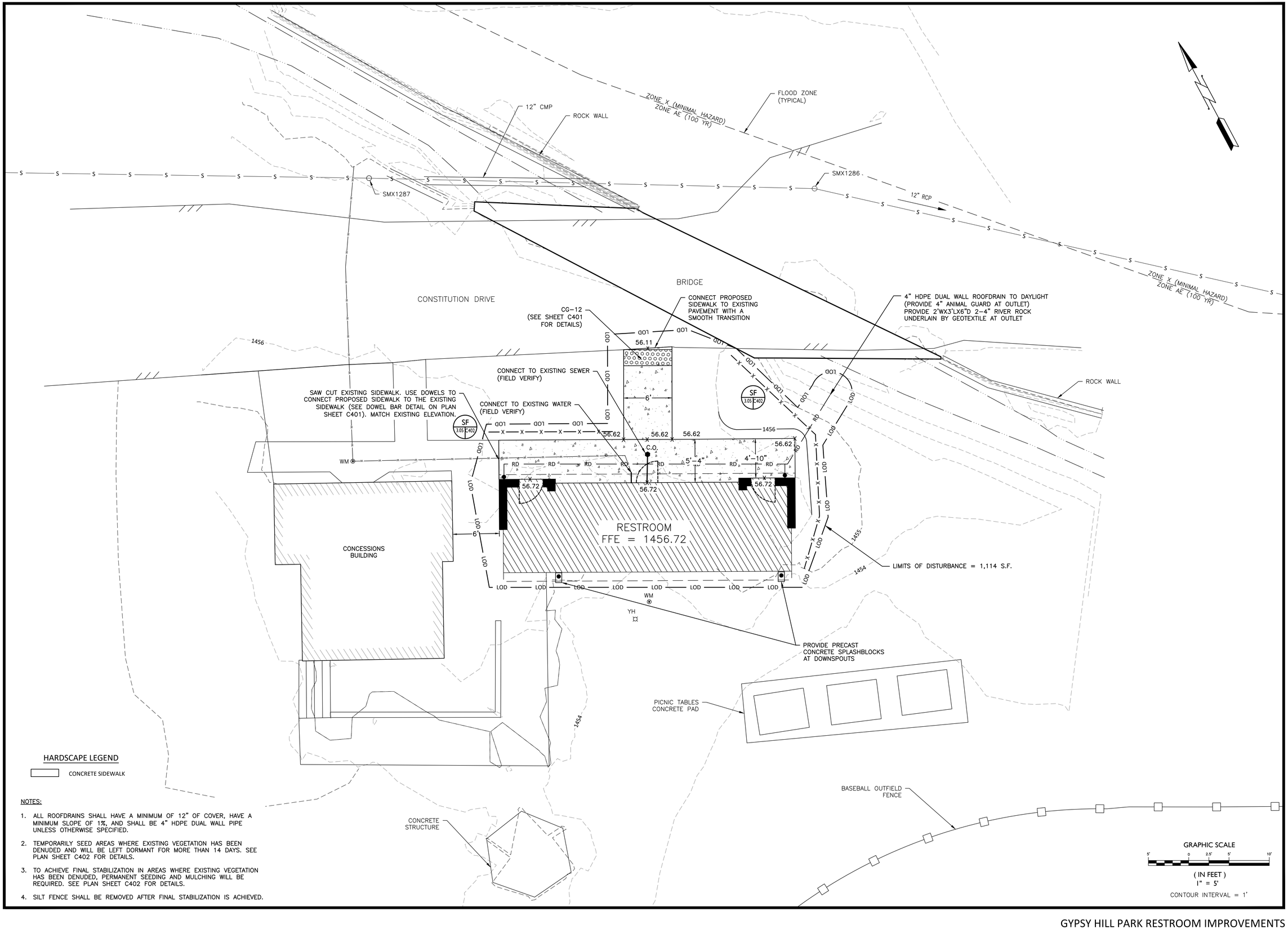
No.	Date	Purpose of Document Issue

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Date	2/20/2026

Project No.
18861

THOMPSON & LITTON

Sheet No.
C203



HARDSCAPE LEGEND

CONCRETE SIDEWALK

NOTES:

1. ALL ROOFDRAINS SHALL HAVE A MINIMUM OF 12" OF COVER, HAVE A MINIMUM SLOPE OF 1%, AND SHALL BE 4" HDPE DUAL WALL PIPE UNLESS OTHERWISE SPECIFIED.
2. TEMPORARILY SEED AREAS WHERE EXISTING VEGETATION HAS BEEN DENUDED AND WILL BE LEFT DORMANT FOR MORE THAN 14 DAYS. SEE PLAN SHEET C402 FOR DETAILS.
3. TO ACHIEVE FINAL STABILIZATION IN AREAS WHERE EXISTING VEGETATION HAS BEEN DENUDED, PERMANENT SEEDING AND MULCHING WILL BE REQUIRED. SEE PLAN SHEET C402 FOR DETAILS.
4. SILT FENCE SHALL BE REMOVED AFTER FINAL STABILIZATION IS ACHIEVED.

GRAPHIC SCALE

5' 0 2.5' 5' 10'

(IN FEET)
1" = 5'

CONTOUR INTERVAL = 1'

COMMONWEALTH OF VIRGINIA
M. ANDREW MONK
Lic. No. 050716
2/20/26
PROFESSIONAL ENGINEER

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
GYPSY HILL PARK RESTROOM IMPROVEMENTS

CONCESSIONS RESTROOM SITE PLAN

No.	Date	Purpose of Document Issue

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Drawn	JWS/ACM
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Date	2/20/2026

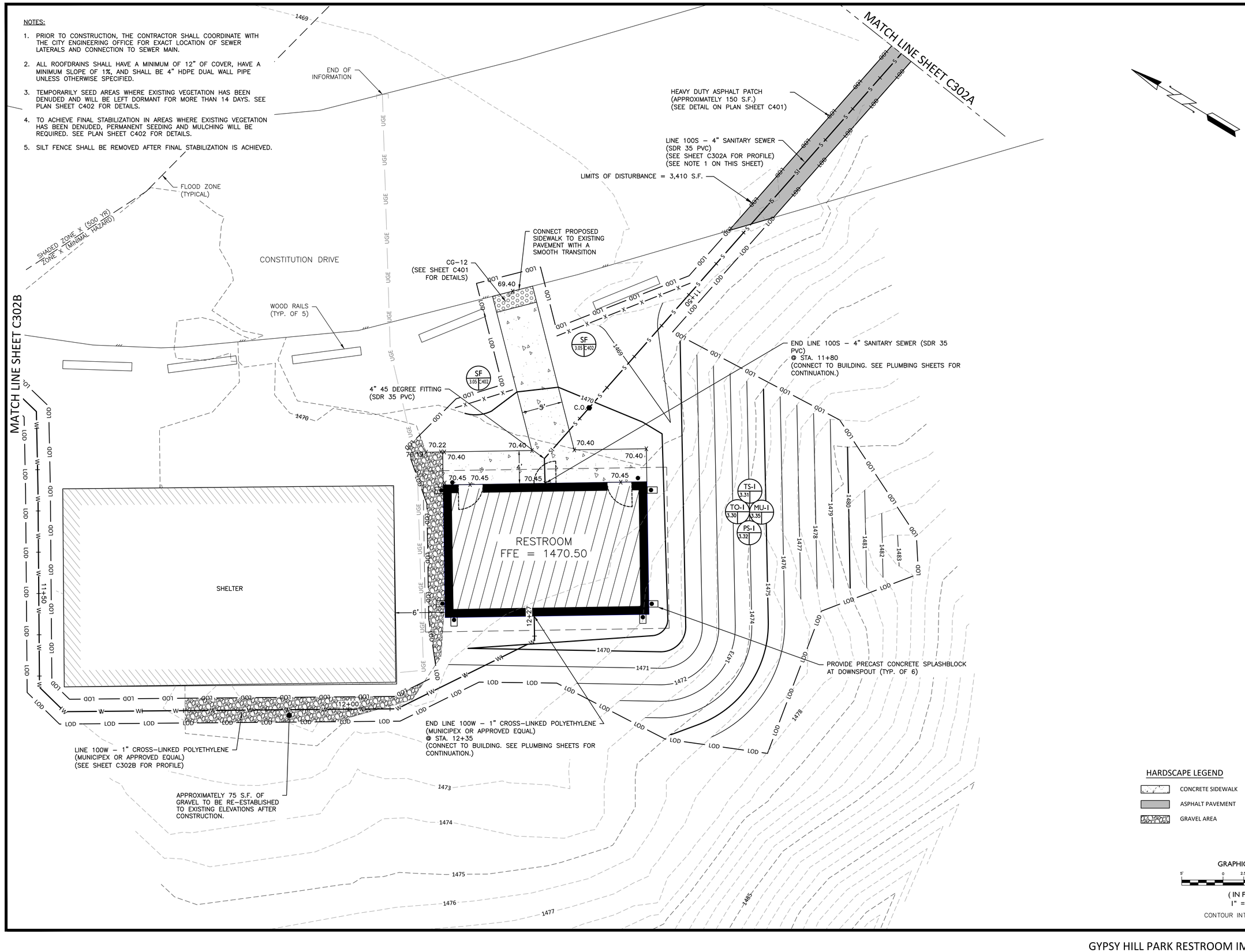
Project No.
18861

THOMPSON & LITTON

Sheet No.
C301

NOTES:

1. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL COORDINATE WITH THE CITY ENGINEERING OFFICE FOR EXACT LOCATION OF SEWER LATERALS AND CONNECTION TO SEWER MAIN.
2. ALL ROOFDRAINS SHALL HAVE A MINIMUM OF 12" OF COVER, HAVE A MINIMUM SLOPE OF 1%, AND SHALL BE 4" HDPE DUAL WALL PIPE UNLESS OTHERWISE SPECIFIED.
3. TEMPORARILY SEED AREAS WHERE EXISTING VEGETATION HAS BEEN DENUDED AND WILL BE LEFT DORMANT FOR MORE THAN 14 DAYS. SEE PLAN SHEET C402 FOR DETAILS.
4. TO ACHIEVE FINAL STABILIZATION IN AREAS WHERE EXISTING VEGETATION HAS BEEN DENUDED, PERMANENT SEEDING AND MULCHING WILL BE REQUIRED. SEE PLAN SHEET C402 FOR DETAILS.
5. SILT FENCE SHALL BE REMOVED AFTER FINAL STABILIZATION IS ACHIEVED.



HARDSCAPE LEGEND

- CONCRETE SIDEWALK
- ASPHALT PAVEMENT
- GRAVEL AREA

GRAPHIC SCALE

5' 0 2.5' 5' 10'

(IN FEET)
1" = 5'

CONTOUR INTERVAL = 1'

COMMONWEALTH OF VIRGINIA
M. ANDREW MONK
Lic. No. 050716
2/20/26
PROFESSIONAL ENGINEER

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
GYPSY HILL PARK RESTROOM IMPROVEMENTS

NORTH RESTROOM SITE PLAN

No.	Date	Purpose of Document Issue

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Drawn	JWS/ACM
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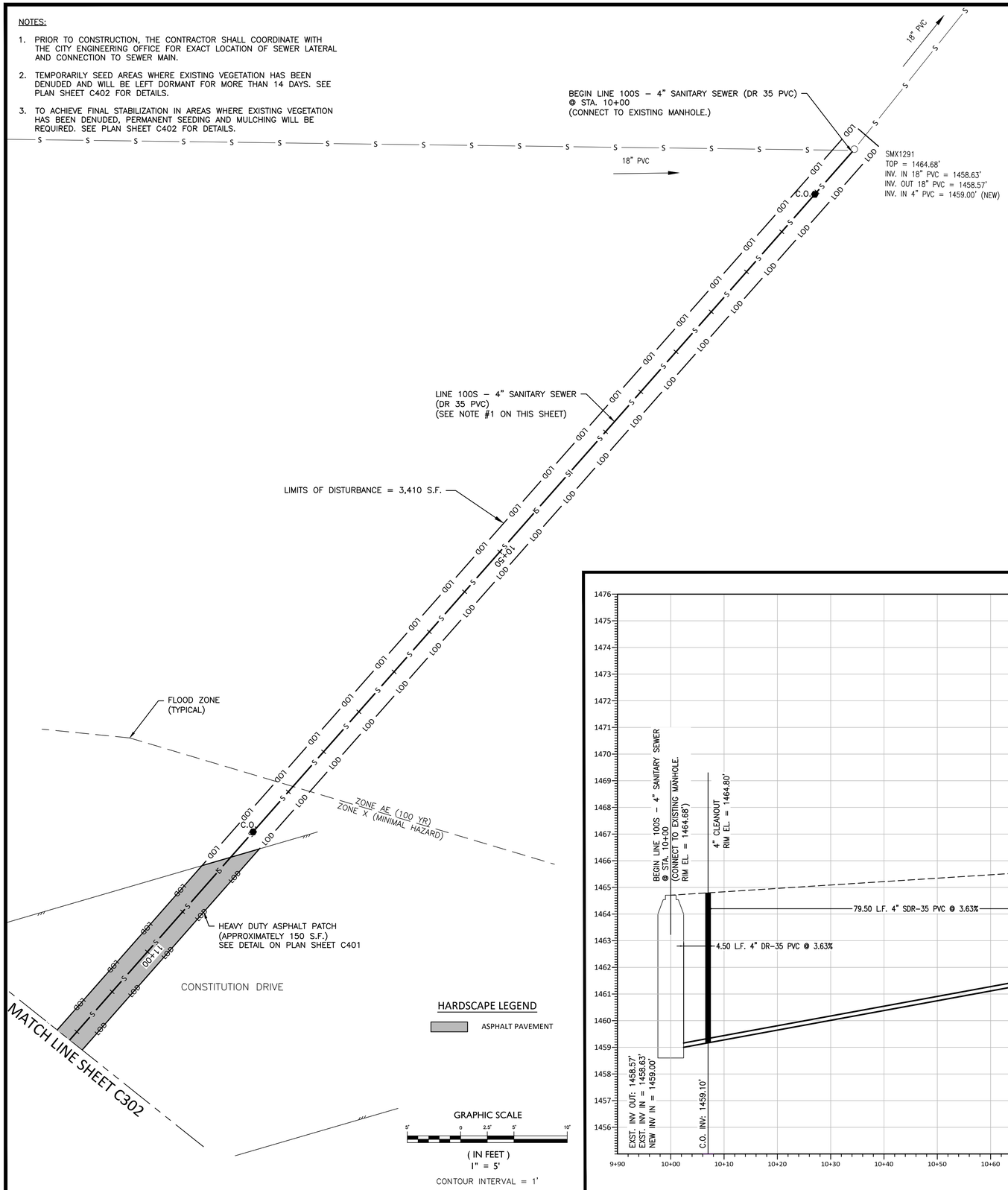
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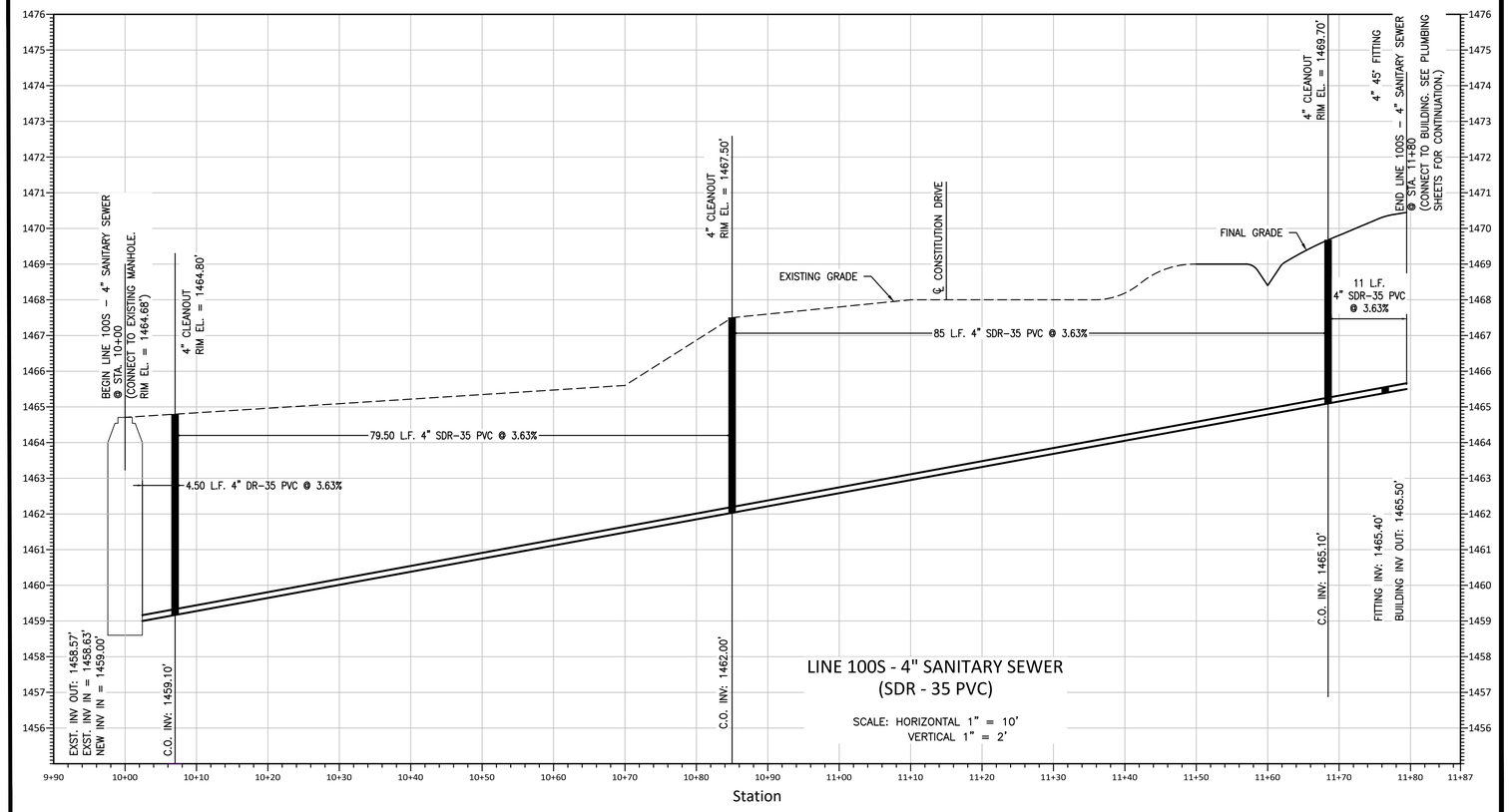
THOMPSON & LITTON

Sheet No.
C302

NOTES:

1. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL COORDINATE WITH THE CITY ENGINEERING OFFICE FOR EXACT LOCATION OF SEWER LATERAL AND CONNECTION TO SEWER MAIN.
2. TEMPORARILY SEED AREAS WHERE EXISTING VEGETATION HAS BEEN DENUDED AND WILL BE LEFT DORMANT FOR MORE THAN 14 DAYS. SEE PLAN SHEET C402 FOR DETAILS.
3. TO achieve FINAL STABILIZATION IN AREAS WHERE EXISTING VEGETATION HAS BEEN DENUDED, PERMANENT SEEDING AND MULCHING WILL BE REQUIRED. SEE PLAN SHEET C402 FOR DETAILS.





COMMONWEALTH OF VIRGINIA
M. ANDREW MONK
Lic. No. 050716
2/20/26
PROFESSIONAL ENGINEER

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
GYPSY HILL PARK RESTROOM IMPROVEMENTS

NORTH RESTROOM SITE PLAN CONT'D.

No.	Date	Purpose of Document Issue

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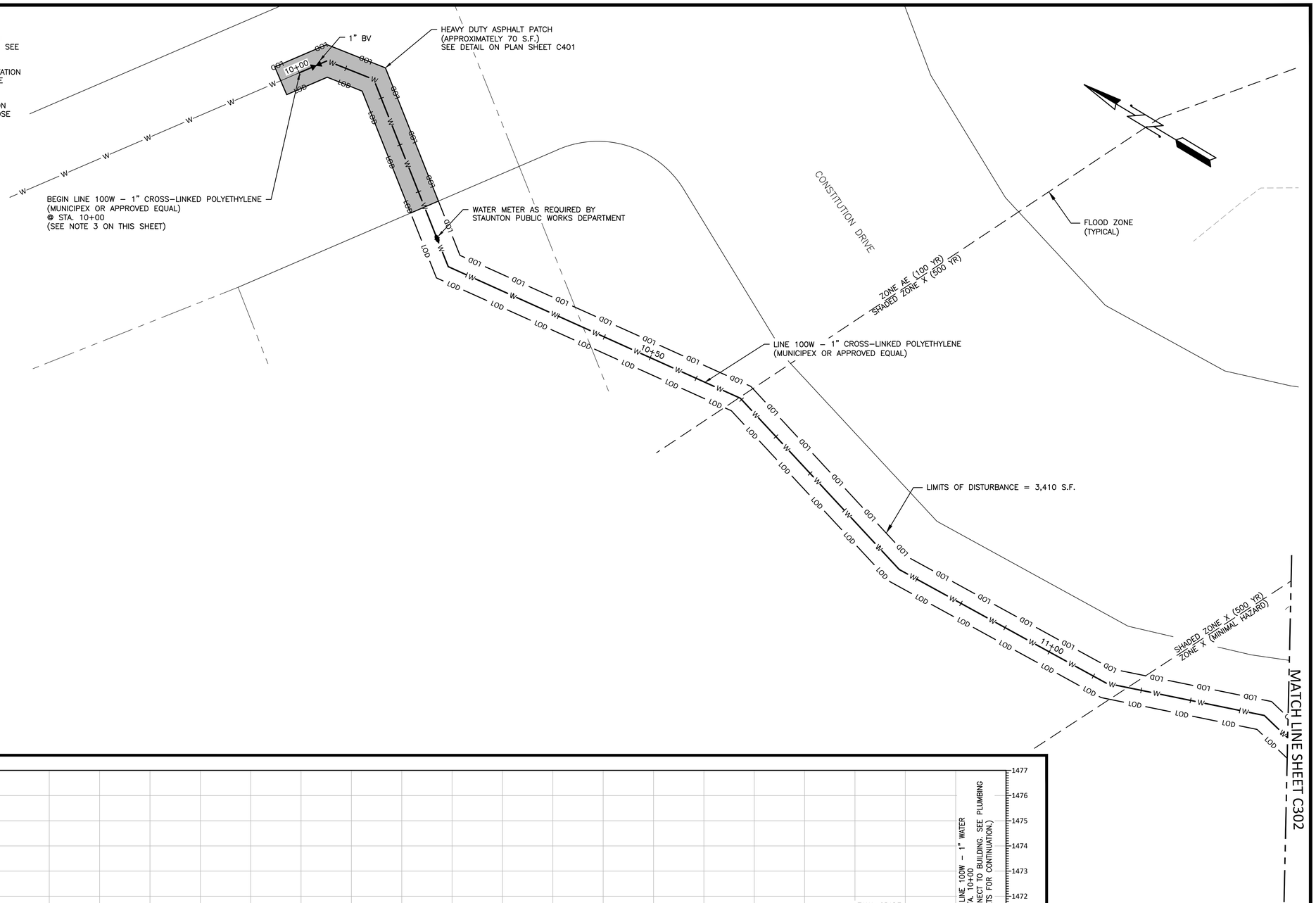
Project No.
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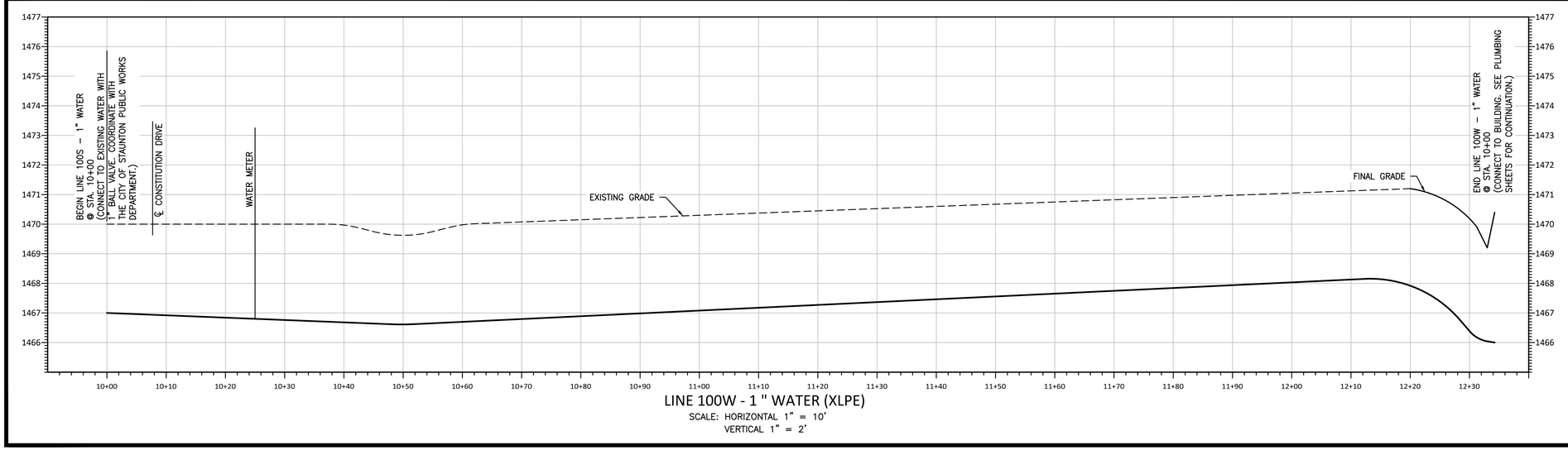
THOMPSON & LITTON

Sheet No.
C302A

NOTES:

1. TEMPORARILY SEED AREAS WHERE EXISTING VEGETATION HAS BEEN DENUDED AND WILL BE LEFT DORMANT FOR MORE THAN 14 DAYS. SEE PLAN SHEET C402 FOR DETAILS.
2. TO ACHIEVE FINAL STABILIZATION IN AREAS WHERE EXISTING VEGETATION HAS BEEN DENUDED, PERMANENT SEEDING AND MULCHING WILL BE REQUIRED. SEE PLAN SHEET C402 FOR DETAILS.
3. CONNECT TO EXISTING WATER. COORDINATE WITH CITY OF STAUNTON PUBLIC WORKS DEPARTMENT. CONTRACTOR TO POTHOLE AND EXPOSE EXISTING WATER LINE FOR INSPECTION PRIOR TO CONNECTING, COORDINATE WITH CITY ENGINEERING OFFICE.





LINE 100W - 1 " WATER (XLPE)
SCALE: HORIZONTAL 1" = 10'
VERTICAL 1" = 2'

GRAPHIC SCALE
5' 0 2.5' 5' 10'
(IN FEET)
1" = 5'
CONTOUR INTERVAL = 1'

COMMONWEALTH OF VIRGINIA
M. ANDREW MONK
Lic. No. 050716
2/20/26
PROFESSIONAL ENGINEER

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
GYPSY HILL PARK RESTROOM IMPROVEMENTS

NORTH RESTROOM SITE PLAN CONT'D.

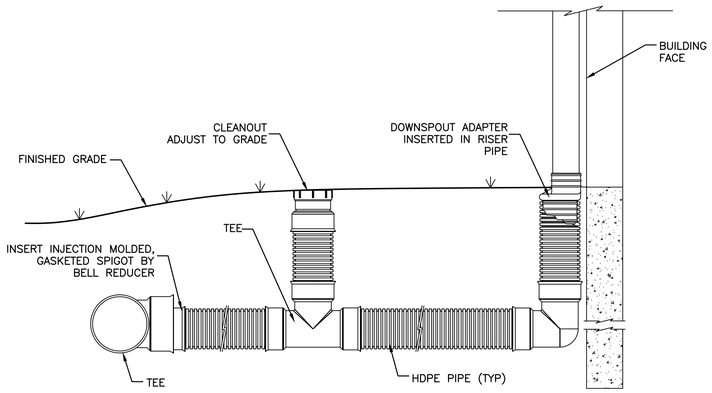
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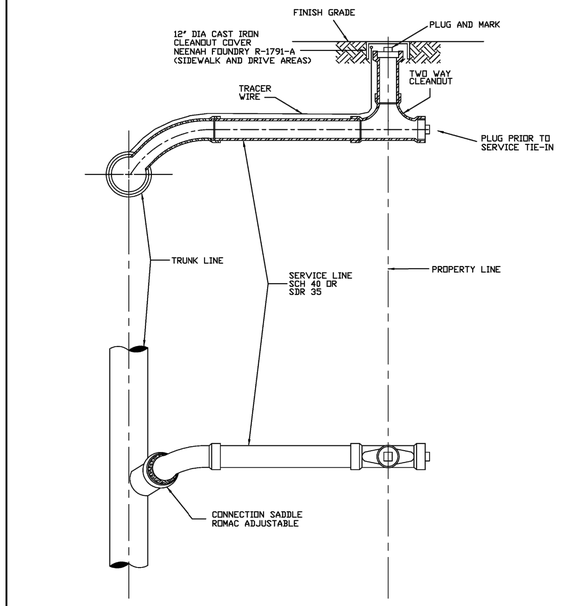
THOMPSON & LITTON

Sheet No.
C302B



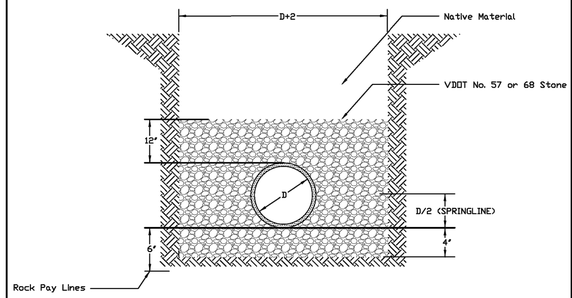
TYPICAL DETAIL - ROOFDRAIN WITH CLEANOUT

NOT TO SCALE



NOTE: CLEANOUT TOP SHALL BE LEFT VISIBLE ABOVE GRADE

CITY OF STAUNTON, VA	SEWER SERVICE CONNECTION	Draw No. S-7

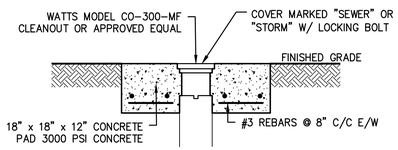


BACKFILL SHALL BE PLACED IN 6" LAYERS FROM THE BOTTOM OF THE TRENCH TO A POINT AT LEAST 6" ABOVE THE PIPE AND THOROUGHLY TAMPED BY HAND OR PNEUMATIC TAMPER, HOWEVER DO NOT TAMP DIRECTLY OVER THE PIPE

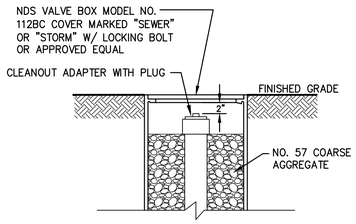
FINAL BACKFILL MAY BE PLACED IN LAYER THICKNESSES WHICH WILL PERMIT COMPACTION TO A DENSITY OF AT LEAST 95%

REINFORCED CONCRETE AND DUCTILE IRON PIPE SHALL BE BACKFILLED W/57 OR 68 TO SPRINGLINE ONLY

CITY OF STAUNTON, VA	SEWER PIPE INSTALLATION	Draw No. S-8



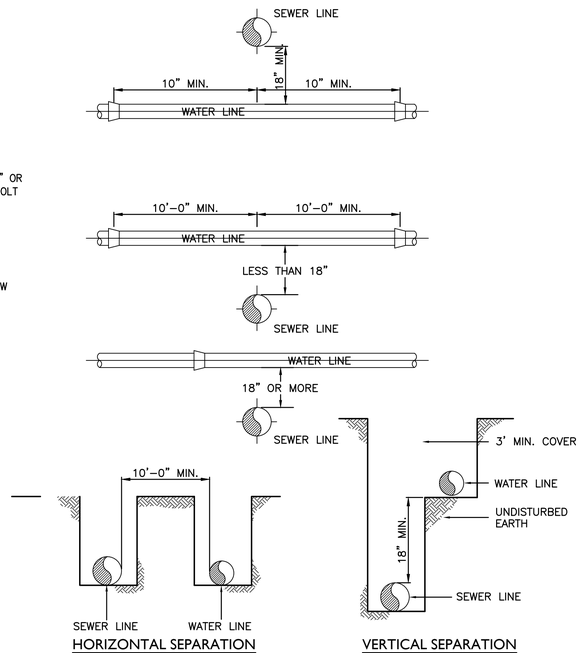
TRAFFIC AREAS



NON-TRAFFIC AREAS

DETAILS OF CLEANOUTS (ON-SITE)

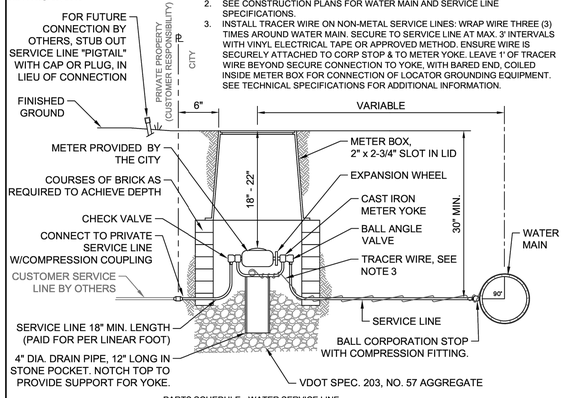
NOT TO SCALE



WATER & SEWER SEPARATION

NOT TO SCALE

REV. May 1, 2020
REV. Aug. 23, 2018



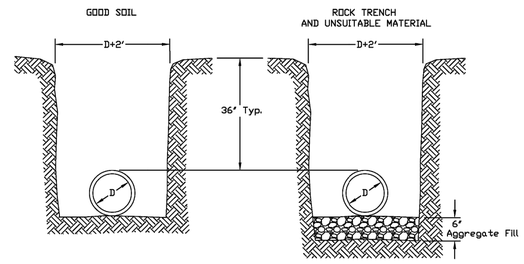
NOTES:
1. ALL SERVICE LINE CONNECTIONS AND FITTINGS SHALL BE COMPRESSION.
2. SEE CONSTRUCTION PLANS FOR WATER MAIN AND SERVICE LINE SPECIFICATIONS.
3. INSTALL TRACER WIRE ON NON-METAL SERVICE LINES: WRAP WIRE THREE (3) TIMES AROUND WATER MAIN. SECURE TO SERVICE LINE AT MAX. 3' INTERVALS WITH VINYL ELECTRICAL TAPE OR APPROVED METHOD. ENSURE WIRE IS SECURELY ATTACHED TO CORP STOP & TO METER YOKE. LEAVE 1' OF TRACER WIRE BEYOND SECURE CONNECTION TO YOKE, WITH BARED END, COILED INSIDE METER BOX FOR CONNECTION OF LOCATOR GROUNDING EQUIPMENT. SEE TECHNICAL SPECIFICATIONS FOR ADDITIONAL INFORMATION.

PARTS SCHEDULE - WATER SERVICE LINE

PART DESCRIPTION	MANUFACTURER	MODEL# for METER SIZE INDICATED		
		5/8"	3/4"	1"
CORP STOP	FORD		FB1001-3-G-NL	FB1001-4-G-NL
	MUELLER		B-25009N 3/4"	B-25009N 1"
	A.Y. McDONALD		74701B-3Q 3/4"	74701B-3Q 1"
BALL ANGLE VALVE	FORD	BA94-313W-G-NL	BA94-323W-G-NL	BA94-444W-G-NL
	MUELLER	B-24273-N 5/8"	B-24273-N 3/4"	B-24273-N 1"
	A.Y. McDONALD	74642BYG 3/4"x5/8"	74642BYG 3/4"	74642BYG 1"
CAST IRON METER YOKE	FORD	Y501	Y503	Y504
	MUELLER	5010	H5030	H5040
	A.Y. McDONALD	14-1	14-3	14-4
EXPANSION WHEEL	FORD	EC-1-NL	EC-23-NL	EC-4-NL
	MUELLER	H-14234-5/8"	H-14234-3/4"	H-14234-1"
	A.Y. McDONALD	714-1EHG	714-2EHG	714-4EHG
ANGLE CHECK VALVE	FORD	HHCA94-313-G-NL	HHCA94-323-G-NL 3/4"	HHCA94-444-G-NL
	MUELLER	H-14466-AN 5/8"x3/4"	H-14466-AN 3/4"	H-14466-AN 1"
	A.Y. McDONALD	712-3YT 23	712-3YT 33	712-3YT 44
COMPRESSION UNION	FORD	C44-33-4-75-G-NL		C44-44-G-NL
	MUELLER	H-15409N 3/4"		H-15409N 1"
	A.Y. McDONALD	74758-11 3/4"		74758-11 1"
COMPRESSION WYE: 1" x 3/4" x 3/4"	FORD	Y44-243-G-NL		(TYPE III CONNECTION ONLY)
	MUELLER	H-15354N		
	A.Y. McDONALD	708YSQZ 1x3/4"		
METER BOX	CAPITAL FOUNDRY of VA	MBX3130		N/A
	DFW	N/A		1324C-18MAFDEEP

NOT TO SCALE

CITY of STAUNTON, VIRGINIA	TYPICAL NEW WATER SERVICE CONNECTION & METER ASSEMBLY UP TO 1"	DRAWING NUMBER W-1



NOTE:
1. ALL BEDDING SHALL BE CONTINUOUS AND UNIFORM
2. EXCAVATION IS REQUIRED TO ENSURE THERE IS NO ROCK WITHIN 6" OF THE BOTTOM OF THE PIPE

CITY OF STAUNTON, VA	WATER PIPE INSTALLATION	Draw No. W-12

COMMONWEALTH OF VIRGINIA
M. ANDREW MONK
Lic. No. 050716
2/20/26
PROFESSIONAL ENGINEER

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
GYPSY HILL PARK RESTROOM IMPROVEMENTS

STANDARD WATER, SEWER, & STORM DETAILS

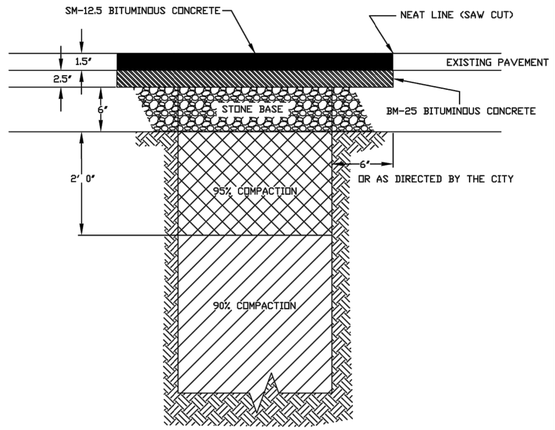
No.	Date	Purpose of Document Issue

Designed	JWS/ACM
Drawn	JWS/ACM
Checked	MAM
Date	2/20/2026

Project No.
18861

THOMPSON & LITTON

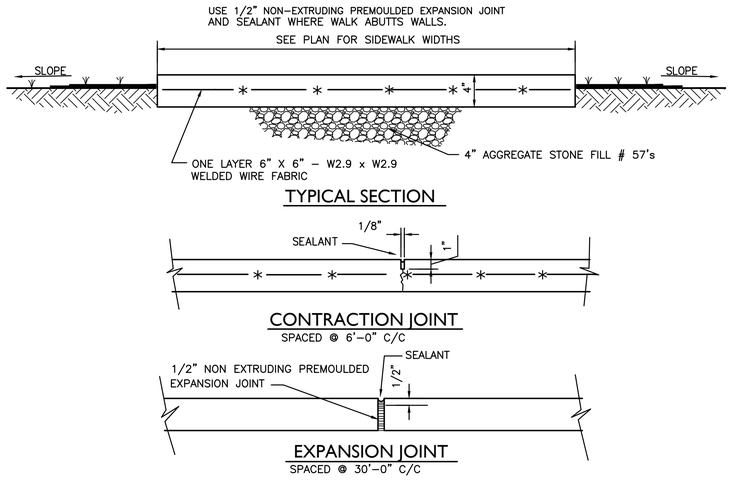
Sheet No.
C400



NOTE:
1. COMPLETED PATCH TO BE FLUSH WITH EXISTING PAVEMENT

CITY OF STAUNTON, VA	**HEAVY DUTY PATCH FOR ASPHALT PAVEMENT**	Draw No. **M-5(H)**

NOTE: COMPACTED 21A'S REQUIRED AT FULL TRENCH DEPTH UNDER PAVEMENT.



TYPICAL SECTION

CONTRACTION JOINT
SPACED @ 6'–0" C/C

EXPANSION JOINT
SPACED @ 30'–0" C/C

TYPICAL DETAIL - SIDEWALK
NOT TO SCALE

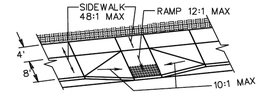
2016 ROAD & BRIDGE STANDARDS

CG-12

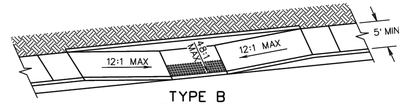
GENERAL NOTES:

1. THE DETECTABLE WARNING SHALL BE PROVIDED BY TRUNCATED DOMES.
2. ALL DETECTABLE WARNING SURFACE PRODUCTS SHALL MEET THE REQUIREMENTS OF SECTION 504 OF THE SPECIFICATIONS FOR CG-12 DETECTABLE WARNING SURFACE. DETECTABLE WARNING SUFACE PRODUCTS USED SHALL BE FROM THE MATERIALS APPROVED PRODUCT LIST NUMBER 72.
3. SLOPING SIDES OF CURB RAMP MAY BE POURED MONOLITHICALLY WITH RAMP FLOOR OR BY USING PERMISSIBLE CONSTRUCTION JOINT WITH REQUIRED BARS.
4. REQUIRED BARS ARE TO BE NO.5 X 8' PLACED 1' CENTER TO CENTER ALONG BOTH SIDES OF THE RAMP FLOOR, MID-DEPTH OF RAMP FLOOR. MINIMUM CONCRETE COVER 1½".
5. ROADWAY CURB / CURB AND GUTTER SLOPE TRANSITIONS ADJACENT TO CURB RAMPS ARE INCLUDED IN PAYMENT FOR CURB / CURB AND GUTTER.
6. CURB RAMPS ARE REQUIRED FOR SIDEWALKS AND SHARED USE PATHS. THE WIDTH OF THE CURB RAMP SHALL MATCH SIDEWALK WIDTH. WHEN CURB RAMPS ARE USED IN CONJUNCTION WITH A SHARED USE PATH, THE MINIMUM WIDTH SHALL BE THE WIDTH OF THE SHARED USE PATH.
7. DETECTABLE WARNINGS SHALL EXTEND THE FULL WIDTH OF THE CURB RAMP LANDING FLOOR.
8. CURB RAMPS WILL BE INSTALLED AND LOCATED WITHIN PEDESTRIAN CROSSWALKS AS SHOWN ON PLANS OR AS DIRECTED BY THE ENGINEER. CURB RAMPS SHOULD NOT BE LOCATED BEHIND VEHICLE STOP LINES, LIGHT POLES, FIRE HYDRANTS, DROP INLETS, ETC.
9. RAMPS MAY BE PLACED ON RADIAL OR TANGENTIAL SECTIONS PROVIDED THAT THE CURB OPENING IS PLACED WITHIN THE LIMITS OF THE CROSSWALK AND THAT THE SLOPE AT THE CONNECTION OF THE CURB OPENING IS PERPENDICULAR TO THE CURB.
10. DETECTABLE WARNING SURFACE PANELS SHALL BE INSTALLED FLUSH WITH THE BACK OF CURB.
11. WHERE CURB RAMPS INTERSECT A RADIAL SECTION OF CURB AT ENTRANCES OR STREET CONNECTIONS THE DETECTABLE WARNING SURFACE SHALL HAVE A FACTORY RADIUS OR BE FIELD-MODIFIED AS RECOMMENDED BY THE MANUFACTURER TO MATCH THE BACK OF CURB. SEE CG-12-INS PAGES 204.06 AND 204.07 FOR METHODS OF INSTALLING DETECTABLE WARNINGS ON A RADIUS.

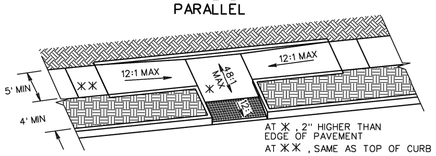
NOTE: COMPONENTS OF CURB RAMPS CONSIST OF THE FOLLOWING:
HYDRAULIC CEMENT SIDEWALK (DEPTH IN INCHES, AREA IN SQUARE YARDS)
CURB WHEN REQUIRED (CG-2 OR CG-3 IN LINEAR FEET)
DETECTABLE WARNING SURFACE (AREA IN SQUARE YARDS)
EACH OF THE ABOVE ITEMS IS A SEPARATE PAY ITEM AND SHOULD BE SUMMARIZED FOR EACH CURB CUT RAMP.



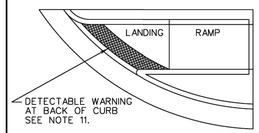
TYPE A
PERPENDICULAR



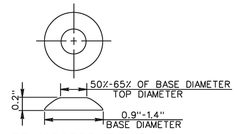
TYPE B
PARALLEL



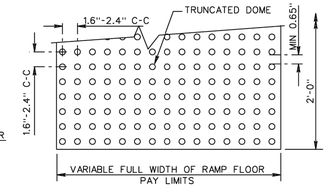
TYPE C
PARALLEL & PERPENDICULAR



DETECTABLE WARNING
INSTALLED ON A RADIUS



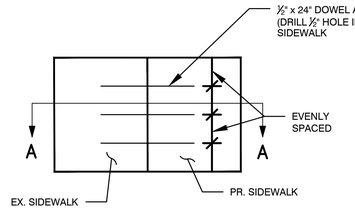
TRUNCATED DOME
DETAIL



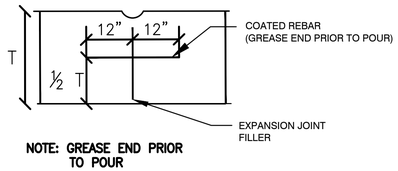
DETECTABLE WARNING
DETAIL

VDOT ROAD AND BRIDGE STANDARDS	A COPY OF THE ORIGINAL SEALED AND SIGNED DRAWING IS ON FILE IN THE CENTRAL OFFICE. **CG-12 DETECTABLE WARNING SURFACE (GENERAL NOTES)** VIRGINIA DEPARTMENT OF TRANSPORTATION	SPECIFICATION REFERENCE
SHEET 1 OF 5		105
204.01	REVISION DATE 04/19	502
		504

2016 ROAD & BRIDGE STANDARDS



DOWEL BAR DETAIL
NOT TO SCALE



NOTE: GREASE END PRIOR TO POUR

DOWEL BAR DETAIL SECTION A - A
NOT TO SCALE

COMMONWEALTH OF VIRGINIA
M. ANDREW MONK
Lic. No. 050716
2/20/26
PROFESSIONAL ENGINEER

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
GYPSY HILL PARK RESTROOM IMPROVEMENTS

STANDARD PAVING & SIDEWALK DETAILS

No.	Date	Purpose of Document Issue

Designed	JWS/ACM
Drawn	JWS/ACM
Checked	MAM
Date	2/20/2026

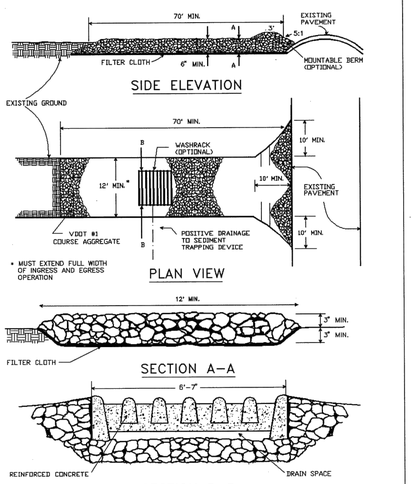
Project No.
18861

THOMPSON & LITTON

Sheet No.
C401

1992 3.02

STONE CONSTRUCTION ENTRANCE



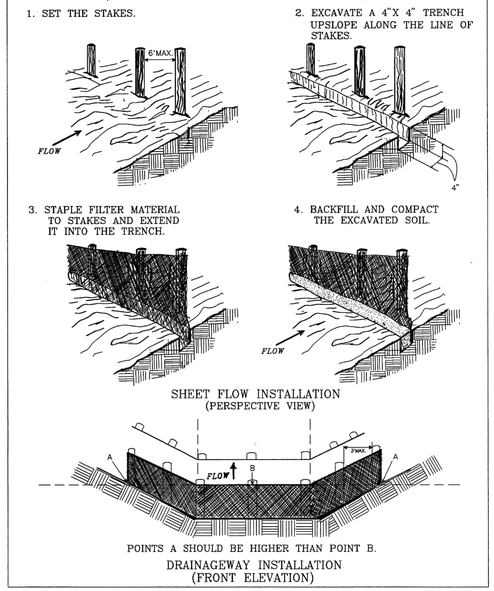
Source: Adapted from 1983 Maryland Standards for Soil Erosion and Sediment Control, and Va. DSWC

Plate 3.02-1

NOTE: SITE CONDITIONS MAY NOT ALLOW FOR STANDARD CONSTRUCTION ENTRANCE DIMENSIONS, HOWEVER, ALL OTHER ASPECTS OF THE CONSTRUCTION ENTRANCE SHALL ADHERE TO THE VESCH.

1992 3.05

CONSTRUCTION OF A SILT FENCE (WITHOUT WIRE SUPPORT)

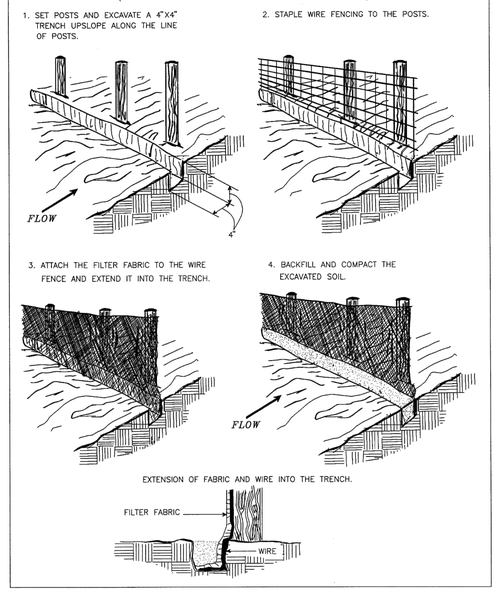


Source: Adapted from Installation of Straw and Fabric Filter Barriers for Sediment Control, Sherwood and Wyant

Plate 3.05-2

1992 3.05

CONSTRUCTION OF A SILT FENCE (WITH WIRE SUPPORT)



Source: Adapted from Installation of Straw and Fabric Filter Barriers for Sediment Control, Sherwood and Wyant

Plate 3.05-1

Table 3.11.2 Nurse crops

PLANT NAMES		PLANTING DATES	APPLICATION RATE LBS/ACRE
COMMON	SCIENTIFIC		
Annual Ryegrass	*Lolium multiflorum*	2/16 – 5/15 8/1 – 11/1	25
Field Bromegrass	*Bromus ciliatus*	3/1 – 6/15 8/1 – 9/15	20
Spring Oats	*Avena sativa*	3/1 –6/15	50
Winter Rye	*Secale cereale*	8/15 –2/28	85
Winter Wheat	*Triticum aestivum*	8/15 – 2/28	90
Japanese Millet	*Echinochloa crusgalli*	5/15 – 8/15	15
Redtop	*Agrostis alba*	3/1 – 6/15	10
Annual Ryegrass and Spring Oats	*Lolium multiflorum* *Avena sativa*	3/1 – 6/15	15 35
German/Foxtail Millet	*Setaria italica*	5/1 – 8/1	25
Hairy Vetch*	*Vicia villosa*	8/15 – 4/1	30

* Inoculation is required. If a hydroseeder is utilized, the application rate is five times the recommended rate.

Table 3.12.1 Organic mulch materials and application rates

Mulches:	Rates:		Notes:
	Per acre	Per 1,000 ft^2.	
Straw or hay	1½ - 2 tons (minimum 2 tons for winter cover)	70 - 90 lbs.	Free from weeds and coarse matter. Must be anchored. Spread with mulch blower or by hand.
Fiber mulch	Minimum 1,500 lbs.	35 lbs.	Do not use as mulch for winter cover or during hot, dry periods.* Apply as slurry.
Cornstalks	4 - 6 tons	185 - 275 lbs.	Cut or shredded in 4-6" lengths. Air-dried. Do not use in fine turf areas. Apply with mulch blower or by hand.
Wood chips	4 - 6 tons	185 - 275 lbs.	Free of coarse matter. Air-dried. Treat with 12 lbs. nitrogen per ton. Do not use in fine turf areas. Apply with mulch blower, chip handler, or by hand.
Bark chips or Shredded bark	50 - 70 cu. yds.	1-2 cu. yds.	Free of coarse matter. Air-dried. Do not use in fine turf areas. Apply with mulch blower, chip handler, or by hand.

* When fiber mulch is the only available mulch during periods when straw should be used, apply at a minimum rate of 2,000 lbs./ac. or 45 lbs./1,000 sq. ft.

From VA DSWC

A: PERMANENT SEEDING:

SPECIES	MINIMUM WEIGHT	MINIMUM PURITY	MINIMUM GERMINATION	SEEDING RATE (LBS. PER ACRE)
KENTUCKY 31 OR TURF TYPE TALL FESCUE	90%	97%	85%	225
KENTUCKY BLUEGRASS	10%	97%	85%	25

B: TEMPORARY SEEDING:

SEEDING DATE	SPECIES	MINIMUM WEIGHT	MINIMUM PURITY	MINIMUM GERMINATION	SEEDING RATE (LBS. PER ACRE)
02/16–04/30	ANNUAL RYEGRASS	100%	97%	90%	100
05/01–08/31	GERMAN MILLET	100%	98%	85%	50
09/01–02/15	50/50 MIX OF ANNUAL RYEGRASS & CEREAL RYE	100%	97%	90%	100

SEEDING SPECIFICATIONS

COMMONWEALTH OF VIRGINIA
M. ANDREW MONK
Lic. No. 050716
2/20/26
PROFESSIONAL ENGINEER

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
GYPSY HILL PARK RESTROOM IMPROVEMENTS

EROSION & SEDIMENT CONTROL DETAILS

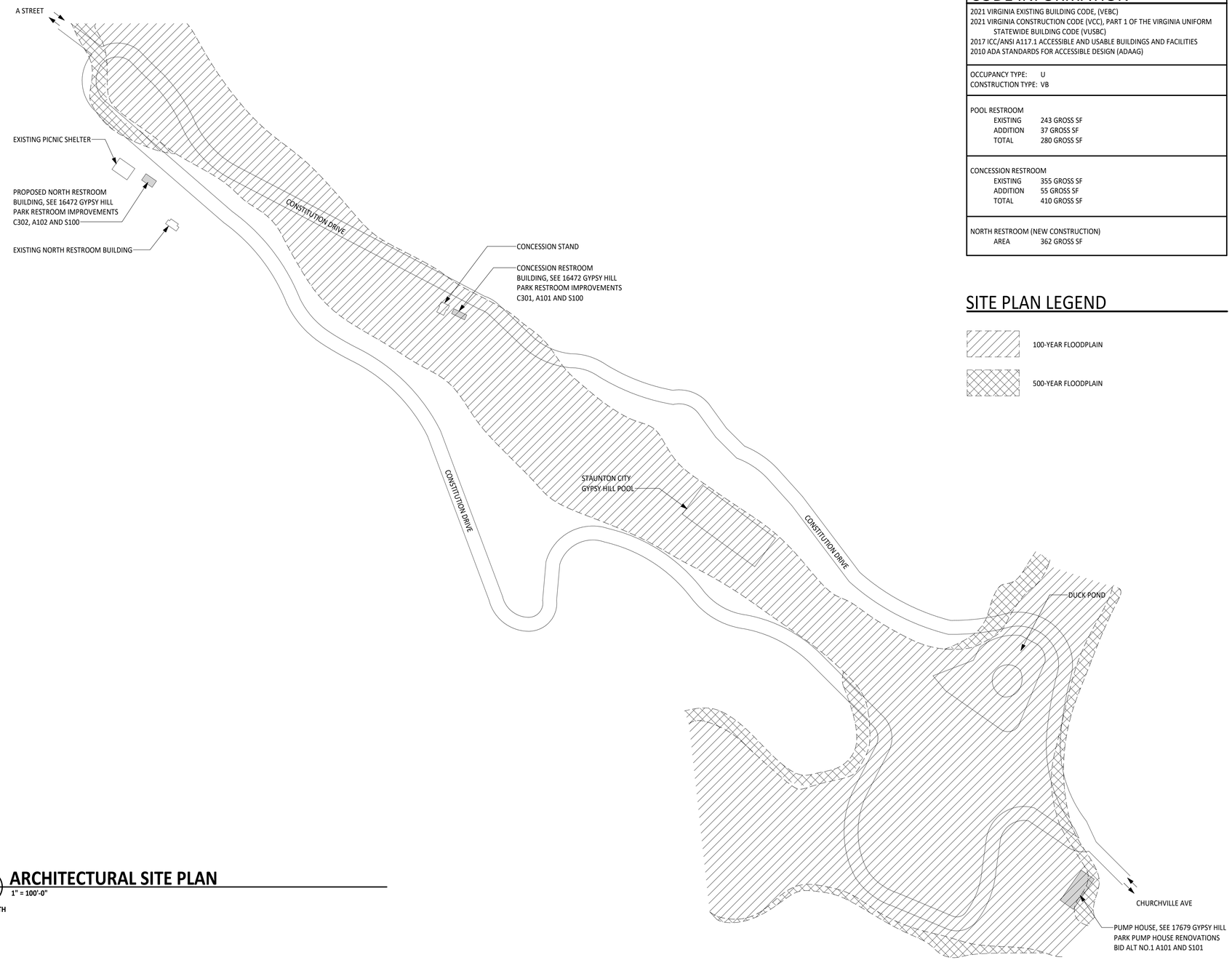
No.	Date	Purpose of Document Issue

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Drawn	JWS/ACM
Checked	MAM
Date	2/20/2026

Project No. 18861

THOMPSON & LITTON

Sheet No. C402



ARCHITECTURAL SITE PLAN

1" = 100'-0"

PLAN NORTH

CODE INFORMATION

2021 VIRGINIA EXISTING BUILDING CODE, (VEBC)
2021 VIRGINIA CONSTRUCTION CODE (VCC), PART 1 OF THE VIRGINIA UNIFORM STATEWIDE BUILDING CODE (VUSBC)
2017 ICC/ANSI A117.1 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES
2010 ADA STANDARDS FOR ACCESSIBLE DESIGN (ADAAG)

OCCUPANCY TYPE: U
CONSTRUCTION TYPE: VB

POOL RESTROOM

EXISTING	243 GROSS SF
ADDITION	37 GROSS SF
TOTAL	280 GROSS SF

CONCESSION RESTROOM

EXISTING	355 GROSS SF
ADDITION	55 GROSS SF
TOTAL	410 GROSS SF

NORTH RESTROOM (NEW CONSTRUCTION)

AREA	362 GROSS SF

SITE PLAN LEGEND

100-YEAR FLOODPLAIN

500-YEAR FLOODPLAIN

Seal
COMMONWEALTH OF VIRGINIA
ERICA F. SUNSHINE
Lic No. 9129
02/20/2026
ARCHITECT

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
16472 GYPSY HILL PARK RESTROOM IMPROVEMENTS

ARCHITECTURAL SITE PLAN AND CODE INFORMATION

No.	Date	Purpose of Document Issue

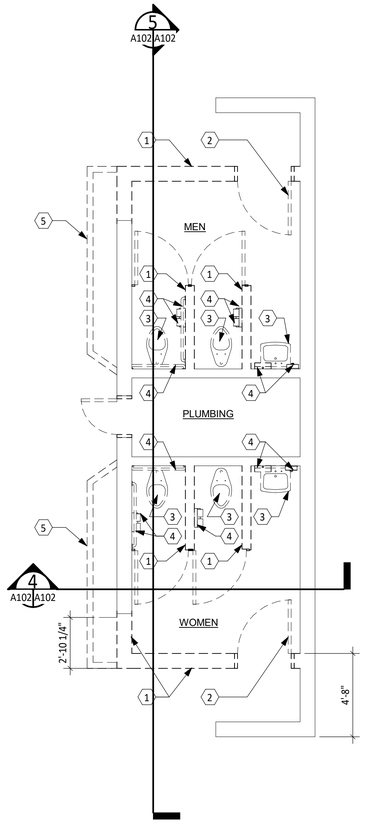
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Date	02/20/2026

Project No.
18861

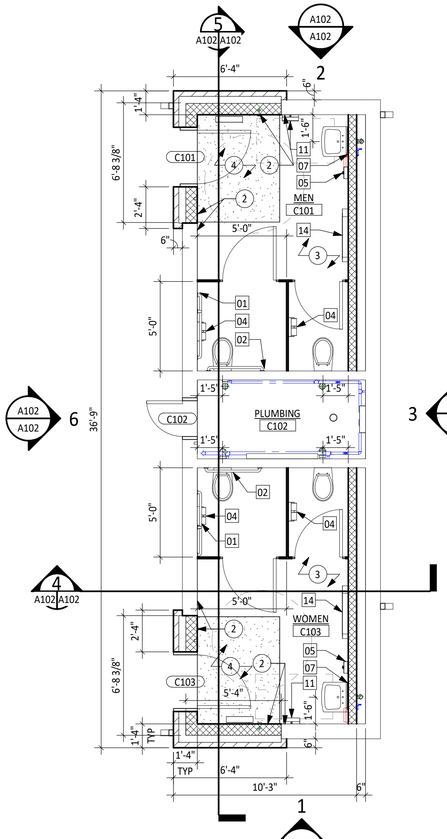
THOMPSON & LITTON

Sheet No.
A100

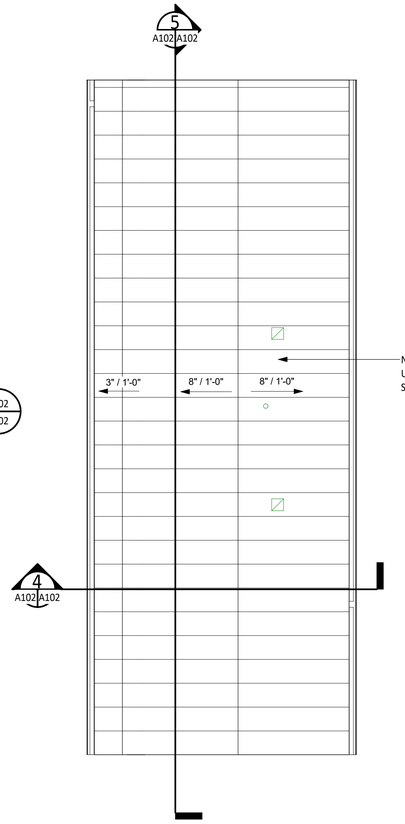
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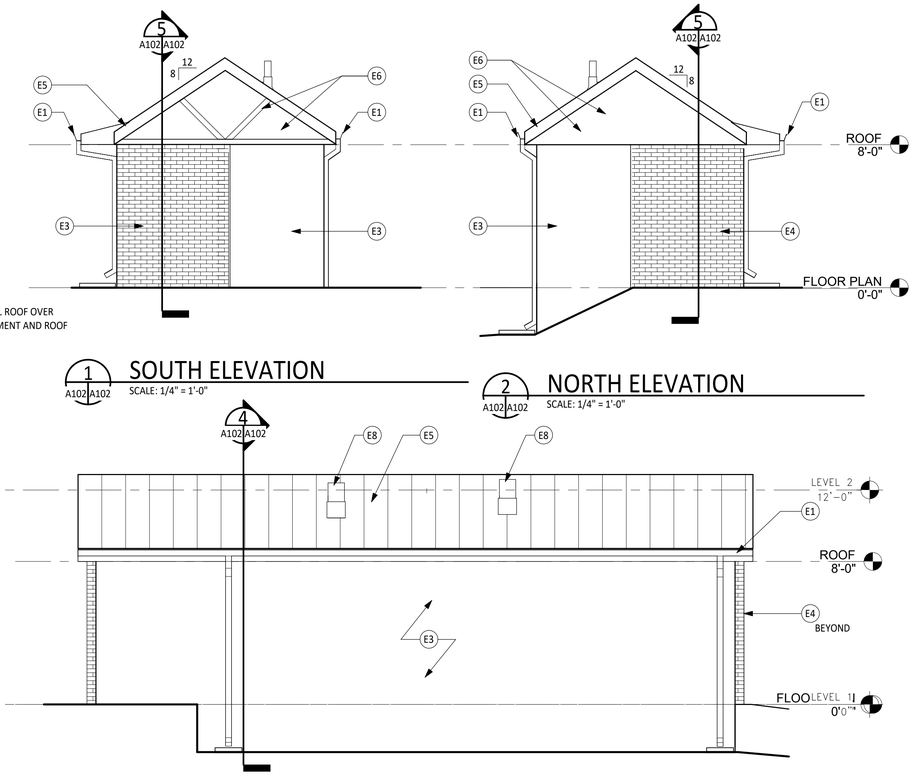
DEMOLITION PLAN
1/4" = 1'-0"
PLAN NORTH



FLOOR PLAN
1/4" = 1'-0"
PLAN NORTH



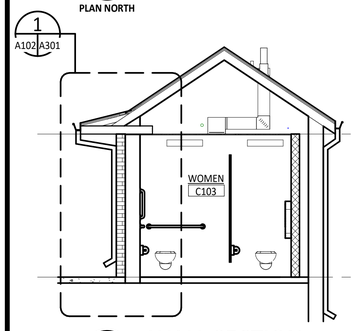
ROOF PLAN
1/4" = 1'-0"
PLAN NORTH



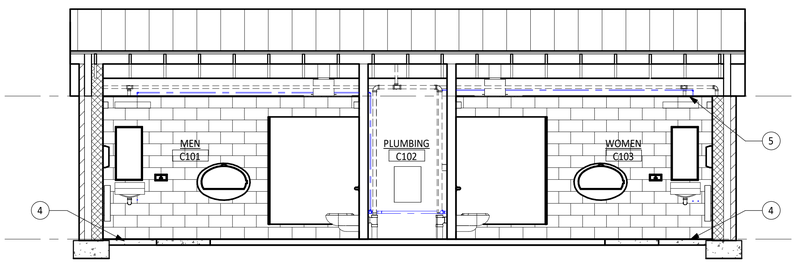
1 SOUTH ELEVATION
SCALE: 1/4" = 1'-0"

2 NORTH ELEVATION
SCALE: 1/4" = 1'-0"

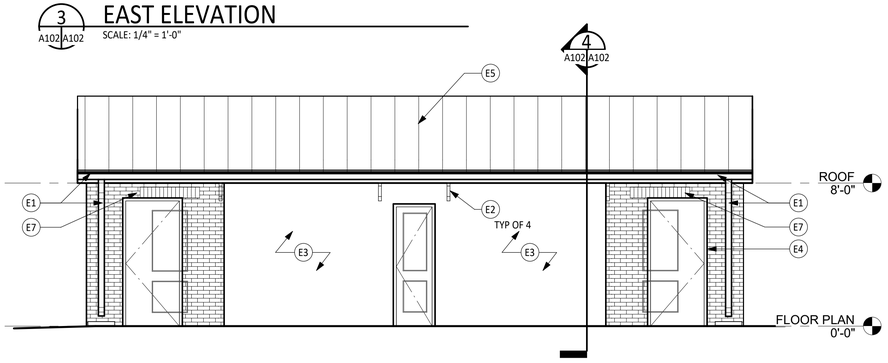
3 EAST ELEVATION
SCALE: 1/4" = 1'-0"



4 WALL SECTION
SCALE: 1/4" = 1'-0"



5 WALL SECTION
SCALE: 1/4" = 1'-0"



6 WEST ELEVATION
SCALE: 1/4" = 1'-0"

DEMOLITION NOTES:
OCCURS WHERE (?) ARE INDICATED ON DRAWINGS.

1. REMOVE EXISTING CMU WALL.
2. REMOVE EXISTING DOOR(S) AND FRAME.
3. REMOVE EXISTING PLUMBING FIXTURES. REFER TO PLUMBING DRAWINGS.
4. REMOVE EXISTING PLUMBING ACCESSORIES.
5. REMOVE EXISTING PLANTER.
6. REMOVE EXISTING CMU AND BRICK WALL.
7. REMOVE EXISTING GATE AND FRAME.
8. REMOVE EXISTING COLUMN.
9. REMOVE PORTIONS OF EXISTING CMU WALL AS REQUIRED FOR INSTALLATION OF NEW PLUMBING FIXTURES.
10. REMOVE GABLE END LOUVERS.

CONSTRUCTION NOTES:
OCCURS WHERE (#) ARE INDICATED ON DRAWINGS.

1. REMOVE EXISTING ROOF SHINGLES. REPLACE ANY DAMAGED SHEATHING. INSTALL UNDERLAYMENT AND NEW METAL ROOF PANELS.
2. ALIGN NEW CMU WITH EXISTING.
3. STRIP EXISTING CONCRETE FLOOR. MILL AND APPLY EPOXY BONDING AGENT. APPLY NEW TOPPING TO EXISTING FLOOR TO LEVEL, SEAL NEW CONCRETE.
4. NEW 4" CONCRETE SLAB OVER VAPOR BARRIER AND CRUSHED STONE. DOWEL INTO EXISTING SLAB,
5. ALUMINUM DOWNSPOUTS, TYPICAL.
6. GWB CEILING ON UNDERSIDE OF TRUSSES.

ELEVATION NOTES:
OCCURS WHERE (E#) ARE INDICATED ON DRAWINGS.

E1. NEW ALUMINUM GUTTERS AND DOWNSPOUTS.
E2. DECORATIVE POLYMER BRACKETS. SEE DETAIL 1/A701.
E3. EXISTING BRICK FACADE.
E4. NEW BRICK FACE.
E5. NEW STANDING SEAM METAL ROOF.
E6. PROVIDE CEMENT BOARD SIDING WITH 1x4 TRIM BOARD.
E7. SOLDIER COURSE.
E8 EXHAUST VENT. REFER TO PLUMBING DRAWINGS.

GENERAL NOTES:

1. TOILET ACCESSORY ITEMS ARE INDICATED ON DRAWINGS BY (00)
2. REFER TO CASEWORK ELEVATIONS ON SHEET A701 FOR ADDITIONAL TOILET ACCESSORIES REQUIRED AS PART OF WORK.
3. GRAB BARS AND ACCESSORIES SHALL BE MOUNTED IN ACCORDANCE WITH ADA, 2010.
4. PROVIDE UNDER LAVATORY PROTECTIVE PIPE COVER AT EACH WALL HUNG LAVATORY.
5. ACTUAL DIMENSIONS MAY VARY WITH APPROVED MANUFACTURER. COORDINATE ALL REVISIONS AS REQUIRED.

TOILET ACCESSORY LEGEND

DESCRIPTION	NUMBER	REMARKS
42" HORIZONTAL GRAB BAR	01	CSCI
36" HORIZONTAL GRAB BAR	02	CSCI
18" VERTICAL GRAB BAR	03	CSCI
TOILET TISSUE DISPENSER	04	OSCI
SOAP DISPENSER	05	OSCI
18" x 36" FRAMED MIRROR UNIT	07	CSCI
PAPER TOWEL DISPENSER	11	OSCI
BABY CHANGING STATION	14	CSCI

NOTES:
CSCI - CONTRACTOR SUPPLIED CONTRACTOR INSTALLED
OSCI - OWNER SUPPLIED CONTRACTOR INSTALLED
OSOI - OWNER SUPPLIED OWNER INSTALLED

0 2' 4' 8'
SCALE: 1/4" = 1'-0"

Seal
COMMONWEALTH OF VIRGINIA
ERICA F. SUNSHINE
Lic No. 9129
02/20/2026
ARCHITECT

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
16472 GYPSY HILL PARK RESTROOM IMPROVEMENTS

CONCESSIONS RESTROOM PLANS AND ELEVATIONS

No.	Date	Purpose of Document Issue

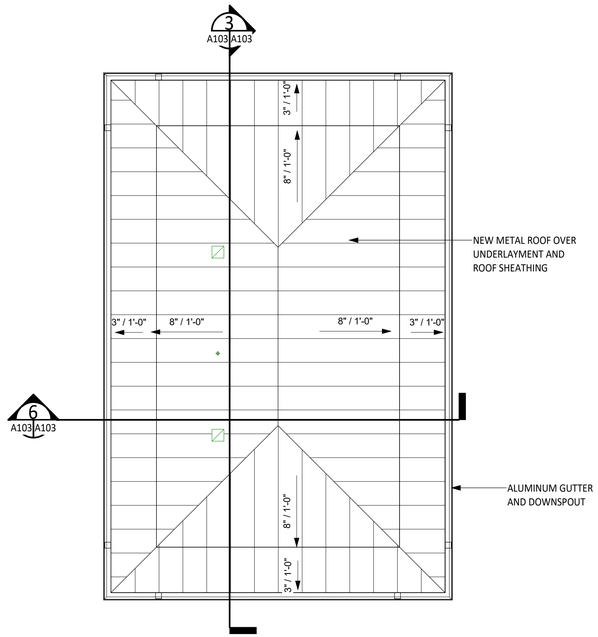
Designed	EFS
Drawn	KCF
Checked	EFS
Date	02/20/2026

Project No.
18861

THOMPSON & LITTON

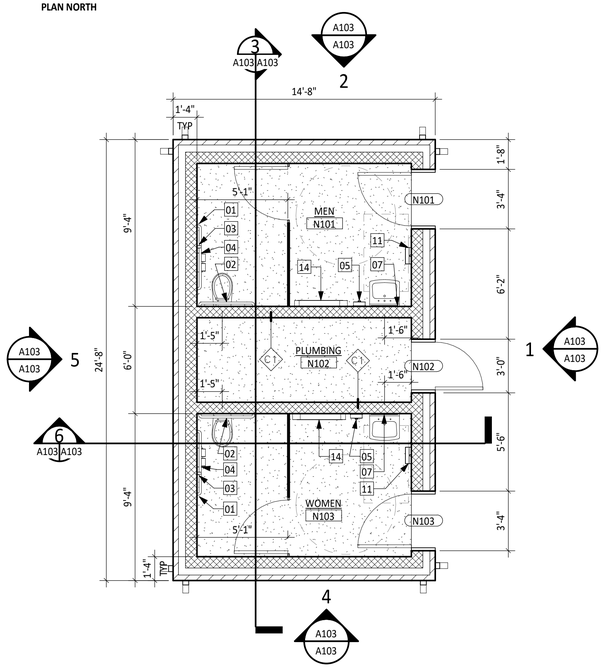
Sheet No.
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Date/Time: 3/11/2026 3:50:29 PM File Name: C:\Users\kathryn_foster\Documents\18861 Gypsy Hill Park Restroom Renovation V25_KfosterWN9B8.rvt



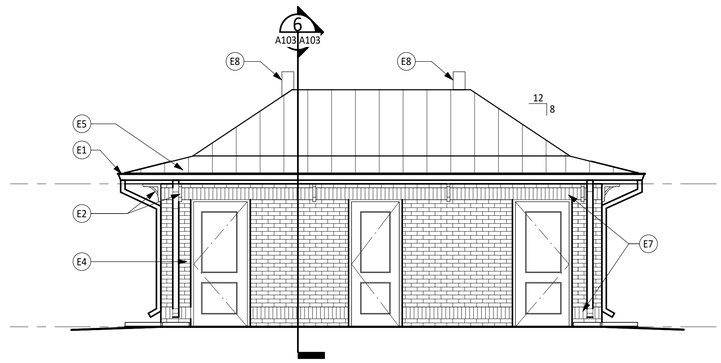
ROOF
1/4" = 1'-0"

PLAN NORTH

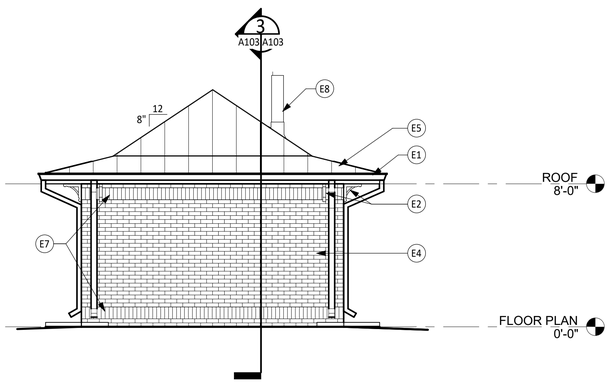


FLOOR PLAN
1/4" = 1'-0"

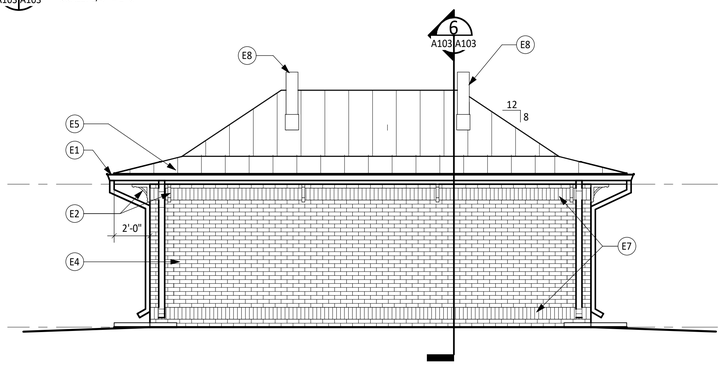
PLAN NORTH



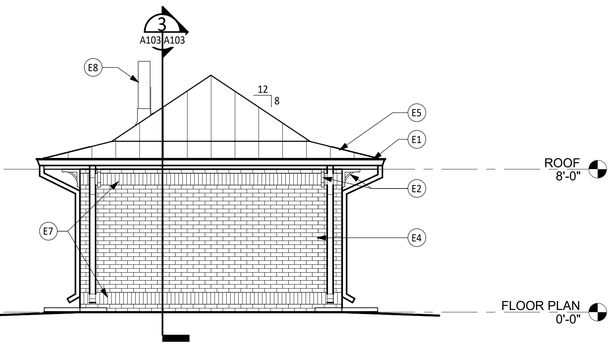
1 EAST ELEVATION
A103|A103 SCALE: 1/4" = 1'-0"



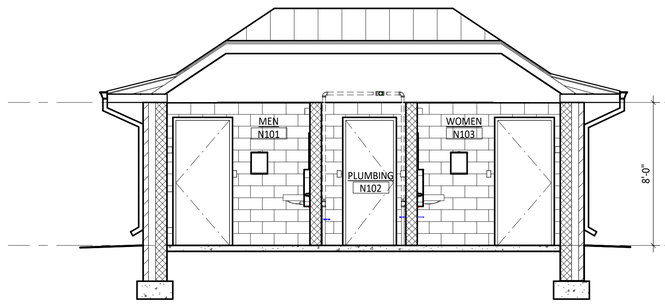
2 NORTH ELEVATION
A103|A103 SCALE: 1/4" = 1'-0"



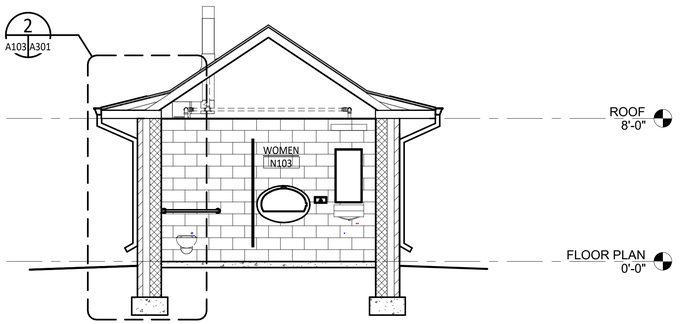
5 WEST ELEVATION
A103|A103 SCALE: 1/4" = 1'-0"



4 SOUTH ELEVATION
A103|A103 SCALE: 1/4" = 1'-0"



3 BUILDING SECTION
A103|A103 SCALE: 1/4" = 1'-0"



6 BUILDING SECTION
A103|A103 SCALE: 1/4" = 1'-0"

ELEVATION NOTES:

OCCURS WHERE (E#) ARE INDICATED ON DRAWINGS.

- E1. NEW ALUMINUM GUTTERS AND DOWNSPOUTS.
- E2. DECORATIVE POLYMER BRACKETS. SEE DETAIL 1/A701.
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- E5. NEW STANDING SEAM METAL ROOF.
- E6. PROVIDE CEMENT BOARD SIDING WITH 1x4 TRIM BOARD.
- E7. SOLDIER COURSE.
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GENERAL NOTES:

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NOTES:
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ARCHITECT

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
16472 GYPSY HILL PARK RESTROOM IMPROVEMENTS

NORTH RESTROOM PLANS AND ELEVATIONS

No.	Purpose of Document Issue	Date

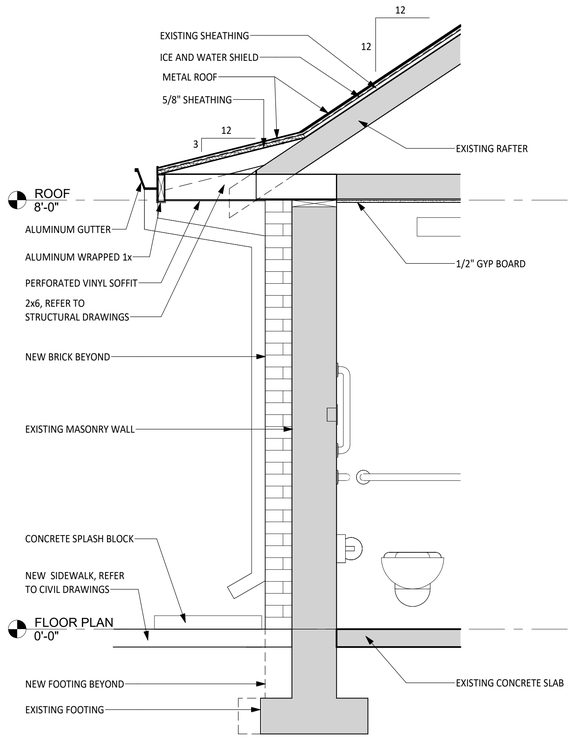
Designed	EFS
Drawn	KCF
Checked	EFS
Date	02/20/2026

Project No.
18861

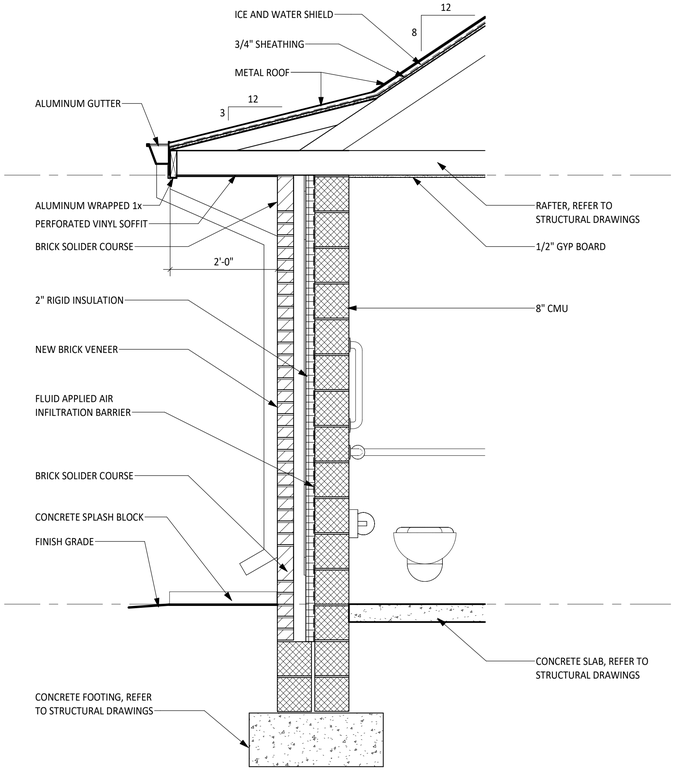
THOMPSON & LITTON

Sheet No.
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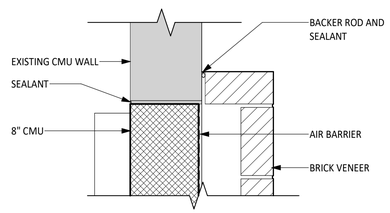
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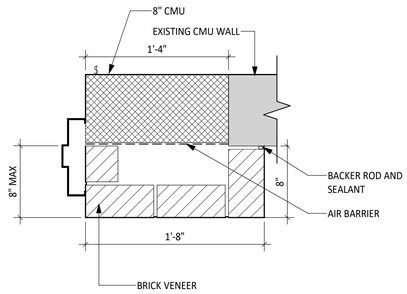
1 A102|A301 **WALL SECTION**
SCALE: 3/4" = 1'-0"



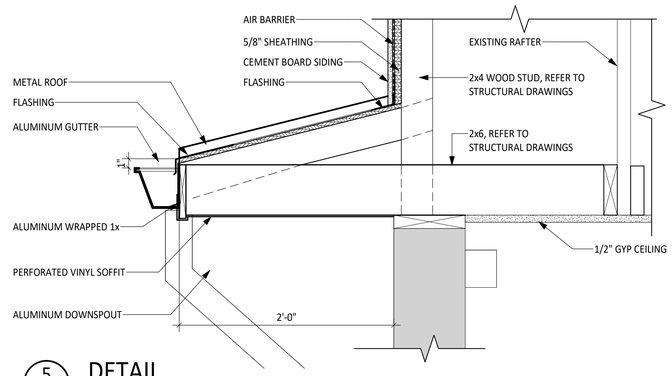
2 A103|A301 **WALL SECTION**
SCALE: 3/4" = 1'-0"



3 A10|A301 **PLAN DETAIL**
SCALE: 1 1/2" = 1'-0"



4 A10|A301 **PLAN DETAIL**
SCALE: 1 1/2" = 1'-0"



5 A10|A301 **DETAIL**
SCALE: 1 1/2" = 1'-0"

0 4" 8" 1'-4"
SCALE: 1 1/2" = 1'-0"

0 4' 8' 16'
SCALE: 1/8" = 1'-0"

16472 GYPSY HILL PARK RESTROOM IMPROVEMENTS

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ARCHITECT

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16472 GYPSY HILL PARK RESTROOM IMPROVEMENTS

WALL SECTIONS

No.	Date	Purpose of Document Issue

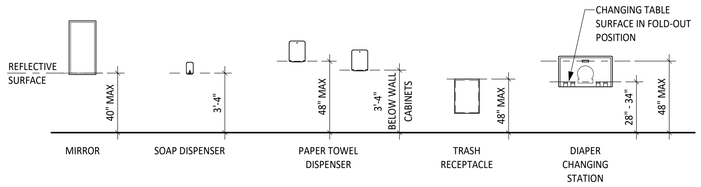
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Checked	EFS
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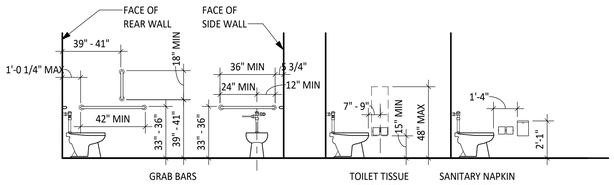
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THOMPSON & LITTON

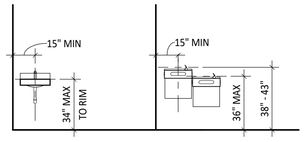
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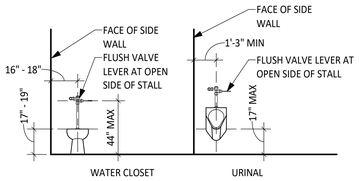
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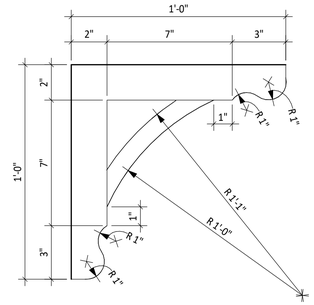


TOILET ACCESSORIES MOUNTING SCHEDULE

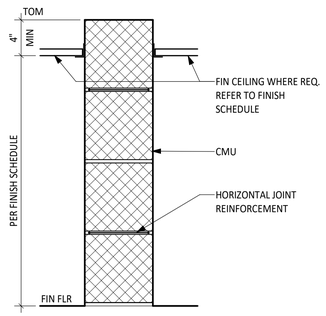




PLUMBING FIXTURES MOUNTING SCHEDULE



1 A701 BRACKET DETAIL
SCALE: 3" = 1'-0"



TYPE	CMU	PART THICK	TOP OF MASONRY
C1	8"	7 5/8"	PER DETAIL ABOVE

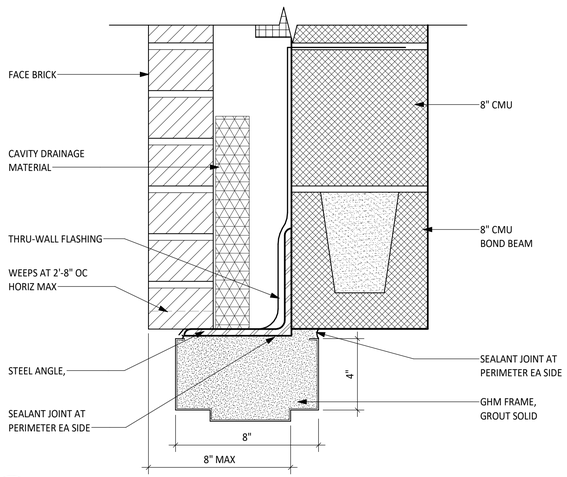
C NON-RATED PARTITION

PARTITION TYPES

1 1/2" = 1'-0"

GENERAL PARTITION NOTES:

1. REFER TO STRUCT DWGS TO CONFIRM LOCATIONS THAT REQUIRE A FOUNDATION OR THICKENED SLAB.
2. PROVIDE GROUT AND VERTICAL REINFORCEMENT AT CMU PARTITION TYPES AS REQUIRED BY STRUCT DWGS.



2 A701 HEAD DETAIL
SCALE: 3" = 1'-0"

FINISH SCHEDULE

ROOM NO	ROOM NAME	FLOOR	BASE	WALLS				CEILING		REMARKS
				NORTH	EAST	SOUTH	WEST	MATERIAL	HEIGHT	
C101	MEN	S CONC	NONE	PNT	PNT	PNT	PNT	GWB	8'-0"	
C102	PLUMBING	S CONC	NONE	PNT	PNT	PNT	PNT	NONE		
C103	WOMEN	S CONC	NONE	PNT	PNT	PNT	PNT	GWB	8'-0"	
N101	MEN	S CONC	NONE	PNT	PNT	PNT	PNT	GWB	8'-0"	
N102	PLUMBING	S CONC	NONE	PNT	PNT	PNT	PNT	NONE		
N103	WOMEN	S CONC	NONE	PNT	PNT	PNT	PNT	GWB	8'-0"	
P101	WOMEN	S CONC	NONE	PNT	PNT	PNT	PNT	GWB	8'-0"	
P102	PLUMBING	S CONC	NONE	PNT	PNT	PNT	PNT	NONE		
P103	MEN	S CONC	NONE	PNT	PNT	PNT	PNT	GWB	8'-0"	

GENERAL FINISH NOTES:

1. PAINT ALL HOLLOW METAL DOORS AND FRAMES, METAL STAIRS, STEEL PIPE HANDRAILS/GUARDRAILS, AND ALL OTHER MISCELLANEOUS FERROUS METALS WITHIN EACH SPACE.
2. PROVIDE MOISTURE- AND MOLD-RESISTANT GYPSUM CEILINGS IN LIEU OF STANDARD GYPSUM CEILINGS AT ALL LAVATORY, TOILET, AND SHOWER AREAS.

FINISH SCHEDULE LEGEND	
ACT	ACOUSTIC CEILING TILE
CPT	CARPET
CT	CERAMIC TILE
EPOXY	EPOXY PAINT
EXP	EXPOSED CONSTRUCTION
PNT	PAINTED FINISH (REFER TO PARTITION TYPES FOR SUBSTRATE)
RUBBER	4-INCH RUBBER WALLBASE
S CONC	SEALED CONCRETE
VCT	VINYL COMPOSITION TILE

DOOR SCHEDULE

MARK	OPENING SIZE			DOOR				FRAME				DETAILS		REMARKS
	NO OF LEAFS	WIDTH	HEIGHT	MATERIAL	THICKNESS	TYPE	HDW SET NO	TYPE	MATERIAL	DEPTH	PROFILE	HEAD	JAMB	
C101	1	3'-0"	7'-0"	HM	1 3/4"	FP	1	1	HM	8 3/4"	1	2A701	4A301	
C102	1	2'-0"	6'-8"	HM	1 3/4"	FP	2	1	HM	8 3/4"	1	2A701	4A301	
C103	1	3'-0"	7'-0"	HM	1 3/4"	FP	1	1	HM	8 3/4"	1	2A701	4A301	
N101	1	3'-0"	7'-0"	HM	1 3/4"	FP	1	1	HM	8 3/4"	1	2A701	4A301	
N102	1	2'-8"	7'-0"	HM	1 3/4"	FP	2	1	HM	8 3/4"	1	2A701	4A301	
N103	1	3'-0"	7'-0"	HM	1 3/4"	FP	1	1	HM	8 3/4"	1	2A701	4A301	
P101	1	3'-0"	7'-0"	HM	1 3/4"	FP	3	1	HM	8 3/4"	1	2A701	4A301	
P102	1	2'-0"	6'-8"	HM	1 3/4"	FP	2	1	HM	8 3/4"	1	2A701	4A301	
P103	1	3'-0"	7'-0"	HM	1 3/4"	FP	3	1	HM	8 3/4"	1	2A701	4A301	

DOOR HARDWARE SETS:

SET 1: DOORS C101, C103, N101, N103
- 1 CONTINUOUS HINGE
- 1 PASSAGE LOCKSET (HC)
- 1 DEADBOLT - KEYED BOTH SIDES
- 1 CLOSER

SET 2: DOORS C102, N102, P102
- 1 CONTINUOUS HINGE
- 1 STOREROOM LOCKSET (HC)
- 1 CLOSER

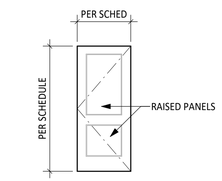
SET 3: DOORS P101, P103
- 1 CONTINUOUS HINGE
- 1 PASSAGE LOCKSET (HC)
- 1 DEADBOLT WITH KEYED OUTSIDE AND THUMBTURN INSIDE
- 1 CLOSER

ALL DOORS TO RECEIVE:
- 8" STAINLESS STEEL KICKPLATE ON INTERIOR
- SILENCERS
- DOOR STOPS

GENERAL DOOR NOTES:

1. PROVIDE CONTINUOUS BEAD OF SEALANT AT PERIMETER OF EACH SIDE OF OPENING FRAME. COORDINATE SEALANT TYPE WITH SEALANT SCHEDULED IN SPECIFICATIONS.
2. PROVIDE DOORS WITH A 3/4" UNDERCUT (UON).
3. INSTALL GLAZED OPENINGS WITH REMOVABLE GLAZING STOP ON SIDE OPPOSITE PUBLIC OCCUPIED AREAS UNLESS OTHERWISE INDICATED.
4. REFER TO SPECIFICATION SECTION 087100 - "DOOR HARDWARE" FOR HARDWARE SETS.

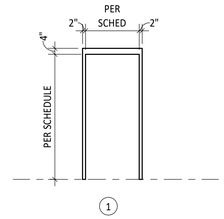
DOOR SCHEDULE LEGEND	
A CLAD	ALUMINUM-CLAD WOOD
HM	HOLLOW METAL
GHM	GALVANIZED HOLLOW METAL
IG-1	1" INSULATED LOW-E GLASS
G-1	1/4" TEMPERED FLOAT GLASS
MANUF	PER MANUFACTURER
SF	ALUMINUM STOREFRONT
SHM	SECURITY HOLLOW METAL DOOR
STL	STEEL OVERHEAD COILING DOOR
WD	WOOD



NOTE: REFER TO DOOR SCHEDULE FOR DOOR MATERIAL REQUIREMENTS.

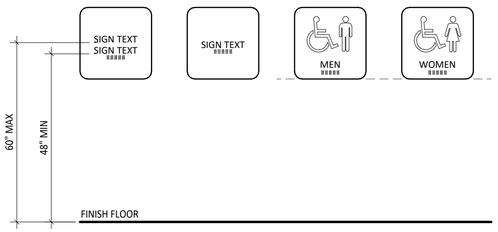
DOOR TYPE

1/4" = 1'-0"



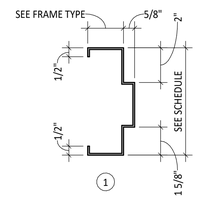
FRAME TYPE

1/4" = 1'-0"



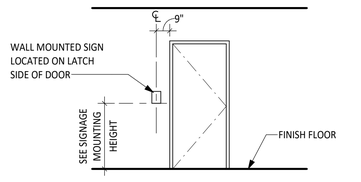
SIGNAGE MOUNTING HEIGHT

1 1/2" = 1'-0"



FRAME PROFILES

3" = 1'-0"



SIGNAGE LOCATION

1/4" = 1'-0"

0 2" 4" 8" SCALE: 3" = 1'-0"
0 4" 8" 1'-4" SCALE: 1 1/2" = 1'-0"
0 2' 4' 8' SCALE: 1/4" = 1'-0"

Seal
COMMONWEALTH OF VIRGINIA
ERICA F. SUNSHINE
Lic No. 9129
02/20/2026
ARCHITECT

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
16472 GYPSY HILL PARK RESTROOM IMPROVEMENTS

FINISH & DOOR SCHEDULES, NOTES, & LEGEND

No.	Date	Purpose of Document Issue

Designed	EFS
Drawn	KCF
Checked	EFS
Date	02/20/2026

Project No. 18861

THOMPSON & LITTON

Sheet No. A701

Date/Time: 3/11/2026 3:50:31 PM File Name: C:\Users\kathryn_foster\Documents\18861 Gypsy Hill Park Restroom Renovation V25_kfosterWN9BB.rvt

GENERAL

1. THE CONTRACTOR SHALL INVESTIGATE ACTUAL LOCATIONS OF UNDERGROUND LINES AND UTILITIES BEFORE EXCAVATING AND ADVISE ENGINEER OF ANY VARIATIONS. ALL EXCAVATIONS NEAR THESE LINES TO BE CARRIED OUT WITH EXTREME CAUTION.
2. THE CONTRACTOR SHALL CONTACT "MISS UTILITY OF VIRGINIA" 72 HOURS BEFORE ANY EXCAVATION WORK IS BEGUN. "MISS UTILITY OF VIRGINIA" MAY BE REACHED AT 1-800-552-7001.
3. THE CONTRACTOR SHALL REFER TO DRAWINGS OF OTHER TRADES AND VENDOR DRAWINGS FOR EMBEDDED ITEMS AND RECESSES NOT SHOWN ON THE STRUCTURAL DRAWINGS.
4. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS OF EXISTING CONSTRUCTION WHICH AFFECT NEW CONSTRUCTION AND REPORT VARIATIONS TO THE ENGINEER PRIOR TO SUBMISSION OF SHOP DRAWINGS.
5. THE CONTRACTOR SHALL VERIFY ALL SIZES AND LOCATIONS OF ALL MECHANICAL AND ELECTRICAL OPENINGS AND EQUIPMENT PADS WITH THE MECHANICAL AND ELECTRICAL EQUIPMENT DETAILS AND SHOP DRAWINGS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ALL OPENINGS AND SLEEVES FOR THE PROPER DISTRIBUTION OF ALL UTILITY LINES THROUGHOUT THE BUILDING.
6. SEE ARCHITECTURAL DRAWINGS FOR THE LOCATION OF WINDOW AND DOOR OPENINGS AND FOR OTHER INFORMATION NOT SHOWN.
7. THE CONTRACTOR SHALL PROVIDE ADEQUATE BRACING FOR THE STRUCTURE SO THAT IT WILL BE STABLE DURING ALL STAGES OF CONSTRUCTION. THE STRUCTURE AND FOUNDATIONS ARE DESIGNED FOR A COMPLETED CONDITION ONLY AND, THEREFORE, REQUIRE ADDITIONAL SUPPORT TO MAINTAIN STABILITY BEFORE COMPLETION.

CONCRETE

1. ALL FOOTINGS AND FOUNDATIONS ARE DESIGNED FOR AN ASSUMED ALLOWABLE SOIL BEARING PRESSURE OF 1500 PSF. FOOTINGS ARE TO BEAR ON UNDISTURBED SOIL OR COMPACTED, ENGINEERED FILL. ALL FOOTING EXCAVATIONS SHALL BE APPROVED BY A QUALIFIED SOILS TECHNICIAN OR ENGINEER. REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO PLACING CONCRETE.
2. UNLESS OTHERWISE NOTED ON THE DRAWINGS OR IN THE SPECIFICATIONS, ALL CONCRETE SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI FOR FOUNDATIONS AND 4000 PSI FOR ALL OTHER CONCRETE IN 28 DAYS.
3. UNLESS OTHERWISE NOTED, ALL REINFORCING STEEL SHALL BE GRADE 60, DEFORMED BARS, CONFORMING TO ASTM A-615.
4. REINFORCING STEEL SHALL NOT BE WELDED UNLESS APPROVED BY THE ENGINEER.
5. UNLESS OTHERWISE NOTED, ALL DETAILING, FABRICATION AND PLACING OF REINFORCING STEEL SHALL CONFORM TO THE ACI MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES (ACI SP-66-LATEST EDITION).
6. UNLESS OTHERWISE NOTED ON THE DRAWINGS OR IN THE SPECIFICATIONS, ALL CONCRETE COVER FOR REINFORCING STEEL SHALL BE AS FOLLOWS:
   a. 3" FOR CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH.
   b. 1 1/2" FOR #5 BARS AND SMALLER FOR CONCRETE EXPOSED TO EARTH OR WEATHER.
7. ALL BAR SPLICES SHALL BE CLASS "B" TENSION SPLICES UNLESS OTHERWISE NOTED.
8. PROVIDE 2- #4 DIAGONAL BARS IN THE TOP FACE OF SLAB-ON-GRADE AT ALL RE-ENTRANT CORNERS. EXTEND REINFORCING BARS PAST RE-ENTRANT CORNERS A MINIMUM OF TENSION DEVELOPMENT LENGTH (Ld).
9. CHAMFER ALL EXPOSED EXTERNAL CORNERS OF CONCRETE WITH 3/4" X 45 DEGREE CHAMFER UNLESS NOTED OTHERWISE.
10. UNLESS OTHERWISE NOTED, REINFORCE ALL CONCRETE SLABS-ON-GRADE WITH 6X6 - W2.9 X W2.9 WELDED WIRE FABRIC.
11. WELDED WIRE FABRIC REINFORCING SHALL LAP ONE FULL MESH AND BE SECURELY WIRED AT EACH SIDE AND END.

MASONRY

NOTE: THESE NOTES APPLY TO WALLS SHOWN ON THE STRUCTURAL DRAWINGS ONLY.

1. UNLESS NOTED OTHERWISE, THE TOP COURSE OF ALL CONCRETE MASONRY WALLS SHALL BE A BOND BEAM REINFORCED WITH 2- #4 REINFORCING BARS.
2. BOND BEAMS SHALL BE CONTINUOUS THROUGH ALL CORNERS AND SHALL TIE ALL WALL TERMINATIONS TO THE PERPENDICULAR WALL AT WALL INTERSECTIONS.
3. UNLESS NOTED OTHERWISE, ALL CONCRETE MASONRY WALLS SHALL HAVE VERTICAL REINFORCEMENT CONSISTING OF 1-#4 REINFORCING BAR, IN A FULLY GROUTED CELL, AT A MINIMUM OF 32-INCHES C/C. PROVIDE 3-#4 REINFORCING BARS AT ALL WALL CORNERS AND INTERSECTIONS. PROVIDE 2-#4 REINFORCING BARS AT ENDS OF WALLS AND AT EACH SIDE OF OPENINGS. REINFORCEMENT SHALL EXTEND FROM SUPPORT TO SUPPORT.
4. UNLESS NOTED OTHERWISE, ALL CONCRETE MASONRY WALLS SHALL HAVE HORIZONTAL REINFORCEMENT CONSISTING OF 2-#4 REINFORCING BAR, IN A FULLY GROUTED BOND BEAM, AT THE TOP AND BOTTOM OF ALL WALL OPENINGS. REINFORCEMENT SHALL EXTEND A MINIMUM OF 24" PAST THE EDGE OF THE OPENING.
5. ALL CONCRETE MASONRY WALLS SHALL HAVE JOINT REINFORCEMENT, AS DEFINED IN THE SPECIFICATIONS, PLACED HORIZONTALLY ON 16" CENTERS. REINFORCEMENT SHALL EXTEND INTO INTERSECTING WALLS.
6. GROUT FILL ALL CELLS OF CONCRETE MASONRY WALLS BELOW GRADE. GROUT FILL ALL CAVITIES BELOW GRADE IN MULTI-WYTHE WALLS.

RENOVATION AND EXISTING STRUCTURES

1. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, ETC., NECESSARY FOR THE PROPER CONSTRUCTION AND ALIGNMENT OF THE NEW PORTIONS OF THE STRUCTURE TO THE EXISTING STRUCTURE. THE CONTRACTOR SHALL VERIFY ALL MEASUREMENTS NECESSARY FOR PROPER FABRICATION AND ERECTION OF ALL STRUCTURAL MEMBERS.
2. BEFORE PROCEEDING WITH ANY WORK WITHIN OR ADJACENT TO THE EXISTING STRUCTURE, THE CONTRACTOR SHALL BECOME FAMILIAR WITH EXISTING CONDITIONS. DURING THE PROCESS OF CONSTRUCTION, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE INTEGRITY OF THE EXISTING STRUCTURE WHERE THE EXISTING STRUCTURE IS MODIFIED TO ACCOMMODATE NEW CONSTRUCTION AND TO PROTECT FROM DAMAGE THOSE PORTIONS OF THE EXISTING STRUCTURE, WHICH ARE TO REMAIN.
3. THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE OF ANY EXISTING CONDITIONS THAT DIFFER FROM THOSE INDICATED ON THE DRAWINGS.

WOOD

1. UNLESS OTHERWISE NOTED, ALL FRAMING FOR LOAD-BEARING WALLS SHALL BE SPRUCE-PINE-FIR (SOUTH) NO. 2 OR BETTER. ALL HEADERS AND RAFTERS SHALL BE SOUTHERN PINE #2 OR BETTER.
2. ALL WOOD CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THE AMERICAN INSTITUTE OF TIMBER CONSTRUCTION AND THE NATIONAL FOREST PRODUCTS ASSOCIATION (NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION).
3. SEE THE ARCHITECTURAL DRAWINGS FOR SUPPLEMENTARY INFORMATION.
4. UNLESS NOTED OTHERWISE, ALL SILL PLATES SHALL BE CONNECTED TO THE CMU BOND BEAMS AS SHOWN WITH A MINIMUM 1/2" DIAMETER ANCHOR BOLTS WITH A MINIMUM EMBEDMENT OF 8" SPACED AT 32" C/C, AT EACH SIDE OF ALL WALL CORNERS, ENDS OF WALLS, AND AT EACH SIDE OF OPENINGS.
5. UNLESS OTHERWISE NOTED, PLYWOOD SHALL BE INSTALLED CONTINUOUS OVER TWO OR MORE SPANS WITH FACE GRAIN PERPENDICULAR TO SUPPORTS AND NAILED TO ALL SUPPORTS AT 6 INCHES ON CENTER WITH 6d NAILS FOR PANELS 1/2 INCH AND LESS AND 8d FOR GREATER THICKNESSES. ALL PANEL JOINTS SHALL OCCUR OVER FRAMING. PROVIDE EDGE SUPPORT WHERE INDICATED ON DRAWINGS OR AS RECOMMENDED BY APA.

WOOD TRUSSES

1. WOOD ROOF TRUSSES SHALL BE DESIGNED AND FABRICATED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE FOLLOWING SPECIFICATIONS: THE NATIONAL DESIGN SPECIFICATIONS FOR STRESS GRADE LUMBER AND ITS FASTENINGS BY NFPA; TIMBER CONSTRUCTION MANUAL, AITC AND THE DESIGN SPECIFICATIONS FOR LIGHT METAL PLATE CONNECTED WOOD TRUSSES BY THE PLATE TRUSS INSTITUTE.
2. THE TRUSSES SHALL BE DESIGNED FOR AN ULTIMATE ROOF SNOW LOAD OF 40.4 PSF, SELF WEIGHT PLUS A TOP CHORD DEAD LOAD OF 5 PSF, LIVE LOAD OF 20 PSF AND A BOTTOM CHORD DEAD LOAD OF 6 PSF. THE MAXIMUM LIVE LOAD DEFLECTION SHALL BE L/240.
3. THE TRUSSES ARE SHOWN ON THE FRAMING PLAN FOR CLARITY ONLY. ACTUAL TRUSS LAYOUT INCLUDING BRACING, STRAPPING AND CONNECTION DETAILS TO SUPPORTING MEMBERS SHALL BE AS SPECIFIED BY THE MANUFACTURER AND THE DESIGN SHALL BE PERFORMED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE COMMONWEALTH OF VIRGINIA.
4. SEE THE ARCHITECTURAL DRAWINGS FOR SUPPLEMENTARY INFORMATION.

DESIGN CRITERIA

1. **GOVERNING CODES:**
   2021 VIRGINIA CONSTRUCTION CODE (VCC), PART I OF VIRGINIA UNIFORM STATEWIDE BUILDING CODE (USBC) EFFECTIVE JANUARY 18, 2024

   2021 VIRGINIA EXISTING BUILDING CODE (VEBC), PART II OF VIRGINIA UNIFORM STATEWIDE BUILDING CODE (USBC) EFFECTIVE JANUARY 18, 2024

2. **ROOF LOADS**

ROOFING	2 PSF
SHEATHING	3 PSF
FRAMING	3 PSF
INSULATION	2 PSF
SUSPENDED CEILING	2 PSF
SUSPENDED UTILITIES (MEP)	2 PSF
LIVE LOAD	20 PSF

3. **SNOW LOADS**

ULTIMATE GROUND SNOW LOADS (Pg)	48 PSF
ASD MINIMUM SNOW LOAD (Pm)	30 PSF
ULTIMATE FLAT ROOF SNOW LOAD (Pf)	40.4 PSF
RISK CATEGORY	II
SNOW IMPORTANCE FACTOR (Is)	1.0
SNOW EXPOSURE FACTOR (Ce)	1.0
THERMAL FACTOR (Ct)	1.2

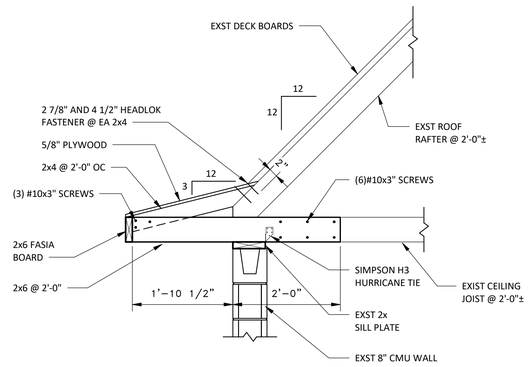
4. **WIND LOADS**

ULTIMATE DESIGN WIND SPEED	115 MPH
ALLOWABLE DESIGN WIND SPEED	89 MPH
EXPOSURE CATEGORY	C
RISK CATEGORY	II
INTERNAL PRESSURE COEFFICIENT (GCpi)	±0.18
ASD COMPONENT AND CLADDING PRESSURE (ROOF)	+13/-38 PSF
ASD COMPONENT AND CLADDING PRESSURE (WALL)	+18/-24 PSF

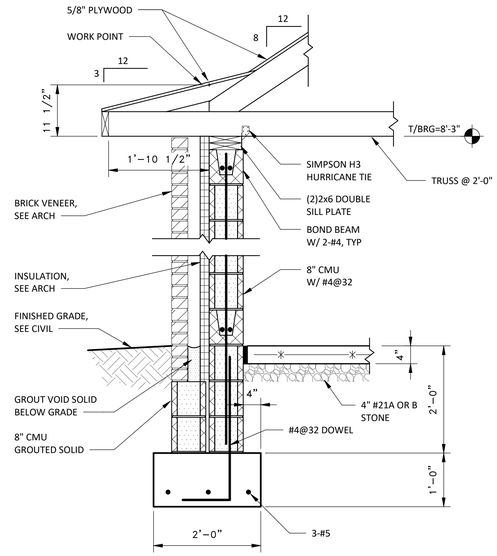
(POSITIVE INDICATES PRESSURE ACTING TOWARD SURFACE AND NEGATIVE INDICATES PRESSURE ACTING AWAY FROM THE SURFACE)

5. **SEISMIC LOADS:**

MAPPED SPECTRAL RESPONSE ACCELERATION (SHORT PERIOD), S_S	0.170
MAPPED SPECTRAL RESPONSE ACCELERATION (1-SEC), S_1	0.058
DESIGN SPECTRAL RESPONSE ACCELERATION (SHORT PERIOD), S_{DS}	0.140
DESIGN SPECTRAL RESPONSE ACCELERATION (1-SEC), S_{D1}	0.082
SOIL SITE CLASSIFICATION	D
RISK CATEGORY	II
SEISMIC IMPORTANCE FACTOR	1.0
SEISMIC DESIGN CATEGORY	B
BUILDING SYSTEM	BEARING WALL SYSTEM
SEISMIC FORCE RESISTING SYSTEM	INTERMEDIATE REINFORCED MASONRY SHEAR WALLS
RESPONSE MODIFICATION FACTOR, R	3.5
SYSTEM OVER-STRENGTH FACTOR, W_0	2.5
DEFLECTION AMPLIFICATION FACTOR, C_d	2.25
SEISMIC RESPONSE COEFFICIENT, C_s	0.040
PROCEDURE USED	EQUIVALENT LATERAL FORCE



SECTION 1 (S100|S001)
SCALE: 3/4" = 1'-0"



SECTION 2 (S100|S001)
SCALE: 3/4" = 1'-0"

0 8" 1'-4" 2'-8"
SCALE: 3/4" = 1'-0"

Seal
COMMONWEALTH OF VIRGINIA
KEITH A. ALMONEY
Lic. No.38285
PROFESSIONAL ENGINEER
2-20-2026

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
GYPSY HILL PARK RESTROOM IMPROVEMENTS
GENERAL NOTES, DESIGN CRITERIA, SECTIONS AND DETAILS

No.	Date	Purpose of Document Issue

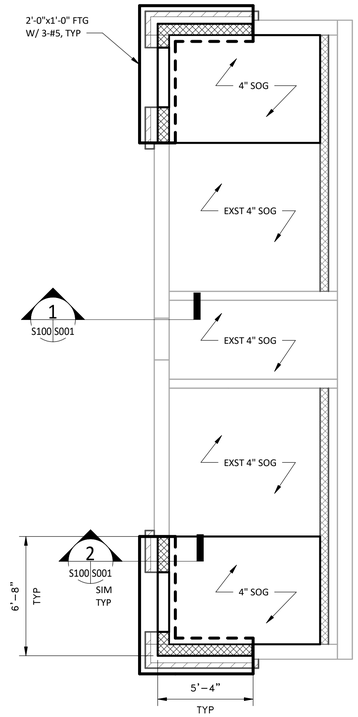
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Drawn	MLT
Checked	KAA
Date	02/20/2026

Project No. 18861

THOMPSON & LITTON

Sheet No. S001

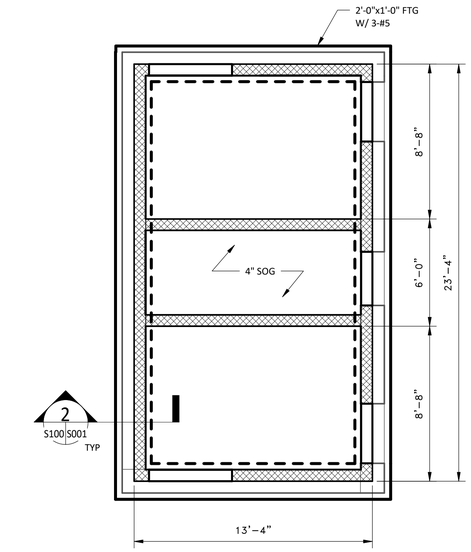
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FOUNDATION/SLAB PLAN-CONCESSIONS RESTROOM

1/4" = 1'-0"

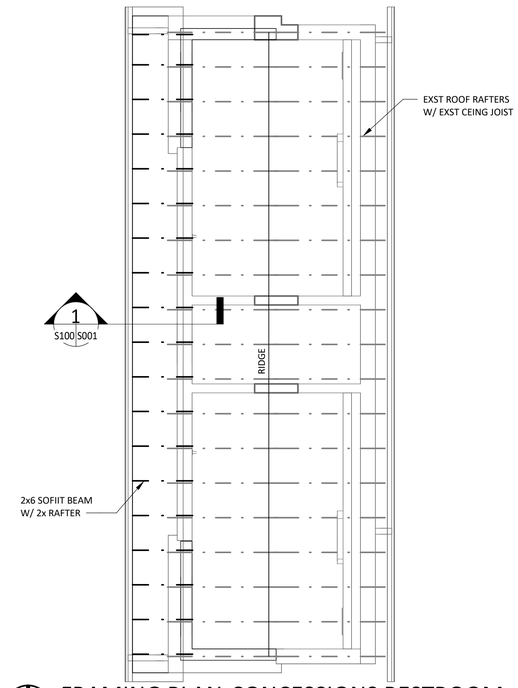
PLAN NORTH



FOUNDATION/SLAB PLAN-NORTH RESTROOM

1/4" = 1'-0"

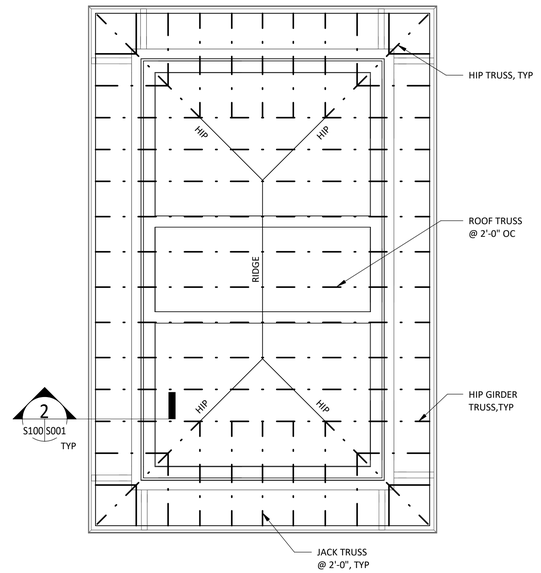
PLAN NORTH



FRAMING PLAN-CONCESSIONS RESTROOM

1/4" = 1'-0"

PLAN NORTH



FRAMING PLAN-NORTH RESTROOM

1/4" = 1'-0"

PLAN NORTH

0 2' 4' 8'

SCALE: 1/4" = 1'-0"

Seal

COMMONWEALTH OF VIRGINIA
KEITH A. ALMONEY
Lic. No.38285
2-20-2026
PROFESSIONAL ENGINEER

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
GYPSY HILL PARK RESTROOM IMPROVEMENTS

FOUNDATION/SLAB AND FRAMING PLANS

No.	Date	Purpose of Document Issue

Designed	KAA
Drawn	MLT
Checked	KAA
Date	02/20/2026

Project No.
18861

THOMPSON & LITTON

Sheet No.
S100

GYPSY HILL PARK RESTROOM IMPROVEMENTS

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PLUMBING SPECIFICATIONS

PART 1. GENERAL:

1.01. PLUMBING SYSTEMS: WORK INCLUDED UNDER THIS SECTION CONSISTS OF PLUMBING WORK, PRINCIPAL SYSTEMS OF WHICH ARE AS FOLLOWS:

A. WATER SUPPLY SYSTEM: MAKE CONNECTIONS TO EXISTING WATER SYSTEMS. EXTEND AND CONNECT HOT AND COLD WATER TO FIXTURES AND EQUIPMENT PROVIDED UNDER THIS AND OTHER SECTIONS.
B. WASTE PIPING SYSTEM: PROVIDE SANITARY WASTE DRAINAGE AND VENT PIPING INCLUDING CONNECTING FIXTURES PROVIDED UNDER THIS AND OTHER SECTIONS.
C. PLUMBING FIXTURES: PROVIDE PLUMBING FIXTURES, TRIM AND RELATED ITEMS SUCH AS SUPPLIES, TRAPS, DRAINS, CLEANOUTS, WATER CLOSETS SEATS AND COVERS, FIXTURE SUPPORTS AND OTHER ACCESSORY ITEMS.

1.02. CONNECTIONS FOR EQUIPMENT FURNISHED BY OTHERS:

A. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL ROUGHING-IN CONNECTIONS FOR EQUIPMENT REQUIRING WATER, DRAINS, ETC.
B. CONTRACTOR SHALL PROVIDE ALL STOPS, SUPPLIES, TRAPS, TAILPIECES, PRESSURE REDUCING VALVES, VACUUM BREAKERS, ETC. AS REQUIRED TO MAKE EACH SINK OR PIECE OF EQUIPMENT OPERABLE.

PART 2. PRODUCTS:

2.01. BACKFLOW PREVENTERS:

A. BACKFLOW PREVENTERS WHERE REQUIRED BY LOCAL AUTHORITIES SHALL BE WATTS NO. 900 SERIES, OR APPROVED SUBSTITUTE, COMPLETE WITH GATE VALVES, STRAINERS, TEST COCKS INSTALLED WITH REQUIRED AIR GAP AT VENT OPENING TO DRAIN LINE.
B. ALL BACKFLOW PREVENTERS SHALL BE COMPLETE WITH FUNNEL AND REQUIRE AIR GAP, PIPE DISCHARGE TO NEAREST SUITABLE DRAIN.

2.02. ACCESS PANELS:

PROVIDE MINIMUM 12" X 12" ACCESS PANELS AT LOCATIONS NECESSARY FOR ACCESS TO VALVES, SHOCK ABSORBERS, TRAP PRIMERS, ETC. COORDINATE LOCATION OF ACCESS PANELS WITH GENERAL CONTRACTOR.

2.03. INTERIOR WATER PIPING:

A. PIPING ABOVE GROUND: PIPING 3" AND SMALLER SHALL BE ASTM B-88 HARD DRAWN TYPE L COPPER ASSEMBLED WITH WROUGHT COPPER SOLDER FITTINGS. PIPING LARGER THAN 3" SHALL BE ASTM 1-120-55 GALVANIZED STEEL WITH GALVANIZED MALLEABLE IRON FITTINGS.
B. PIPING BELOW GROUND: ALL PIPING SHALL BE TYPE K COPPER, ASTM B-88.
C. BRASS OR BRONZE ADAPTOR FITTING SHALL BE USED WHERE NECESSARY AND SHALL BE IRON PIPE SIZE AND THICKNESS WHERE REQUIRED FOR FIXTURE OR EQUIPMENT CONNECTIONS. CONNECTIONS OF COPPER PIPE TO FERROUS PIPE SHALL BE MADE WITH DIELECTRIC UNIONS OR COUPLINGS.

2.04. INTERIOR SANITARY SEWERS:

A. WASTE AND VENT PIPING ABOVE GRADE SHALL BE SCHEDULE 40 PVC WITH D.W.V. FITTINGS. PVC PIPE SHALL NOT BE USED IN RETURN AIR PLENUMS.
B. CONTRACTOR'S OPTION: NO HUB CAST IRON TYPE CIS.

2.05. CLEANOUTS

A. CLEANOUTS SHALL BE JOSAM, J.R. SMITH, ZURN, OR APPROVED SUBSTITUTE, AND SHALL BE INSTALLED FULL SIZE OF TRAP OR PIPE. FULL SIZE WYE AND TEE BRANCHES SHALL BE PROVIDED FOR CLEANOUTS AS REQUIRED BY CONDITIONS AT THE BUILDING. CLEANOUT PLUGS SHALL BE CAST IRON WITH NEOPRENE OR LEAD SEALS AND SHALL BE LUBRICATED.

2.06. PRESSURE REDUCING VALVES:

A. PRESSURE REDUCING VALVES SHALL BE INSTALLED WHEN WATER PRESSURE AT BUILDING EXCEEDS 80 POUNDS AND AS INDICATED ON THE DRAWINGS. THE REDUCING VALVES SHALL BE INSTALLED COMPLETE WITH INLET STRAINER, 3-VALVE BYPASS, AND PRESSURE GAUGES ON THE REDUCED AND INCOMING PRESSURE SIDE.
B. PRESSURE REDUCING VALVES FOR WATER SERVICE 2" AND SMALLER SHALL BE HONEYWELL BRAUKMANN D06 AND D07 OR WATT U5B SUITABLE FOR REDUCING PRESSURE FROM APPROXIMATELY 300 POUND TO 40 POUNDS. 3" AND 4" WATER SERVICE WATTS 127-W.

2.10. PLUMBING FIXTURES:

A. PROVIDE PLUMBING FIXTURES AND DRAINS AS LISTED AND DESCRIBED HEREIN. FIXTURE NUMBERS ARE ZURN & WHILLOUGHBY INDUSTRIES. EQUAL FIXTURES BY ELJER, CRANE, OR KOHLER WILL BE CONSIDERED EQUAL.
B. ALL FIXTURES DESIGNED FOR HANDICAP USE SHALL BE MOUNTED AT HANDICAP HEIGHT AS INDICATED BY HANDICAP CODE USED IN LOCAL AREA.
C. TOILETS AND LAVATORIES ARE TO BE SECURITY GRADE FIXTURES.
D. DRAINS TO BE JOSAM, ZURN, J.R. SMITH OR WADE

2.11. INSULATION (DOMESTIC WATER):

INSULATE DOMESTIC HOT AND COLD WATER LINES WITH (A) FLEXIBLE TUBULAR ELASTOMERIC SLIP-ON FLEXIBLE TYPE ½" FOR C.W. AND ¾" FOR H.W. UNLESS NOTED OTHERWISE, (B) FOR PIPING ABOVE FINISHED CEILING INSULATE WITH 1 ½" THICK, 4 LB. DENSITY SNAP-ON TYPE FIBERGLASS WITH FACTORY APPLIED JACKET WITH REINFORCED VAPOR BARRIER.

WATER HEATER SCHEDULE (ELECTRIC)							
WATER HEATER	MODEL	TURN-ON FLOW RATE GPM	H.W. SIZE	C.W. SIZE	LOCATION	VOLTAGE	WATTS
WH-1	FLOWCO SPEX35	0.3	3/8"	3/8"	POINT OF USE	240 V	3.5kW

PART 3. EXECUTION:

3.01. DOMESTIC WATER PIPING:

A. FROM COLD WATER MAIN EXTEND DISTRIBUTION MAINS, RISERS, AND BRANCHES TO ALL EQUIPMENT AND FIXTURES REQUIRING COLD WATER CONNECTIONS. FROM HOT WATER GENERATORS EXTEND SIMILAR LINES TO ALL EQUIPMENT AND FIXTURES REQUIRING HOT WATER CONNECTIONS. INSTALL A VALVE IN EACH MAJOR BRANCH TAKE-OFF IN THE HOT AND COLD WATER DISTRIBUTION MAINS AND ELSEWHERE AS NECESSARY FOR CONTROL OF THE SYSTEM OR AS SHOWN ON THE DRAWINGS.
B. WATER SUPPLY PIPING SHALL BE RUN SO THAT THE SYSTEM CAN BE DRAINED AT THE LOW POINT BY OPENING VALVES; PROVIDE DRAIN VALVES AT LOW POINTS, ¾" SIZE IF NOT OTHERWISE NOTED. RUN PIPING CONCEALED IN CHASES, PIPE SHAFTS, AND SPACE ABOVE CEILINGS THROUGHOUT FINISHED SPACES, EXCEPT AT FIXTURE CONNECTIONS AND ELSEWHERE AS SPECIFICALLY NOTED OTHERWISE.

3.02. WASTE, VENT, AND DRAINAGE:

A. USE REDUCING FITTINGS FOR CHANGES IN PIPE SIZE.
B. FITTINGS FOR WASTE, VENT, AND DRAINAGE PIPING TO BE DRAINAGE PATTERN TYPE.
C. SOIL, WASTE, AND VENT PIPING ABOVE GROUND SHALL BE CONCEALED IN WALLS, CHASES, PIPE SHAFTS AND CEILING SPACES, EXCEPT IN EQUIPMENT ROOMS AND SIMILAR UNFINISHED AREAS AND ELSEWHERE AS SPECIFICALLY INDICATED OTHERWISE. ALL SOIL AND WASTE PIPING INSIDE THE BUILDING SHALL BE RUN WITH A UNIFORM DROP OF NOT LESS THAT 1/8" PER FOOT, USING ¼" PER FOOT WHERE POSSIBLE.
D. VERTICAL VENT LINES SHALL BE CARRIED THROUGH THE ROOF OR CONNECTED TO ADJACENT VENT LINES AS INDICATED. VENTS SHALL TERMINATE APPROXIMATELY 12" ABOVE FINISHED ROOF LINES AND SHALL BE FLASHED WITH BASE AND SLEEVE TYPE INTO TOP OF VENT PIPE. COLLECT VENTS WHERE POSSIBLE TO MINIMIZE THE NUMBER OF VENTS EXTENDING THROUGH ROOF.

3.03. CLEANOUTS

A. LOCATE LINE SIZE CLEANOUTS, AT BASE OF EACH SOIL AND WASTE STACK; AT EACH CHANGE IN DIRECTION IN SOIL, WASTE, AND DRAIN LINES; AND IN ALL HORIZONTAL DRAIN LINES, WITH SPACING NOT TO EXCEED 50' INSIDE THE BUILDING AND 75' OUTSIDE THE BUILDING.
B. CLEANOUTS NOT ACCESSIBLE, WHICH CANNOT BE MADE EASILY ACCESSIBLE OTHERWISE, SHALL BE EXTENDED UP THROUGH FLOOR OR WALL.

3.04. ELECTRICAL GROUND:

A. THIS CONTRACTOR SHALL MAKE PROVISIONS FOR MAINTAINING THE ELECTRICAL GROUND PROPERTIES OF WATER LINES BY STRAPPING OVER VALVES OR EQUIPMENT WHOSE REMOVAL FOR SERVICE WORK IN FUTURE WOULD BREAK GROUNDING SERVICE. STRAPPING OVER SHALL BE DONE WITH A LENGTH OF BRAIDED COPPER CABLE WHICH SHALL BE ATTACHED TO PIPE AT EITHER END.

3.05. FIXTURE CONNECTIONS:

A. CONNECT TO PLUMBING FIXTURES AND EQUIPMENT PROVIDED UNDER THIS AND OTHER SECTIONS OF SPECIFICATIONS.
B. SEE SCHEDULE ON PLANS FOR CONNECTIONS SIZES TO FIXTURES.
C. CONNECT WALL-HUNG URINALS TO WASTE PIPING WITH RED BRASS NIPPLES.
D. EACH FIXTURE, FLOOR DRAIN, AND PIECE OF EQUIPMENT REQUIRING CONNECTION TO DRAINAGE SYSTEM TO HAVE SEPARATE TRAPS INSTALLED AS CLOSE TO FIXTURE AS POSSIBLE.
E. PROVIDE DEEP SEAL P-TRAPS UNDER FLOOR DRAINS.

3.06. TRENCHING AND BACKFILLING:

TRENCHES SHALL PROVIDE UNIFORM BEARING. WHERE ROCK IS ENCOUNTERED, EXCAVATE 3" BELOW THE PIPE AND REFILL TO PIPE GRADE WITH GRAVEL. AFTER TESTING OF PIPING, TRENCHES SHALL BE BACKFILLED TO GRADE, TAMPED TO 95% COMPACTION.

3.07. TEST AND INSPECTIONS:

A. MAKE ALL WATER AND AIR TESTS OF THE PIPING SYSTEMS BEFORE WORK IS CONCEALED. TEST WATER PIPING TO HYDROSTATIC PRESSURE OF 125 PSI AND HOLD FOR 24 HOURS.
B. AFTER THE INSTALLATION OF SANITARY PIPING, PLUG THE ENDS OF THE SYSTEM AND FILL WITH WATER TO THE TOP OF VENTS OR WITH 10' HEAD. SHOULD LEAKS APPEAR, REPAIR AND REPEAT THE TESTS UNTIL THE SYSTEM IS TIGHT.

3.08. STERILIZATION:

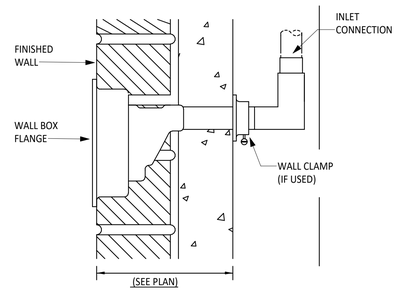
THE STERILIZATION PROCESS SHALL COMPLY WITH ALL GOVERNING REGULATIONS. AFTER STERILIZATION AND FINAL FLUSHING, THE LOCAL HEALTH AUTHORITY IS TO BE NOTIFIED AND THEIR APPROVAL OBTAINED IN WRITING.

3.09. AS-BUILT DRAWINGS:
THE PLUMBING CONTRACTOR SHALL FURNISH UPON COMPLETION OF WORK A PLUMBING PLAN SHOWING ALL PIPING AS INSTALLED.

3.10. WORKMANSHIP

PLUMBING EQUIPMENT SHALL BE INSTALLED IN A NEAT WORKMANLIKE MANNER. UNSIGHTLY INSTALLATIONS SHALL BE REMOVED OR REWORKED AT NO ADDITIONAL EXPENSE TO THE OWNER.

END OF SECTION



FREEZEPROOF WALL HYDRANT

TYPICAL PLUMBING NOTES

1. WORKMANSHIP: PLUMBING FIXTURES AND ACCESSORIES SHALL BE INSTALLED IN A NEAT WORKMANLIKE MANNER. UNSIGHTLY INSTALLATIONS SHALL BE REMOVED OR REWORKED AT NO EXPENSE TO THE OWNER.
2. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL COORDINATION WITH THESE DRAWINGS.
3. SEAL ALL WALL, ROOF AND FLOOR PENETRATIONS BY PLUMBING SERVICE AIRTIGHT.
4. PROVIDE CHROME-PLATED ESCUTCHEONS AT ALL EXPOSED PIPE PENETRATIONS THROUGH WALLS.
5. COORDINATE ALL PENETRATIONS OF FLOOR SLABS, ROOF AND WALLS WITH STRUCTURAL DRAWINGS.
6. PROVIDE WATER STOP VALVES AT EACH EQUIPMENT ITEM
7. COORDINATE WITH APPROVED ARCHITECTURAL DRAWINGS BEFORE ROUGHING-IN PLUMBING
8. ALL FLOOR DRAINS AND OPEN HUB DRAINS SHALL BE INSTALLED WITH DEEP SEAL P-TRAPS. PROVIDE TRAP SEAL WHERE SHOWN ON PLAN AND AT ALL LOCATIONS REQUIRED BY CODE AND LOCAL AUTHORITY.
9. SLOPES OF SANITARY WASTE AND VENT SHALL BE ESTABLISHED AND VERIFIED BY CONTRACTOR PRIOR TO PIPING BEING INSTALLED IN ORDER THAT PROPER SLOPES WILL BE MAINTAINED AND NECESSARY INVERT ELEVATIONS OBTAINED.
10. CONTRACTOR SHALL PROVIDE ALL VALVES, PRESSURE REDUCING VALVES, SHOCK ABSORBERS AND ACCESSORIES TO COMPLETELY INSTALL ALL EQUIPMENT TO MAKE A COMPLETE INSTALLATION.
11. THE CONTRACTOR SHALL INSTALL ALL OWNER FURNISHED EQUIPMENT WITH ALL ITEMS TO MAKE EQUIPMENT OPERABLE.
12. ALL VENTING OF FIXTURES SHALL COMPLY WITH LOCAL CODES AND ORDINANCES.
13. USE DIELECTRIC UNIONS WHERE PIPE OF DIFFERENT METALS ARE JOINED.
14. MAKE PROPER HOT & COLD WATER, WASTE, VENT ETC. PIPING CONNECTIONS TO ALL FIXTURES AND EQUIPMENT EVEN THOUGH ALL BRANCH RUNS, ELBOWS AND CONNECTIONS ARE NOT SHOWN.
15. PVC OR OTHER PLASTIC COMPOSITE PIPING SHALL NOT BE INSTALLED IN RETURN AIR PLENUMS.
16. CLEANOUTS FOR SOIL AND WASTE LINES SHALL BE INSTALLED WHERE INDICATED ON THE DRAWINGS AND EVERY 90-DEGREE CHANGE IN DIRECTION.
17. ALL PIPING SHOWN ON THESE PLANS ARE TO BE ROUTED ABOVE CEILINGS, BELOW FLOORS AND IN CHASES UNLESS OTHERWISE NOTED.
18. SEE SITE PLAN FOR EXTENT OF ALL PIPING LEAVING OR ENTERING THE BUILDING.
19. CONTRACTOR SHALL COORDINATE THE EXACT LOCATION OF SANITARY AND WATER TIE-IN POINTS WITH THE LOCAL WATER AND SEWER AUTHORITIES.
20. VERIFY ALL TOP OF MANHOLE AND CATCH BASIN ELEVATIONS AND INVERTS WITH ARCHITECTS FINAL AND APPROVED SITE GRADING PLAN.
21. SERVICE VALVES SHALL BE FURNISHED AND INSTALLED ON ALL HOT AND COLD WATER LINES AT EQUIPMENT IN AN ACCESSIBLE POSITION.
22. ALL FLOOR OPENINGS ARE TO BE SEALED WATERTIGHT BY MEANS OF SLEEVES.
23. IN AREAS WHERE A WATER LINE IS TO BE LOCATED IN AN EXTERIOR WALL, THE PIPE IS TO BE PLACED ON THE INSIDE (LIVING SIDE) OF THE INSULATION.
24. DOMESTIC WATER INSULATION SHALL BE FIBERGLASS PIPE INSULATION MINIMUM DENSITY 3.5 PCF; 1/2" THICKNESS FOR COLD WATER AND 1" THICKNESS FOR HOT WATER.
25. WASTE AND VENT PIPE TO BE SCHEDULE 40 PVC; DOMESTIC WATER PIPE TO BE TYPE L OR K HARD DRAWN COPPER.
26. EQUIPMENT AND MATERIALS SUBMITTED AS ALTERNATES TO THE SPECIFIED DATA MUST BE CLEARLY MARKED AS TO THE DIFFERENCES IN SUBMITTED VERSUS SPECIFIED. FAILURE TO CLEARLY MARK THE SUBMITTALS AS SUCH IS GROUNDS FOR REJECTION. SUBMITTALS NOT CLEARLY MARKED AS BEING ALTERNATE TO THE SPECIFIED DATA CAN BE ASSUMED TO MEET ALL SPECIFIED REQUIREMENTS AND PROVIDER IS RESPONSIBLE TO PROVIDE AS SUCH.
27. CONTRACTOR IS TO REFER TO THE ARCHITECTURAL PLANS FOR THE LOCATION AND ELEVATIONS OF ALL ADA FIXTURES.
28. THE "REDUCTION IN LEAD IN DRINKING WATER ACT" REQUIRES MATERIALS AND FIXTURES USED FOR DELIVERY OF POTABLE WATER TO CONTAIN LESS THAN 0.2% LEAD FOR SOLDER AND FLUX, AND NOT MORE THAN A WEIGHT AVERAGE OF 0.25% LEAD FOR PIPES FITTING AND FIXTURES. EXCLUDED FROM THIS ACT ARE TOILETS, BIDETS, URINALS, FLUSH VALVES, TUB FILLERS, SHOWER VALVES. IT IS THE INTENT OF THIS PROJECT TO CONFORM WITH THE REQUIREMENTS OF THE 2014 LEAD FREE ACT. EVERY EFFORT HAS BEEN MADE TO CALL FOR FIXTURES THAT COMPLY WITH THE ACT. EVEN SO, IT SHALL BE THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR TO INSTALL PRODUCTS THAT COMPLY WITH THE 2014 LEAD FREE SAFE WATER DRINKING ACT.
29. CONTRACTOR SHALL COORDINATE INSTALLATION OF EQUIPMENT WITH ELECTRICAL EQUIPMENT'S REQUIRED WORK SPACE AND DEDICATED EQUIPMENT SPACE AS DEFINED IN NEC ARTICLES 110.26 (A) & (E). NO PIPING, DUCTS, LEAK PROTECTION APPARATUS, OR OTHER EQUIPMENT FOREIGN TO THE ELECTRICAL INSTALLATION SHALL BE LOCATED IN THE DEDICATED ELECTRICAL SPACE. SEE ELECTRICAL PLANS FOR EQUIPMENT LOCATIONS.
30. A DRAIN DOWN VALVE SHALL BE INCLUDED AT THE LOWEST POINT ON THE WATER PIPING FOR A DRAIN DOWN. THIS DRAIN DOWN VALVE IS TO BE JUST ABOVE THE CONCRETE SLAB.
31. COLD WATER PIPING ROUTED OVERHEAD TO THE LAVATORIES IS TO BE LOCATED IN THE ATTIC SPACE. THE PIPE IS TO BE COVERED WITH A MINIMUM OF 6 INCHES OF INSULATION.

PLUMBING FIXTURE SCHEDULE
(APPROVED EQUALS ALSO ACCEPTED)
PLUMBING FIXTURES AND ALL ACCESSORIES REQUIRED SHALL BE COORDINATED AND VERIFIED WITH THE ARCHITECT

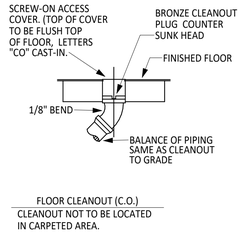
P-1	WATER CLOSET (H.C.)	ETW-1490-ES-ADA "WILLOUGHBY" ADA 16-3/4" HIGH, ELONGATED BOWL, STAINLESS STEEL; REAR MOUNTED; WALL MOUNTED 1.28GPF FLUSH VALVE WITH ELECTRONIC PUSH BUTTON
P-2	WATER CLOSET	ETW-1490-ES "WILLOUGHBY" ELONGATED BOWL, STAINLESS STEEL; REAR MOUNTED; WALL MOUNTED 1.28GPF FLUSH VALVE WITH ELECTRONIC PUSH BUTTON
P-3	LAVATORY (H.C.)	HS-1014-96-HC "WILLOUGHBY" 18" REAR MOUNTED HANDICAPPED - ADA LAVATORY INCLUDE: DECK MOUNTED SPOUT; SINGLE TEMP PNEUMATIC METERING; PNEUMATIC PUSH BUTTON; INTEGRAL P-TRAP; WALL SLEEVE
P-4	LAVATORY (H.C.)	HS-1014-96-HC "WILLOUGHBY" 18" FRONT MOUNTED HANDICAPPED - ADA LAVATORY INCLUDE: DECK MOUNTED SPOUT; SINGLE TEMP PNEUMATIC METERING; PNEUMATIC PUSH BUTTON; INTEGRAL P-TRAP; WALL SLEEVE

NOTE: PROVIDE INSTITUTIONAL A.D.A. COMPLIANT INSULATORS FOR EXPOSED WASTE, HOT AND COLD WATER PIPES. HOT AND COLD WATER STOP/SUPPLIES AND TRAP INSULATOR KIT BY ZURN INDUSTRIES, INC.

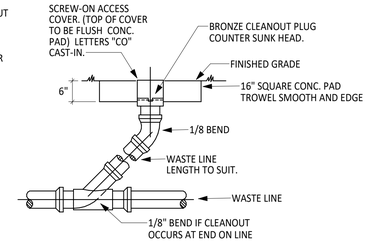
P-5	FLOOR DRAIN	Z-415B "ZURN" FLOOR DRAIN DURA-COATED CAST IRON BODY WITH BOTTOM OUTLET, COMBINATION INVERTIBLE MEMBRANE CLAMP AND ADJUSTABLE COLLAR WITH STRAINER; PROVIDE WITH GREEN DRAIN TRAP SEALS
P-6	WATER HAMMER ARRESTER	Z-1700 "ZURN" PDI LISTED SIZES PER DRAWINGS
P-7	WALL HYDRANT	Z-1321 "ZURN" ANTI-SIPHON AUTOMATIC DRAINING WALL HYDRANT COMPLETE WITH NON-FREEZE INTEGRAL BACKFLOW PREVENTER, COPPER CASING, ALL BRONZE INTERNAL PARTS, 1/2 TURN CERAMIC DIS CARTRIDGE, STAINLESS STEEL FACE PLATE WITH OPERATING KEY LOCK.
P-8	BACKFLOW PREVENTER	LF909 - "WATTS" 2" BACKFLOW PREVENTER 223 - "WATTS" PRESSURE REDUCING VALVE.
P-9	BACKFLOW PREVENTER	LF909 - "WATTS" 1 1/2" BACKFLOW PREVENTER 223 - "WATTS" PRESSURE REDUCING VALVE.

FIXTURE CONNECTION SCHEDULE

"P"	NO. DESCRIPTION	H.W.	C.W.	TRAP	WASTE	VENT
P-1	WATER CLOSET	--	1-1/4"	3"	3"	2"
P-2	WATER CLOSET	--	1-1/4"	3"	3"	2"
P-3	LAVATORY (H.C.)	--	1/2"	1 1/4"	2"	1 1/2"
P-4	LAVATORY (H.C.)	--	1/2"	1 1/4"	2"	1 1/2"
P-5	FLOOR DRAIN	--	--	3"	3"	2"
P-6	WATER HAMMER ARRESTER	--	--	--	--	--
P-7	WALL HYDRANT	--	3/4"	--	--	--
P-8	BACKFLOW PREVENTER	--	2"	--	--	--
P-9	BACKFLOW PREVENTER	--	1 1/2"	--	--	--



FLOOR CLEANOUT (C.O.)
CLEANOUT NOT TO BE LOCATED IN CARPETED AREA.



CLEANOUT TO GRADE

CLEANOUT SCHEDULE
(ZURN IS LISTED)

(1) EXTERIOR (NON-VEHICULAR TRAFFIC AREA) Z-1400 CAST IRON BODY AND ROUND COVER, NEO-LOC NEOPRENE GASKET PIPE CONNECTION
(2) EXTERIOR (VEHICULAR TRAFFIC AREA) Z-1400HD CAST IRON BODY AND ROUND HEAVY DUTY COVER, NEO-LOC NEOPRENE GASKET PIPE CONNECTION
(3) INTERIOR (FINISHED CONCRETE FLOORS) ZN-1400 CAST IRON BODY AND ROUND NICKEL BRONZE COVER, NEO-LOC NEOPRENE GASKET CONNECTION
(4) INTERIOR (CERAMIC TILE FLOORS) ZN-1400-T CAST IRON BODY AND SQUARE NICKEL BRONZE COVER, NEO-LOC NEOPRENE GASKET PIPE CONNECTION
(5) INTERIOR (RESILIENT TILE FLOORS) ZN-1400-X CAST IRON BODY AND SQUARE NICKEL BRONZE COVER, NEO-LOC NEOPRENE GASKET PIPE CONNECTION.
(6) NOTE: USE CLAMPING DEVICE ON CLEANOUTS THAT OCCUR IN FLOORS HAVING WATERPROOF MEMBRANE.

CLEANOUT DETAIL W/ SCHEDULE

Seal
COMMONWEALTH OF VIRGINIA
STEVEN R. FARRIS
Lic. No. 035714
2/20/26
PROFESSIONAL ENGINEER

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
GYPSY HILL PARK RESTROOM IMPROVEMENTS
GENERAL NOTES, DETAILS, SCHEDULES & SPECIFICATION

No.	Date	Purpose of Document Issue

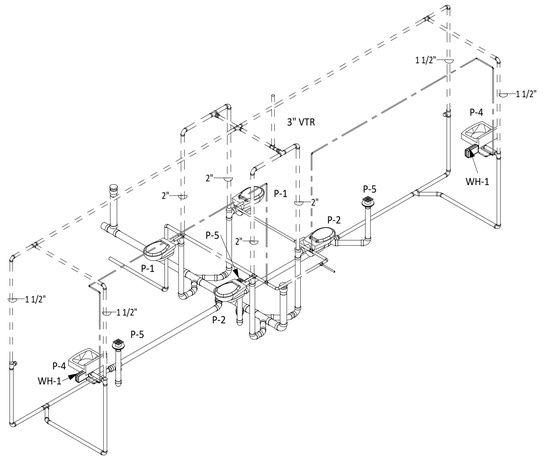
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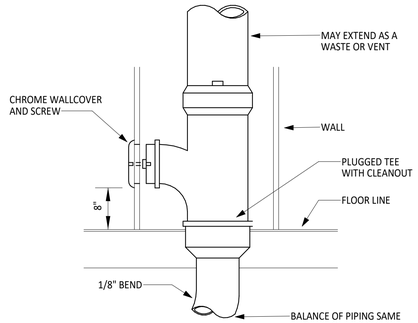
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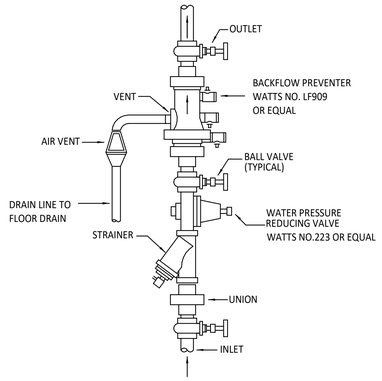
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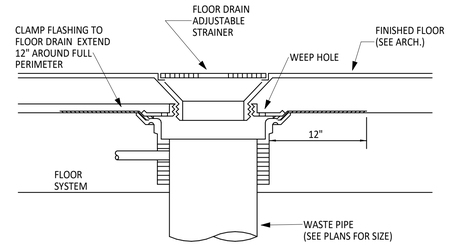
CONCESSION RESTROOMS -RISER DIAGRAM



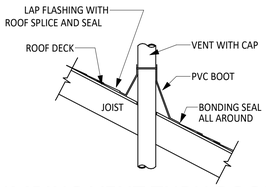
WALL CLEANOUT



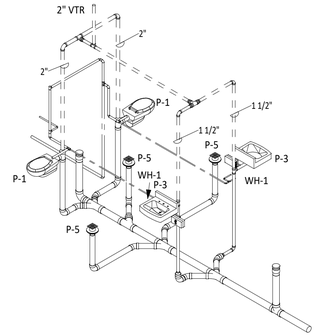
VERTICAL BACKFLOW PREVENTER



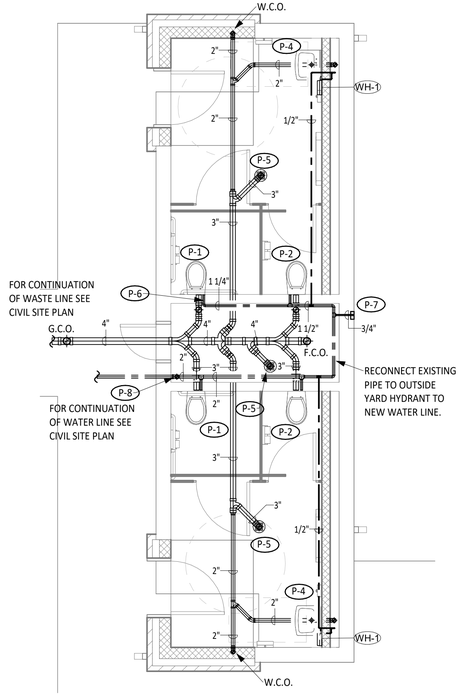
FLOOR DRAIN



PLUMBING VENT THRU ROOF



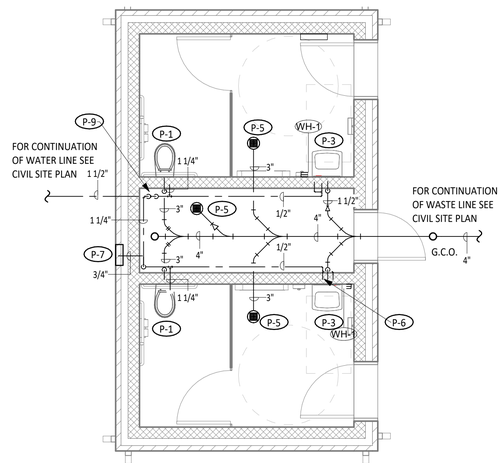
NORTH RESTROOM - RISER DIAGRAM



CONCESSION RESTROOMS - PLUMBING PLAN

1/4" = 1'-0"

PLAN NORTH



NORTH RESTROOMS - PLUMBING PLAN

1/4" = 1'-0"

PLAN NORTH

0 2' 4' 8'

SCALE: 1/4" = 1'-0"

PLUMBING LEGEND

——— ———	SANITARY
— — — —	VENT
——— – ———	COLD WATER
———o———	CLEANOUT
C.O.	
———⊖———	FLOOR CLEANOUT
F.C.O.	
—o— OR —o—	PIPE TURN DOWN
———o	PIPE TURN UP

Seal

COMMONWEALTH OF VIRGINIA
STEVEN R. FARRIS
Lic. No. 035714
2/20/26
PROFESSIONAL ENGINEER

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
GYPSY HILL PARK RESTROOM IMPROVEMENTS

BATHROOMS PLUMBING & MECHANICAL PLANS

No.	Date	Purpose of Document Issue

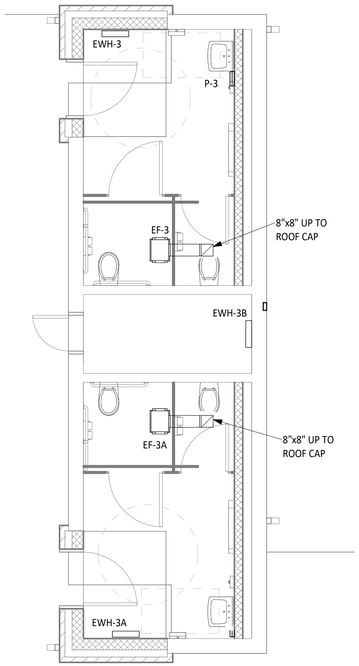
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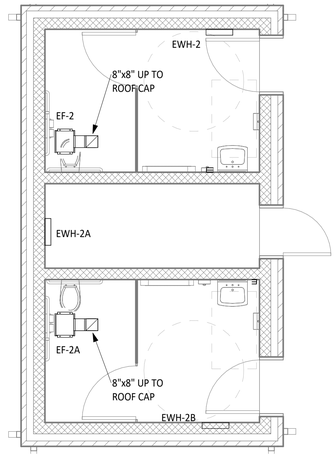
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CONCESSION RESTROOMS - MECHANICAL PLAN

1/4" = 1'-0"

PLAN NORTH



NORTH RESTROOMS - MECHANICAL PLAN

1/4" = 1'-0"

PLAN NORTH

ELECTRIC WALL HEATER

MARK	MANUFACTURER & MODEL	FAN		CAPACITY (MBH)	KW	VOLT/PH	AMPS	TYPE	CONTROL	WEIGHT IN LBS.
		RPM	CFM							
EWH-1	NOT USED	-	-	-	-	-	-	-	-	-
EWH-1A	NOT USED	-	-	-	-	-	-	-	-	-
EWH-1B	NOT USED	-	-	-	-	-	-	-	-	-
EWH-2	MARKEL E3322TD-RP	600	175	3.413	1	120/1	8.3	WALL	BUILT-IN THERMOSTAT	30
EWH-2A	MARKEL E3322TD-RP	600	175	3.413	1	120/1	8.3	WALL	BUILT-IN THERMOSTAT	30
EWH-2B	MARKEL E3322TD-RP	600	175	3.413	1	120/1	8.3	WALL	BUILT-IN THERMOSTAT	30
EWH-3	MARKEL E3323TD-RP	600	175	5.12	1.5	120/1	12.5	WALL	BUILT-IN THERMOSTAT	30
EWH-3A	MARKEL E3323TD-RP	600	175	5.12	1.5	120/1	12.5	WALL	BUILT-IN THERMOSTAT	30
EWH-3B	MARKEL E3322TD-RP	600	175	3.413	1	120/1	8.3	WALL	BUILT-IN THERMOSTAT	30

PROVIDE WITH DISCONNECT SIZED AND FUSED/NONFUSED PER MANUFACTURER'S NAMEPLATE REQUIREMENTS
PROVIDE WITH TAMPER PROOF COVER AND TAMPER PROOF THERMOSTAT.
COLOR TO BE SELECTED BY OWNER/ARCHITECT.

EXHAUST FAN SCHEDULE

MARK	MANUFACTURER & MODEL	TYPE	AIR FLOW	E.S.P.	FAN RPM	FAN POWER	VOLTS/PH	SONES	WEIGHT
EF-1	NOT USED	-	0 CFM	0.00 in-wg	-	-	-	-	-
EF-1A	NOT USED	-	0 CFM	0.00 in-wg	-	-	-	-	-
EF-2	GREENHECK SP-A200	CEILING	75 CFM	0.38 in-wg	697	21 WATTS	115/1	2.0 SPHERICAL	30 LB
EF-2A	GREENHECK SP-A200	CEILING	75 CFM	0.38 in-wg	697	21 WATTS	115/1	2.0 SPHERICAL	30 LB
EF-3	GREENHECK SP-A200	CEILING	150 CFM	0.38 in-wg	813	36 WATTS	115/1	2.0 SPHERICAL	30 LB
EF-3A	GREENHECK SP-A200	CEILING	150 CFM	0.38 in-wg	813	36 WATTS	115/1	2.0 SPHERICAL	30 LB

PROVIDE WITH DISCONNECT SIZED AND FUSED/NONFUSED PER MANUFACTURER'S NAMEPLATE REQUIREMENTS
PROVIDE WITH BACKDRAFT DAMPER.
PROVIDE WITH FLEX CONNECTIONS.
PROVIDE WITH SPEED CONTROL FOR BALANCING.

0 2' 4' 8'

SCALE: 1/4" = 1'-0"

Seal

COMMONWEALTH OF VIRGINIA
STEVEN R. FARRIS
Lic. No. 035714
2/20/26
PROFESSIONAL ENGINEER

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS

GYPSY HILL PARK RESTROOM IMPROVEMENTS

BATHROOMS MECHANICAL PLANS

No.	Date	Purpose of Document Issue

Designed	WPM
Drawn	WPM
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Date	02/20/2026

Project No.
18861

THOMPSON & LITTON

Sheet No.
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GENERAL ELECTRICAL NOTES

1. ALL NOTES, SYMBOLS AND ABBREVIATIONS MAY NOT BE APPLICABLE TO THIS PROJECT.
2. COMPLY WITH THE FOLLOWING CODES PERTAINING TO THIS PROJECT:
   - 2.1. NATIONAL ELECTRIC CODE/ NFPA 70: NEC, 2017
   - 2.2. VIRGINIA ENERGY CODE: VECC 2018
   - 2.3. VIRGINIA UNIFORM STATEWIDE BUILDING CODE: VUSBC, 2018
   - 2.4. ADA STANDARDS FOR ACCESSIBLE DESIGN, ASAD, SEPTEMBER 15, 2010
3. CONTRACTORS SHALL VISIT SITE TO FAMILIARIZE THEMSELVES WITH CONDITIONS TO BE MET IN THE EXECUTION OF THE WORK UNDER THIS CONTRACT. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ANY CHANGES THAT MAY BE REQUIRED DUE TO EXISTING SITE CONDITIONS.
4. PROVIDE INCREASED CONDUCTOR SIZES FOR 120/208 BRANCH CIRCUITS AS FOLLOWS UNO:

CIRCUIT BREAKER SIZE	0-100 FT. LENGTH	100-200 FT. LENGTH	200-300 FT. LENGTH	OVER 300 FT. LENGTH
20 AMP	12 AWG	10 AWG	6 AWG	4 AWG
30 AMP	10 AWG	8 AWG	4 AWG	3 AWG

5. ALL EMPTY CONDUIT RUNS IN EXCESS OF 10 FEET SHALL BE PROVIDED WITH A PULLWIRE.
6. DO NOT SHARE NEUTRALS.
7. RECESSED DEVICES MAY BE ADJUSTED TO MATCH MASONRY COURSES IF APPLICABLE. MOUNT ALL BOXES TRUE AND PLUMB. ADJUSTED MOUNTING HEIGHTS SHALL REMAIN WITHIN ADA REQUIREMENTS.
8. RECEPTACLES, SWITCHES, THERMOSTATS, AND OTHER SIMILAR ITEMS SHALL ALIGN VERTICALLY OR HORIZONTALLY WITH EACH OTHER, WITH THE STRUCTURE AND OTHER FEATURES THEREOF WHEN IT APPEARS OBVIOUS AND LOGICAL THAT THEY SHOULD. THE ELECTRICAL CONTRACTOR SHALL CONSULT WITH THE GENERAL CONSTRUCTION SUPERINTENDENT REGARDING THIS REQUIREMENT AND ALSO FOR THE LOCATION OF EQUIPMENT, DOOR SWINGS, BLOCK COURSING, ALIGNMENT OF THIS AND OTHER SIMILAR FEATURES BEFORE ROUGHING-IN FOR THESE COMPONENTS. ADJUSTED MOUNTING HEIGHTS SHALL REMAIN WITHIN ADA REQUIREMENTS.
9. THE MANUFACTURER AND MODEL NUMBER SHOWN ON THE LIGHT FIXTURE SCHEDULE INDICATES THE TYPE, CONSTRUCTION, STYLE, QUALITY AND STANDARD OF PERFORMANCE REQUIRED. OTHER MANUFACTURERS WITH EQUAL PRODUCTS ARE ACCEPTABLE UPON AE APPROVAL.
10. CONTRACTOR SHALL VERIFY THAT ALL DOOR SWINGS ARE CORRECT BEFORE ROUGHING IN LIGHT SWITCH OUTLETS. LIGHT SWITCHES SHALL NOT BE LESS THAN 3 NOR MORE THAN 12 INCHES FROM DOOR TRIM.
11. ALL DEMOLITION AND CONSTRUCTION DESIGN IS BASED ON ORIGINAL CONSTRUCTION DOCUMENTS AND ON AN EARLIER SET OF RENOVATION DRAWINGS. THE CONTRACTOR SHALL VERIFY ALL ASPECTS IN THE FIELD BEFORE STARTING WORK.
12. LOCATIONS OF LINES AND EQUIPMENT SHALL BE DETERMINED FROM ACTUAL FIELD CONDITIONS. THE OUTLINES OF THE CONSTRUCTION SHOWN ON THE ELECTRICAL DRAWINGS ARE INTENDED ONLY AS A GUIDE TO INDICATE RELATIVE LOCATIONS OF THE WORK. REFER TO THE APPLICABLE DRAWINGS OF OTHER TRADES AND THE EQUIPMENT SUPPLIER'S INSTALLATION DRAWINGS FOR EXACT LOCATIONS AND ARRANGEMENTS.
13. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION AND PROPER RELATION OF HIS WORK TO THE FACILITY STRUCTURES AND TO THE WORK OF OTHER TRADES. NO ADDITIONAL COMPENSATION NOR EXTENSION OF COMPLETION TIME WILL BE GRANTED FOR EXTRA WORK CAUSED BY THE LACK OF COORDINATION.
14. COORDINATE WITH MECHANICAL ON EXACT LOCATION AND ELECTRICAL CONNECTION REQUIREMENTS FOR HVAC EQUIPMENT PROVIDED.
15. ELECTRICAL REQUIREMENTS FOR HVAC EQUIPMENT ARE FOR HVAC EQUIPMENT SPECIFIED. IF SUBSTITUTE HVAC EQUIPMENT IS SUPPLIED, CONTRACTOR IS RESPONSIBLE FOR MODIFICATIONS AND/OR ADDITIONS TO ELECTRICAL REQUIREMENTS OF HVAC EQUIPMENT SUPPLIED.
16. DUE TO DIFFERENCES IN VARIOUS MANUFACTURER'S EQUIPMENT CONNECTIONS AND MOTOR CURRENTS, THE ELECTRICAL CONTRACTOR SHALL COORDINATE HIS INSTALLATION WITH THAT EQUIPMENT ACTUALLY FURNISHED AND SHALL VERIFY THE CORRECT SIZES AND DETAILS OF INSTALLATION BEFORE ROUGHING IN.
17. THE CORRECT NUMBER OF WIRES MAY NOT BE INDICATED FOR ALL CIRCUITS, ONLY THOSE WHERE CLARIFICATION IS NECESSARY. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL WIRES NECESSARY FOR THE PROPER FUNCTION OF THE SYSTEM WHETHER INDICATED ON DRAWINGS OR NOT.
18. ALL CONDUIT BELOW GRADE SHALL BE PVC SCHEDULE 80. ALL EXTERIOR EXPOSED OR CONCEALED SHALL BE RGS. ALL CONDUIT IN BATHROOMS SHALL BE RGS.

GENERAL DEMOLITION NOTES

1. CONTRACTOR SHALL COORDINATE ALL ITEMS TO BE SALVAGED WITH THE OWNER AND RETURN TO OWNER AFTER DISCONNECTION. IF OWNER DEEMS MATERIALS UNSALVAGEABLE, CONTRACTOR IS RESPONSIBLE FOR REMOVING FROM PROJECT SITE ALONG WITH ALL OTHER DEMOLISHED MATERIAL AND DISPOSING OF PROPERLY IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL LAWS.
2. EXISTING FACILITY IS TO REMAIN POWERED DURING CONSTRUCTION, CONTRACTOR SHALL MINIMIZE ALL POWER OUTAGES. CONTRACTOR SHALL COORDINATE ALL POWER OUTAGES WITH OWNER WITH PRIOR APPROVAL.
3. THE CONTRACTOR SHALL REMOVE EXISTING WORK AS CALLED FOR ON THE DRAWINGS OR AS REQUIRED TO CLEAR THE AREAS FOR NEW CONSTRUCTION.
4. THE CONTRACTOR SHALL REMOVE DEVICES AND ASSOCIATED CIRCUITRY FROM WALLS AND CEILINGS THAT ARE REMOVED OR MODIFIED UNDER THIS CONTRACT.
5. WHERE EXISTING EQUIPMENT IS TO BE RELOCATED, CARE SHALL BE TAKEN TO PREVENT DAMAGE DURING THE REMOVAL AND REINSTALLATION. WHERE DAMAGE OCCURS, THE EQUIPMENT SHALL BE REPLACED OR REPAIRED AT NO ADDITIONAL COST TO THE OWNER.
6. REMOVE EACH ITEM OF EQUIPMENT, DEVICE, AND FIXTURE INDICATED TO BE DEMOLISHED AND ASSOCIATED CIRCUITRY BACK TO THE PROTECTIVE DEVICE IN THE PANEL, SWITCHBOARD, OR CONTROLLER, EXCEPT AS OTHERWISE NOTED.
   - a. ASSOCIATED CIRCUITRY SHALL BE DEFINED TO INCLUDE ALL RACEWAYS, CONDUCTORS, ENCLOSURES, JUNCTION BOXES, WIRING DEVICES, COVERPLATES, LAMPS, FIXTURES, SWITCHES, STARTERS, ETC. WHICH ARE ASSOCIATED WITH THE ITEM TO BE REMOVED.
   - b. THE PROTECTIVE DEVICE SHALL REMAIN AS AN INTEGRAL PART OF THE EXISTING PANEL OR SWITCHBOARD. LABEL AS "SPARE" OR USE FOR NEW CIRCUITS AS INDICATED.
   - c. WHERE CONDUIT ASSOCIATED WITH AN ITEM TO BE REMOVED IS IN AN INACCESSIBLE AREA, SUCH AS ENCASED IN CONCRETE, THE INACCESSIBLE CONDUIT ONLY SHALL BE ABANDONED IN PLACE, UNLESS INDICATED TO BE REUSED. ALL CONDUCTORS SHALL BE REMOVED AND CONDUIT SHALL BE CUT OFF FLUSH AND SEALED OR CAPPED.
   - d. WHERE SUCH INACCESSIBLE CONDUIT ENDS MUST BE TERMINATED IN FINISHED SPACE, REMOVE THE CONDUIT OR BOX TO BELOW THE FINISHED SURFACE OR WALL, CEILING OR FLOOR, FILL VOID WITH NON-SHRINKING GROUT AND FINISH TO MATCH SURROUNDING SURFACES.
7. WHERE A PORTION OF A CIRCUIT'S LOAD IS SCHEDULED TO BE REMOVED, REMOVE ONLY THAT PORTION ASSOCIATED WITH THE DEMOLISHED DEVICE TO A POINT WHERE THE REMAINING LOAD IS ACTIVE; MAINTAIN REMAINING CIRCUITRY IN A GOOD OPERATING CONDITION. IF EXISTING CIRCUITRY IS DAMAGED DURING CONSTRUCTION, CONTRACTOR SHALL REPLACE, MATCHING EXISTING SIZES AND RATINGS AT NO ADDITIONAL COST TO THE OWNER.
8. WHERE EXTENSION OF AN EXISTING CIRCUIT IS REQUIRED, RUN CONDUIT AND WIRE (CONCEALED WHERE INDICATED) FROM THE CIRCUIT'S EXISTING LOCATION TO ITS NEW LOCATION. CIRCUIT EXTENSION SHALL MATCH EXISTING CIRCUITRY SIZE AND RATING.
9. WHERE AN ITEM OF EQUIPMENT IS INDICATED TO BE REMOVED AND RELOCATED, ANY ASSOCIATED CIRCUITRY, SWITCHES, DEVICES, ETC. SHALL ALSO BE REMOVED WITH THE EQUIPMENT. RELOCATE THE EQUIPMENT TO THE NEW LOCATION AND PROVIDE CONNECTION OF ALL ASSOCIATED ITEMS TO NEW OR EXTENDED CIRCUITRY AS INDICATED.
10. REUSE EXISTING CONDUITS IN PLACE DISCONNECTED DURING DEMOLITION WHERE APPLICABLE AND IN GOOD CONDITION.
11. WHERE EXISTING ELECTRICAL WORK INTERFERES WITH NEW WORK AND WHERE SUCH INSTALLATIONS ARE TO REMAIN IN USE, THE INSTALLATIONS SHALL BE DISCONTINUED AND RELOCATED AND/OR RECONNECTED TO COORDINATE WITH THE WORK INDICATED ON THE DRAWINGS AND AS SPECIFIED.
12. EXISTING PANEL BOARDS MODIFIED UNDER THIS CONTRACT SHALL BE PROVIDED WITH REVISED TYPED SCHEDULES.

LEGEND

A	WALL MOUNTED LIGHT FIXTURE, TYPE AS INDICATED. SEE LIGHT FIXTURE SCHEDULE. ALL LIGHT FIXTURES SHALL BE SWITCHED WITH NONE TO OPERATE AS NIGHT LIGHTS.
A	SHADING DENOTES FIXTURE WITH INTEGRAL EMERGENCY BATTERY FOR EMERGENCY EGRESS LIGHTING. INTEGRAL BATTERY WHERE USED SHALL BE PROVIDED WITH POWER AT ALL TIMES. EMERGENCY BATTERIES TURN ON WHEN THERE IS A LOSS OF UTILITY POWER, REGARDLESS OF SWITCH POSITION. WHERE FIXTURES INDICATED TO BE SWITCHED, PROVIDE EMERGENCY SHUNT RELAY. SEE LIGHT FIXTURE SCHEDULE.
$	LIGHT SWITCH, SINGLE POLE DEVICE, 20 AMP, 120/277 VOLT, FLUSH MOUNT 48" AFF TO TOP OF BOX.
$	LIGHT SWITCH, SINGLE POLE DEVICE, 20 AMP, 120/277 VOLT, SURFACE MOUNT 48" AFF TO TOP OF BOX.
	120 V, 20 AMP, DUPLEX CONVENIENCE RECEPTACLE, FLUSH MOUNT 20" AFF TO TOP OF BOX, NEMA 5-20R.

ABBREVIATIONS

A, AMP	AMPERE	MCB	MAIN CIRCUIT BREAKER
AFF	ABOVE FINISHED FLOOR	MLO	MAIN LUG ONLY
AWG	AMERICAN WIRE GAUGE	MM	MILLIMETER
BKR	BREAKER	MSBD	MAIN SWITCHBOARD
C	CONDUIT	N	NEUTRAL
CB	CIRCUIT BREAKER	NEC	NATIONAL ELECTRIC CODE
CCTV	CLOSED CIRCUIT TELEVISION	NEMA	NATIONAL ELECTRICAL MANUF. ASSOC.
CKT	CIRCUIT	NL	NIGHT LIGHT
CR	CONTROL RELAY	OL	OVERLOAD
CT	CURRENT TRANSFORMER	PB	PUSHBUTTON MOMENTARY CONTACT SWITCH
CTB	CABLE TAP BOX	PNL	PANEL
CTR	CURRENT RELAY	REC	RECESSED
CU	COPPER	RGS	RIGID GALVANIZED STEEL CONDUIT
DDC	DIRECT DIGITAL CONTROL PANEL	RHC	REHEAT COIL
DETD	DUAL ELEMENT TIME DELAY	RTU	ROOF TOP UNIT
DPS	DOOR POSITION SWITCH	SUR	SURFACE
EC	ELECTRICAL CONTRACTOR	SWBD	SWITCHBOARD
ECB	ENCLOSED CIRCUIT BREAKER	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR
EF	EXHAUST FAN	UL	UNDERWRITERS LABORATORIES
EM	EMERGENCY	UNO	UNLESS NOTED OTHERWISE
ER	EXISTING TO BE RELOCATED	V	VOLT
EWH	ELECTRIC WALL HEATER	WG	WIRE GUARD
EX	EXISTING TO REMAIN	WP	WEATHERPROOF
FA	FIRE ALARM	XFMR	TRANSFORMER
FT	FEET		
GEC	GROUND ELECTRODE CONDUCTOR		
GFEP	GROUND FAULT EQUIPMENT PROTECTION CIRCUIT INTERRUPTER		
GFI	GROUND FAULT INTERRUPTER		
GND, G	GROUND		
HP-1	HEAT PUMP		
HP	HORSEPOWER		
HSP	HAND STARTER WITH PILOT LIGHT		
HVAC	HEATING, VENTILATION AND AIR CONDITIONING		
LA	LIGHTNING ARRESTOR		
IG	ISOLATED GROUND		
JB	JUNCTION BOX		
KVA	KILOVOLT AMPERE		
KW	KILOWATT		

LIGHTING FIXTURE SCHEDULE

TYPE	MANUFACTURER	TOTAL WATTS	VOLTAGE	MOUNTING	REMARKS
A1	LITHONIA - FEM L48 6000LM IMAFL MD MVOLT GZ10 40K 80CRI E10WMCP CNP164CWWL	37.8	MVOLT	WALL AT 12" BELOW CEILING.	48"LED LOW PROFILE ENCLOSED LUMINAIRE, 6,000 LUMENS, ACRYLIC, LINEAL RIBBED FROSTED LENS, MEDIUM DISTRIBUTION, 4000K COLOR TEMPERATURE, 80CRI. PROVIDE WITH POWER SENTRY PS1055MCP BATTERY PACK. BATTERY PACK IS INTEGRAL TO THE FIXTURE.
A2	LITHONIA - FEM L24 6000LM IMAFL MD MVOLT GZ10 40K 80CRI	39.2	MVOLT	WALL	24" LED LOW PROFILE ENCLOSED LUMINAIRE, 6,000 LUMENS, ACRYLIC, LINEAL RIBBED FROSTED LENS, MEDIUM DISTRIBUTION, 4000K COLOR TEMPERATURE, 80CRI.

PANEL NR

VOLTAGE: 240 /120 | PHASE: 1 | WIRE: 3 | BUS 60 AMPS: | [ ] MLO [X] 40 MCB | [X] SURFACE MOUNTED [ ] FLUSH MOUNTED | NEMA ENCL.: 1 | AIC RATING: 10,000

LOAD DESCRIPTION	CONNECTED LOAD (KVA) A	CONNECTED LOAD (KVA) B	*	WIRE SIZE	CIRCUIT BREAKER TRIP	P	NO	NO	P	TRIP	WIRE SIZE	*	CONNECTED LOAD (KVA) A	CONNECTED LOAD (KVA) B	LOAD DESCRIPTION
LTG-MEN 108,WOMEN 106,EF-2,2A	0.34	----		12	20	1	1	2	1	20	12		1.50	----	EWH-2
PROVISIONED SPACE	----					1	3	4	1	20	12		----	1.50	EWH-2A
PROVISIONED SPACE		----				1	5	6	1	20	12		1.50	----	EWH-2B
PROVISIONED SPACE	----					1	7	8	1				----		PROVISIONED SPACE
SPARE		----			20	1	9	10	1					----	PROVISIONED SPACE
SPARE	----				20	1	11	12	1				----		PROVISIONED SPACE
LEFT SUB-TOTAL	0.34														TOTAL PANEL LOAD
RIGHT SUB-TOTAL	3.00	1.50													CONNECTED / DEMAND
PER PHASE TOTAL	3.34	1.50													KVA 4.8 / 6
PANEL TOTAL		4.84													AMPS 20.2 / 25

* NOTES: (E = EXST TO REMAIN UNO, G = GF, L = LOCKABLE, S = SHUNT TRIP)

1. PROVIDE LOAD CENTER

COMMONWEALTH OF VIRGINIA
Mike Elder
MICHAEL HUGH ELDER JR.
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2/2026
PROFESSIONAL ENGINEER

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
GYPSY HILL PARK RESTROOM IMPROVEMENTS

ELECTRICAL LEGEND, ABBREVIATIONS, GENERAL NOTES, AND SCHEDULE

No.	Date	Purpose of Document Issue

Designed	MHE
Drawn	JTS
Checked	MHE
Date	2/20/2026

Project No. 16472

THOMPSON & LITTON

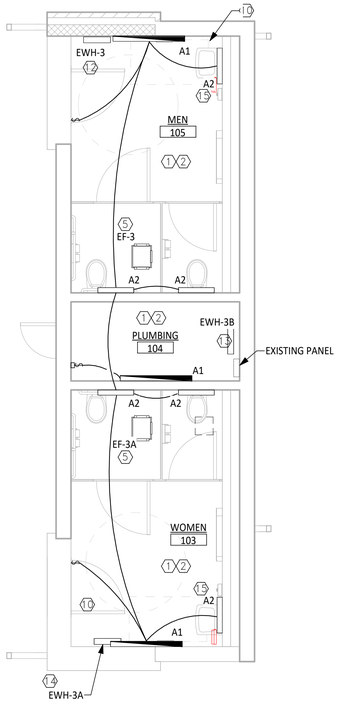
Sheet No. E001

Date/Time: 3/30/2022 9:15:52 PM
File Name: C:\Users\thomas_reed\Documents\16472 Gypsy Hill Park Bathroom Renovation - Elec_treedGMERN.rvt

LEGEND:

NEW

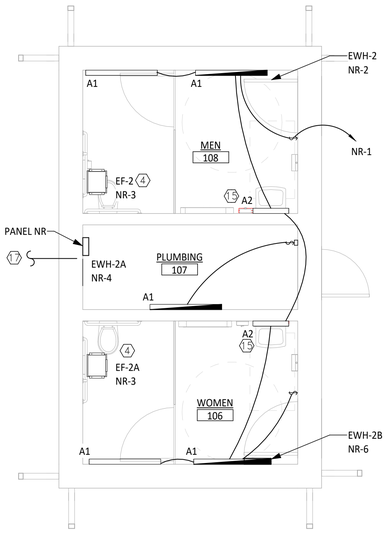
EXISTING



CONCESSION RESTROOMS - ELECTRICAL PLAN

1/4" = 1'-0"

PLAN NORTH



NORTH RESTROOMS - ELECTRICAL PLAN 16

1/4" = 1'-0"

PLAN NORTH

GENERAL NOTES:

1. WHERE NEW BREAKERS ARE ADDED TO EXISTING PANELS, MATCH RATING AND TYPE OF EXISTING PANEL.

SHEET KEYED NOTES:

1. DISCONNECT AND REMOVE ALL EXISTING LIGHTING FIXTURES THROUGHOUT THE AREA OF WORK. MAINTAIN ALL ASSOCIATED WIRING FROM DEMOLISHED FIXTURES FOR RECONNECTION OF NEW LIGHTING FIXTURES.
2. CIRCUIT ALL NEW INTERIOR LIGHTING FIXTURES BACK TO PREVIOUS EXISTING CIRCUIT. CONNECT TO LIGHT SWITCHES AS INDICATED.
3. CONNECT WITH 2#12 CU, 1#12CU GND, 3/4" C TO EXISTING LIGHTING CIRCUITRY FOR POWER AND CONTROL.
4. CONNECT TO LIGHTING CIRCUITRY FOR POWER AND CONTROL.
5. CONNECT WITH 2#12 CU, 1#12CU GND, 3/4" C TO EXISTING LIGHTING CIRCUITRY FOR POWER AND CONTROL.
6. PROVIDE 20AMP-1POLE 120VOLT BREAKER IN EXISTING PANEL IN THE POOL HOUSE. ROUTE MIN 24" BELOW GRADE FOLLOWING EXISTING CIRCUIT ROUTING. MAINTAIN FINISHED GRADE TO MATCH EXISTING. CONNECT WITH 2#12 CU, 1#12CU GND, 3/4" C. LABEL BREAKER "EWH-1".
7. PROVIDE 20AMP-1POLE 120VOLT BREAKER IN EXISTING PANEL IN THE POOL HOUSE. ROUTE MIN 24" BELOW GRADE FOLLOWING EXISTING CIRCUIT ROUTING. MAINTAIN FINISHED GRADE TO MATCH EXISTING. CONNECT WITH 2#12 CU, 1#12CU GND, 3/4" C. LABEL BREAKER "EWH-1A".
8. PROVIDE 20AMP-1POLE 120VOLT BREAKER IN EXISTING PANEL IN THE POOL HOUSE. ROUTE MIN 24" BELOW GRADE FOLLOWING EXISTING CIRCUIT ROUTING. MAINTAIN FINISHED GRADE TO MATCH EXISTING. CONNECT WITH 2#12 CU, 1#12CU GND, 3/4" C. LABEL BREAKER "EWH-1B".
9. EXISTING DISCONNECT AND TIMER TO REMAIN.
10. DISCONNECT AND REMOVE EXISTING HEATER AND ALL ASSOCIATED WIRING FROM CIRCUITRY.
11. NOT USED.
12. PROVIDE 20AMP-1POLE 120VOLT BREAKER IN EXISTING PANEL IN PLUMBING 104. REMOVE EXISTING BREAKERS SERVING UNIT HEATERS REMOVED. CONNECT WITH 2#12 CU, 1#12CU GND, 3/4" C. LABEL BREAKER "EWH-3".
13. PROVIDE 20AMP-1POLE 120VOLT BREAKER IN EXISTING PANEL IN PLUMBING 104. REMOVE EXISTING BREAKERS SERVING UNIT HEATERS REMOVED. CONNECT WITH 2#12 CU, 1#12CU GND, 3/4" C. LABEL BREAKER "EWH-3A".
14. PROVIDE 20AMP-1POLE 120VOLT BREAKER IN EXISTING PANEL IN PLUMBING 104. REMOVE EXISTING BREAKERS SERVING UNIT HEATERS REMOVED. CONNECT WITH 2#12 CU, 1#12CU GND, 3/4" C. LABEL BREAKER "EWH-3B".
15. MOUNT LIGHTING FIXTURE ABOVE MIRROR, CENTERED BETWEEN MIRROR AND CEILING.
16. EXISTING BUILDING TO BE DEMOLISHED. FLOOR PLAN IS OF NEW BUILDING.
17. PROVIDE 3#8 THWN CU, 1#10THWN CU GND, 1"C, 24" BELOW FINISHED GRADE AND CONNECT TO EXISTING PANEL AT THE PICNIC SHELTER. PROVIDE 40AMP-2POLE BREAKER IN AVAILIABLE SPACE OF HOMELINE LOAD CENTER.

0 2' 4' 8'

SCALE: 1/4" = 1'-0"

COMMONWEALTH OF VIRGINIA
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CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
GYPSY HILL PARK RESTROOM IMPROVEMENTS
BATHROOMS ELECTRICAL PLANS

No.	Date	Purpose of Document Issue

Designed	MHE
Drawn	JTS
Checked	MHE
Date	2/20/2026

Project No. 16472

THOMPSON & LITTON

Sheet No. E101

Date/Time: 3/11/2026 2:51:12 PM File Name: C:\Users\david_buchanan\Documents\16472 Gypsy Hill Park Bathroom Renovation - Elec_dbuchanWNY5C.rvt

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MONTGOMERY HALL PARK POOL HOUSE & RESTROOMS

1000 MONTGOMERY AVE
STAUNTON, VIRGINIA

PREPARED FOR

CITY OF STAUNTON

PROJECT DESCRIPTION:

PROJECT INCLUDES THE RENOVATION OF TWO RESTROOM BUILDINGS TO COMPLY WITH THE AMERICAN WITH DISABILITIES ACT AND ADDITION OF A RESTROOM AND SHOWER TO THE POOL HOUSE .

CODES & REGULATIONS

2021 VIRGINIA EXISTING BUILDING CODE, (VEBC)
2021 VIRGINIA CONSTRUCTION CODE (VCC), PART 1 OF THE VIRGINIA UNIFORM STATEWIDE BUILDING CODE (VUSBC)
2017 ICC/ANSI A117.1 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES
2021 INTERNATIONAL BUILDING CODE
2021 VIRGINIA MECHANICAL CODE
2021 VIRGINIA PLUMBING CODE
2020 NFPA 70 NATIONAL ELECTRICAL CODE
2010 ADA STANDARDS FOR ACCESSIBLE DESIGN (ADAAG)

HAZARDOUS MATERIALS STATEMENT

TO BE PROVIDED BY THE OWNER.

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DOCUMENT DATE: 02/20/2026
ISSUED FOR BIDS: 05/01/2026
PROJECT NO.: 18861

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Seal

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
MONTGOMERY HALL PARK POOL HOUSE & RESTROOMS

TITLE SHEET

No.	Date	Purpose of Document Issue

Designed	EFS
Drawn	KCF
Checked	EFS
Date	02/20/2026

Project No.
18861

THOMPSON & LITTON

Sheet No.
G004

Date/Time: 5/1/2026 8:06:31 AM File Name: C:\Users\kathryn_foster\Documents\18861 MHP Pool House & Restroom Bldgs v25_kfosterWN9BB.rvt

CODES & REGULATIONS

2021 VIRGINIA EXISTING BUILDING CODE, (VEBC)
2021 VIRGINIA CONSTRUCTION CODE (VCC), PART 1 OF THE VIRGINIA UNIFORM STATEWIDE BUILDING CODE (VUSBC)
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2010 ADA STANDARDS FOR ACCESSIBLE DESIGN (ADAAG)

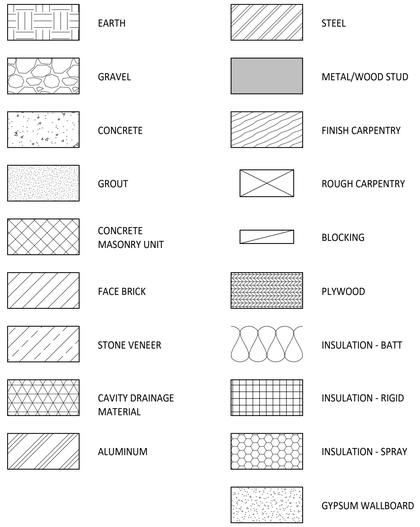
GENERAL INFORMATION

SCOPE:	
RENOVATION OF TWO RESTROOMS AND ADDITION OF ONE RESTROOM AT THE POOL HOUSE AT MONTGOMERY HALL PARK.	
CONSTRUCTION CLASSIFICATION:	
CONSTRUCTION TYPE: IIIB	
OCCUPANCY:	
RESTROOMS 1 AND 2	
DESCRIPTION: U, UTILITY	
OCCUPANCY CLASSIFICATION: RESTROOM	
OCCUPANT LOAD RESTROOM 1:	2
OCCUPANT LOAD RESTROOM 2:	4
POOL HOUSE	
DESCRIPTION: OFFICE/RESTROOM	
OCCUPANCY CLASSIFICATION: B	
OCCUPANT LOAD: 7	
DESIGN LIVE LOADS:	
REFER TO STRUCTURAL DRAWINGS	

BUILDING AREA SUMMARY

BUILDING	RESTROOM 1	RESTROOM 2	POOL HOUSE
EXISTING RENOVATION (POOL HOUSE)	252 SF	663 SF	613 SF
ADDITION	N/A	N/A	100 SF
TOTAL RENOVATION/ADDITION	252 SF	663 SF	713 SF

MATERIAL LEGEND



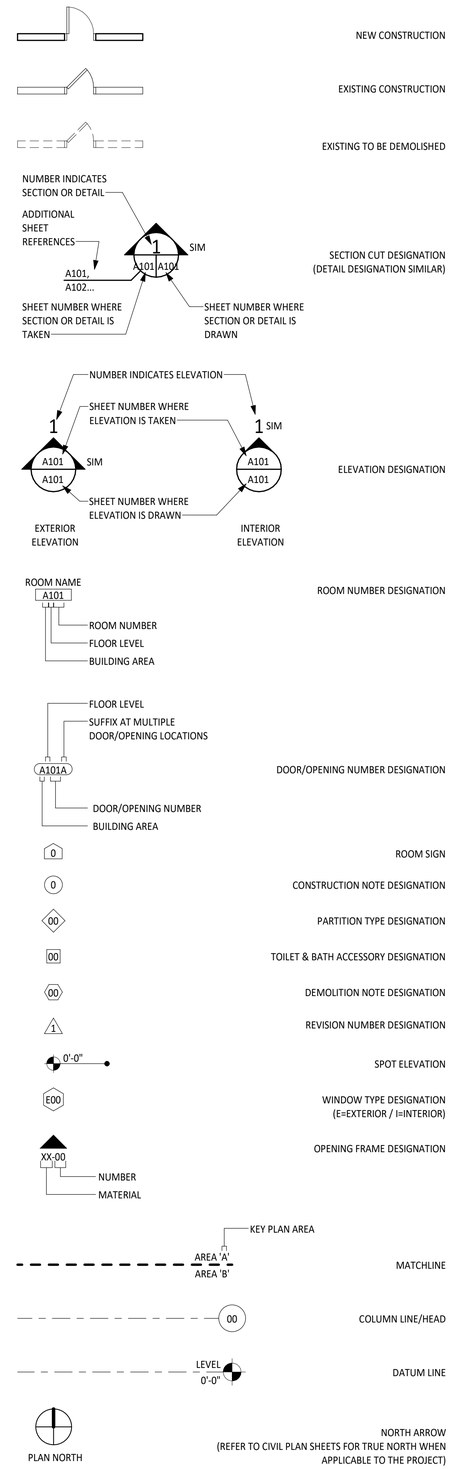
GENERAL CONSTRUCTION NOTES:

1. ALL WORK SHALL BE PERFORMED IN OBSERVANCE OF LOCAL, STATE, AND FEDERAL CODES AND REGULATIONS.
2. EXISTING CONDITIONS SHOWN HEREIN WERE TAKEN FROM SITE OBSERVATIONS AND COMPLETE OR PARTIAL SETS OF ORIGINAL DESIGN DRAWINGS WHEN MADE AVAILABLE. ANY DISCREPANCIES BETWEEN THE DRAWINGS AND ACTUAL BUILT CONDITIONS ARE TO BE REPORTED TO THE ARCHITECT PRIOR TO COMMENCEMENT OF WORK.
3. LOOSE FURNISHINGS, APPLIANCES, AND EQUIPMENT ARE NOT INCLUDED WITHIN THIS PROJECT'S SCOPE (NIC), UNLESS OTHERWISE NOTED.
4. DO NOT "SCALE" DRAWINGS. USE DIMENSIONAL INFORMATION PROVIDED ONLY. FOR DIMENSIONS NOT SHOWN OR IN QUESTION, CONTRACTOR SHALL REQUEST CLARIFICATION FROM ARCHITECT PRIOR TO PROCEEDING.
5. ALL DIMENSIONS ARE MEASURED TO FACE OF METAL AND/OR WOOD STUDS OR MASONRY CONSTRUCTION UNLESS OTHERWISE NOTED.
6. ALL DIMENSIONS NOTED AS "CLEAR," ARE FROM FACE OF FINISH TO FACE OF FINISH.
7. PROVIDE CONCEALED WOOD BLOCKING AT LOCATIONS OF WALL-MOUNTED EQUIPMENT, CASEWORK, SHELVING, AND TOILET ACCESSORIES.
8. ALL SIDEWALKS LOCATED ALONG ACCESSIBLE ROUTE SHALL HAVE A 5% MAXIMUM SLOPE UNLESS OTHERWISE INDICATED AS A RAMP.
9. REFER TO ENLARGED FLOOR PLANS FOR PARTITION TYPES, DIMENSIONS, AND RELEVANT CONSTRUCTION RELATED FEATURES AND EQUIPMENT IN THOSE AREAS.
10. ALL DOORS LOCATED IN MASONRY CONSTRUCTION ARE TO BE LOCATED 8" FROM AN ADJACENT WALL OR CENTERED BETWEEN 2 ADJACENT WALLS UNLESS OTHERWISE NOTED.
11. PROVIDE MINIMUM 1'-6" CLEAR ON PULL SIDE OF DOORS BETWEEN JAMB AND INTERSECTING WALL ON LATCH SIDE OF DOOR. PROVIDE 1'-0" CLEAR ON PUSH SIDE OF DOOR BETWEEN JAMB AND INTERSECTING WALL ON LATCH SIDE OF DOOR FOR ALL DOORS WITH BOTH A LATCH AND A CLOSER.

GENERAL DEMOLITION NOTES:

1. ANY DISCREPANCIES BETWEEN ITEMS NOTED FOR DEMOLITION AND ACTUAL FIELD CONDITIONS ARE TO BE REPORTED TO THE ARCHITECT PRIOR TO COMMENCEMENT OF DEMOLITION.
2. DO NOT REMOVE OR DEMOLISH ANY LOAD-BEARING BUILDING ELEMENTS WITHOUT FIRST CONTACTING THE ARCHITECT/STRUCTURAL ENGINEER.
3. REMOVE AND/OR CAP OFF ANY MECHANICAL, PLUMBING, AND ELECTRICAL SYSTEMS CONTAINED WITHIN CONSTRUCTION SCHEDULED TO BE REMOVED. CAP OFF BEHIND FACE OF EXISTING WALLS INDICATED TO REMAIN OR BELOW THE FLOOR SLAB. COORDINATE THESE REQUIREMENTS WITH MECHANICAL, PLUMBING, AND ELECTRICAL REQUIREMENTS. REFER ALSO TO CUT AND PATCH REQUIREMENTS IN THE PROJECT MANUAL.
4. LEGALLY DISPOSE OF ALL MATERIALS ASSOCIATED WITH SELECTIVE DEMOLITION WORK UNLESS OTHERWISE NOTED TO BE PROVIDED TO OWNER OR SALVAGED FOR REUSE.
5. COORDINATE ANY REQUIRED TEMPORARY UTILITY OR SERVICE SHUT-OFF WITH OWNER AND OTHER REQUIREMENTS FOUND IN THE CONTRACT DOCUMENTS.
6. PERFORM DEMOLITION WORK IN SUCH A WAY AS TO MINIMIZE DISTURBANCES WITHIN THE EXISTING FACILITY.
7. WHERE NEW UTILITIES OR SERVICES ARE RUN ABOVE CEILINGS IN AREAS OF THE EXISTING FACILITY, REMOVE ONLY AS MUCH EXISTING CEILING SYSTEM AS REQUIRED FOR INSTALLATION. REINSTALL REMOVED CEILING SYSTEM ONCE ABOVE CEILING WORK IS COMPLETE. REPLACE CEILING PANELS AND/OR GRID DAMAGED BY SELECTIVE DEMOLITION WORK.
8. REVIEW WITH OWNER IF ANY DOOR HARDWARE IS TO BE SALVAGED OR DISPOSED.
9. NOTE CENTERED WITHIN A GIVEN SPACE: THIS IMPLIES THAT THE NOTED CONSTRUCTION IS TO BE REMOVED FROM FLOOR TO CEILING ON ALL WALLS TO REMAIN IN THE ORIGINAL SPACE.
10. NOTE WITH LEADER: THIS IMPLIES THAT A PATCH/PORTION OF THE NOTED CONSTRUCTION IS TO BE REMOVED WITHIN THE FIELD OF THE INDICATED WALL.
11. NOTE WITHIN DIMENSION STRING: THIS IMPLIES THAT THE NOTED CONSTRUCTION IS TO BE REMOVED FROM FLOOR TO CEILING FOR THE INDICATED PORTION OF WALL.

ARCHITECTURAL LEGEND



Seal
COMMONWEALTH OF VIRGINIA
ERICA F. SUNSHINE
Lic No. 9129
02/20/2026
ARCHITECT

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
MONTGOMERY HALL PARK POOL HOUSE & RESTROOMS
PROJECT INFORMATION AND DATA, NOTES, AND LEGENDS

No.	Date	Purpose of Document Issue

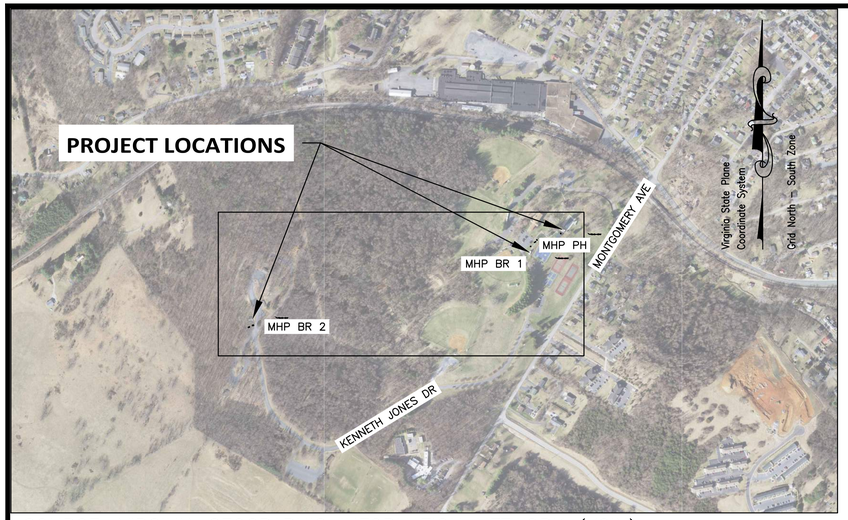
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Drawn	KCF
Checked	EFS
Date	02/20/2026

Project No.
18861

THOMPSON & LITTON

Sheet No.
G005

Date/Time: 3/11/2026 3:47:59 PM File Name: C:\Users\kathryn_foster\Documents\18861 MHP Pool House & Restroom Bldgs v25_kfosterWN9BB.rvt



SOURCE: VIRGINIA GEOGRAPHIC INFORMATION NETWORK (VGIN)

LOCATION MAP

SCALE: 1" = 500'

LEGEND

- CONTOUR
- SPOT ELEVATION
- BUILDING
- BENCHMARK
- GATE VALVE
- PROPERTY BOUNDARY
- CONCRETE
- WATER
- SANITARY SEWER
- SANITARY SEWER MANHOLE
- LIGHT POLE
- ELECTRICAL POLE
- ELECTRICAL BOX
- FENCE
- TREE/SHRUB
- LIMITS OF DISTURBANCE
- TO BE REMOVED

EROSION & SEDIMENT CONTROL LEGEND

SYMBOL	DESCRIPTION
SF 3.03 E501	SILT FENCE
OP 3.18 E501	OUTLET PROTECTION
TO 3.30 E501	TOPSOIL
TS 3.31 E501	TEMPORARY SEEDING
PS 3.32 E501	PERMANENT SEEDING
MU 3.35 E501	MULCHING
CE-1 3.02 C	E&S ITEM NUMBER / E&S DETAIL NUMBER / DETAIL SHEET NUMBER

PROPERTY INFORMATION

OWNER:	CITY OF STAUNTON
ADDRESS:	116 W BEVERLEY ST #3, STAUNTON, VA (24401)
TAX MAP NUMBER:	407
ADDRESS OF SITE:	1000 MONTGOMERY AVE, STAUNTON, VA (24401)
PARCEL AREA:	148 ACRES
LIMITS OF DISTURBANCE:	5992 SF (LIMITS OF DISTURBANCE CAN BE FOUND ON SHEET C101)

LAND USE TABULATION

EXISTING ASPHALT	180 SF
CONCRETE:	1724 SF
PROPOSED BUILDING:	200 SF
MANAGED TURF:	3817 SF
TOTAL AREA:	5992 SF

GENERAL NOTES

1. FIELD SURVEYS TO PROVIDE TOPOGRAPHIC MAPPING WERE PERFORMED BY THOMPSON & LITTON RADFORD, VIRGINIA, IN MARCH 2023.
2. VERTICAL CONTROL IS BASED ON NAD 1988 DATUM.
3. HORIZONTAL CONTROL IS BASED UPON THE VIRGINIA STATE PLANE COORDINATE SYSTEM, SOUTH ZONE (NAD 83).
4. THE EXISTENCE AND LOCATION OF EXISTING UTILITIES ARE NOT GUARANTEED AND SHALL BE INVESTIGATED AND FIELD VERIFIED BY THE CONTRACTOR BEFORE STARTING WORK. ANY DAMAGE DONE TO EXISTING UNDERGROUND UTILITIES AND FACILITIES SHALL BE REPAIRED WITH THE UTILITIES AND FACILITIES RESTORED TO AT LEAST THEIR ORIGINAL CONDITION. THE CONTRACTOR SHALL BEAR ALL COSTS ASSOCIATED WITH THESE REPAIRS.
5. THE CONTRACTOR SHALL CONTACT "VIRGINIA 811" 72 HOURS BEFORE ANY EXCAVATION WORK IS BEGUN. "VIRGINIA 811" MAY BE REACHED AT 1-800-552-7001.
6. ALL DISTURBED AREAS SHALL BE GRADED TO MAINTAIN POSITIVE DRAINAGE AWAY FROM THE BUILDING.
7. ALL SPOT ELEVATIONS ARE INTENDED FOR FINAL GRADE.
8. ALL UNPAVED AND UNGRAVELED AREAS DISTURBED BY EXCAVATION SHALL BE STABILIZED IN ACCORDANCE WITH THE PROJECT DOCUMENTS.
9. THIS PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITION OF THE VIRGINIA DEPARTMENT OF TRANSPORTATION'S ROAD AND BRIDGE SPECIFICATIONS AND ROAD AND BRIDGE STANDARDS ALONG WITH ALL CODES LISTED ON G002 AS APPLICABLE.
10. ALL SIDEWALKS LOCATED ALONG ACCESSIBLE ROUTES HAVE BEEN DESIGNED TO HAVE A 5% MAXIMUM SLOPE AND 2% CROSS SLOPE. ALL SIDEWALKS SHALL BE CONSTRUCTED AT THE GRADE INDICATED.
11. THIS PROJECT IS NOT LOCATED WITHIN A FEMA DESIGNATED 100-YEAR FLOOD ZONE. RESTROOM 1 AND THE POOL HOUSE IS SHOWN ON FIRM PANEL NO. 51015C0339E DATED 01/06/20010. RESTROOM 2 IS SHOWN ON FIRM PANEL NO. 51015C0338D DATED 09/28/2007. THIS DETERMINATION HAS BEEN MADE BY GRAPHIC METHODS. NO ELEVATION STUDY WAS PERFORMED AS A PART OF THIS PROJECT.
12. THE CONTRACTOR SHALL PROVIDE A PLANIMETRIC AND TOPOGRAPHIC RECORD SURVEY PERFORMED BY A LICENSED SURVEYOR IN THE STATE OF VIRGINIA WITHIN THE LIMITS OF DISTURBANCE FOLLOWING SUBSTANTIAL COMPLETION AT NO ADDITIONAL COST TO THE OWNER. THE AFOREMENTIONED SURVEY SHALL BE PROVIDED TO THE OWNER AND ENGINEER FOR THEIR REVIEW.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EROSION AND SEDIMENT CONTROL MAINTENANCE AND CHOOSE RATHER TO PERMANENT SEED OR SOD ISLANDS AND COURTYARD.
14. MINIMUM COVER FOR DRAINAGE FOR DRAINAGE PIPE SHALL BE 1'-0" UNLESS OTHERWISE INDICATED.
15. MINIMUM COVER FOR WATER LINE SHALL BE 3'-0" UNLESS OTHERWISE INDICATED.
16. SWEEPING EQUIPMENT SHALL BE ON THE PROJECT SITE AND THE ROADWAY SHALL BE SWEPT DAILY. ALL SWEEPING ACTIVITIES SHALL BE HAND BROOM SWEPT UNLESS OTHER WISE DIRECTED BY THE OWNER.
17. WHEN "CLEATED (TRACK MOUNTED) EQUIPMENT" IS USED DURING CONSTRUCTION, THE PAVEMENT MUST BE PROTECTED BY EITHER VDOT NO. 9 OR NO. 10 AGGREGATE OR OTHER VDOT APPROVED MEANS. ALL EQUIPMENT OUTRIGGERS SHALL HAVE RUBBER PADS FOR USE ON PAVED SURFACES.
18. WHERE PAVEMENT RESTORATION IS REQUIRED THE CONTRACTOR SHALL PROVIDE BASE INTERMEDIATE AND SURFACE LIFTS CONSISTENT WITH THE EXISTING PAVEMENT STRUCTURE.
19. ALL EXCESS SOD AND SOIL TO BE REMOVED TO AN OFF SITE LOCATION AND LEGALLY DISPOSED OF, AT NO ADDITIONAL COST TO THE OWNER.
20. UNLESS OTHERWISE DIRECTED BY THE OWNER. ALL DEMOLISHED BUILDING MATERIAL TO BE REMOVED TO AN OFFSITE LOCATION AND LEGALLY DISPOSED OF, AT NO ADDITIONAL COST TO THE OWNER.

EROSION & SEDIMENT CONTROL NOTES

ES-1. UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION & SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE "VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK" (VESCH), VIRGINIA EROSION AND SEDIMENT CONTROL REGULATIONS (9VAC25-840-60).

ES-2. THE PLAN APPROVING AUTHORITY MUST BE NOTIFIED ONE WEEK PRIOR TO THE PRE-CONSTRUCTION CONFERENCE, TWO WEEKS PRIOR TO THE COMMENCEMENT OF LAND DISTURBING ACTIVITY, AND TWO WEEKS PRIOR TO THE FINAL INSPECTION.

ES-3. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE PLACED PRIOR TO OR AS THE FIRST STEP IN CLEARING.

ES-4. INSTALL ADDITIONAL EROSION CONTROL MEASURES AS REQUIRED TO PREVENT SEDIMENT LADEN RUNOFF FROM LEAVING THE SITE, AND AS DETERMINED BY THE PLAN APPROVING AUTHORITY OR ENGINEER.

ES-5. ALL DISTURBED AREAS SHALL DRAIN TO APPROVED SEDIMENT CONTROL MEASURES AT ALL TIMES DURING LAND DISTURBING ACTIVITIES AND DURING SITE DEVELOPMENT UNTIL FINAL STABILIZATION IS ACHIEVED.

ES-6. DURING DEWATERING OPERATIONS, WATER SHALL BE PUMPED INTO AN APPROVED FILTERING DEVICE.

ES-7. THE CONTRACTOR SHALL INSPECT ALL EROSION AND SEDIMENT CONTROL FACILITIES PERIODICALLY AND AFTER EACH RUNOFF – PRODUCING RAINFALL EVENT. ANY NECESSARY REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF THE EROSION AND SEDIMENT CONTROL FACILITIES SHALL BE MADE IMMEDIATELY. RECORDS OF ALL INSPECTIONS AND REPAIRS MADE TO EROSION AND SEDIMENT CONTROL FACILITIES SHALL BE MAINTAINED BY THE CONTRACTOR.

ES-8. THE RESPONSIBLE LAND DISTURBER SHALL INSPECT EROSION AND SEDIMENT CONTROL DEVICES AND MEASURES FOR PROPER INSTALLATION AND DEFICIENCIES IMMEDIATELY AFTER EACH RAINFALL; AT LEAST DAILY DURING PROLONGED RAINFALL, AND WEEKLY WHEN NO RAINFALL EVENTS OCCUR.

ES-9. STORE EXCAVATED TOPSOIL IN TOPSOIL STOCKPILES WITHIN THE LIMITS OF CONSTRUCTION WITH SILT FENCE ON THE DOWN SLOPE SIDE IN ACCORDANCE WITH VESCH (LATEST EDITION).

ES-10. ALL DISTURBED AREAS NOT OTHERWISE HARDSCAPED AND STABILIZED ARE TO BE SEEDED IN ACCORDANCE WITH THE SPECIFICATIONS AND THE VESCH (LATEST EDITION).

ES-11. SEED AND MULCH ALL SOIL STOCKPILES AND MATERIALS LEFT UNDISTURBED IN ACCORDANCE WITH VESCH (LATEST EDITION).

ES-12. ALL CULVERT INLET PROTECTION AND STORM DRAIN INLET PROTECTION MUST REMAIN IN-PLACE FOR THE DURATION OF THE PROJECT.

COMMONWEALTH OF VIRGINIA
M. ANDREW MONK
Lic. No. 050716
2/20/26
PROFESSIONAL ENGINEER

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
MONTGOMERY HALL PARK POOL HOUSE AND RESTROOMS

GENERAL NOTES, EROSION AND SEDIMENT CONTROL NOTES, AND LEGENDS

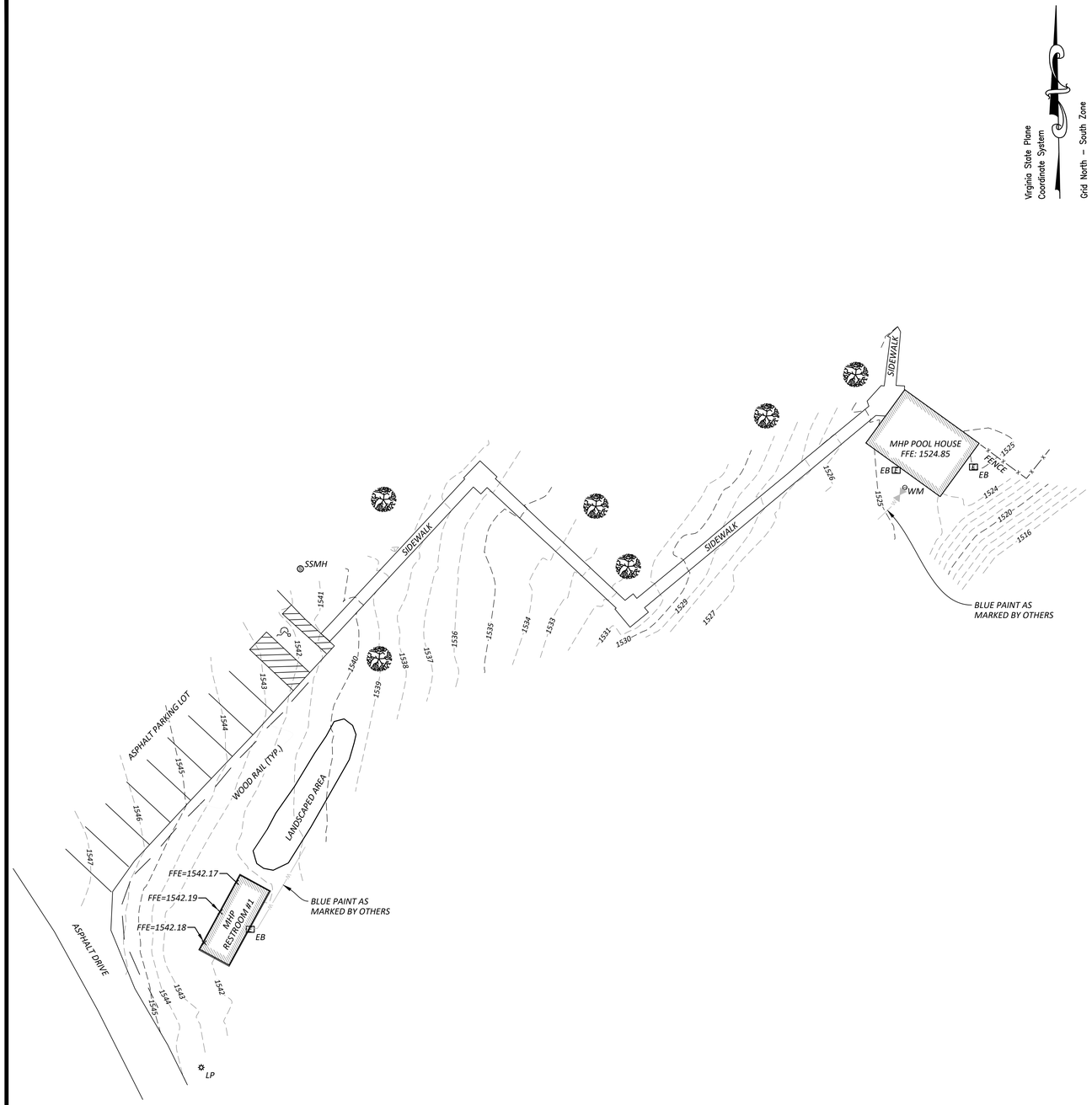
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Date	2/20/2026

Project No. 18861

THOMPSON & LITTON

Sheet No. C001





COMMONWEALTH OF VIRGINIA
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CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
MONTGOMERY HALL PARK POOL HOUSE AND RESTROOMS

EXISTING CONDITIONS

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Date	2/20/2026

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18861

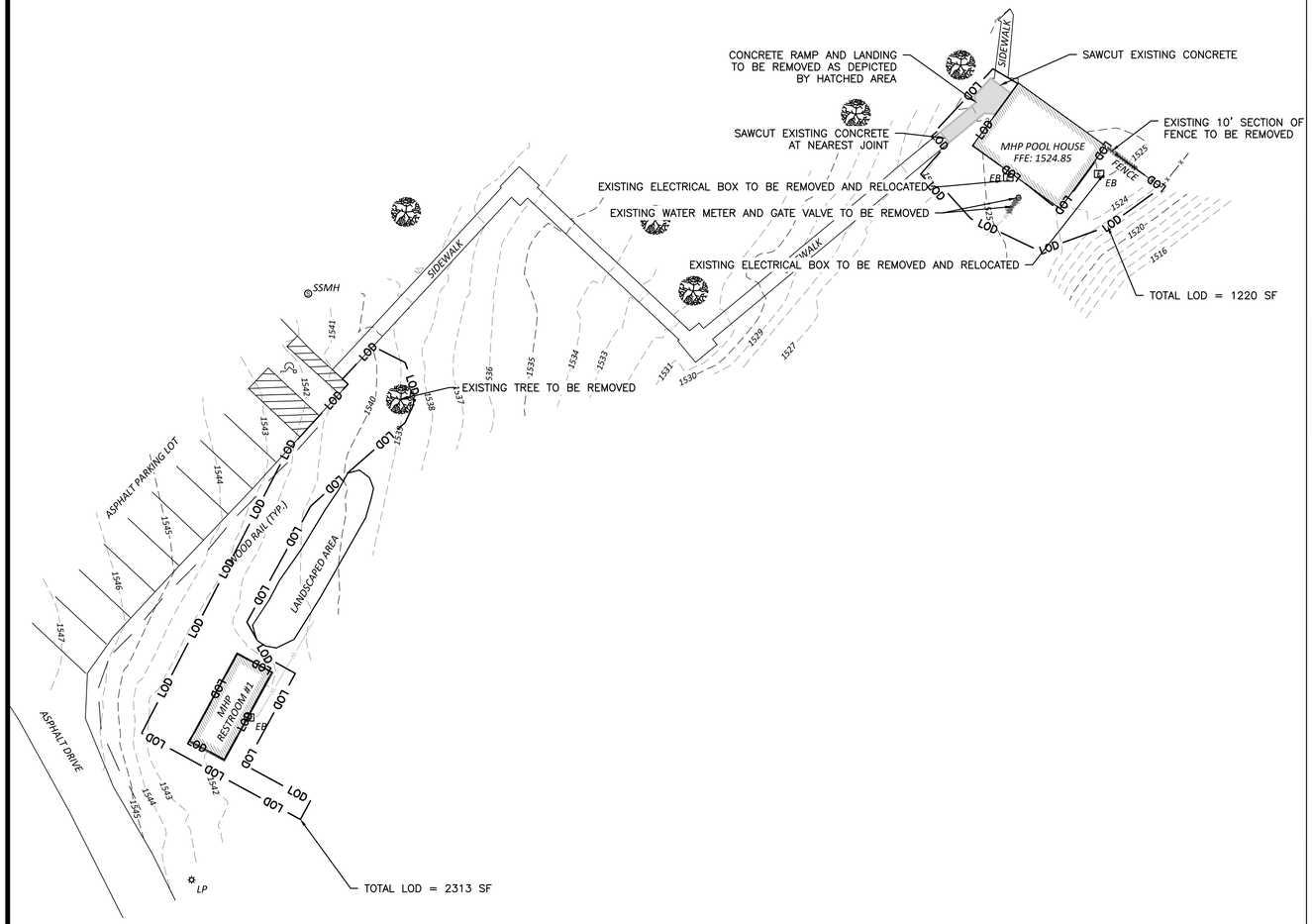
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DEMOLITION NOTES:

1. COORDINATE THE DEMOLITION AND SAW CUTTING OF THE SIDEWALKS WITH THE CITY OF STAUNTON.
2. UTILITY SERVICE DISRUPTIONS SHALL BE MINIMIZED AND COORDINATED WITH THE CITY OF STAUNTON.
3. NO TREE CLEARING SHALL BE PERMITTED OUTSIDE OF THE LIMITS OF DISTURBANCE. IF A TREE IS LOCATED WITHIN THE LIMITS OF DISTURBANCE, BUT RESIDES AT AN ELEVATION EQUAL TO THAT OF THE PROPOSED GRADE, THEN THE TREE CAN REMAIN (FIELD VERIFY AND COORDINATE WITH THE CITY OF STAUNTON). TREES LOCATED IMMEDIATELY OUTSIDE OF THE LIMITS OF DISTURBANCE AND TREES TO REMAIN WITHIN THE LIMITS OF DISTURBANCE, AS PREVIOUSLY DESCRIBED, SHALL BE PROTECTED AS OUTLINED WITHIN SECTION 3.38 – TREE PRESERVATION AND PROTECTION OF THE VESCH. IF THE ROOT ZONE OF ANY TREE IS IMPACTED TO A DEGREE THAT WILL DAMAGE OR ULTIMATELY DESTROY THE TREE OVERTIME, THAT TREE MUST BE REMOVED.
4. FELLED TREES TO BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE.

Virginia State Plane Coordinate System
Grid North – South Zone



TOTAL LIMITS OF DISTURBANCE = 5992 SF

DEMOLITION LEGEND

TO BE DEMOLISHED

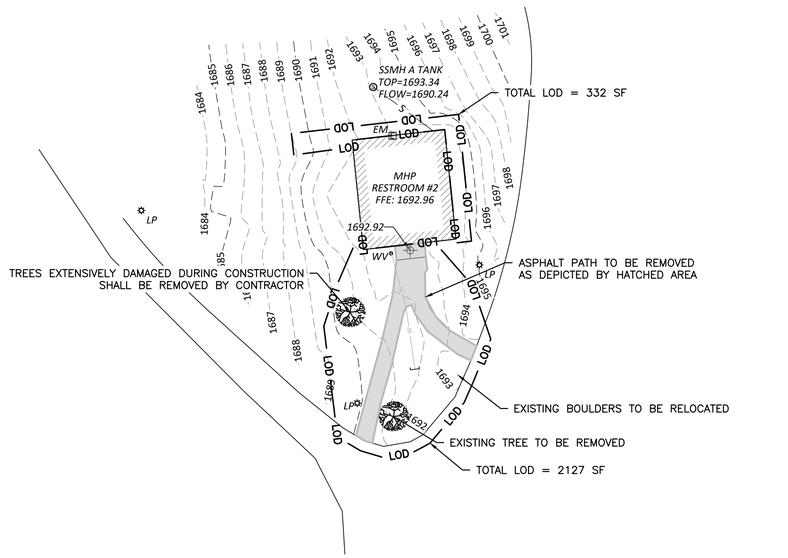
LINEAR DEMOLITION

GRAPHIC SCALE

20' 0 10' 20' 40'

(IN FEET)
1" = 20'
CONTOUR INTERVAL = 1'

Virginia State Plane Coordinate System
Grid North – South Zone



DEMOLITION LEGEND

TO BE DEMOLISHED

LINEAR DEMOLITION

GRAPHIC SCALE

20' 0 10' 20' 40'

(IN FEET)
1" = 20'
CONTOUR INTERVAL = 1'

COMMONWEALTH OF VIRGINIA
M. ANDREW MONK
Lic. No. 050716
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PROFESSIONAL ENGINEER

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
MONTGOMERY HALL PARK POOL HOUSE AND RESTROOMS

DEMOLITION PLANS

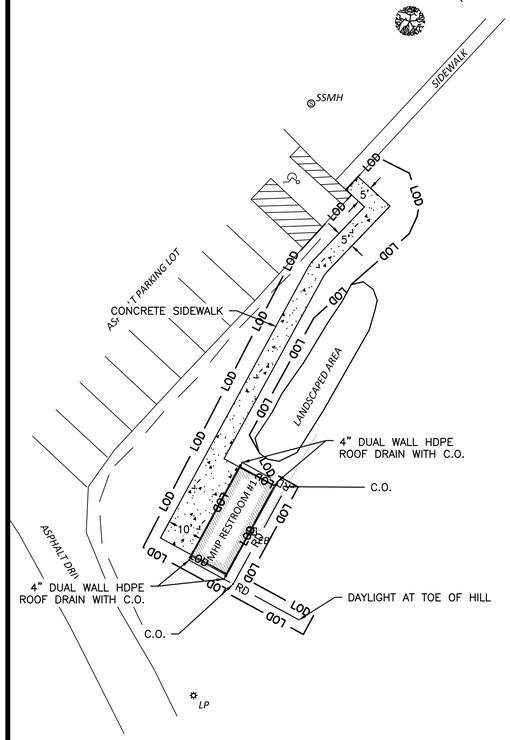
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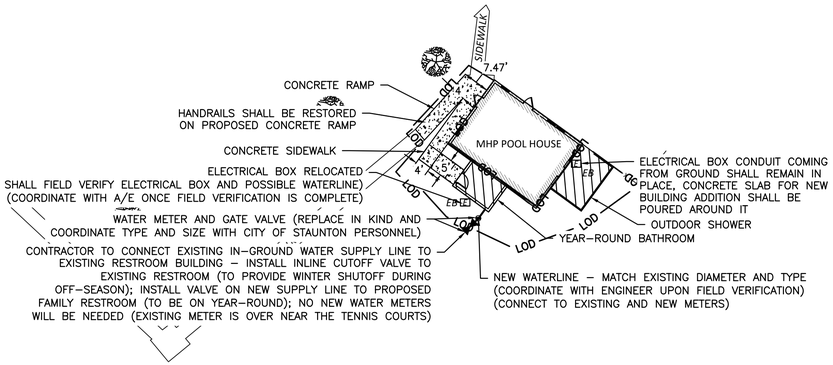
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18861

THOMPSON & LITTON

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Virginia State Plane Coordinate System

Grid North - South Zone

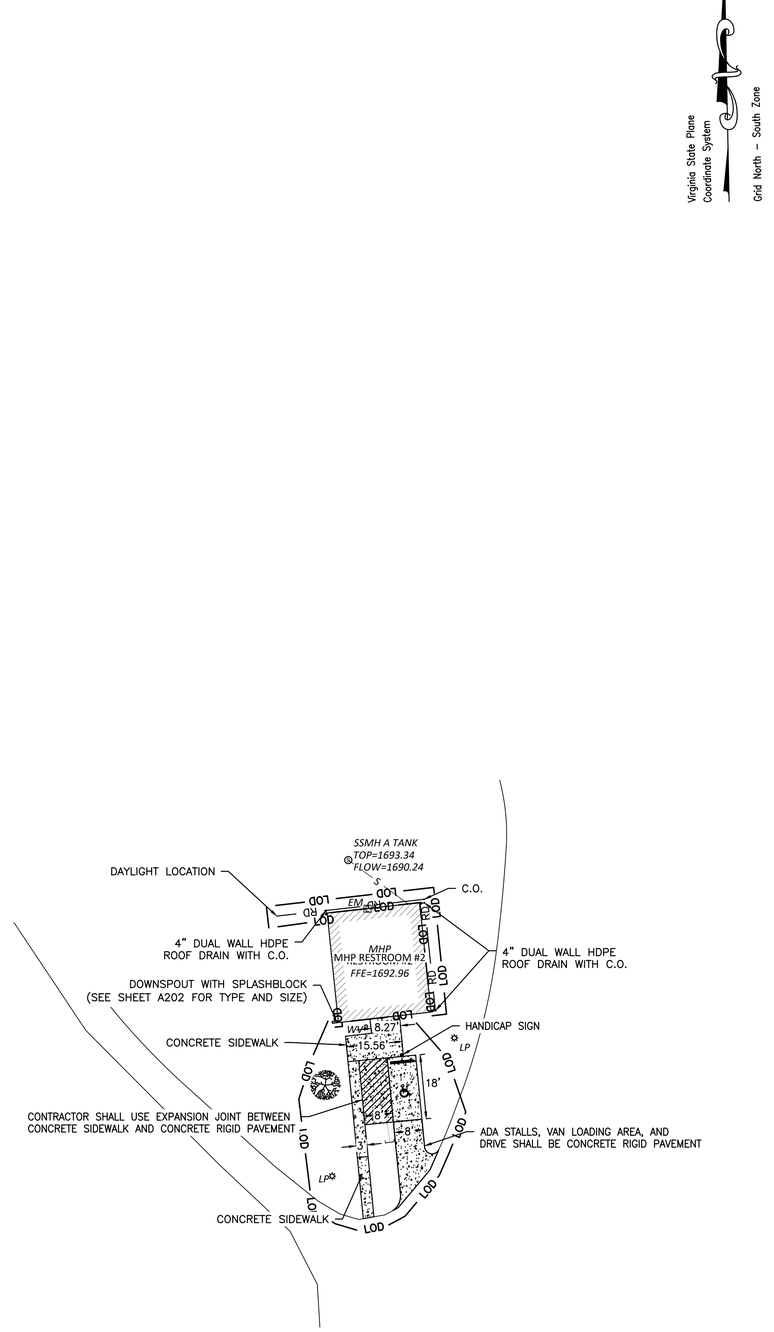
GRAPHIC SCALE

20' 0 10' 20' 40'

(IN FEET)

1" = 20'

CONTOUR INTERVAL = 1'



Virginia State Plane Coordinate System

Grid North - South Zone

GRAPHIC SCALE

20' 0 10' 20' 40'

(IN FEET)

1" = 20'

CONTOUR INTERVAL = 1'

COMMONWEALTH OF VIRGINIA
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Lic. No. 050716
2/20/26
PROFESSIONAL ENGINEER

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
MONTGOMERY HALL PARK POOL HOUSE AND RESTROOMS

SITE PLAN

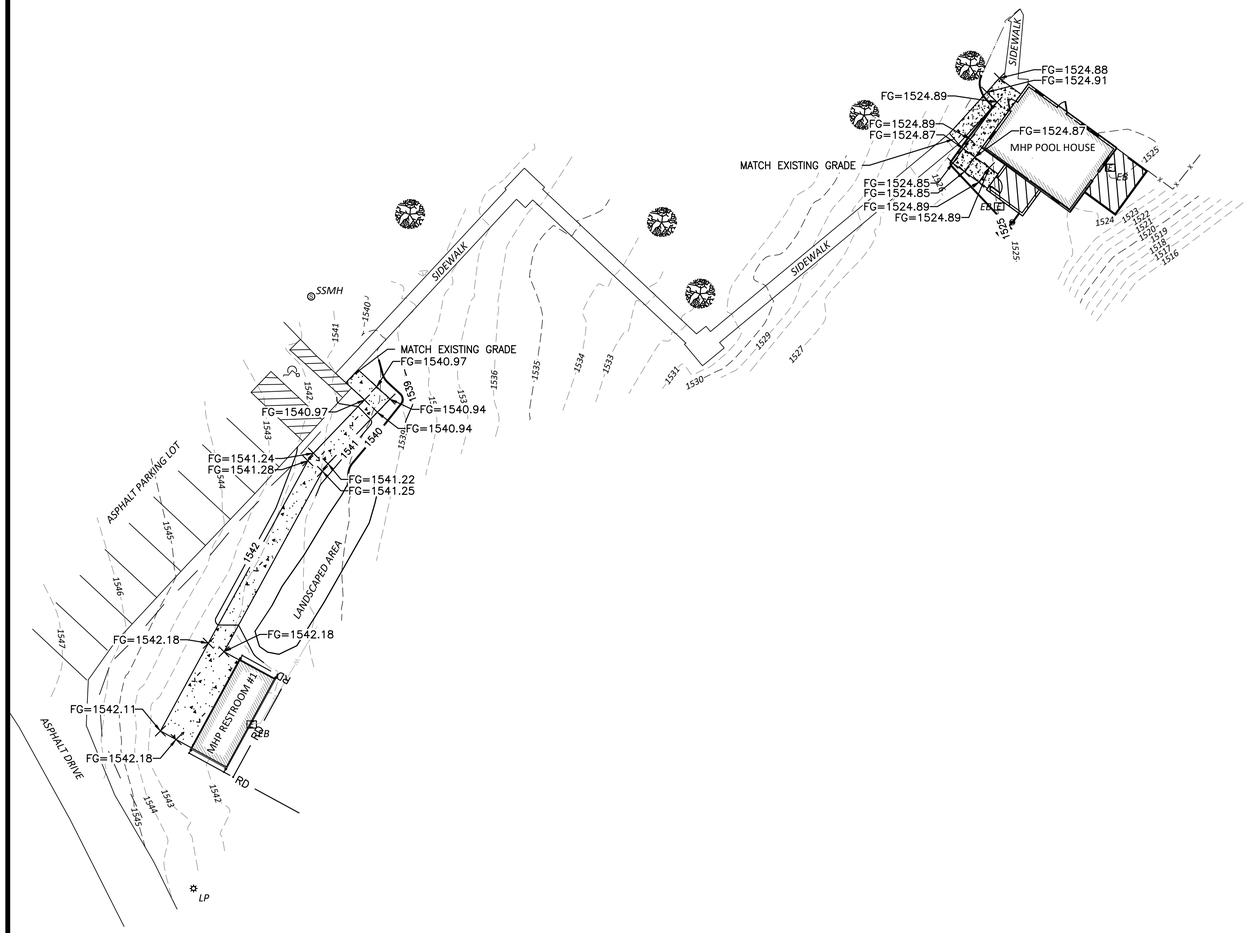
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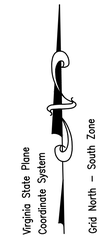
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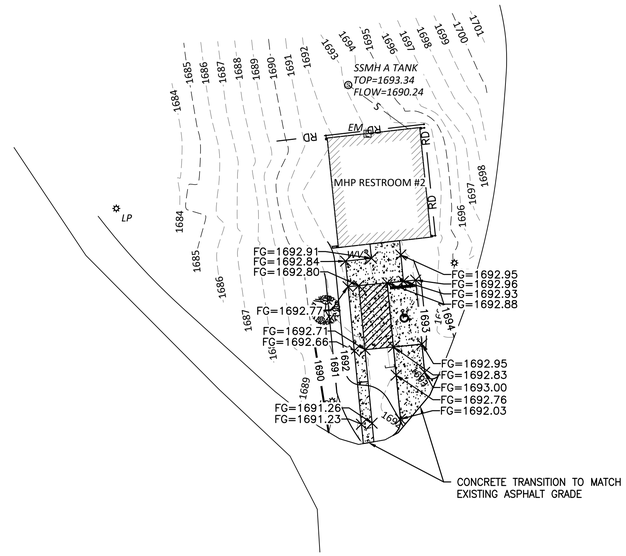
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Sheet No.
C200







COMMONWEALTH OF VIRGINIA
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PROFESSIONAL ENGINEER

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
MONTGOMERY HALL PARK POOL HOUSE AND RESTROOMS

GRADING PLAN

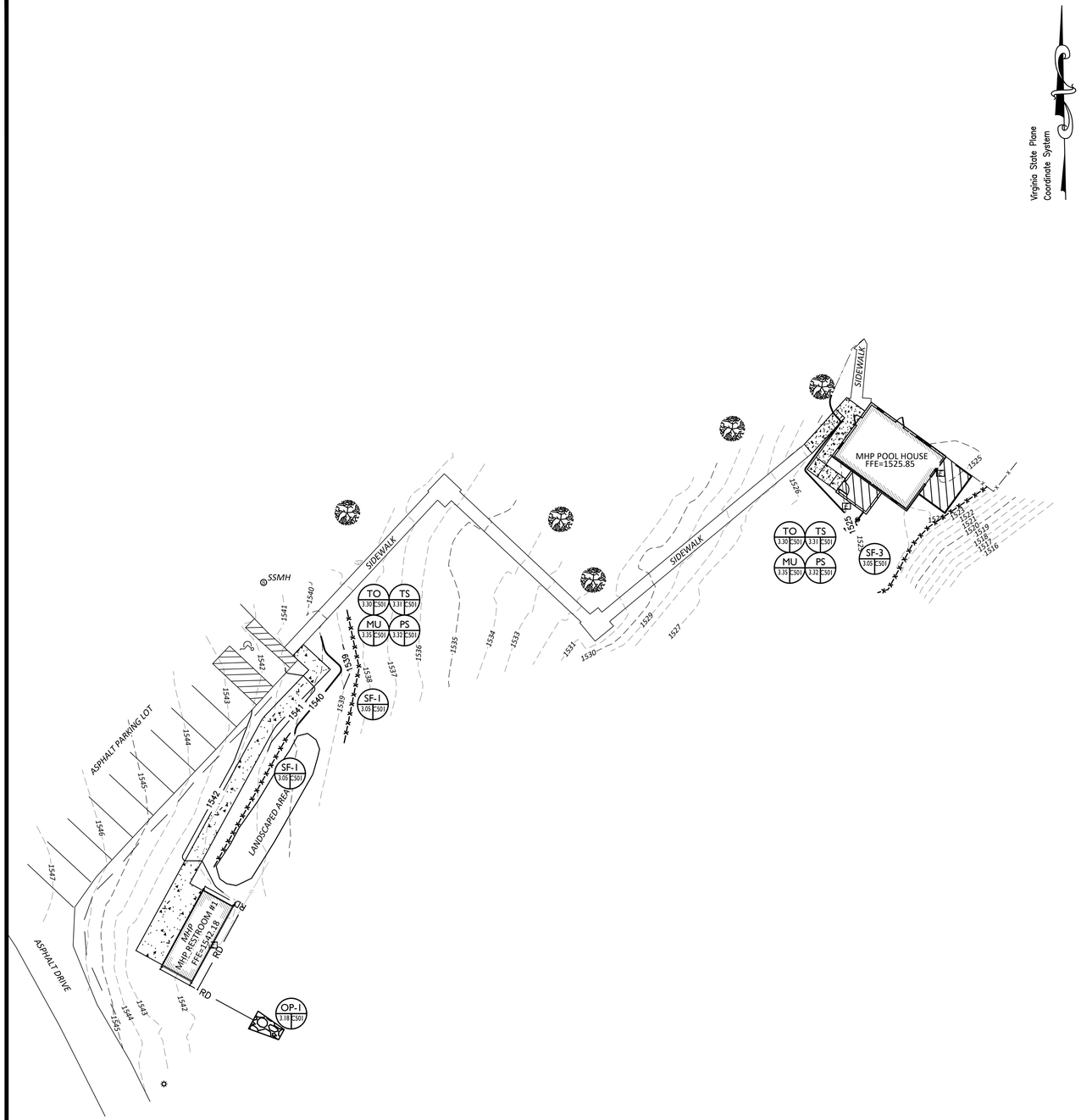
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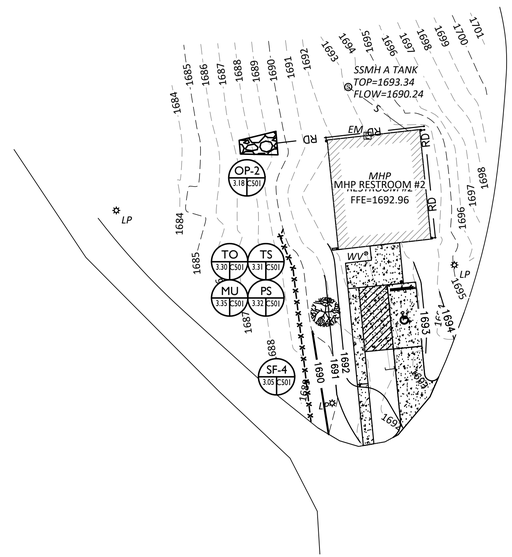
THOMPSON & LITTON

Sheet No.
C300



GRAPHIC SCALE
20' 0 10' 20' 40'
(IN FEET)
1" = 20'
CONTOUR INTERVAL = 1'





GRAPHIC SCALE
20' 0 10' 20' 40'
(IN FEET)
1" = 20'
CONTOUR INTERVAL = 1'

COMMONWEALTH OF VIRGINIA
M. ANDREW MONK
Lic. No. 050716
2/20/26
PROFESSIONAL ENGINEER

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
MONTGOMERY HALL PARK POOL HOUSE AND RESTROOMS

EROSION & SEDIMENT CONTROL PLAN

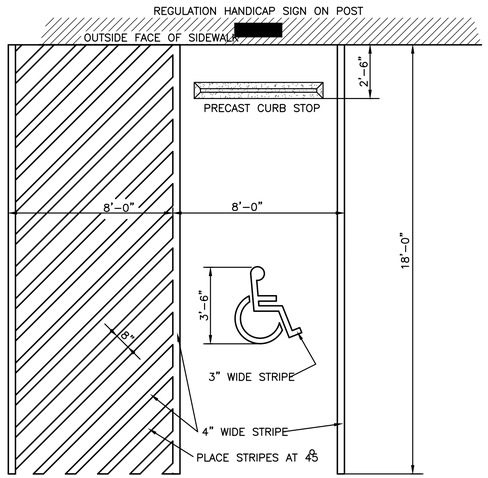
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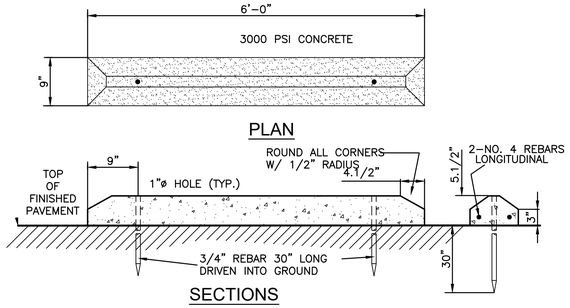
THOMPSON & LITTON

Sheet No.
C400



TYPICAL HANDICAP VAN PARKING STALL LAYOUT

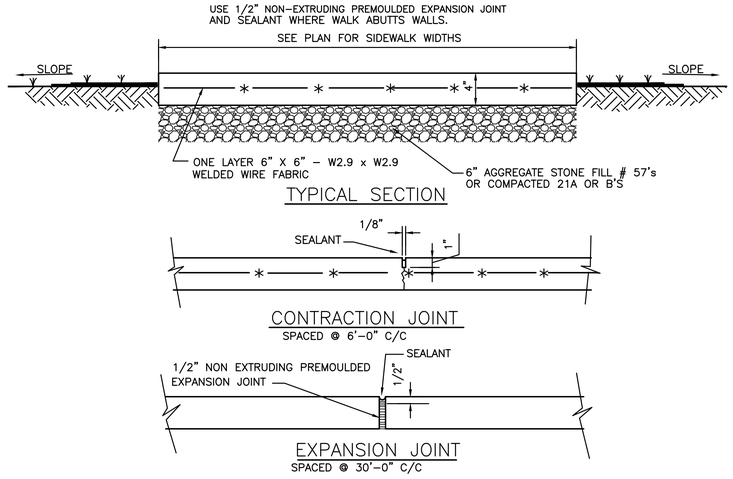
NOT TO SCALE



NOTE: CURB STOPS SHALL BE PLACED 3' FROM THE FACE OF CURB.

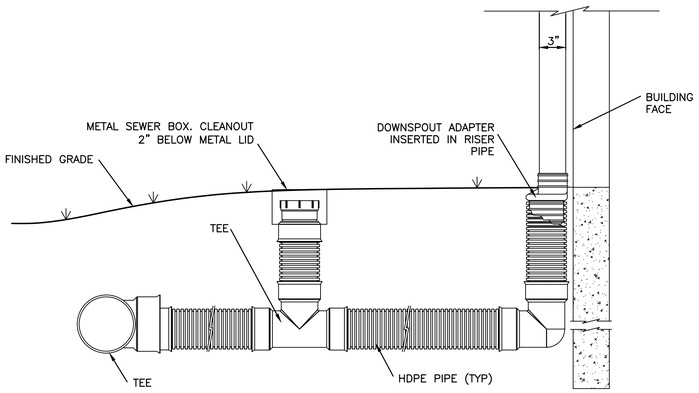
TYPICAL DETAIL - CURB STOP

NOT TO SCALE



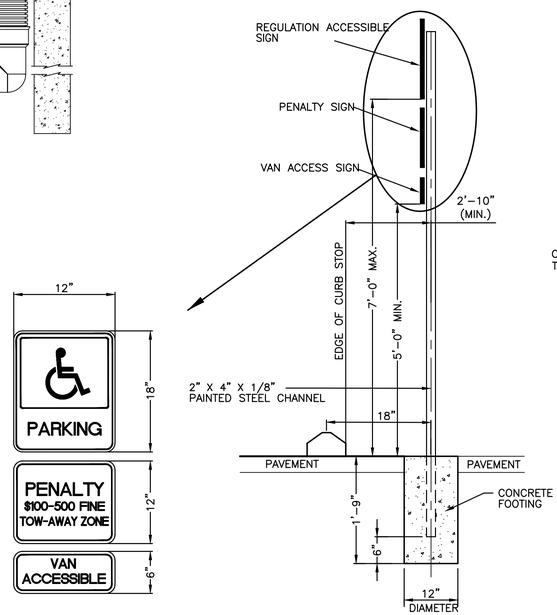
TYPICAL DETAIL - SIDEWALK

NOT TO SCALE



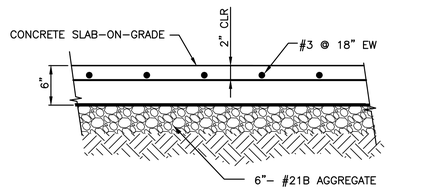
TYPICAL DETAIL - 4" ROOFDRAIN WITH CLEANOUT

NOT TO SCALE



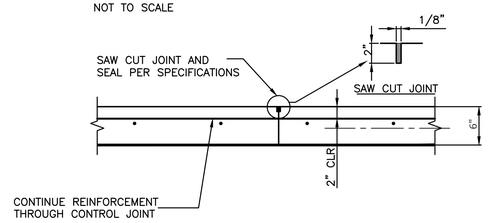
TYPICAL DETAIL - ACCESSIBLE PARKING SIGN

NOT TO SCALE



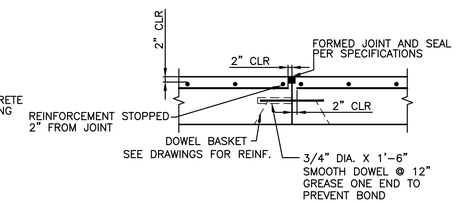
TYPICAL DETAIL - CONCRETE RIGID PAVEMENT

NOT TO SCALE



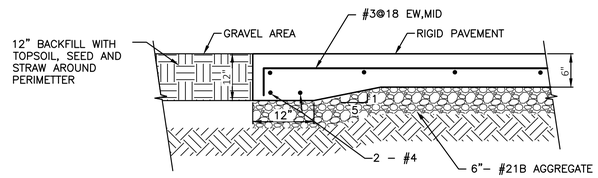
TYPICAL DETAIL - CONTROL JOINT FOR CONCRETE RIGID PAVEMENT

NOT TO SCALE



TYPICAL DETAIL - CONSTRUCTION JOINT FOR CONCRETE RIGID PAVEMENT

NOT TO SCALE



TYPICAL DETAIL - TURN DOWN RIGID PAVEMENT

NOT TO SCALE

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M. ANDREW MONK
Lic. No. 050716
2/20/26
PROFESSIONAL ENGINEER

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
MONTGOMERY HALL PARK POOL HOUSE AND RESTROOMS

SITE DETAILS

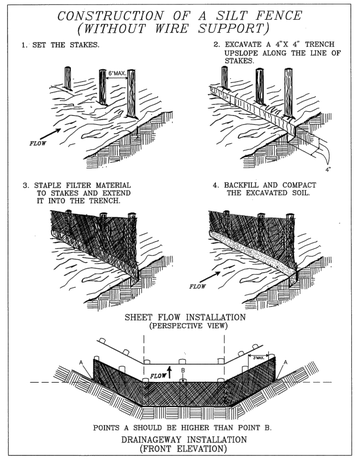
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Designed	ERB
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18861

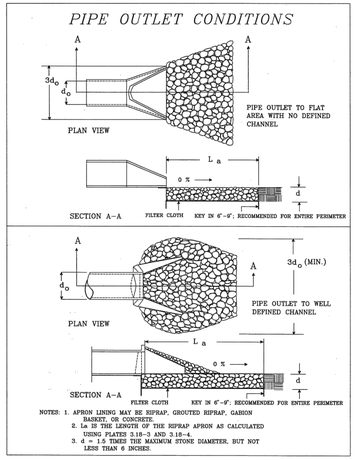
THOMPSON & LITTON

Sheet No.
C500



Source: Adapted from Installation of Straw and Fabric Filter Barriers for Sediment Control, Sherwood and Wyant

Plate 3.05-2



Source: Va. DSWC

Plate 3.18-1

TABLE 3.35-A

ORGANIC MULCH MATERIALS AND APPLICATION RATES

MULCHES:	RATES: Per Acre	RATES: Per 1000 sq. ft.	NOTES:
Straw or Hay	1½ - 2 tons (Minimum 2 tons for winter cover)	70 - 90 lbs.	Free from weeds and coarse matter. Must be anchored. Spread with mulch blower or by hand.
Fiber Mulch	Minimum 1500 lbs.	35 lbs.	Do not use as mulch for winter cover or during hot, dry periods.* Apply as slurry.
Corn Stalks	4 - 6 tons	185 - 275 lbs.	Cut or shredded in 4-6" lengths. Air-dried. Do not use in fine turf areas. Apply with mulch blower or by hand.
Wood Chips	4 - 6 tons	185 - 275 lbs.	Free of coarse matter. Air-dried. Treat with 12 lbs nitrogen per ton. Do not use in fine turf areas. Apply with mulch blower, chip handler, or by hand.
Bark Chips or Shredded Bark	50 - 70 cu. yds.	1-2 cu. yds.	Free of coarse matter. Air-dried. Do not use in fine turf areas. Apply with mulch blower, chip handler, or by hand.

* When fiber mulch is the only available mulch during periods when straw should be used, apply at a minimum rate of 2000 lbs./ac. or 45 lbs./1000 sq. ft.

Source: Va. DSWC

seed germination. Special consideration should be given to the types of equipment used to place topsoil in areas to receive fine turf. Avoid unnecessary compaction by heavy machinery whenever possible. In areas which are not going to be mowed, the surface should be left rough in accordance with SURFACE ROUGHENING (Std. & Spec. 3.29).

Soil Sterilants

No sod or seed shall be placed on soil which has been treated with soil sterilants until sufficient time has elapsed to permit dissipation of toxic materials.

TABLE 3.30-A

CUBIC YARDS OF TOPSOIL REQUIRED FOR APPLICATION TO VARIOUS DEPTHS

Depth (inches)	Per 1,000 Square Feet	Per Acre
1	3.1	134
2	6.2	268
3	9.3	403
4	12.4	537
5	15.5	672
6	18.6	806

Source: Va. DSWC

A: PERMANENT SEEDING:

SPECIES	MINIMUM WEIGHT	MINIMUM PURITY	MINIMUM GERMINATION	SEEDING RATE (LBS. PER ACRE)
KENTUCKY 31 OR TURF TYPE TALL FESCUE	90%	97%	85%	225
KENTUCKY BLUEGRASS	10%	97%	85%	25

B: TEMPORARY SEEDING:

SEEDING DATE	SPECIES	MINIMUM WEIGHT	MINIMUM PURITY	MINIMUM GERMINATION	SEEDING RATE (LBS. PER ACRE)
02/16–04/30	ANNUAL RYEGRASS	100%	97%	90%	100
05/01–08/31	GERMAN MILLET	100%	98%	85%	50
09/01–02/15	50/50 MIX OF ANNUAL RYEGRASS & CEREAL RYE	100%	97%	90%	100

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MONTGOMERY HALL PARK POOL HOUSE AND RESTROOMS

EROSION AND SEDIMENT CONTROL DETAILS

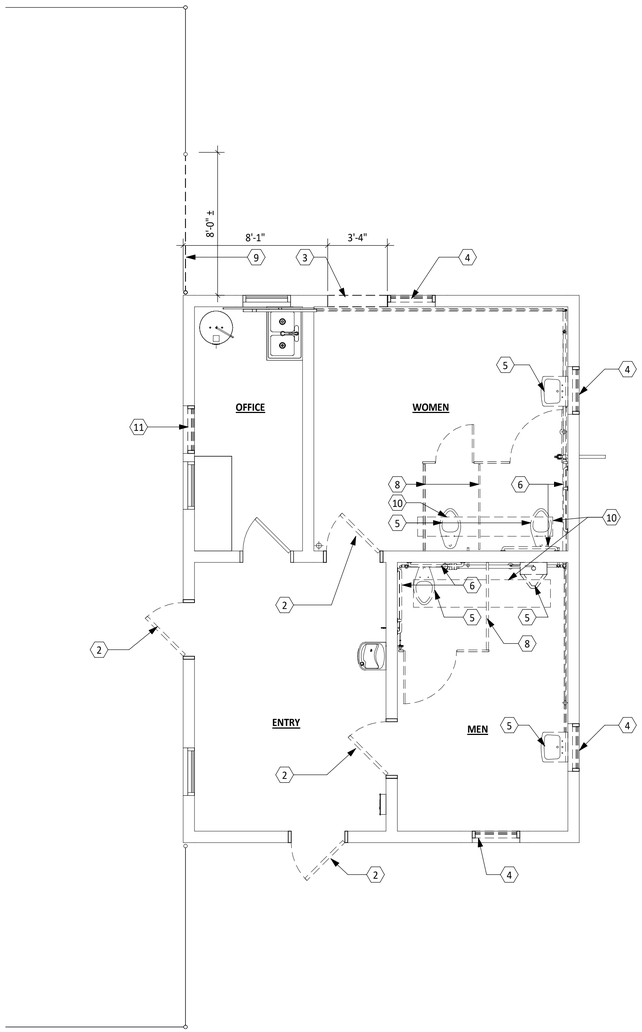
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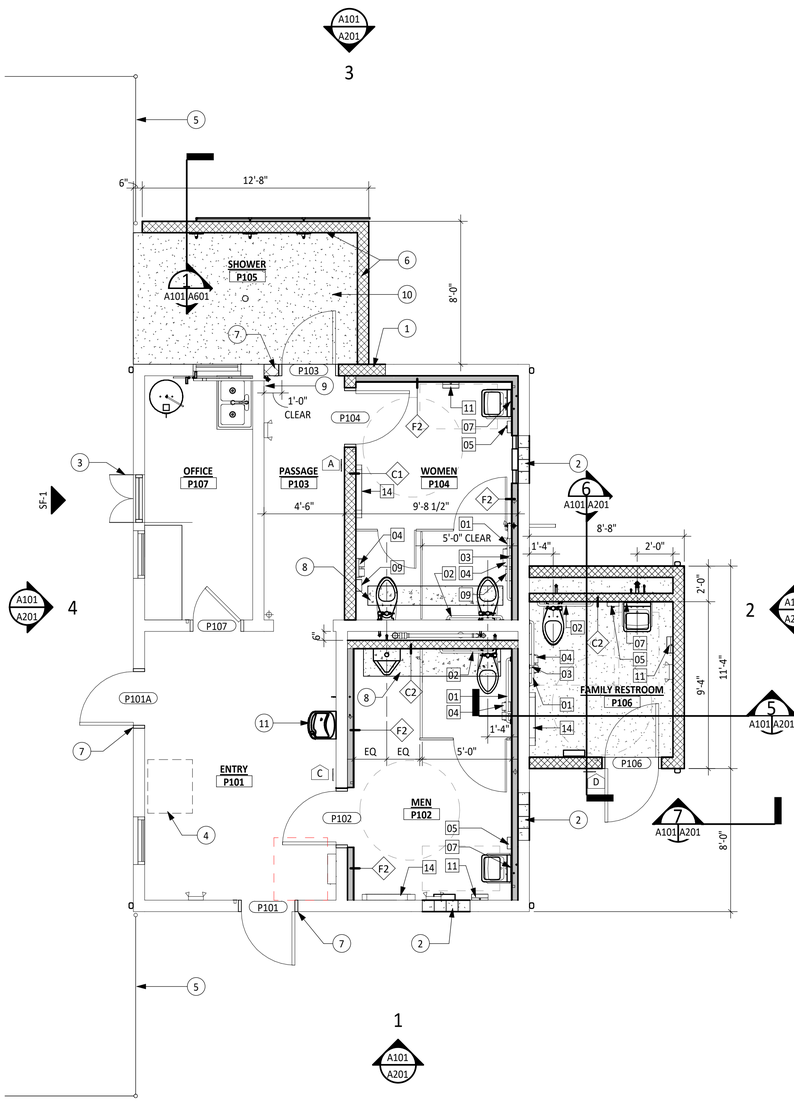
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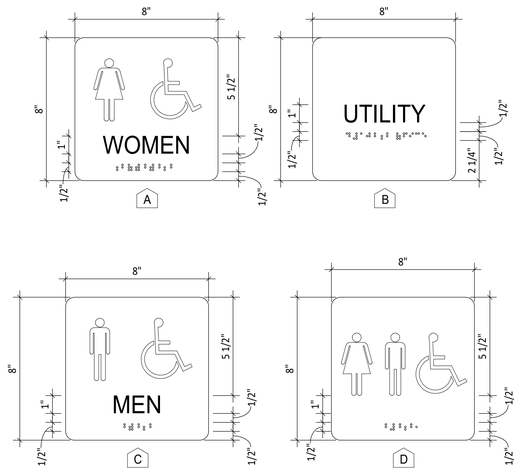
Project No. 18861

THOMPSON & LITTON

Sheet No. C501







POOL HOUSE DEMOLITION PLAN

1/4" = 1'-0"

PLAN NORTH

DEMOLITION NOTES

OCCURS WHERE (?) ARE INDICATED ON DRAWINGS.

2	REMOVE EXISTING DOOR(S) AND FRAME
3	REMOVE EXISTING CMU WALL FOR NEW OPENING. SHORE/BRACE EXISTING CMU AS REQUIRED FOR NEW LINTEL
4	REMOVE EXISTING LOUVER. PREPARE OPENING FOR NEW WORK
5	REMOVE EXISTING PLUMBING FIXTURE, EXISTING PLUMBING LINES TO BE REUSED FOR NEW WORK. REFER TO PLUMBING PLANS
6	REMOVE EXISTING TOILET ACCESSORIES
7	REMOVE EXISTING SIDING
8	REMOVE EXISTING TOILET PARTITION
9	REMOVE PORTION OF EXISTING CHAINLINK FENCE
10	REMOVE EXISTING CONCRETE SLAB AS REQUIRED FOR NEW PLUMBING WORK
11	REMOVE EXISTING PLYWOOD, HINGES AND EXISTING WINDOW

POOL HOUSE NEW WORK PLAN

1/4" = 1'-0"

PLAN NORTH

POOL HOUSE CONSTRUCTION NOTES

OCCURS WHERE (#) ARE INDICATED ON DRAWINGS.

1	PATCH CMU WHERE EXISTING WINDOW HAS BEEN REMOVED, ALIGN WITH EXISTING
2	NEW TRANSLUCENT GLASS BLOCK INFILL
3	NEW SHUTTERS (SIDE HINGE) WITH SOLID PANELS. VERIFY SIZE IN FIELD.
4	EXISTING VENDING MACHINE TO REMAIN
5	EXISTING FENCE TO REMAIN
6	8'-0" HIGH 8" CMU WALL FULLY GROUTED WITH DOUBLE BULL NOSE CAP
7	REBUILD CMU WALL AT DOOR JAMB
8	INFILL CONCRETE SLAB WITH NEW CONCRETE SLAB (REFER TO STRUCTURAL DRAWINGS) WHERE PLUMBING LINES HAVE BEEN INSTALLED. PROVIDE SMOOTH TRANSITION TO EXISTING FLOOR
9	PATCH CMU WHERE DRAIN WAS REMOVED
10	CONCRETE SLAB. REFER TO STRUCTURAL DRAWINGS
11	EXISTING WATER COOLER TO REMAIN

TOILET ACCESSORY LEGEND

OCCURS WHERE 00 ARE INDICATED ON DRAWINGS.

DESCRIPTION	NUMBER
42" HORIZONTAL GRAB BAR	01
36" HORIZONTAL GRAB BAR	02
18" VERTICAL GRAB BAR	03
TOILET TISSUE DISPENSER	04
SOAP DISPENSER	05
18" x 36" FRAMED MIRROR UNIT	07
SANITARY NAPKIN DISPOSAL UNIT	09
PAPER TOWEL DISPENSER	11
BABY CHANGING STATION	14

SIGNAGE TYPES

3" = 1'-0"

SIGNAGE SCHEDULE

ROOM NUMBER	SIGN TYPE	ROOM NAME	QUANTITY
P102	C	MEN	1
P104	A	WOMEN	1
P106	D	FAMILY RESTROOM	1

0 2' 4' 8'

SCALE: 1/4" = 1'-0"

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ERICA F. SUNSHINE
Lic No. 9129
02/20/2026
ARCHITECT

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
MONTGOMERY HALL PARK POOL HOUSE & RESTROOMS

POOL HOUSE DEMOLITION AND NEW WORK PLANS

No.	Date	Purpose of Document Issue

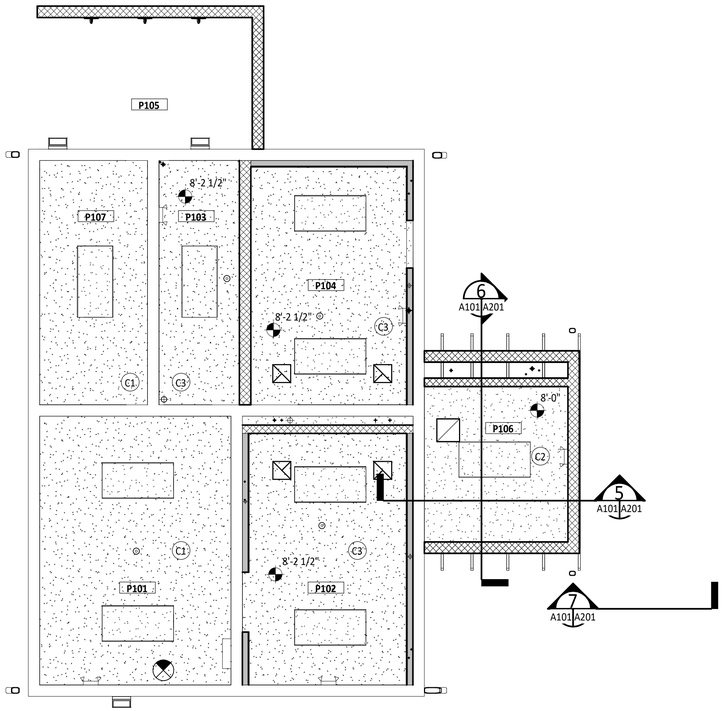
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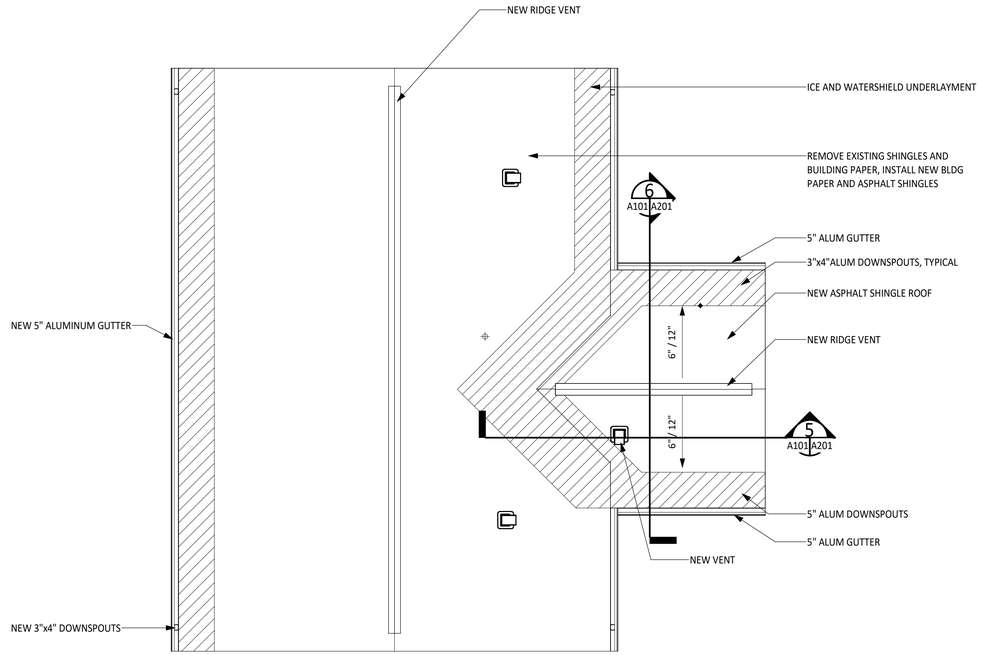
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THOMPSON & LITTON

Sheet No.
A101

Date/Time: 3/11/2026 3:48:00 PM File Name: C:\Users\kathryn_foster\Documents\18861 MHP Pool House & Restroom Bldgs v25_kfosterWN9BB.rvt





POOL HOUSE REFLECTED CEILING PLAN

1/4" = 1'-0"

PLAN NORTH

POOL HOUSE ROOF PLAN

1/4" = 1'-0"

PLAN NORTH

REFLECTED CEILING PLAN NOTES

OCCURS WHERE (C#) ARE INDICATED ON DRAWINGS.	
C1	EXISTING CEILING TO REMAIN, PAINT
C2	NEW 1/2" MOLD-RESISTANT GWB CEILING, PAINT
C3	REMOVE EXISTING CEILING AS REQUIRED FOR NEW WORK. INSTALL NEW 1/2" MOLD-RESISTANT GWB AND PAINT

REFLECTED CEILING LEGEND:

- GYPSUM CEILING
- SURFACED MOUNTED LIGHT
- AIR DEVICES-SUPPLY
- AIR DEVICES-RETURN
- AIR DEVICES-EXHAUST
- OCCUPANCY SENSOR
- EXIT SIGN
- OCCUPANCY SENSORS

0 4' 8' 16'

SCALE: 1/8" = 1'-0"

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MONTGOMERY HALL PARK POOL HOUSE & RESTROOMS

POOL HOUSE REFLECTED CEILING AND ROOF PLANS

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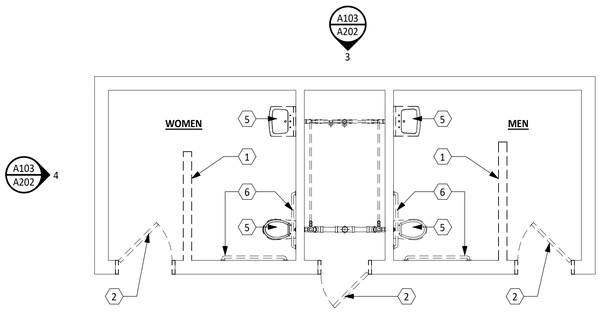
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Project No. 18861

THOMPSON & LITTON

Sheet No. A102

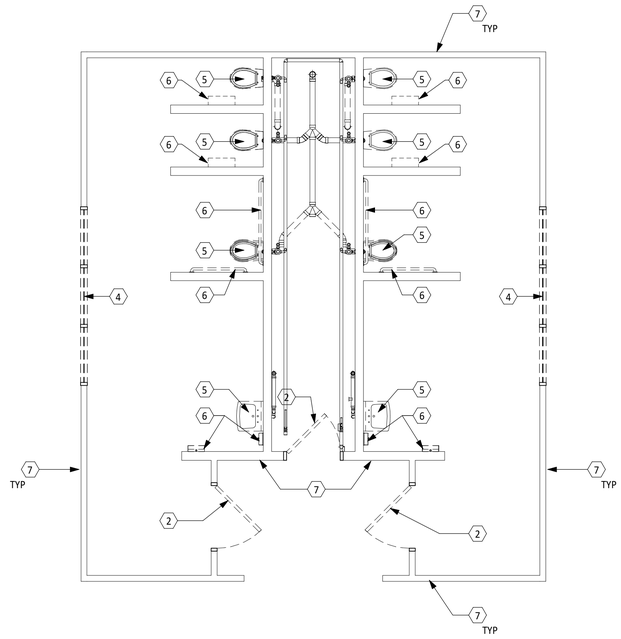
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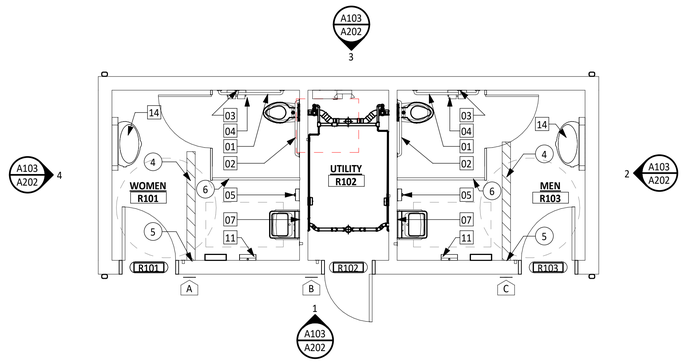


RESTROOM 1 DEMOLITION PLAN

1/4" = 1'-0"

PLAN NORTH

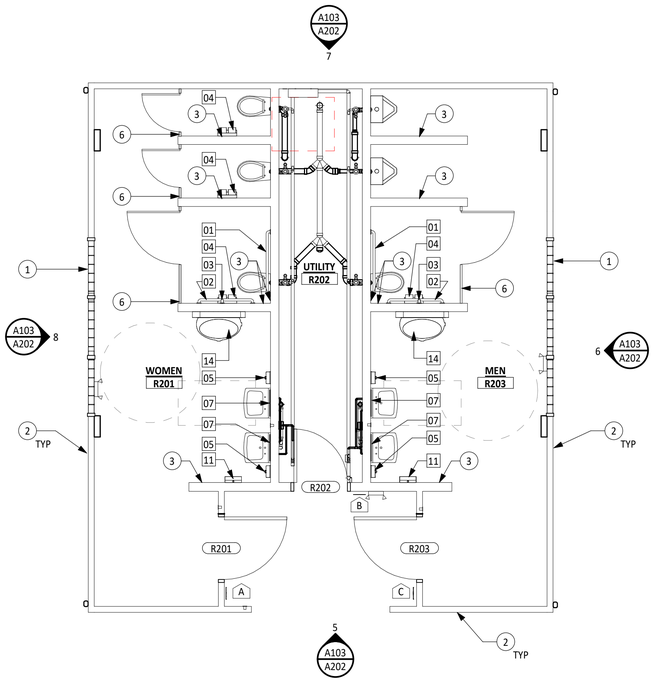




RESTROOM 1 NEW WORK PLAN

1/4" = 1'-0"

PLAN NORTH



RESTROOM 2 DEMOLITION PLAN

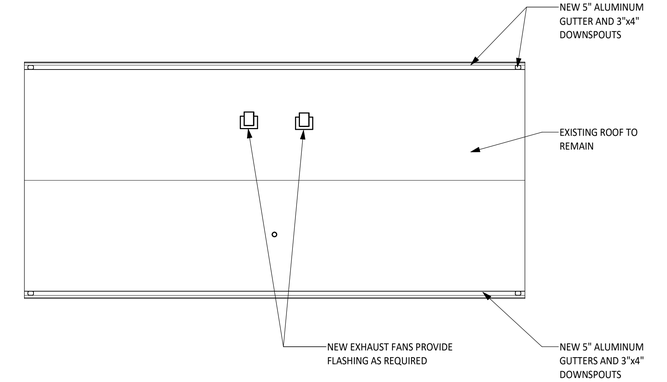
1/4" = 1'-0"

PLAN NORTH

RESTROOM 2 NEW WORK PLAN

1/4" = 1'-0"

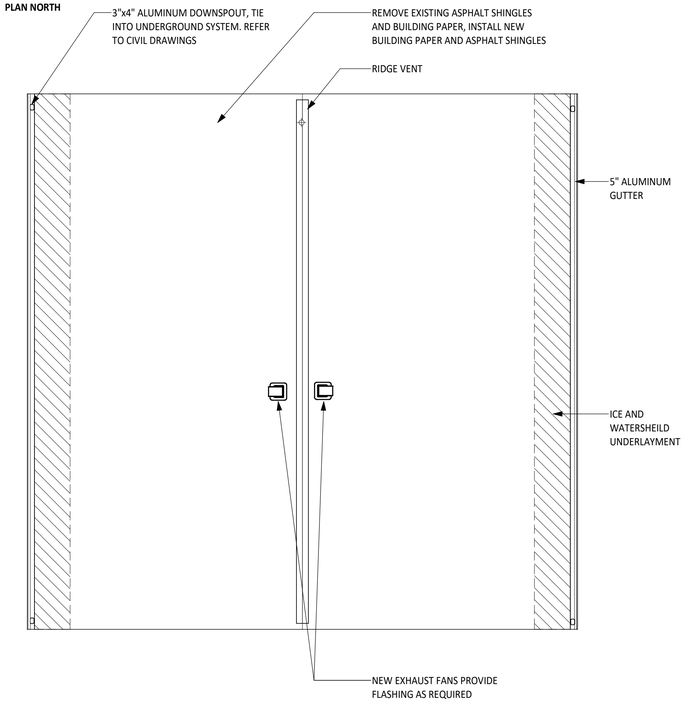
PLAN NORTH



RESTROOM 1 ROOF PLAN

1/4" = 1'-0"

PLAN NORTH



RESTROOM 2 ROOF PLAN

1/4" = 1'-0"

PLAN NORTH

DEMOLITION NOTES

OCCURS WHERE (?) ARE INDICATED ON DRAWINGS.

2	REMOVE EXISTING DOOR(S) AND FRAME
3	REMOVE EXISTING CMU WALL FOR NEW OPENING. SHORE/BRACE EXISTING CMU AS REQUIRED FOR NEW LINTEL
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6	REMOVE EXISTING TOILET ACCESSORIES
7	REMOVE EXISTING SIDING
8	REMOVE EXISTING TOILET PARTITION
9	REMOVE PORTION OF EXISTING CHAINLINK FENCE
10	REMOVE EXISTING CONCRETE SLAB AS REQUIRED FOR NEW PLUMBING WORK
11	REMOVE EXISTING PLYWOOD, HINGES AND EXISTING WINDOW

CONSTRUCTION NOTES A103

OCCURS WHERE (#) ARE INDICATED ON DRAWINGS.

1	NEW TRANSLUCENT GLASS BLOCK INFILL
2	NEW CEMENT BOARD SIDING
3	PATCH WALL WHERE EXISTING TOILET ACCESSORIES HAVE BEEN REMOVED
4	PATCH CONCRETE FLOOR WHERE WALL HAS BEEN REMOVED WITH CONCRETE LEVELING COMPOUND
5	PATCH CMU WALL WHERE PARTITION IS REMOVED WITH NEW CMU
6	NEW HDPE TOILET PARTITIONS

TOILET ACCESSORY LEGEND

OCCURS WHERE [00] ARE INDICATED ON DRAWINGS.

DESCRIPTION	NUMBER
42" HORIZONTAL GRAB BAR	01
36" HORIZONTAL GRAB BAR	02
18" VERTICAL GRAB BAR	03
TOILET TISSUE DISPENSER	04
SOAP DISPENSER	05
18" x 36" FRAMED MIRROR UNIT	07
SANITARY NAPKIN DISPOSAL UNIT	09
PAPER TOWEL DISPENSER	11
BABY CHANGING STATION	14

SIGNAGE SCHEDULE

ROOM NUMBER	SIGN TYPE	ROOM NAME	QUANTITY
R101	A	WOMEN	1
R102	B	UTILITY	1
R103	C	MEN	1
R201	A	WOMEN	1
R202	B	UTILITY	1
R203	C	MEN	1

0 2' 4' 8'

SCALE: 1/4" = 1'-0"

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ERICA F. SUNSHINE
Lic No. 9129
02/20/2026
ARCHITECT

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
MONTGOMERY HALL PARK POOL HOUSE & RESTROOMS
RESTROOM 1 AND 2 DEMOLITION, NEW WORK AND ROOF PLANS

No.	Date	Purpose of Document Issue

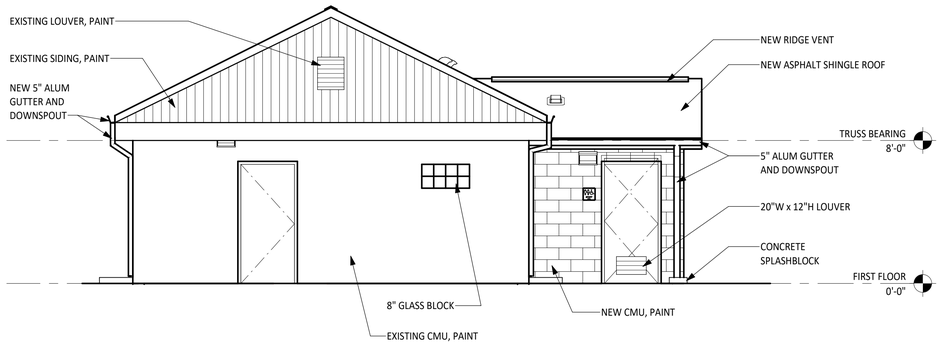
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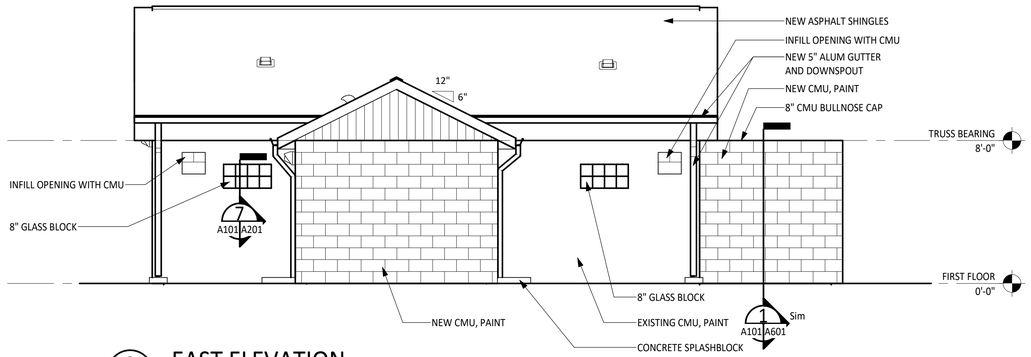
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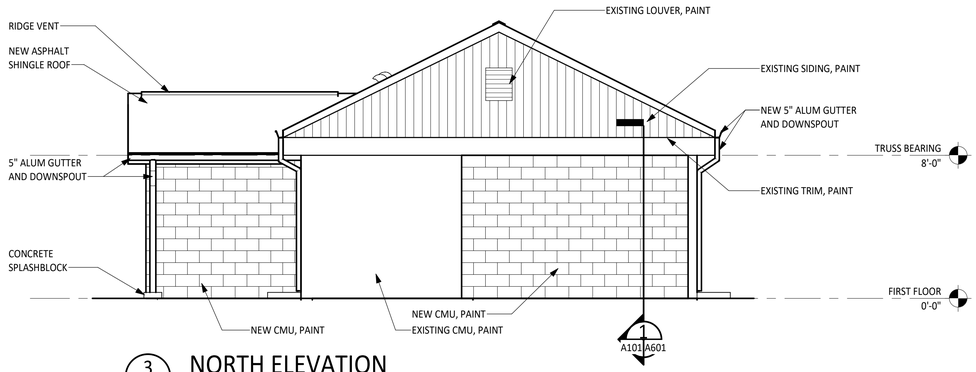
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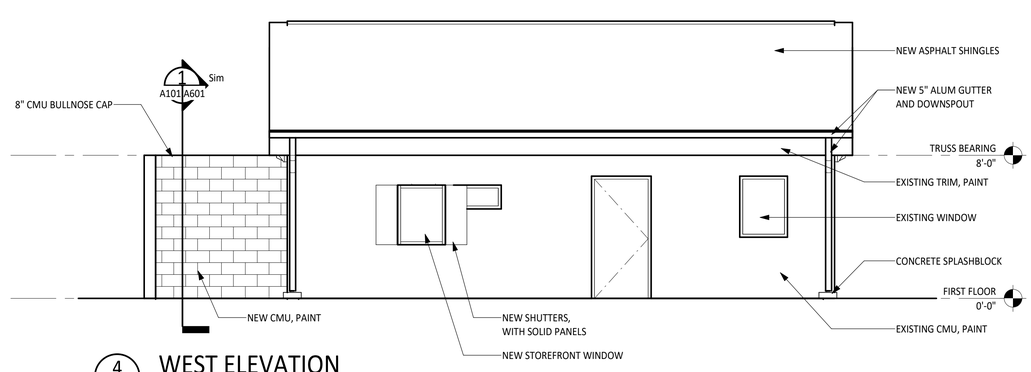
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SCALE: 1/4" = 1'-0"



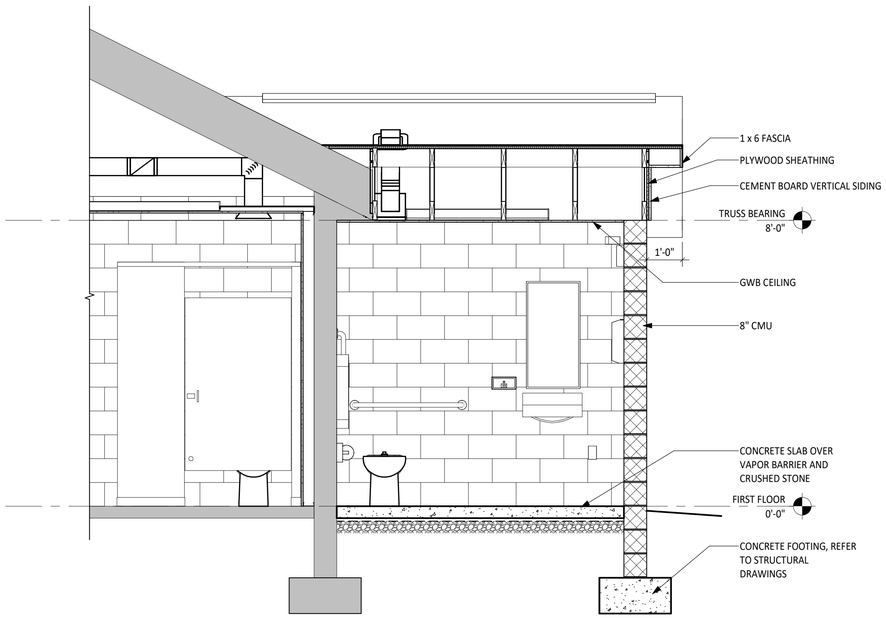
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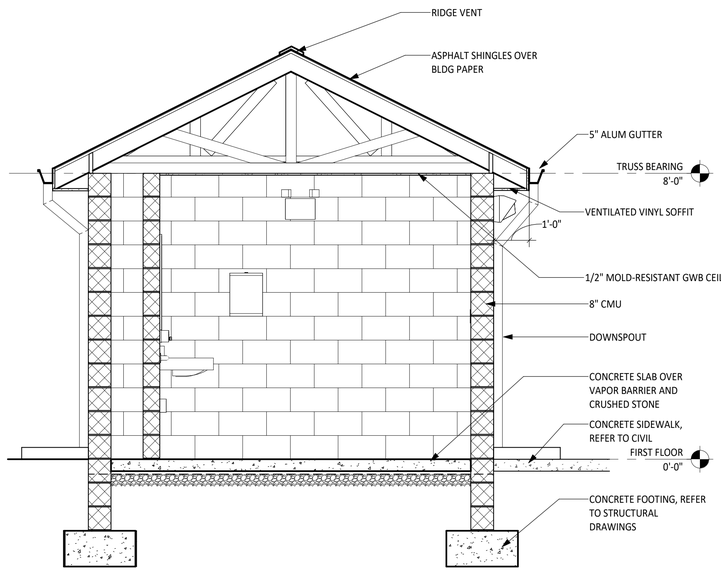
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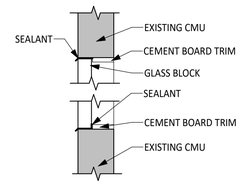
4 A101 A201 **WEST ELEVATION**
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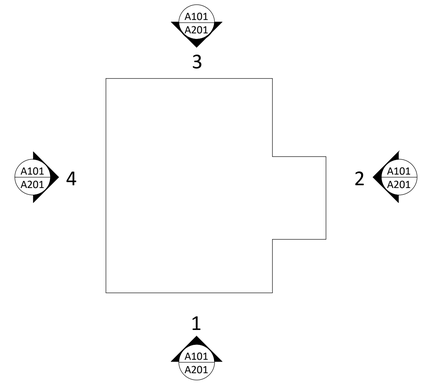
5 A101 A201 **BUILDING SECTION**
SCALE: 1/2" = 1'-0"



6 A101 A201 **BUILDING SECTION**
SCALE: 1/2" = 1'-0"



7 A101 A201 **GLASS BLOCK SECTION**
SCALE: 3/4" = 1'-0"



KEY PLAN

0 1' 2' 4'
SCALE: 1/2" = 1'-0"

0 4' 8' 16'
SCALE: 1/8" = 1'-0"

Seal
COMMONWEALTH OF VIRGINIA
ERICA F. SUNSHINE
Lic No. 9129
02/20/2026
ARCHITECT

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
MONTGOMERY HALL PARK POOL HOUSE & RESTROOMS
POOL HOUSE EXTERIOR ELEVATIONS AND BUILDING SECTIONS

No.	Date	Purpose of Document Issue

Designed	EFS
Drawn	KCF
Checked	EFS
Date	02/20/2026

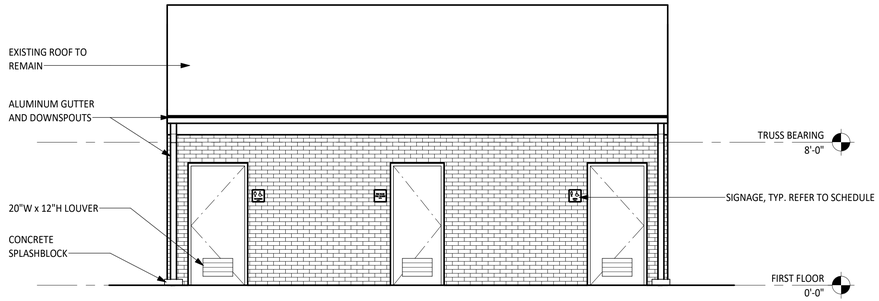
Project No.
18861

THOMPSON & LITTON

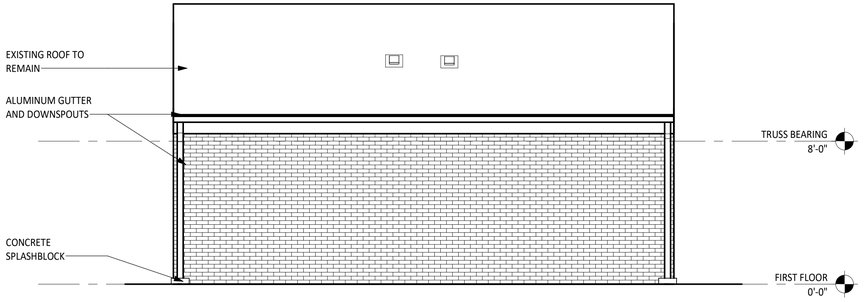
Sheet No.
A201

MONTGOMERY HALL PARK POOL HOUSE & RESTROOMS

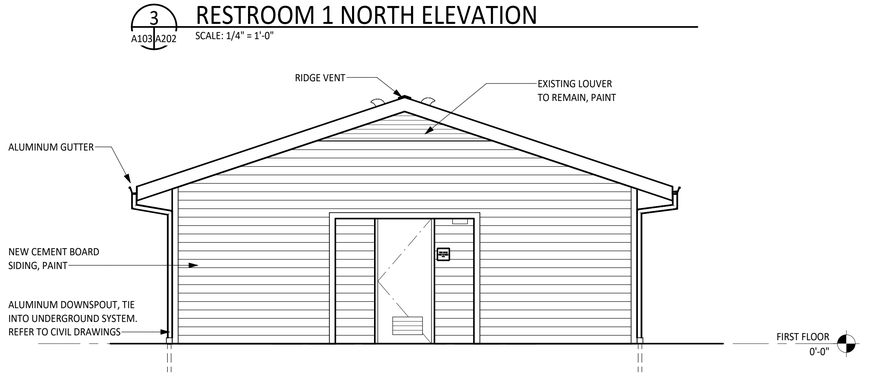
Date/Time: 3/11/2026 3:48:04 PM File Name: C:\Users\kathryn_foster\Documents\18861 MHP Pool House & Restroom Bldgs v25_kfosterWN9BB.rvt



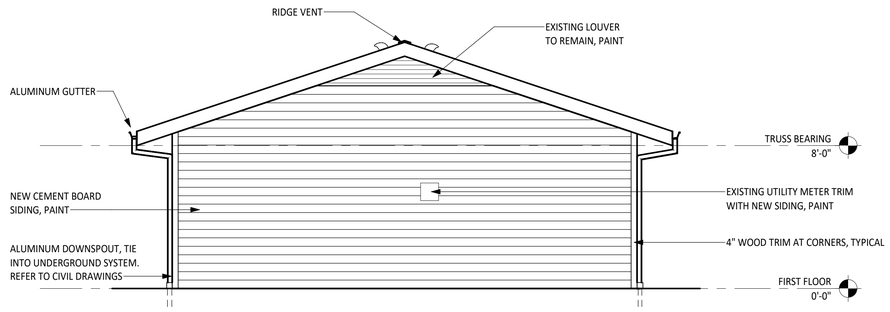
1 A103 A202 **RESTROOM 1 SOUTH ELEVATION**
SCALE: 1/4" = 1'-0"



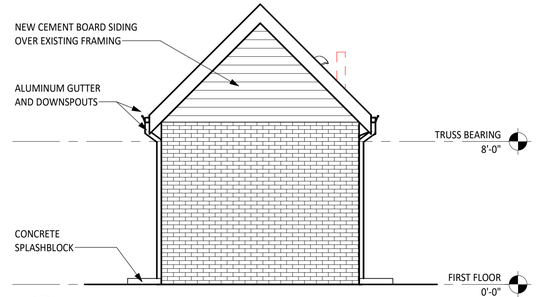
3 A103 A202 **RESTROOM 1 NORTH ELEVATION**
SCALE: 1/4" = 1'-0"



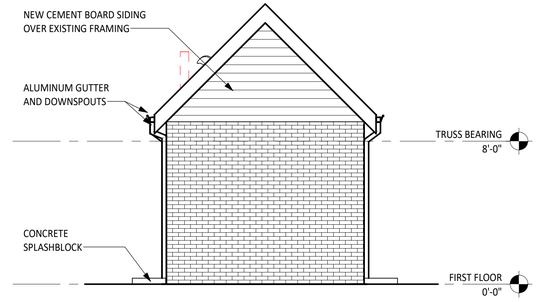
5 A103 A202 **RESTROOM 2 SOUTH ELEVATION**
SCALE: 1/4" = 1'-0"



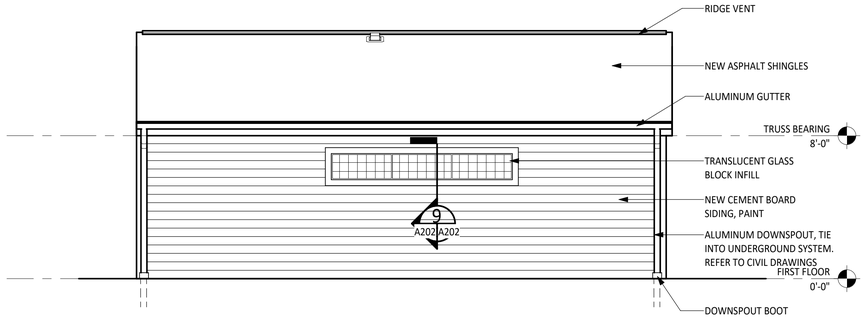
7 A103 A202 **RESTROOM 2 NORTH ELEVATION**
SCALE: 1/4" = 1'-0"



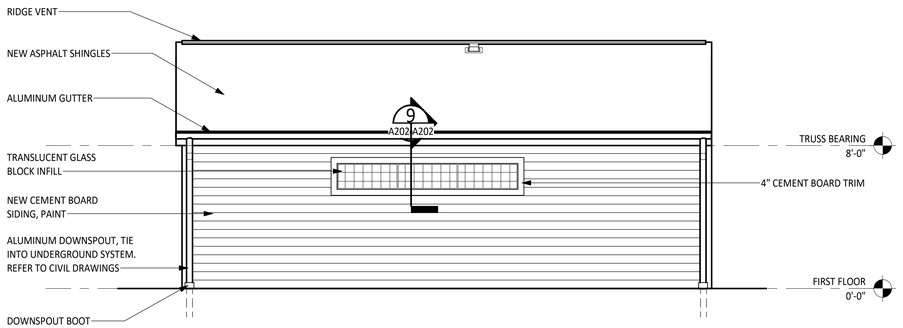
2 A103 A202 **RESTROOM 1 EAST ELEVATION**
SCALE: 1/4" = 1'-0"



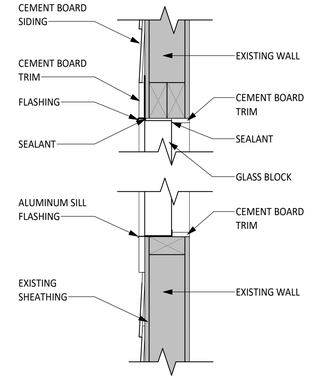
4 A103 A202 **RESTROOM 1 WEST ELEVATION**
SCALE: 1/4" = 1'-0"



6 A103 A202 **RESTROOM 2 EAST ELEVATION**
SCALE: 1/4" = 1'-0"



8 A103 A202 **RESTROOM 2 WEST ELEVATION**
SCALE: 1/4" = 1'-0"



9 A202 A202 **HEAD & SILL DETAIL**
SCALE: 1 1/2" = 1'-0"

0 2' 4' 8'
SCALE: 1/4" = 1'-0"

Seal
COMMONWEALTH OF VIRGINIA
ERICA F. SUNSHINE
Lic No. 9129
02/20/2026
ARCHITECT

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
MONTGOMERY HALL PARK POOL HOUSE & RESTROOMS

RESTROOM 1 AND 2 EXTERIOR ELEVATIONS

No.	Date	Purpose of Document Issue

Designed	EFS
Drawn	KCF
Checked	EFS
Date	02/20/2026

Project No.
18861

THOMPSON & LITTON

Sheet No.
A202

Date/Time: 3/11/2026 3:48:05 PM File Name: C:\Users\kathryn_foster\Documents\18861 MHP Pool House & Restroom Bldgs v25_kfosterWN9BB.rvt

FINISH SCHEDULE

ROOM NO	ROOM NAME	FLOOR	BASE	WALLS				CEILING		REMARKS
				NORTH	EAST	SOUTH	WEST	MATERIAL	HEIGHT	
P101	ENTRY	FAF	FAF	PNT-1	PNT-1	PNT-1	PNT-1	EXIST	EXIST	A101
P102	MEN	FAF	FAF	PNT-1	PNT-1	PNT-1	PNT-1	EXIST	EXIST	A101
P103	PASSAGE	FAF	FAF	PNT-1	PNT-1	PNT-1	PNT-1	EXIST	EXIST	A101
P104	WOMEN	FAF	FAF	PNT-1	PNT-1	PNT-1	PNT-1	EXIST	EXIST	A101
P105	SHOWER	S CONC	N/A	PNT-1	PNT-1	PNT-1	PNT-1	N/A	N/A	A101
P106	FAMILY RESTROOM	FAF	FAF	PNT-1	PNT-1	PNT-1	PNT-1	GWB	8'-0"	A101
P107	OFFICE	FAF	FAF	PNT-1	PNT-1	PNT-1	PNT-1	EXIST	EXIST	A101
R101	WOMEN	FAF	FAF	PNT-1	PNT-1	PNT-1	PNT-1	OPEN	EXP	A103
R102	UTILITY	EXIST	N/A	N/A	N/A	N/A	N/A	OPEN	EXP	A103
R103	MEN	FAF	FAF	PNT-1	PNT-1	PNT-1	PNT-1	OPEN	EXP	A103
R201	WOMEN	FAF	FAF	PNT-1	PNT-1	PNT-1	PNT-1	OPEN	EXP	A103
R202	UTILITY	EXIST	N/A	N/A	N/A	N/A	N/A	OPEN	EXP	A103
R203	MEN	FAF	FAF	PNT-1	PNT-1	PNT-1	PNT-1	OPEN	EXP	A103

DOOR SCHEDULE

MARK	OPENING SIZE			DOOR					FRAME			DETAILS		REMARKS
	NO OF LEAFS	WIDTH	HEIGHT	MATERIAL	THICKNESS	TYPE	LOUVER	HDW SET NO	TYPE	MATERIAL	PROFILE	HEAD	JAMB	
E2		0'-0"	0'-0"											
P101	1	3'-0"	6'-8"	HM	1 3/4"	F	-	1	1	HM	1	H1	J1	
P101	1	3'-0"	6'-8"	HM	1 3/4"	F	-	2	1	HM	1	H1	J1	
P101A	1	3'-0"	6'-8"	HM	1 3/4"	F	-	2	1	HM	1	H1	J1	
P102	1	3'-0"	6'-8"	HM	1 3/4"	F	20" W x 12" H	2	1	HM	1	H1	J1	
P103	1	3'-0"	6'-8"	HM	1 3/4"	F	20" W x 12" H	2	1	HM	1	H2	J2	
P104	1	3'-0"	6'-8"	HM	1 3/4"	F	20" W x 12" H	2	1	HM	1	H1	J1	
P106	1	3'-0"	6'-8"	HM	1 3/4"	F	20" W x 12" H	2	1	HM	1	H2	J2	
P107	1	2'-8"	6'-8"	EXIST	1 3/4"	F	-	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	PAINT EXISITNG DOOR AND FRAME
R101	1	3'-0"	6'-8"	HM	1 3/4"	F	20" W x 12" H	1	1	HM	1	H1	J1	
R102	1	2'-8"	6'-8"	HM	1 3/4"	F	20" W x 12" H	2	1	HM	1	H2	J2	
R103	1	3'-0"	6'-8"	HM	1 3/4"	F	20" W x 12" H	1	1	HM	1	H2	J2	
R201	1	3'-6"	7'-0"	HM	1 3/4"	F	20" W x 12" H	1	1	HM	1	H2	J2	
R202	1	3'-0"	7'-0"	HM	1 3/4"	F	20" W x 12" H	2	1	HM	1	H2	J2	
R203	1	3'-6"	7'-0"	HM	1 3/4"	F	20" W x 12" H	1	1	HM	1	H2	J2	

GENERAL FINISH NOTES:

1. TRANSITION BETWEEN DIFFERENT FLOOR FINISH MATERIALS OR COLORS SHALL BE PROVIDED UNDER CENTERLINE OF DOORS UNLESS OTHERWISE NOTED.
2. PAINT ALL HOLLOW METAL DOORS AND FRAMES.
3. PROVIDE MOISTURE- AND MOLD-RESISTANT GYPSUM CEILINGS IN LIEU OF STANDARD GYPSUM CEILINGS AT ALL LAVATORY, TOILET, AND SHOWER AREAS.
4. REFER TO REFLECTED CEILING PLAN ON A801 FOR CEILING HEIGHTS SCHEDULED AS "VARIES".

FINISH SCHEDULE LEGEND	
EXP	EXPOSED CONSTRUCTION
FAF	FLUID APPLIED FLOORING
PNT	PAINTED FINISH (REFER TO PARTITION TYPES FOR SUBSTRATE)
S CONC	SEALED CONCRETE

FINISH SCHEDULE REMARKS:

REFER TO FINISH SCHEDULE FOR REMARK LOCATIONS.

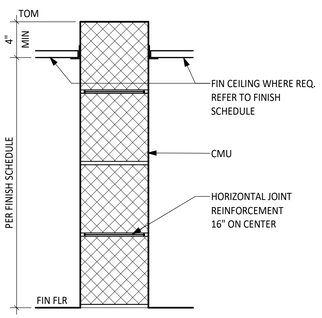
1. PAINT ALL EXPOSED STRUCTURE.

GENERAL PARTITION NOTES:

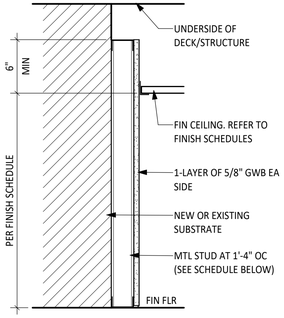
1. REFER TO STRUCT DWGS TO CONFIRM LOCATIONS THAT REQUIRE A FOUNDATION OR THICKENED SLAB.
2. PROVIDE GROUT AND VERTICAL REINFORCEMENT AT CMU PARTITION TYPES AS REQUIRED BY STRUCT DWGS.
3. EXTEND GWB AND FURRING (WHERE APPLICABLE) TO UNDERSIDE OF DECK IN SPACES NOT SCHEDULED TO RECEIVE FINISH CEILING. REFER TO FINISH SCHEDULE THIS SHEET FOR LOCATIONS.
4. ALL STUDS AND FURRING USED FOR NON-STRUCTURAL INTERIOR PARTITIONS ARE TO BE 25 GA (UON). REFER TO STRUCTURAL DWGS FOR STRUCTURAL STUD REQUIREMENTS.
5. ALL METAL STUDS AT DOOR JAMBS AND BEHIND WALL-MOUNTED SINKS ARE TO BE 20 GA.
6. PROVIDE 5/8-INCH MOISTURE- AND MOLD-RESISTANT GWB IN LIEU OF STANDARD GWB AT JANITOR'S CLOSETS, LAVATORY SPACES, TLT/SHOWER SPACES, LOCKER ROOMS AND OTHER WET WALLS.

TOILET ACCESSORIES GENERAL NOTES:

1. TOILET ACCESSORY ITEMS ARE INDICATED ON DRAWINGS BY 00
2. GRAB BARS AND ACCESSORIES SHALL BE MOUNTED IN ACCORDANCE WITH ANSI, 2003.
3. REFER TO SPEC SECTION 102800 - "TOILET, BATH, AND LAUNDRY ACCESSORIES" FOR ACCESSORY TECHNICAL REQUIREMENTS AND DESCRIPTION.
4. PROVIDE UNDER LAVATORY PROTECTIVE PIPE COVER AT EACH WALL HUNG LAVATORY.
5. ACTUAL DIMENSIONS MAY VARY WITH APPROVED MANUFACTURER. COORDINATE ALL REVISIONS AS REQUIRED.



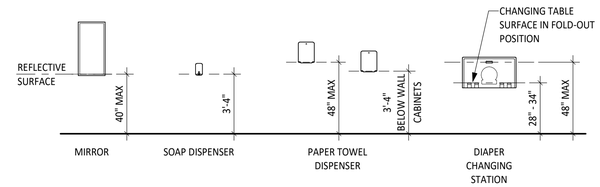
TYPE	CMU	PART THICK	TOP OF MASONRY
C1	8"	7 5/8"	PER DETAIL ABOVE
C2	6"	5 5/8"	PER DETAIL ABOVE

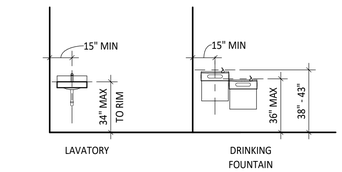


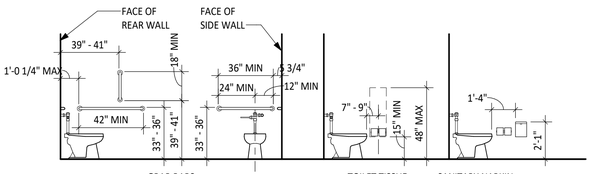
TYPE	STUD SIZE	PART. THICK.	SOUND ATTN BLANKET
F2	3 5/8"	4 1/4"	NONE

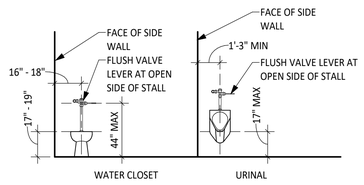
C NON-RATED PARTITION

F NON-RATED PARTITION







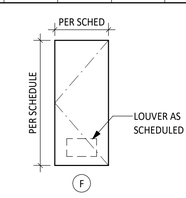


TOILET ACCESSORIES MOUNTING SCHEDULE

1/4" = 1'-0"

PLUMBING FIXTURES MOUNTING SCHEDULE

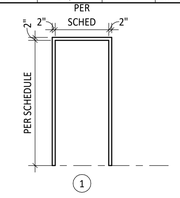
1/4" = 1'-0"



NOTE: REFER TO DOOR SCHEDULE FOR DOOR MATERIAL REQUIREMENTS.

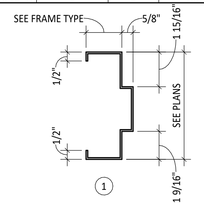
DOOR TYPES

1/4" = 1'-0"



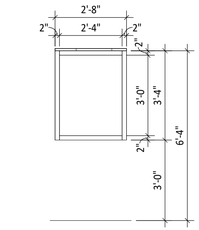
FRAME TYPES

1/4" = 1'-0"



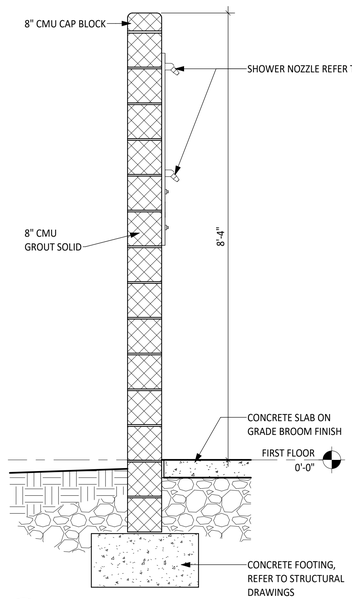
FRAME PROFILES

3" = 1'-0"



SF-1

3/8" = 1'-0"



1 A101/A601 SECTION

SCALE: 3/4" = 1'-0"

DOOR SCHEDULE LEGEND	
HM	HOLLOW METAL

GENERAL DOOR NOTES:

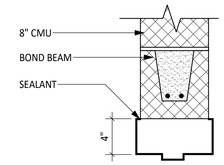
1. PROVIDE CONTINUOUS BEAD OF SEALANT AT PERIMETER OF EACH SIDE OF OPENING FRAME. COORDINATE SEALANT TYPE WITH SEALANT SCHEDULED IN SPECIFICATIONS.
2. PROVIDE DOORS WITH A 3/4" UNDERCUT (UON).

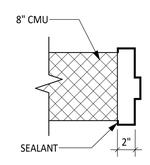
DOOR HARDWARE SETS:

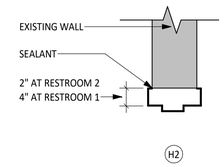
SET 1: DOORS R102, P104, R202
- 1 CONTINUOUS HINGE
- 1 STOREROOM LOCKSET (HC)
- 1 CLOSER

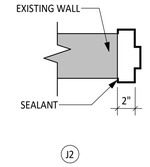
SET 2: DOORS R101, R103, P101, P103, R201, R203
- 1 CONTINUOUS HINGE
- 1 PASSAGE LOCKSET (HC)
- 1 DEADBOLT WITH KEYED OUTSIDE AND KEYED INSIDE
- 1 CLOSER

ALL DOORS TO RECEIVE:
- 8" STAINLESS STEEL KICKPLATE ON INTERIOR
- SILENCERS
- DOOR STOPS









HEAD AND JAMB TYPES

1 1/2" = 1'-0"

0 2" 4" 8" SCALE: 3" = 1'-0"

0 8" 1'-4" 2'-8" SCALE: 3/4" = 1'-0"

0 2' 4' 8' SCALE: 1/4" = 1'-0"

Seal: COMMONWEALTH OF VIRGINIA — ERICA F. SUNSHINE — Lic No. 9129 — 02/20/2026 — ARCHITECT

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
MONTGOMERY HALL PARK POOL HOUSE & RESTROOMS
DOOR AND FINISH SCHEDULES, NOTES, LEGENDS, AND DETAILS

No.	Date	Purpose of Document Issue

Designed	EFS
Drawn	KCF
Checked	EFS
Date	02/20/2026

Project No. 18861

THOMPSON & LITTON

Sheet No. A601

GENERAL

1. THE CONTRACTOR SHALL INVESTIGATE ACTUAL LOCATIONS OF UNDERGROUND LINES AND UTILITIES BEFORE EXCAVATING AND ADVISE ENGINEER OF ANY VARIATIONS. ALL EXCAVATIONS NEAR THESE LINES TO BE CARRIED OUT WITH EXTREME CAUTION.

2. THE CONTRACTOR SHALL CONTACT "MISS UTILITY OF VIRGINIA" 72 HOURS BEFORE ANY EXCAVATION WORK IS BEGUN. "MISS UTILITY OF VIRGINIA" MAY BE REACHED AT 1-800-552-7001.

3. THE CONTRACTOR SHALL REFER TO DRAWINGS OF OTHER TRADES AND VENDOR DRAWINGS FOR EMBEDDED ITEMS AND RECESSES NOT SHOWN ON THE STRUCTURAL DRAWINGS.

4. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS OF EXISTING CONSTRUCTION WHICH AFFECT NEW CONSTRUCTION AND REPORT VARIATIONS TO THE ENGINEER PRIOR TO SUBMISSION OF SHOP DRAWINGS.

5. THE CONTRACTOR SHALL VERIFY ALL SIZES AND LOCATIONS OF ALL MECHANICAL AND ELECTRICAL OPENINGS AND EQUIPMENT PADS WITH THE MECHANICAL AND ELECTRICAL EQUIPMENT DETAILS AND SHOP DRAWINGS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ALL OPENINGS AND SLEEVES FOR THE PROPER DISTRIBUTION OF ALL UTILITY LINES THROUGHOUT THE BUILDING.

6. SEE ARCHITECTURAL DRAWINGS FOR THE LOCATION OF WINDOW AND DOOR OPENINGS AND FOR OTHER INFORMATION NOT SHOWN.

7. THE CONTRACTOR SHALL PROVIDE ADEQUATE BRACING FOR THE STRUCTURE SO THAT IT WILL BE STABLE DURING ALL STAGES OF CONSTRUCTION. THE STRUCTURE AND FOUNDATIONS ARE DESIGNED FOR A COMPLETED CONDITION ONLY AND, THEREFORE, REQUIRE ADDITIONAL SUPPORT TO MAINTAIN STABILITY BEFORE COMPLETION.

8. UNLESS OTHERWISE NOTED, ALL ELEVATIONS ARE REFERENCED TO FINISHED FIRST FLOOR. FINISHED FLOOR DATUM ELEVATION 0'-0" = 1524.85' (MSL).

RENOVATION AND EXISTING STRUCTURES

1. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, ETC., NECESSARY FOR THE PROPER CONSTRUCTION AND ALIGNMENT OF THE NEW PORTIONS OF THE STRUCTURE TO THE EXISTING STRUCTURE. THE CONTRACTOR SHALL VERIFY ALL MEASUREMENTS NECESSARY FOR PROPER FABRICATION AND ERECTION OF ALL STRUCTURAL MEMBERS.

2. BEFORE PROCEEDING WITH ANY WORK WITHIN OR ADJACENT TO THE EXISTING STRUCTURE, THE CONTRACTOR SHALL BECOME FAMILIAR WITH EXISTING CONDITIONS. DURING THE PROCESS OF CONSTRUCTION, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE INTEGRITY OF THE EXISTING STRUCTURE WHERE THE EXISTING STRUCTURE IS MODIFIED TO ACCOMMODATE NEW CONSTRUCTION AND TO PROTECT FROM DAMAGE THOSE PORTIONS OF THE EXISTING STRUCTURE, WHICH ARE TO REMAIN.

3. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER OF ANY EXISTING CONDITIONS THAT DIFFER FROM THOSE INDICATED ON THE DRAWINGS.

4. ANY DAMAGE TO THE EXISTING STRUCTURE FROM NEW CONSTRUCTION SHALL BE REPAIRED BY THE CONTRACTOR AT NO COST TO THE OWNER.

CONCRETE

1. ALL FOOTINGS AND FOUNDATIONS ARE DESIGNED FOR AN ASSUMED ALLOWABLE SOIL BEARING PRESSURE OF 1500 PSF. FOOTINGS ARE TO BEAR ON UNDISTURBED SOIL OR COMPACTED, ENGINEERED FILL. ALL FOOTING EXCAVATIONS SHALL BE APPROVED BY A QUALIFIED SOILS TECHNICIAN OR ENGINEER. REPORT ANY DISCREPANCIES WITH THE ASSUMED ALLOWABLE BEARING PRESSURE TO THE ENGINEER PRIOR TO PLACING CONCRETE.

2. UNLESS OTHERWISE NOTED ON THE DRAWINGS OR IN THE SPECIFICATIONS, ALL CONCRETE SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI FOR FOUNDATIONS, 4000 PSI FOR INTERIOR SLABS-ON-GRADE, 5000 PSI FOR EXTERIOR SLABS-ON-GRADE, RIGID PAVEMENT AND 4000 PSI FOR ALL OTHER CONCRETE IN 28 DAYS.

3. UNLESS OTHERWISE NOTED, ALL REINFORCING STEEL SHALL BE GRADE 60, DEFORMED BARS, CONFORMING TO ASTM A615.

4. DEFORMED REINFORCING STEEL SHALL NOT BE WELDED UNLESS APPROVED BY THE ENGINEER.

5. UNLESS OTHERWISE NOTED, ALL DETAILING, FABRICATION AND PLACING OF REINFORCING STEEL SHALL CONFORM TO THE ACI MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES (ACI SP 66-LATEST EDITION).

6. UNLESS OTHERWISE NOTED ON THE DRAWINGS OR IN THE SPECIFICATIONS, ALL CONCRETE COVER FOR REINFORCING STEEL SHALL BE AS FOLLOWS:

   a. 3" FOR CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH.

   b. 1 1/2" FOR #5 BARS AND SMALLER FOR CONCRETE EXPOSED TO EARTH OR WEATHER.

7. ALL BAR SPLICES SHALL BE CLASS "B" TENSION SPLICES UNLESS OTHERWISE NOTED.

8. PROVIDE 2- #4 DIAGONAL BARS IN THE TOP FACE OF SLAB-ON-GRADE AT ALL RE-ENTRANT CORNERS. EXTEND REINFORCING BARS PAST RE-ENTRANT CORNERS A MINIMUM OF TENSION DEVELOPMENT LENGTH (Ld).

9. CHAMFER ALL EXPOSED EXTERNAL CORNERS OF CONCRETE WITH 3/4" X 45 DEGREE CHAMFER UNLESS NOTED OTHERWISE.

10. UNLESS OTHERWISE NOTED, REINFORCE ALL CONCRETE SLABS-ON-GRADE WITH #3 REBAR AT 18" ON CENTER, EACH WAY.

MASONRY

NOTE: THESE NOTES APPLY TO WALLS SHOWN ON THE STRUCTURAL DRAWINGS ONLY.

1. UNLESS NOTED OTHERWISE, THE TOP COURSE OF ALL CONCRETE MASONRY WALLS SHALL BE A BOND BEAM REINFORCED WITH 2-#4 REINFORCING BARS.

2. BOND BEAMS SHALL BE CONTINUOUS THROUGH ALL CORNERS AND SHALL TIE ALL WALL TERMINATIONS TO THE PERPENDICULAR WALL AT WALL INTERSECTIONS.

3. UNLESS NOTED OTHERWISE, ALL CONCRETE MASONRY WALLS SHALL HAVE VERTICAL REINFORCEMENT CONSISTING OF 1-#4 REINFORCING BAR, IN A FULLY GROUTED CELL AT A MAXIMUM OF 48 INCHES C/C. PROVIDE 3-#4 BARS IN THE THREE CELLS AT ALL WALL CORNERS AND 5-#4 BARS IN THE FIVE CELLS AT ALL INTERSECTING WALLS. PROVIDE 1-#4 BAR AT EACH SIDE OF OPENINGS 4'-0" OR LESS AND 2-#4 BARS AT EACH SIDE OF OPENINGS GREATER THAN 4'-0" AND LESS THAN 8'-0". REINFORCEMENT SHALL EXTEND FROM SUPPORT TO SUPPORT.

4. UNLESS NOTED OTHERWISE, ALL CONCRETE MASONRY WALLS SHALL HAVE HORIZONTAL REINFORCEMENT CONSISTING OF 1-#4 REINFORCING BAR, IN A FULLY GROUTED BOND BEAM, AT THE TOP AND BOTTOM OF ALL WALL OPENINGS. REINFORCEMENT SHALL EXTEND A MINIMUM OF 24" PAST THE EDGE OF THE OPENING.

5. ALL CONCRETE MASONRY WALLS SHALL HAVE JOINT REINFORCEMENT, AS DEFINED IN THE SPECIFICATIONS, PLACED HORIZONTALLY ON 16" CENTERS. REINFORCEMENT SHALL EXTEND INTO INTERSECTING WALLS.

6. GROUT FILL ALL CELLS OF CONCRETE MASONRY WALLS BELOW GRADE. GROUT FILL ALL CAVITIES BELOW GRADE IN MULTI-WYTHE WALLS.

WOOD TRUSSES

1. THE TRUSSES SHALL BE DESIGNED AND FABRICATED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE FOLLOWING SPECIFICATIONS: THE NATIONAL DESIGN SPECIFICATIONS FOR STRESS GRADE LUMBER AND ITS FASTENINGS BY NFPA; TIMBER CONSTRUCTION MANUAL, AITC AND THE DESIGN SPECIFICATIONS FOR LIGHT METAL PLATE CONNECTED WOOD TRUSSES BY THE PLATE TRUSS INSTITUTE.

2. THE TRUSSES SHALL BE DESIGNED FOR AN ULTIMATE ROOF SNOW LOAD OF 40.4 PSF, SELF WEIGHT PLUS DEAD LOAD OF 15 PSF, AND LIVE LOAD OF 20 PSF. THE MAXIMUM LIVE LOAD DEFLECTION SHALL BE L/240.

3. THE TRUSSES ARE SHOWN ON THE FRAMING PLAN FOR CLARITY ONLY. ACTUAL TRUSS LAYOUT INCLUDING BRACING, STRAPPING AND CONNECTION DETAILS TO SUPPORTING MEMBERS SHALL BE AS SPECIFIED BY THE MANUFACTURER AND THE DESIGN SHALL BE PERFORMED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE COMMONWEALTH OF VIRGINIA.

4. SEE THE ARCHITECTURAL DRAWINGS FOR SUPPLEMENTARY INFORMATION.

5. NAILING SHALL BE IN ACCORDANCE WITH TABLE 2304.10.1, 2018 VIRGINIA UNIFORM STATE BUILDING CODE.

6. UNLESS OTHERWISE NOTED, PLYWOOD SHALL BE INSTALLED CONTINUOUS OVER TWO OR MORE SPANS WITH FACE GRAIN PERPENDICULAR TO SUPPORTS AND NAILED TO ALL SUPPORTS AT 8 INCHES ON CENTER WITH 6d NAILS FOR PANELS 1/2 INCH AND LESS AND 8d FOR GREATER THICKNESSES. ALL END PANEL JOINTS SHALL OCCUR OVER FRAMING.

7. ALL WOOD MEMBERS IN CONTACT WITH CONCRETE OR MANSONRY SHALL BE PRESSURE TREATED IN ACCORDANCE WITH THE AMERICAN WOOD PRESERVERS ASSOCIATION STANDARD P5 AND ASTM D1760.

DESIGN CRITERIA

1. **GOVERNING CODES**
   2021 VIRGINIA CONSTRUCTION CODE (VCC), PART I OF VIRGINIA
   UNIFORM STATEWIDE BUILDING CODE (USBC) EFFECTIVE JANUARY 18, 2024

   2021 VIRGINIA EXISTING BUILDING CODE (VEBC), PART II OF VIRGINIA
   UNIFORM STATEWIDE BUILDING CODE (USBC) EFFECTIVE JANUARY 18, 2024

2. **ROOF LOADS**
   DEAD LOAD
   SHINGLES ..... 2 PSF
   ROOF UNDERLAYMENT ..... 1 PSF
   SHEATHING ..... 3 PSF
   INSULATION ..... 1 PSF
   TRUSSES ..... 3 PSF (OR SELF WEIGHT)
   SUSPENDED UTILITIES (MEP) ..... 5 PSF
   GWB CEILING ..... 3 PSF

   LIVE LOAD ..... 20 PSF

3. **FLOOR LOADS**
   LIVE LOAD
   RESTROOMS ..... 100 PSF

4. **SNOW LOADS**
   ULTIMATE GROUND SNOW LOADS (Pg) ..... 48 PSF
   ASD MINIMUM SNOW LOAD (Pm) ..... 30 PSF
   ULTIMATE FLAT ROOF SNOW LOAD (Pf) ..... 40.4 PSF
   RISK CATEGORY II
   SNOW IMPORTANCE FACTOR (Is) 1.0
   SNOW EXPOSURE FACTOR (Ce) 1.0
   THERMAL FACTOR (Ct) 1.2

5. **WIND LOADS**
   ULTIMATE DESIGN WIND SPEED ..... 115 MPH
   ALLOWABLE DESIGN WIND SPEED ..... 89 MPH
   EXPOSURE CATEGORY C
   RISK CATEGORY II
   INTERNAL PRESSURE COEFFICIENT (GCpi) ..... ±0.18

   FAMILY RESTROOM COMPONENT & CLADDING WIND LOADS (LOADS ARE ASD WINDS LOAD)

   BUILDING ROOF

ZONE	EFFECTIVE AREA (SF)	PRESSURE (PSF)
1	10	+11.4/-24.7
1	20	+10.0/-22.7
1	50	+9.6/-19.8
1	100	+9.6/-16.9
2	10	+11.4/-39.3
2	20	+10.0/-34.5
2	50	+9.6/-26.1
2	100	+9.6/-20.3
3	10	+11.4/-46.7
3	20	+10.0/-39.3
3	50	+9.6/-30.5
3	100	+9.6/-23.2

   BUILDING WALL

ZONE	EFFECTIVE AREA (SF)	PRESSURE (PSF)
4	10	+17.3/-18.8
4	20	+16.6/-18.1
4	50	+15.9/-16.6
4	100	+15.1/-16.1
5	10	+17.3/-23.2
5	20	+16.6/-21.7
5	50	+15.9/-19.5
5	100	+15.1/-18.1

   CORNER AND EDGE ZONES ARE 3'-0" WIDE.

   (POSITIVE INDICATES PRESSURE ACTING TOWARD SURFACE AND
   NEGATIVE INDICATES PRESSURE ACTING AWAY FROM THE SURFACE)

6. **SEISMIC LOADS**
   MAPPED SPECTRAL RESPONSE ACCELERATION (SHORT PERIOD), S_S 0.170
   MAPPED SPECTRAL RESPONSE ACCELERATION (1-SEC), S_1 ..... 0.058
   DESIGN SPECTRAL RESPONSE ACCELERATION (SHORT PERIOD), S_{DS} 0.140
   DESIGN SPECTRAL RESPONSE ACCELERATION (1-SEC), S_{D1} 0.082
   SOIL SITE CLASSIFICATION C
   RISK CATEGORY II
   SEISMIC IMPORTANCE FACTOR 1.0
   SEISMIC DESIGN CATEGORY ..... B
   BUILDING SYSTEM ..... BEARING WALL SYSTEM
   SEISMIC FORCE RESISTING SYSTEM ..... ORDINARY REINFORCED MASONRY SHEAR WALLS
   RESPONSE MODIFICATION FACTOR, R 2.0
   SYSTEM OVER-STRENGTH FACTOR, Ω_0 ..... 2.5
   DEFLECTION AMPLIFICATION FACTOR, C_d 1.75
   SEISMIC RESPONSE COEFFICIENT, C_S 0.070
   BASE DESIGN SHEAR ..... 1.145 KIPS
   PROCEDURE USED ..... EQUIVALENT LATERAL FORCE

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COMMONWEALTH OF VIRGINIA
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2-20-2026
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CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
MONTGOMERY HALL PARK POOL HOUSE AND RESTROOMS

GENERAL NOTES AND DESIGN CRITERIA

No.	Date	Purpose of Document Issue

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Drawn	MLT
Checked	KAA
Date	02/20/2026

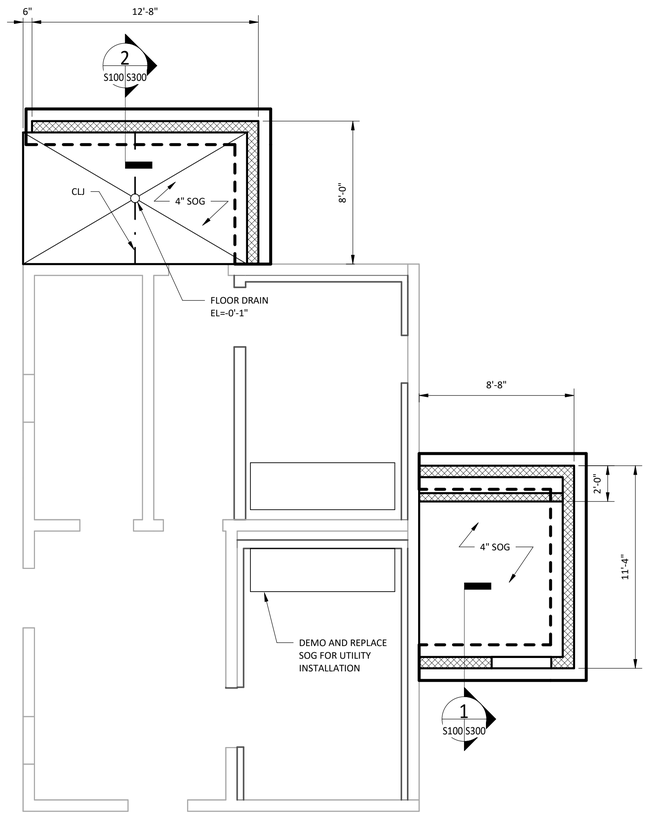
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18861

THOMPSON & LITTON

Sheet No.
S001

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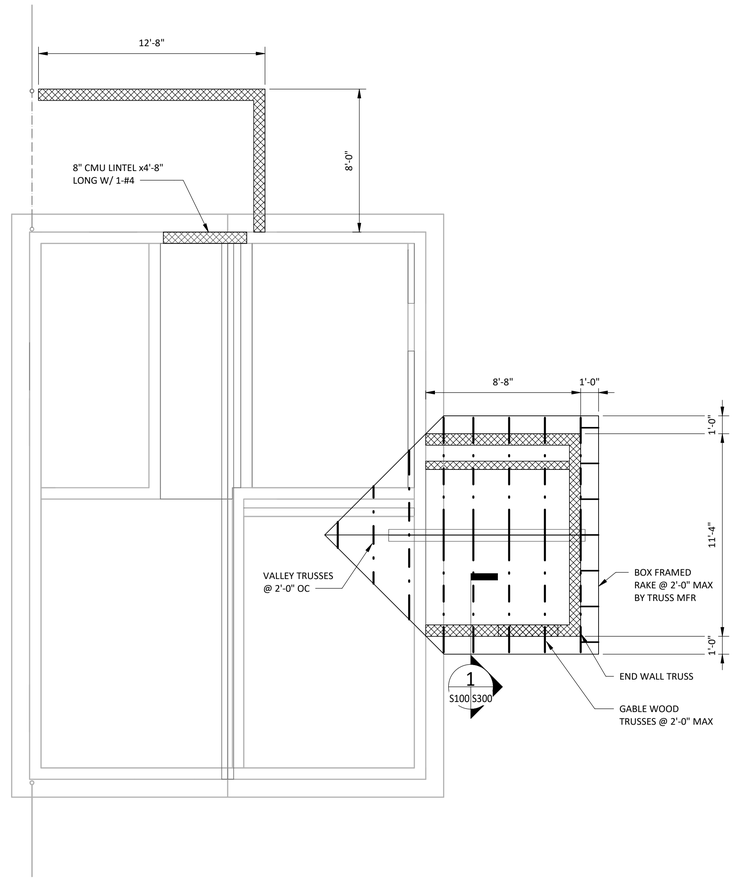
SHEET NOTES:
1. SEE SHEET S001 FOR GENERAL NOTES.
2. SEE SHEET S200 FOR TYPICAL DETAILS.
3. SEE SHEET S300 FOR SECTIONS AND DETAILS.
4. SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF DOORS, WINDOWS, AND WALLS.



FOUNDATION/SLAB PLAN
1/4" = 1'-0"

PLAN NORTH

T/SLAB=1524.85'
T/FTG=1522.85'



ROOF FRAMING PLAN
1/4" = 1'-0"

PLAN NORTH

TRUSS BEARING=8'-1 1/2"

0 2' 4' 8'

SCALE: 1/4" = 1'-0"

Seal

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MONTGOMERY HALL PARK POOL HOUSE AND RESTROOMS

FOUNDATION/SLAB AND ROOF FRAMING PLANS

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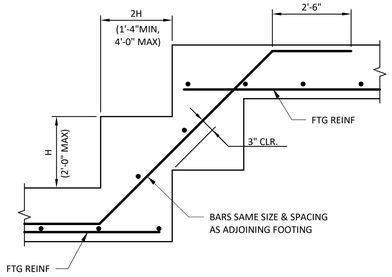
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Date	02/20/2026

Project No.
18861

THOMPSON & LITTON

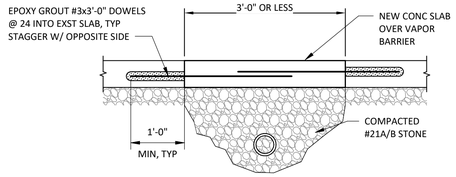
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TYPICAL DETAIL-STEPPED FOOTING

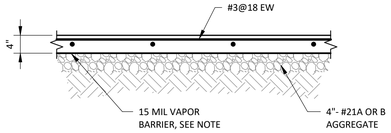
NOT TO SCALE



NOTES:
1. SALVAGE 8" OF EXST VAPOR BARRIER ON EACH SIDE OF TRENCH TO LAP WITH NEW VAPOR BARRIER.
2. FOR OPENINGS GREATER THAN 3'-0", PROVIDE ADDITIONAL #3@18 EACH WAY REINFORCING IN NEW SLAB.

TYPICAL DETAIL-SLAB REPLACEMENT @ UTILITY TRENCH

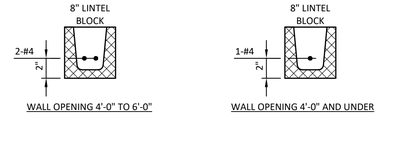
NOT TO SCALE



NOTE:
PROVIDE VAPOR BARRIER UNDER SHOWER SLAB AND UNDER NEW BATHROOM ADDITION SLAB.

TYPICAL DETAIL-4" SLAB-ON-GRADE

NOT TO SCALE



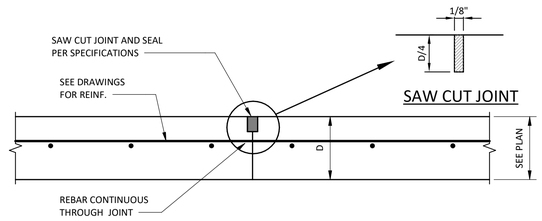
TYPICAL DETAIL-MASONRY LINTELS

NOT TO SCALE

GRADE 60 REINFORCING BAR LAP SPLICE (INCHES)

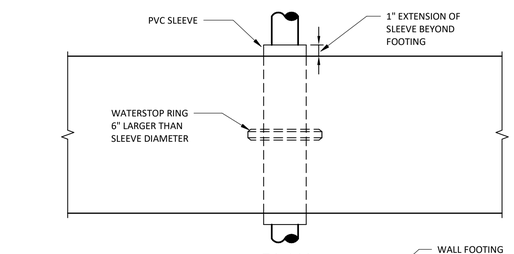
F'c (PSI)	BAR TYPE	#3	#4	#5	#6	#7	#8
3000	TOP BARS	28	37	47	56	81	93
3000	OTHER BARS	22	29	36	43	63	72
4000	TOP BARS	24	32	40	48	70	80
4000	OTHER BARS	19	25	31	37	54	62
5000	TOP BARS	22	29	36	43	63	72
5000	OTHER BARS	17	22	28	33	49	55

TOP BAR IS HORIZONTAL REINFORCEMENT SO PLACED THAT MORE THAN 12 INCHES OF FRESH CONCRETE IS CAST IN THE MEMBER BELOW THE BAR.



TYPICAL DETAIL-CONTROL JOINT FOR SLAB-ON-GRADE

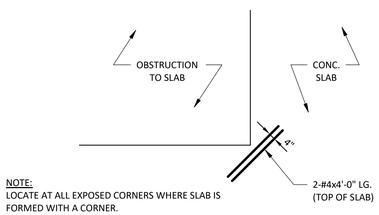
NOT TO SCALE



NOTE:
THICKEN FOOTING WHEN PIPE PASSES THROUGH FOOTING OR IS WITHIN 12" OF THE BOTTOM OF THE FOOTING. WHEN PIPE IS 12" TO 24" BELOW BOTTOM OF FOOTING, SLEEVE PIPE AND BACKFILL TRENCH WITH AGGREGATE.

TYPICAL DETAIL-PIPE SLEEVE THROUGH FOOTING

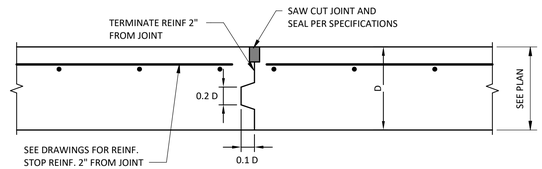
NOT TO SCALE



NOTE:
LOCATE AT ALL EXPOSED CORNERS WHERE SLAB IS FORMED WITH A CORNER.

TYPICAL DETAIL-RE-ENTRANT BAR

NOT TO SCALE



TYPICAL DETAIL-CONSTRUCTION JOINT FOR SLAB-ON-GRADE

NOT TO SCALE

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MONTGOMERY HALL PARK POOL HOUSE AND RESTROOMS

TYPICAL DETAILS

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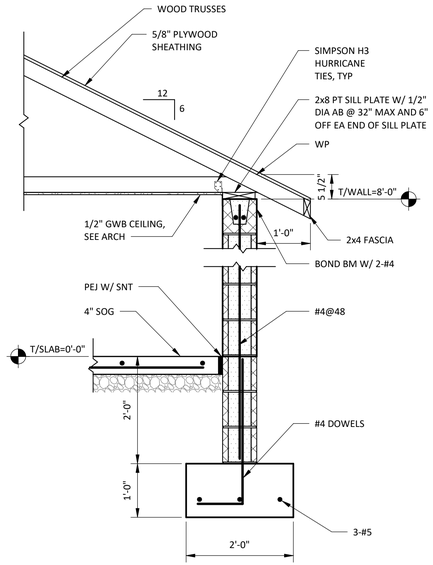
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18861

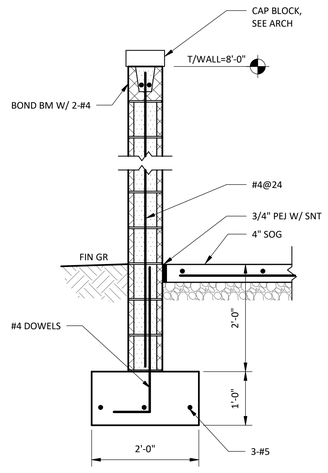
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S200

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SECTION 1
SCALE: 3/4" = 1'-0"
S100 S300



SECTION 2
SCALE: 3/4" = 1'-0"
S100 S300

0 8" 1'-4" 2'-8"
SCALE: 3/4" = 1'-0"

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CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
MONTGOMERY HALL PARK POOL HOUSE AND RESTROOMS

SECTIONS

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Checked	KAA
Date	02/20/2026

Project No.
18861

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Sheet No.
S300

MONTGOMERY HALL PARK POOL HOUSE AND RESTROOMS

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TYPICAL PLUMBING NOTES:

1. COORDINATE WITH ARCHITECTURAL PLANS FOR ALL FIRE RATED BUILDING ASSEMBLIES, PROVIDE AND INSTALL U.L. RATED FIRE-STOP ASSEMBLIES IN ANY SUCH AREAS AS REQUIRED BY CODE.
2. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING A BID.
3. WORKMANSHIP: PLUMBING FIXTURES AND ACCESSORIES SHALL BE INSTALLED IN A NEAT WORKMANLIKE MANNER. UNSIGHTLY INSTALLATIONS SHALL BE REMOVED OR REWORKED AT NO EXPENSE TO THE OWNER.
4. SEAL ALL WALL, ROOF AND FLOOR PENETRATIONS BY PLUMBING SERVICE AIRTIGHT.
5. PROVIDE CHROME-PLATED ESCUTCHEONS AT ALL EXPOSED PIPE PENETRATIONS THROUGH WALLS.
6. COORDINATE ALL PENETRATIONS OF FLOOR SLABS, ROOF AND WALLS WITH STRUCTURAL DRAWINGS.
7. CONTRACTOR SHALL REMOVE EXISTING PLUMBING FIXTURES, ALL ASSOCIATED ACCESSORIES AND MATERIALS AS SHOWN AND TURN OVER TO OWNER OR REMOVE FROM THE SITE LEGALLY IF SO DIRECTED BY THE OWNER.
8. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY EXISTING CONDITIONS BEFORE DEMOLITION WORK BEGINS. REPORT ANY DISCREPANCIES BETWEEN THE PLANS AND ACTUAL FIELD CONDITIONS TO THE ARCHITECT / ENGINEER PRIOR TO THE COMMENCEMENT OF DEMOLITION WORK.
9. DEMOLITION WORK SHALL BE PHASED TO ACCOMPLISH REPLACEMENT WITH MINIMUM AMOUNT OF DOWNTIME. SCHEDULE NEW AND DEMOLITION WORK IN ADVANCE WITH THE OWNER.
10. PROVIDE WATER STOP VALVES AT EACH EQUIPMENT ITEM
11. COORDINATE WITH APPROVED ARCHITECTURAL DRAWINGS BEFORE ROUGHING-IN PLUMBING
12. ALL FLOOR DRAINS AND OPEN HUB DRAINS SHALL BE INSTALLED WITH DEEP SEAL P-TRAPS. PROVIDE TRAP PRIMERS WHERE SHOWN ON PLAN AND AT ALL LOCATIONS REQUIRED BY CODE AND LOCAL AUTHORITY.
13. SLOPES OF SANITARY WASTE AND VENT SHALL BE ESTABLISHED AND VERIFIED BY CONTRACTOR PRIOR TO PIPING BEING INSTALLED IN ORDER THAT PROPER SLOPES WILL BE MAINTAINED AND NECESSARY INVERT ELEVATIONS OBTAINED.
14. CONTRACTOR SHALL PROVIDE ALL VALVES, PRESSURE REDUCING VALVES, SHOCK ABSORBERS AND ACCESSORIES TO COMPLETELY INSTALL ALL EQUIPMENT TO MAKE A COMPLETE INSTALLATION.
15. THE CONTRACTOR SHALL INSTALL ALL OWNER FURNISHED EQUIPMENT WITH ALL ITEMS TO MAKE EQUIPMENT OPERABLE.
16. ALL VENTING OF FIXTURES SHALL COMPLY WITH LOCAL CODES AND ORDINANCES.
17. USE DIELECTRIC UNIONS WHERE PIPE OF DIFFERENT METALS ARE JOINED.
18. MAKE PROPER HOT & COLD WATER, WASTE, VENT ETC. PIPING CONNECTIONS TO ALL FIXTURES AND EQUIPMENT EVEN THOUGH ALL BRANCH RUNS, ELBOWS AND CONNECTIONS ARE NOT SHOWN.
19. PVC OR OTHER PLASTIC COMPOSITE PIPING SHALL NOT BE INSTALLED IN RETURN AIR PLENUMS.
20. CLEANOUTS FOR SOIL AND WASTE LINES SHALL BE INSTALLED WHERE INDICATED ON THE DRAWINGS AND EVERY 90-DEGREE CHANGE IN DIRECTION.
21. ALL PIPING SHOWN ON THESE PLANS ARE TO BE ROUTED ABOVE CEILINGS, BELOW FLOORS AND IN CHASES UNLESS OTHERWISE NOTED.
22. SEE SITE PLAN FOR EXTENT OF ALL PIPING LEAVING OR ENTERING THE BUILDING.
23. CONTRACTOR SHALL ACQUIRE ALL PERMITS FOR SUPPLY AND INSTALLATION OF BACKFLOW PREVENTER AND/OR WATER METER ON SITE AS REQUIRED. CITY WILL WAIVE ALL PERMIT FEES.
24. SERVICE VALVES SHALL BE FURNISHED AND INSTALLED ON ALL HOT AND COLD WATER LINES AT EQUIPMENT IN AN ACCESSIBLE POSITION.
25. ALL FLOOR OPENINGS ARE TO BE SEALED WATERTIGHT BY MEANS OF SLEEVES.
26. ALL HORIZONTAL AND VERTICAL PIPING LINES EXTENDED AND CONNECTED TO EQUIPMENT SHALL BE RUN AT THE HIGHEST POSSIBLE ELEVATION AND NOT LESS THAN 4" ABOVE FLOOR TO PROVIDE CLEARANCE FOR CLEANING. AT WALL OR COLUMN LOCATIONS, PIPING ROUGH IN SHALL BE STUBBED IN WALLS WHEREVER POSSIBLE.
27. EXISTING CONDITIONS SHOWN HEREIN WHERE TAKEN FROM SITE OBSERVATIONS, ORIGINAL DESIGN DRAWINGS AND AS-BUILT DOCUMENTATION WHERE AVAILABLE; ANY DISCREPANCIES BETWEEN THE PLANS AND ACTUAL FIELD CONDITIONS SHALL BE REPORTED TO THE ARCHITECT / ENGINEER.
28. IN AREAS WHERE A WATER LINE IS TO BE LOCATED IN AN EXTERIOR WALL, THE PIPE IS TO BE PLACED ON THE INSIDE (LIVING SIDE) OF THE INSULATION.
29. DOMESTIC WATER INSULATION SHALL BE FIBERGLASS PIPE INSULATION MINIMUM DENSITY 3.5 PCF; 1/2" THICKNESS FOR COLD WATER AND 1" THICKNESS FOR HOT WATER.
30. WASTE AND VENT PIPE TO BE SCHEDULE 40 PVC; DOMESTIC WATER PIPE TO BE TYPE L OR K HARD DRAWN COPPER.
31. EQUIPMENT AND MATERIALS SUBMITTED AS ALTERNATES TO THE SPECIFIED DATA MUST BE CLEARLY MARKED AS TO THE DIFFERENCES IN SUBMITTED VERSUS SPECIFIED. FAILURE TO CLEARLY MARK THE SUBMITTALS AS SUCH IS GROUNDS FOR REJECTION. SUBMITTALS NOT CLEARLY MARKED AS BEING ALTERNATE TO THE SPECIFIED DATA CAN BE ASSUMED TO MEET ALL SPECIFIED REQUIREMENTS AND PROVIDER IS RESPONSIBLE TO PROVIDE AS SUCH.
32. CONTRACTOR IS TO REFER TO THE ARCHITECTURAL PLANS FOR THE LOCATION AND ELEVATIONS OF ALL ADA FIXTURES.
33. THE "REDUCTION IN LEAD IN DRINKING WATER ACT" REQUIRES MATERIALS AND FIXTURES USED FOR DELIVERY OF POTABLE WATER TO CONTAIN LESS THAN 0.2% LEAD FOR SOLDER AND FLUX, AND NOT MORE THAN A WEIGHT AVERAGE OF 0.25% LEAD FOR PIPES FITTING AND FIXTURES. EXCLUDED FROM THIS ACT ARE TOI;ETS, BIDETS, URINALS, FLUSH VALVES, TUB FILLERS, SHOWER VALVES. IT IS THE INTENT OF THIS PROJECT TO CONFORM WITH THE REQUIREMENTS OF THE 2014 LEAD FREE ACT. EVERY EFFORT HAS BEEN MADE TO CALL FOR FIXTURES THAT COMPLY WITH THE ACT. EVEN SO, IT SHALL BE THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR TO INSTALL PRODUCTS THAT COMPLY WITH THE 2014 LEAD FREE SAFE WATER DRINKING ACT.
34. CONTRACTOR SHALL COORDINATE INSTALLATION OF EQUIPMENT WITH ELECTRICAL EQUIPMENT'S REQUIRED WORKING SPACE AND DEDICATED EQUIPMENT SPACE AS DEFINED IN NEC ARTICLE 110.26 (A) & (E). NO PIPING, DUCTS, LEAK PROTECTION APPARATUS, OR OTHER EQUIPMENT FOREIGN TO THE ELECTRICAL INSTALLATION SHALL BE LOCATED IN THE DEDICATED ELECTRICAL SPACE. SEE ELECTRICAL PLANS FOR EQUIPMENT LOCATIONS.

PLUMBING SPECIFICATIONS

PART 1. GENERAL:

1.01. PLUMBING SYSTEMS: WORK INCLUDED UNDER THIS SECTION CONSISTS OF PLUMBING WORK, PRINCIPAL SYSTEMS OF WHICH ARE AS FOLLOWS:

A. WATER SUPPLY SYSTEM: MAKE CONNECTIONS TO EXISTING WATER SYSTEMS. EXTEND AND CONNECT HOT AND COLD WATER TO FIXTURES AND EQUIPMENT PROVIDED UNDER THIS AND OTHER SECTIONS.
B. WASTE PIPING SYSTEM: PROVIDE SANITARY WASTE DRAINAGE AND VENT PIPING INCLUDING CONNECTING FIXTURES PROVIDED UNDER THIS AND OTHER SECTIONS.
C. PLUMBING FIXTURES: PROVIDE PLUMBING FIXTURES, TRIM AND RELATED ITEMS SUCH AS SUPPLIES, TRAPS, DRAINS, CLEANOUTS, WATER CLOSETS SEATS AND COVERS, FIXTURE SUPPORTS AND OTHER ACCESSORY ITEMS.

PART 2. PRODUCTS:

2.01. BACKFLOW PREVENTERS:

A. BACKFLOW PREVENTERS WHERE REQUIRED BY LOCAL AUTHORITIES SHALL BE WATTS NO. 900 SERIES, OR APPROVED SUBSTITUTE, COMPLETE WITH GATE VALVES, STRAINERS, TEST COCKS INSTALLED WITH REQUIRED AIR GAP AT VENT OPENING TO DRAIN LINE.
B. ALL BACKFLOW PREVENTERS SHALL BE COMPLETE WITH FUNNEL AND REQUIRE AIR GAP, PIPE DISCHARGE TO NEAREST SUITABLE DRAIN.

2.02. ACCESS PANELS:

PROVIDE MINIMUM 12" X 12" ACCESS PANELS AT LOCATIONS NECESSARY FOR ACCESS TO VALVES, SHOCK ABSORBERS, TRAP PRIMERS, ETC. COORDINATE LOCATION OF ACCESS PANELS WITH GENERAL CONTRACTOR.

2.03. INTERIOR WATER PIPING:

A. PIPING ABOVE GROUND: PIPING 3" AND SMALLER SHALL BE ASTM B-88 HARD DRAWN TYPE L COPPER ASSEMBLED WITH WROUGHT COPPER SOLDER FITTINGS. PIPING LARGER THAN 3" SHALL BE ASTM 1-120-55 GALVANIZED STEEL WITH GALVANIZED MALLEABLE IRON FITTINGS.
B. PIPING BELOW GROUND: ALL PIPING SHALL BE TYPE K COPPER, ASTM B-88.
C. BRASS OR BRONZE ADAPTOR FITTING SHALL BE USED WHERE NECESSARY AND SHALL BE IRON PIPE SIZE AND THICKNESS WHERE REQUIRED FOR FIXTURE OR EQUIPMENT CONNECTIONS. CONNECTIONS OF COPPER PIPE TO FERROUS PIPE SHALL BE MADE WITH DIELECTRIC UNIONS OR COUPLINGS.

2.04. INTERIOR SANITARY SEWERS:

A. WASTE AND VENT PIPING ABOVE GRADE SHALL BE SCHEDULE 40 PVC WITH D.W.V. FITTINGS. PVC PIPE SHALL NOT BE USED IN RETURN AIR PLENUMS.
B. CONTRACTOR'S OPTION: NO HUB CAST IRON TYPE CIS.

2.05. CLEANOUTS

A. CLEANOUTS SHALL BE JOSAM, J.R. SMITH, ZURN, OR APPROVED SUBSTITUTE, AND SHALL BE INSTALLED FULL SIZE OF TRAP OR PIPE. FULL SIZE WYE AND TEE BRANCHES SHALL BE PROVIDED FOR CLEANOUTS AS REQUIRED BY CONDITIONS AT THE BUILDING. CLEANOUT PLUGS SHALL BE CAST IRON WITH NEOPRENE OR LEAD SEALS AND SHALL BE LUBRICATED.
B. CLEANOUTS: (ZURN NUMBERS LISTED):
(1) EXTERIOR: ZN-1420-27, CAST IRON CUTOFF FERRULE WITH ROUND SCORIATED FRAME AND COVER, SECURED.
(2) FINISHED CONCRETE FLOORS: ZN-1405-2, INSIDE CAULK ROUND NICKEL ALLOY SCORIATED FRAME AND COVER.
(3) CERAMIC TILE FLOORS: ZN-1405-3 EQUAL INSIDE CAULK WITH ROUND NICKEL ALLOY SCORIATED FRAME AND COVER.
(4) RESILIENT TILE FLOORS: ZN-1405-7, INSIDE CAULK WITH ROUND RECESSED NICKEL ALLOY SMOOTH ROUND FRAME AND COVER.
(5) WALL: ZN-1445 WITH ACCESS COVER.
(6) NOTE: USE CLAMPING DEVICE ON CLEANOUTS THAT OCCUR IN FLOORS HAVING WATERPROOF MEMBRANE.
C. ANY OUTSIDE CLEANOUT IMMEDIATELY UPSTREAM OF SEWER MAIN TO BE 2-WAY CLEANOUT.

2.06. PRESSURE REDUCING VALVES:

A. PRESSURE REDUCING VALVES SHALL BE INSTALLED WHEN WATER PRESSURE AT BUILDING EXCEEDS 80 POUNDS AND AS INDICATED ON THE DRAWINGS. THE REDUCING VALVES SHALL BE INSTALLED COMPLETE WITH INLET STRAINER, 3-VALVE BYPASS, AND PRESSURE GAUGES ON THE REDUCED AND INCOMING PRESSURE SIDE.
B. PRESSURE REDUCING VALVES FOR WATER SERVICE 2" AND SMALLER SHALL BE HONEYWELL BRAUKMANN D06 AND D07 OR WATT U5B SUITABLE FOR REDUCING PRESSURE FROM APPROXIMATELY 300 POUND TO 40 POUNDS. 3" AND 4" WATER SERVICE WATTS 127-W.

2.07. PLUMBING FIXTURES:

A. PROVIDE PLUMBING FIXTURES AND DRAINS AS LISTED AND DESCRIBED HEREIN. EQUAL FIXTURES BY ELJER, CRANE, OR KOHLER WILL BE CONSIDERED EQUAL.
B. ALL FIXTURES DESIGNED FOR HANDICAP USE SHALL BE MOUNTED AT HANDICAP HEIGHT AS INDICATED BY HANDICAP CODE USED IN LOCAL AREA.
C. CHINA OR ENAMEL FIXTURES TO BE WHITE COLOR.
D. COUNTERTOP SINKS TO BE PROVIDED COMPLETE WITH HUDEE AND OTHER NECESSARY MOUNTING RIMS.
E. DRAINS TO BE JOSAM, ZURN, J.R. SMITH OR WADE
F. STAINLESS STEEL SINKS SHALL BE ELKAY, JUST, OR APPROVED SUBSTITUTE.
G. ELECTRIC WATER COOLERS SHALL BE HALSEY TAYLOR, CORDLEY, ELKAY, OASIS, SUNROC OR APPROVED SUBSTITUTE.

2.08. INSULATION (DOMESTIC WATER):

INSULATE DOMESTIC HOT AND COLD WATER LINES WITH (A) FLEXIBLE TUBULAR ELASTOMERIC SLIP-ON FLEXIBLE TYPE ½" FOR C.W. AND ¾" FOR H.W. UNLESS NOTED OTHERWISE, (B) FOR PIPING ABOVE FINISHED CEILING INSULATE WITH 1 ½" THICK, 4 LB. DENSITY SNAP-ON TYPE FIBERGLASS WITH FACTORY APPLIED JACKET WITH REINFORCED VAPOR BARRIER.

PART 3. EXECUTION:

3.01. DOMESTIC WATER PIPING:

A. FROM COLD WATER MAIN EXTEND DISTRIBUTION MAINS, RISERS, AND BRANCHES TO ALL EQUIPMENT AND FIXTURES REQUIRING COLD WATER CONNECTIONS. FROM HOT WATER GENERATORS EXTEND SIMILAR LINES TO ALL EQUIPMENT AND FIXTURES REQUIRING HOT WATER CONNECTIONS. INSTALL A VALVE IN EACH MAJOR BRANCH TAKE-OFF IN THE HOT AND COLD WATER DISTRIBUTION MAINS AND ELSEWHERE AS NECESSARY FOR CONTROL OF THE SYSTEM OR AS SHOWN ON THE DRAWINGS.
B. WATER SUPPLY PIPING SHALL BE RUN SO THAT THE SYSTEM CAN BE DRAINED AT THE LOW POINT BY OPENING VALVES; PROVIDE DRAIN VALVES AT LOW POINTS, ¾" SIZE IF NOT OTHERWISE NOTED. RUN PIPING CONCEALED IN CHASES, PIPE SHAFTS, AND SPACE ABOVE CEILINGS THROUGHOUT FINISHED SPACES, EXCEPT AT FIXTURE CONNECTIONS AND ELSEWHERE AS SPECIFICALLY NOTED OTHERWISE.

3.02. WASTE, VENT, AND DRAINAGE:

A. USE REDUCING FITTINGS FOR CHANGES IN PIPE SIZE.
B. FITTINGS FOR WASTE, VENT, AND DRAINAGE PIPING TO BE DRAINAGE PATTERN TYPE.
C. SOIL, WASTE, AND VENT PIPING ABOVE GROUND SHALL BE CONCEALED IN WALLS, CHASES, PIPE SHAFTS AND CEILING SPACES, EXCEPT IN EQUIPMENT ROOMS AND SIMILAR UNFINISHED AREAS AND ELSEWHERE AS SPECIFICALLY INDICATED OTHERWISE. ALL SOIL AND WASTE PIPING INSIDE THE BUILDING SHALL BE RUN WITH A UNIFORM DROP OF NOT LESS THAT 1/8" PER FOOT, USING ¼" PER FOOT WHERE POSSIBLE.
D. VERTICAL VENT LINES SHALL BE CARRIED THROUGH THE ROOF OR CONNECTED TO ADJACENT VENT LINES AS INDICATED. VENTS SHALL TERMINATE APPROXIMATELY 12" ABOVE FINISHED ROOF LINES AND SHALL BE FLASHED WITH BASE AND SLEEVE TYPE INTO TOP OF VENT PIPE. COLLECT VENTS WHERE POSSIBLE TO MINIMIZE THE NUMBER OF VENTS EXTENDING THROUGH ROOF.

3.03. CLEANOUTS

A. LOCATE LINE SIZE CLEANOUTS, AT BASE OF EACH SOIL AND WASTE STACK; AT EACH CHANGE IN DIRECTION IN SOIL, WASTE, AND DRAIN LINES; AND IN ALL HORIZONTAL DRAIN LINES, WITH SPACING NOT TO EXCEED 50' INSIDE THE BUILDING AND 75' OUTSIDE THE BUILDING.
B. CLEANOUTS NOT ACCESSIBLE, WHICH CANNOT BE MADE EASILY ACCESSIBLE OTHERWISE, SHALL BE EXTENDED UP THROUGH FLOOR OR WALL.

3.04. ELECTRICAL GROUND:

A. THIS CONTRACTOR SHALL MAKE PROVISIONS FOR MAINTAINING THE ELECTRICAL GROUND PROPERTIES OF WATER LINES BY STRAPPING OVER VALVES OR EQUIPMENT WHOSE REMOVAL FOR SERVICE WORK IN FUTURE WOULD BREAK GROUNDING SERVICE. STRAPPING OVER SHALL BE DONE WITH A LENGTH OF BRAIDED COPPER CABLE WHICH SHALL BE ATTACHED TO PIPE AT EITHER END.

3.05. FIXTURE CONNECTIONS:

A. CONNECT TO PLUMBING FIXTURES AND EQUIPMENT PROVIDED UNDER THIS AND OTHER SECTIONS OF SPECIFICATIONS.
B. SEE SCHEDULE ON PLANS FOR CONNECTIONS SIZES TO FIXTURES.
C. CONNECT WALL-HUNG URINALS TO WASTE PIPING WITH RED BRASS NIPPLES.
D. EACH FIXTURE, FLOOR DRAIN, AND PIECE OF EQUIPMENT REQUIRING CONNECTION TO DRAINAGE SYSTEM TO HAVE SEPARATE TRAPS INSTALLED AS CLOSE TO FIXTURE AS POSSIBLE.
E. PROVIDE DEEP SEAL P-TRAPS UNDER FLOOR DRAINS.

3.06. TRENCHING AND BACKFILLING:

TRENCHES SHALL PROVIDE UNIFORM BEARING. WHERE ROCK IS ENCOUNTERED, EXCAVATE 3" BELOW THE PIPE AND REFILL TO PIPE GRADE WITH GRAVEL. AFTER TESTING OF PIPING, TRENCHES SHALL BE BACKFILLED TO GRADE, TAMPED TO 95% COMPACTION.

3.07. TEST AND INSPECTIONS:

A. MAKE ALL WATER AND AIR TESTS OF THE PIPING SYSTEMS BEFORE WORK IS CONCEALED. TEST WATER PIPING TO HYDROSTATIC PRESSURE OF 125 PSI AND HOLD FOR 24 HOURS.
B. AFTER THE INSTALLATION OF SANITARY PIPING, PLUG THE ENDS OF THE SYSTEM AND FILL WITH WATER TO THE TOP OF VENTS OR WITH 10' HEAD. SHOULD LEAKS APPEAR, REPAIR AND REPEAT THE TESTS UNTIL THE SYSTEM IS TIGHT.

3.08. STERILIZATION:

THE STERILIZATION PROCESS SHALL COMPLY WITH ALL GOVERNING REGULATIONS. AFTER STERILIZATION AND FINAL FLUSHING, THE LOCAL HEALTH AUTHORITY IS TO BE NOTIFIED AND THEIR APPROVAL OBTAINED IN WRITING.

3.09. AS-BUILT DRAWINGS:
THE PLUMBING CONTRACTOR SHALL FURNISH UPON COMPLETION OF WORK A PLUMBING PLAN SHOWING ALL PIPING AS INSTALLED.

3.10. WORKMANSHIP

PLUMBING EQUIPMENT SHALL BE INSTALLED IN A NEAT WORKMANLIKE MANNER. UNSIGHTLY INSTALLATIONS SHALL BE REMOVED OR REWORKED AT NO ADDITIONAL EXPENSE TO THE OWNER.

END OF SECTION

PLUMBING FIXTURE SCHEDULE
(APPROVED EQUALS ALSO ACCEPTED)
PLUMBING FIXTURES AND ALL ACCESSORIES REQUIRED SHALL BE COORDINATED AND VERIFIED WITH THE ARCHITECT

P-1	WATER CLOSET (H.C.)	ADA 16-3/4" HIGH, ELONGATED BOWL, FLOOR MOUNTED, 1.28 GAL. FLUSH (FLUSH VALVE)
	SEAT	ELONGATED, STAINLESS STEEL, INTEGRAL CONTOURED SEAT.
	VALVE	1.28GPF MANUAL OPERATED FLUSHOMETER
P-2	WATER CLOSET (H.C.)	ADA 16-3/4" HIGH, ELONGATED BOWL, WALL MOUNTED, 1.28 GAL. FLUSH (FLUSH VALVE)
	SEAT	ELONGATED, STAINLESS STEEL, INTRGRAL CONTOURED SEAT.
	VALVE	1.28GPF MANUAL OPERATED AQUAFLUSH CONCEALED FLUSH VALVE
P-3	LAVATORY (H.C.)	18"X15" 4" CC WALL MOUNTED SINK, STAINLESS STEEL
	FAUCET	SINGLE-LEVER OPERATED CHROME PLATED FAUCET (0.5 GPM MAX);
	GRID DRAIN	1- 1/4" 17 GA. CHROME PLATED BRASS
	P-TRAP	1-1/4" CHROME PLATED CAST BRASS, 17 GAUGE, DIE CAST NUTS, CLEANOUTS AND ESCUTCHEON
	SUPPLY	CHROME PLATED BRASS ANGLE STOPS AND 12" FLEXIBLE CHROME PLATED COPPER RISERS.
	CARRIER	WALL CARRIER
	MIXING VALVE	4-10A "SYMMONS" MECHANICAL MIXING VALVE

NOTE: PROVIDE INSTITUTIONAL A.D.A. COMPLIANT INSULATORS FOR EXPOSED WASTE, HOT AND COLD WATER PIPES. HOT AND COLD WATER STOP/SUPPLIES AND TRAP INSULATOR KIT BY ZURN INDUSTRIES, INC.

P-4	URINAL	STALL TYPE - WASHOUT URINAL ADA COMPLIANT STAILLESS STEEL.
	VALVE	1.28 MANUAL OPERATE AQUAFLUSH CONCEALED FLUSH VALVE
P-5	SHOWER	REARMOUNTED RECESSED SHOWER PANEL
	HEAD	(NPS) NON-ADJUSTABLE PENAL SHOWER HEAD
	VALVE	DUAL TEMP PNEUMATIC METERING PUSH BUTTON
P-6	FLOOR DRAIN	Z-415B "ZURN" FLOOR DRAIN DURA-COATED CAST IRON BODY WITH BOTTOM OUTLET, COMBINATION INVERTIBLE MEMBRANE CLAMP AND ADJUSTABLE COLLAR WITH STRAINER; PROVIDE WITH GREEN DRAIN TRAP SEALS.

FIXTURE CONNECTION SCHEDULE

"P" NO.	DESCRIPTION	H.W.	C.W.	TRAP	WASTE	VENT
P-1	WATER CLOSET (H.C.)	--	1-1/4"	3"	3"	2"
P-2	WATER CLOSET (H.C.)	--	1-1/4"	3"	3"	2"
P-3	LAVATORY (H.C.)	1/2"	1/2"	1 1/4"	2"	1 1/2"
P-4	URINAL	--	3/4"	3"	3"	2"
P-5	SHOWER	1/2"	1/2"	--	--	--
P-6	FLOOR DRAIN	--	--	3"	3"	1 1/2"

WATER HEATER SCHEDULE (ELECTRIC)

WATER HEATER	MODEL	TURN-ON FLOW RATE GPM	H.W. SIZE	C.W. SIZE	LOCATION	VOLTAGE	WATTS
WH-1	A.0. SMITH E6-40H45DV	NA	3/4"	3/4"	OFFICE P107	240 V	4.5kW X 2
WH-2	FLOWCO SPEX35	0.3	3/8"	3/8"	POINT OF USE	240 V	3.5kW

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CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
MONTGOMERY HALL PARK POOL HOUSE AND RESTROOMS

PLUMBING NOTES, SCHEDULES & SPECIFICATION

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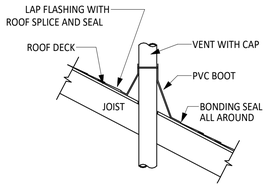
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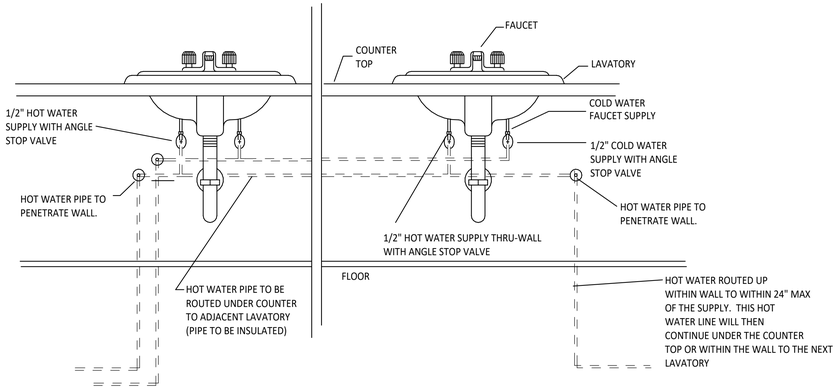
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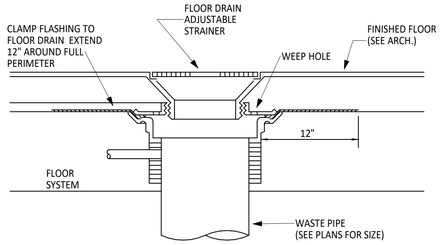
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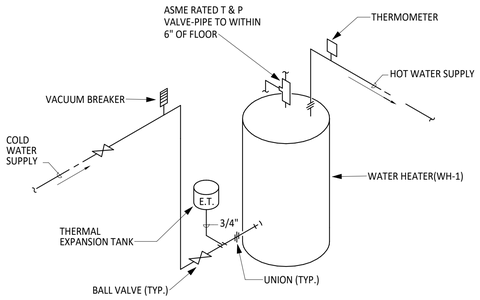
PLUMBING VENT THROUGH ROOF



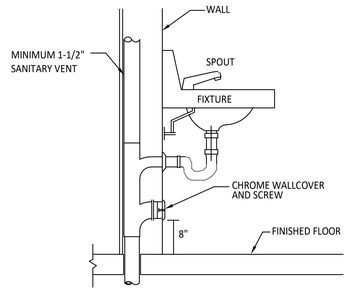
LAVATORY PIPING



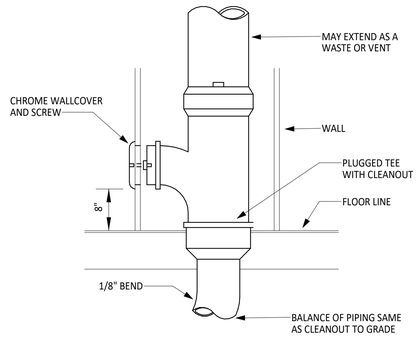
FLOOR DRAIN



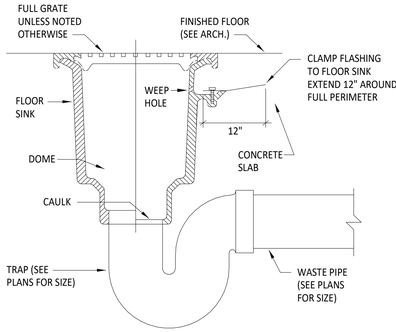
WATER HEATER PIPING DIAGRAM



WALL CLEANOUT UNDER LAVATORY



WALL CLEANOUT



FLOOR SINK

Seal

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DETAILS

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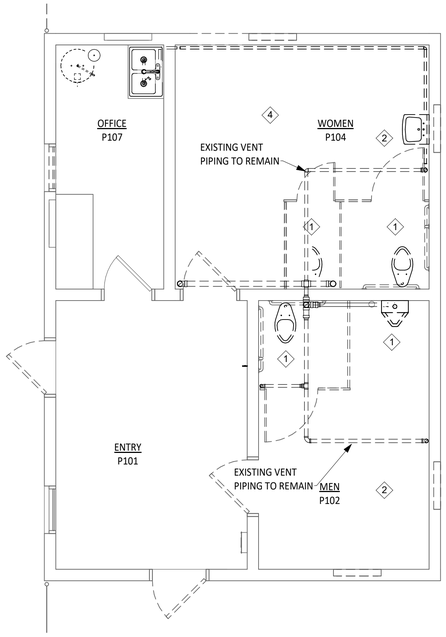
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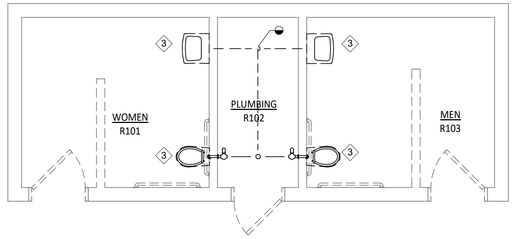
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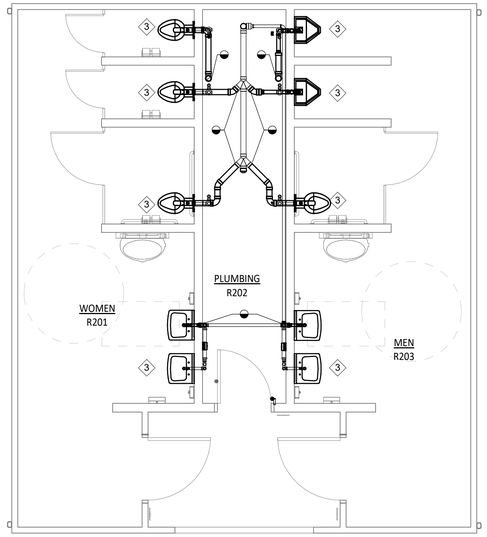
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POOL HOUSE - DEMO - SANITARY
1/4" = 1'-0"
PLAN NORTH



RESTROOM 1 DEMO - SANITARY
1/4" = 1'-0"
PLAN NORTH



RESTROOM 2 DEMO - SANITARY
1/4" = 1'-0"
PLAN NORTH

DEMOLITION WORK NOTES:

1	FIXTURE TO BE REMOVED AND SLAB DEMOED TO REVEAL EXISTING SANITARY PIPING.
2	FIXTURE TO BE REMOVED. PIPING TO REMAIN FOR CONNECTION OF NEW FIXTURE IN RENOVATION PHASE
3	REMOVE FIXTURE AND PIPING BACK TO LIMITS SHOWN
4	DEMO FLOOR AS NEEDED TO LOCATE EXISTING SANITARY LINES FOR CONNECTION OF FLOOR DRAINS IN RENOVATION PHASE.

PLUMBING LEGEND

- SANITARY
- VENT
- CLEANOUT
- C.O.
- GRADE CLEANOUT
- G.C.O.
- FLOOR CLEANOUT
- F.C.O.
- OR — PIPE TURN DOWN
- PIPE TURN UP
- CONNECT TO EXISTING

GENERAL PLUMBING DEMOLITION NOTES:

1. CONTRACTOR IS TO FIELD VERIFY THE LOCATION, SIZE AND INVERT OF ALL THE EXISTING FIXTURES AND PIPING.
2. WHERE EXISTING PLUMBING FIXTURES ARE INDICATED TO BE REMOVED, REMOVE EXISTING FIXTURE, TRIM, AND ALL ASSOCIATED PIPING AND HARDWARE. REMOVE SERVICE BRANCHES BACK TO THE NEAREST LIVE MAIN AND CAP. DEAD LEGS SHALL NOT EXCEED 2'-0" IN LENGTH.
3. DEMOLITION SHALL BE PREFORMED IN SUCH A MANNER THAT WILL NOT DAMAGE ADJOINING SURFACES OR EQUIPMENT INDICATED TO REMAIN WHERE SURFACES MUST BE REMOVED TO COMPLETE DEMOLITION, THE CONTRACTOR SHALL REPLACE AND REPAIR THE SURFACES BACK TO THE ORIGINAL CONDITION.
4. WHERE DEMOLITION WOULD AFFECT THE STRUCTURAL INTEGRITY OF THE BUILDING, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER PRIOR TO PROCEEDING WITH DEMOLITION.
5. SEE OWNER FOR DISPOSITION OF REMOVED FIXTURES.
6. THE CONTRACTOR SHALL COORDINATE ALL DEMOLITION REQUIRED WITH SYSTEMS THAT MUST REMAIN IN SERVICE DURING CONSTRUCTION WHERE SYSTEMS MUST REMAIN IN SERVICE DURING CONSTRUCTION, THE CONTRACTOR SHALL PROVIDE MEANS AND METHODS OF ISOLATING THE SYSTEM TO BE REMOVED WITH THE SYSTEMS TO REMAIN IN SERVICE. MEANS AND METHODS SHALL INCLUDE TEMPORARY CAPS AND ISOLATION VALVES.

0 2' 4' 8'
SCALE: 1/4" = 1'-0"

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WASTE & VENT PIPING PLAN - DEMO

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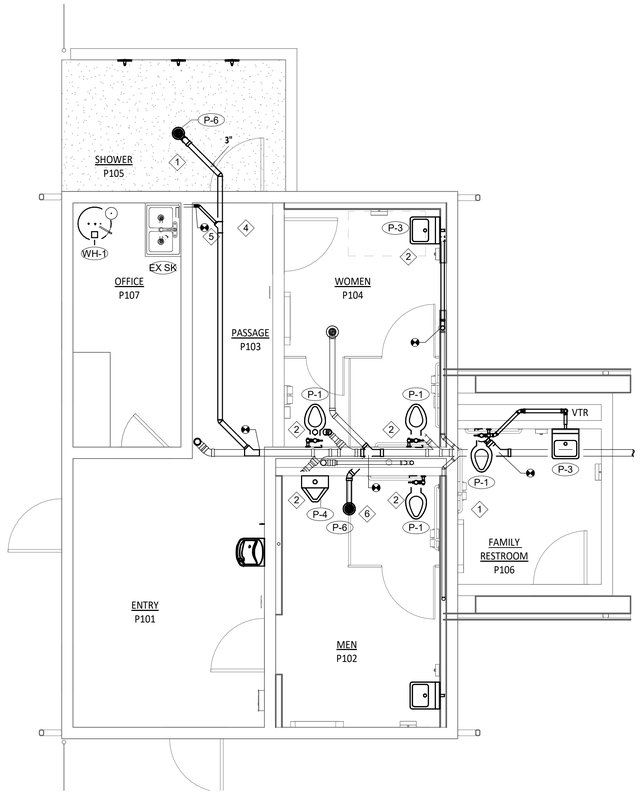
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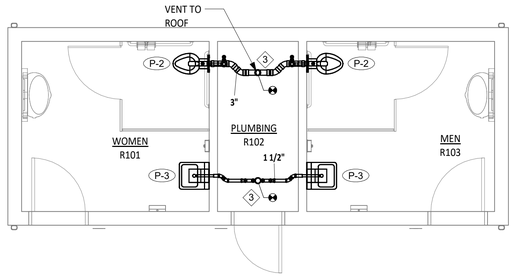
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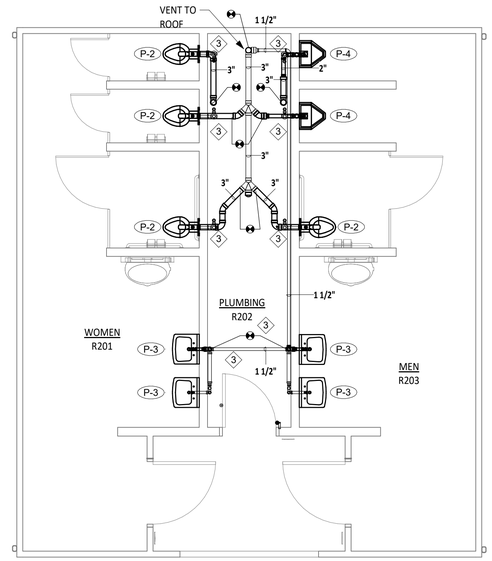
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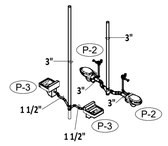
POOL HOUSE - RENO - SANITARY
1/4" = 1'-0"
PLAN NORTH



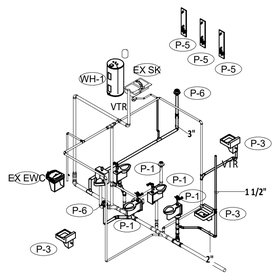
RESTROOM 1 RENO - SANITARY
1/4" = 1'-0"
PLAN NORTH



RESTROOM 2 RENO - SANITARY
1/4" = 1'-0"
PLAN NORTH

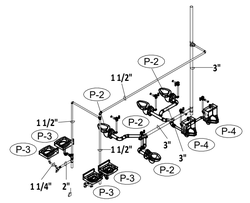


ISO VIEW - WASTE & VENT - RESTROOM 1



ISO VIEW - WASTE & VENT - POOL HOUSE

PLUMBING LEGEND	
——— ———	SANITARY
— — — —	VENT
——o——	CLEANOUT
C.O.	
F.C.O.	FLOOR CLEANOUT
—o— OR —o—	PIPE TURN DOWN
———o	PIPE TURN UP
	CONNECT TO EXISTING



ISO VIEW - WASTE & VENT - RESTROOM 2

RENOVATION WORK NOTES:◇

1	CONNECT TO EXISTING PIPING FOUND DURING DEMOLITION PHASE. FIELD VERIFY PIPE SIZE.
2	CONNECT NEW FIXTURE TO EXISTING PIPING. EXTEND PIPING AS NEEDED
3	ROUTE PIPING AS NEEDED TO CONNECT TO EXISTING SANITARY LINE COMING OUT OF SLAB
4	CONCRETE REMOVED DURING DMO PHASE TO BE REPLACED WITH NEW CONCRETE AND LEVELED TO MATCH EXISTING.
5	CONNECT EXISTING SINK DRAIN TO NEW FLOOR DRAIN PIPING. ROUTE VENT UP AND CONNECT TO EXISTING VENT SYSTEM.
6	INSTALL NEW FLOOR DRAIN. TIE INTO EXISTING SANITARY DRAIN.

0 2' 4' 8'
SCALE: 1/4" = 1'-0"

Seal
COMMONWEALTH OF VIRGINIA
STEVEN R. FARRIS
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2/20/26
PROFESSIONAL ENGINEER

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
MONTGOMERY HALL PARK POOL HOUSE AND RESTROOMS

WASTE & VENT PIPING PLAN - RENO

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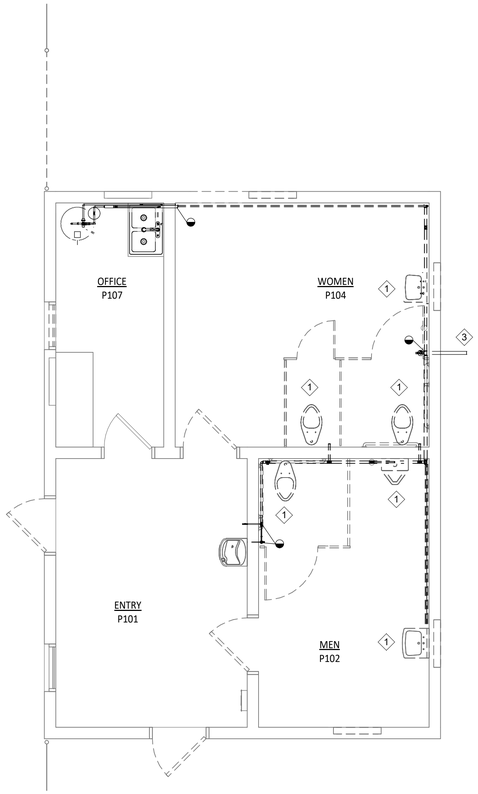
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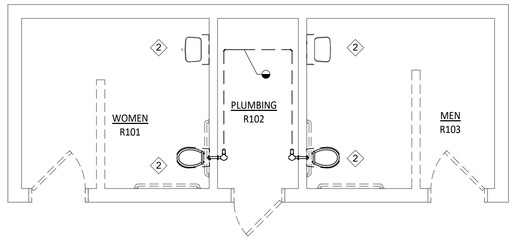
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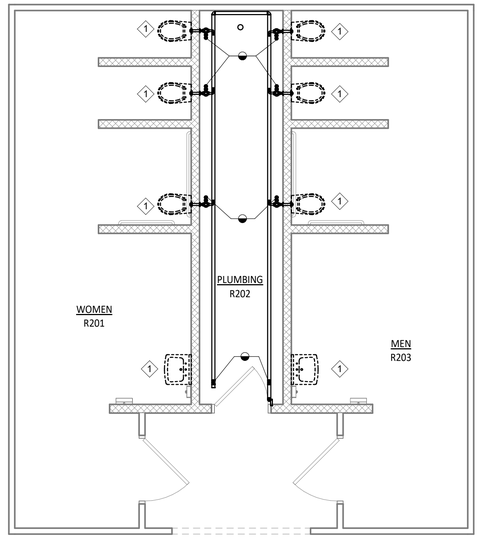
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POOL HOUSE - DEMO - WATER PIPNG
1/4" = 1'-0"
PLAN NORTH



RESTROOM 1 DEMO - WATER PIPING
1/4" = 1'-0"
PLAN NORTH



RESTROOM 2 DEMO - WATER PIPING
1/4" = 1'-0"
PLAN NORTH

DEMOLITION WORK NOTES:

1	EXISTING FIXTURE TO BE REMOVED. WATER SUPPLY PIPING TO REMAIN FOR CONNECTION IN RENO PHASE
2	REMOVE FIXTURE AND ALL ASSOCIATED WATER SUPPLY PIPING TO EXTENTS SHOWN.
3	EXISTING DOMESTIC WATER ENTRANCE. COORDINATE DEMOLITION WITH CIVIL SHEETS.

PLUMBING LEGEND

- COLD WATER
- HOT WATER
- HOT WATER RETURN
- EXISTING HOT WATER RETURN
- EXISTING COLD WATER
- EXISTING HOT WATER
- PIPE TURN DOWN
- PIPE TURN UP
- DEMO TO LIMIT

0 2' 4' 8'
SCALE: 1/4" = 1'-0"

Seal
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MONTGOMERY HALL PARK POOL HOUSE AND RESTROOMS

WATER PIPING PLAN - DEMO

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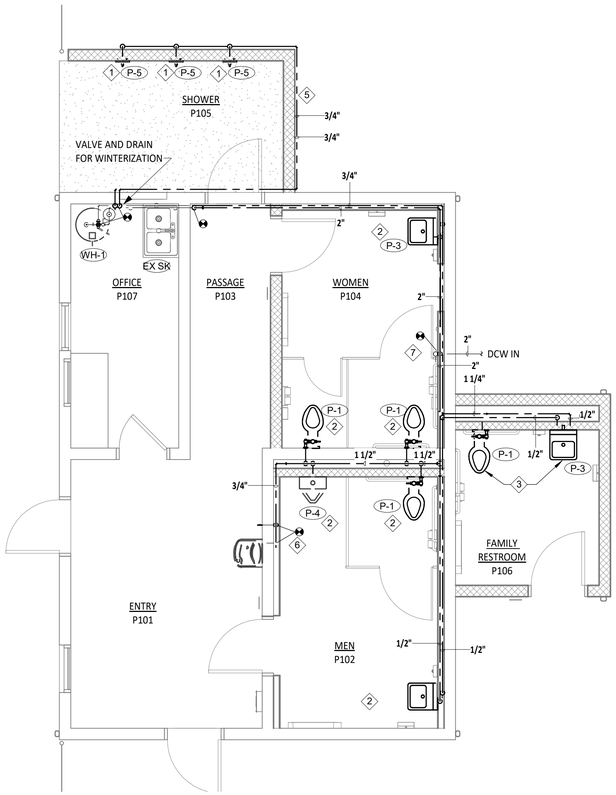
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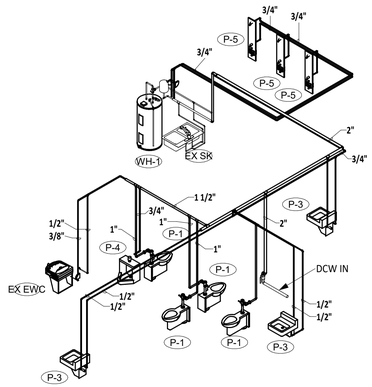
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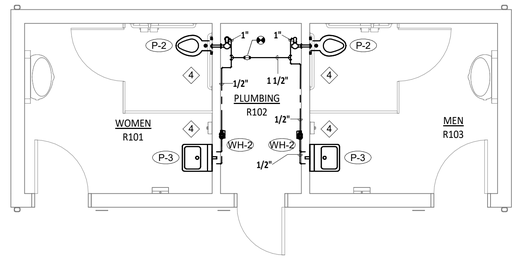
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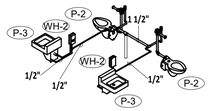
POOL HOUSE - RENO - WATER PIPING
1/4" = 1'-0"
PLAN NORTH



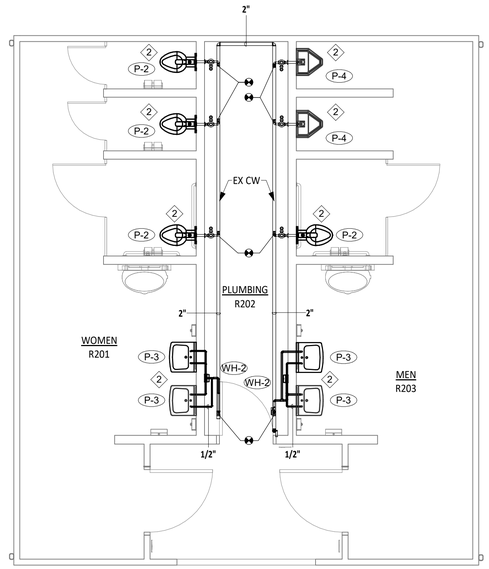
ISO VIEW - WATER PIPING - POOL HOUSE



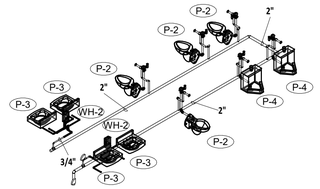
RESTROOM 1 RENO - WATER PIPING
1/4" = 1'-0"
PLAN NORTH



ISO VIEW - WATER PIPING - RESTROOM 1



RESTROOM 2 RENO - WATER PIPING
1/4" = 1'-0"
PLAN NORTH



ISO VIEW - WATER PIPING - RESTROOM 2

NEW WORK NOTES:

1	INSTALL NEW SHOWER SYSTEM IN NEW AREA. ROUTE NEW SUPPLY LINES TO NEW SHOWER SYSTEM LOCATION FROM EXISTING SUPPLY LINES AS REQUIRED. SEE ARCHITECHTURAL PLANS FOR ADDITIONAL COORDINATION. MAINTAIN ALL REQUIRED ADA CLEARANCES.
2	INSTALL NEW FIXTURES IN LOCATIONS SHOWN. EXTEND EXISTING SUPPLY PIPING TO NEW FIXTURES AS REQUIRED. SEE ARCHITECTURAL SHEETS FOR ADDITIONAL COORDINATION. MAINTAIN ALL REQUIRED ADA CLEARANCES.
3	INSTALL NEW LAVATORY AND WATER CLOSET IN NEW ADDITION. COORDINATE WITH ARCHITECT FOR FIXTURE LOCATIONS.
4	INSTALL NEW FIXTURES IN LOCATIONS SHOWN. ROUTE NEW SUPPLY PIPING FROM FIXTURES CONNECTING EXISTING WATER RISER.
5	PROVIDE POSITIVE SLOPE ON WATER LINES BACK TO OFFICE P107. PROVIDE ISOLATION VALVE AND DRAIN FOR WINTERIZING PURPOSES.
6	RECONNECT TO EXISTING DRINKING FOUNTAIN AND HOSE BIBB PIPING. PROVIDE SERVICE PANEL TO ALLOW FOR VALVE ACCESS.
7	RECESS WATER SHUTOFF VALVE. PROVIDE ACCESS PANEL.

PLUMBING LEGEND

——— – ———	COLD WATER
——— – – ———	HOT WATER
— – – – ———	HOT WATER RETURN
—o— OR —o—	PIPE TURN DOWN
———o	PIPE TURN UP
	CONNECT TO EXISTING

SEASONAL/WINTERIZATION NOTE:

FOR ALL WATER SUPPLY PIPING PROVIDE ISOLATION , LOW-POINT DRAIN VALVES, AND ARRANGE PIPING TO ALLOW FOR COMPLETE DRAIN-DOWN AND/OR COMPRESSED-AIR BLOW-OUT DURING WINTERIZATION. VALVES SHALL BE ACCESSIBLE.

0 2' 4' 8'
SCALE: 1/4" = 1'-0"

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CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
MONTGOMERY HALL PARK POOL HOUSE AND RESTROOMS

WATER PIPING PLAN - RENO

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Date	02/20/2026

Project No.
18861

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Date/Time: 2/17/2026 9:14:36 AM File Name: C:\Users\johnny_carr\Documents\17678 MHP Pool House & Restroom Bldgs_P v25_jcarrZLXKQ.rvt

MECHANICAL SPECIFICATIONS

AIR CONDITIONING, HEATING AND VENTILATING SYSTEMS

PART 1. GENERAL:

A. SCOPE:

FURNISH ALL LABOR, MATERIALS AND EQUIPMENT NECESSARY TO INSTALL ALL AIR CONDITIONING, HEATING AND VENTILATING WORK INDICATED ON THE DRAWINGS, SPECIFIED HEREIN, AND IN ACCORDANCE WITH ALL CITY, STATE, AND NATIONAL CODES.

B. ELECTRICAL WORK:

ALL WIRING SHALL BE INCLUDED UNDER ELECTRICAL SECTION OF THE SPECIFICATIONS. ALL CONTROL WIRING SHALL BE BY MECHANICAL CONTRACTOR. MECHANICAL CONTRACTOR TO VERIFY VOLTAGE AND PHASE PRIOR TO ORDERING ANY EQUIPMENT.

C. NOISE AND VIBRATION:

EQUIPMENT SHALL OPERATE QUIETLY. THE OPERATION OF THE EQUIPMENT SHALL CAUSE NO PERCEPTIVE VIBRATION OR OBJECTIONABLE NOISE IN ANY PORTION OF THE BUILDING OR STRUCTURE.

D. WARRANTIES:

FURNISH A FIVE-YEAR WARRANTY ON ALL HVAC EQUIPMENT AND A ONE-YEAR SERVICE AND GUARANTEE ON ALL NEW CONTROLS AND EQUIPMENT. CONTRACTOR SHALL MAKE GOOD ANY DEFECT IN MATERIAL OR WORKMANSHIP FOR (1) ONE YEAR FROM DATE OF ACCEPTANCE. DATE OF ACCEPTANCE IS DATE CERTIFIED BY ARCHITECT/ENGINEER THAT CONTRACT HAS BEEN SATISFACTORILY COMPLETED IN ACCORD WITH CONTRACT DOCUMENTS.

E. EQUIPMENT ANCHORAGE:

PROVIDE ALL MATERIALS AND LABOR REQUIRED FOR EQUIPMENT ANCHORGE TO BUILDING STRUCTURE.

F. SHOP DRAWINGS AND SUBMITTALS:

PROVIDE ARCHITECT/ENGINEER WITH SIX (6) SETS OF SHOP DRAWINGS OF ALL EQUIPMENT FOR APPROVAL PRIOR TO ORDERING EQUIPMENT.

G. PERMITS AND FEES:

CITY WILL WAIVE ALL CITY OF STAUNTON PERMIT FEES.

H. COORDINATION:

CONTRACTOR SHALL COORDINATE ALL WORK WITH THE GENERAL CONTRACTOR AND OTHER TRADES.

I. WORKMANSHIP:

ALL HVAC EQUIPMENT SHALL BE INSTALLED IN A NEAT WORKMANLIKE MANNER. UNSIGHTLY INSTALLATION SHALL BE REMOVED OR REWORKED AT NO ADDITIONAL EXPENSE TO THE OWNER.

PART 2. PRODUCTS:

A. EQUIPMENT:

SEE NOTES AND DETAILS ON DRAWINGS FOR EQUIPMENT. ALL EQUIPMENT TO BE U.L. LISTED.

B. DUCTWORK:

RECTANGULAR DUCTWORK SHALL BE GALVANIZED SHEET METAL.

C. AIR DEVICES:

FURNISH AND INSTALL GRILLES, REGISTERS, DIFFUSERS, LOUVERS, ETC. AS NOTED AND OF CAPACITIES SCHEDULED ON DRAWINGS. COORDINATE EXACT LOCATIONS WITH LIGHTING, SPRINKLERS AND ARCHITECT'S CEILING PLANS.

D. EXHAUST FANS:

FURNISH AND INSTALL EXHAUST FANS OF SIZE AND CAPACITY SHOWN ON DRAWINGS.

E. FIRE DAMPERS:

PROVIDE U.L. APPROVED FIRE DAMPERS WHERE SHOWN ON DRAWINGS, AND WHERE REQUIRED BY NFPA-90.

F. HVAC UNITS:

PROVIDE ELECTRIC HEATERS OF SIZE AND CAPACITIES SHOWN ON DRAWINGS AND SCHEDULES. PROVIDE STANDARD ONE YEAR WARRANTY ON LABOR AND MATERIAL.

PART 3. EXECUTION:

A. DUCTWORK:

INSTALLATION SHALL BE RIGID AND DUCTWORK FREE FROM RATTLES AND AIR NOISES WHEN IN OPERATION. SUPPORT DUCTWORK WITH TRAPEZE HANGERS.

1) ROUND DUCT SHALL BE GALVANIZED SHEET METAL (METAL OR FLEXIBLE INSULATED). INSTALL AND FABRICATE ALL DUCTWORK ACCORDING TO SMACNA STANDARDS. PRESSURE SENSITIVE TAPE SHALL BE USED TO SEAL JOINTS.

2) WHERE DUCTWORK CAN BE SEEN THRU GRILLES SPRAY WITH FLAT BLACK ENAMEL PAINT.

3) PROVIDE FLEXIBLE CONNECTORS BETWEEN DUCTWORK AND ALL FANS AND EQUIPMENT.

B. DUCT INSULATION:

2.2", 3/4# DENSITY FIBERGLASS WITH VAPOR BARRIER. ALL SHEET METAL SUPPLY, RETURN, AND OUTSIDE AIR DUCTS TO BE INSULATED.

C. TESTING AND BALANCING:

1) TEST AND BALANCE ALL HEATING, COOLING AND VENTILATING EQUIPMENT AND SYSTEMS TO PERFORM AS SHOWN ON THE DRAWINGS AND SPECIFICATIONS, OR AS REQUIRED FOR THE PROPER OPERATION AND AS DIRECTED BY THE ENGINEER.

2) SUBMIT FINAL DETAILED TEST AND BALANCE REPORT TO THE ENGINEER.

3) TEST AND BALANCE BY CERTIFIED TEST AND BALANCE FIRM.

FIRE STOPPING

1. PROVIDE FIRE STOPPING OF ALL PIPE, FITTINGS, CONDUIT, DUCTWORK THRU RATED PARTITIONS. ALL PIPE AND CONDUIT SHALL BE SLEEVED AND CAULKED USING "HILTI" FIRE STOP SYSTEMS

BASIC REQUIREMENTS FOR MECHANICAL SYSTEMS

1. RESPONSIBILITY OF BIDDERS: CONTRACTOR SHALL EXAMINE ALL DRAWINGS AND SPECIFICATIONS ISSUED AND SHALL VISIT THE PROJECT SITE. BIDDERS MUST BE FAMILIAR WITH THE CODES, RULES AND REGULATIONS IN EFFECT AT THE SITE OF THE WORK. BY SUBMITTING A BID THE CONTRACTOR AGREES HE HAS VISITED THE PROJECT SITE AND HAS REVIEWED EXISTING CONDITIONS AND HAS REFLECTED EXISTING CONDITIONS IN THE BID.

2. MECHANICAL DRAWINGS: THE DRAWINGS ARE INTENDED TO BE DIAGRAMMATIC AND ARE BASED ON ONE MANUFACTURER'S EQUIPMENT. THEY ARE NOT INTENDED TO SHOW EVERY ITEM IN ITS EXACT LOCATION, THE EXACT DIMENSIONS OR ALL THE DETAILS OF THE EQUIPMENT. CONTRACTOR SHALL VERIFY THE ACTUAL DIMENSIONS OF THE EQUIPMENT PROPOSED TO ASSURE THAT THE EQUIPMENT WILL FIT IN THE AVAILABLE SPACE.

3. COORDINATION: THE MECHANICAL WORK SHALL BE INSTALLED IN A NEAT AND WORKMANLIKE MANOR IN THE LOCATIONS SHOWN BUT SHALL BE SUBJECT TO SUCH DEVIATIONS, MODIFICATIONS AND RELOCATIONS AS MAY BE NECESSARY TO CONFORM TO THE REQUIREMENTS OF PROJECT CONDITIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE THE WORK WITH ALL TRADES.

4. PRODUCTS: PRODUCTS SHALL BE NEW AND FIRST LINE QUALITY, OF GRADE AND TYPE SHOWN ON PLANS AND SPECIFIED, OR EQUALS AS APPROVED BY DESIGNER IN WRITING. ALL PRODUCTS SHALL BE IN CURRENT PRODUCTION WITH NO NOTICE OF BEING DISCONTINUED OR DRASTICALLY CHANGED FROM CURRENT PRODUCTION.

5. PERMITS, CODES AND REGULATIONS: ALL WORK SHALL BE IN ACCORDANCE WITH THE FOLLOWING: VIRGINIA BUILDING, MECHANICAL AND PLUMBING CODE, NFPA, ASME, ASTM, UL, NEC, NEMA, SMACNAARI, ANSI, OSHA AND ASHRAE. OBTAIN ALL PERMITS PAY ALL ASSOCIATED FEES AND REQUEST INSPECTIONS FROM THE AUTHORITY HAVING JURISDICTION.

GENERAL MECHANICAL NOTES

1. FRESH AIR INTAKES SHALL NOT BE LOCATED CLOSER THAN 10 FEET FROM ANY EXHAUST OR OUTLET VENT.
2. COORDINATE WITH ARCHITECTURAL PLANS FOR ALL FIRE AND/OR SMOKE RATED BUILDING ASSEMBLIES, PROVIDE AND INSTALL U.L. RATED FIRE (SMOKE)-STOP ASSEMBLIES IN ANY SUCH AREAS AS REQUIRED BY CODE.
3. COORDINATE GRILLE, REGISTER AND DIFFUSER LOCATIONS WITH LIGHTING AND CEILING GRID LAYOUT.
4. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING A BID.
5. WORKMANSHIP: MECHANICAL EQUIPMENT AND ACCESSORIES SHALL BE INSTALLED IN A NEAT WORKMANLIKE MANNER. UNSIGHTLY INSTALLATIONS SHALL BE REMOVED OR REWORKED AT NO EXPENSE TO THE OWNER.
6. WHERE DUCTWORK CAN BE SEEN THRU GRILLES; PAINT DUCT WITH FLAT BLACK ENAMEL PAINT.
7. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATION OF GRILLES, REGISTERS AND DIFFUSERS.
8. DUCTWORK DIMENSIONS GIVEN ARE INSIDE CLEAR. SEE SPECIFICATIONS FOR INSULATION REQUIREMENTS.
9. PROVIDE FLANGES ON CEILING OUTLETS LOCATED IN DRYWALL CEILINGS OR SURFACE MOUNTED OUTLETS.
10. PROVIDE ALL DIFFUSERS IN SAME SPACE WITH THE SAME FULL-FACE SIZE USING THE LARGEST SIZE.
11. REFER TO ELECTRICAL AND PLUMBING DRAWINGS FOR ADDITIONAL COORDINATION WITH THESE DRAWINGS.
12. CONTRACTOR SHALL VERIFY ELECTRICAL VOLTAGE, LOADS ETC. WITH ELECTRICAL TRADE, OR EXISTING CONDITIONS, PRIOR TO ORDERING EQUIPMENT.
13. SEAL ALL WALL, ROOF AND FLOOR PENETRATIONS BY MECHANICAL AND ELECTRICAL SERVICE AIRTIGHT.
14. DO NOT BLOCK TUBE PULL OR SERVICE SPACE ON EQUIPMENT WITH PIPING, DUCTWORK, ETC. (FLANGE OR REMOVABLE SECTION MAY BE USED IN SOME INSTANCES WHERE TIGHT CLEARANCE EXIST)
15. EQUIPMENT SIZES AND SERVICE SPACE REQUIREMENTS MAY VARY BETWEEN DIFFERENT MANUFACTURERS. CONSULT APPROVED MANUFACTURER AS SUBMITTED, AND COORDINATE WITH THESE DRAWINGS.
16. PROVIDE CHROME-PLATED ESCUTCHEONS AT ALL EXPOSED PIPE PENETRATIONS THROUGH WALLS.
17. COORDINATE ALL PENETRATIONS OF FLOOR SLABS, ROOF AND WALLS WITH STRUCTURAL DRAWINGS.
18. PROVIDE COMPANION OPPOSED BLADE VOLUME DAMPERS WITH ALL DIFFUSERS MOUNTED IN DRYWALL.
19. CONTRACTOR SHALL VERIFY CLEARANCE REQUIREMENTS AND INDICATED ROUTING OF DUCTWORK PRIOR TO FABRICATION AS RISES AND DROPS MAY BE NECESSARY DUE TO THE TRUSS FRAMING SYSTEM.
20. CONTRACTOR SHALL REMOVE EXISTING HVAC EQUIPMENT, ALL ASSOCIATED ACCESSORIES AND MATERIALS AS SHOWN AND TURN OVER TO OWNER OR REMOVE FROM THE SITE LEGALLY IF SO DIRECTED BY THE OWNER.
21. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY EXISTING CONDITIONS BEFORE DEMOLITION WORK BEGINS. REPORT ANY DISCREPANCIES BETWEEN THE PLANS AND ACTUAL FIELD CONDITIONS TO THE ARCHITECT / ENGINEER PRIOR TO THE COMMENCEMENT OF DEMOLITION WORK.
22. DEMOLITION WORK SHALL BE PHASED TO ACCOMPLISH REPLACEMENT WITH MINIMUM AMOUNT OF DOWNTIME. SCHEDULE NEW AND DEMOLITION WORK IN ADVANCE WITH THE OWNER.
23. EXISTING CONDITIONS SHOWN HEREIN WHERE TAKEN FROM SITE OBSERVATIONS, ORIGINAL DESIGN DRAWINGS AND AS-BUILT DOCUMENTATION WHERE AVAILABLE; ANY DISCREPANCIES BETWEEN THE PLANS AND ACTUAL FIELD CONDITIONS SHALL BE REPORTED TO THE ARCHITECT / ENGINEER.
24. CONTRACTOR SHALL PROVIDE CERTIFIED AIR SYSTEM BALANCE. BALANCING CONTRACTOR SHALL BE AABC OR NEBB CERTIFIED. PROVIDE REPORT TO ENGINEER/ARCHITECT.
25. VARIATION OF DUCT CONFIGURATION OR SIZES OTHER THAN THOSE OF EQUIVALENT OR LOWER LOSS COEFFICIENT IS NOT PERMITTED EXCEPT BY WRITTEN PERMISSION. SIZE ROUND DUCTS INSTALLED IN PLACE OF RECTANGULAR DUCTS IN ACCORDANCE WITH ASHRAE TABLE OF EQUIVALENT RECTANGULAR AND ROUND DUCTS.
26. EQUIPMENT AND MATERIALS SUBMITTED "AS EQUAL" TO THE SPECIFIED DATA MUST BE CLEARLY MARKED AS TO THE DIFFERENCES IN SUBMITTED VERSUS SPECIFIED. FAILURE TO CLEARLY MARK THE SUBMITTALS AS SUCH IS GROUNDS FOR REJECTION. SUBMITTALS NOT CLEARLY MARKED WITH DIFFERENCES TO THE SPECIFIED DATA CAN BE ASSUMED TO MEET ALL SPECIFIED REQUIREMENTS AND CONTRACTOR IS RESPONSIBLE TO PROVIDE AS SUCH.
27. COORDINATE MOUNTING HEIGHT OF EXPOSED DUCTWORK WITH LIGHTING.

H.V.A.C. LEGEND AND SYMBOLS

12x8 OR 12x8	SUPPLY, EXHAUST, RETURN DUCT
12x8 OR 12x8 / 8x8	BRANCH TAKE-OFF
12x8 OR 12x8 / 6"Ø	TAKE-OFF WITH SPIN-IN FITTING
OR	SPIN-IN TAKE-OFF IN BOTTOM OF DUCT
OR	SQUARE TURN WITH DOUBLE THICKNESS TURNING VANES
OR	FULL RADIUS ELBOW
OR	VERTICAL RISE OR DROP IN SUPPLY DUCT
OR	VERTICAL RISE OR DROP IN RETURN/EXHAUST DUCT
or OR	MANUAL BALANCING DAMPER
or OR	MOTORIZED DAMPER
OR	SPLITTER DAMPER
OR	SQUARE TO ROUND TRANSITION
OR	FLEX DUCT (5' MAX. RUNOUT)
	RADIATION DAMPER
	DAMPERS IN HORIZONTAL DUCT ▲ = FIRE DAMPER △ = SMOKE DAMPER ◬ = SMOKE/FIRE DAMPER
	DAMPERS IN VERTICAL DUCT ◆ = FIRE DAMPER ◇ = SMOKE DAMPER ◈ = SMOKE/FIRE DAMPER
DG	DOOR GRILLE
	SIDEWALL GRILLE
	SLOT TYPE GRILLE
	SUPPLY DIFFUSER
	RETURN, TRANSFER GRILLE
	EXHAUST GRILLE
	GRILLE IDENTIFICATION AND CFM RATING
U.C.	3/4" DOOR UNDERCUT
T	THERMOSTAT
H	HUMIDISTAT
S	SPEED CONTROLLER
SD	SMOKE DETECTOR
	POINT OF CONNECTION NEW TO EXISTING
	POINT OF DEMOLITION
	LOUVER WITH BIRD SCREEN

Seal

COMMONWEALTH OF VIRGINIA
STEVEN R. FARRIS
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CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
MONTGOMERY HALL PARK POOL HOUSE AND RESTROOMS

HVAC SPECIFICATIONS, NOTES & LEGEND

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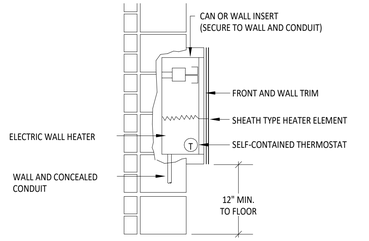
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Project No.
18861

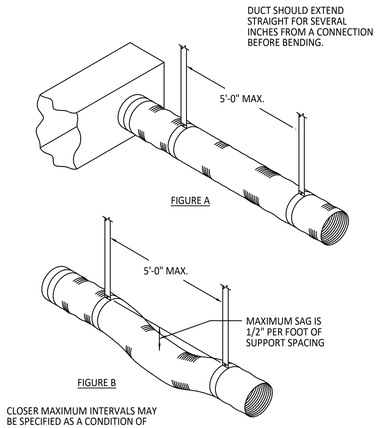
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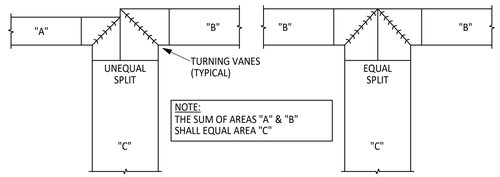


ELECTRIC WALL HEATER

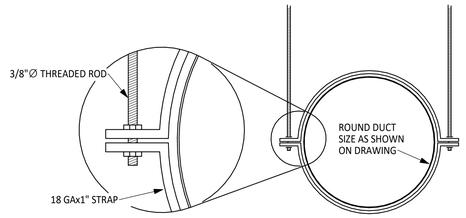


CLOSER MAXIMUM INTERVALS MAY BE SPECIFIED AS A CONDITION OF U.L. LISTING. PARTICULARLY IN FIRE RATED FLOOR - CEILING ASSEMBLIES.

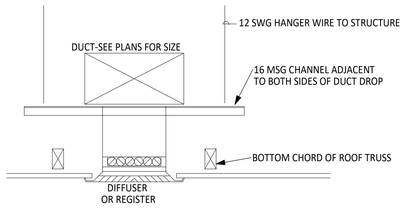
FLEXIBLE DUCT SUPPORTS



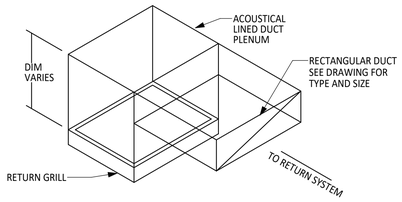
TYPICAL DUCT SPLIT

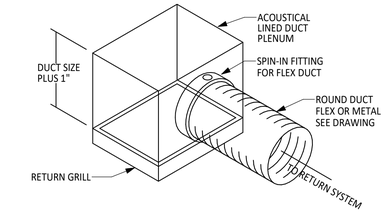


ROUND DUCT HANGER DETAIL



CEILING DIFFUSER FOR GYP CEILING





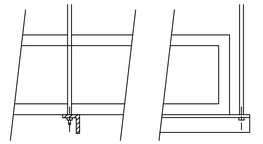
RETURN GRILLE

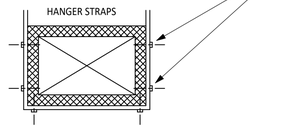
HANGER SIZES FOR RECTANGULAR DUCT			
MAX. SIDE	HANGER	HORIZONTAL SUPPORT ANGLE	MAXIMUM SPACING
30"	1"x18" GAGE STRAP	NONE REQUIRED	10'-0"
36"	1/4" ROUND ROD	1-1/2"x1-1/2"x1/8 "	8'-0"
48"	1/4" ROUND ROD	2" x 2" x 1/8"	8'-0"
60"	5/16" ROUND ROD	2" x 2" x 1/8"	8'-0"
84"	3/8" ROUND ROD	2" x 2" x 1/8"	8'-0"

NOTE:
ALL SUPPLY AIR DUCT SHALL BE WRAPPED EXTERNALLY AS PER SPECIFICATIONS

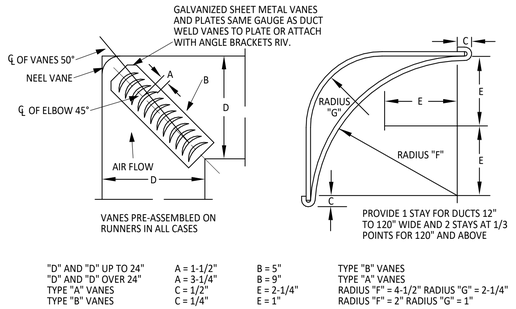
"NO POP RIVETS ALLOWED"

SELF TAPPING CADMIUM PLATED HEX HEAD SHEET METAL SCREW STRAPS TO BE TIGHT AGAINST DUCT.



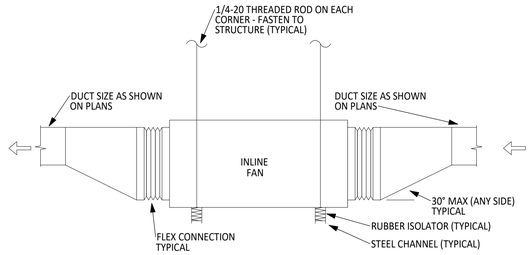


DUCT STRAP HANGER DETAIL

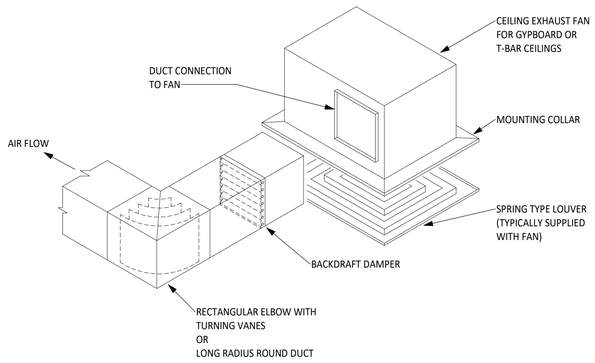


"D" AND "D" UP TO 24"	A = 1-1/2"	B = 5"	TYPE "B" VANES
"D" AND "D" OVER 24"	A = 3-1/4"	B = 9"	TYPE "A" VANES
TYPE "A" VANES	C = 1/2"	E = 2-1/4"	RADIUS "F" = 4-1/2" RADIUS "G" = 2-1/4"
TYPE "B" VANES	C = 1/4"	E = 1"	RADIUS "F" = 2" RADIUS "G" = 1"

SQUARE ELBOW DETAIL



INLINE FAN



CEILING EXHAUST FAN DETAIL

Seal
COMMONWEALTH OF VIRGINIA
STEVEN R. FARRIS
Lic. No. 035714
2/20/26
PROFESSIONAL ENGINEER

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
MONTGOMERY HALL PARK POOL HOUSE AND RESTROOMS

HVAC DETAILS

No.	Date	Purpose of Document Issue

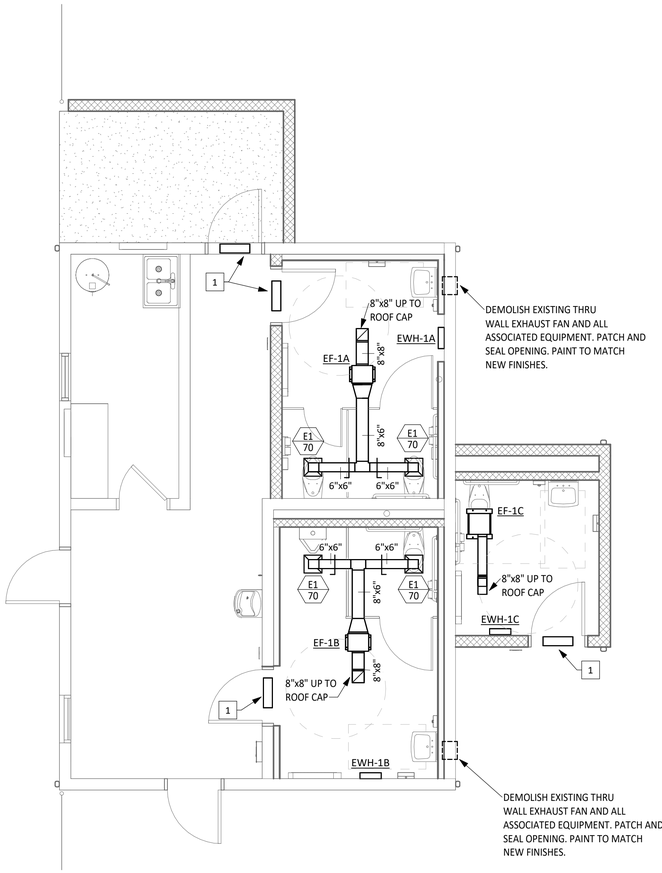
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Checked	SRF
Date	02/20/2026

Project No.
18861

THOMPSON & LITTON

Sheet No.
M002

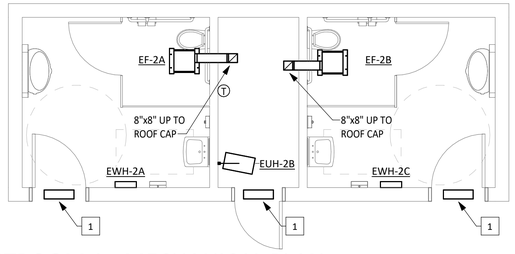
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POOL HOUSE - MECHANICAL PLAN

1/4" = 1'-0"

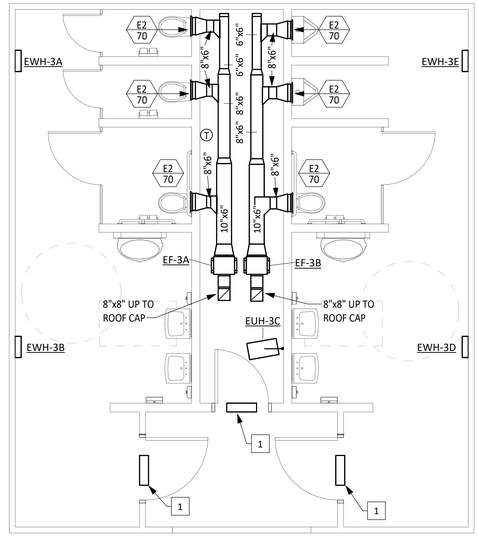
PLAN NORTH



RESTROOM 1 - MECHANICAL PLAN

1/4" = 1'-0"

PLAN NORTH



RESTROOM 2 - MECHANICAL PLAN

1/4" = 1'-0"

PLAN NORTH

MECHANICAL KEY NOTES:

1. 20" W x 12" H PRICE MODEL ATGH HEAVY DUTY DOOR GRILLE. SEE ARCHITECTURAL SHEETS FOR ADDITIONAL COORDINATION.

ELECTRIC HEATER SCHEDULE

MARK	MANUFACTURER & MODEL	FAN		CAPACITY (MBH)	KW	VOLT/PH	AMPS	TYPE	CONTROL	WEIGHT (LB)
		RPM	CFM							
EWH-1A	MARKEL MODEL 3450	1400	245	6.83	2	240/1	8.3	WALL	BUILT-IN TAMPER-PROOF THERMOSTAT	41
EWH-1B	MARKEL MODEL 3450	1400	245	6.83	2	240/1	8.3	WALL	BUILT-IN TAMPER-PROOF THERMOSTAT	41
EWH-1C	MARKEL MODEL 3450	1400	245	6.83	2	240/1	8.3	WALL	BUILT-IN TAMPER-PROOF THERMOSTAT	41
EWH-2A	MARKEL MODEL 3450	1400	245	6.83	2	240/1	8.3	WALL	BUILT-IN TAMPER-PROOF THERMOSTAT	41
EUH-2B	MARKEL H1HUH03003	NA	400	11.20	3.3	240/1	13.8	HORIZ. UH	REMOTE THERMOSTAT	40
EWH-2C	MARKEL MODEL 3450	1400	245	6.83	2	240/1	8.3	WALL	BUILT-IN TAMPER-PROOF THERMOSTAT	41
EWH-3A	MARKEL MODEL 3450	1400	245	6.83	2	240/1	8.3	WALL	BUILT-IN TAMPER-PROOF THERMOSTAT	41
EWH-3B	MARKEL MODEL 3450	1400	245	6.83	2	240/1	8.3	WALL	BUILT-IN TAMPER-PROOF THERMOSTAT	41
EUH-3C	MARKEL H1HUH03003	NA	400	11.20	3.3	240/1	13.8	HORIZ. UH	REMOTE THERMOSTAT	40
EWH-3D	MARKEL MODEL 3450	1400	245	6.83	2	240/1	8.3	WALL	BUILT-IN TAMPER-PROOF THERMOSTAT	41
EWH-3E	MARKEL MODEL 3450	1400	245	6.83	2	240/1	8.3	WALL	BUILT-IN TAMPER-PROOF THERMOSTAT	41

PROVIDE WITH DISCONNECT SIZED AND FUSED/NONFUSED PER MANUFACTURER'S NAMEPLATE REQUIREMENTS.
PROVIDE WITH TAMPER PROOF COVER AND TAMPER PROOF THERMOSTAT.
COLOR TO BE SELECTED BY OWNER/ARCHITECT.
PROVIDE EUH-2B AND EUH-3C WITH WALL/CEILING BRACKET AND REMOTE THERMOSTAT KIT.

GRILLES, REGISTERS, AND DIFFUSERS SCHEDULE

MARK	MANUFACTURER & MODEL	SERVICE	DESCRIPTION	MATERIAL	FINISH	ACCESSORIES AND FEATURES
E1	PRICE MODEL 80	EXHAUST	12X12 GYPBOARD	ALUM	NOTE 1	WITH BALANCING DAMPER
E2	PRICE MODEL 500	EXHAUST	12X6 SIDEWALL	ALUM	NOTE 1	WITH BALANCING DAMPER

FINISH TO BE SELECTED BY OWNER/ARCHITECT.

EXHAUST FAN SCHEDULE

MARK	MANUFACTURER & MODEL	TYPE	AIR FLOW	E.S.P.	FAN RPM	FAN POWER	VOLT/PH	MCA	MOCP	SONES	WEIGHT
EF-1A	GREENHECK CSP-A200	IN-LINE	140 CFM	0.4 in-wg	825	120 WATTS	115/1	0.6	15	1.6 SPHERICAL	23 LBS
EF-1B	GREENHECK CSP-A200	IN-LINE	140 CFM	0.4 in-wg	825	120 WATTS	115/1	0.6	15	1.6 SPHERICAL	23 LBS
EF-1C	GREENHECK SP-A50-90-VG	CEILING	70 CFM	0.4 in-wg	838	6 WATTS	115/1	0.4	15	1.4 SPHERICAL	12 LBS
EF-2A	GREENHECK SP-A50-90-VG	CEILING	70 CFM	0.4 in-wg	838	6 WATTS	115/1	0.4	15	1.4 SPHERICAL	12 LBS
EF-2B	GREENHECK SP-A50-90-VG	CEILING	70 CFM	0.4 in-wg	838	6 WATTS	115/1	0.4	15	1.4 SPHERICAL	12 LBS
EF-3A	GREENHECK CSP-A390-VG	IN-LINE	210 CFM	0.4 in-wg	1,164	35 WATTS	115/1	1.9	15	1.8 SPHERICAL	24 LBS
EF-3B	GREENHECK CSP-A390-VG	IN-LINE	210 CFM	0.4 in-wg	1,164	35 WATTS	115/1	1.9	15	1.8 SPHERICAL	24 LBS

PROVIDE WITH DISCONNECT SIZED AND FUSED/NONFUSED PER MANUFACTURER'S NAMEPLATE REQUIREMENTS.
PROVIDE WITH BACKDRAFT DAMPER.
PROVIDE WITH FLEX CONNECTIONS AT UNIT.
PROVIDE WITH SPEED CONTROL FOR BALANCING.

0 2' 4' 8'

SCALE: 1/4" = 1'-0"

Seal
COMMONWEALTH OF VIRGINIA
STEVEN R. FARRIS
Lic. No. 035714
2/20/26
PROFESSIONAL ENGINEER

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
MONTGOMERY HALL PARK POOL HOUSE AND RESTROOMS

MECHANICAL FLOOR PLANS & SCHEDULES

No.	Date	Purpose of Document Issue

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Drawn	BOC
Checked	SRF
Date	02/20/2026

Project No. 18861

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Sheet No. M101

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GENERAL ELECTRICAL NOTES

1. ALL NOTES, SYMBOLS AND ABBREVIATIONS MAY NOT BE APPLICABLE TO THIS PROJECT.
2. COMPLY WITH THE FOLLOWING CODES PERTAINING TO THIS PROJECT:
   - 2.1. NATIONAL ELECTRIC CODE/ NFPA 70: NEC, 2020
   - 2.2. VIRGINIA ENERGY CODE: VECC 2021
   - 2.3. VIRGINIA UNIFORM STATEWIDE BUILDING CODE: VUSBC, 2021
   - 2.4. ADA STANDARDS FOR ACCESSIBLE DESIGN, ASAD, SEPTEMBER 15, 2010
3. CONTRACTORS SHALL VISIT SITE TO FAMILIARIZE THEMSELVES WITH CONDITIONS TO BE MET IN THE EXECUTION OF THE WORK UNDER THIS CONTRACT. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ANY CHANGES THAT MAY BE REQUIRED DUE TO EXISTING SITE CONDITIONS.
4. PROVIDE INCREASED CONDUCTOR SIZES FOR 120/208 BRANCH CIRCUITS AS FOLLOWS UNO:

CIRCUIT BREAKER SIZE	0-100 FT. LENGTH	100-200 FT. LENGTH	200-300 FT. LENGTH	OVER 300 FT. LENGTH
20 AMP	12 AWG	10 AWG	6 AWG	4 AWG
30 AMP	10 AWG	8 AWG	4 AWG	3 AWG

5. ALL EMPTY CONDUIT RUNS IN EXCESS OF 10 FEET SHALL BE PROVIDED WITH A PULLWIRE.
6. DO NOT SHARE NEUTRALS.
7. RECESSED DEVICES MAY BE ADJUSTED TO MATCH MASONRY COURSES IF APPLICABLE. MOUNT ALL BOXES TRUE AND PLUMB. ADJUSTED MOUNTING HEIGHTS SHALL REMAIN WITHIN ADA REQUIREMENTS.
8. RECEPTACLES, SWITCHES, THERMOSTATS, AND OTHER SIMILAR ITEMS SHALL ALIGN VERTICALLY OR HORIZONTALLY WITH EACH OTHER, WITH THE STRUCTURE AND OTHER FEATURES THEREOF WHEN IT APPEARS OBVIOUS AND LOGICAL THAT THEY SHOULD. THE ELECTRICAL CONTRACTOR SHALL CONSULT WITH THE GENERAL CONSTRUCTION SUPERINTENDENT REGARDING THIS REQUIREMENT AND ALSO FOR THE LOCATION OF EQUIPMENT, DOOR SWINGS, BLOCK COURSING, ALIGNMENT OF THIS AND OTHER SIMILAR FEATURES BEFORE ROUGHING-IN FOR THESE COMPONENTS. ADJUSTED MOUNTING HEIGHTS SHALL REMAIN WITHIN ADA REQUIREMENTS.
9. THE MANUFACTURER AND MODEL NUMBER SHOWN ON THE LIGHT FIXTURE SCHEDULE INDICATES THE TYPE, CONSTRUCTION, STYLE, QUALITY AND STANDARD OF PERFORMANCE REQUIRED. OTHER MANUFACTURERS WITH EQUAL PRODUCTS ARE ACCEPTABLE UPON AE APPROVAL.
10. CONTRACTOR SHALL VERIFY THAT ALL DOOR SWINGS ARE CORRECT BEFORE ROUGHING IN LIGHT SWITCH OUTLETS. LIGHT SWITCHES SHALL NOT BE LESS THAN 3 NOR MORE THAN 12 INCHES FROM DOOR TRIM.
11. ALL DEMOLITION AND CONSTRUCTION DESIGN IS BASED ON ORIGINAL CONSTRUCTION DOCUMENTS. THE CONTRACTOR SHALL VERIFY ALL ASPECTS IN THE FIELD BEFORE STARTING WORK.
12. LOCATIONS OF LINES AND EQUIPMENT SHALL BE DETERMINED FROM ACTUAL FIELD CONDITIONS. THE OUTLINES OF THE CONSTRUCTION SHOWN ON THE ELECTRICAL DRAWINGS ARE INTENDED ONLY AS A GUIDE TO INDICATE RELATIVE LOCATIONS OF THE WORK. REFER TO THE APPLICABLE DRAWINGS OF OTHER TRADES AND THE EQUIPMENT SUPPLIER'S INSTALLATION DRAWINGS FOR EXACT LOCATIONS AND ARRANGEMENTS.
13. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION AND PROPER RELATION OF HIS WORK TO THE FACILITY STRUCTURES AND TO THE WORK OF OTHER TRADES. NO ADDITIONAL COMPENSATION NOR EXTENSION OF COMPLETION TIME WILL BE GRANTED FOR EXTRA WORK CAUSED BY THE LACK OF COORDINATION.
14. COORDINATE WITH MECHANICAL ON EXACT LOCATION AND ELECTRICAL CONNECTION REQUIREMENTS FOR HVAC EQUIPMENT PROVIDED.
15. ELECTRICAL REQUIREMENTS FOR HVAC EQUIPMENT ARE FOR HVAC EQUIPMENT SPECIFIED. IF SUBSTITUTE HVAC EQUIPMENT IS SUPPLIED, CONTRACTOR IS RESPONSIBLE FOR MODIFICATIONS AND/OR ADDITIONS TO ELECTRICAL REQUIREMENTS OF HVAC EQUIPMENT SUPPLIED.
16. DUE TO DIFFERENCES IN VARIOUS MANUFACTURER'S EQUIPMENT CONNECTIONS AND MOTOR CURRENTS, THE ELECTRICAL CONTRACTOR SHALL COORDINATE HIS INSTALLATION WITH THAT EQUIPMENT ACTUALLY FURNISHED AND SHALL VERIFY THE CORRECT SIZES AND DETAILS OF INSTALLATION BEFORE ROUGHING IN.
17. THE CORRECT NUMBER OF WIRES MAY NOT BE INDICATED FOR ALL CIRCUITS, ONLY THOSE WHERE CLARIFICATION IS NECESSARY. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL WIRES NECESSARY FOR THE PROPER FUNCTION OF THE SYSTEM WHETHER INDICATED ON DRAWINGS OR NOT.
18. ALL CONDUIT BELOW GRADE SHALL BE PVC SCHEDULE 40 IN NON VEHICLE TRAFFIC AREAS. ALL CONDUIT BELOW GRADE IN VEHICLE TRAFFIC AREAS SHALL BE PVC SCHEDULE 80. ALL EXTERIOR EXPOSED OR CONCEALED CONDUIT SHALL BE RGS. ALL CONDUIT IN BATHROOMS AND POOL AREAS SHALL BE RGS.
19. FOR ALL PANELS MODIFIED IN UNFINISHED SPACES: A 2" WIDE YELLOW LINE SHALL BE PAINTED ON ALL CONCRETE FLOORS IN ELECTRICAL ROOMS AND CLOSETS INDICATING THE ELECTRICAL WORKING SPACE AROUND ELECTRICAL EQUIPMENT AS DEFINED BY THE NEC. THE DEFINED SPACE SHALL BE 30" WIDE (OR THE WIDTH OF THE ACTUAL EQUIPMENT, WHICHEVER IS GREATER) X 36" DEEP FOR ALL EQUIPMENT LESS THAN 600V TO GROUND. STENCIL "NO STORAGE - ELECTRICAL WORKING SPACE" IN 2" HIGH, YELLOW LETTERS CENTERED IN THE SPACE OUTLINED AREA.

GENERAL DEMOLITION NOTES

1. CONTRACTOR SHALL COORDINATE ALL ITEMS TO BE SALVAGED WITH THE OWNER AND RETURN TO OWNER AFTER DISCONNECTION. IF OWNER DEEMS MATERIALS UNSALVAGEABLE, CONTRACTOR IS RESPONSIBLE FOR REMOVING FROM PROJECT SITE ALONG WITH ALL OTHER DEMOLISHED MATERIAL AND DISPOSING OF PROPERLY IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL LAWS.
2. EXISTING FACILITY IS TO REMAIN POWERED DURING CONSTRUCTION, CONTRACTOR SHALL MINIMIZE ALL POWER OUTAGES. CONTRACTOR SHALL COORDINATE ALL POWER OUTAGES WITH OWNER WITH PRIOR APPROVAL.
3. THE CONTRACTOR SHALL REMOVE EXISTING WORK AS CALLED FOR ON THE DRAWINGS OR AS REQUIRED TO CLEAR THE AREAS FOR NEW CONSTRUCTION.
4. THE CONTRACTOR SHALL REMOVE DEVICES AND ASSOCIATED CIRCUITRY FROM WALLS AND CEILINGS THAT ARE REMOVED OR MODIFIED UNDER THIS CONTRACT.
5. WHERE EXISTING EQUIPMENT IS TO BE RELOCATED, CARE SHALL BE TAKEN TO PREVENT DAMAGE DURING THE REMOVAL AND REINSTALLATION. WHERE DAMAGE OCCURS, THE EQUIPMENT SHALL BE REPLACED OR REPAIRED AT NO ADDITIONAL COST TO THE OWNER.
6. REMOVE EACH ITEM OF EQUIPMENT, DEVICE, AND FIXTURE INDICATED TO BE DEMOLISHED AND ASSOCIATED CIRCUITRY BACK TO THE PROTECTIVE DEVICE IN THE PANEL, SWITCHBOARD, OR CONTROLLER, EXCEPT AS OTHERWISE NOTED.
   - a. ASSOCIATED CIRCUITRY SHALL BE DEFINED TO INCLUDE ALL RACEWAYS, CONDUCTORS, ENCLOSURES, JUNCTION BOXES, WIRING DEVICES, COVERPLATES, LAMPS, FIXTURES, SWITCHES, STARTERS, ETC. WHICH ARE ASSOCIATED WITH THE ITEM TO BE REMOVED.
   - b. THE PROTECTIVE DEVICE SHALL REMAIN AS AN INTEGRAL PART OF THE EXISTING PANEL OR SWITCHBOARD. LABEL AS "SPARE" OR USE FOR NEW CIRCUITS AS INDICATED.
   - c. WHERE CONDUIT ASSOCIATED WITH AN ITEM TO BE REMOVED IS IN AN INACCESSIBLE AREA, SUCH AS ENCASED IN CONCRETE, THE INACCESSIBLE CONDUIT ONLY SHALL BE ABANDONED IN PLACE, UNLESS INDICATED TO BE REUSED. ALL CONDUCTORS SHALL BE REMOVED AND CONDUIT SHALL BE CUT OFF FLUSH AND SEALED OR CAPPED.
   - d. WHERE SUCH INACCESSIBLE CONDUIT ENDS MUST BE TERMINATED IN FINISHED SPACE, REMOVE THE CONDUIT OR BOX TO BELOW THE FINISHED SURFACE OR WALL, CEILING OR FLOOR, FILL VOID WITH NON-SHRINKING GROUT AND FINISH TO MATCH SURROUNDING SURFACES.
7. WHERE A PORTION OF A CIRCUIT'S LOAD IS SCHEDULED TO BE REMOVED, REMOVE ONLY THAT PORTION ASSOCIATED WITH THE DEMOLISHED DEVICE TO A POINT WHERE THE REMAINING LOAD IS ACTIVE; MAINTAIN REMAINING CIRCUITRY IN A GOOD OPERATING CONDITION. IF EXISTING CIRCUITRY IS DAMAGED DURING CONSTRUCTION, CONTRACTOR SHALL REPLACE, MATCHING EXISTING SIZES AND RATINGS AT NO ADDITIONAL COST TO THE OWNER.
8. WHERE EXTENSION OF AN EXISTING CIRCUIT IS REQUIRED, RUN CONDUIT AND WIRE (CONCEALED WHERE INDICATED) FROM THE CIRCUIT'S EXISTING LOCATION TO ITS NEW LOCATION. CIRCUIT EXTENSION SHALL MATCH EXISTING CIRCUITRY SIZE AND RATING.
9. WHERE AN ITEM OF EQUIPMENT IS INDICATED TO BE REMOVED AND RELOCATED, ANY ASSOCIATED CIRCUITRY, SWITCHES, DEVICES, ETC. SHALL ALSO BE REMOVED WITH THE EQUIPMENT. RELOCATE THE EQUIPMENT TO THE NEW LOCATION AND PROVIDE CONNECTION OF ALL ASSOCIATED ITEMS TO NEW OR EXTENDED CIRCUITRY AS INDICATED.
10. REUSE EXISTING CONDUITS IN PLACE DISCONNECTED DURING DEMOLITION WHERE APPLICABLE AND IN GOOD CONDITION.
11. WHERE EXISTING ELECTRICAL WORK INTERFERES WITH NEW WORK AND WHERE SUCH INSTALLATIONS ARE TO REMAIN IN USE, THE INSTALLATIONS SHALL BE DISCONTINUED AND RELOCATED AND/OR RECONNECTED TO COORDINATE WITH THE WORK INDICATED ON THE DRAWINGS AND AS SPECIFIED.
12. EXISTING PANEL BOARDS MODIFIED UNDER THIS CONTRACT SHALL BE PROVIDED WITH REVISED TYPED SCHEDULES.

LEGEND

A	SURFACE MOUNTED LIGHT FIXTURE, TYPE AS INDICATED. SEE LIGHT FIXTURE SCHEDULE.
A	WALL MOUNTED LIGHT FIXTURE, TYPE AS INDICATED. SEE LIGHT FIXTURE SCHEDULE. ALL LIGHT FIXTURES SHALL BE SWITCHED WITH NONE TO OPERATE AS NIGHT LIGHTS.
B	WALL MOUNTED LIGHT FIXTURE, TYPE AS INDICATED. SEE LIGHT FIXTURE SCHEDULE.
B EM	INTEGRAL BATTERY WHERE USED SHALL BE PROVIDED WITH POWER AT ALL TIMES. EMERGENCY BATTERIES TURN ON WHEN THERE IS A LOSS OF UTILITY POWER, REGARDLESS OF SWITCH POSITION. WHERE FIXTURES INDICATED TO BE SWITCHED, PROVIDE EMERGENCY SHUNT RELAY. SEE LIGHT FIXTURE SCHEDULE.
	DUAL HEAD EMERGENCY WALL PACK LIGHT. CONNECT AHEAD OF LOCAL SWITCH. SHALL BE POWERED AT ALL TIMES. SEE LIGHT FIXTURE SCHEDULE. MOUNT AT 8'-0" AFF, UNO.
	DUAL HEAD WALL MOUNTED EXIT SIGN. SHADING INDICATES FACE WHERE SHOWN. SEE LIGHT FIXTURE SCHEDULE. MOUNT AT 8'-0" AFF, UNO
$ VS	LIGHT SWITCH, SINGLE POLE DEVICE WITH INTEGRAL VACANCY SENSOR, 20 AMP, 120/277 VOLT, SURFACE MOUNT 48" AFF TO TOP OF BOX.
$	LIGHT SWITCH, SINGLE POLE DEVICE, 20 AMP, 120/277 VOLT, SURFACE MOUNT 48" AFF TO TOP OF BOX.
	120 V, 20 AMP, DUPLEX CONVENIENCE RECEPTACLE, SURFACE MOUNT BOX 20" AFF TO TOP OF BOX, NEMA 5-20R. SINGLE COVER PLATE.
	120 V, 20 AMP, GFCI, DUPLEX CONVENIENCE RECEPTACLE, FLUSH MOUNT 44" AFF TO BOTTOM OF BOX, UNLESS SHOWN OTHERWISE FOR SERVICE TO ABOVE COUNTER TOP. "GFI" INDICATES GROUND FAULT INTERRUPTER, "WP" INDICATES WEATHER-PROOF WHILE IN USE, "TR" INDICATES TAMPER RESISTANT.
	120 V, 20 AMP, DOUBLE DUPLEX RECEPTACLE, NEMA 5-20R SURFACE MOUNT 20" AFF TO TOP OF BOX. SINGLE COVER PLATE.
	120 V, 20 AMP, DOUBLE DUPLEX RECEPTACLE, NEMA 5-20R SURFACE MOUNT 48" AFF TO TOP OF BOX OR 6" ABOVE COUNTERTOP OR BACKSPLASH AS POSSIBLE. SINGLE COVER PLATE.
A-1 A-1	CIRCUIT HOME RUN AND CONNECTION TO DEVICE (PANEL A, CIRCUIT #1), ARROW HEADS INDICATE NUMBER OF CIRCUITS. PANEL DESIGNATION AS INDICATED. BRANCH CONDUCTORS ARE #12 AWG COPPER IN 3/4" RACEWAY MINIMUM, UNO.
	UTILITY METER
	NEC CLEARANCES FOR ELECTRICAL EQUIPMENT. MINIMUM 3' FRONT CLEARANCE OF ALL ELECTRICAL EQUIPMENT. MINIMUM 30" OR WIDTH OF ELECTRICAL EQUIPMENT. MINIMUM 6-1/2' OR HEIGHT OF ELECTRICAL EQUIPMENT.

ABBREVIATIONS

A, AMP	AMPERE
AFF	ABOVE FINISHED FLOOR
AWG	AMERICAN WIRE GAUGE
BKR	BREAKER
C	CONDUIT
CB	CIRCUIT BREAKER
CCTV	CLOSED CIRCUIT TELEVISION
CKT	CIRCUIT
CR	CONTROL RELAY
CT	CURRENT TRANSFORMER
CTB	CABLE TAP BOX
CTR	CURRENT RELAY
CU	COPPER
DDC	DIRECT DIGITAL CONTROL PANEL
DETD	DUAL ELEMENT TIME DELAY
DPS	DOOR POSITION SWITCH
EC	ELECTRICAL CONTRACTOR
ECB	ENCLOSED CIRCUIT BREAKER
EF	EXHAUST FAN
EM	EMERGENCY
ER	EXISTING TO BE RELOCATED
EWH	ELECTRIC WALL HEATER
EX	EXISTING TO REMAIN
FA	FIRE ALARM
FT	FEET
GEC	GROUND ELECTRODE CONDUCTOR
GFEP	GROUND FAULT EQUIPMENT PROTECTION CIRCUIT INTERRUPTER
GFI	GROUND FAULT INTERRUPTER
GND, G	GROUND
HP-1	HEAT PUMP
HP	HORSEPOWER
HSP	HAND STARTER WITH PILOT LIGHT
HVAC	HEATING, VENTILATION AND AIR CONDITIONING
LA	LIGHTNING ARRESTOR
IG	ISOLATED GROUND
JB	JUNCTION BOX
KVA	KILOVOLT AMPERE
KW	KILOWATT
MCB	MAIN CIRCUIT BREAKER
MLO	MAIN LUG ONLY
MM	MILLIMETER
MSBD	MAIN SWITCHBOARD
N	NEUTRAL
NEC	NATIONAL ELECTRIC CODE
NEMA	NATIONAL ELECTRICAL MANUF. ASSOC.
NL	NIGHT LIGHT
OL	OVERLOAD
PB	PUSHBUTTON MOMENTARY CONTACT SWITCH
PNL	PANEL
REC	RECESSED
RGS	RIGID GALVANIZED STEEL CONDUIT
RHC	REHEAT COIL
RTU	ROOF TOP UNIT
SUR	SURFACE
SWBD	SWITCHBOARD
TR	TAMPER RESISTANT
TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR
UL	UNDERWRITERS LABORATORIES
UNO	UNLESS NOTED OTHERWISE
V	VOLT
VS	VACANCY SENSOR
WG	WIRE GUARD
WH	WATER HEATER
WR	WEATHER RESISTANT
WP	WEATHERPROOF

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MONTGOMERY HALL PARK POOL HOUSE AND RESTROOMS

ELECTRICAL LEGEND, ABBREVIATIONS, AND GENERAL NOTES

No.	Date	Purpose of Document Issue

Designed	MHE
Drawn	JTS
Checked	MHE
Date	2/20/2026

Project No. 17678

THOMPSON & LITTON

Sheet No. E001

File Name: C:\Users\thomas_reed\Documents\16472 Gypsy Hill Park Bathroom Renovation - Elec_treedGMERN.rvt
Date/Time: 3/30/2022 9:15:52 PM

SECTION 26000 - ELECTRICAL SPECIFICATIONS

PART 1 - GENERAL 1.1

1.1. BASIC ELECTRICAL METHODS

A. DRAWINGS ARE SCHEMATIC AND DIAGRAMMATIC. USE JUDGMENT AND CARE TO INSTALL ELECTRICAL WORK TO FUNCTION PROPERLY AND FIT WITHIN BUILDING CONSTRUCTION AND FINISHES. ELECTRICAL CONDUCTORS, CONDUIT, COMPONENTS, NOT SHOWN OR SPECIFIED, WHICH ARE REQUIRED FOR ANY DEVICE OR SYSTEM TO PRODUCE A COMPLETE AND OPERATIVE SYSTEM ARE REQUIRED TO BE FURNISHED AND INSTALLED.

B. ROUTE CONDUITS AND WIRING ASSOCIATED WITH NEW EQUIPMENT AND SYSTEMS ABOVE CEILINGS AND CONCEALED WITHIN BUILDING STRUCTURE AS MUCH AS POSSIBLE.

C. PROVIDE PROPER NUMBER OF CONDUCTORS AND CONDUITS OR CABLES TO PROVIDE OPERATIVE SYSTEM AS INDICATED ON CONTRACT DOCUMENTS. DO NOT REGROUP ANY FEEDER CIRCUITS, BRANCH CIRCUITS, AND HOME RUNS AT ANY POINT, FROM THAT SHOWN ON CONTRACT DOCUMENTS.

D. NEW EQUIPMENT, SWITCHES, DEVICES, SHOWN MOUNTED ON AND/OR ADJACENT TO EQUIPMENT, WHICH IF INSTALLED, WOULD IMPAIR PROPER OPERATION OF EXISTING EQUIPMENT, SHALL BE RELOCATED AS REQUIRED SO EQUIPMENT WILL FUNCTION PROPERLY.

E. SEAL AND MAKE PERMANENTLY WATERTIGHT PENETRATIONS BY ELECTRICAL RACEWAYS OR EQUIPMENT THROUGH ROOFS, CEILINGS, WALLS OR FLOORS.

1. SEAL PENETRATIONS IN NON-FIRE RATED CEILINGS, WALLS OR FLOORS.

2. SEAL PENETRATIONS IN FIRE RATED WALLS TO MAINTAIN RATING AS DESCRIBED IN INCLUDED UL PENETRATION DETAILS, (IF APPLICABLE).

F. TIGHTEN ELECTRICAL CONNECTORS AND TERMINALS, INCLUDING SCREWS AND BOLTS, IN ACCORDANCE WITH EQUIPMENT MANUFACTURER'S PUBLISHED TORQUE TIGHTENING VALUES FOR EQUIPMENT CONNECTORS. WHERE MANUFACTURER'S TORQUING REQUIREMENTS ARE NOT INDICATED, TIGHTEN CONNECTORS AND TERMINALS TO COMPLY WITH TIGHTENING TORQUE SPECIFIED IN UL 486A, AND NFPA 70.

G. INSTALL EQUIPMENT AND MATERIALS TO PROVIDE REQUIRED MAINTENANCE AND CODE WORKING CLEARANCE FOR SERVICING AND MAINTENANCE. COORDINATE FINAL LOCATION OF CONCEALED EQUIPMENT AND DEVICES REQUIRING ACCESS WITH FINAL LOCATION OF REQUIRED ACCESS PANELS AND DOORS. ALLOW REQUIRED SPACE FOR REMOVAL OF PARTS THAT REQUIRE REPLACEMENT OR SERVICING.

1.2 QUALITY ASSURANCE

A. ELECTRICAL COMPONENTS, DEVICES, AND ACCESSORIES: LISTED AND LABELED AS DEFINED IN NFPA 70, ARTICLE 100, BY A TESTING AGENCY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.

PART 2 - PRODUCTS

2.1 GENERAL

A. ALL DEVICES, AND COMPONENTS SHALL BE SPECIFICATION GRADE PRODUCTS. SIZES, WATTAGES, AMPACITIES, AND OTHER SPECIFICS ARE INDICATED ON THE DRAWINGS OR SPECIFIED HEREIN. ALL ELECTRICAL COMPONENTS SHALL BE NEW ITEMS WHICH ARE CURRENTLY IN PRODUCTION BY THE MANUFACTURER.

2.2 RECEPTACLES

A. DUPLEX RECEPTACLES: SPECIFICATION GRADE DUPLEX RECEPTACLES, 3-WIRE GROUNDING TYPE, WIRED WITH SCREW TERMINALS, 125 VOLT, 20 AMP, NEMA 5-20R CONFIGURATION. EXPOSED FACES OF DEVICES SHALL BE WHITE IN COLOR. COVER PLATES TO BE TYPE 302 STAINLESS STEEL WITH BRUSHED FINISH. PROVIDE GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLES WITH TEST AND RESET BUTTONS ON THE EXPOSED FACE, INSTALL WHERE INDICATED ON THE DRAWINGS, AND WITHIN 6' OF A SINK OR SHOWER, NO FEED-THROUGH GFCI RECEPTACLES MAY BE USED. PROVIDE TAMPER RESISTANT RECEPTACLE WITH SHUTTER MECHANISM TO PREVENT ACCESS TO CONTACTS UNLESS A TWO-PRONG PLUG IS INSERTED. INSTALL WHERE INDICATED ON THE DRAWINGS. PROVIDE WEATHER RESISTANT RECEPTACLE THAT MEETS NEC ARTICLE 406.9 REQUIREMENTS INSTALL WHERE INDICATED ON THE DRAWINGS. WHERE INDICATED ON DRAWING, INSTALL 1-GANG WATERPROOF WHILE IN USE COVER PLATES TO RECEPTACLES .

2.3 CONDUIT

A. ALL CONDUCTORS SHALL BE RUN IN RIGID GALVANIZED STEEL (RGS), 3/4" MINIMUM SIZE, EXCEPT AS SPECIFICALLY NOTED OTHERWISE. FITTINGS FOR RGS SHALL BE STEEL SET SCREW, OR GLAND COMPRESSION TYPE. PROVIDE PULL BOXES AT NECESSARY POINT TO PREVENT INJURY TO INSULATION OR DAMAGE FROM PULLING RESISTANCE ON LONG CIRCUIT ROUTES. CONTINUOUS RUNS NOT TO EXCEED 100'.

B. RIGID GALVANIZED STEEL SHALL BE USED FOR ALL CONNECTIONS TO SURFACE MOUNTED LIGHTING FIXTURES.

C. ALL CONDUITS SHALL BE GROUNDED PER NEC AND INCLUDE AN EQUIPMENT GROUNDING CONDUCTOR.

D. PROVIDE LIQUIDTIGHT FLEXIBLE METAL CONDUIT FOR CONNECTIONS TO VIBRATING EQUIPMENT SUCH AS MOTORS OR TRANSFORMERS.

2.4 CONDUCTORS

A. ALL WIRE SHALL BE COPPER CONDUCTOR, 600 VOLT, THWN, WITH MOISTURE-RESISTANT INSULATION. SIZE ALL CONDUCTORS PER NEC, PROVIDING VOLTAGE DROP OF 3 PER CENT OR LESS. FOR ALL USES, MINIMUM WIRE SIZE SHALL BE AWG #12. WIRE SIZES LARGER THAN #10 SHALL BE STRANDED, ALL OTHERS SHALL BE SOLID. PROVIDE AMPACITY BASED ON 75 DEGREES C RATING FOR CONDUCTOR SIZES #1, AND LARGER, AND BASED ON 60 DEGREE RATING FOR CONDUCTOR SIZES SMALLER THAN #1 AWG. PROVIDE FULL RATED NEUTRAL CONDUCTORS. TYPE AC AND MC ARMORED CABLE SHALL NOT BE USED.

2.5 PANELBOARDS

A. SOURCE LIMITATIONS: FURNISH PANELBOARDS AND ASSOCIATED COMPONENTS PRODUCED BY THE SAME MANUFACTURER AS THE OTHER ELECTRICAL DISTRIBUTION EQUIPMENT USED FOR THIS PROJECT AND OBTAIN FROM A SINGLE SUPPLIER.

B. UNLESS OTHERWISE INDICATED, PROVIDE PRODUCTS SUITABLE FOR CONTINUOUS OPERATION UNDER THE ALTITUDE OF LESS THAN 6,600 FEET, AND THE AMBIENT TEMPERATURE BETWEEN 23 DEGREES F AND 104 DEGREES F.

C. PROVIDE PANELBOARD WITH LISTED SHORT CIRCUIT RATING AS INDICATED ON THE DRAWINGS.

D. CONFIGURE MAINS FOR TOP OR BOTTOM INCOMING FEED AS INDICATED OR AS REQUIRED FOR THE INSTALLATION.

E. BRANCH OVERCURRENT PROTECTIVE DEVICES: REPLACEABLE WITHOUT DISTURBING ADJACENT DEVICES.

F. BUSSING: SIZED IN ACCORDANCE WITH UL 67 TEMPERATURE RISE REQUIREMENTS.

1. PROVIDE FULLY RATED NEUTRAL BUS WITH A SUITABLE LUG FOR EACH FEEDER OR BRANCH CIRCUIT REQUIRING A NEUTRAL CONNECTION.

2. PROVIDE 200 PERCENT RATED NEUTRAL BUS AND LUGS WHERE INDICATED, WHERE OVERSIZED NEUTRAL CONDUCTORS ARE PROVIDED, OR WHERE PANELBOARDS ARE FED FROM TRANSFORMERS.

3. PROVIDE SOLIDLY BONDED EQUIPMENT GROUND BUS IN EACH PANELBOARD, WITH A SUITABLE LUG FOR EACH FEEDER AND BRANCH CIRCUIT EQUIPMENT GROUNDING CONDUCTOR.

G. CONDUCTOR TERMINATIONS: SUITABLE FOR USE WITH THE CONDUCTORS TO BE INSTALLED.

H. ENCLOSURES: COMPLY WITH NEMA 250, AND LIST AND LABEL AS COMPLYING WITH UL 50 AND UL 50E.

1. ENVIRONMENT TYPE PER NEMA 250: UNLESS OTHERWISE INDICATED, AS SPECIFIED FOR THE FOLLOWING INSTALLATION LOCATIONS:

a. INDOOR DAMP/WET LOCATIONS: TYPE 3R

b. INDOOR DAMP/WET CORROSIVE LOCATIONS: TYPE 4X

2. BOXES: GALVANIZED STEEL UNLESS OTHERWISE INDICATED.

a. PROVIDE WIRE GUTTERS SIZED TO ACCOMMODATE THE CONDUCTORS TO BE INSTALLED.

b. INCREASE GUTTER SPACE AS REQUIRED WHERE SUB-FEED LUGS, FEED-THROUGH LUGS, GUTTER TAPS, OR OVERSIZED LUGS ARE PROVIDED.

c. PROVIDE REMOVABLE END WALLS FOR NEMA TYPE 3R AND 4X ENCLOSURES.

3. FRONTS:

a. FRONTS FOR SURFACE-MOUNTED ENCLOSURES: SAME DIMENSIONS AS BOXES.

4. LOCKABLE DOORS: ALL LOCKS KEYED ALIKE UNLESS OTHERWISE INDICATED.

I. FUTURE PROVISIONS: PREPARE ALL UNUSED SPACES FOR FUTURE INSTALLATION OF DEVICES INCLUDING BUSSING, CONNECTORS, MOUNTING HARDWARE, AND ALL OTHER REQUIRED PROVISIONS.

J. PROVIDE PANELBOARD COMPLYING WITH NEMA PB 1, LIGHTING AND APPLIANCE BRANCH CIRCUIT TYPE,CIRCUIT BREAKER TYPE, AND LISTED AND LABELED AS COMPLYING WITH UL 67; RATINGS, CONFIGURATIONS AND FEATURES AS INDICATED ON THE DRAWINGS.

K. CONDUCTOR TERMINATIONS:

1. MAIN AND NEUTRAL LUG MATERIAL: ALUMINUM, SUITABLE FOR TERMINATING ALUMINUM OR COPPER CONDUCTORS.

2. MAIN AND NEUTRAL LUG TYPE: MECHANICAL.

L. BUSSING:

1. PHASE BUS CONNECTIONS: ARRANGED FOR SEQUENTIAL PHASING OF OVERCURRENT PROTECTIVE DEVICES.

2. PHASE AND NEUTRAL BUS MATERIAL: ALUMINUM.

3. GROUND BUS MATERIAL: ALUMINUM.

M. CIRCUIT BREAKERS: THERMAL MAGNETIC BOLT-ON TYPE.

N. ENCLOSURES:

1. PROVIDE SURFACE MOUNTED ENCLOSURE AS INDICATED.

2. FRONTS: PROVIDE DOOR-IN-DOOR TRIM WITH HINGED COVER FOR ACCESS TO LOAD TERMINALS AND WIRING GUTTERS, AND SEPARATE LOCKABLE HINGED DOOR WITH CONCEALED HINGES FOR ACCESS TO OVERCURRENT PROTECTIVE DEVICE HANDLES WITHOUT EXPOSING LIVE PARTS.

3. PROVIDE CLEAR PLASTIC CIRCUIT DIRECTORY HOLDER MOUNTED ON INSIDE OF DOOR.

2.6 LIGHTING CONTROL

A. LIGHTING SWITCHES - 120/277 VOLT AC, 20AMP, SPECIFICATION GRADE, SPST, THREE-WAY AS SHOWN.

B. VACANCY SENSORS:

1. MANUAL ON AND AUTOMATIC/MANUAL OFF.

2. DUAL TECHNOLOGY - ULTRASONIC AND PASSIVE INFRARED.

3. ADJUSTABLE TIME DELAY UP TO 30 MINUTES. FIELD ADJUSTABLE SENSITIVITY. RATED FOR LOADS INDICATED. INITIALLY SET FOR 10 MINUTES UNLESS OTHERWISE DIRECTED BY OWNER.

4. PROVIDE ADDITIONAL SENSORS AS REQUIRED BY PROVIDED MANUFACTURER'S REQUIREMENTS.

5. WALL SENSOR/SWITCH: MANUAL WALL SWITCH WITH BUILT IN VACANCY SENSOR. FIELD ADJUSTABLE TIME DELAY. 180 DEGREES COVERAGE. PROVIDE COVERAGE AS REQUIRED FOR COMPLETE SYSTEM. EXPOSED FACES OF DEVICES SHALL BE WHITE IN COLOR. COVER PLATES TO BE TYPE 302 STAINLESS STEEL WITH BRUSHED FINISH.

6. CEILING SENSORS: LOW PROFILE, WHITE FINISH, 360 DEGREES COVERAGE, MASKING SHIELDS AS REQUIRED FOR COVERAGE.

C. OCCUPANCY SENSORS:

1. MANUAL/AUTOMATIC ON AND MANUAL/AUTOMATIC OFF.

2. DUAL TECHNOLOGY - ULTRASONIC AND PASSIVE INFRARED.

3. ADJUSTABLE TIME DELAY UP TO 30 MINUTES. FIELD ADJUSTABLE SENSITIVITY. RATED FOR LOADS INDICATED. INITIALLY SET FOR 10 MINUTES UNLESS OTHERWISE DIRECTED BY OWNER.

4. PROVIDE ADDITIONAL SENSORS AS REQUIRED BY PROVIDED MANUFACTURER'S REQUIREMENTS.

5. WALL SENSOR/SWITCH: MANUAL WALL SWITCH WITH BUILT IN OCCUPANCY SENSOR. FIELD ADJUSTABLE TIME DELAY. 180 DEGREES COVERAGE. PROVIDE COVERAGE AS REQUIRED FOR COMPLETE SYSTEM. EXPOSED FACES OF DEVICES SHALL BE WHITE IN COLOR. COVER PLATES TO BE TYPE 302 STAINLESS STEEL WITH BRUSHED FINISH.

6. CEILING SENSORS: LOW PROFILE, WHITE FINISH, 360 DEGREES COVERAGE, MASKING SHIELDS AS REQUIRED FOR COVERAGE.

2.7 LIGHTING FIXTURES

A. FIXTURE SHALL BE SPECIFICATION GRADE. EQUIVALENT IN FORM AND FUNCTION TO THE LIGHT FIXTURE SCHEDULE.

B. FIXTURES SHALL BE UL LISTED DAMP OR WET LOCATION AS REQUIRED FOR THE AREA SERVED.

C. FIXTURES SHALL BE SECURELY MOUNTED, LEVEL, AND SQUARED TO THE ROOM'S ORIENTATION.

2.7 ELECTRICAL IDENTIFICATION

A. PROVIDE PLASTIC NAMEPLATES AT ALL NEW PANELBOARDS WHERE CIRCUITS ARE MODIFIED (IF NOT ALREADY PRESENT), AND AT ALL DISCONNECTS. NAMEPLATES SHALL BE THREE-LAYER LAMINATED PLASTIC, WHITE LETTERS ENGRAVED INTO A BLACK BACKGROUND, WITH 1/4"HIGH LETTERS. FOR DISCONNECTS, IDENTIFY EQUIPMENT SERVED, INCLUDING VOLTAGE RATINGS. FOR PANELBOARDS, IDENTIFY PANELBOARD, VOLTAGE, NUMBER OF PHASES, AND THE DISTRIBUTION PANELBOARD WHICH PROVIDES THE POWER FEED.

B. PROVIDE NEATLY TYPED CIRCUIT BREAKER DIRECTORY IN ALL PANELBOARDS, INCLUDING NEW PANELBOARDS WITH CIRCUITS MODIFIED AS PART OF THIS WORK. DIRECTORY SHALL SHOW THE CIRCUIT NUMBER AND COMPLETE DESCRIPTION OF ALL COMPONENTS ON ALL CIRCUITS, INCLUDING ROOM NUMBERS OR ROOM NAMES WHERE COMPONENTS ARE LOCATED, AS APPROVED BY THE OWNER.

C. PROVIDE WIRE MARKERS ON EACH CONDUCTOR IN PANELBOARDS, PULL BOXES, OUTLET BOXES, JUNCTION BOXES, AND AT LOAD CONNECTION. IDENTIFY WIRE WITH BRANCH CIRCUIT OR FEEDER NUMBER FOR POWER AND LIGHTING CIRCUITS, AND WITH CONTROL WIRE NUMBER FOR EQUIPMENT, AS IDENTIFIED ON EQUIPMENT MANUFACTURER'S SHOP DRAWINGS FOR CONTROL WIRING.

D. LABEL ALL RECEPTACLES THAT HAVE GROUND FAULT CIRCUIT INTERRUPTER PROTECTION.

E. LABEL ALL RECEPTACLES COVER PLATES ON THE BACK FACE WITH A PERMANENT MACHINE-PRINTED LABEL, INDICATING THE PANELBOARD AND CIRCUIT NUMBER WHICH SERVES THE RECEPTACLE.

2.8 OTHER MATERIALS

A. PROVIDE OTHER MATERIALS AND MISCELLANEOUS COMPONENTS, NOT SPECIFICALLY DESCRIBED BUT REQUIRED FOR A COMPLETE AND PROPER INSTALLATION, AS SELECTED BY THE CONTRACTOR SUBJECT TO THE APPROVAL OF THE A/E.

PART 3 - EXECUTION

3.1 INSTALLATION - GROUNDING AND BONDING

A. PROVIDE BONDING AND GROUNDING IN CONFORMANCE WITH NFPA 70.

B. EQUIPMENT GROUNDING CONDUCTOR: PROVIDE SEPARATE, INSULATED CONDUCTOR WITHIN EACH FEEDER AND BRANCH CIRCUIT RACEWAY. TERMINATE EACH END ON SUITABLE LUG, BUS, OR BUSHING.

3.2 INSTALLATION - HANGERS AND SUPPORTS

A. INSTALL PRODUCTS IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED INSTRUCTIONS.

B. DO NOT FASTEN SUPPORTS TO PIPES, DUCTS, MECHANICAL EQUIPMENT, AND CONDUIT.

C. DO NOT USE SPRING STEEL CLIPS AND CLAMPS.

D. DO NOT USE POWDER-ACTUATED ANCHORS.

E. FABRICATE SUPPORTS FROM STRUCTURAL STEEL ANGLE OR STRUCTURAL STEEL CHANNEL. RIGIDLY WELD MEMBERS OR USE HEXAGON HEAD BOLTS TO PRESENT NEAT APPEARANCE WITH ADEQUATE STRENGTH AND RIGIDITY. USE SPRING LOCK WASHERS UNDER ALL NUTS.

3.3 INSTALLATION - CONDUCTORS AND CABLES:

A. WIRING METHODS:

1. MINIMUM RACEWAY SIZE IS 3/4" DIAMETER.

2. IDENTIFY WIRE AND CABLE USING VINYL MARKERS..

3. ROUTE CONDUITS TO REACH THEIR DESTINATION IN A NEAT AND ORDERLY MANNER.

B. USE STRANDED COPPER CONDUCTORS FOR CONTROL CIRCUITS AND FINAL CONNECTIONS TO ALL VIBRATION EQUIPMENT.

C. PULL ALL CONDUCTORS INTO RACEWAY AT SAME TIME.

D. USE APPROVED WIRE PULLING LUBRICANT FOR ALL BUILDING WIRE.

E. PROTECT EXPOSED CABLE FROM DAMAGE.

F. NEATLY TRAIN AND LACE WIRING INSIDE BOXES, EQUIPMENT, AND PANELBOARDS.

G. CLEAN CONDUCTOR SURFACES BEFORE INSTALLING LUGS AND CONNECTORS.

H. MAKE SPLICES, TAPS, AND TERMINATIONS TO CARRY FULL AMPACITY OF CONDUCTORS WITH NO PERCEPTABLE TEMPERATURE RISE.

I. USE SOLDERLESS PRESSURE COMPRESSION CONNECTORS WITH INSULATING COVERS FOR COPPER CONDUCTOR SPLICES AND TAPS 8 AWG AND SMALLER.

J. USE CONDUCTORS RATED 90 DEGREES C. INSIDE A BALLAST COMPARTMENT OR WITHIN 6 INCHES OF ANY BALLAST.

K. CONDUCTOR SIZES 8 AWG AND LARGER: CLASS B STRANDING.

3.4 INSTALLATION - RACEWAYS AND BOXES

A. CONDUIT ROUTING INDICATED ON DRAWINGS ARE APPROXIMATE LOCATIONS UNLESS DIMENSIONED. ROUTE PARALLEL AND PERPENDICULAR TO BUILDING CONSTRUCTION FOR COMPLETE WIRING SYSTEM REGARDLESS WHETHER EXPOSED OR CONCEALED.

B. ARRANGE SUPPORTS TO PREVENT MISALIGNMENT DURING WIRING INSTALLATION.

C. GROUP RELATED CONDUITS: SUPPORT USING CONDUIT RACK. CONSTRUCT RACK USING APPROVED STEEL CHANNEL. PROVIDE SPACE ON EACH FOR 25% ADDITIONAL CONDUITS.

D. FASTEN CONDUIT SUPPORTS TO BUILDING STRUCTURE AND SURFACES UNDER PROVISIONS OF THIS SECTION.

E. DO NOT SUPPORT CONDUIT WITH WIRE OR PERFORATED PIPE STRAPS IN ANY TYPE STRUCTURE. REMOVE WIRE USED FOR TEMPORARY SUPPORTS. STEEL TIE WIRE MAY BE USED TO ANCHOR CONDUIT DOWN TO REINFORCING RODS IN CONCRETE ENCASEMENT ONLY.

F. ARRANGE CONDUIT TO MAINTAIN HEADROOM AND PRESENT NEAT APPEARANCE.

G. ROUTE ALL CONDUIT WHETHER EXPOSED OR CONCEALED PARALLEL AND PERPENDICULAR TO WALLS, CEILINGS, BUILDING STRUCTURES, ETC.

H. MAINTAIN REQUIRED CLEARANCE BETWEEN CONDUIT AND PIPING.

I. MAINTAIN 12 INCH CLEARANCE BETWEEN CONDUIT AND SURFACES WITH TEMPERATURES EXCEEDING 104 DEGREES F.

J. BRING CONDUIT TO SHOULDER OF FITTINGS; FASTEN SECURELY.

K. USE CONDUIT HUBS OR SEALING LOCKNUTS TO FASTEN CONDUIT TO SHEET METAL BOXES IN DAMP AND WET LOCATIONS AND TO CAST BOXES.

L. INSTALL NO MORE THAN EQUIVALENT OF THREE 90 DEGREE BENDS BETWEEN BOXES. USE CONDUIT BODIES TO MAKE SHARP CHANGES IN DIRECTION, AS AROUND BEAMS.

M. AVOID MOISTURE TRAPS; PROVIDE JUNCTION BOX WITH DRAIN FITTING AT LOW POINTS IN CONDUIT SYSTEM.

N. PROVIDE SUITABLE FITTINGS TO ACCOMMODATE EXPANSION AND DEFLECTION WHERE CONDUIT CROSSES CONTROL AND EXPANSION JOINTS.

O. PROVIDE SUITABLE NYLON PULL STRING OR 14 AWG STEEL WIRE IN EACH CONDUIT EXCEPT SLEEVES AND NIPPLES.

P. USE SUITABLE CAPS TO PROTECT INSTALLED CONDUIT AGAINST ENTRANCE OF DIRT AND MOISTURE.

Q. GROUND AND BOND CONDUIT PER NFPA 70.

R. COAT ALL METALLIC CONDUIT MALE EXPOSED THREADS WITH "GENERAL ELECTRIC RTV SILICONE SEALER WHERE CONDUIT IS INSTALLED IN EXTERIOR AREAS OR IN CONTACT WITH CONCRETE OR EARTH.

S. INSTALL ALL ABOVE GRADE FEEDERS IN RIGID GALVANIZED STEEL (RGS) CONDUIT.

T. CONDUITS SIZED AS INDICATED ON DRAWINGS. WHERE SIZE NOT INDICATED, SIZE PER NFPA 70.

U. CAP ALL UPTURNED CONDUITS DURING CONSTRUCTION ROUGH-IN TO PREVENT MOISTURE OR DEBRIS FROM ENTERING. PULL THROUGH EACH AND EVERY CONDUIT A DRY SWAB OF SUFFICIENT SIZE TO REMOVE ANY AND ALL MOISTURE.

V. MAXIMUM 6 FOOT LENGTH FLEXIBLE METAL CONDUIT (GREENFIELD), OR FLEXIBLE LIQUIDTITE PERMITTED.

W. ASSURE GROUND CONTINUITY ON ALL BRANCH CIRCUIT CONDUITS WITH TWO LOCKNUTS, ONE INSIDE AND ONE OUTSIDE OF ALL BOXES, CABINETS AND GUTTERS FOR RIGID CONDUIT.

X. MOUNT LIGHT FIXTURES TO BUILDING STRUCTURE. DO NOT SUPPORT FROM ANY CEILING GRIDS.

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MONTGOMERY HALL PARK POOL HOUSE AND RESTROOMS

ELECTRICAL SPECIFICATIONS

No.	Date	Purpose of Document Issue

Designed	MHE
Drawn	JTS
Checked	MHE
Date	2/20/2026

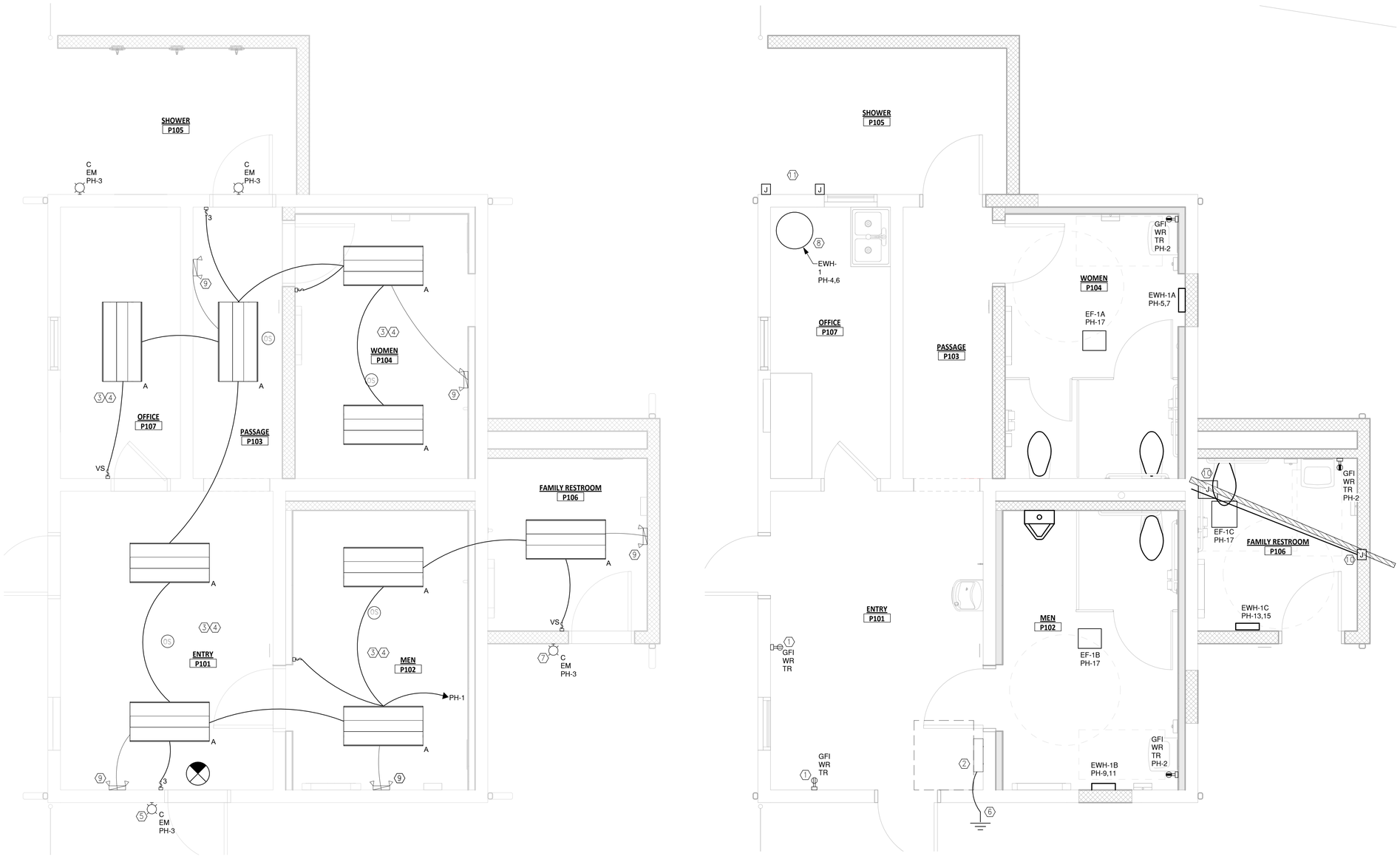
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LIGHTING PLAN - POOL HOUSE

3/8" = 1'-0"

PLAN NORTH

SHEET KEYED NOTES:

1. DISCONNECT AND REMOVE EXISTING RECEPTACLES INDICATED. EXISTING CIRCUITRY SHALL REMAIN. REPLACE RECEPTACLES IN EXISTING LOCATIONS INDICATED.
2. DISCONNECT AND REMOVE EXISTING PANELBOARD. REPLACE PANELBOARD AS INDICATED AND CONNECT TO EXISTING INCOMING FEEDERS. SEE SHEET E701 FOR PANEL SCHEDULE. PANELBOARD IS FED FROM MDP LOCATED IN THE BASEMENT FLOOR OF THE IRENE GIVENS ADMINISTRATION BUILDING.
3. DISCONNECT AND REMOVE ALL EXISTING LIGHTING FIXTURES AND ASSOCIATED CIRCUITRY (NOT SHOWN FOR CLARITY) THROUGHOUT ROOM. CIRCUIT NEW LIGHTING FIXTURES AS INDICATED.
4. DISCONNECT AND REMOVE ALL EXISTING LIGHTING CONTROLS AND ASSOCIATED CIRCUITRY (NOT SHOWN FOR CLARITY) THROUGHOUT THIS ROOM. CONNECT NEW LIGHTING CONTROLS AS INDICATED.
5. DISCONNECT EXISTING EXTERIOR LIGHT FIXTURE AND ALL ASSOCIATED CIRCUITRY. REPLACE WITH NEW EXTERIOR LIGHT FIXTURE INDICATED WITH NEW CIRCUITRY. LIGHT FIXTURE SHALL BE CIRCUITED AS INDICATED.
6. PROVIDE 3/4" X 10' COPPER CLAD GROUND ROD AND CONNECT TO NEW PANEL BOARD GROUND BUS WITH 1#8 COPPER WIRE. INSTALL GROUND WIRE IN PVC SCH 80 CONDUIT TO BELOW GRADE FOR PHYSICAL PROTECTION.
7. EXTERIOR LIGHT FIXTURE SHALL BE MOUNTED AT 7'-0" AFF.
8. EXISTING WATER HEATER AND ASSOCIATED CIRCUITRY TO BE DISCONNECTED AND REMOVED. NEW WATER HEATER SHALL BE INSTALLED IN SAME LOCATION AND NEW CIRCUITRY EXTENDED FROM PANEL.
9. MOUNT FIXTURE 8'-0" AFF
10. DEMOLISH EXISTING UNDERGROUND ELECTRICAL CIRCUITS AND EXTERIOR BOX AT THIS LOCATION. INTERCEPT EXISTING UNDERGROUND CIRCUIT AT NEW EXTERIOR WALL AND ROUTE OVERHEAD TO SPLICE AT POINT OF DEMOLITION. VERIFY SIZES, LOCATIONS AND ROUTING OF CIRCUITS REQUIRED. COORDINATE WITH OTHER TRADES AS REQUIRED TO AVOID INTERFERENCE. PROVIDE ACCESS JUNCTION BOXES WHERE REQUIRED DO TO CONNECTIONS.
11. EXISTING EXTERIOR CONDUIT AND BOXES SCHEDULED TO REMAIN IN THIS LOCATION. COORDINATE WITH OTHER TRADES TO VERIFY THAT CONDUIT WILL NOT INTERFERE WITH SCHEDULED NEW WORK.

POWER PLAN - POOL HOUSE

3/8" = 1'-0"

PLAN NORTH

SHEET GENERAL NOTES:

1. CERTAIN EXISTING TO REMAIN HOMERUNS ARE NOT CURRENTLY SHOWN ON EXISTING PANEL SCHEDULE. CONTRACTOR SHALL FIELD VERIFY WITH OWNER IF ANY CIRCUITS ARE SCHEDULED TO REMAIN PRIOR TO REMOVAL. PROVIDE CONNECTION AND BREAKER IN NEW REPLACEMENT PANEL MATCHING MANUFACTURER, TYPE, AND RATING OF NEW PANELBOARD AND UPDATE PANEL SCHEDULE WITH LOAD, LOCATION, AND DESCRIPTION.
2. CONNECT ALL EXIT SIGNS TO UNSWITCHED PORTION OF NEAREST LIGHTING CIRCUIT.
3. SEE SHEET E701 FOR LIGHT FIXTURE SCHEDULE AND PANEL SCHEDULES.

0 6" 1' 2'

SCALE: 3/8" = 1'-0"

COMMONWEALTH OF VIRGINIA
MICHAEL HUGH ELDER JR.
Lic No. 031140
2/20/26
PROFESSIONAL ENGINEER

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
MONTGOMERY HALL PARK POOL HOUSE AND RESTROOMS

POOL HOUSE LIGHTING AND POWER PLANS

No.	Date	Purpose of Document Issue
1		

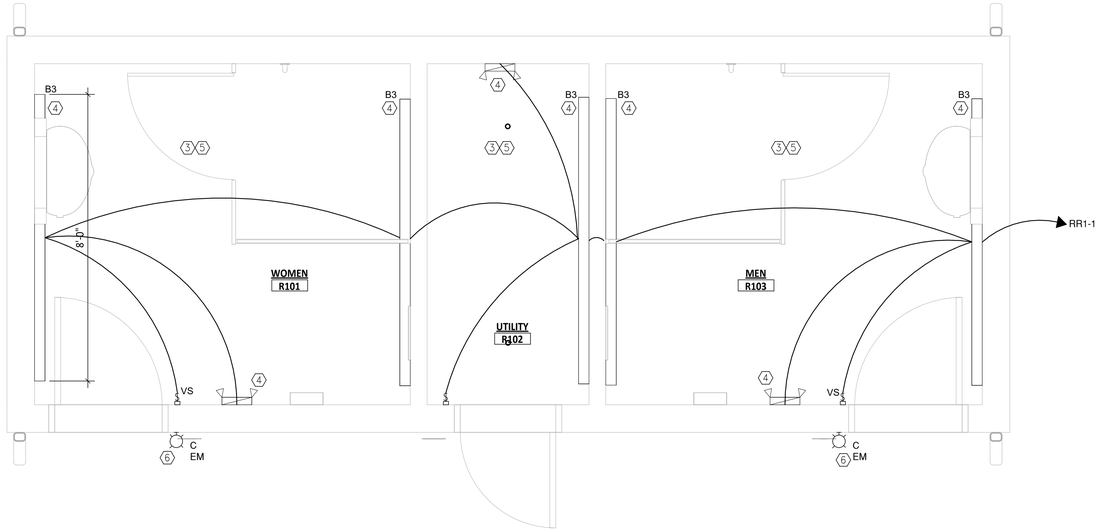
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Checked	MHE
Date	2/20/2026

Project No.
17678

THOMPSON & LITTON

Sheet No.
E101

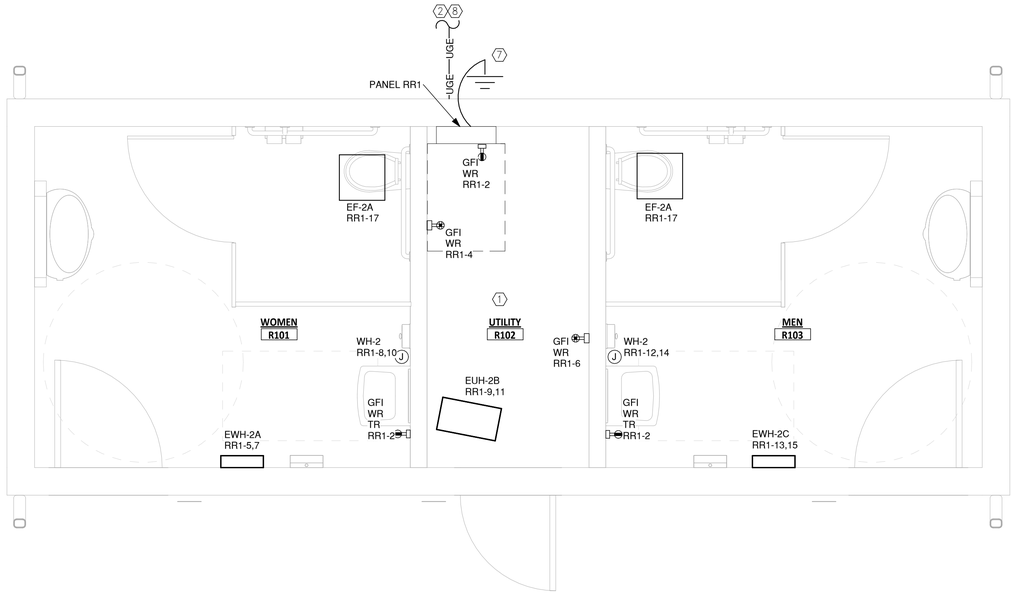
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LIGHTING PLAN - RESTROOM 1

1/2" = 1'-0"

PLAN NORTH



POWER PLAN - RESTROOM 1

1/2" = 1'-0"

PLAN NORTH

SHEET KEYED NOTES:

1. DISCONNECT AND REMOVE ALL EXISTING RECEPTACLES AND ASSOCIATED CIRCUITRY (NOT SHOWN FOR CLARITY) THROUGHOUT THIS ROOM.
2. DISCONNECT AND REMOVE EXISTING INCOMING FEEDERS, PANELBOARD, AND ASSOCIATED BRANCH CIRCUITRY. THE EXISTING BREAKER AND INCOMING FEEDERS FROM PANELBOARD LOCATED IN THE BASEMENT FLOOR OF THE IRENE GIVENS ADMINISTRATION BUILDING SHALL BE REPLACED WITH A 150AMP, 240VOLT, 1-PHASE BREAKER CONNECTING WITH 3#1/0 CU, 1#6 CU GND, AND 1 1/2" C. CIRCUIT NEW PANELBOARD AS INDICATED AND CONNECT TO NEW INCOMING FEEDERS.
3. DISCONNECT AND REMOVE ALL EXISTING LIGHTING FIXTURES AND ASSOCIATED CIRCUITRY (NOT SHOWN FOR CLARITY) THROUGHOUT ROOM. CIRCUIT NEW LIGHTING FIXTURES AS INDICATED.
4. MOUNT FIXTURES INDICATED AT THE HEIGHT OF 8'-0" AFF.
5. DISCONNECT AND REMOVE ALL EXISTING LIGHTING CONTROLS AND ASSOCIATED CIRCUITRY (NOT SHOWN FOR CLARITY) THROUGHOUT THIS ROOM. CONNECT NEW LIGHTING CONTROLS AS INDICATED.
6. EXTERIOR LIGHT FIXTURES SHALL BE CIRCUITED TO PANEL RR1-3.
7. PROVIDE 3/4" X 10' COPPER CLAD GROUND ROD AND CONNECT TO NEW PANEL BOARD GROUND BUS WITH 1 #8 COPPER WIRE. INSTALL GROUND WIRE IN PVC SCH 80 CONDUIT TO BELOW GRADE FOR PHYSICAL PROTECTION.
8. UNDERGROUND ELECTRIC CIRCUIT TO IRENE ADMINISTRATION BUILDING APPROXIMATELY 160'. VERIFY ROUTING AND REQUIREMENTS PRIOR TO BID.

SHEET GENERAL NOTES:

1. CERTAIN EXISTING HOMERUNS ARE NOT CURRENTLY SHOWN ON EXISTING PANEL SCHEDULE. CONTRACTOR SHALL FIELD VERIFY WITH OWNER IF ANY CIRCUITS ARE SCHEDULED TO REMAIN PRIOR TO REMOVAL. PROVIDE CONNECTION AND BREAKER IN NEW REPLACEMENT PANEL MATCHING MANUFACTURER, TYPE, AND RATING OF NEW PANELBOARD AND UPDATE PANEL SCHEDULE WITH LOAD, LOCATION, AND DESCRIPTION.
2. SEE SHEET E701 FOR LIGHT FIXTURE SCHEDULE AND PANEL SCHEDULES.

0 1' 2' 4'

SCALE: 1/2" = 1'-0"

COMMONWEALTH OF VIRGINIA
MICHAEL HUGH ELDER JR.
Lic No. 031140
2/20/26
PROFESSIONAL ENGINEER

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
MONTGOMERY HALL PARK POOL HOUSE AND RESTROOMS

RESTROOM 1 LIGHTING AND POWER PLANS

No.	Date	Purpose of Document Issue
1		

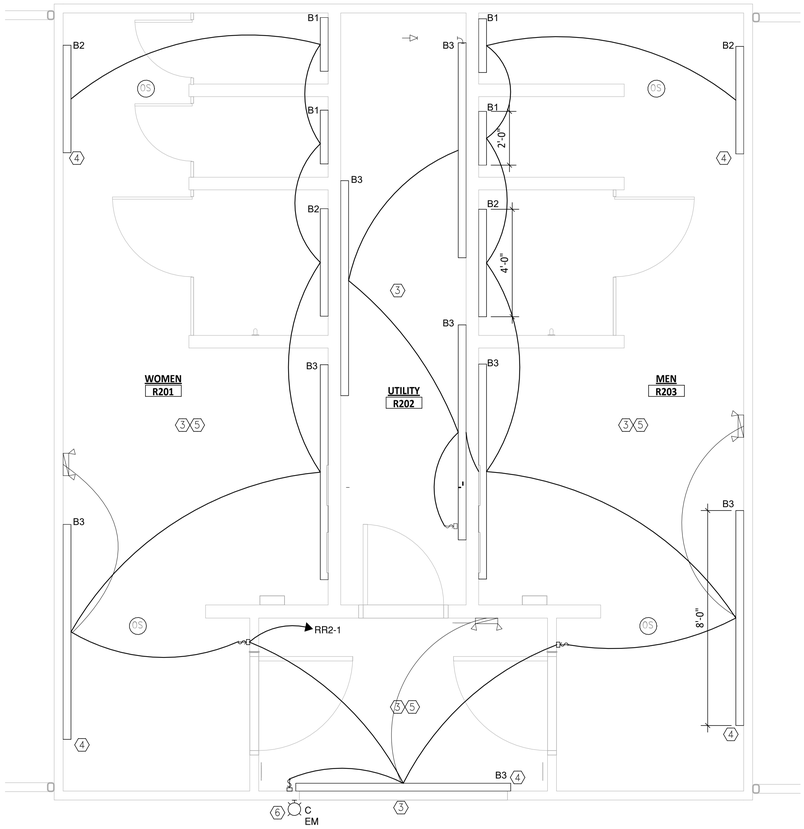
Designed	MHE
Drawn	JTS
Checked	MHE
Date	2/20/2026

Project No.
17678

THOMPSON & LITTON

Sheet No.
E102

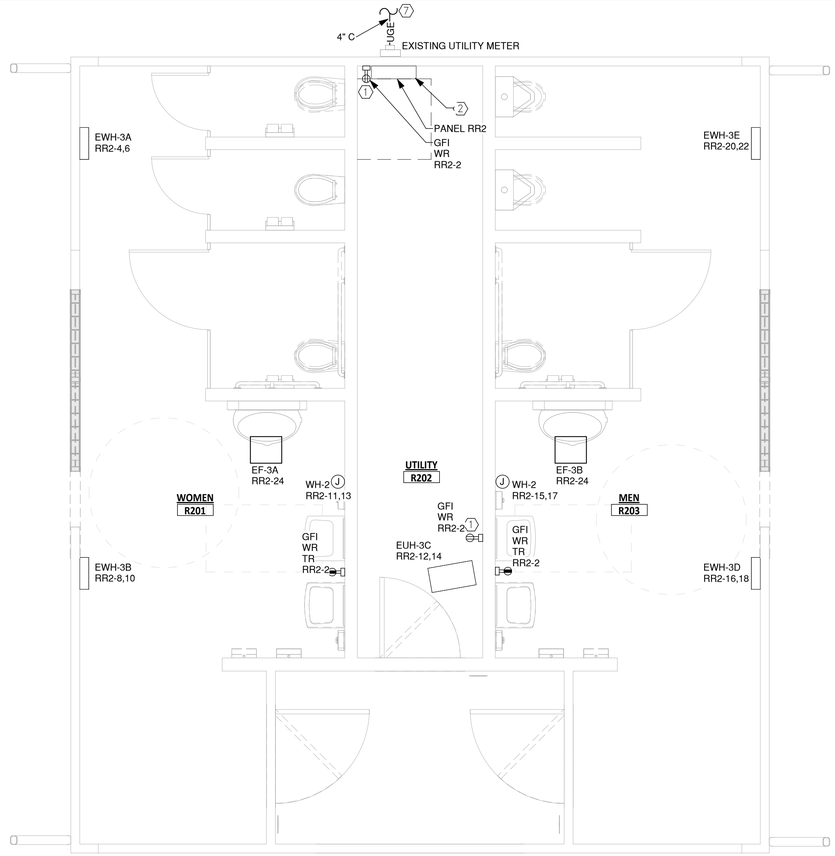
Date/Time: 3/11/2026 2:48:11 PM File Name: C:\Users\david_buchanan\Documents\17678 MHP Pool House - Elec_dbuchananWNY5C.rvt



LIGHTING PLAN - RESTROOM 2

3/8" = 1'-0"

PLAN NORTH



POWER PLAN - RESTROOM 2

3/8" = 1'-0"

PLAN NORTH

SHEET KEYED NOTES:

1. DISCONNECT AND REMOVE EXISTING RECEPTACLE. REPLACE RECEPTACLE AS INDICATED IN EXISTING LOCATION USING EXISTING CIRCUITRY.
2. DISCONNECT AND REMOVE EXISTING SERVICE PANELBOARD. REPLACE SERVICE PANELBOARD AS INDICATED AND CONNECT TO EXISTING INCOMING FEEDERS. CERTAIN EXISTING CIRCUITRY AND HOMERUNS TO REMAIN FOR RECONNECTION TO NEW PANELBOARD UNLESS NOTED OTHERWISE. SEE SHEET E701 FOR PANEL SCHEDULE.
3. DISCONNECT AND REMOVE ALL EXISTING LIGHTING FIXTURES AND ASSOCIATED CIRCUITRY (NOT SHOWN FOR CLARITY) THROUGHOUT THE INTERIOR AND EXTERIOR OF THE BUILDING. CIRCUIT NEW LIGHTING FIXTURES AS INDICATED.
4. MOUNT FIXTURES INDICATED AT THE HEIGHT OF 8'-0" AFF.
5. DISCONNECT AND REMOVE ALL EXISTING LIGHTING CONTROLS AND ASSOCIATED CIRCUITRY (NOT SHOWN FOR CLARITY) THROUGHOUT THIS ROOM. CONNECT NEW LIGHTING CONTROLS AS INDICATED.
6. EXTERIOR LIGHT FIXTURES SHALL BE CIRCUITED TO PANEL RR2-3.
7. NEW SERVICE CONDUCTORS PER DOMINION ENERGY. 4" CONDUIT FROM UTILITY TRANSFORMER AT EXISTING UTILITY POLE.
8. MOUNT FIXTURE 8'-0" AFF

SHEET GENERAL NOTES:

1. CONTRACTOR SHALL FIELD VERIFY WITH OWNER EXISTING BRANCH CIRCUITS SCHEDULED TO REMAIN PRIOR TO DEMOLITION AND PROVIDE CONNECTION AND BREAKER IN NEW REPLACEMENT SERVICE PANEL MATCHING MANUFACTURER, TYPE, AND RATING OF NEW PANELBOARD.
2. SEE SHEET E701 FOR LIGHT FIXTURE SCHEDULE AND PANEL SCHEDULE.

0 6" 1' 2'

SCALE: 3/8" = 1'-0"

COMMONWEALTH OF VIRGINIA
MICHAEL HUGH ELDER JR.
Lic No. 031140
2/20/2026
PROFESSIONAL ENGINEER

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
MONTGOMERY HALL PARK POOL HOUSE AND RESTROOMS

RESTROOM 2 LIGHTING AND POWER PLANS

No.	Date	Purpose of Document Issue

Designed	MHE
Drawn	JTS
Checked	MHE
Date	2/20/2026

Project No.
17678

THOMPSON & LITTON

Sheet No.
E103

Date/Time: 3/11/2026 2:48:12 PM File Name: C:\Users\david_buchanan\Documents\17678 MHP Pool House - Elec_dbuchananWNY5C.rvt

POOL HOUSE - SHEET E101

PANEL PH

VOLTAGE: 240 /120 | PHASE: 1 | WIRE: 3 | BUS 100 | AMPS: | [ ] MLO | [X] 100 MCB | [X] SURFACE MOUNTED | [ ] FLUSH MOUNTED | NEMA ENCL.: 3R | AIC RATING: 10,000

LOAD DESCRIPTION	CONNECTED LOAD (KVA) A	B	*	WIRE SIZE	CIRCUIT BREAKER TRIP	P	NO	NO	P	TRIP	WIRE SIZE	*	CONNECTED LOAD (KVA) A	B	LOAD DESCRIPTION
LTG - BUILDING	0.36	----		12	20	1	1	2	1	20	12		0.54	----	RECEPT - RESTROOMS
LTG - OUTDOOR/SHOWERS	----	0.02		12	20	1	3	4	2	30	10		----	2.25	WH-1
EWH-1A	1.00	----		12	20	2	5	6					2.25	----	
	----	1.00					7	8	1	20	12		----		SPARE
EWH-1B	1.00	----		12	20	2	9	10	1	20	12			----	SPARE
	----	1.00					11	12	1	20	12		----		SPARE
EWH-1C	1.00	----		12	20	2	13	14	1					----	PROVISIONED SPACE
	----	1.00					15	16	1				----		PROVISIONED SPACE
EF-1A,1B,1C	0.01	----		12	20	1	17	18	1					----	PROVISIONED SPACE
SPARE	----				20	1	19	20	1				----		PROVISIONED SPACE
SPARE		----			20	1	21	22	1					----	PROVISIONED SPACE
SPARE	----				20	1	23	24	1				----		PROVISIONED SPACE
PROVISIONED SPACE		----				1	25	26	1					----	PROVISIONED SPACE
PROVISIONED SPACE	----					1	27	28	1				----		PROVISIONED SPACE
PROVISIONED SPACE		----				1	29	30	1					----	PROVISIONED SPACE
LEFT SUB-TOTAL	3.36	3.00													TOTAL PANEL LOAD
RIGHT SUB-TOTAL	2.79	2.25													CONNECTED / DEMAND
PER PHASE TOTAL	6.15	5.25													KVA 11.4 / 11
PANEL TOTAL		11.40													AMPS 47.5 / 48

* NOTES: (E = EXST TO REMAIN UNO, G = GFI, L = LOCKABLE, S = SHUNT TRIP)

1. EXISTING CIRCUITRY AND HOMERUNS TO REMAIN FOR RECONNECTION TO NEW PANELBOARD.

RESTROOM 1 - SHEET E102

PANEL RR1

VOLTAGE: 240 /120 | PHASE: 1 | WIRE: 3 | BUS 150 | AMPS: | [ ] MLO | [X] 150 MCB | [X] SURFACE MOUNTED | [ ] FLUSH MOUNTED | NEMA ENCL.: 3R | AIC RATING: 22,000

LOAD DESCRIPTION	CONNECTED LOAD (KVA) A	B	*	WIRE SIZE	CIRCUIT BREAKER TRIP	P	NO	NO	P	TRIP	WIRE SIZE	*	CONNECTED LOAD (KVA) A	B	LOAD DESCRIPTION
LTG - RESTROOMS & CHASE	0.27	----		12	20	1	1	2	1	20	12		0.54	----	RECEPT - RESTROOMS & CHASE
LTG - OUTDOOR	----	0.03		12	20	1	3	4	1	20	12		----	0.72	RECEPT - CHASE QUAD
EWH-2A	1.00	----		12	20	2	5	6	1	20	12		0.72	----	RECEPT - CHASE QUAD
	----	1.00					7	8	2	20	12		----	1.80	WH-2
EUH-2B	1.66	----		12	20	2	9	10					1.80	----	
	----	1.66					11	12	2	20	12		----	1.80	WH-2
EWH-2C	1.00	----		12	20	2	13	14					1.80	----	
	----	1.00					15	16	1	20			----		SPARE
EF-2A,2B	0.01	----		12	20	1	17	18	1	20				----	SPARE
SPARE	----				20	1	19	20	1	20			----		SPARE
SPARE		----			20	1	21	22	1					----	PROVISIONED SPACE
SPARE	----				20	1	23	24	1				----		PROVISIONED SPACE
PROVISIONED SPACE		----				1	25	26	1					----	PROVISIONED SPACE
PROVISIONED SPACE	----					1	27	28	1				----		PROVISIONED SPACE
PROVISIONED SPACE		----				1	29	30	1					----	PROVISIONED SPACE
LEFT SUB-TOTAL	3.92	3.68													TOTAL PANEL LOAD
RIGHT SUB-TOTAL	4.86	4.32													CONNECTED / DEMAND
PER PHASE TOTAL	8.78	8.00													KVA 16.8 / 19
PANEL TOTAL		16.78													AMPS 69.9 / 78

* NOTES: (E = EXST TO REMAIN UNO, G = GFI, L = LOCKABLE, S = SHUNT TRIP)

RESTROOM 2 - SHEET E103

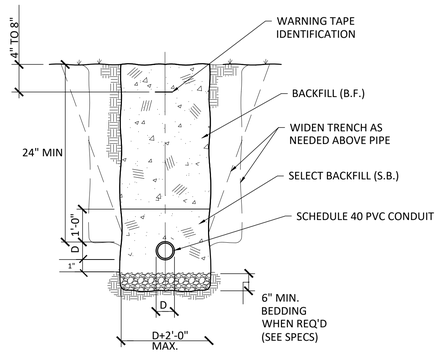
PANEL RR2

VOLTAGE: 240 /120 | PHASE: 1 | WIRE: 3 | BUS 200 | AMPS: | [ ] MLO | [X] 200 MCB | [X] SURFACE MOUNTED | [ ] FLUSH MOUNTED | NEMA ENCL.: 3R | AIC RATING: 10,000

LOAD DESCRIPTION	CONNECTED LOAD (KVA) A	B	*	WIRE SIZE	CIRCUIT BREAKER TRIP	P	NO	NO	P	TRIP	WIRE SIZE	*	CONNECTED LOAD (KVA) A	B	LOAD DESCRIPTION
LTG - RESTROOMS & CHASE	0.63	----		12	20	1	1	2	1	20	12		0.72	----	RECEPT - RESTROOMS & CHASE
LTG - OUTDOOR	----	0.02		12	20	1	3	4	2	20	12		----	1.00	EWH-3A
NO. 1 SHELTER		----	2	10	30	1	5	6					1.00	----	
NO. 2 SHELTER NORTH	----		2	10	30	1	7	8	2	20	12		----	1.00	EWH-3B
NO. 3 SHELTER SOUTH		----	2	10	30	1	9	10					1.00	----	
WH-2	----	1.80		12	20	2	11	12	2	20	12		----	1.66	EUH-3C
	1.80	----					13	14					1.66	----	
WH-2	----	1.80		12	20	2	15	16	2	20	12		----	1.00	EWH-3D
	1.80	----					17	18					1.00	----	
SPARE	----				20	1	19	20	2	20	12		----	1.00	EWH-3E
SPARE		----			20	1	21	22					1.00	----	
SPARE	----				20	1	23	24	1	20	12		----	0.35	EF-3A,3B
PROVISIONED SPACE		----				1	25	26	1	20				----	SPARE
PROVISIONED SPACE	----					1	27	28	1	20			----		SPARE
PROVISIONED SPACE		----				1	29	30	1	20				----	SPARE
LEFT SUB-TOTAL	4.23	3.62													TOTAL PANEL LOAD
RIGHT SUB-TOTAL	6.36	5.99													CONNECTED / DEMAND
PER PHASE TOTAL	10.59	9.61													KVA 20.2 / 23
PANEL TOTAL		20.19													AMPS 84.1 / 96

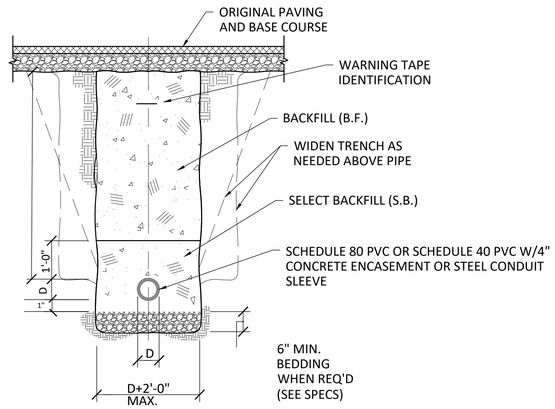
* NOTES: (E = EXST TO REMAIN UNO, G = GFI, L = LOCKABLE, S = SHUNT TRIP)

1. PANELBOARD SHALL BE SERVICE ENTRANCE RATED. BOND GROUND AND NEUTRAL BUSES TOGETHER. RECONNECT TO EXISTING SERVICE GROUND.
2. EXISTING CIRCUITRY AND HOMERUNS TO REMAIN FOR RECONNECTION TO NEW PANELBOARD.
3. PROVIDE FAULT CURRENT LABEL IN ACCORDANCE WITH THE NEC 110.24 'SERVICE DISCONNECT, AVAILABLE FAULT CURRENT 4,167AMPS, 12/19/2023.



NOTE:
1. WHEN ADDITIONAL CONDUITS ARE ADDED, SPACE 3" BETWEEN CONDUITS
2. SUITABLE BACKFILL (B.F) MATERIAL: BACKFILL MATERIAL SHALL BE CLEAN AND FREE FROM ALL ORGANIC MATERIAL, CLAY, MARL, OR UNSTABLE MATERIALS, DEBRIS, LUMPS, OR BROKEN PAVING. NO ROCKS OR STONES LARGER THAN 6 INCHES IN DIAMETER SHALL BE ALLOWED IN ANY BACKFILL. MATERIAL FOR BACKFILL MAY BE MATERIAL RESULTING FROM EXCAVATION, IF SUITABLE.
3. (S.B.) SELECT BACKFILL MATERIAL: SELECT BACKFILL MATERIAL SHALL MEET ALL THE GENERAL REQUIREMENTS FOR BACKFILL MATERIAL SET FORTH ABOVE, AND IN ADDITION, SHALL BE FREE OF ANY ROCKS OR STONES LARGER THAN 2 INCHES IN DIAMETER. SELECT BACKFILL MATERIAL MAY BE MATERIAL RESULTING FROM TRENCH EXCAVATION, IF SUITABLE, CAREFULLY SELECTED TO COMPLY WITH THESE REQUIREMENTS.
4. BEDDING SHALL BE #57 STONE.
5. 24" MINIMUM BURIAL DEPTH FOR 600VOLTS AND BELOW. 36" MINIMUM BURIAL DEPTH FOR OVER 600VOLTS.

TRENCH DETAIL
SINGLE CELL
NTS



TRENCH DETAIL
SINGLE CELL, PAVED AREA
NTS

LIGHTING FIXTURE SCHEDULE

TYPE	MANUFACTURER	TOTAL WATTS	VOLTAGE	MOUNTING	REMARKS
A	LITHONIA - 2ALLS4 48L GZ10 LP840	40	MVOLT	SURFACE	2' X 4' SURFACE LED LUMINAIRE, 4,800 LUMENS 4000K COLOR TEMPERATURE, 80CRI, DAMP LOCATED LISTED.
B1	LITHONIA - FEM L24 6000LM IMAFL MD MVOLT GZ10 40K 80CRI CNP164CWWL	39.2	MVOLT	WALL AT 10" AFF UNO.	24"LED LOW PROFILE ENCLOSED LUMINAIRE, 6,000 LUMENS, ACRYLIC, LINEAL RIBBED FROSTED LENS, MEDIUM DISTRIBUTION, 4000K COLOR TEMPERATURE, 80CRI.
B2	LITHONIA - FEM L48 8000LM IMAFL MD MVOLT GZ10 40K 80CRI CNP164CWWL	50.5	MVOLT	WALL AT 10" AFF UNO.	48"LED LOW PROFILE ENCLOSED LUMINAIRE, 8,000 LUMENS, ACRYLIC, LINEAL RIBBED FROSTED LENS, MEDIUM DISTRIBUTION, 4000K COLOR TEMPERATURE, 80CRI.
B3	LITHONIA - FEM L96 9000LM IMAFL MD MVOLT GZ10 40K 80CRI CNP164CWWL	53.4	MVOLT	WALL AT 10" AFF UNO.	96"LED LOW PROFILE ENCLOSED LUMINAIRE, 9,000 LUMENS, ACRYLIC, LINEAL RIBBED FROSTED LENS, MEDIUM DISTRIBUTION, 4000K COLOR TEMPERATURE, 80CRI.
C	LITHONIA - TWR1 LED ALO SWW2 UVOLT PE DDBTXD	36	120V	WALL AT 8" AFF. UNO	WALL PACK LED LUMINAIRE, 5,300 LUMEN OUTPUT, 4000K COLOR TEMPERATURE, PHOTOCELL.
	LITHONIA - ECC R	0.71	120V	WALL AT 8" AFF. UNO	UL DAMP LOCATION LISTED, 90-MINUTE CAPACITY TO EMERGENCY LAMPS. MOUNT 8'-0" AFF WHERE WALL MOUNTED UNO.
	LITHONIA - EU2C-M6	0.56	120V	WALL AT 8" AFF. UNO	DUAL HEAD EMERGENCY FIXTURE, 90 MINUTE CAPACITY, WHITE HOUSING.

COMMONWEALTH OF VIRGINIA
Mike Elder Jr.
MICHAEL HUGH ELDER JR.
Lic No. 031140
2/20/26
PROFESSIONAL ENGINEER

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
MONTGOMERY HALL PARK POOL HOUSE AND RESTROOMS

ELECTRICAL SCHEDULES AND DETAILS

No.	Date	Purpose of Document Issue

Designed	MHE
Drawn	JTS
Checked	MHE
Date	2/20/2026

Project No. 17678

THOMPSON & LITTON

Sheet No. E701

File Name: C:\Users\thomas_reed\Documents\16472 Gypsy Hill Park Bathroom Renovation - Elec_treedGMEKN.rvt
Date/Time: 3/30/2022 9:15:52 PM

THOMPSON & LITTON
EST. 1956
726 Auburn Avenue
Radford, Virginia 24141
P: (540) 633-1897, F: (540) 633-1896
www.T-L.com

17679 GYPSY HILL PARK PUMP HOUSE RENOVATIONS BID ALT NO.1

600 THORNROSE AVE
STAUNTON, VIRGINIA

PREPARED FOR

CITY OF STAUNTON

PROJECT DESCRIPTION:

THE GYPSY HILL PUMP HOUSE IS A 3,970 SF HISTORIC BUILDING LOCATED IN THE CITY OF STAUNTON, VIRGINIA. THE SCOPE OF THIS PROJECT INCLUDES THE DEMOLITION OF A 560 SF ADDITION TO THE EXISTING BUILDING DUE TO THE DETERIORATION OF THE STRUCTURE AND THE COMPROMISED FOUNDATION. THE SCOPE ALSO INCLUDES REBUILDING A 520 SF ADDITION TO THE BUILDING WHICH INCLUDES NEW ADA RESTROOMS AND OFFICE SPACE.

CODES & REGULATIONS

2018 VIRGINIA EXISTING BUILDING CODE, (VEBC)
2018 VIRGINIA CONSTRUCTION CODE (VCC), PART 1 OF THE VIRGINIA UNIFORM STATEWIDE BUILDING CODE (VUSBC)
2018 VIRGINIA MECHANICAL CODE
2018 VIRGINIA PLUMBING CODE
2017 NFPA 70 NATIONAL ELECTRICAL CODE
2010 ADA STANDARDS FOR ACCESSIBLE DESIGN (ADAAG)
2009 ICC / ANSI A117.1 (ACCESSIBLE AND USEABLE BUILDINGS AND FACILITIES)

HAZARDOUS MATERIALS STATEMENT:

TO BE PROVIDED BY OWNER.

COMMONWEALTH OF VIRGINIA — KEITH A. ALMONEY — Lic. No.38285 — 2-20-2026 — PROFESSIONAL ENGINEER
FOR STRUCTURAL ONLY

COMMONWEALTH OF VIRGINIA — ERICA F. SUNSHINE — Lic No. 9129 — 02/20/2026 — ARCHITECT
FOR ARCHITECTURAL & LIFE SAFETY ONLY

COMMONWEALTH OF VIRGINIA — MICHAEL HUGH ELDER JR. — Lic No. 031140 — 2/2026 — PROFESSIONAL ENGINEER
FOR ELECTRICAL ONLY

COMMONWEALTH OF VIRGINIA — STEVEN R. FARRIS — Lic. No. 035714 — 2/20/26 — PROFESSIONAL ENGINEER
FOR PLUMBING & MECHANICAL ONLY

DOCUMENT DATE: 02/20/2026
ISSUED FOR BIDS: 05/01/2026
PROJECT NO.: 18861

SHEET INDEX

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PROJECT INFOMATION, LEGENDS, AND LIFE SAFETY PLAN	LS101
ARCHITECTURAL	
DEMOLITION FLOOR PLAN	AD101
NEW WORK FLOOR PLAN	A101
REFLECTED CEILING PLAN	A102
ROOF PLAN	A103
EXTERIOR ELEVATIONS	A201
WALL AND BUILDING SECTIONS	A301
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DOOR AND FINISH SCHEDULES, NOTES, LEGEND, AND INTERIOR ELEVATION	A701
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HVAC FLOOR PLANS & SCHEDULES	M101
ELECTRICAL	
ELECTRICAL LEGEND, ABBREVIATIONS, GENERAL NOTES, AND SCHEDULE	E001
ELECTRICAL SPECIFICATIONS	E002
DEMOLITION LIGHTING PLAN	ED101
DEMOLITION POWER AND COMMUNICATIONS PLAN	ED102
LIGHTING PLAN	E101
POWER AND COMMUNICATIONS PLAN	E201

Seal

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
17679 GYPSY HILL PARK PUMP HOUSE RENOVATIONS BID ALT NO.1

TITLE SHEET

No.	Date	Purpose of Document Issue

Designed	EFS
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Project No.
18861

THOMPSON & LITTON

Sheet No.
G006

Date/Time: 5/1/2026 8:07:56 AM File Name: C:\Users\kathryn_foster\Documents\18861 Gypsy Hill Park Pump House Renovations V25_kfosterWN9BB.rvt

CODES & REGULATIONS

2018 VIRGINIA EXISTING BUILDING CODE, (VEBC)
2018 VIRGINIA CONSTRUCTION CODE (VCC), PART 1 OF THE VIRGINIA UNIFORM STATEWIDE BUILDING CODE (VUSBC)
2018 VIRGINIA MECHANICAL CODE
2018 VIRGINIA PLUMBING CODE
2017 NFPA 70 NATIONAL ELECTRICAL CODE
2010 ADA STANDARDS FOR ACCESSIBLE DESIGN (ADAAG)
2009 ICC / ANSI A117.1 (ACCESSIBLE AND USEABLE BUILDINGS AND FACILITIES)

GENERAL INFORMATION

SCOPE:

THE GYPSY HILL PUMP HOUSE IS A 3,970 SF HISTORIC BUILDING LOCATED IN THE CITY OF STAUNTON, VIRGINIA. THE SCOPE OF THIS PROJECT INCLUDES THE DEMOLITION OF A 560 SF ADDITION TO THE EXISTING BUILDING DUE TO THE DETERIORATION OF THE STRUCTURE AND THE COMPROMISED FOUNDATION. THE SCOPE ALSO INCLUDES REBUILDING A 520 SF ADDITION TO THE BUILDING WHICH INCLUDES NEW ADA RESTROOMS AND OFFICE SPACE.

CONSTRUCTION CLASSIFICATION:

CONSTRUCTION TYPE: VB
NEW BUILDING IS NOT SPRINKLERED

OCCUPANCY:

DESCRIPTION: MUSIC PRACTICE SPACE
OCCUPANCY CLASSIFICATION: A-3

MAXIMUM TRAVEL DISTANCES:

COMMON PATH OF TRAVEL (VUSBC 1006.2.1):	75 FT MAX
EXIT ACCESS TRAVEL DISTANCE (VUSBC TABLE 1017.2):	200 FT MAX
DEAD ENDS (VUSBC 1020.4):	20 FT MAX

INTERIOR FINISH REQUIREMENTS:

EXIT ENCLOSURES & EXIT PASSAGEWAYS (VUSBC TABLE 803.11):
-CLASS B
FLAME SPREAD INDEX 26-75
SMOKE-DEVELOPED INDEX 0-450

CORRIDOR WALLS & CEILINGS (VUSBC TABLE 803.11):
-CLASS C
FLAME SPREAD INDEX 76-200
SMOKE-DEVELOPED INDEX 0-450

ROOM & ENCLOSED SPACE WALLS & CEILINGS (VUSBC TABLE 803.9):
-CLASS C
FLAME SPREAD INDEX 76-200
SMOKE-DEVELOPED INDEX 0-450

FLOORS (VUSBC 804.4.2):
-CLASS II
CRITICAL RADIANT FLUX NOT LESS THAN 0.22 WATTS/CM

ASBESTOS CONTAINING MATERIALS AND/OR PAINTS CONTAINING LEAD SHALL NOT BE USED IN ANY FORM ON THE PROJECT.

DESIGN LIVE LOADS:

REFER TO STRUCTURAL DRAWINGS

FIRE-RESISTANCE RATING REQUIREMENTS

FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS (HOURS)
(EXCERPT FROM VUSBC TABLE 601, UON)

CONSTRUCTION TYPE: <INSERT TYPE>	
BUILDING ELEMENT	**FIRE RATING**
PRIMARY STRUCTURAL FRAME	0 HR
BEARING WALLS	
EXTERIOR	0 HR
INTERIOR	0 HR
NONBEARING WALLS & PARTITIONS	
EXTERIOR (VUSBC TABLE 602)	0 HR
NONBEARING WALLS & PARTITIONS	
INTERIOR	0 HR
FLOOR CONSTRUCTION & SECONDARY MEMBERS	0 HR
ROOF CONSTRUCTION & SECONDARY MEMBERS	0 HR
MISCELLANEOUS FIRE-RESISTANCE RATING REQUIREMENTS	
BUILDING ELEMENT	**FIRE RATING**
CORRIDORS (VUSBC TABLE 1020.1)	1 HR

MEANS OF EGRESS

LEVEL 1	REQUIRED	PROVIDED
NUMBER OF EXITS (VUSBC SECTION 1006.3.1)	2	3
EGRESS CAPACITY (_"/OCC) (VUSBC 1005.3.2, EXCEPTION)	51.6"	68"

2018 VEBC

CHAPTER 6 ALTERATIONS
601.2.2 LEVEL 2.
LEVEL 2 ALTERATIONS SHALL COMPLY WITH THE APPLICABLE PROVISIONS OF SECTIONS 602 AND 603 AND SHALL INCLUDE THE FOLLOWING:

1. THE ADDITION OR ELIMINATION OF ANY DOOR OR WINDOW.
2. THE ADDITION OR ELIMINATION OF ANY WALL, FLOOR, OR CEILING ASSEMBLY.
3. THE RECONFIGURATION OR EXTENSION OF ANY SYSTEM.
4. THE INSTALLATION OF ANY ADDITION, EQUIPMENT, MATERIALS, ELEMENTS OR FIXTURES.

601.4 ENERGY CONSERVATION.
EXCEPT AS MODIFIED BY THIS SECTION, ALTERATIONS TO AN EXISTING BUILDING, BUILDING SYSTEM, OR STRUCTURE SHALL CONFORM TO THE APPLICABLE PROVISIONS OF THE VIRGINIA ENERGY CONSERVATION CODE OR VIRGINIA RESIDENTIAL CODE AS THEY RELATE TO NEW CONSTRUCTION WITHOUT REQUIRING THE UNALTERED PORTIONS OF THE EXISTING BUILDING, BUILDING SYSTEM OR STRUCTURE TO COMPLY WITH THE VECC OR VRC.

BUILDING AREA SUMMARY

TOTAL EXISTING BUILDING AREA:	3,970 SF
DEMO AREA:	563 SF
ADDITION AREA	520 FT
TOTAL CODE AREA	3,955 FT

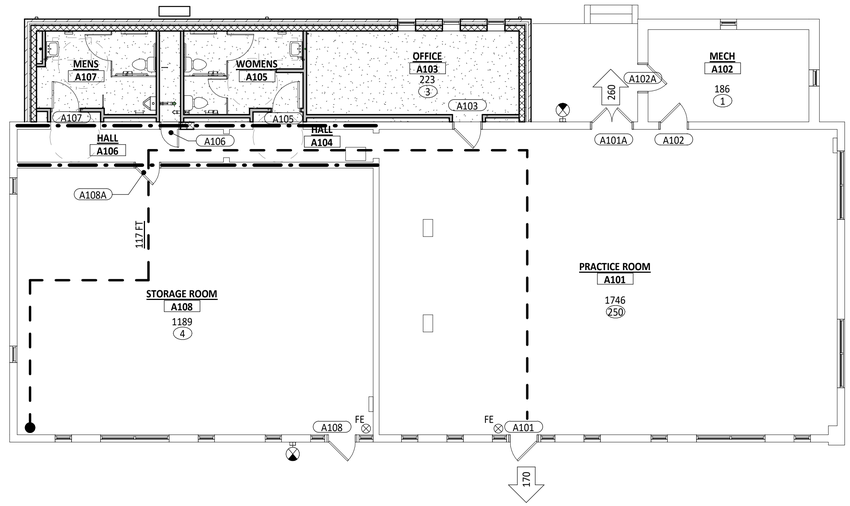
OCCUPANCY LOAD SUMMARY

CALCULATED PER VUSBC TABLE 1004.1.2 (SEE EXCERPT BELOW) OR ACTUAL NUMBER OF OCCUPANTS SCHEDULED, WHICHEVER IS GREATER
REFER TO LIFE SAFETY DRAWING FOR OCCUPANT LOAD BREAKDOWN

TOTAL	**258**
MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT (EXCERPT FROM VUSBC TABLE 1004.1.2)	
FUNCTION OF SPACE	**SF/OCCUPANT**
ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOMS	300 GROSS
ASSEMBLY WITHOUT FIXED SEATS	
CONCENTRATED (CHAIRS ONLY-NOT FIXED)	7 NET
STANDING SPACE	5 NET
UNCONCENTRATED (TABLES & CHAIRS)	15 NET
BUSINESS	100 GROSS
COURTROOMS-OTHER THAN FIXED SEATING AREAS	40 NET
EDUCATIONAL (K-12)	
CLASSROOM AREA	20 NET
SHOPS & OTHER VOCATIONAL ROOM AREAS	50 NET
EXERCISE ROOMS	50 GROSS
KITCHENS (COMMERCIAL)	200 GROSS
LIBRARY	
READING ROOMS	50 NET
STACK AREA	100 GROSS
LOCKER ROOMS	50 GROSS
PARKING GARAGES	200 GROSS
RESIDENTIAL	200 GROSS
STAGES & PLATFORMS	500 GROSS
WAREHOUSES	500 GROSS

MATERIAL LEGEND

EARTH
GRAVEL
CONCRETE
GROUT
CONCRETE MASONRY UNIT
FACE BRICK
GYPSUM WALLBOARD
STEEL
METAL/WOOD STUD
ROUGH CARPENTRY
BLOCKING
PLYWOOD
INSULATION - BATT
INSULATION - RIGID



1 A201 LS101 LIFE SAFETY PLAN - FIRST FLOOR
SCALE: 1/8" = 1'-0"

LIFE SAFETY LEGEND

DISTANCE
EGRESS PATH
AREA (SF) (#)
OCCUPANCY LOAD DESIGNATION
###
EGRESS DOOR CAPACITY
1-HOUR FIRE BARRIER

FIRE EXTINGUISHER LEGEND

FE
EXISTING FIRE EXTINGUISHER

ARCHITECTURAL LEGEND

NEW CONSTRUCTION
EXISTING CONSTRUCTION
EXISTING TO BE DEMOLISHED
NUMBER INDICATES SECTION OR DETAIL
ADDITIONAL SHEET REFERENCES
A101, A102...
SHEET NUMBER WHERE SECTION OR DETAIL IS TAKEN
SIM
A101 A101
SHEET NUMBER WHERE SECTION OR DETAIL IS DRAWN
SECTION CUT DESIGNATION (DETAIL DESIGNATION SIMILAR)
NUMBER INDICATES ELEVATION
SHEET NUMBER WHERE ELEVATION IS TAKEN
SHEET NUMBER WHERE ELEVATION IS DRAWN
EXTERIOR ELEVATION
INTERIOR ELEVATION
ELEVATION DESIGNATION
ROOM NAME
A101
ROOM NUMBER
FLOOR LEVEL
BUILDING AREA
ROOM NUMBER DESIGNATION
FLOOR LEVEL
SUFFIX AT MULTIPLE DOOR/OPENING LOCATIONS
A101A
DOOR/OPENING NUMBER
BUILDING AREA
DOOR/OPENING NUMBER DESIGNATION
CONSTRUCTION NOTE DESIGNATION
PARTITION TYPE DESIGNATION
TOILET & BATH ACCESSORY DESIGNATION
DEMOLITION NOTE DESIGNATION
0'-0"
SPOT ELEVATION
XX-00
NUMBER
MATERIAL
OPENING FRAME DESIGNATION
LEVEL 0'-0"
DATUM LINE
PLAN NORTH
NORTH ARROW (REFER TO CIVIL PLAN SHEETS FOR TRUE NORTH WHEN APPLICABLE TO THE PROJECT)

0 4' 8' 16'
SCALE: 1/8" = 1'-0"

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PROJECT INFOMATION, LEGENDS, AND LIFE SAFETY PLAN

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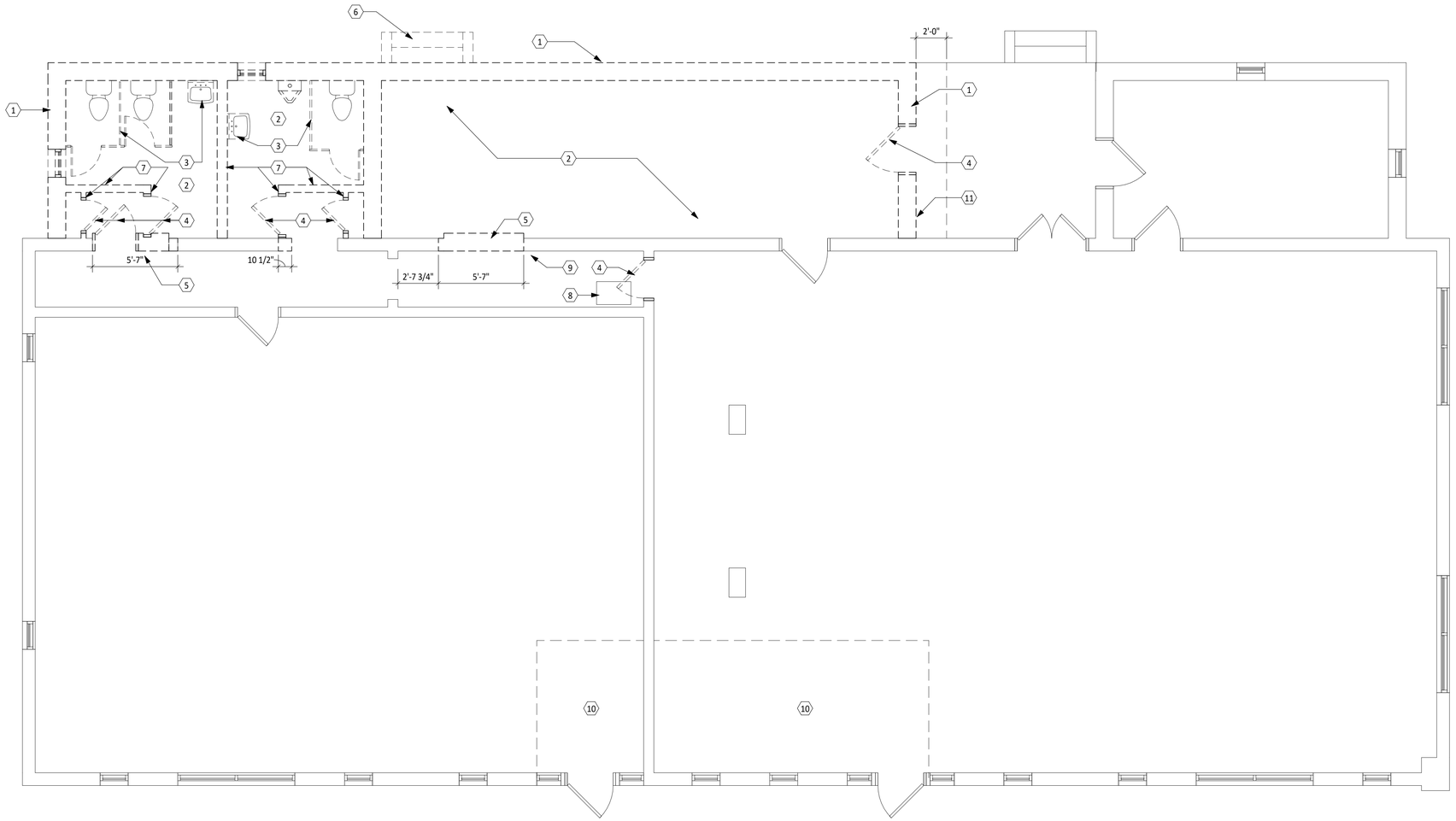
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1 DEMOLITION FLOOR PLAN

A201 AD101

SCALE: 1/4" = 1'-0"

GENERAL DEMOLITION NOTES:

1. ANY DISCREPANCIES BETWEEN ITEMS NOTED FOR DEMOLITION AND ACTUAL FIELD CONDITIONS ARE TO BE REPORTED TO THE ARCHITECT PRIOR TO COMMENCEMENT OF DEMOLITION.
2. DO NOT REMOVE OR DEMOLISH ANY LOAD-BEARING BUILDING ELEMENTS WITHOUT FIRST CONTACTING THE ARCHITECT/STRUCTURAL ENGINEER.
3. REMOVE AND/OR CAP OFF ANY MECHANICAL, PLUMBING, AND ELECTRICAL SYSTEMS CONTAINED WITHIN CONSTRUCTION SCHEDULED TO BE REMOVED. CAP OFF BEHIND FACE OF EXISTING WALLS INDICATED TO REMAIN OR BELOW THE FLOOR SLAB. COORDINATE THESE REQUIREMENTS WITH MECHANICAL, PLUMBING, AND ELECTRICAL REQUIREMENTS. REFER ALSO TO CUT AND PATCH REQUIREMENTS IN THE PROJECT MANUAL.
4. LEGALLY DISPOSE OF ALL MATERIALS ASSOCIATED WITH SELECTIVE DEMOLITION WORK UNLESS OTHERWISE NOTED TO BE PROVIDED TO OWNER OR SALVAGED FOR REUSE.
5. COORDINATE ANY REQUIRED TEMPORARY UTILITY OR SERVICE SHUT-OFF WITH OWNER AND OTHER REQUIREMENTS FOUND IN THE CONTRACT DOCUMENTS.
6. PERFORM DEMOLITION WORK IN SUCH A WAY AS TO MINIMIZE DISTURBANCES WITHIN THE EXISTING FACILITY.
7. WHERE NEW UTILITIES OR SERVICES ARE RUN ABOVE CEILINGS IN AREAS OF THE EXISTING FACILITY, REMOVE ONLY AS MUCH EXISTING CEILING SYSTEM AS REQUIRED FOR INSTALLATION. REINSTALL REMOVED CEILING SYSTEM ONCE ABOVE CEILING WORK IS COMPLETE. REPLACE CEILING PANELS AND/OR GRID DAMAGED BY SELECTIVE DEMOLITION WORK.
8. REVIEW WITH OWNER IF ANY DOOR HARDWARE IS TO BE SALVAGED OR DISPOSED..
9. NOTE CENTERED WITHIN A GIVEN SPACE: THIS IMPLIES THAT THE NOTED CONSTRUCTION IS TO BE REMOVED FROM FLOOR TO CEILING ON ALL WALLS TO REMAIN IN THE ORIGINAL SPACE.
10. NOTE WITH LEADER: THIS IMPLIES THAT A PATCH/PORTION OF THE NOTED CONSTRUCTION IS TO BE REMOVED WITHIN THE FIELD OF THE INDICATED WALL.
11. NOTE WITHIN DIMENSION STRING: THIS IMPLIES THAT THE NOTED CONSTRUCTION IS TO BE REMOVED FROM FLOOR TO CEILING FOR THE INDICATED PORTION OF WALL.

DEMOLITION NOTES

OCCURS WHERE (?) ARE INDICATED ON DRAWINGS.

1	REMOVE EXTERIOR MASONRY WALL INCLUDING FOOTING.
2	REMOVE CONCRETE FLOOR SLAB IN ITS ENTIRETY.
3	REMOVE ALL TOILET PARTITIONS, TOILET ACCESSORIES AND FIXTURES. REFER TO PLUMBING FOR EXTENT OF WATER AND SANITARY LINES.
4	REMOVE DOOR, HARDWARE AND FRAME.
5	REMOVE PORTION OF WALL AND PREPARE FOR NEW OPENING. BRACE /SHORE WALL AS REQUIRED.
6	REMOVE EXISTING EXTERIOR CONCRETE STAIRS.
7	REMOVE EXISTING PARTITION.
8	EXISTING FLOOR HATCH TO REMAIN.
9	REMOVE EXISTING WOOD TRIM AND CHAIRRAIL.
10	REMOVE PORTION OF EXISITNG WOOD FLOORING AND SUBFLOOR AS REQUIRED FOR NEW STRUCTURAL WORK. REFER TO STRUCTURAL DRAWINGS FOR FLOOR JOIST REMOVAL..
11	REMOVE PORTION OF EXISITNG CONCRETE PORCH AS REQUIRED FOR NEW WORK

0 2' 4' 8'

SCALE: 1/4" = 1'-0"

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DEMOLITION FLOOR PLAN

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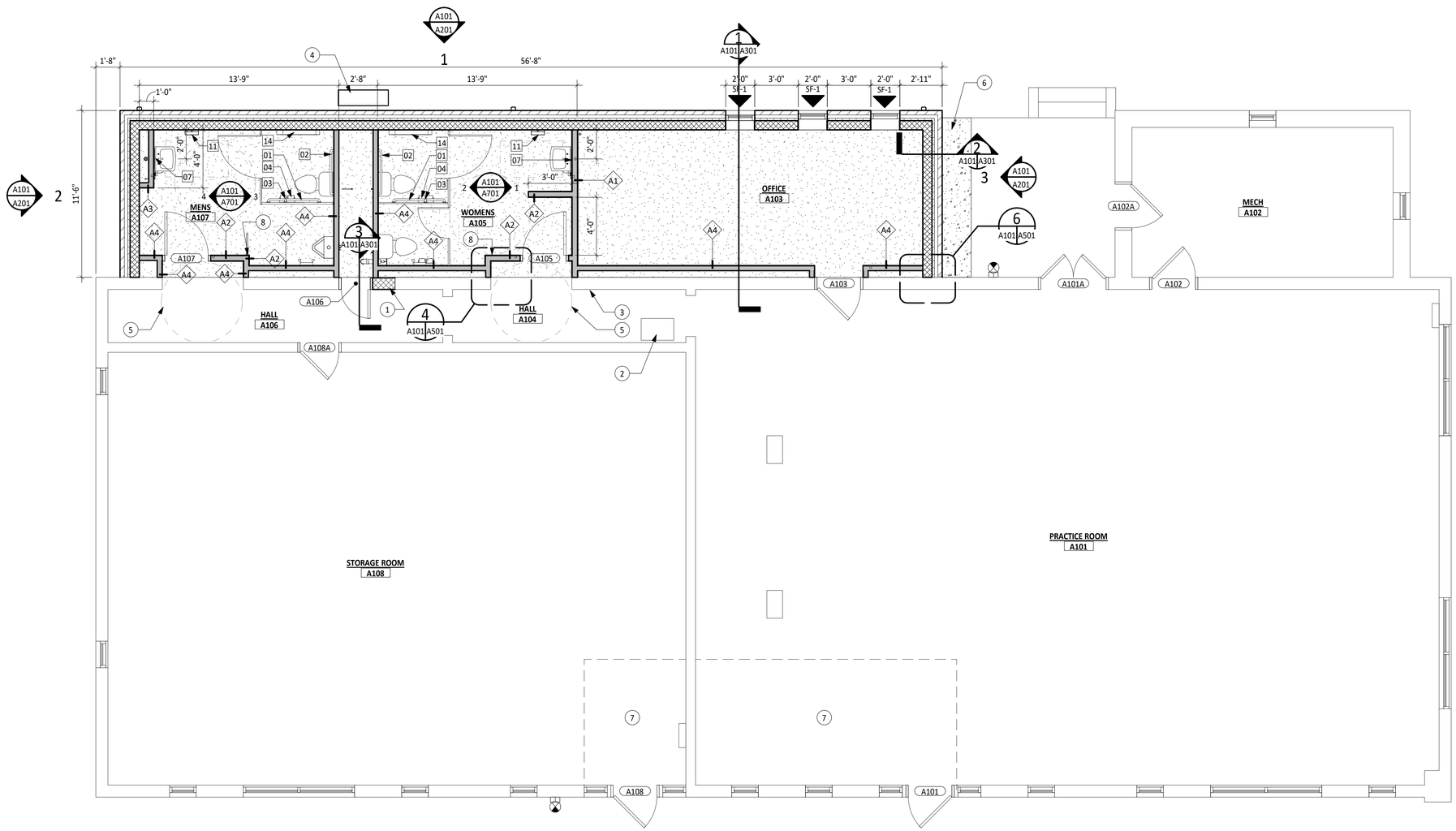
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Project No.
18861

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AD101

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1 FIRST FLOOR

A201 A101

SCALE: 1/4" = 1'-0"

GENERAL CONSTRUCTION NOTES:

1. ALL WORK SHALL BE PERFORMED IN OBSERVANCE OF LOCAL, STATE, AND FEDERAL CODES AND REGULATIONS.
2. EXISTING CONDITIONS SHOWN HEREIN WERE TAKEN FROM SITE OBSERVATIONS AND COMPLETE OR PARTIAL SETS OF ORIGINAL DESIGN DRAWINGS WHEN MADE AVAILABLE. ANY DISCREPANCIES BETWEEN THE DRAWINGS AND ACTUAL BUILT CONDITIONS ARE TO BE REPORTED TO THE ARCHITECT PRIOR TO COMMENCEMENT OF WORK.
3. LOOSE FURNISHINGS, APPLIANCES, AND EQUIPMENT ARE NOT INCLUDED WITHIN THIS PROJECT'S SCOPE (NIC), UNLESS OTHERWISE NOTED.
4. DO NOT "SCALE" DRAWINGS. USE DIMENSIONAL INFORMATION PROVIDED ONLY. FOR DIMENSIONS NOT SHOWN OR IN QUESTION, CONTRACTOR SHALL REQUEST CLARIFICATION FROM ARCHITECT PRIOR TO PROCEEDING.
5. ALL DIMENSIONS ARE MEASURED TO FACE OF METAL AND/OR WOOD STUDS OR MASONRY CONSTRUCTION UNLESS OTHERWISE NOTED.
6. ALL DIMENSIONS NOTED AS "CLEAR," ARE FROM FACE OF FINISH TO FACE OF FINISH.
7. PROVIDE CONCEALED WOOD BLOCKING AT LOCATIONS OF WALL-MOUNTED EQUIPMENT, CASEWORK, SHELVING, AND TOILET ACCESSORIES.
8. REFER TO ENLARGED FLOOR PLANS FOR PARTITION TYPES, DIMENSIONS, AND RELEVANT CONSTRUCTION RELATED FEATURES AND EQUIPMENT IN THOSE AREAS.
9. REFER TO LIFE SAFETY DRAWINGS FOR LOCATIONS OF FIRE-RATED CONSTRUCTION AND FIRE EXTINGUISHER LOCATIONS.
10. ALL DOORS LOCATED IN STUD PARTITIONS ARE TO BE LOCATED 4" FROM AN ADJACENT WALL TO THE BACK OF THE FRAME OR CENTERED BETWEEN 2 ADJACENT WALLS UNLESS OTHERWISE NOTED.
11. ALL DOORS LOCATED IN MASONRY CONSTRUCTION ARE TO BE LOCATED 8" FROM AN ADJACENT WALL OR CENTERED BETWEEN 2 ADJACENT WALLS UNLESS OTHERWISE NOTED.
12. PROVIDE MINIMUM 1'-6" CLEAR ON PULL SIDE OF DOORS BETWEEN JAMB AND INTERSECTING WALL ON LATCH SIDE OF DOOR. PROVIDE 1'-0" CLEAR ON PUSH SIDE OF DOOR BETWEEN JAMB AND INTERSECTING WALL ON LATCH SIDE OF DOOR FOR ALL DOORS WITH BOTH A LATCH AND A CLOSER.
13. PROVIDE CONCRETE EQUIPMENT PADS FOR ALL EQUIPMENT INDICATED TO BE MOUNTED OR OTHERWISE REQUIRED TO BE MOUNTED TO THE FLOOR. REFER TO STRUCTURAL DRAWINGS FOR EQUIPMENT PAD CONSTRUCTION REQUIREMENTS.
14. SUBMIT SAMPLES TO OWNER FOR APPROVAL.

CONSTRUCTION NOTES

OCCURS WHERE (#) ARE INDICATED ON DRAWINGS.

1	INFILL EXISITNG OPENING WITH MASONRY AND PLASTER TO ALIGN WITH EXISITNG.
2	EXISTING FLOOR HATCH TO REMAIN.
3	PATCH HOLES WHERE WOOD TRIM/CHAIRRAIL HAVE BEEN REMOVED.
4	WALL MOUNTED HVAC UNIT. REFER TO MECHANICAL DRAWINGS.
5	FIVE FOOT TURNING RADIUS.
6	NEW CONCRETE INFILL. REFER TO STRUCTURAL DRAWINGS
7	INSTALL HARDWOOD FLOORING TO MATCH EXISTING FLOORING OVER 1/4" PLYWOOD UNDERLAYMENT AND 3/4" PLYWOOD SUBFLOOR. SUBMIT SAMPLES TO OWNER FOR APPROVAL.
8	WALL MOUNTED MINI-SPLIT. REFER TO MECHANICAL DRAWINGS.

TOILET ACCESSORY LEGEND

TOILET ACCESSORY ITEMS ARE INDICATED ON DRAWINGS BY 00

DESCRIPTION	NUMBER	REMARKS
42" HORIZONTAL GRAB BAR	01	
36" HORIZONTAL GRAB BAR	02	
18" VERTICAL GRAB BAR	03	
TOILET TISSUE DISPENSER	04	
18" x 36" FRAMED MIRROR UNIT	07	
PAPER TOWEL DISPENSER	11	
BABY CHANGING STATION	14	

GENERAL NOTES:

1. REFER TO SPEC SECTION 102800 - "TOILET, BATH, AND LAUNDRY ACCESSORIES" FOR ACCESSORY TECHNICAL REQUIREMENTS AND DESCRIPTION.
2. PROVIDE UNDER LAVATORY PROTECTIVE PIPE COVER AT EACH WALL HUNG LAVATORY.
3. ACTUAL DIMENSIONS MAY VARY WITH APPROVED MANUFACTURER. COORDINATE ALL REVISIONS AS REQUIRED.
4. REFER TO A701 FOR PARTITION TYPES.

0 2' 4' 8'

SCALE: 1/4" = 1'-0"

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NEW WORK FLOOR PLAN

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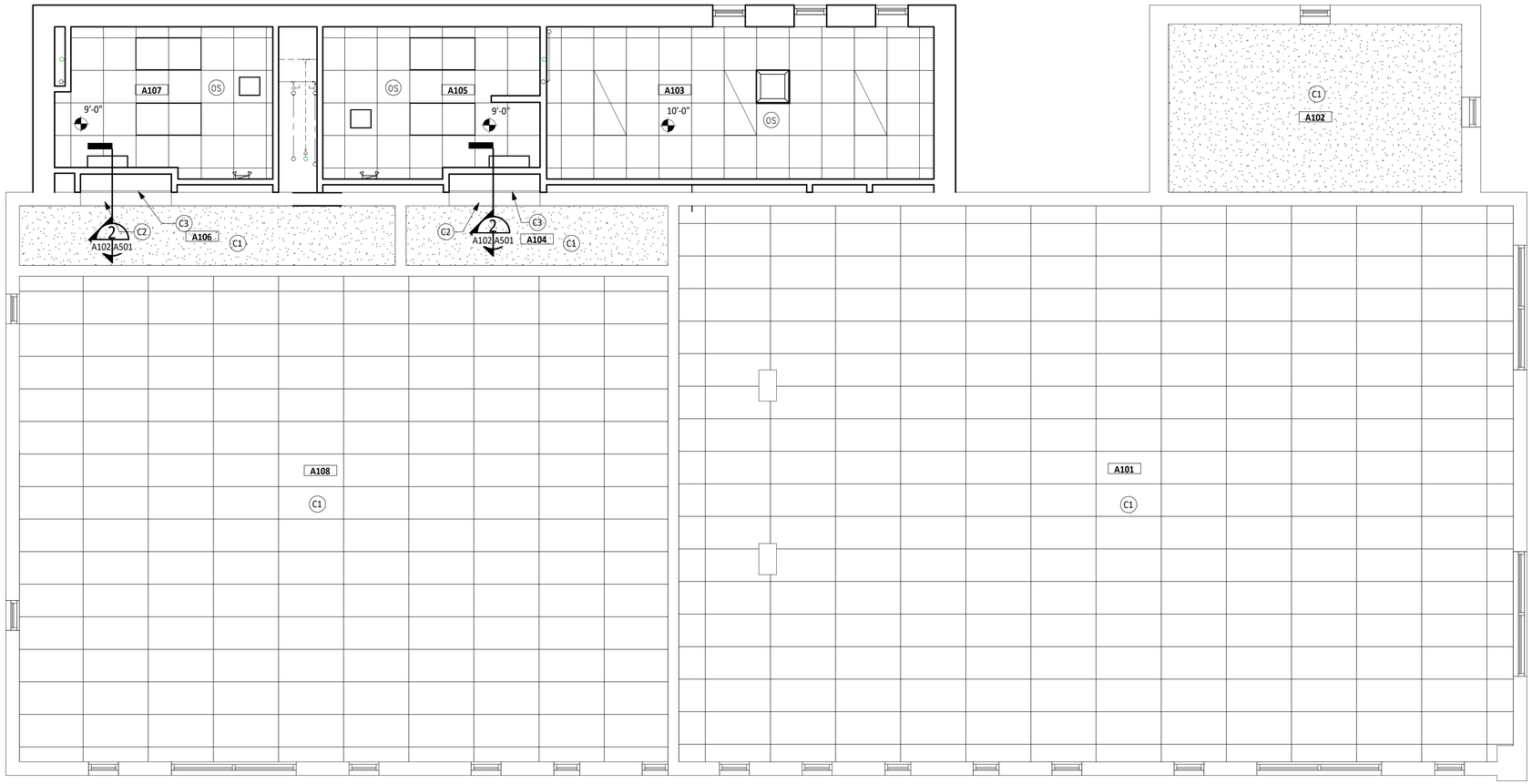
Designed	EFS
Drawn	KCF
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Date	02/20/2026

Project No. 18861

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REFLECTED CEILING PLAN

1/4" = 1'-0"

PLAN NORTH

REFLECTED CEILING LEGEND:

- 24"x24" SUSPENDED ACOUSTICAL PANEL CEILING
- GYPSUM CEILING
- LAY-IN LIGHT
- CEILING CASSETTE
- AIR DEVICES-EXHAUST
- EXIT SIGN

REFLECTED CEILING NOTES:

C1 EXISTING CEILING TO REMAIN.
C2 PATCH EXISTING CEILING AS REQUIRED FOR NEW WORK. MATCH EXISTING.
C3 1" EXPANSION JOINT.

0 2' 4' 8'

SCALE: 1/4" = 1'-0"

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REFLECTED CEILING PLAN

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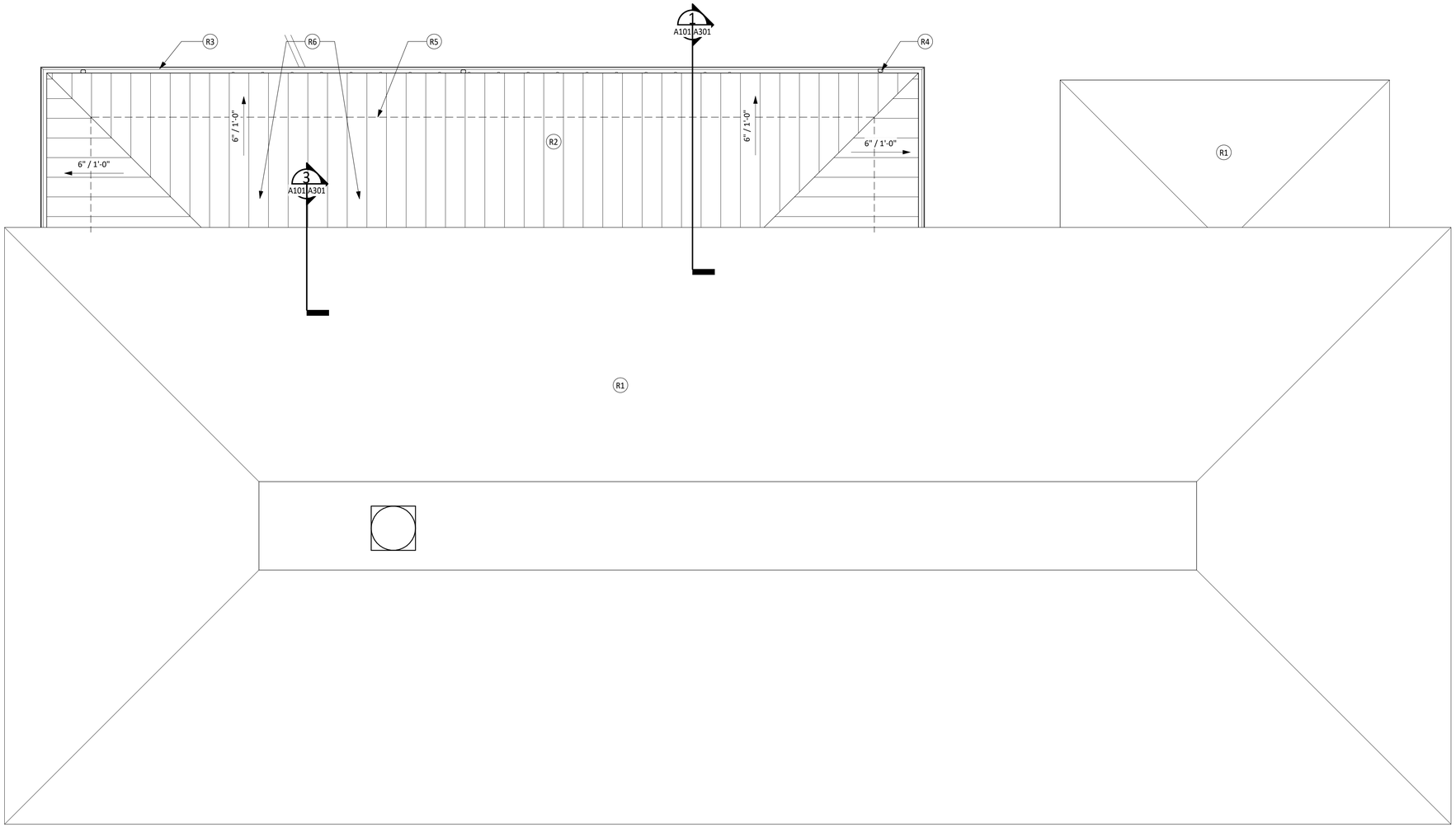
Designed	EFS
Drawn	KCF
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ROOF PLAN
1/4" = 1'-0"

PLAN NORTH

ROOF NOTES

OCCURS WHERE (#) ARE INDICATED ON DRAWINGS.

R1	EXISTING METAL ROOF
R2	NEW STANDING SEAM METAL ROOF
R3	5" ALUM GUTTER
R4	3" X 4" ALUM DOWNSPOUT
R5	ICE AND WATER SHEILD
R6	VENT THROUGH ROOF

ROOF PLAN LEGEND

VTR	VENT THRU ROOF
(#) →	CONSTRUCTION NOTE DESIGNATION
→	DOWNWARD ROOF SLOPE DIRECTIONAL ARROW

0 2' 4' 8'

SCALE: 1/4" = 1'-0"

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ROOF PLAN

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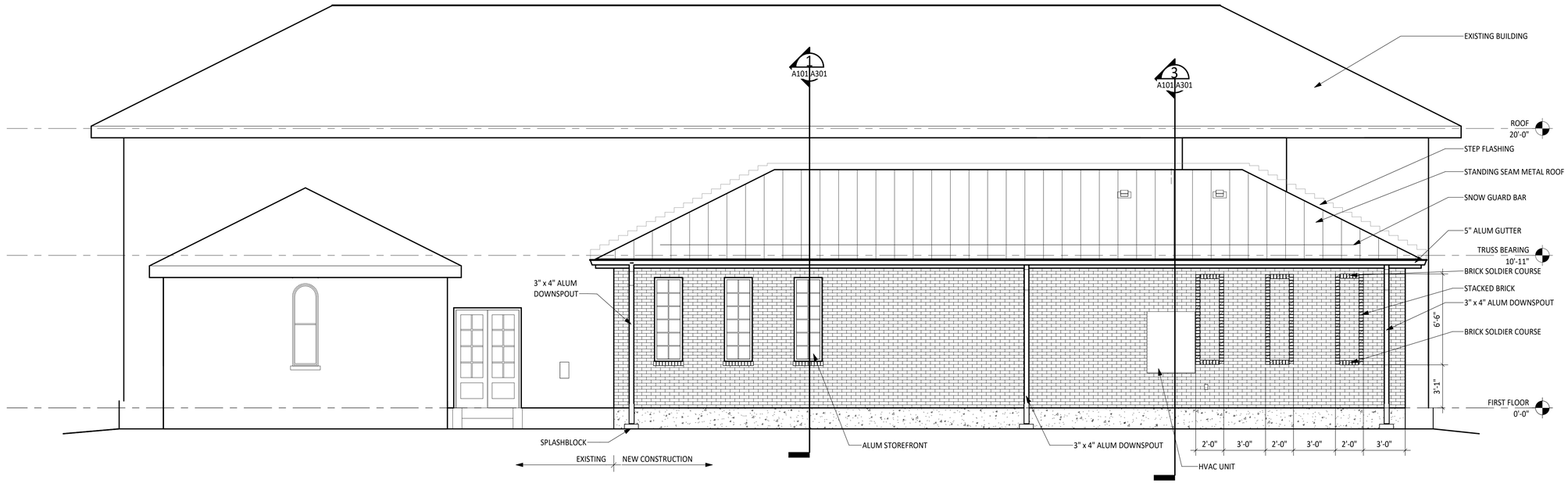
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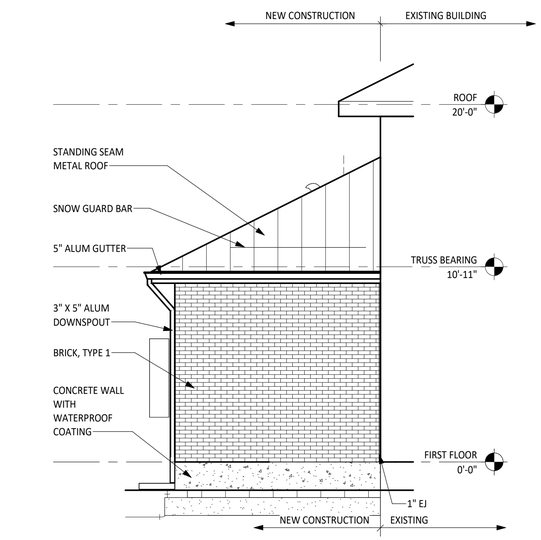
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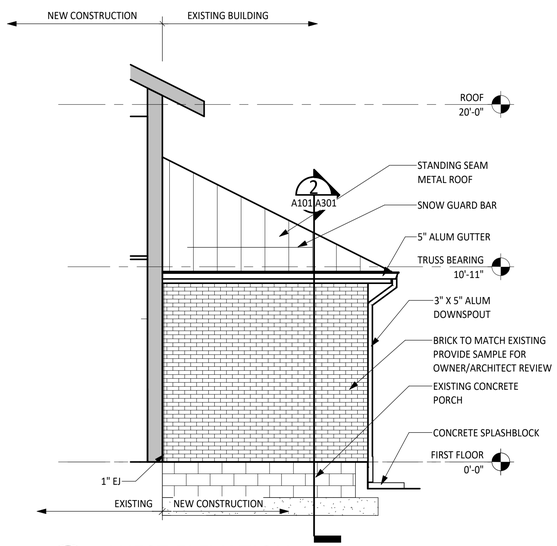
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1 A101 A201 **NORTH ELEVATION**
SCALE: 1/4" = 1'-0"



2 A101 A201 **EAST ELEVATION**
SCALE: 1/4" = 1'-0"



3 A101 A201 **WEST ELEVATION**
SCALE: 1/4" = 1'-0"

0 2' 4' 8'
SCALE: 1/4" = 1'-0"

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EXTERIOR ELEVATIONS

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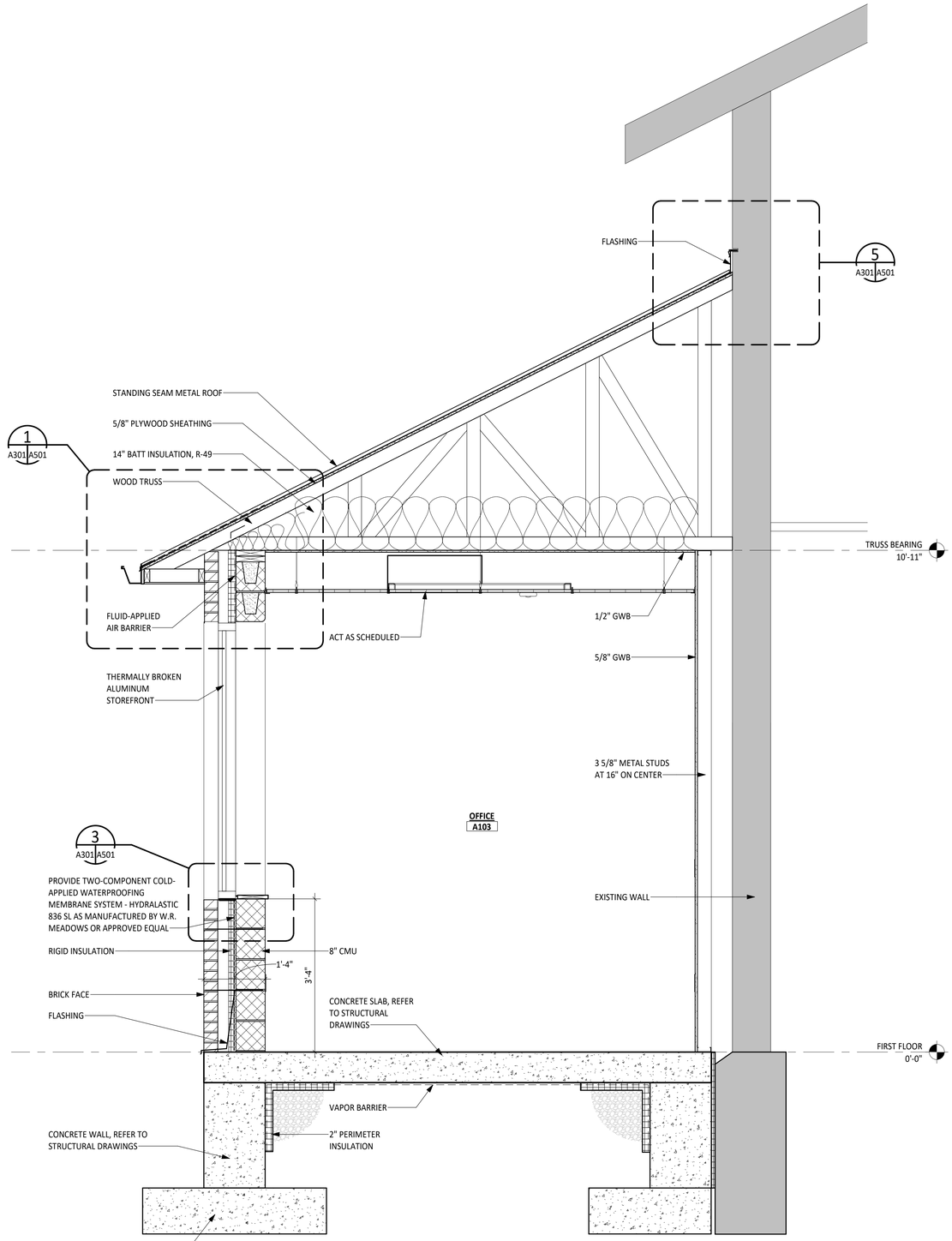
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Project No.
18861

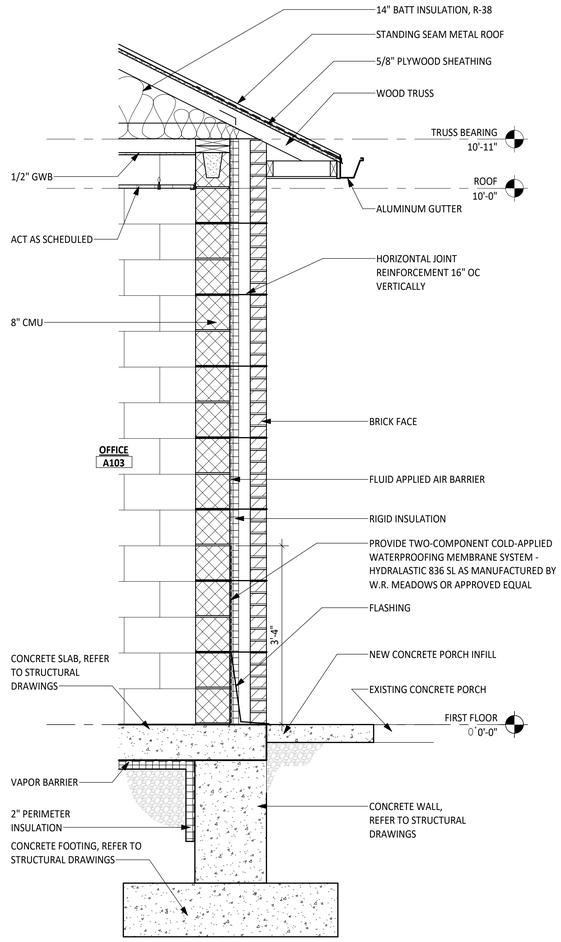
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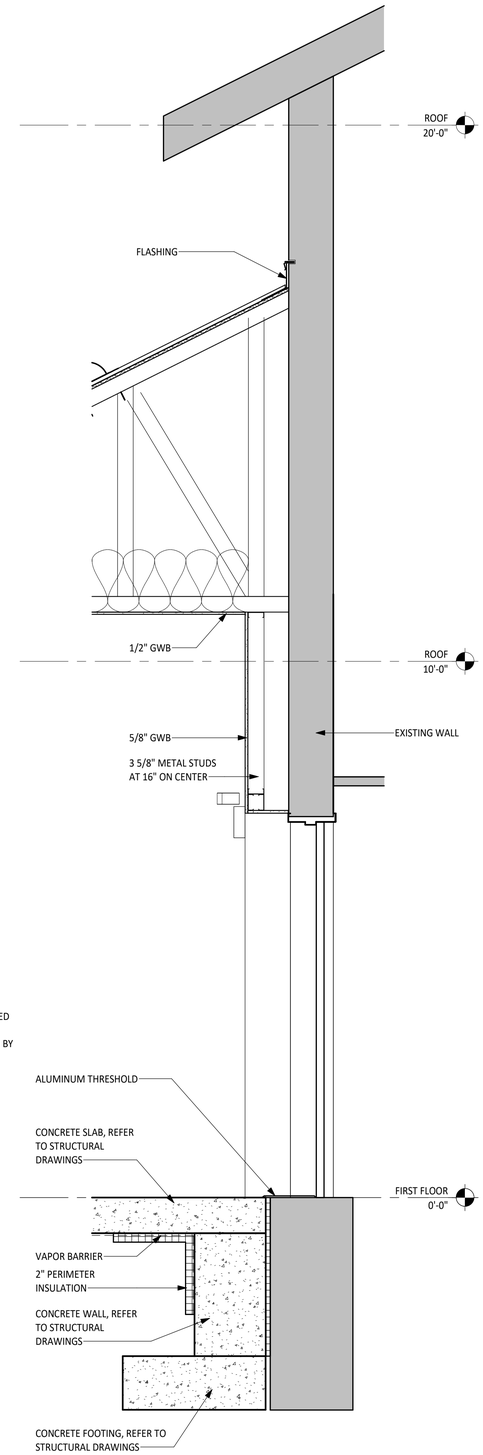
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1 A101 A301 BUILDING SECTION
SCALE: 3/4" = 1'-0"



2 A101 A301 WALL SECTION
SCALE: 3/4" = 1'-0"



3 A101 A301 WALL SECTION
SCALE: 3/4" = 1'-0"

0 8" 1'-4" 2'-8"
SCALE: 3/4" = 1'-0"

Seal
COMMONWEALTH OF VIRGINIA
ERICA F. SUNSHINE
Lic No. 9129
02/20/2026
ARCHITECT

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
17679 GYPSY HILL PARK PUMP HOUSE RENOVATIONS BID ALT NO.1

WALL AND BUILDING SECTIONS

No.	Date	Purpose of Document Issue

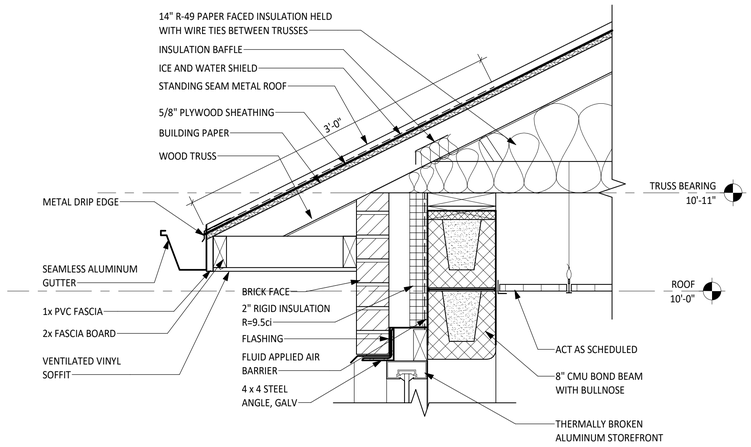
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Drawn	KCF
Checked	EFS
Date	02/20/2026

Project No.
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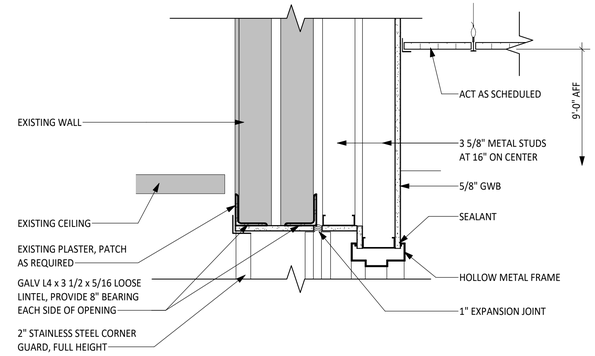
THOMPSON & LITTON

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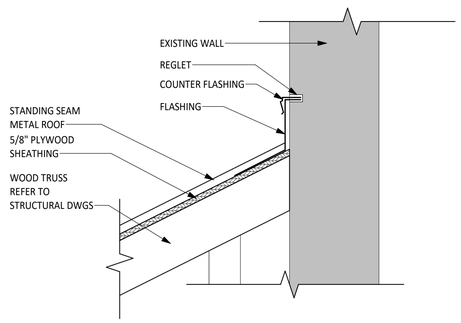
1 SECTION DETAIL
A301 A501
SCALE: 1 1/2" = 1'-0"



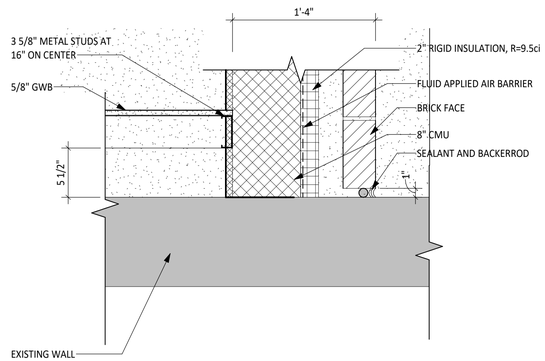
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A102 A501
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3 SECTION DETAIL
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SCALE: 1 1/2" = 1'-0"

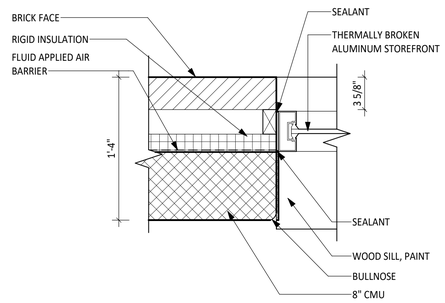
4 JAMB DETAIL
A101 A501
SCALE: 1 1/2" = 1'-0"



5 SECTION DETAIL
A301 A501
SCALE: 1 1/2" = 1'-0"



6 PLAN DETAIL
A101 A501
SCALE: 1 1/2" = 1'-0"



7 JAMB DETAIL
A701 A501
SCALE: 1 1/2" = 1'-0"

0 4" 8" 1'-4"
SCALE: 1 1/2" = 1'-0"

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17679 GYPSY HILL PARK PUMP HOUSE RENOVATIONS BID ALT NO.1

EXTERIOR DETAILS

No.	Date	Purpose of Document Issue

Designed	EFS
Drawn	KCF
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Project No.
18861

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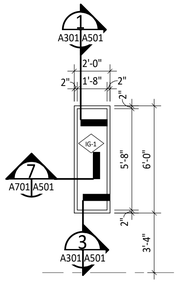
DOOR SCHEDULE

MARK	OPENING SIZE			DOOR					FRAME				DETAILS		REMARKS
	NO OF LEAFS	WIDTH	HEIGHT	MATERIAL	THICKNESS	TYPE	RATING (MIN)	HDW SET NO	TYPE	MATERIAL	DEPTH	PROFILE	HEAD	JAMB	
A105	1	3'-0"	7'-0"	WD	1 3/4"	F	20	1	HM-1	HM	5 7/8"	1	2A501	4A501	
A106	1	2'-0"	7'-0"	WD	1 3/4"	F	20	1	HM-1	HM	5 7/8"	1	2A501	4A501	
A107	1	3'-0"	7'-0"	WD	1 3/4"	F	20	1	HM-1	HM	5 7/8"	1	2A501	4A501	

DOOR SCHEDULE LEGEND	
HM	HOLLOW METAL
SF	ALUMINUM STOREFRONT
WD	WOOD

GENERAL DOOR NOTES:

1. PROVIDE CONTINUOUS BEAD OF SEALANT AT PERIMETER OF EACH SIDE OF OPENING FRAME. COORDINATE SEALANT TYPE WITH SEALANT SCHEDULED IN SPECIFICATIONS.
2. PROVIDE DOORS WITH A 3/4" UNDERCUT (UON).
3. REFER TO SPECIFICATION SECTION 087100 - "DOOR HARDWARE" FOR HARDWARE SETS.

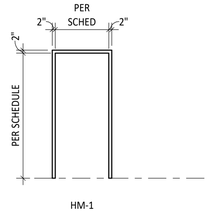


SF-1

GLASS LEGEND

OCCURS WHERE IG-# ARE INDICATED ON DRAWINGS.

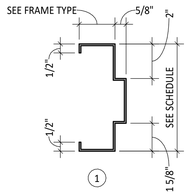
IG-1	1" INSULATED LOW-E GLASS



HM-1

FRAME TYPE

1/4" = 1'-0"



FRAME PROFILE

3" = 1'-0"

GENERAL PARTITION NOTES:

1. REFER TO LIFE SAFETY DRAWINGS FOR LOCATION OF FIRE-RATED/SMOKE PARTITIONS AND BARRIERS.
2. REFER TO STRUCT DWGS TO CONFIRM LOCATIONS THAT REQUIRE A FOUNDATION OR THICKENED SLAB.
3. PROVIDE GROUT AND VERTICAL REINFORCEMENT AT CMU PARTITION TYPES AS REQUIRED BY STRUCT DWGS.
4. EXTEND GWB AND FURRING (WHERE APPLICABLE) TO UNDERSIDE OF DECK IN SPACES NOT SCHEDULED TO RECEIVE FINISH CEILING. REFER TO FINISH SCHEDULE THIS SHEET FOR LOCATIONS.
5. ALL STUDS AND FURRING USED FOR NON-STRUCTURAL INTERIOR PARTITIONS ARE TO BE 25 GA (UON). REFER TO STRUCTURAL DWGS FOR STRUCTURAL STUD REQUIREMENTS.
6. ALL METAL STUDS AT DOOR JAMBS AND BEHIND WALL-MOUNTED SINKS ARE TO BE 20 GA.
7. PROVIDE 5/8-INCH MOISTURE- AND MOLD-RESISTANT GWB IN LIEU OF STANDARD GWB AT JANITOR'S CLOSETS, LAVATORY SPACES, TLT/SHOWER SPACES, LOCKER ROOMS AND OTHER WET WALLS.

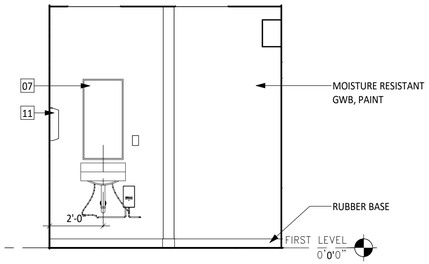
TOILET ACCESSORY LEGEND

TOILET ACCESSORY ITEMS ARE INDICATED ON DRAWINGS BY 00

DESCRIPTION	NUMBER	REMARKS
42" HORIZONTAL GRAB BAR	01	
36" HORIZONTAL GRAB BAR	02	
18" VERTICAL GRAB BAR	03	
TOILET TISSUE DISPENSER	04	
18" x 36" FRAMED MIRROR UNIT	07	
PAPER TOWEL DISPENSER	11	
BABY CHANGING STATION	14	

ALUMINUM STOREFRONT TYPE

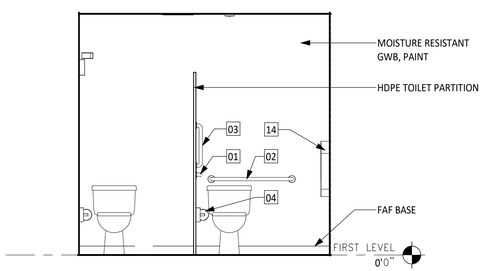
1/4" = 1'-0"



1 INTERIOR ELEVATION

A101 A701

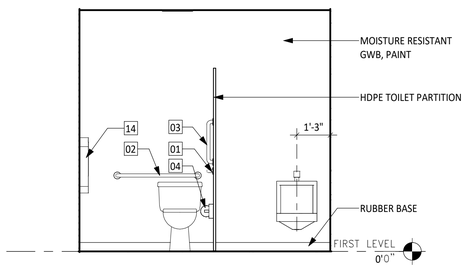
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2 INTERIOR ELEVATION

A101 A701

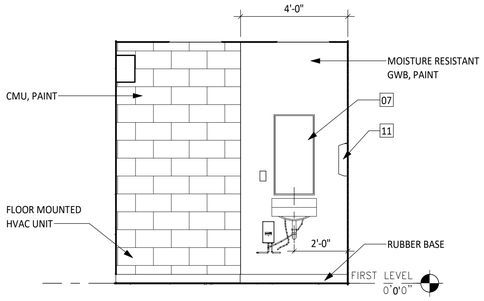
SCALE: 3/8" = 1'-0"



3 INTERIOR ELEVATION

A101 A701

SCALE: 3/8" = 1'-0"



4 INTERIOR ELEVATION

A101 A701

SCALE: 3/8" = 1'-0"

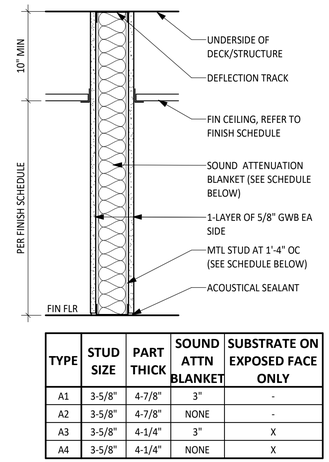
FINISH SCHEDULE

ROOM NO	ROOM NAME	FLOOR	BASE	WALLS				CEILING	
				NORTH	EAST	SOUTH	WEST	MATERIAL	HEIGHT
A101	PRACTICE ROOM	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	10'-0"
A102	MECH	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	9'-0"
A103	OFFICE	CPT-1	RUB	PNT-1	PNT-1	PNT-1	PNT-1	ACT - 1	10'-0"
A104	HALL	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	8'-2 1/2"
A105	WOMENS	FAF-1	RUB	PNT-1	PNT-1	PNT-1	PNT-1	ACT - 1	9'-0"
A106	HALL	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	7'-11 5/16"
A107	MENS	FAF-1	RUB	PNT-1	PNT-1	PNT-1	PNT-1	ACT - 1	9'-0"
A108	STORAGE ROOM	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	10'-0"

GENERAL FINISH NOTES:

1. TRANSITION BETWEEN DIFFERENT FLOOR FINISH MATERIALS OR COLORS SHALL BE PROVIDED UNDER CENTERLINE OF DOORS UNLESS OTHERWISE NOTED.
2. PAINT ALL NEW HOLLOW METAL DOORS AND FRAMES, METAL STAIRS, STEEL PIPE HANDRAILS/GUARDRAILS, AND ALL OTHER MISCELLANEOUS FERROUS METALS WITHIN EACH SPACE.

FINISH SCHEDULE LEGEND	
ACT	ACOUSTIC CEILING TILE
CPT	CARPET
FAF	FLUID APPLIED FLOORING
PNT	PAINTED FINISH (REFER TO PARTITION TYPES FOR SUBSTRATE)
RUB	4-INCH RUBBER WALLBASE

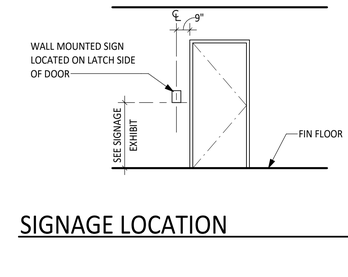


TYPE	STUD SIZE	PART THICK	SOUND ATTN BLANKET	SUBSTRATE ON EXPOSED FACE ONLY
A1	3-5/8"	4-7/8"	3"	-
A2	3-5/8"	4-7/8"	NONE	-
A3	3-5/8"	4-1/4"	3"	X
A4	3-5/8"	4-1/4"	NONE	X

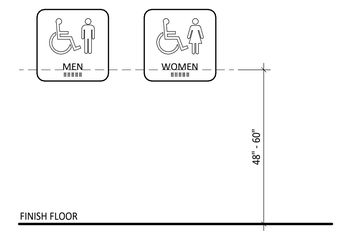
A NON-RATED PARTITION

PARTITION TYPES

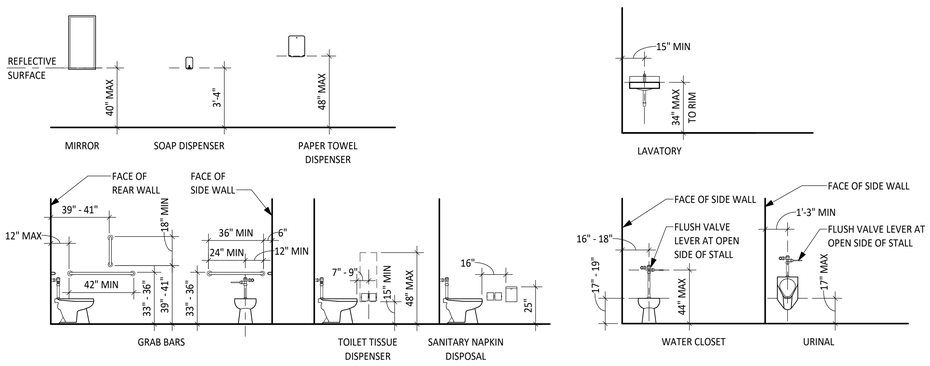
1 1/2" = 1'-0"



SIGNAGE LOCATION

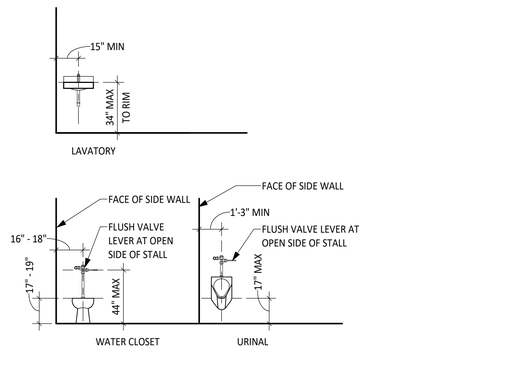


SIGNAGE MOUNTING HEIGHT



TOILET ACCESSORIES MOUNTING SCHEDULE

1/4" = 1'-0"



PLUMBING FIXTURES MOUNTING SCHEDULE

1/4" = 1'-0"

0 4" 8" 1'-4"
SCALE: 1 1/2" = 1'-0"

0 6" 1' 2'
SCALE: 3/8" = 1'-0"

0 2' 4' 8'
SCALE: 1/4" = 1'-0"

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17679 GYPSY HILL PARK PUMP HOUSE RENOVATIONS BID ALT NO.1

DOOR AND FINISH SCHEDULES, NOTES, LEGEND, AND INTERIOR ELEVATION

No.	Date	Purpose of Document Issue

Designed	EFS
Drawn	KCF
Checked	EFS
Date	02/20/2026

Project No. 18861

THOMPSON & LITTON

Sheet No. A701

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GENERAL

1. THE CONTRACTOR SHALL INVESTIGATE ACTUAL LOCATIONS OF UNDERGROUND LINES AND UTILITIES BEFORE EXCAVATING AND ADVISE ENGINEER OF ANY VARIATIONS. ALL EXCAVATIONS NEAR THESE LINES TO BE CARRIED OUT WITH EXTREME CAUTION.

2. THE CONTRACTOR SHALL CONTACT "MISS UTILITY OF VIRGINIA" 72 HOURS BEFORE ANY EXCAVATION WORK IS BEGUN. "MISS UTILITY OF VIRGINIA" MAY BE REACHED AT 1-800-552-7001.

3. THE CONTRACTOR SHALL REFER TO DRAWINGS OF OTHER TRADES AND VENDOR DRAWINGS FOR EMBEDDED ITEMS AND RECESSES NOT SHOWN ON THE STRUCTURAL DRAWINGS.

4. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS OF EXISTING CONSTRUCTION WHICH AFFECT NEW CONSTRUCTION AND REPORT VARIATIONS TO THE ENGINEER PRIOR TO SUBMISSION OF SHOP DRAWINGS.

5. THE CONTRACTOR SHALL VERIFY ALL SIZES AND LOCATIONS OF ALL MECHANICAL AND ELECTRICAL OPENINGS AND EQUIPMENT PADS WITH THE MECHANICAL AND ELECTRICAL EQUIPMENT DETAILS AND SHOP DRAWINGS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ALL OPENINGS AND SLEEVES FOR THE PROPER DISTRIBUTION OF ALL UTILITY LINES THROUGHOUT THE BUILDING.

6. SEE ARCHITECTURAL DRAWINGS FOR THE LOCATION OF WINDOW AND DOOR OPENINGS AND FOR OTHER INFORMATION NOT SHOWN.

7. THE CONTRACTOR SHALL PROVIDE ADEQUATE BRACING FOR THE STRUCTURE SO THAT IT WILL BE STABLE DURING ALL STAGES OF CONSTRUCTION. THE STRUCTURE AND FOUNDATIONS ARE DESIGNED FOR A COMPLETED CONDITION ONLY AND, THEREFORE, REQUIRE ADDITIONAL SUPPORT TO MAINTAIN STABILITY BEFORE COMPLETION.

8. UNLESS OTHERWISE NOTED, ALL ELEVATIONS INDICATED FOR FOUNDATION AND FRAMING WORK ARE REFERENCED TO FIRST FLOOR FINISHED FLOOR DATUM ELEVATION = 0'-0" WHICH SHALL MATCH EXISTING FINISHED FLOOR ELEVATION.

CONCRETE

1. ALL FOUNDATIONS ARE DESIGNED FOR AN ASSUMED ALLOWABLE SOIL BEARING PRESSURE OF 1000 PSF. FOOTINGS ARE TO BEAR ON UNDISTURBED SOIL OR COMPACTED, ENGINEERED FILL. TOP OF ALL PERIMETER FOOTINGS TO BE A MINIMUM OF 2'-0" BELOW FINISHED FLOOR UNLESS NOTED OTHERWISE. ALL FOUNDATION EXCAVATIONS SHALL BE APPROVED BY A QUALIFIED SOILS TECHNICIAN OR ENGINEER. REPORT ANY DISCREPANCIES WITH THE ASSUMED ALLOWABLE BEARING PRESSURE TO THE ENGINEER PRIOR TO PLACING CONCRETE.

2. ALL CONCRETE SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI FOR FOUNDATIONS, 4000 PSI FOR FOUNDATION WALLS AND INTERIOR SLABS-ON-GRADE, AND 5000 PSI FOR EXTERIOR SLAB-ON-GRADE AND ALL OTHER CONCRETE, IN 28 DAYS, UNLESS OTHERWISE NOTED ON THE DRAWINGS OR IN THE SPECIFICATIONS.

3. ALL REINFORCING STEEL SHALL BE GRADE 60, DEFORMED BARS, CONFORMING TO ASTM A615, UNLESS NOTED OTHERWISE.

4. REINFORCING STEEL SHALL NOT BE WELDED UNLESS APPROVED BY THE ENGINEER.

5. ALL DETAILING, FABRICATION, AND PLACING OF REINFORCING STEEL SHALL CONFORM TO THE ACI MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES (ACI SP-66-LATEST EDITION), UNLESS OTHERWISE NOTED.

6. UNLESS NOTED OTHERWISE ON THE DRAWINGS OR IN THE SPECIFICATIONS, ALL CONCRETE COVER FOR REINFORCING STEEL SHALL BE AS FOLLOWS:

   a. 3" FOR CONCRETE CAST AGAINST AND PERMANENTLY IN CONTACT WITH GROUND

   b. 1 ½" FOR #5 BARS AND SMALLER FOR CONCRETE EXPOSED TO WEATHER OR IN CONTACT WITH GROUND

   c. 2" FOR #6 BARS AND LARGER FOR CONCRETE EXPOSED TO WEATHER OR IN CONTACT WITH GROUND

7. ALL BAR SPLICES SHALL BE CLASS "B" TENSION SPLICES, UNLESS NOTED OTHERWISE.

8. ALL EMBEDDED STRUCTURAL STEEL SHALL BE ASTM A-36 UNLESS NOTED OTHERWISE. ANCHOR BOLTS SHALL BE ASTM F1554, GRADE 36, UNLESS OTHERWISE NOTED.

9. PROVIDE AT LEAST (2) - #4 BARS IN SLAB UNDER DOORS AND OTHER OPENINGS. BAR LENGTHS TO BE 4'-0" LONGER THAN OPENINGS CENTERED ON DOORS.

10. PROVIDE (2) - #4 x 4'-0" LONG DIAGONAL BARS IN THE TOP FACE OF SLAB-ON-GRADE AT ALL RE-ENTRANT CORNERS.

11. CHAMFER ALL EXPOSED EXTERNAL CORNERS OF CONCRETE WITH 3/4" X 45 DEGREE CHAMFER, UNLESS NOTED OTHERWISE.

12. REINFORCE ALL CONCRETE SLABS-ON-GRADE WITH #3@18 EW, UNLESS NOTED OTHERWISE.

13. ALL DIMENSIONS AT FLOOR DEPRESSIONS SHALL BE VERIFIED WITH ARCHITECTURAL DRAWINGS PRIOR TO PLACING SLABS.

14. WHERE EPOXY-GROUTING IS CALLED FOR ON DRAWINGS, USE HILTI HY-200 OR APPROVED EQUAL. THE ANCHOR ROD SHALL BE AN ALL-THREADED ROD MEETING THE REQUIREMENTS OF ASTM A36 STEEL.

MASONRY

NOTE: THESE NOTES APPLY TO WALLS SHOWN ON THE STRUCTURAL DRAWINGS ONLY.

1. THE TOP COURSE OF ALL CONCRETE MASONRY WALLS SHALL BE A BOND BEAM REINFORCED WITH (2) - #4 REINFORCING BARS, UNLESS NOTED OTHERWISE.

2. BOND BEAMS SHALL BE CONTINUOUS THROUGH ALL CORNERS AND SHALL TIE ALL WALL TERMINATIONS TO THE PERPENDICULAR WALL AT WALL INTERSECTIONS.

3. UNLESS NOTED OTHERWISE, ALL CONCRETE MASONRY WALLS SHALL BE FULLY GROUTED IN EVERY CELL, AND SHALL HAVE VERTICAL REINFORCEMENT CONSISTING OF (1) - #4 REINFORCING BAR AT A MAXIMUM OF 16-INCHES O.C. PROVIDE (1) - #4 BAR EACH IN THREE CELLS AT ALL WALL CORNERS AND FOUR CELLS AT ALL INTERSECTIONS. PROVIDE (1) - #4 BAR EACH IN LAST TWO CELLS AT ENDS OF WALLS. PROVIDE (1) - #4 BAR ON EACH SIDE OF OPENINGS 4'-0" OR LESS AND (2) - #4 BARS ON EACH SIDE OF OPENINGS 4'-0" TO 10'-0". REINFORCEMENT SHALL EXTEND FROM SUPPORT TO SUPPORT. SEE DETAILS FOR ADDITIONAL INFORMATION ON WALL REINFORCING.

4. ALL CONCRETE MASONRY WALLS SHALL HAVE HORIZONTAL REINFORCEMENT CONSISTING OF (1) - #4 REINFORCING BAR, IN A FULLY GROUTED BOND BEAM, AT THE TOP AND BOTTOM OF ALL WALL OPENINGS, UNLESS OTHERWISE NOTED. REINFORCEMENT SHALL EXTEND A MINIMUM OF 2'-0" PAST THE EDGE OF THE OPENING.

5. ALL CONCRETE MASONRY WALLS SHALL HAVE LADDER-TYPE JOINT REINFORCEMENT, AS DEFINED IN THE SPECIFICATIONS, PLACED HORIZONTALLY AT 8" O.C. BELOW FINISHED FLOOR AND AT 16" O.C. ABOVE FINISHED FLOOR, UNLESS OTHERWISE NOTED. PRE-FABRICATED TEES AND CORNERS SHALL BE USED AT ALL WALL INTERSECTIONS. REINFORCEMENT SHALL EXTEND INTO INTERSECTING WALLS.

6. GROUT FILL ALL CELLS OF CONCRETE MASONRY WALLS CONTAINING REINFORCING BARS AND ALL CELLS BELOW GRADE. GROUT FILL ALL CAVITIES BELOW GRADE IN MULTI-WYTHE WALLS.

WOOD

1. WOOD ROOF TRUSSES SHALL BE DESIGNED AND FABRICATED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE FOLLOWING SPECIFICATIONS: THE NATIONAL DESIGN SPECIFICATIONS FOR STRESS GRADE LUMBER AND ITS FASTENINGS BY NFPA; TIMBER CONSTRUCTION MANUAL, AITC AND THE DESIGN SPECIFICATIONS FOR LIGHT METAL. PLATE CONNECTED WOOD TRUSSES BY THE PLATE TRUSS INSTITUTE.

2. ALL WOOD CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THE AMERICAN INSTITUTE OF TIMBER CONSTRUCTION AND THE NATIONAL FOREST PRODUCTS ASSOCIATION (NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION).

3. THE TRUSSES ARE SHOWN ON THE FRAMING PLAN FOR CLARITY ONLY. ACTUAL TRUSS LAYOUT INCLUDING BRACING, STRAPPING AND CONNECTION DETAILS TO SUPPORTING MEMBERS SHALL BE AS SPECIFIED BY THE MANUFACTURER AND THE DESIGN SHALL BE PERFORMED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF VIRGINIA.

4. SEE THE ARCHITECTURAL DRAWINGS FOR SUPPLEMENTARY INFORMATION.

5. ALL DESIGN, DETAILING, FABRICATION AND ERECTION OF PLYWOOD SHALL BE IN ACCORDANCE WITH THE AMERICAN PLYWOOD ASSOCIATION (APA).

6. UNLESS OTHERWISE NOTED, PLYWOOD SHALL BE INSTALLED CONTINUOUS OVER TWO OR MORE SPANS WITH FACE GRAIN PERPENDICULAR TO SUPPORTS AND NAILED TO ALL SUPPORTS AT 6 INCHES ON CENTER WITH 10d NAILS FOR PANELS 5/8 INCH. PROVIDE EDGE SUPPORT WHERE INDICATED ON DRAWINGS OR AS RECOMMENDED BY APA

RENOVATION AND EXISTING STRUCTURES

1. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, ETC., NECESSARY FOR THE PROPER CONSTRUCTION AND ALIGNMENT OF THE NEW PORTIONS OF THE STRUCTURE TO THE EXISTING STRUCTURE. THE CONTRACTOR SHALL VERIFY ALL MEASUREMENTS NECESSARY FOR PROPER FABRICATION AND ERECTION OF ALL STRUCTURAL MEMBERS.

2. BEFORE PROCEEDING WITH ANY WORK WITHIN OR ADJACENT TO THE EXISTING STRUCTURE, THE CONTRACTOR SHALL BECOME FAMILIAR WITH EXISTING CONDITIONS. DURING THE PROCESS OF CONSTRUCTION, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE INTEGRITY OF THE EXISTING STRUCTURE WHERE THE EXISTING STRUCTURE IS MODIFIED TO ACCOMMODATE NEW CONSTRUCTION AND TO PROTECT FROM DAMAGE THOSE PORTIONS OF THE EXISTING STRUCTURE, WHICH ARE TO REMAIN.

3. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER OF ANY EXISTING CONDITIONS THAT DIFFER FROM THOSE INDICATED ON THE DRAWINGS.

4. ANY DAMAGE TO THE EXISTING STRUCTURE FROM NEW CONSTRUCTION SHALL BE REPAIRED BY THE CONTRACTOR AT NO COST TO THE OWNER.

DESIGN CRITERIA

1. GOVERNING CODES:

2021 VIRGINIA CONSTRUCTION CODE (VCC), PART I OF VIRGINIA
UNIFORM STATEWIDE BUILDING CODE (USBC) EFFECTIVE JANUARY 18, 2024

2021 VIRGINIA EXISTING BUILDING CODE (VEBC), PART II OF VIRGINIA
UNIFORM STATEWIDE BUILDING CODE (USBC) EFFECTIVE JANUARY 18, 2024

FLOOD RESISTANT DESIGN AND CONSTRUCTION, ASCE 24-14

2. ROOF LOADS

METAL ROOFING ..... 2 PSF
SHEATHING ..... 2 PSF
INSULATION ..... 2 PSF
FRAMING ..... 5 PSF
GWB CEILING ..... 3 PSF
ACT CEILING ..... 2 PSF
COLLATERAL ..... 4 PSF

LIVE LOAD ..... 20 PSF

3. SNOW LOADS

ULTIMATE GROUND SNOW LOADS (Pg) ..... 48 PSF
ASD MINIMUM SNOW LOAD (Pm) ..... 30 PSF
ULTIMATE FLAT ROOF SNOW LOAD (Pf) USED W/ DRIFT ..... 40.4 PSF
SNOW IMPORTANCE FACTOR (Is) 1.0
SNOW EXPOSURE FACTOR (Ce) 1.0
THERMAL FACTOR (Ct) 1.2

4. FLOOR LOADS

FLOORING ..... 2 PSF
8 INCH SLAB-ON-GRADE ..... 100 PSF
LIVE LOAD ..... 100 PSF (UNO)

5. WIND LOADS

DESIGN WIND SPEED ..... 115 MPH
ALLOWABLE DESIGN WIND SPEED ..... 89 MPH
EXPOSURE CATEGORY C
OCCUPANCY RISK CATEGORY II
INTERNAL PRESSURE COEFFICIENT (GCpi) ..... ±0.18

COMPONENT AND CLADDING ASD WIND PRESSURES (DO NOT REDUCE LOADS BY A FACTOR OF 0.6):

BUILDING ROOF

ZONE	EFFECTIVE AREA (SF)	PRESSURE (PSF)
1	10	+9.8/-25.0
1	20	+9.6/-24.2
1	50	+9.6/-23.0
1	100	+9.6/-21.7
2	10	+9.8/-30.1
2	20	+9.6/-28.4
2	50	+9.6/-25.0
2	100	+9.6/-23.4
3	10	+9.8/-52.1
3	20	+9.6/-47.0
3	50	+9.6/-41.1
3	100	+9.6/-36.9

BUILDING WALL

ZONE	EFFECTIVE AREA (SF)	PRESSURE (PSF)
4	10	+20.0/-21.7
4	20	+19.1/-20.8
4	50	+18.3/-19.1
4	100	+17.4/-18.6
4	200	+15.7/-17.6
4	500	+14.9/-16.6
5	10	+20.0/-26.7
5	20	+19.1/-25.0
5	50	+18.3/-22.5
5	100	+17.4/-20.8
4	200	+15.7/-19.1
5	500	+14.9/-16.6

CORNER AND EDGE ZONES ARE 4'-0" WIDE.
(POSITIVE INDICATES PRESSURE ACTING TOWARD SURFACE AND
NEGATIVE INDICATES PRESSURE ACTING AWAY FROM THE SURFACE)

5. SEISMIC LOADS:

MAPPED SPECTRAL RESPONSE ACCELERATION (0.2-SEC, S_s) 0.170
MAPPED SPECTRAL RESPONSE ACCELERATION (1.0-SEC, S_1) 0.058
DESIGN SPECTRAL RESPONSE ACCELERATION (0.2-SEC, S_{DS}) 0.140
DESIGN SPECTRAL RESPONSE ACCELERATION (1.0-SEC, S_{D1}) 0.082
OCCUPANCY RISK CATEGORY II
SEISMIC IMPORTANCE FACTOR 1.0
SOIL SITE CLASSIFICATION ..... D
SEISMIC DESIGN CATEGORY ..... B
ANALYSIS PROCEDURE USED: EQUIVALENT LATERAL FORCE

BUILDING SYSTEM: BEARING WALL SYSTEMS
SEISMIC-FORCE RESISTING SYSTEM: INTERMEDIATE REINFORCED MASONRY SHEAR WALLS

RESPONSE MODIFICATION FACTOR (R) 3.5
SYSTEM OVER-STRENGTH FACTOR (Ω_0) 2.5
DEFLECTION AMPLIFICATION FACTOR (C_d) 2.25
SEISMIC RESPONSE COEFFICIENT (C_s) ..... .040
BASE DESIGN SHEAR (ASD) 2.32K

6. FLOOD LOADS (REFERENCED FEMA FIRM MAP DATED 2023):

FLOOD CLASS II
FLOOD ZONE ..... AE
FINISHED FLOOR ELEVATION ..... 1437.00 FT
BASE FLOOD ELEVATION, BFE ..... 1438.3 FT
FREEBOARD ..... 1.0 FT
HYDROSTATIC DESIGN FLOOD ELEVATION, DFE ..... 1439.3 FT
HYDRODYNAMIC DESIGN FLOOD ELEVATION, DFE ..... 1439.5 FT

Seal
COMMONWEALTH OF VIRGINIA
KEITH A. ALMONEY
Lic. No.38285
2-20-2026
PROFESSIONAL ENGINEER

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
GYPSY HILL PARK PUMP HOUSE RENOVATIONS BID ALT NO.1

GENERAL NOTES AND DESIGN CRITERIA

No.	Date	Purpose of Document Issue

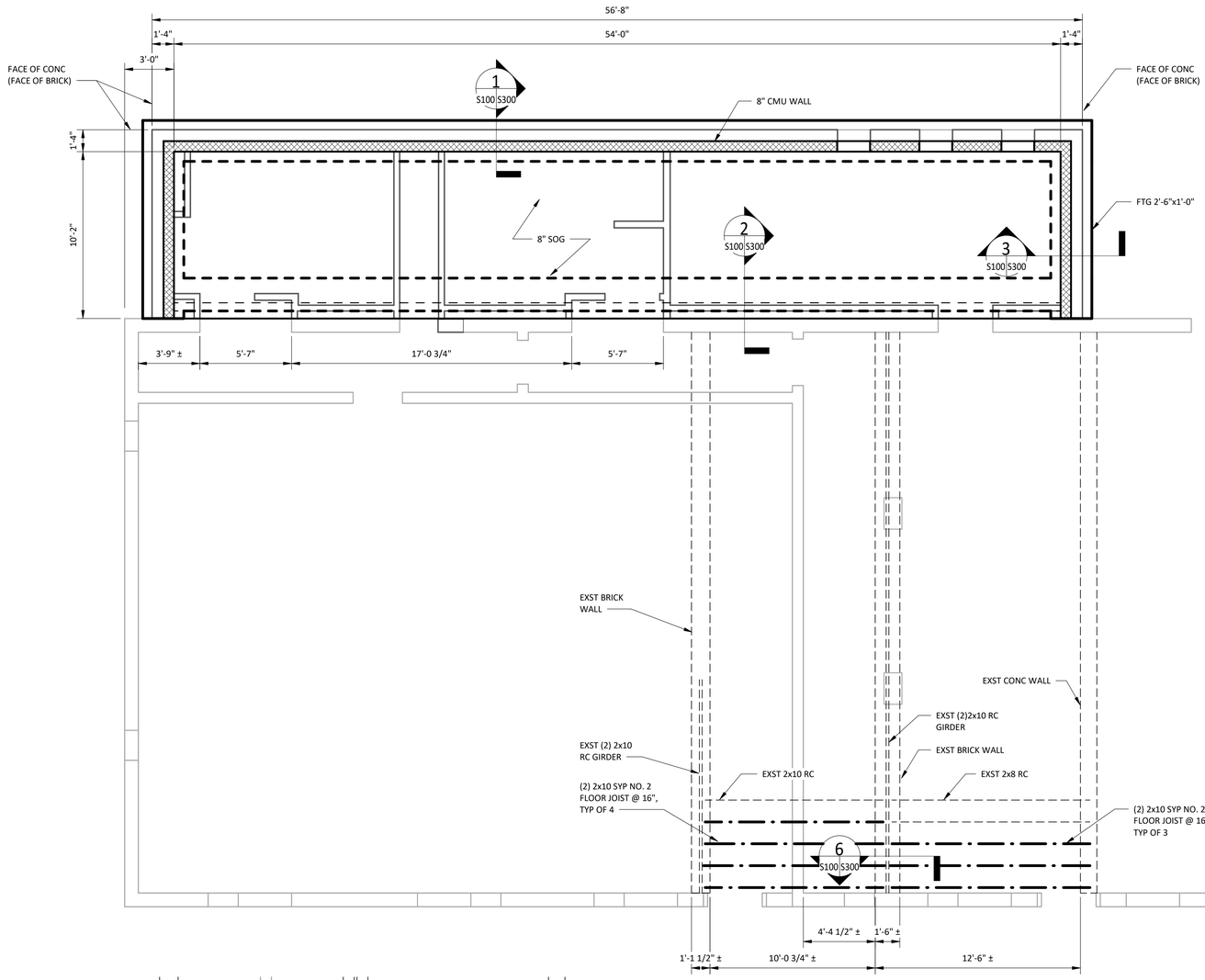
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Checked	KAA
Date	02/20/2026

Project No.
18861

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Sheet No.
S001

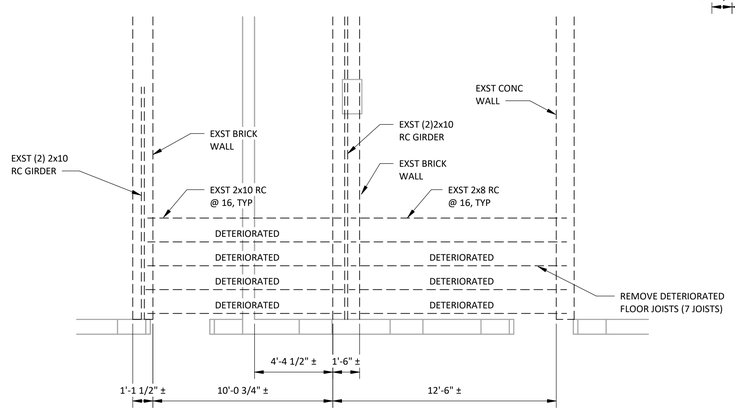
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FOUNDATION/SLAB PLAN

1/4" = 1'-0"

PLAN NORTH



DEMOLITION PLAN

1/4" = 1'-0"

PLAN NORTH

SHEET NOTES:

1. SEE SHEET S001 FOR GENERAL NOTES.
2. SEE SHEET S200 FOR TYPICAL DETAILS.
3. SEE SHEET S300 FOR SECTIONS AND DETAILS.
4. SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF DOORS, WINDOWS, AND WALLS.

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FOUNDATION/SLAB PLAN

No.	Date	Purpose of Document Issue

Designed	KAA
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Date	02/20/2026

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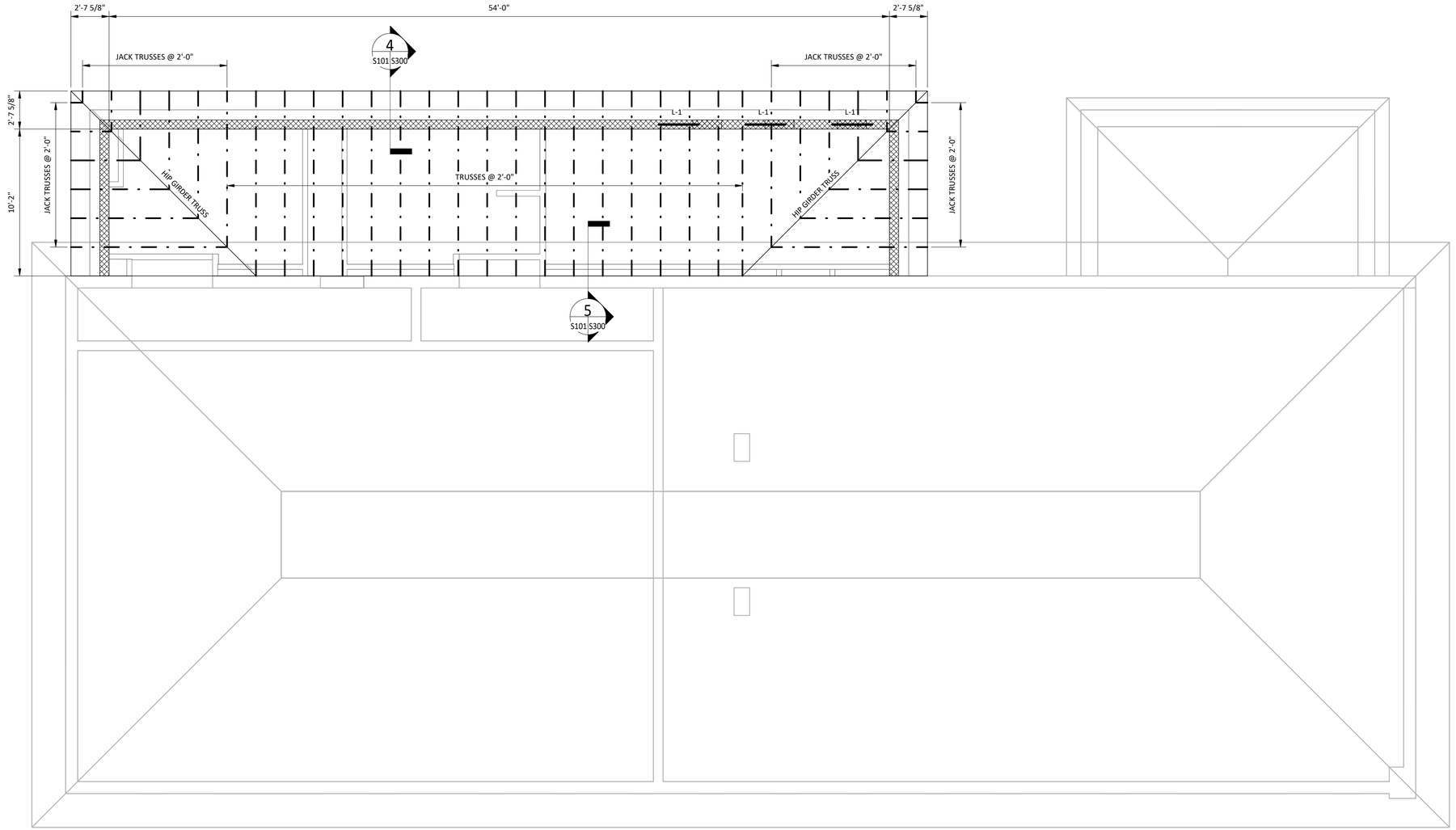
Sheet No.
S100

0 2' 4' 8'
SCALE: 1/4" = 1'-0"

GYPSY HILL PARK PUMP HOUSE RENOVATIONS BID ALT NO.1

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ROOF FRAMING PLAN

1/4" = 1'-0"

PLAN NORTH

0 2' 4' 8'

SCALE: 1/4" = 1'-0"

SHEET NOTES:

1. SEE SHEET S001 FOR GENERAL NOTES.
2. SEE SHEET S200 FOR TYPICAL DETAILS.
3. SEE SHEET S300 FOR SECTIONS AND DETAILS.
4. SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF DOORS, WINDOWS, AND WALLS.

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GYPSY HILL PARK PUMP HOUSE RENOVATIONS BID ALT NO.1

FRAMING PLAN

No.	Date	Purpose of Document Issue

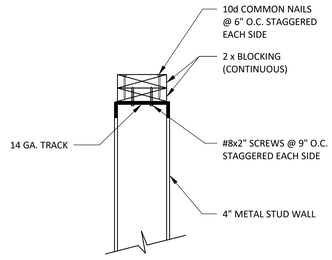
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Date	02/20/2026

Project No.
18861

THOMPSON & LITTON

Sheet No.
S101

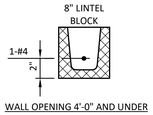
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NOTE:
ALL SILL PLATES SHALL BE NO. 2 SYP
OR APPROVED EQUAL.

TYPICAL DETAIL-WOOD BLOCKING ATTACHMENT

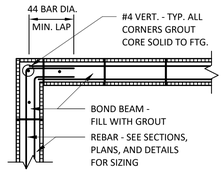
NOT TO SCALE



WALL OPENING 4'-0" AND UNDER

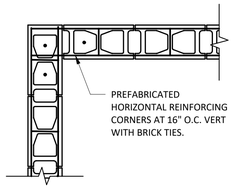
TYPICAL DETAIL-MASONRY LINTELS

NOT TO SCALE



TYPICAL DETAIL-BOND BEAM REINFORCING AT CORNER

NOT TO SCALE



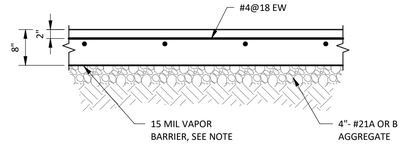
TYPICAL DETAIL-INTERSECTION OF MASONRY WALLS UNO

NOT TO SCALE

GRADE 60 REINFORCING BAR LAP SPLICE (INCHES)

F'c (PSI)	BAR TYPE	#3	#4	#5	#6	#7	#8
3000	TOP BARS	28	37	47	56	81	93
3000	OTHER BARS	22	29	36	43	63	72
4000	TOP BARS	24	32	40	48	70	80
4000	OTHER BARS	19	25	31	37	54	62
5000	TOP BARS	22	29	36	43	63	72
5000	OTHER BARS	17	22	28	33	49	55

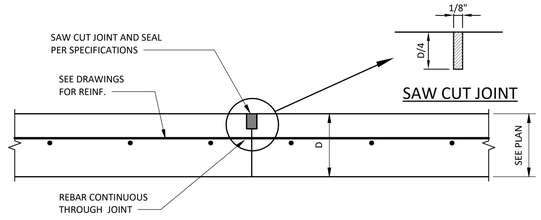
TOP BAR IS HORIZONTAL REINFORCEMENT SO PLACED THAT MORE THAN
12 INCHES OF FRESH CONCRETE IS CAST IN THE MEMBER BELOW THE BAR.



NOTE:
PROVIDE VAPOR BARRIER UNDER SHOWER SLAB
AND UNDER NEW BATHROOM ADDITION SLAB.

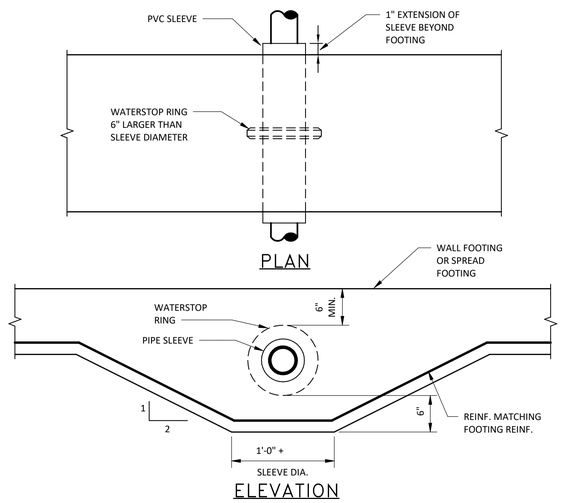
TYPICAL DETAIL-8" SLAB-ON-GRADE

NOT TO SCALE



TYPICAL DETAIL-CONTROL JOINT FOR SLAB-ON-GRADE

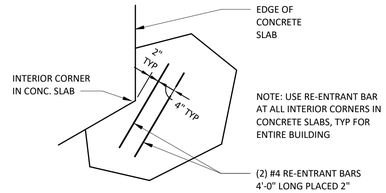
NOT TO SCALE



NOTE:
THICKEN FOOTING WHEN PIPE PASSES THROUGH FOOTING OR IS WITHIN 12"
OF THE BOTTOM OF THE FOOTING. WHEN PIPE IS 12" TO 24" BELOW BOTTOM
OF FOOTING, SLEEVE PIPE AND BACKFILL TRENCH WITH AGGREGATE.

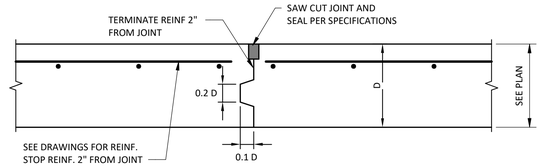
TYPICAL DETAIL- PIPE SLEEVE THROUGH FOOTING

NOT TO SCALE



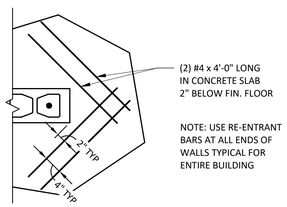
TYPICAL DETAIL-SLAB RE-ENTRANT BAR

NOT TO SCALE



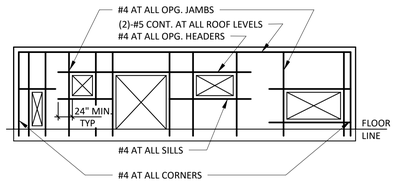
TYPICAL DETAIL-CONSTRUCTION JOINT FOR SLAB-ON-GRADE

NOT TO SCALE



TYPICAL DETAIL-SLAB RE-ENTRANT BAR AT WALL ENDS

NOT TO SCALE



MIN. SEISMIC REINFORCING REQUIRED IN ALL CMU WALLS
(IN ADDITION TO HORIZ. JOINT REINFORCING)

TYPICAL DETAIL-SEISMIC REINFORCING IN CMU WALLS

NOT TO SCALE

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2-20-2026
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CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
GYPSY HILL PARK PUMP HOUSE RENOVATIONS BID ALT NO.1

TYPICAL DETAILS

No.	Date	Purpose of Document Issue

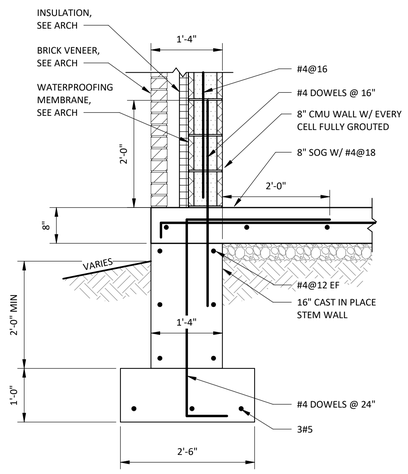
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Project No.
18861

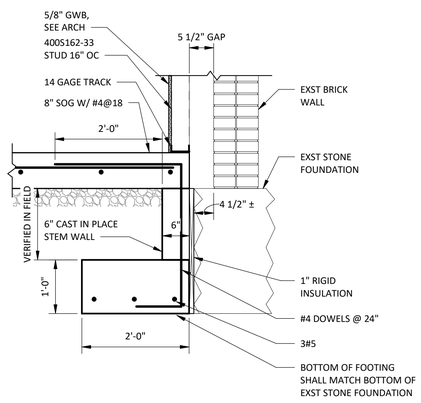
THOMPSON & LITTON

Sheet No.
S200

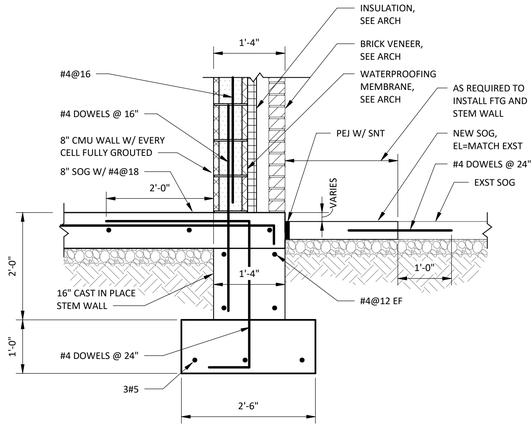
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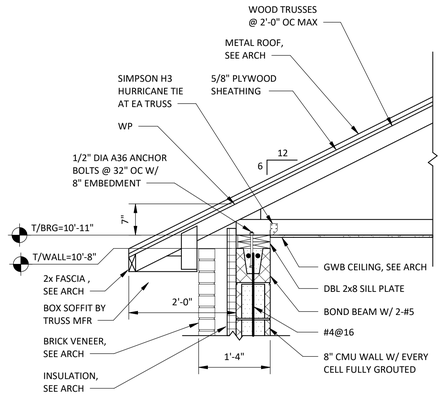
SECTION 1
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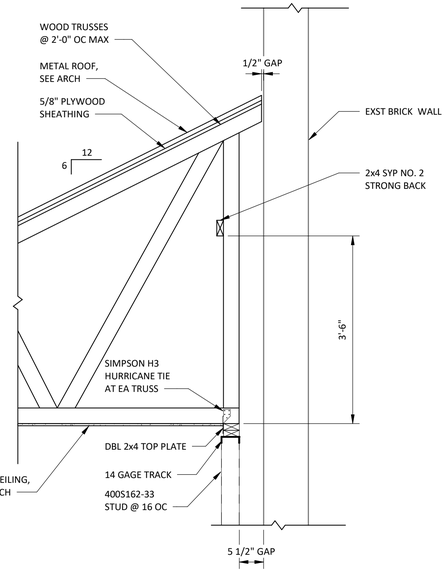
SECTION 2
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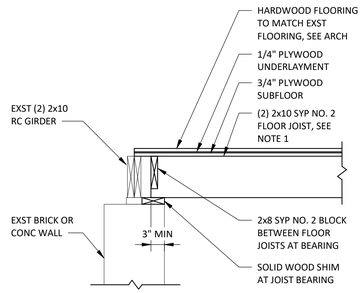
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SCALE: 3/4" = 1'-0"



SECTION 4
SCALE: 3/4" = 1'-0"

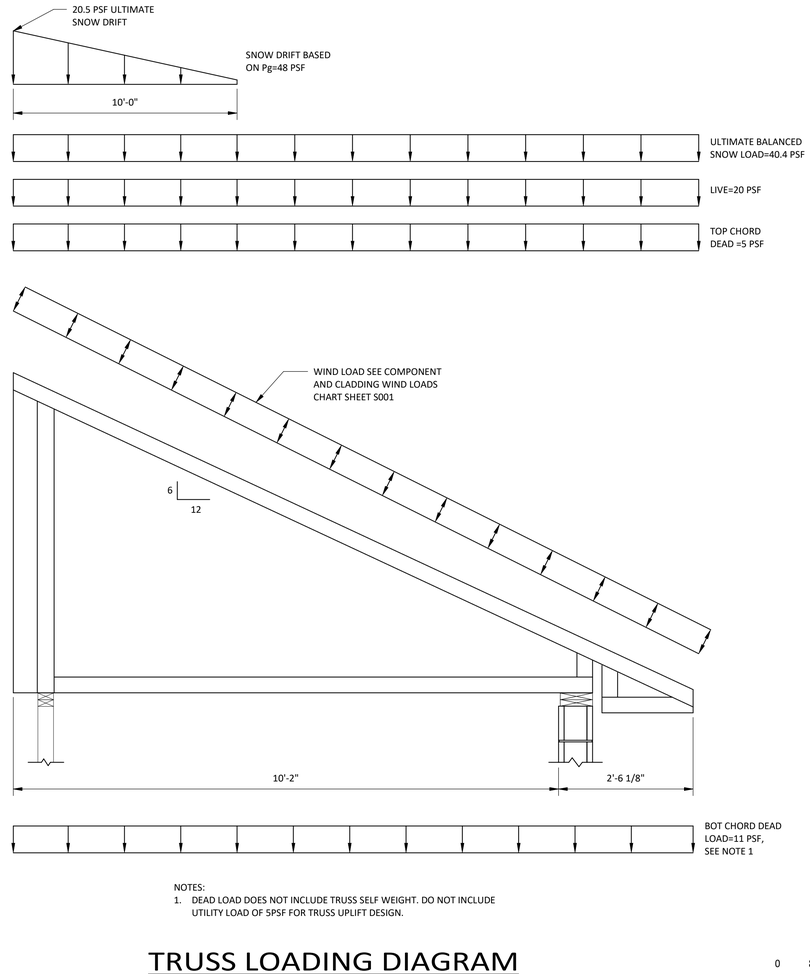


SECTION 5
SCALE: 3/4" = 1'-0"



NOTES:
1. INSTALL JOIST AT ELEVATION TO PROVIDE FLAT LEVEL FLOOR WITH EXISTING FLOOR.

SECTION 6
SCALE: 3/4" = 1'-0"



NOTES:
1. DEAD LOAD DOES NOT INCLUDE TRUSS SELF WEIGHT. DO NOT INCLUDE UTILITY LOAD OF 5PSF FOR TRUSS UPLIFT DESIGN.

TRUSS LOADING DIAGRAM

NOT TO SCALE

0 8" 1'-4" 2'-8"
SCALE: 3/4" = 1'-0"

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CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
GYPSY HILL PARK PUMP HOUSE RENOVATIONS BID ALT NO.1

SECTIONS AND DETAILS

No.	Date	Purpose of Document Issue

Designed	KAA
Drawn	MLT
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Date	02/20/2026

Project No.
18861

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Sheet No.
S300

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TYPICAL PLUMBING NOTES:

1. COORDINATE WITH ARCHITECTURAL PLANS FOR ALL FIRE RATED BUILDING ASSEMBLIES, PROVIDE AND INSTALL U.L. RATED FIRE-STOP ASSEMBLIES IN ANY SUCH AREAS AS REQUIRED BY CODE.
2. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING A BID.
3. WORKMANSHIP: PLUMBING FIXTURES AND ACCESSORIES SHALL BE INSTALLED IN A NEAT WORKMANLIKE MANNER. UNSIGHTLY INSTALLATIONS SHALL BE REMOVED OR REWORKED AT NO EXPENSE TO THE OWNER.
4. SEAL ALL WALL, ROOF AND FLOOR PENETRATIONS BY PLUMBING SERVICE AIR AND WATER TIGHT.
5. PROVIDE CHROME-PLATED ESCUTCHEONS AT ALL EXPOSED PIPE PENETRATIONS THROUGH WALLS.
6. COORDINATE ALL PENETRATIONS OF FLOOR SLABS, ROOF AND WALLS WITH STRUCTURAL DRAWINGS.
7. CONTRACTOR SHALL REMOVE EXISTING PLUMBING FIXTURES, ALL ASSOCIATED ACCESSORIES AND MATERIALS AS SHOWN AND TURN OVER TO OWNER OR REMOVE FROM THE SITE LEGALLY IF SO DIRECTED BY THE OWNER.
8. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY EXISTING CONDITIONS BEFORE DEMOLITION WORK BEGINS. REPORT ANY DISCREPANCIES BETWEEN THE PLANS AND ACTUAL FIELD CONDITIONS TO THE ARCHITECT / ENGINEER PRIOR TO THE COMMENCEMENT OF DEMOLITION WORK.
9. DEMOLITION OF BATHROOMS AND OFFICE CAN ALL BE DONE AT ONCE, TO BE IMMEDIATELY FOLLOWED BY NEW CONSTRUCTION. DEMOLITION OF BAND ROOM FLOORS TO BE IMMEDIATELY FOLLOWED BY NEW CONSTRUCTION. SCHEDULE NEW AND DEMOLITION WORK IN ADVANCE WITH THE OWNER.
10. SERVICE VALVES SHALL BE FURNISHED AND INSTALLED ON ALL HOT AND COLD WATER LINES AT EQUIPMENT IN AN ACCESSIBLE POSITION.
11. COORDINATE WITH APPROVED ARCHITECTURAL DRAWINGS BEFORE ROUGHING-IN PLUMBING
12. ALL FLOOR DRAINS AND OPEN HUB DRAINS SHALL BE INSTALLED WITH DEEP SEAL P-TRAPS. PROVIDE TRAP PRIMERS WHERE SHOWN ON PLAN AND AT ALL LOCATIONS REQUIRED BY CODE AND LOCAL AUTHORITY.
13. SLOPES OF SANITARY WASTE AND VENT SHALL BE ESTABLISHED AND VERIFIED BY CONTRACTOR PRIOR TO PIPING BEING INSTALLED IN ORDER THAT PROPER SLOPES WILL BE MAINTAINED AND NECESSARY INVERT ELEVATIONS OBTAINED.
14. CONTRACTOR SHALL PROVIDE ALL VALVES, PRESSURE REDUCING VALVES, SHOCK ABSORBERS AND ACCESSORIES TO COMPLETELY INSTALL ALL EQUIPMENT TO MAKE A COMPLETE INSTALLATION.
15. THE CONTRACTOR SHALL INSTALL ALL OWNER FURNISHED EQUIPMENT WITH ALL ITEMS TO MAKE EQUIPMENT OPERABLE.
16. ALL VENTING OF FIXTURES SHALL COMPLY WITH LOCAL CODES AND ORDINANCES.
17. USE DIELECTRIC UNIONS WHERE PIPE OF DIFFERENT METALS ARE JOINED.
18. MAKE PROPER HOT & COLD WATER, WASTE, VENT ETC. PIPING CONNECTIONS TO ALL FIXTURES AND EQUIPMENT EVEN THOUGH ALL BRANCH RUNS, ELBOWS AND CONNECTIONS ARE NOT SHOWN
19. PVC OR OTHER PLASTIC COMPOSITE PIPING SHALL NOT BE INSTALLED IN RETURN AIR PLENUMS.
20. CLEANOUTS FOR SOIL AND WASTE LINES SHALL BE INSTALLED WHERE INDICATED ON THE DRAWINGS AND EVERY 90-DEGREE CHANGE IN DIRECTION.
21. ALL PIPING SHOWN ON THESE PLANS ARE TO BE ROUTED ABOVE CEILINGS, BELOW FLOORS AND IN CHASES UNLESS OTHERWISE NOTED.
22. SEE SITE PLAN FOR EXTENT OF ALL PIPING LEAVING OR ENTERING THE BUILDING.
23. CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS FOR DEMOLITION AND CONSTRUCTION. PERMIT FEES SHALL BE WAIVED BY THE CITY.
24. ALL FLOOR OPENINGS ARE TO BE SEALED AIR AND WATER TIGHT BY MEANS OF SLEEVES.
25. ALL HORIZONTAL AND VERTICAL PIPING LINES EXTENDED AND CONNECTED TO EQUIPMENT SHALL BE RUN AT THE HIGHEST POSSIBLE ELEVATION AND NOT LESS THAN 4" ABOVE FLOOR TO PROVIDE CLEARANCE FOR CLEANING. AT WALL OR COLUMN LOCATIONS, PIPING ROUGH IN SHALL BE STUBBED IN WALLS WHEREVER POSSIBLE.
26. EXISTING CONDITIONS SHOWN HEREIN WERE TAKEN FROM SITE OBSERVATIONS, ORIGINAL DESIGN DRAWINGS AND AS-BUILT DOCUMENTATION WHERE AVAILABLE; ANY DISCREPANCIES BETWEEN THE PLANS AND ACTUAL FIELD CONDITIONS SHALL BE REPORTED TO THE ARCHITECT / ENGINEER.
27. IN AREAS WHERE A WATER LINE IS TO BE LOCATED IN AN EXTERIOR WALL, THE PIPE IS TO BE PLACED ON THE INSIDE (LIVING SIDE) OF THE INSULATION.
28. DOMESTIC WATER INSULATION SHALL BE FIBERGLASS PIPE INSULATION MINIMUM DENSITY 3.5 PCF; 1/2" THICKNESS FOR COLD WATER AND 1" THICKNESS FOR HOT WATER.
29. WASTE AND VENT PIPE TO BE SCHEDULE 40 PVC; DOMESTIC WATER PIPE TO BE TYPE L OR K HARD DRAWN COPPER.
30. EQUIPMENT AND MATERIALS SUBMITTED AS ALTERNATES TO THE SPECIFIED DATA MUST BE CLEARLY MARKED AS TO THE DIFFERENCES IN SUBMITTED VERSUS SPECIFIED. FAILURE TO CLEARLY MARK THE SUBMITTALS AS SUCH IS GROUNDS FOR REJECTION. SUBMITTALS NOT CLEARLY MARKED AS BEING ALTERNATE TO THE SPECIFIED DATA CAN BE ASSUMED TO MEET ALL SPECIFIED REQUIREMENTS AND PROVIDER IS RESPONSIBLE TO PROVIDE AS SUCH.
31. CONTRACTOR IS TO REFER TO THE ARCHITECTURAL PLANS FOR THE LOCATION AND ELEVATIONS OF ALL ADA FIXTURES.
32. THE "REDUCTION IN LEAD IN DRINKING WATER ACT" REQUIRES MATERIALS AND FIXTURES USED FOR DELIVERY OF POTABLE WATER TO CONTAIN LESS THAN 0.2% LEAD FOR SOLDER AND FLUX, AND NOT MORE THAN A WEIGHT AVERAGE OF 0.25% LEAD FOR PIPES FITTING AND FIXTURES. EXCLUDED FROM THIS ACT ARE TOILETS, BIDETS, URINALS, FLUSH VALVES, TUB FILLERS, SHOWER VALVES. IT IS THE INTENT OF THIS PROJECT TO CONFORM WITH THE REQUIREMENTS OF THE 2014 LEAD FREE ACT. EVERY EFFORT HAS BEEN MADE TO CALL FOR FIXTURES THAT COMPLY WITH THE ACT. EVEN SO, IT SHALL BE THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR TO INSTALL PRODUCTS THAT COMPLY WITH THE 2014 LEAD FREE SAFE WATER DRINKING ACT.
33. CONTRACTOR SHALL COORDINATE INSTALLATION OF EQUIPMENT WITH ELECTRICAL EQUIPMENT'S REQUIRED WORKING SPACE AND DEDICATED EQUIPMENT SPACE AS DEFINED IN NEC ARTICLE 110.26 (A) & (E). NO PIPING, DUCTS, LEAK PROTECTION APPARATUS, OR OTHER EQUIPMENT FOREIGN TO THE ELECTRICAL INSTALLATION SHALL BE LOCATED IN THE DEDICATED ELECTRICAL SPACE. SEE ELECTRICAL PLANS FOR EQUIPMENT LOCATIONS.

FIXTURE CONNECTION SCHEDULE

"P" NO.	DESCRIPTION	H.W.	C.W.	TRAP	WASTE	VENT
P-1	WATER CLOSET (H.C.)	--	1/2"	3"	3"	2"
P-2	LAVATORY (H.C.)	1/2"	1/2"	1 1/4"	2"	1 1/2"
P-3	URINAL	--	3/4"	3"	3"	2"
P-4	FLOOR DRAIN	--	--	3"	3"	1 1/2"

WATER HEATER SCHEDULE (ELECTRIC)

WATER HEATER	MODEL	TURN-ON FLOW RATE GPM	H.W. SIZE	C.W. SIZE	LOCATION	VOLTAGE	WATTS
WH1	FLOWCO SPEX1812T EE	0.2	3/8"	3/8"	POINT OF USE	120 V	1.8kW
WH2	FLOWCO SPEX1812T EE	0.2	3/8"	3/8"	POINT OF USE	120 V	1.8kW

PLUMBING SPECIFICATIONS

PART 1. GENERAL:

1.01. PLUMBING SYSTEMS: WORK INCLUDED UNDER THIS SECTION CONSISTS OF PLUMBING WORK, PRINCIPAL SYSTEMS OF WHICH ARE AS FOLLOWS:

A. WATER SUPPLY SYSTEM: MAKE CONNECTIONS TO EXISTING WATER SYSTEMS. EXTEND AND CONNECT HOT AND COLD WATER TO FIXTURES AND EQUIPMENT PROVIDED UNDER THIS AND OTHER SECTIONS.
B. WASTE PIPING SYSTEM: PROVIDE SANITARY WASTE DRAINAGE AND VENT PIPING INCLUDING CONNECTING FIXTURES PROVIDED UNDER THIS AND OTHER SECTIONS.
C. PLUMBING FIXTURES: PROVIDE PLUMBING FIXTURES, TRIM AND RELATED ITEMS SUCH AS SUPPLIES, TRAPS, DRAINS, CLEANOUTS, WATER CLOSETS SEATS AND COVERS, FIXTURE SUPPORTS AND OTHER ACCESSORY ITEMS.

PART 2. PRODUCTS:

2.01. BACKFLOW PREVENTERS:

A. BACKFLOW PREVENTERS WHERE REQUIRED BY LOCAL AUTHORITIES SHALL BE WATTS NO. 900 SERIES, OR APPROVED SUBSTITUTE, COMPLETE WITH GATE VALVES, STRAINERS, TEST COCKS INSTALLED WITH REQUIRED AIR GAP AT VENT OPENING TO DRAIN LINE.
B. ALL BACKFLOW PREVENTERS SHALL BE COMPLETE WITH FUNNEL AND REQUIRE AIR GAP, PIPE DISCHARGE TO NEAREST SUITABLE DRAIN.

2.02. ACCESS PANELS:

PROVIDE MINIMUM 12" X 12" ACCESS PANELS AT LOCATIONS NECESSARY FOR ACCESS TO VALVES, SHOCK ABSORBERS, TRAP PRIMERS, ETC. COORDINATE LOCATION OF ACCESS PANELS WITH GENERAL CONTRACTOR.

2.03. INTERIOR WATER PIPING:

A. PIPING ABOVE GROUND: PIPING 3" AND SMALLER SHALL BE ASTM B-88 HARD DRAWN TYPE L COPPER ASSEMBLED WITH WROUGHT COPPER SOLDER FITTINGS. PIPING LARGER THAN 3" SHALL BE ASTM 1-120-55 GALVANIZED STEEL WITH GALVANIZED MALLEABLE IRON FITTINGS.
B. PIPING BELOW GROUND: ALL PIPING SHALL BE TYPE K COPPER, ASTM B-88.
C. BRASS OR BRONZE ADAPTOR FITTING SHALL BE USED WHERE NECESSARY AND SHALL BE IRON PIPE SIZE AND THICKNESS WHERE REQUIRED FOR FIXTURE OR EQUIPMENT CONNECTIONS. CONNECTIONS OF COPPER PIPE TO FERROUS PIPE SHALL BE MADE WITH DIELECTRIC UNIONS OR COUPLINGS.

2.04. INTERIOR SANITARY SEWERS:

A. WASTE AND VENT PIPING ABOVE GRADE SHALL BE SCHEDULE 40 PVC WITH D.W.V. FITTINGS. PVC PIPE SHALL NOT BE USED IN RETURN AIR PLENUMS.
B. CONTRACTOR'S OPTION: NO HUB CAST IRON TYPE CIS.

2.05. CLEANOUTS

A. CLEANOUTS SHALL BE JOSAM, J.R. SMITH, ZURN, OR APPROVED SUBSTITUTE, AND SHALL BE INSTALLED FULL SIZE OF TRAP OR PIPE. FULL SIZE WYE AND TEE BRANCHES SHALL BE PROVIDED FOR CLEANOUTS AS REQUIRED BY CONDITIONS AT THE BUILDING. CLEANOUT PLUGS SHALL BE CAST IRON WITH NEOPRENE OR LEAD SEALS AND SHALL BE LUBRICATED.
B. CLEANOUTS: (ZURN NUMBERS LISTED):
(1) EXTERIOR: ZN-1420-27, CAST IRON CUTOFF FERRULE WITH ROUND SCORIATED FRAME AND COVER, SECURED.
(2) FINISHED CONCRETE FLOORS: ZN-1405-2, INSIDE CAULK ROUND NICKEL ALLOY SCORIATED FRAME AND COVER.
(3) CERAMIC TILE FLOORS: ZN-1405-3 EQUAL INSIDE CAULK WITH ROUND NICKEL ALLOY SCORIATED FRAME AND COVER.
(4) RESILIENT TILE FLOORS: ZN-1405-7, INSIDE CAULK WITH ROUND RECESSED NICKEL ALLOY SMOOTH ROUND FRAME AND COVER.
(5) WALL: ZN-1445 WITH ACCESS COVER.
(6) NOTE: USE CLAMPING DEVICE ON CLEANOUTS THAT OCCUR IN FLOORS HAVING WATERPROOF MEMBRANE.

2.06. PLUMBING FIXTURES:

A. PROVIDE PLUMBING FIXTURES AND DRAINS AS LISTED AND DESCRIBED HEREIN. EQUAL FIXTURES BY ELJER, CRANE, OR KOHLER WILL BE CONSIDERED EQUAL.
B. ALL FIXTURES DESIGNED FOR HANDICAP USE SHALL BE MOUNTED AT HANDICAP HEIGHT AS INDICATED BY HANDICAP CODE USED IN LOCAL AREA.
C. CHINA OR ENAMEL FIXTURES TO BE WHITE COLOR.
D. COUNTERTOP SINKS TO BE PROVIDED COMPLETE WITH HUDEE AND OTHER NECESSARY MOUNTING RIMS.
E. DRAINS TO BE JOSAM, ZURN, J.R. SMITH OR WADE
F. STAINLESS STEEL SINKS SHALL BE ELKAY, JUST, OR APPROVED SUBSTITUTE.
G. ELECTRIC WATER COOLERS SHALL BE HALSEY TAYLOR, CORDLEY, ELKAY, OASIS, SUNROC OR APPROVED SUBSTITUTE.

2.07. INSULATION (DOMESTIC WATER):

INSULATE DOMESTIC HOT AND COLD WATER LINES WITH (A) FLEXIBLE TUBULAR ELASTOMERIC SLIP-ON FLEXIBLE TYPE ½" FOR C.W. AND ¾" FOR H.W. UNLESS NOTED OTHERWISE, (B) FOR PIPING ABOVE FINISHED CEILING INSULATE WITH 1 ½" THICK, 4 LB. DENSITY SNAP-ON TYPE FIBERGLASS WITH FACTORY APPLIED JACKET WITH REINFORCED VAPOR BARRIER.

PART 3. EXECUTION:

3.01. DOMESTIC WATER PIPING:

A. FROM COLD WATER MAIN EXTEND DISTRIBUTION MAINS, RISERS, AND BRANCHES TO ALL EQUIPMENT AND FIXTURES REQUIRING COLD WATER CONNECTIONS. FROM HOT WATER GENERATORS EXTEND SIMILAR LINES TO ALL EQUIPMENT AND FIXTURES REQUIRING HOT WATER CONNECTIONS. INSTALL A VALVE IN EACH MAJOR BRANCH TAKE-OFF IN THE HOT AND COLD WATER DISTRIBUTION MAINS AND ELSEWHERE AS NECESSARY FOR CONTROL OF THE SYSTEM OR AS SHOWN ON THE DRAWINGS.
B. WATER SUPPLY PIPING SHALL BE RUN SO THAT THE SYSTEM CAN BE DRAINED AT THE LOW POINT BY OPENING VALVES; PROVIDE DRAIN VALVES AT LOW POINTS, ¾" SIZE IF NOT OTHERWISE NOTED. RUN PIPING CONCEALED IN CHASES, PIPE SHAFTS, AND SPACE ABOVE CEILINGS THROUGHOUT FINISHED SPACES, EXCEPT AT FIXTURE CONNECTIONS AND ELSEWHERE AS SPECIFICALLY NOTED OTHERWISE.

3.02. WASTE, VENT, AND DRAINAGE:

A. USE REDUCING FITTINGS FOR CHANGES IN PIPE SIZE.
B. FITTINGS FOR WASTE, VENT, AND DRAINAGE PIPING TO BE DRAINAGE PATTERN TYPE.
C. SOIL, WASTE, AND VENT PIPING ABOVE GROUND SHALL BE CONCEALED IN WALLS, CHASES, PIPE SHAFTS AND CEILING SPACES, EXCEPT IN EQUIPMENT ROOMS AND SIMILAR UNFINISHED AREAS AND ELSEWHERE AS SPECIFICALLY INDICATED OTHERWISE. ALL SOIL AND WASTE PIPING INSIDE THE BUILDING SHALL BE RUN WITH A UNIFORM DROP OF NOT LESS THAT 1/8" PER FOOT, USING ¼" PER FOOT WHERE POSSIBLE.
D. VERTICAL VENT LINES SHALL BE CARRIED THROUGH THE ROOF OR CONNECTED TO ADJACENT VENT LINES AS INDICATED. VENTS SHALL TERMINATE APPROXIMATELY 12" ABOVE FINISHED ROOF LINES AND SHALL BE FLASHED WITH BASE AND SLEEVE TYPE INTO TOP OF VENT PIPE. COLLECT VENTS WHERE POSSIBLE TO MINIMIZE THE NUMBER OF VENTS EXTENDING THROUGH ROOF.

3.03. CLEANOUTS

A. LOCATE LINE SIZE CLEANOUTS, AT BASE OF EACH SOIL AND WASTE STACK; AT EACH CHANGE IN DIRECTION IN SOIL, WASTE, AND DRAIN LINES; AND IN ALL HORIZONTAL DRAIN LINES, WITH SPACING NOT TO EXCEED 50' INSIDE THE BUILDING AND 75' OUTSIDE THE BUILDING.
B. CLEANOUTS NOT ACCESSIBLE, WHICH CANNOT BE MADE EASILY ACCESSIBLE OTHERWISE, SHALL BE EXTENDED UP THROUGH FLOOR OR WALL.

3.04. ELECTRICAL GROUND:

A. THIS CONTRACTOR SHALL MAKE PROVISIONS FOR MAINTAINING THE ELECTRICAL GROUND PROPERTIES OF WATER LINES BY STRAPPING OVER VALVES OR EQUIPMENT WHOSE REMOVAL FOR SERVICE WORK IN FUTURE WOULD BREAK GROUNDING SERVICE. STRAPPING OVER SHALL BE DONE WITH A LENGTH OF #6 STRANDED BARE COPPER CABLE WHICH SHALL BE ATTACHED TO PIPE AT EITHER END.

3.05. FIXTURE CONNECTIONS:

A. CONNECT TO PLUMBING FIXTURES AND EQUIPMENT PROVIDED UNDER THIS AND OTHER SECTIONS OF SPECIFICATIONS.
B. SEE SCHEDULE ON PLANS FOR CONNECTIONS SIZES TO FIXTURES.
C. CONNECT WALL-HUNG URINALS TO WASTE PIPING WITH RED BRASS NIPPLES.
D. EACH FIXTURE, FLOOR DRAIN, AND PIECE OF EQUIPMENT REQUIRING CONNECTION TO DRAINAGE SYSTEM TO HAVE SEPARATE TRAPS INSTALLED AS CLOSE TO FIXTURE AS POSSIBLE.
E. PROVIDE DEEP SEAL P-TRAPS UNDER FLOOR DRAINS.

3.06. TRENCHING AND BACKFILLING:

TRENCHES SHALL PROVIDE UNIFORM BEARING. WHERE ROCK IS ENCOUNTERED, EXCAVATE 4" BELOW THE PIPE AND REFILL TO PIPE GRADE WITH GRAVEL. AFTER TESTING OF PIPING, TRENCHES SHALL BE BACKFILLED TO GRADE, TAMPED TO 95% COMPACTION.

3.07. TEST AND INSPECTIONS:

A. MAKE ALL WATER AND AIR TESTS OF THE PIPING SYSTEMS BEFORE WORK IS CONCEALED. TEST WATER PIPING TO HYDROSTATIC PRESSURE OF 125 PSI AND HOLD FOR 24 HOURS.
B. AFTER THE INSTALLATION OF SANITARY PIPING, PLUG THE ENDS OF THE SYSTEM AND FILL WITH WATER TO THE TOP OF VENTS OR WITH 10' HEAD. SHOULD LEAKS APPEAR, REPAIR AND REPEAT THE TESTS UNTIL THE SYSTEM IS TIGHT.

3.08. STERILIZATION:

THE STERILIZATION PROCESS SHALL COMPLY WITH ALL GOVERNING REGULATIONS. AFTER STERILIZATION AND FINAL FLUSHING, THE LOCAL HEALTH AUTHORITY IS TO BE NOTIFIED AND THEIR APPROVAL OBTAINED IN WRITING.

3.09. AS-BUILT DRAWINGS:
THE PLUMBING CONTRACTOR SHALL FURNISH UPON COMPLETION OF WORK A PLUMBING PLAN SHOWING ALL PIPING AS INSTALLED.

3.10. WORKMANSHIP

PLUMBING EQUIPMENT SHALL BE INSTALLED IN A NEAT WORKMANLIKE MANNER. UNSIGHTLY INSTALLATIONS SHALL BE REMOVED OR REWORKED AT NO ADDITIONAL EXPENSE TO THE OWNER.

END OF SECTION

PLUMBING FIXTURE SCHEDULE

PLUMBING FIXTURES AND ALL ACCESSORIES REQUIRED SHALL BE COORDINATED AND VERIFIED WITH THE ARCHITECT

P-1	WATER CLOSET (H.C.)	Z5551 "ZURN" ADA HIGH PERFORMANCE SERIES ELONGATED FLOOR MOUNTED TANK TYPE, 16-1/8" HIGH, 1.6 GALLONS FLUSH WITH 3" FLUSH VALVE
	SEAT	Z5955SS-EL-STS "ZURN" ELONGATED, WHITE, OPEN FRONT SEAT LESS COVER WITH SELF-SUSTAINING STEEL CHECK HINGE.
	SUPPLY	Z-8804-CR-PC "ZURN" CHROME PLATED BRASS ANGLE STOP WHEEL WITH HANDLE AND CHROME PLATED COPPER RISER
P-2	SINK	ELV2219 "ELKAY" LAVATORY SINK 22"X 19" WALL MOUNTED
	FAUCET	Z831B4-XL "ZURN" GOOSENECK SPOUT WITH WIDE SPREAD WRISTE BLADE HANDLES
	DRAIN	Z8743-1NOF "ZURN" GRID DRAIN WITH NO OVERFLOW
	P-TRAP	Z-8702-PC "ZURN" 1-1/2" CHROME PLATED CAST BRASS, 17 GA. DIE CAST NUTS, CLEANOUTS AND ESCUTCHEON
	SUPPLY	Z-8804-LR-PC-20-XL "ZURN" CHROME PLATED BRASS ANGLE STOPS AND 20" FLEXIBLE CHROME PLATED COPPER RISERS.
P-3	URINAL	Z5798 "ZURN" "PINT" ULTRA LOW CONSUMPTION URINAL .125 GAL. FLUSH (FLUSH VALVE)
	VALVE .125GPF MANUAL	Z6003AV-ULF "ZURN" .125GPF MODEL MANUAL FLUSHOMETER
	CARRIER	Z1221 "ZURN"
NOTE: PROVIDE INSTITUTIONAL A.D.A. COMPLIANT INSULATORS FOR EXPOSED WASTE, HOT AND COLD WATER PIPES. HOT AND COLD WATER STOP/SUPPLIES AND TRAP INSULATOR KIT BY ZURN INDUSTRIES, INC.		
P-4	FLOOR DRAIN	ZB-415P "ZURN" FLOOR DRAIN DURA-COATED CAST IRON BODY WITH BOTTOM OUTLET, COMBINATION INVERTIBLE MEMEBRANE CLAMP AND ADJUSTABLE COLLAR WITH TYPE "S" POLISHED BRONZE STRAINER (PROVIDE AND INSTALL TRAP PRIMER).
P-5	TRAP PRIMER	"PRECISION PLUMBING PRODUCTS, TRAP PRIMER DISTRIBUTION UNIT COMPLETE WITH TRAP PRIMER VALVE AND DISTRIBUTION UNIT. UNIT TO BE COMPLETE WITH MINIMUM 12"X12" ACCESS DOOR
P-6	BACKFLOW PREVENTER	909 "WATTS" 2" BACKFLOW PREVENTER
	PRESSURE REDUCER	223 "WATTS
P-7	WATER HAMMER ARRESTER	Z-1700 "ZURN" PDI LISTED SIZES PER DRAWINGS
NOTE: HANDICAPPED UNITS TO BE MOUNTED CONFORMING TO CURRENT A.D.A. GUIDELINES FOR ACCESSIBILITY		

Seal
COMMONWEALTH OF VIRGINIA
STEVEN R. FARRIS
Lic. No. 035714
2/20/26
PROFESSIONAL ENGINEER

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
GYPSY HILL PARK PUMP HOUSE RENOVATIONS BID ALT NO.1

PLUMBING NOTES, SCHEDULES & SPECIFICATION

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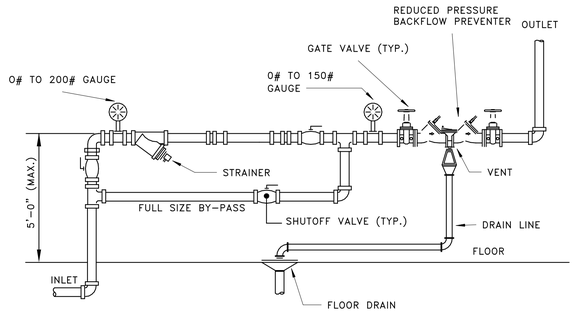
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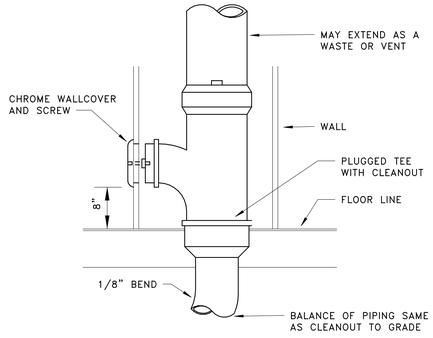
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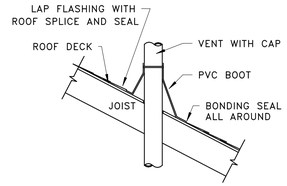
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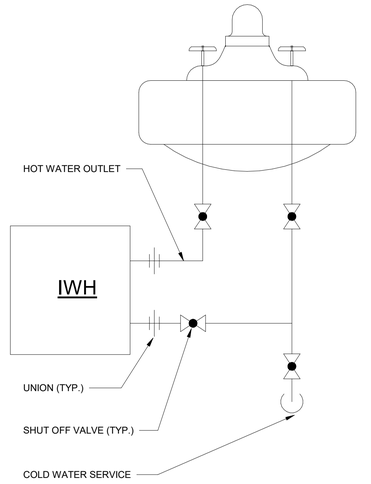
WATER SERVICE ENTRANCE



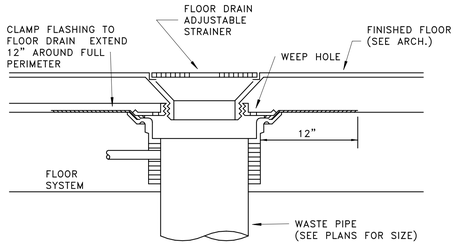
WALL CLEANOUT



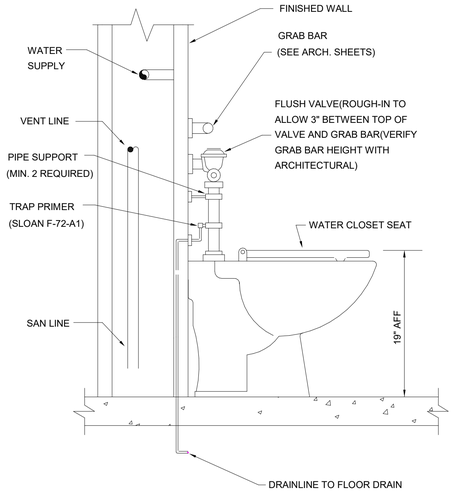
PLUMBING VENT THROUGH ROOF



POINT OF USE WATER HEATER CONNECTION



FLOOR DRAIN



WATER CLOSET DETAIL

Seal
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CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
GYPSY HILL PARK PUMP HOUSE RENOVATIONS BID ALT NO.1

PLUMBING DETAILS

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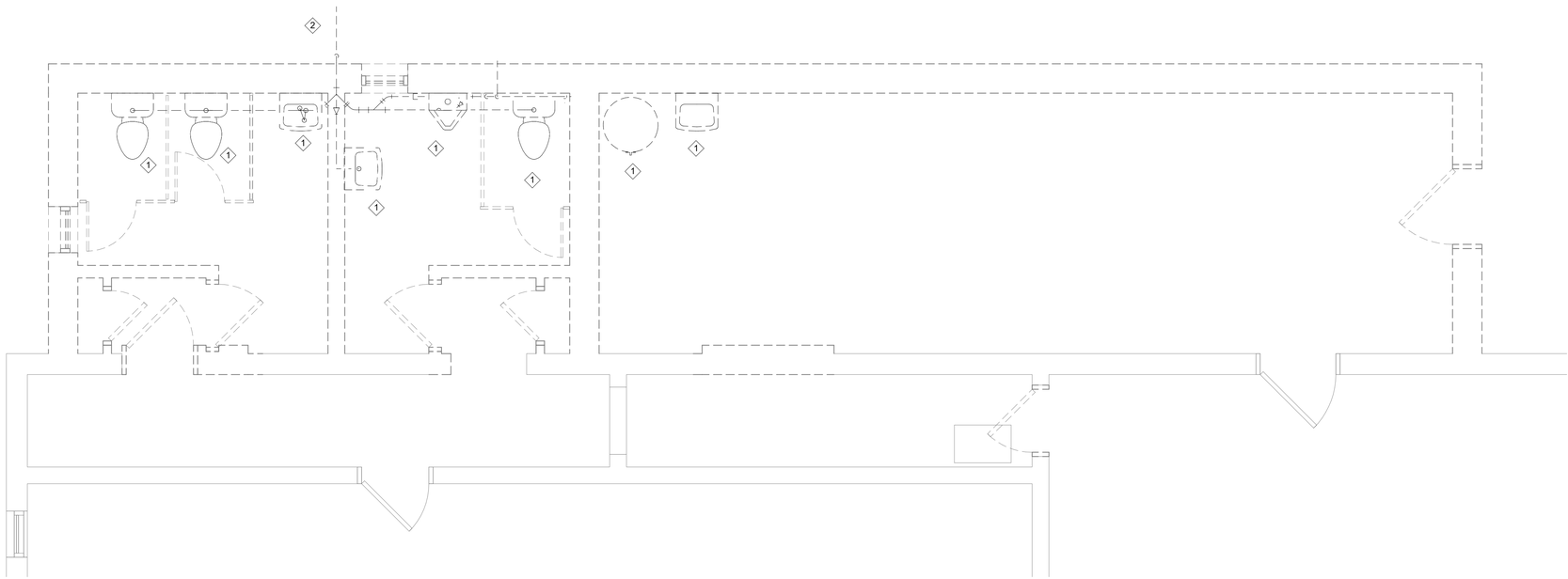
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DEMOLITION WORK NOTES:

1	FIXTURE AND ALL ASSOCIATED WASTE AND VENT PIPING TO BE REMOVED PER SCOPE OF PROJECT.
2	PIPING OUTSIDE OF BUILDING TO BE REMOVED BACK TO EXISTING MANHOLE AND REPLACED.FIELD VERIFY LOCATION AND EXTENTS PRIOR TO DEMOLITION.

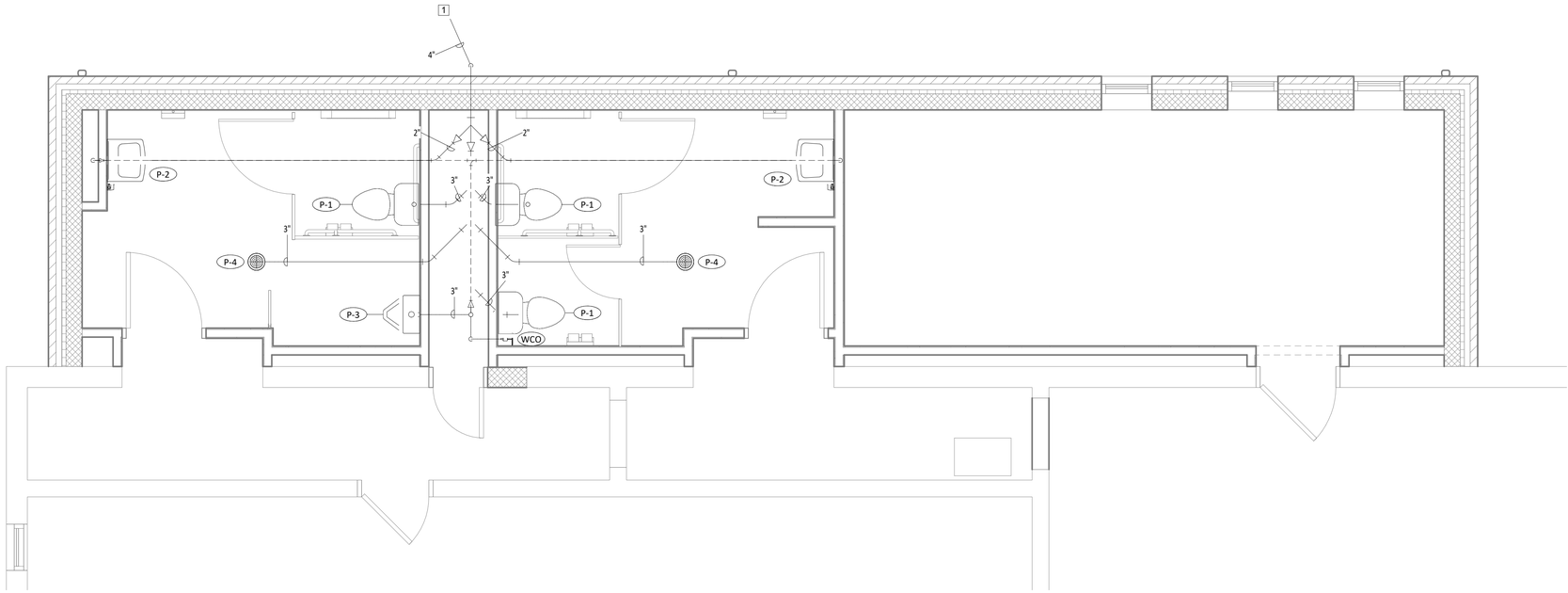
RENOVATION WORK NOTES:

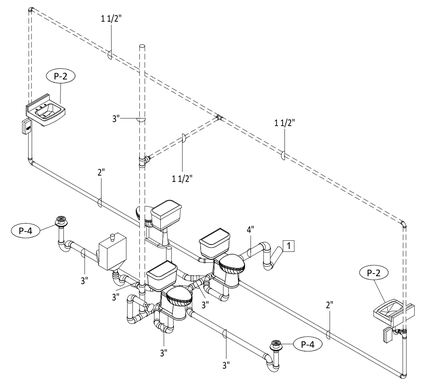
1	ROUTE TO EXISTING MANHOLE AND RECONNECT TO EXISTING. RECONNECT ANY EXISTING UPSTREAM CONNECTIONS SERVING OTHER PARTS OF THE BUILDING AS REQUIRED.

PLUMBING PLAN - WASTE & VENT - DEMO

3/8" = 1'-0"

PLAN NORTH





WASTE & VENT ISOMETRIC VIEW

PLUMBING PLAN - WASTE & VENT - RENO

3/8" = 1'-0"

PLAN NORTH

0 6" 1' 2'

SCALE: 3/8" = 1'-0"

Seal

COMMONWEALTH OF VIRGINIA
STEVEN R. FARRIS
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2/20/26
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CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
GYPSY HILL PARK PUMP HOUSE RENOVATIONS BID ALT NO.1

WASTE & VENT PIPING PLANS

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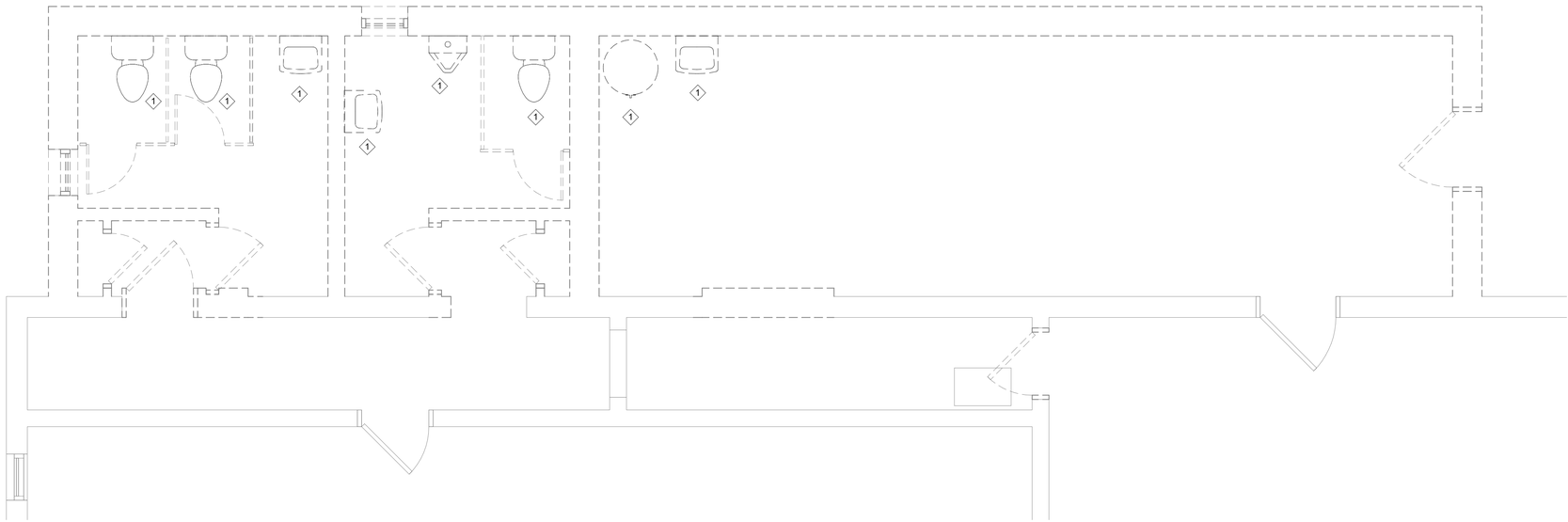
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THOMPSON & LITTON

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PLUMBING PLAN - WATER SUPPLY - DEMO

3/8" = 1'-0"

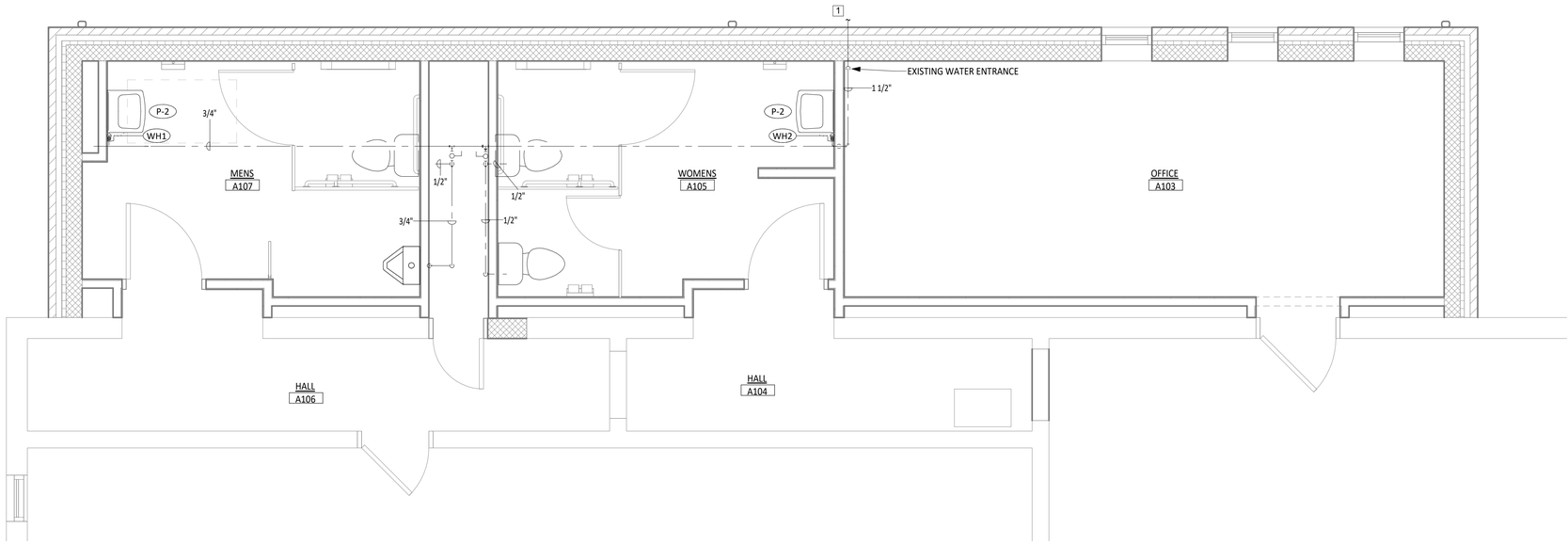
PLAN NORTH

DEMOLITION WORK NOTES: ◇

1	DEMOLISH FIXTURE AND ALL ASSOCIATE PIPING BACK TO WATER SERVICE ENTRANCE.FIELD VERIFY LOCATION.

RENOVATION WORK NOTES: □

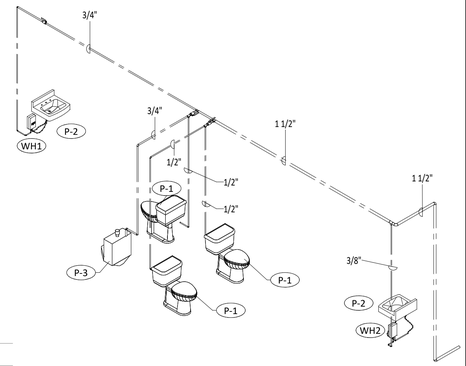
1	ROUTE TO EXISTING WATER SUPPLY. COORDINATE WITH EXISTING FOR LOCATION.RECONNECT ANY EXISTING WATER SUPPLY CONNECTIONS SERVING OTHER PARTS OF THE BUILDING AS REQUIRED



PLUMBING PLAN - WATER SUPPLY - RENO

3/8" = 1'-0"

PLAN NORTH



WATER SUPPLY ISOMETRIC VIEW

0 6" 1' 2'

SCALE: 3/8" = 1'-0"

Seal

COMMONWEALTH OF VIRGINIA
STEVEN R. FARRIS
Lic. No. 035714
2/20/26
PROFESSIONAL ENGINEER

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
GYPSY HILL PARK PUMP HOUSE RENOVATIONS BID ALT NO.1

WATER SUPPLY PIPING PLANS

No.	Date	Purpose of Document Issue

Designed	KRW
Drawn	KRW
Checked	IT
Date	02/20/2026

Project No.
18861

THOMPSON & LITTON

Sheet No.
P102

Date/Time: 2/17/2026 9:23:11 AM File Name: C:\Users\johnny_carr\Documents\17679 Gypsy Hill Park Pump House Renovations_P1_v25_jcarrZLXXQ.rvt

MECHANICAL SPECIFICATIONS

AIR CONDITIONING, HEATING AND VENTILATING SYSTEMS

PART 1. GENERAL:

A. SCOPE:

FURNISH ALL LABOR, MATERIALS AND EQUIPMENT NECESSARY TO INSTALL ALL AIR CONDITIONING, HEATING AND VENTILATING WORK INDICATED ON THE DRAWINGS, SPECIFIED HEREIN, AND IN ACCORDANCE WITH ALL CITY, STATE, AND NATIONAL CODES.

B. ELECTRICAL WORK:

ALL WIRING SHALL BE INCLUDED UNDER ELECTRICAL SECTION OF THE SPECIFICATIONS. ALL CONTROL WIRING SHALL BE BY MECHANICAL CONTRACTOR. MECHANICAL CONTRACTOR TO VERIFY VOLTAGE AND PHASE PRIOR TO ORDERING ANY EQUIPMENT.

C. NOISE AND VIBRATION:

EQUIPMENT SHALL OPERATE QUIETLY. THE OPERATION OF THE EQUIPMENT SHALL CAUSE NO PERCEPTIVE VIBRATION OR OBJECTIONABLE NOISE IN ANY PORTION OF THE BUILDING OR STRUCTURE.

D. WARRANTIES:

FURNISH A FIVE-YEAR WARRANTY ON ALL HVAC EQUIPMENT AND A ONE-YEAR SERVICE AND GUARANTEE ON ALL NEW CONTROLS AND EQUIPMENT. CONTRACTOR SHALL MAKE GOOD ANY DEFECT IN MATERIAL OR WORKMANSHIP FOR (1) ONE YEAR FROM DATE OF ACCEPTANCE. DATE OF ACCEPTANCE IS DATE CERTIFIED BY ARCHITECT/ENGINEER THAT CONTRACT HAS BEEN SATISFACTORILY COMPLETED IN ACCORD WITH CONTRACT DOCUMENTS.

E. EQUIPMENT ANCHORAGE:

PROVIDE ALL MATERIALS AND LABOR REQUIRED FOR EQUIPMENT ANCHORGE TO BUILDING STRUCTURE.

F. SHOP DRAWINGS AND SUBMITTALS:

PROVIDE ARCHITECT/ENGINEER WITH SIX (6) SETS OF SHOP DRAWINGS OF ALL EQUIPMENT FOR APPROVAL PRIOR TO ORDERING EQUIPMENT.

G. PERMITS AND FEES:

CITY WILL WAIVE ALL CITY OF STAUNTON PERMIT FEES.

H. COORDINATION:

CONTRACTOR SHALL COORDINATE ALL WORK WITH THE GENERAL CONTRACTOR AND OTHER TRADES.

I. WORKMANSHIP:

ALL HVAC EQUIPMENT SHALL BE INSTALLED IN A NEAT WORKMANLIKE MANNER. UNSIGHTLY INSTALLATION SHALL BE REMOVED OR REWORKED AT NO ADDITIONAL EXPENSE TO THE OWNER.

PART 2. PRODUCTS:

A. EQUIPMENT:

SEE NOTES AND DETAILS ON DRAWINGS FOR EQUIPMENT. ALL EQUIPMENT TO BE U.L. LISTED.

B. DUCTWORK:

RECTANGULAR DUCTWORK SHALL BE GALVANIZED SHEET METAL.

C. AIR DEVICES:

FURNISH AND INSTALL GRILLES, REGISTERS, DIFFUSERS, LOUVERS, ETC. AS NOTED AND OF CAPACITIES SCHEDULED ON DRAWINGS. COORDINATE EXACT LOCATIONS WITH LIGHTING, SPRINKLERS AND ARCHITECT'S CEILING PLANS.

D. EXHAUST FANS:

FURNISH AND INSTALL EXHAUST FANS OF SIZE AND CAPACITY SHOWN ON DRAWINGS.

E. FIRE DAMPERS:

PROVIDE U.L. APPROVED FIRE DAMPERS WHERE SHOWN ON DRAWINGS, AND WHERE REQUIRED BY NFPA-90.

F. HVAC UNITS:

PROVIDE ELECTRIC HEATERS OF SIZE AND CAPACITIES SHOWN ON DRAWINGS AND SCHEDULES. PROVIDE STANDARD ONE YEAR WARRANTY ON LABOR AND MATERIAL.

PART 3. EXECUTION:

A. DUCTWORK:

INSTALLATION SHALL BE RIGID AND DUCTWORK FREE FROM RATTLES AND AIR NOISES WHEN IN OPERATION. SUPPORT DUCTWORK WITH TRAPEZE HANGERS.

1) ROUND DUCT SHALL BE GALVANIZED SHEET METAL (METAL OR FLEXIBLE INSULATED). INSTALL AND FABRICATE ALL DUCTWORK ACCORDING TO SMACNA STANDARDS. PRESSURE SENSITIVE TAPE SHALL BE USED TO SEAL JOINTS.

2) WHERE DUCTWORK CAN BE SEEN THRU GRILLES SPRAY WITH FLAT BLACK ENAMEL PAINT.

3) PROVIDE FLEXIBLE CONNECTORS BETWEEN DUCTWORK AND ALL FANS AND EQUIPMENT.

B. DUCT INSULATION:

2.2", 3/4# DENSITY FIBERGLASS WITH VAPOR BARRIER. ALL SHEET METAL SUPPLY, RETURN, AND OUTSIDE AIR DUCTS TO BE INSULATED.

C. REFRIGERANT PIPE INSULATION:

3/4" FLEXIBLE ELASTOMERIC WITH PROTECTIVE COATING.

D. CONTROLS:

1. PROVIDE CONTROLS REQUIRED TO OPERATE EQUIPMENT AND AS INDICATED ON DRAWINGS. WIRE AND CONNECT AS REQUIRED.

2. CONTROLS SHALL BE INSTALLED IN ACCORDANCE WITH THE CONTROL MANUFACTURER'S SUGGESTIONS AND RECOMMENDATIONS. CONTROL WIRING AND CONTROL WIRING CONNECTIONS TO HVAC EQUIPMENT SHALL BE BY THE MECHANICAL CONTRACTOR. ALL EXPOSED CONTROL WIRING THAT MAY BE SUBJECTED TO PHYSICAL DAMAGE SHALL BE ROUTED IN CONDUIT.

E. TESTING AND BALANCING:

1) TEST AND BALANCE ALL HEATING, COOLING AND VENTILATING EQUIPMENT AND SYSTEMS TO PERFORM AS SHOWN ON THE DRAWINGS AND SPECIFICATIONS, OR AS REQUIRED FOR THE PROPER OPERATION AND AS DIRECTED BY THE ENGINEER.

2) SUBMIT FINAL DETAILED TEST AND BALANCE REPORT TO THE ENGINEER.

3) TEST AND BALANCE BY CERTIFIED TEST AND BALANCE FIRM.

FIRE STOPPING

1. PROVIDE FIRE STOPPING OF ALL PIPE, FITTINGS, CONDUIT, DUCTWORK THRU RATED PARTITIONS. ALL PIPE AND CONDUIT SHALL BE SLEEVED AND CAULKED USING "HILTI" FIRE STOP SYSTEMS

BASIC REQUIREMENTS FOR MECHANICAL SYSTEMS

1. RESPONSIBILITY OF BIDDERS: CONTRACTOR SHALL EXAMINE ALL DRAWINGS AND SPECIFICATIONS ISSUED AND SHALL VISIT THE PROJECT SITE. BIDDERS MUST BE FAMILIAR WITH THE CODES, RULES AND REGULATIONS IN EFFECT AT THE SITE OF THE WORK. BY SUBMITTING A BID THE CONTRACTOR AGREES HE HAS VISITED THE PROJECT SITE AND HAS REVIEWED EXISTING CONDITIONS AND HAS REFLECTED EXISTING CONDITIONS IN THE BID.

2. MECHANICAL DRAWINGS: THE DRAWINGS ARE INTENDED TO BE DIAGRAMMATIC AND ARE BASED ON ONE MANUFACTURER'S EQUIPMENT. THEY ARE NOT INTENDED TO SHOW EVERY ITEM IN ITS EXACT LOCATION, THE EXACT DIMENSIONS OR ALL THE DETAILS OF THE EQUIPMENT. CONTRACTOR SHALL VERIFY THE ACTUAL DIMENSIONS OF THE EQUIPMENT PROPOSED TO ASSURE THAT THE EQUIPMENT WILL FIT IN THE AVAILABLE SPACE.

3. COORDINATION: THE MECHANICAL WORK SHALL BE INSTALLED IN A NEAT AND WORKMANLIKE MANOR IN THE LOCATIONS SHOWN BUT SHALL BE SUBJECT TO SUCH DEVIATIONS, MODIFICATIONS AND RELOCATIONS AS MAY BE NECESSARY TO CONFORM TO THE REQUIREMENTS OF PROJECT CONDITIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE THE WORK WITH ALL TRADES.

4. PRODUCTS: PRODUCTS SHALL BE NEW AND FIRST LINE QUALITY, OF GRADE AND TYPE SHOWN ON PLANS AND SPECIFIED, OR EQUALS AS APPROVED BY DESIGNER IN WRITING. ALL PRODUCTS SHALL BE IN CURRENT PRODUCTION WITH NO NOTICE OF BEING DISCONTINUED OR DRASTICALLY CHANGED FROM CURRENT PRODUCTION.

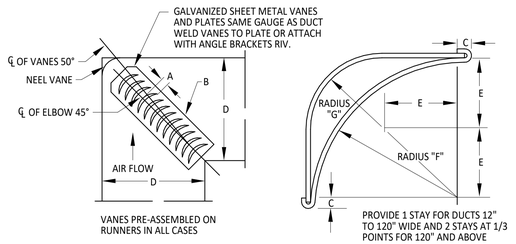
5. PERMITS, CODES AND REGULATIONS: ALL WORK SHALL BE IN ACCORDANCE WITH THE FOLLOWING: VIRGINIA BUILDING, MECHANICAL AND PLUMBING CODE, NFPA, ASME, ASTM, UL, NEC, NEMA, SMACNAARI, ANSI, OSHA AND ASHRAE. OBTAIN ALL PERMITS PAY ALL ASSOCIATED FEES AND REQUEST INSPECTIONS FROM THE AUTHORITY HAVING JURISDICTION.

GENERAL MECHANICAL NOTES

1. FRESH AIR INTAKES SHALL NOT BE LOCATED CLOSER THAN 10 FEET FROM ANY EXHAUST OR OUTLET VENT.
2. COORDINATE WITH ARCHITECTURAL PLANS FOR ALL FIRE AND/OR SMOKE RATED BUILDING ASSEMBLIES, PROVIDE AND INSTALL U.L. RATED FIRE (SMOKE)-STOP ASSEMBLIES IN ANY SUCH AREAS AS REQUIRED BY CODE.
3. COORDINATE GRILLE, REGISTER AND DIFFUSER LOCATIONS WITH LIGHTING AND CEILING GRID LAYOUT.
4. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING A BID.
5. WORKMANSHIP: MECHANICAL EQUIPMENT AND ACCESSORIES SHALL BE INSTALLED IN A NEAT WORKMANLIKE MANNER. UNSIGHTLY INSTALLATIONS SHALL BE REMOVED OR REWORKED AT NO EXPENSE TO THE OWNER.
6. WHERE DUCTWORK CAN BE SEEN THRU GRILLES; PAINT DUCT WITH FLAT BLACK ENAMEL PAINT.
7. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATION OF GRILLES, REGISTERS AND DIFFUSERS.
8. DUCTWORK DIMENSIONS GIVEN ARE INSIDE CLEAR. SEE SPECIFICATIONS FOR INSULATION REQUIREMENTS.
9. PROVIDE FLANGES ON CEILING OUTLETS LOCATED IN DRYWALL CEILINGS OR SURFACE MOUNTED OUTLETS.
10. PROVIDE ALL DIFFUSERS IN SAME SPACE WITH THE SAME FULL-FACE SIZE USING THE LARGEST SIZE.
11. REFER TO ELECTRICAL AND PLUMBING DRAWINGS FOR ADDITIONAL COORDINATION WITH THESE DRAWINGS.
12. CONTRACTOR SHALL VERIFY ELECTRICAL VOLTAGE, LOADS ETC. WITH ELECTRICAL TRADE, OR EXISTING CONDITIONS, PRIOR TO ORDERING EQUIPMENT.
13. SEAL ALL WALL, ROOF AND FLOOR PENETRATIONS BY MECHANICAL AND ELECTRICAL SERVICE AIRTIGHT.
14. DO NOT BLOCK TUBE PULL OR SERVICE SPACE ON EQUIPMENT WITH PIPING, DUCTWORK, ETC. (FLANGE OR REMOVABLE SECTION MAY BE USED IN SOME INSTANCES WHERE TIGHT CLEARANCE EXIST)
15. EQUIPMENT SIZES AND SERVICE SPACE REQUIREMENTS MAY VARY BETWEEN DIFFERENT MANUFACTURERS. CONSULT APPROVED MANUFACTURER AS SUBMITTED, AND COORDINATE WITH THESE DRAWINGS.
16. PROVIDE CHROME-PLATED ESCUTCHEONS AT ALL EXPOSED PIPE PENETRATIONS THROUGH WALLS.
17. COORDINATE ALL PENETRATIONS OF FLOOR SLABS, ROOF AND WALLS WITH STRUCTURAL DRAWINGS.
18. PROVIDE COMPANION OPPOSED BLADE VOLUME DAMPERS WITH ALL DIFFUSERS MOUNTED IN DRYWALL.
19. CONTRACTOR SHALL VERIFY CLEARANCE REQUIREMENTS AND INDICATED ROUTING OF DUCTWORK PRIOR TO FABRICATION AS RISES AND DROPS MAY BE NECESSARY DUE TO THE TRUSS FRAMING SYSTEM.
20. CONTRACTOR SHALL REMOVE EXISTING HVAC EQUIPMENT, ALL ASSOCIATED ACCESSORIES AND MATERIALS AS SHOWN AND TURN OVER TO OWNER OR REMOVE FROM THE SITE LEGALLY IF SO DIRECTED BY THE OWNER.
21. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY EXISTING CONDITIONS BEFORE DEMOLITION WORK BEGINS. REPORT ANY DISCREPANCIES BETWEEN THE PLANS AND ACTUAL FIELD CONDITIONS TO THE ARCHITECT / ENGINEER PRIOR TO THE COMMENCEMENT OF DEMOLITION WORK.
22. DEMOLITION WORK SHALL BE PHASED TO ACCOMPLISH REPLACEMENT WITH MINIMUM AMOUNT OF DOWNTIME. SCHEDULE NEW AND DEMOLITION WORK IN ADVANCE WITH THE OWNER.
23. EXISTING CONDITIONS SHOWN HEREIN WHERE TAKEN FROM SITE OBSERVATIONS, ORIGINAL DESIGN DRAWINGS AND AS-BUILT DOCUMENTATION WHERE AVAILABLE; ANY DISCREPANCIES BETWEEN THE PLANS AND ACTUAL FIELD CONDITIONS SHALL BE REPORTED TO THE ARCHITECT / ENGINEER.
24. CONTRACTOR SHALL PROVIDE CERTIFIED AIR SYSTEM BALANCE. BALANCING CONTRACTOR SHALL BE AABC OR NEBB CERTIFIED. PROVIDE REPORT TO ENGINEER/ARCHITECT.
25. VARIATION OF DUCT CONFIGURATION OR SIZES OTHER THAN THOSE OF EQUIVALENT OR LOWER LOSS COEFFICIENT IS NOT PERMITTED EXCEPT BY WRITTEN PERMISSION. SIZE ROUND DUCTS INSTALLED IN PLACE OF RECTANGULAR DUCTS IN ACCORDANCE WITH ASHRAE TABLE OF EQUIVALENT RECTANGULAR AND ROUND DUCTS.
26. EQUIPMENT AND MATERIALS SUBMITTED "AS EQUAL" TO THE SPECIFIED DATA MUST BE CLEARLY MARKED AS TO THE DIFFERENCES IN SUBMITTED VERSUS SPECIFIED. FAILURE TO CLEARLY MARK THE SUBMITTALS AS SUCH IS GROUNDS FOR REJECTION. SUBMITTALS NOT CLEARLY MARKED WITH DIFFERENCES TO THE SPECIFIED DATA CAN BE ASSUMED TO MEET ALL SPECIFIED REQUIREMENTS AND CONTRACTOR IS RESPONSIBLE TO PROVIDE AS SUCH.

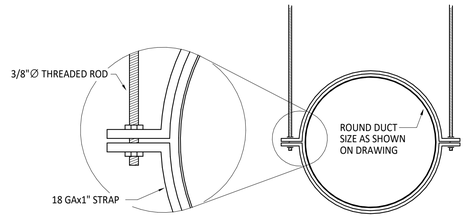
H.V.A.C. LEGEND AND SYMBOLS

12x8 OR 12x8	SUPPLY, EXHAUST, RETURN DUCT		DAMPERS IN HORIZONTAL DUCT ▲ = FIRE DAMPER ◬ = SMOKE DAMPER ◬ = SMOKE/FIRE DAMPER
12x8 OR 12x8 / 8x8	BRANCH TAKE-OFF		
12x8 OR 12x8 / 6"ø	TAKE-OFF WITH SPIN-IN FITTING		DAMPERS IN VERTICAL DUCT ◆ = FIRE DAMPER ◈ = SMOKE DAMPER ◈ = SMOKE/FIRE DAMPER
OR	SPIN-IN TAKE-OFF IN BOTTOM OF DUCT	DG	DOOR GRILLE
OR	SQUARE TURN WITH DOUBLE THICKNESS TURNING VANES		SIDEWALL GRILLE
OR	FULL RADIUS ELBOW		SLOT TYPE GRILLE
OR	VERTICAL RISE OR DROP IN SUPPLY DUCT		SUPPLY DIFFUSER
OR	VERTICAL RISE OR DROP IN RETURN/EXHAUST DUCT		RETURN, TRANSFER GRILLE
OR (or)	MANUAL BALANCING DAMPER		EXHAUST GRILLE
OR (or, M)	MOTORIZED DAMPER		GRILLE IDENTIFICATION AND CFM RATING
OR	SPLITTER DAMPER		3/4" DOOR UNDERCUT
OR	SQUARE TO ROUND TRANSITION	T	THERMOSTAT
OR	FLEX DUCT (5' MAX. RUNOUT)	H	HUMIDISTAT
	RADIATION DAMPER	S	SPEED CONTROLLER
		SD	SMOKE DETECTOR
			POINT OF CONNECTION NEW TO EXISTING
			POINT OF DEMOLITION
			LOUVER WITH BIRD SCREEN

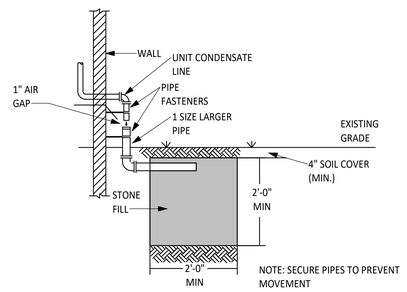


"D" AND "D" UP TO 24"	A = 1-1/2"	B = 5"	TYPE "B" VANES
"D" AND "D" OVER 24"	A = 3-1/4"	B = 9"	TYPE "A" VANES
TYPE "A" VANES	C = 1/2"	E = 2-1/4"	RADIUS "F" = 4-1/2" RADIUS "G" = 2-1/4"
TYPE "B" VANES	C = 1/4"	E = 1"	RADIUS "F" = 2" RADIUS "G" = 1"

SQUARE ELBOW DETAIL



ROUND DUCT HANGER DETAIL



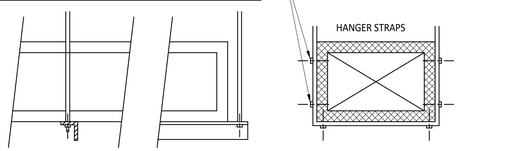
FRENCH DRAIN

HANGER SIZES FOR RECTANGULAR DUCT			
MAX. SIDE	HANGER	HORIZONTAL SUPPORT ANGLE	MAXIMUM SPACING
30"	1"x18" GAGE STRAP	NONE REQUIRED	10'-0"
36"	1/4" ROUND ROD	1-1/2"x1-1/2"x1/8 "	8'-0"
48"	1/4" ROUND ROD	2" x 2" x 1/8"	8'-0"
60"	5/16" ROUND ROD	2" x 2" x 1/8"	8'-0"
84"	3/8" ROUND ROD	2" x 2" x 1/8"	8'-0"

NOTE:
ALL SUPPLY AIR DUCT SHALL BE WRAPPED EXTERNALLY AS PER SPECIFICATIONS

"NO POP RIVETS ALLOWED"

SELF TAPPING CADMIUM PLATED HEX HEAD SHEET METAL SCREW STRAPS TO BE TIGHT AGAINST DUCT.



DUCT STRAP HANGER DETAIL

Seal
COMMONWEALTH OF VIRGINIA
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CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
GYPSY HILL PARK PUMP HOUSE RENOVATIONS BID ALT NO.1

HVAC SPECS, LEGEND, NOTES & DETAILS

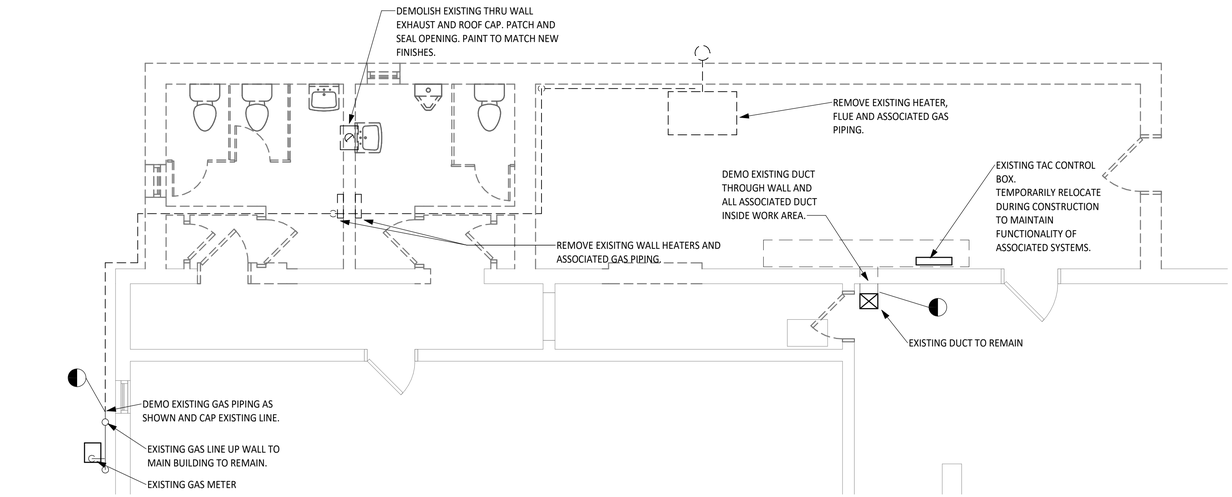
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Date	02/20/2026

Project No.
18861

THOMPSON & LITTON

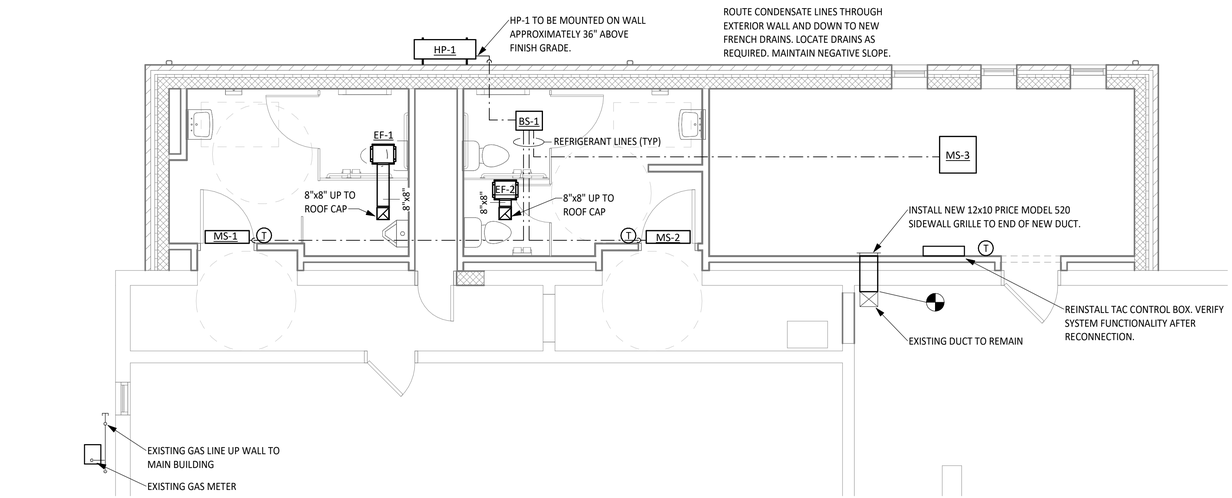
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HVAC DEMOLITION

1/4" = 1'-0"

PLAN NORTH



HVAC NEW WORK

1/4" = 1'-0"

PLAN NORTH

EXHAUST FAN SCHEDULE

MARK	MANUFACTURER & MODEL	TYPE	AIR FLOW (CFM)	E.S.P.	FAN RPM	FAN POWER (W)	VOLT/PH	SONES	WEIGHT (LB)
EF-1	GREENHECK SP-A200	CEILING	140	0.5 in-wg	885	45	115/1	3.5 SPHERICAL	24 LBS
EF-2	GREENHECK SP-A200	CEILING	140	0.5 in-wg	885	45	115/1	3.5 SPHERICAL	24 LBS

NOTES:
1. PROVIDE WITH DISCONNECT SIZED AND FUSED/NON-FUSED PER MANUFACTURER'S NAMEPLATE REQUIREMENTS.
2. PROVIDE WITH BACKDRAFT DAMPER, ROOF CAP AND BIRD SCREEN.
3. PROVIDE FOR MOUNTING IN LAY-IN CEILING.
4. INTERLOCK OPERATION WITH LIGHTS.

SPLIT SYSTEM HEAT PUMP SCHEDULE

MARK	INDOOR UNIT										BRANCH BOX				OUTDOOR UNIT						
	MANUFACTURER AND MODEL NO.	STYLE	PEAK CFM	COOLING CAPACITY (MBH)		HEAT @ 12°F	ELECTRICAL			WEIGHT	MARK	MANUFACTURER & MODEL NO.	MAX PORTS	WEIGHT	MARK	MANUFACTURER AND MODEL NO.	NOMINAL SIZE	VOLTS Ø	MCA	MOCP	WEIGHT (LBS)
				TOTAL	SENSIBLE		VOLT/PH	MCA	MOCP												
MS-1	TRANE NTXFKS09A112AA	FLOOR STANDING	417	8.6	6.96	10.49	208/230V-1PH	1	NOTE 2	35 LBS	BS-1	TRANE TAC-MKA32BC	3	15 LBS	HP-1	TRANE NTXMSH36A142BA	3 TON	208/230-1PH	42	50	280
MS-2	TRANE NTXFKS09A112AA	FLOOR STANDING	417	8.6	6.96	10.49	208/230V-1PH	1	NOTE 2	35 LBS											
MS-3	TRANE NTXCKS15A112AA	CEILING CASSETTE	405	13.47	10.31	17.17	208/230V-1PH	0.4	NOTE 2	35 LBS											

NOTES:
1. PROVIDE WITH DISCONNECT SIZED AND FUSED/NON-FUSED PER MANUFACTURER'S NAMEPLATE REQUIREMENTS.
2. BRANCH BOX AND INDOOR UNITS RECEIVE POWER FROM OUTDOOR UNIT VIA FIELD SUPPLIED INTERCONNECTING WIRE.
3. PROVIDE WITH HEAVY DUTY WALL MOUNT FOR HP-1.
4. PROVIDE WITH PROGRAMMABLE THERMOSTATS AND LOCKBOXES

0 2' 4' 8'

SCALE: 1/4" = 1'-0"

Seal

COMMONWEALTH OF VIRGINIA
STEVEN R. FARRIS
Lic. No. 035714
2/20/26
PROFESSIONAL ENGINEER

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
GYPSY HILL PARK PUMP HOUSE RENOVATIONS BID ALT NO.1

HVAC FLOOR PLANS & SCHEDULES

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GENERAL ELECTRICAL NOTES

1. ALL NOTES, SYMBOLS AND ABBREVIATIONS MAY NOT BE APPLICABLE TO THIS PROJECT.
2. COMPLY WITH THE FOLLOWING CODES PERTAINING TO THIS PROJECT:
   - 2.1. NATIONAL ELECTRIC CODE/ NFPA 70: NEC, 2020
   - 2.2. VIRGINIA ENERGY CODE: VECC 2021
   - 2.3. VIRGINIA UNIFORM STATEWIDE BUILDING CODE: VUSBC, 2021
   - 2.4. ADA STANDARDS FOR ACCESSIBLE DESIGN, ASAD, SEPTEMBER 15, 2010
3. CONTRACTORS SHALL VISIT SITE TO FAMILIARIZE THEMSELVES WITH CONDITIONS TO BE MET IN THE EXECUTION OF THE WORK UNDER THIS CONTRACT. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ANY CHANGES THAT MAY BE REQUIRED DUE TO EXISTING SITE CONDITIONS.
4. PROVIDE INCREASED CONDUCTOR SIZES FOR 120/208 BRANCH CIRCUITS AS FOLLOWS UNO:

CIRCUIT BREAKER SIZE	0-100 FT. LENGTH	100-200 FT. LENGTH	200-300 FT. LENGTH	OVER 300 FT. LENGTH
20 AMP	12 AWG	10 AWG	6 AWG	4 AWG
30 AMP	10 AWG	8 AWG	4 AWG	3 AWG

5. ALL EMPTY CONDUIT RUNS IN EXCESS OF 10 FEET SHALL BE PROVIDED WITH A PULLWIRE.
6. DO NOT SHARE NEUTRALS.
7. RECESSED DEVICES MAY BE ADJUSTED TO MATCH MASONRY COURSES IF APPLICABLE. MOUNT ALL BOXES TRUE AND PLUMB. ADJUSTED MOUNTING HEIGHTS SHALL REMAIN WITHIN ADA REQUIREMENTS.
8. RECEPTACLES, SWITCHES, THERMOSTATS, AND OTHER SIMILAR ITEMS SHALL ALIGN VERTICALLY OR HORIZONTALLY WITH EACH OTHER, WITH THE STRUCTURE AND OTHER FEATURES THEREOF WHEN IT APPEARS OBVIOUS AND LOGICAL THAT THEY SHOULD. THE ELECTRICAL CONTRACTOR SHALL CONSULT WITH THE GENERAL CONSTRUCTION SUPERINTENDENT REGARDING THIS REQUIREMENT AND ALSO FOR THE LOCATION OF EQUIPMENT, DOOR SWINGS, BLOCK COURSING, ALIGNMENT OF THIS AND OTHER SIMILAR FEATURES BEFORE ROUGHING-IN FOR THESE COMPONENTS. ADJUSTED MOUNTING HEIGHTS SHALL REMAIN WITHIN ADA REQUIREMENTS.
9. THE MANUFACTURER AND MODEL NUMBER SHOWN ON THE LIGHT FIXTURE SCHEDULE INDICATES THE TYPE, CONSTRUCTION, STYLE, QUALITY AND STANDARD OF PERFORMANCE REQUIRED. OTHER MANUFACTURERS WITH EQUAL PRODUCTS ARE ACCEPTABLE UPON AE APPROVAL.
10. CONTRACTOR SHALL VERIFY THAT ALL DOOR SWINGS ARE CORRECT BEFORE ROUGHING IN LIGHT SWITCH OUTLETS. LIGHT SWITCHES SHALL NOT BE LESS THAN 3 NOR MORE THAN 12 INCHES FROM DOOR TRIM.
11. ALL DEMOLITION AND CONSTRUCTION DESIGN IS BASED ON ORIGINAL CONSTRUCTION DOCUMENTS. THE CONTRACTOR SHALL VERIFY ALL ASPECTS IN THE FIELD BEFORE STARTING WORK.
12. LOCATIONS OF LINES AND EQUIPMENT SHALL BE DETERMINED FROM ACTUAL FIELD CONDITIONS. THE OUTLINES OF THE CONSTRUCTION SHOWN ON THE ELECTRICAL DRAWINGS ARE INTENDED ONLY AS A GUIDE TO INDICATE RELATIVE LOCATIONS OF THE WORK. REFER TO THE APPLICABLE DRAWINGS OF OTHER TRADES AND THE EQUIPMENT SUPPLIER'S INSTALLATION DRAWINGS FOR EXACT LOCATIONS AND ARRANGEMENTS.
13. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION AND PROPER RELATION OF HIS WORK TO THE FACILITY STRUCTURES AND TO THE WORK OF OTHER TRADES. NO ADDITIONAL COMPENSATION NOR EXTENSION OF COMPLETION TIME WILL BE GRANTED FOR EXTRA WORK CAUSED BY THE LACK OF COORDINATION.
14. COORDINATE WITH MECHANICAL ON EXACT LOCATION AND ELECTRICAL CONNECTION REQUIREMENTS FOR HVAC EQUIPMENT PROVIDED.
15. ELECTRICAL REQUIREMENTS FOR HVAC EQUIPMENT ARE FOR HVAC EQUIPMENT SPECIFIED. IF SUBSTITUTE HVAC EQUIPMENT IS SUPPLIED, CONTRACTOR IS RESPONSIBLE FOR MODIFICATIONS AND/OR ADDITIONS TO ELECTRICAL REQUIREMENTS OF HVAC EQUIPMENT SUPPLIED.
16. DUE TO DIFFERENCES IN VARIOUS MANUFACTURER'S EQUIPMENT CONNECTIONS AND MOTOR CURRENTS, THE ELECTRICAL CONTRACTOR SHALL COORDINATE HIS INSTALLATION WITH THAT EQUIPMENT ACTUALLY FURNISHED AND SHALL VERIFY THE CORRECT SIZES AND DETAILS OF INSTALLATION BEFORE ROUGHING IN.
17. THE CORRECT NUMBER OF WIRES MAY NOT BE INDICATED FOR ALL CIRCUITS, ONLY THOSE WHERE CLARIFICATION IS NECESSARY. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL WIRES NECESSARY FOR THE PROPER FUNCTION OF THE SYSTEM WHETHER INDICATED ON DRAWINGS OR NOT.

GENERAL DEMOLITION NOTES

1. CONTRACTOR SHALL COORDINATE ALL ITEMS TO BE SALVAGED WITH THE OWNER AND RETURN TO OWNER AFTER DISCONNECTION. IF OWNER DEEMS MATERIALS UNSALVAGEABLE, CONTRACTOR IS RESPONSIBLE FOR REMOVING FROM PROJECT SITE ALONG WITH ALL OTHER DEMOLISHED MATERIAL AND DISPOSING OF PROPERLY IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL LAWS.
2. EXISTING FACILITY IS TO REMAIN POWERED DURING CONSTRUCTION, CONTRACTOR SHALL MINIMIZE ALL POWER OUTAGES. CONTRACTOR SHALL COORDINATE ALL POWER OUTAGES WITH OWNER WITH PRIOR APPROVAL.
3. THE CONTRACTOR SHALL REMOVE EXISTING WORK AS CALLED FOR ON THE DRAWINGS OR AS REQUIRED TO CLEAR THE AREAS FOR NEW CONSTRUCTION.
4. THE CONTRACTOR SHALL REMOVE DEVICES AND ASSOCIATED CIRCUITRY FROM WALLS AND CEILINGS THAT ARE REMOVED OR MODIFIED UNDER THIS CONTRACT.
5. WHERE EXISTING EQUIPMENT IS TO BE RELOCATED, CARE SHALL BE TAKEN TO PREVENT DAMAGE DURING THE REMOVAL AND REINSTALLATION. WHERE DAMAGE OCCURS, THE EQUIPMENT SHALL BE REPLACED OR REPAIRED AT NO ADDITIONAL COST TO THE OWNER.
6. REMOVE EACH ITEM OF EQUIPMENT, DEVICE, AND FIXTURE INDICATED TO BE DEMOLISHED AND ASSOCIATED CIRCUITRY BACK TO THE PROTECTIVE DEVICE IN THE PANEL, SWITCHBOARD, OR CONTROLLER, EXCEPT AS OTHERWISE NOTED.
   a. ASSOCIATED CIRCUITRY SHALL BE DEFINED TO INCLUDE ALL RACEWAYS, CONDUCTORS, ENCLOSURES, JUNCTION BOXES, WIRING DEVICES, COVERPLATES, LAMPS, FIXTURES, SWITCHES, STARTERS, ETC. WHICH ARE ASSOCIATED WITH THE ITEM TO BE REMOVED.
   b. THE PROTECTIVE DEVICE SHALL REMAIN AS AN INTEGRAL PART OF THE EXISTING PANEL OR SWITCHBOARD. LABEL AS "SPARE" OR USE FOR NEW CIRCUITS AS INDICATED.
   c. WHERE CONDUIT ASSOCIATED WITH AN ITEM TO BE REMOVED IS IN AN INACCESSIBLE AREA, SUCH AS ENCASED IN CONCRETE, THE INACCESSIBLE CONDUIT ONLY SHALL BE ABANDONED IN PLACE, UNLESS INDICATED TO BE REUSED. ALL CONDUCTORS SHALL BE REMOVED AND CONDUIT SHALL BE CUT OFF FLUSH AND SEALED OR CAPPED.
   d. WHERE SUCH INACCESSIBLE CONDUIT ENDS MUST BE TERMINATED IN FINISHED SPACE, REMOVE THE CONDUIT OR BOX TO BELOW THE FINISHED SURFACE OR WALL, CEILING OR FLOOR, FILL VOID WITH NON-SHRINKING GROUT AND FINISH TO MATCH SURROUNDING SURFACES.
7. WHERE A PORTION OF A CIRCUIT'S LOAD IS SCHEDULED TO BE REMOVED, REMOVE ONLY THAT PORTION ASSOCIATED WITH THE DEMOLISHED DEVICE TO A POINT WHERE THE REMAINING LOAD IS ACTIVE; MAINTAIN REMAINING CIRCUITRY IN A GOOD OPERATING CONDITION. IF EXISTING CIRCUITRY IS DAMAGED DURING CONSTRUCTION, CONTRACTOR SHALL REPLACE, MATCHING EXISTING SIZES AND RATINGS AT NO ADDITIONAL COST TO THE OWNER.
8. WHERE EXTENSION OF AN EXISTING CIRCUIT IS REQUIRED, RUN CONDUIT AND WIRE (CONCEALED WHERE INDICATED) FROM THE CIRCUIT'S EXISTING LOCATION TO ITS NEW LOCATION. CIRCUIT EXTENSION SHALL MATCH EXISTING CIRCUITRY SIZE AND RATING.
9. WHERE AN ITEM OF EQUIPMENT IS INDICATED TO BE REMOVED AND RELOCATED, ANY ASSOCIATED CIRCUITRY, SWITCHES, DEVICES, ETC. SHALL ALSO BE REMOVED WITH THE EQUIPMENT. RELOCATE THE EQUIPMENT TO THE NEW LOCATION AND PROVIDE CONNECTION OF ALL ASSOCIATED ITEMS TO NEW OR EXTENDED CIRCUITRY AS INDICATED.
10. REUSE EXISTING CONDUITS IN PLACE DISCONNECTED DURING DEMOLITION WHERE APPLICABLE AND IN GOOD CONDITION.
11. WHERE EXISTING ELECTRICAL WORK INTERFERES WITH NEW WORK AND WHERE SUCH INSTALLATIONS ARE TO REMAIN IN USE, THE INSTALLATIONS SHALL BE DISCONTINUED AND RELOCATED AND/OR RECONNECTED TO COORDINATE WITH THE WORK INDICATED ON THE DRAWINGS AND AS SPECIFIED.
12. EXISTING PANEL BOARDS MODIFIED UNDER THIS CONTRACT SHALL BE PROVIDED WITH REVISED TYPED SCHEDULES.

LEGEND

A	SURFACE MOUNTED LIGHT FIXTURE, TYPE AS INDICATED. SEE LIGHT FIXTURE SCHEDULE.
A	RECESSED MOUNTED LIGHT FIXTURE, TYPE AS INDICATED. SEE LIGHT FIXTURE SCHEDULE.
B EM	INTEGRAL BATTERY WHERE USED SHALL BE PROVIDED WITH POWER AT ALL TIMES. EMERGENCY BATTERIES TURN ON WHEN THERE IS A LOSS OF UTILITY POWER, REGARDLESS OF SWITCH POSITION. WHERE FIXTURES INDICATED TO BE SWITCHED, PROVIDE EMERGENCY SHUNT RELAY. SEE LIGHT FIXTURE SCHEDULE.
	DUAL HEAD EMERGENCY WALL PACK LIGHT. CONNECT AHEAD OF LOCAL SWITCH. SHALL BE POWERED AT ALL TIMES. SEE LIGHT FIXTURE SCHEDULE. MOUNT AT 8'-0" AFF, UNO.
$	LIGHT SWITCH, SINGLE POLE DEVICE, 20 AMP, 120/277 VOLT, FLUSH MOUNT 48" AFF TO TOP OF BOX.
	120 V, 20 AMP, DUPLEX CONVENIENCE RECEPTACLE, FLUSH MOUNT BOX 20" AFF TO TOP OF BOX, NEMA 5-20R. SINGLE COVER PLATE.
OS	CEILING MOUNTED SENSOR "OS" INDICATES OCCUPANCY SENSOR. "VS" INDICATES VACANCY SENSOR.
C	DUAL DATA/TELEPHONE OUTLET. MOUNT AT 20" AFF TO TOP, UNO. PROVIDE A TWO GANG BOX, EXTRA DEEP WITH 2x4 REDUCER PLATE. PROVIDE A 1" CONDUIT TO ABOVE ACCESSIBLE CEILING, TERMINATE ABOVE CEILING WITH INSULATED BUSHING. "C" INDICATES 48" AFF OR 6" ABOVE COUNTER TO TOP OF BOX. ROUGH-IN ONLY SYSTEM, CABLING AND DEVICE BY OTHERS.
A-1 A-1	CIRCUIT HOME RUN AND CONNECTION TO DEVICE (PANEL A, CIRCUIT #1), ARROW HEADS INDICATE NUMBER OF CIRCUITS. PANEL DESIGNATION AS INDICATED. BRANCH CONDUCTORS ARE #12 AWG COPPER IN 3/4" RACEWAY MINIMUM, UNO.

ABBREVIATIONS

A, AMP	AMPERE	MCB	MAIN CIRCUIT BREAKER
AFF	ABOVE FINISHED FLOOR	MLO	MAIN LUG ONLY
AWG	AMERICAN WIRE GAUGE	MM	MILLIMETER
BKR	BREAKER	MSBD	MAIN SWITCHBOARD
C	CONDUIT	N	NEUTRAL
CB	CIRCUIT BREAKER	NEC	NATIONAL ELECTRIC CODE
CCTV	CLOSED CIRCUIT TELEVISION	NEMA	NATIONAL ELECTRICAL MANUF. ASSOC.
CKT	CIRCUIT	NL	NIGHT LIGHT
CR	CONTROL RELAY	OL	OVERLOAD
CT	CURRENT TRANSFORMER	PB	PUSHBUTTON MOMENTARY CONTACT SWITCH
CTB	CABLE TAP BOX	PNL	PANEL
CTR	CURRENT RELAY	REC	RECESSED
CU	COPPER	RGS	RIGID GALVANIZED STEEL CONDUIT
DDC	DIRECT DIGITAL CONTROL PANEL	RHC	REHEAT COIL
DETD	DUAL ELEMENT TIME DELAY	RTU	ROOF TOP UNIT
DPS	DOOR POSITION SWITCH	SUR	SURFACE
EC	ELECTRICAL CONTRACTOR	SWBD	SWITCHBOARD
ECB	ENCLOSED CIRCUIT BREAKER	TR	TAMPER RESISTANT
EF	EXHAUST FAN	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR
EM	EMERGENCY	UL	UNDERWRITERS LABORATORIES
ER	EXISTING TO BE RELOCATED	UNO	UNLESS NOTED OTHERWISE
EWH	ELECTRIC WALL HEATER	V	VOLT
EX	EXISTING TO REMAIN	WG	WIRE GUARD
FA	FIRE ALARM	WR	WEATHER RESISTANT
FT	FEET	WP	WEATHERPROOF
GEC	GROUND ELECTRODE CONDUCTOR	XFMR	TRANSFORMER
GFEP	GROUND FAULT EQUIPMENT PROTECTION CIRCUIT INTERRUPTER		
GFI	GROUND FAULT INTERRUPTER		
GND, G	GROUND		
HP-1	HEAT PUMP		
HP	HORSEPOWER		
HSP	HAND STARTER WITH PILOT LIGHT		
HVAC	HEATING, VENTILATION AND AIR CONDITIONING		
LA	LIGHTNING ARRESTOR		
IG	ISOLATED GROUND		
JB	JUNCTION BOX		
KVA	KILOVOLT AMPERE		
KW	KILOWATT		

LIGHTING FIXTURE SCHEDULE

TYPE	MANUFACTURER	TOTAL WATTS	VOLTAGE	MOUNTING	REMARKS
A	LITHONIA - 2ALLS4 48L GZ10 LP840	40	MVOLT	SURFACE	2' X 4' SURFACE LED LUMINAIRE, 4,800 LUMENS, 4000K COLOR TEMPERATURE, 80CRI, DAMP LOCATION LISTED .
B	LITHONIA - 2ALL4 72L MVOLT GZ10 LP840	68	MVOLT	RECESSED	2' X 4' RECESSED LED LUMINAIRE, 7,200 LUMENS, 4000K COLOR TEMPERATURE, 80CRI.
	LITHONIA - EU2C-M6	0.56	120V	WALL	DUAL HEAD EMERGENCY FIXTURE. UL DAMP LOCATION LISTED, 90-MINUTE CAPACITY TO EMERGENCY LAMPS. MOUNT 8'-0" AFF.

*MANUFACTURER AND MODEL NUMBERS LISTED ARE THE BASIS OF DESIGN. OTHER MANUFACTURERS MAY BE ACCEPTABLE IF THEY MEET ALL OTHER REQUIREMENTS.

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CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
GYPSY HILL PARK PUMP HOUSE RENOVATIONS BID ALT NO. 1

ELECTRICAL LEGEND, ABBREVIATIONS, GENERAL NOTES, AND SCHEDULE

No.	Date	Purpose of Document Issue

Designed	MHE
Drawn	JTS
Checked	MHE
Date	2/20/2026

Project No. 17679

THOMPSON & LITTON

Sheet No. E001

File Name: C:\Users\thomas_reed\Documents\16472 Gypsy Hill Park Bathroom Renovation - Elec_treedGMERN.rvt

Date/Time: 3/30/2022 9:15:52 PM

SECTION 26000 - ELECTRICAL SPECIFICATIONS

PART 1 - GENERAL 1.1

1.1. BASIC ELECTRICAL METHODS

A. DRAWINGS ARE SCHEMATIC AND DIAGRAMMATIC. USE JUDGMENT AND CARE TO INSTALL ELECTRICAL WORK TO FUNCTION PROPERLY AND FIT WITHIN BUILDING CONSTRUCTION AND FINISHES. ELECTRICAL CONDUCTORS, CONDUIT, COMPONENTS, NOT SHOWN OR SPECIFIED, WHICH ARE REQUIRED FOR ANY DEVICE OR SYSTEM TO PRODUCE A COMPLETE AND OPERATIVE SYSTEM ARE REQUIRED TO BE FURNISHED AND INSTALLED.

B. ROUTE CONDUITS AND WIRING ASSOCIATED WITH NEW EQUIPMENT AND SYSTEMS ABOVE CEILINGS AND CONCEALED WITHIN BUILDING STRUCTURE AS MUCH AS POSSIBLE.

C. PROVIDE PROPER NUMBER OF CONDUCTORS AND CONDUITS OR CABLES TO PROVIDE OPERATIVE SYSTEM AS INDICATED ON CONTRACT DOCUMENTS. DO NOT REGROUP ANY FEEDER CIRCUITS, BRANCH CIRCUITS, AND HOME RUNS AT ANY POINT, FROM THAT SHOWN ON CONTRACT DOCUMENTS.

D. NEW EQUIPMENT, SWITCHES, DEVICES, SHOWN MOUNTED ON AND/OR ADJACENT TO EQUIPMENT, WHICH IF INSTALLED, WOULD IMPAIR PROPER OPERATION OF EXISTING EQUIPMENT, SHALL BE RELOCATED AS REQUIRED SO EQUIPMENT WILL FUNCTION PROPERLY.

E. SEAL AND MAKE PERMANENTLY WATERTIGHT PENETRATIONS BY ELECTRICAL RACEWAYS OR EQUIPMENT THROUGH ROOFS, CEILINGS, WALLS OR FLOORS.

1. SEAL PENETRATIONS IN NON-FIRE RATED CEILINGS, WALLS OR FLOORS.

2. SEAL PENETRATIONS IN FIRE RATED WALLS TO MAINTAIN RATING AS DESCRIBED IN INCLUDED UL PENETRATION DETAILS, (IF APPLICABLE).

F. TIGHTEN ELECTRICAL CONNECTORS AND TERMINALS, INCLUDING SCREWS AND BOLTS, IN ACCORDANCE WITH EQUIPMENT MANUFACTURER'S PUBLISHED TORQUE TIGHTENING VALUES FOR EQUIPMENT CONNECTORS. WHERE MANUFACTURER'S TORQUING REQUIREMENTS ARE NOT INDICATED, TIGHTEN CONNECTORS AND TERMINALS TO COMPLY WITH TIGHTENING TORQUE SPECIFIED IN UL 486A, AND NFPA 70.

G. INSTALL EQUIPMENT AND MATERIALS TO PROVIDE REQUIRED MAINTENANCE AND CODE WORKING CLEARANCE FOR SERVICING AND MAINTENANCE. COORDINATE FINAL LOCATION OF CONCEALED EQUIPMENT AND DEVICES REQUIRING ACCESS WITH FINAL LOCATION OF REQUIRED ACCESS PANELS AND DOORS. ALLOW REQUIRED SPACE FOR REMOVAL OF PARTS THAT REQUIRE REPLACEMENT OR SERVICING.

1.2 QUALITY ASSURANCE

A. ELECTRICAL COMPONENTS, DEVICES, AND ACCESSORIES: LISTED AND LABELED AS DEFINED IN NFPA 70, ARTICLE 100, BY A TESTING AGENCY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.

PART 2 - PRODUCTS

2.1 GENERAL

A. ALL DEVICES, AND COMPONENTS SHALL BE SPECIFICATION GRADE PRODUCTS. SIZES, WATTAGES, AMPACITIES, AND OTHER SPECIFICS ARE INDICATED ON THE DRAWINGS OR SPECIFIED HEREIN. ALL ELECTRICAL COMPONENTS SHALL BE NEW ITEMS WHICH ARE CURRENTLY IN PRODUCTION BY THE MANUFACTURER.

2.2 RECEPTACLES

A. DUPLEX RECEPTACLES: SPECIFICATION GRADE DUPLEX RECEPTACLES, 3-WIRE GROUNDING TYPE, WIRED WITH SCREW TERMINALS, 125 VOLT, 20 AMP, NEMA 5-20R CONFIGURATION. EXPOSED FACES OF DEVICES SHALL BE WHITE IN COLOR. COVER PLATES TO BE TYPE 302 STAINLESS STEEL WITH BRUSHED FINISH. PROVIDE GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLES WITH TEST AND RESET BUTTONS ON THE EXPOSED FACE, INSTALL WHERE INDICATED ON THE DRAWINGS, AND WITHIN 6' OF A SINK OR SHOWER, NO FEED-THROUGH GFCI RECEPTACLES MAY BE USED. PROVIDE WEATHER RESISTANT RECEPTACLE THAT MEETS NEC ARTICLE 406.9 REQUIREMENTS INSTALL WHERE INDICATED ON THE DRAWINGS. WHERE INDICATED ON DRAWING, INSTALL 1-GANG WATERPROOF WHILE IN USE COVER PLATES TO RECEPTACLES .

2.3 CONDUIT

A. ALL CONDUCTORS SHALL BE RUN IN ELECTRIC METALLIC TUBING (EMT), 3/4" MINIMUM SIZE, EXCEPT AS SPECIFICALLY NOTED OTHERWISE. FITTINGS FOR EMT SHALL BE STEEL SET SCREW, OR GLAND COMPRESSION TYPE. PROVIDE PULL BOXES AT NECESSARY POINT TO PREVENT INJURY TO INSULATION OR DAMAGE FROM PULLING RESISTANCE ON LONG CIRCUIT ROUTES. CONTINUOUS RUNS NOT TO EXCEED 100'.

B. RIGID GALVANIZED STEEL SHALL BE USED FOR ALL CONNECTIONS TO SURFACE MOUNTED LIGHTING FIXTURES.

C. ALL CONDUITS SHALL BE GROUNDED PER NEC AND INCLUDE AN EQUIPMENT GROUNDING CONDUCTOR.

D. PROVIDE LIQUIDTIGHT FLEXIBLE METAL CONDUIT FOR CONNECTIONS TO VIBRATING EQUIPMENT SUCH AS MOTORS OR TRANSFORMERS.

E. MC CONDUIT NOT EXCEEDING 6'-0" MAY BE USED TO MAKE FINAL CONNECTIONS TO LIGHTING FIXTURES.

2.4 CONDUCTORS

A. ALL WIRE SHALL BE COPPER CONDUCTOR, 600 VOLT, THHN/THWN, WITH MOISTURE-RESISTANT INSULATION. SIZE ALL CONDUCTORS PER NEC, PROVIDING VOLTAGE DROP OF 3 PER CENT OR LESS. FOR ALL USES, MINIMUM WIRE SIZE SHALL BE AWG #12. WIRE SIZES LARGER THAN #10 SHALL BE STRANDED, ALL OTHERS SHALL BE SOLID. PROVIDE AMPACITY BASED ON 75 DEGREES C RATING FOR CONDUCTOR SIZES AWG #1, AND LARGER, AND BASED ON 60 DEGREE RATING FOR CONDUCTOR SIZES SMALLER THAN #1 AWG. PROVIDE FULL RATED NEUTRAL CONDUCTORS.

2.5 LIGHTING CONTROL

A. LIGHTING SWITCHES - 120/277 VOLT AC, 20AMP, SPECIFICATION GRADE, SPST AS SHOWN.

B. OCCUPANCY SENSORS:

1. MANUAL/AUTOMATIC ON AND MANUAL/AUTOMATIC OFF.

2. DUAL TECHNOLOGY - ULTRASONIC AND PASSIVE INFRARED.

3. ADJUSTABLE TIME DELAY UP TO 30 MINUTES. FIELD ADJUSTABLE SENSITIVITY. RATED FOR LOADS INDICATED. INITIALLY SET FOR 10 MINUTES UNLESS OTHERWISE DIRECTED BY OWNER.

4. PROVIDE ADDITIONAL SENSORS AS REQUIRED BY PROVIDED MANUFACTURER'S REQUIREMENTS.

5. WALL SENSOR/SWITCH: MANUAL WALL SWITCH WITH BUILT IN OCCUPANCY SENSOR. FIELD ADJUSTABLE TIME DELAY. 180 DEGREES COVERAGE. PROVIDE COVERAGE AS REQUIRED FOR COMPLETE SYSTEM. EXPOSED FACES OF DEVICES SHALL BE WHITE IN COLOR. COVER PLATES TO BE TYPE 302 STAINLESS STEEL WITH BRUSHED FINISH.

6. CEILING SENSORS: LOW PROFILE, WHITE FINISH, 360 DEGREES COVERAGE, MASKING SHIELDS AS REQUIRED FOR COVERAGE.

2.6 CIRCUIT BREAKERS FOR INSTALLATION IN EXISTING PANELBOARDS

A. CIRCUIT BREAKERS SHALL BE FULLY COMPATIBLE WITH THE EXISTING PANELBOARDS WITH REGARD TO VOLTAGE, INTERRUPTING RATING, AND MOUNTING PROVISIONS, WITH ALL ACCESSORIES NECESSARY FOR A COMPLETE INSTALLATION. PROVIDE COVERS FOR ALL UNUSED CIRCUIT BREAKER SPACES. CIRCUIT BREAKERS SHALL BE THERMAL MAGNETIC MOLDED CASE TYPE OF SAME MANUFACTURER AND MODEL SERIES AS THE EXISTING PANELBOARDS.

2.7 ELECTRICAL IDENTIFICATION

A. PROVIDE PLASTIC NAMEPLATES AT ALL EXISTING PANELBOARDS WHERE CIRCUITS ARE MODIFIED (IF NOT ALREADY PRESENT), AND AT ALL DISCONNECTS. NAMEPLATES SHALL BE THREE-LAYER LAMINATED PLASTIC, WHITE LETTERS ENGRAVED INTO A BLACK BACKGROUND, WITH 1/4"HIGH LETTERS. FOR DISCONNECTS, IDENTIFY EQUIPMENT SERVED, INCLUDING VOLTAGE RATINGS. FOR PANELBOARDS, IDENTIFY PANELBOARD, VOLTAGE, NUMBER OF PHASES, AND THE DISTRIBUTION PANELBOARD WHICH PROVIDES THE POWER FEED.

B. PROVIDE NEATLY TYPED CIRCUIT BREAKER DIRECTORY IN ALL PANELBOARDS, INCLUDING EXISTING PANELBOARDS WITH CIRCUITS MODIFIED AS PART OF THIS WORK. DIRECTORY SHALL SHOW THE CIRCUIT NUMBER AND COMPLETE DESCRIPTION OF ALL COMPONENTS ON ALL CIRCUITS, INCLUDING ROOM NUMBERS OR ROOM NAMES WHERE COMPONENTS ARE LOCATED, AS APPROVED BY THE OWNER.

C. PROVIDE WIRE MARKERS ON EACH CONDUCTOR IN PANELBOARDS, PULL BOXES, OUTLET BOXES, JUNCTION BOXES, AND AT LOAD CONNECTION. IDENTIFY WIRE WITH BRANCH CIRCUIT OR FEEDER NUMBER FOR POWER AND LIGHTING CIRCUITS, AND WITH CONTROL WIRE NUMBER FOR EQUIPMENT, AS IDENTIFIED ON EQUIPMENT MANUFACTURER'S SHOP DRAWINGS FOR CONTROL WIRING.

D. LABEL ALL RECEPTACLES THAT HAVE GROUND FAULT CIRCUIT INTERRUPTER PROTECTION.

E. LABEL ALL RECEPTACLES COVER PLATES ON THE BACK FACE WITH A PERMANENT MACHINE-PRINTED LABEL, INDICATING THE PANELBOARD AND CIRCUIT NUMBER WHICH SERVES THE RECEPTACLE.

2.8 OTHER MATERIALS

A. PROVIDE OTHER MATERIALS AND MISCELLANEOUS COMPONENTS, NOT SPECIFICALLY DESCRIBED BUT REQUIRED FOR A COMPLETE AND PROPER INSTALLATION, AS SELECTED BY THE CONTRACTOR SUBJECT TO THE APPROVAL OF THE A/E.

2.9 LIGHTING FIXTURES

A. FIXTURE SHALL BE SPECIFICATION GRADE, EQUIVALENT IN FORM AND FUNCTION TO THE LIGHT FIXTURE SCHEDULE.

B. FIXTURES SHALL BE UL LISTED DAMP OR WET LOCATION AS REQUIRED FOR THE AREA SERVED.

C. FIXTURES SHALL BE SECURELY MOUNTED, LEVEL, AND SQUARE TO THE ROOM ORIENTATION.

PART 3 - EXECUTION

3.1 INSTALLATION - GROUNDING AND BONDING

A. PROVIDE BONDING AND GROUNDING IN CONFORMANCE WITH NFPA 70.

B. EQUIPMENT GROUNDING CONDUCTOR: PROVIDE SEPARATE, INSULATED CONDUCTOR WITHIN EACH FEEDER AND BRANCH CIRCUIT RACEWAY. TERMINATE EACH END ON SUITABLE LUG, BUS, OR BUSHING.

3.2 INSTALLATION - HANGERS AND SUPPORTS

A. INSTALL PRODUCTS IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED INSTRUCTIONS.

B. DO NOT FASTEN SUPPORTS TO PIPES, DUCTS, MECHANICAL EQUIPMENT, AND CONDUIT.

C. DO NOT USE SPRING STEEL CLIPS AND CLAMPS.

D. DO NOT USE POWDER-ACTUATED ANCHORS.

E. FABRICATE SUPPORTS FROM STRUCTURAL STEEL ANGLE OR STRUCTURAL STEEL CHANNEL. RIGIDLY WELD MEMBERS OR USE HEXAGON HEAD BOLTS TO PRESENT NEAT APPEARANCE WITH ADEQUATE STRENGTH AND RIGIDITY. USE SPRING LOCK WASHERS UNDER ALL NUTS.

3.3 INSTALLATION - CONDUCTORS AND CABLES:

A. WIRING METHODS:

1. MINIMUM RACEWAY SIZE IS 3/4" DIAMETER.

2. IDENTIFY WIRE AND CABLE USING VINYL MARKERS.

3. ROUTE CONDUITS TO REACH THEIR DESTINATION IN A NEAT AND ORDERLY MANNER.

B. USE STRANDED COPPER CONDUCTORS FOR CONTROL CIRCUITS AND FINAL CONNECTIONS TO ALL VIBRATION EQUIPMENT.

C. PULL ALL CONDUCTORS INTO RACEWAY AT SAME TIME.

D. USE APPROVED WIRE PULLING LUBRICANT FOR ALL BUILDING WIRE.

E. PROTECT EXPOSED CABLE FROM DAMAGE.

F. NEATLY TRAIN AND LACE WIRING INSIDE BOXES, EQUIPMENT, AND PANELBOARDS.

G. CLEAN CONDUCTOR SURFACES BEFORE INSTALLING LUGS AND CONNECTORS.

H. MAKE SPLICES, TAPS, AND TERMINATIONS TO CARRY FULL AMPACITY OF CONDUCTORS WITH NO PERCEPTABLE TEMPERATURE RISE.

I. USE SOLDERLESS PRESSURE COMPRESSION CONNECTORS WITH INSULATING COVERS FOR COPPER CONDUCTOR SPLICES AND TAPS 8 AWG AND SMALLER.

J. USE CONDUCTORS RATED 90 DEGREES C. INSIDE A BALLAST COMPARTMENT OR WITHIN 6 INCHES OF ANY BALLAST.

K. CONDUCTOR SIZES 8 AWG AND LARGER: CLASS B STRANDING.

3.4 INSTALLATION - RACEWAYS AND BOXES

A. CONDUIT ROUTING INDICATED ON DRAWINGS ARE APPROXIMATE LOCATIONS UNLESS DIMENSIONED. ROUTE PARALLEL AND PERPENDICULAR TO BUILDING CONSTRUCTION FOR COMPLETE WIRING SYSTEM REGARDLESS WHETHER EXPOSED OR CONCEALED.

B. ARRANGE SUPPORTS TO PREVENT MISALIGNMENT DURING WIRING INSTALLATION.

C. GROUP RELATED CONDUITS; SUPPORT USING CONDUIT RACK. CONSTRUCT RACK USING APPROVED STEEL CHANNEL. PROVIDE SPACE ON EACH FOR 25% ADDITIONAL CONDUITS.

D. FASTEN CONDUIT SUPPORTS TO BUILDING STRUCTURE AND SURFACES UNDER PROVISIONS OF THIS SECTION.

E. DO NOT SUPPORT CONDUIT WITH WIRE OR PERFORATED PIPE STRAPS IN ANY TYPE STRUCTURE. REMOVE WIRE USED FOR TEMPORARY SUPPORTS. STEEL TIE WIRE MAY BE USED TO ANCHOR CONDUIT DOWN TO REINFORCING RODS IN CONCRETE ENCASEMENT ONLY.

F. ARRANGE CONDUIT TO MAINTAIN HEADROOM AND PRESENT NEAT APPEARANCE.

G. ROUTE ALL CONDUIT WHETHER EXPOSED OR CONCEALED PARALLEL AND PERPENDICULAR TO WALLS, CEILINGS, BUILDING STRUCTURES, ETC.

H. MAINTAIN REQUIRED CLEARANCE BETWEEN CONDUIT AND PIPING.

I. MAINTAIN 12 INCH CLEARANCE BETWEEN CONDUIT AND SURFACES WITH TEMPERATURES EXCEEDING 104 DEGREES F.

J. BRING CONDUIT TO SHOULDER OF FITTINGS; FASTEN SECURELY.

K. USE CONDUIT HUBS OR SEALING LOCKNUTS TO FASTEN CONDUIT TO SHEET METAL BOXES IN DAMP AND WET LOCATIONS AND TO CAST BOXES.

L. INSTALL NO MORE THAN EQUIVALENT OF THREE 90 DEGREE BENDS BETWEEN BOXES. USE CONDUIT BODIES TO MAKE SHARP CHANGES IN DIRECTION, AS AROUND BEAMS.

M. AVOID MOISTURE TRAPS; PROVIDE JUNCTION BOX WITH DRAIN FITTING AT LOW POINTS IN CONDUIT SYSTEM.

N. PROVIDE SUITABLE FITTINGS TO ACCOMMODATE EXPANSION AND DEFLECTION WHERE CONDUIT CROSSES CONTROL AND EXPANSION JOINTS.

O. PROVIDE SUITABLE NYLON PULL STRING OR 14 AWG STEEL WIRE IN EACH CONDUIT EXCEPT SLEEVES AND NIPPLES.

P. USE SUITABLE CAPS TO PROTECT INSTALLED CONDUIT AGAINST ENTRANCE OF DIRT AND MOISTURE.

Q. GROUND AND BOND CONDUIT PER NFPA 70.

R. COAT ALL METALLIC CONDUIT MALE EXPOSED THREADS WITH "GENERAL ELECTRIC RTV SILICONE SEALER WHERE CONDUIT IS INSTALLED IN EXTERIOR AREAS OR IN CONTACT WITH CONCRETE OR EARTH.

S. CONDUITS SIZED AS INDICATED ON DRAWINGS. WHERE SIZE NOT INDICATED, SIZE PER NFPA 70.

T. CAP ALL UPTURNED CONDUITS DURING CONSTRUCTION ROUGH-IN TO PREVENT MOISTURE OR DEBRIS FROM ENTERING. PULL THROUGH EACH AND EVERY CONDUIT A DRY SWAB OF SUFFICIENT SIZE TO REMOVE ANY AND ALL MOISTURE.

U. MAXIMUM 6 FOOT LENGTH FLEXIBLE METAL CONDUIT (GREENFIELD), OR FLEXIBLE LIQUIDTITE PERMITTED.

V. ASSURE GROUND CONTINUITY ON ALL BRANCH CIRCUIT CONDUITS WITH TWO LOCKNUTS, ONE INSIDE AND ONE OUTSIDE OF ALL BOXES, CABINETS AND GUTTERS FOR RIGID CONDUIT.

W. INSTALL ALL ABOVE GRADE FEEDERS IN ELECTRIC METALLIC TUBING (EMT) CONDUIT UNLESS NOTED OTHERWISE.

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CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
GYPSY HILL PARK PUMP HOUSE RENOVATIONS BID ALT NO. 1

ELECTRICAL SPECIFICATIONS

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Date	2/20/2026

Project No.
17679

THOMPSON & LITTON

Sheet No.
E002

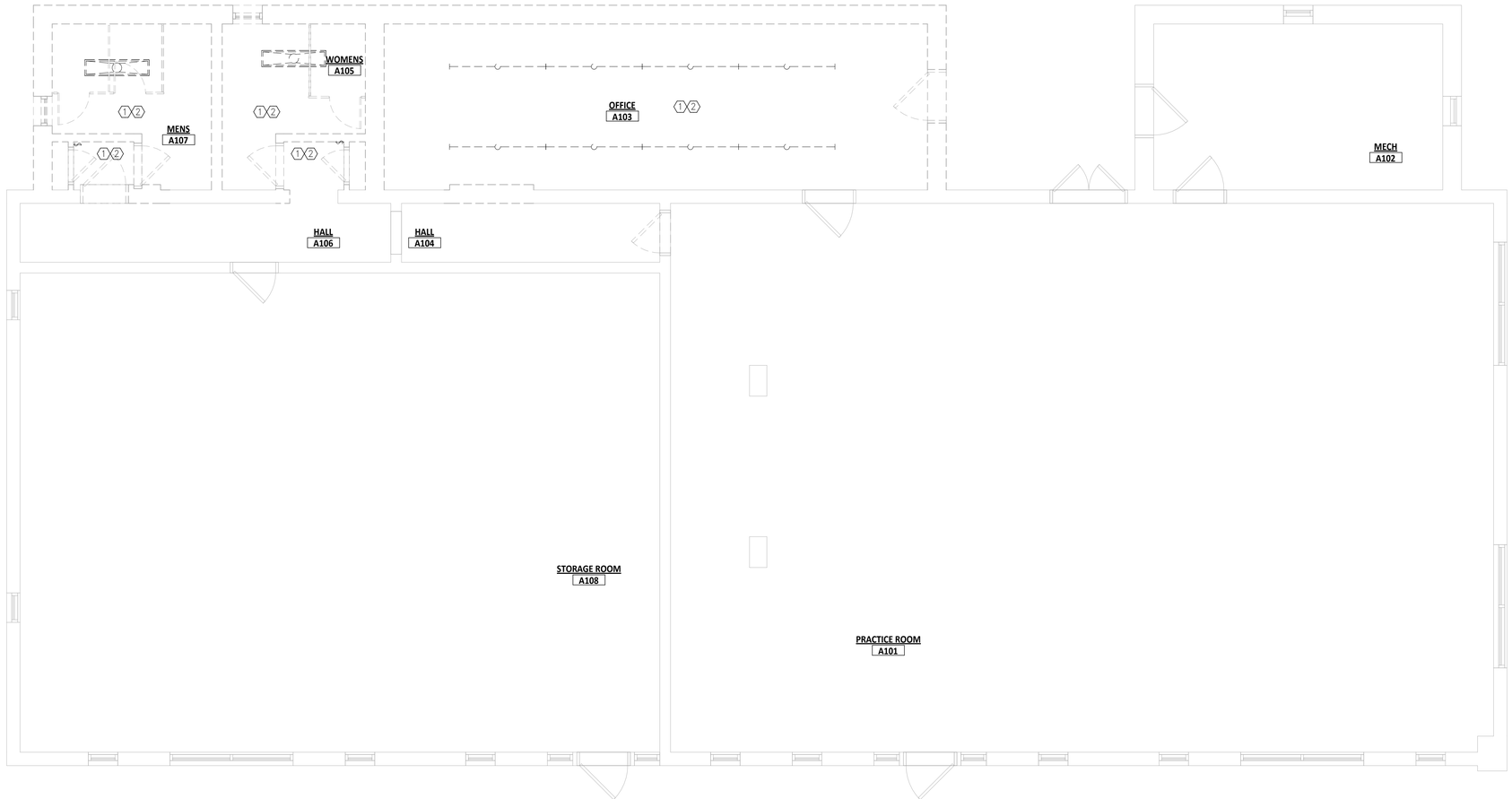
Date/Time: 3/30/2022 9:15:52 PM
File Name: C:\Users\thomas_reed\Documents\16472 Gypsy Hill Park Bathroom Renovation - Elec_treedGMEXN.rvt

SHEET GENERAL NOTES:

1. ANY UNUSED OR EMPTY CONDUIT PENETRATING WALLS SHALL BE DEMOLISHED BACK TO WALL AND CAPPED.

⬡ SHEET KEYED NOTES:

1. DISCONNECT AND REMOVE ALL EXISTING LIGHTING FIXTURES THAT ARE LOCATED ON WALLS INDICATED TO BE DEMOLISHED. MAINTAIN ALL ASSOCIATED WIRING FROM DEMOLISHED FIXTURES FOR RECONNECTION OF NEW LIGHTING FIXTURES INDICATED ON SHEET E101.
2. DISCONNECT AND REMOVE ALL EXISTING LIGHTING CONTROLS THAT ARE LOCATED ON WALLS INDICATED TO BE DEMOLISHED. MAINTAIN ALL ASSOCIATED WIRING FROM DEMOLISHED LIGHTING CONTROLS FOR RECONNECTION OF NEW LIGHTING CONTROLS INDICATED ON SHEET E101. FIELD VERIFY DEVICE LOCATIONS.



DEMOLITION LIGHTING PLAN

1/4" = 1'-0"

PLAN NORTH

0 2' 4' 8'

SCALE: 1/4" = 1'-0"

COMMONWEALTH OF VIRGINIA
MICHAEL HUGH ELDER JR.
Lic No. 031140
2/20/26
PROFESSIONAL ENGINEER

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
GYPSY HILL PARK PUMP HOUSE RENOVATIONS BID ALT NO. 1

DEMOLITION LIGHTING PLAN

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Designed	MHE
Drawn	JTS
Checked	MHE
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THOMPSON & LITTON

Sheet No.
ED101

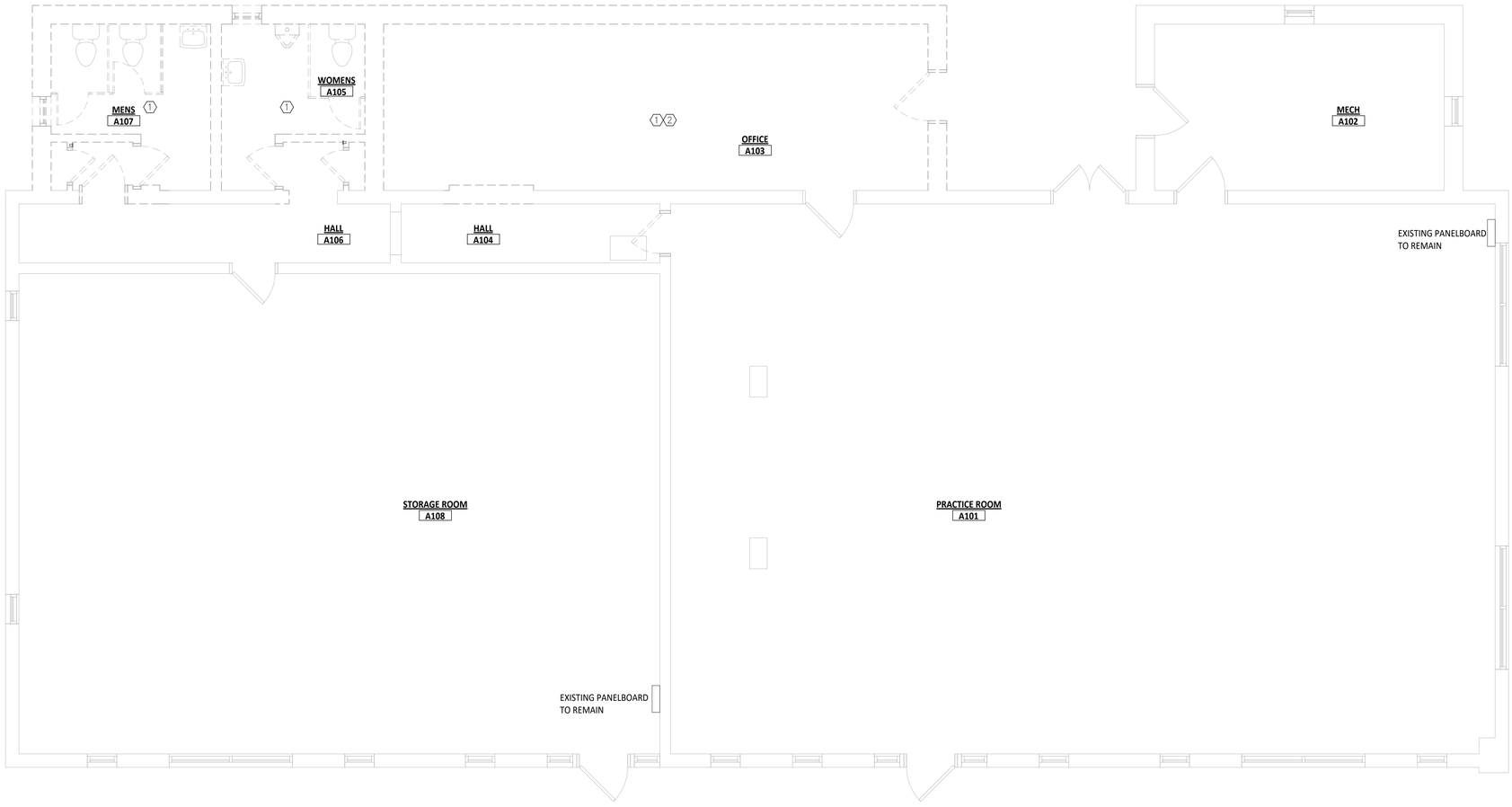
Date/Time: 3/11/2026 2:28:25 PM File Name: C:\Users\david_buchanan\Documents\17679 Gypsy Hill Park Pump House Renovations - Elec_dbuchananWNY5C.rvt

SHEET GENERAL NOTES:

1. ANY UNUSED OR EMPTY CONDUIT PENETRATING WALLS SHALL BE DEMOLISHED BACK TO WALL AND CAPPED.

⬡ SHEET KEYED NOTES:

1. DISCONNECT AND REMOVE ALL RECEPTACLE OUTLETS THAT ARE LOCATED ON WALLS INDICATED TO BE DEMOLISHED. MAINTAIN ALL ASSOCIATED WIRING FROM DEMOLISHED OUTLETS FOR RECONNECTION OF NEW RECEPTACLE OUTLETS INDICATED ON SHEET E201. ALL EXISTING RECEPTACLES SHOWN ON EXISTING TO REMAIN WALLS SHALL BE MAINTAINED.
2. DISCONNECT AND REMOVE ALL DATA OUTLETS THAT ARE LOCATED ON WALLS INDICATED TO BE DEMOLISHED. MAINTAIN ALL ASSOCIATED WIRING FROM DEMOLISHED OUTLETS FOR RECONNECTION OF NEW DATA OUTLETS INDICATED ON SHEET E201. ALL EXISTING DATA DEVICES SHOWN ON EXISTING TO REMAIN WALLS SHALL BE MAINTAINED.



DEMOLITION POWER AND COMMUNCATIONS PLAN

1/4" = 1'-0"

PLAN NORTH

0 2' 4' 8'

SCALE: 1/4" = 1'-0"

COMMONWEALTH OF VIRGINIA
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PROFESSIONAL ENGINEER

CITY OF STAUNTON PARK FACILITIES IMPROVEMENTS
GYPSY HILL PARK PUMP HOUSE RENOVATIONS BID ALT NO. 1

DEMOLITION POWER AND COMMUNICATIONS PLAN

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Project No.
17679

THOMPSON & LITTON

Sheet No.
ED102

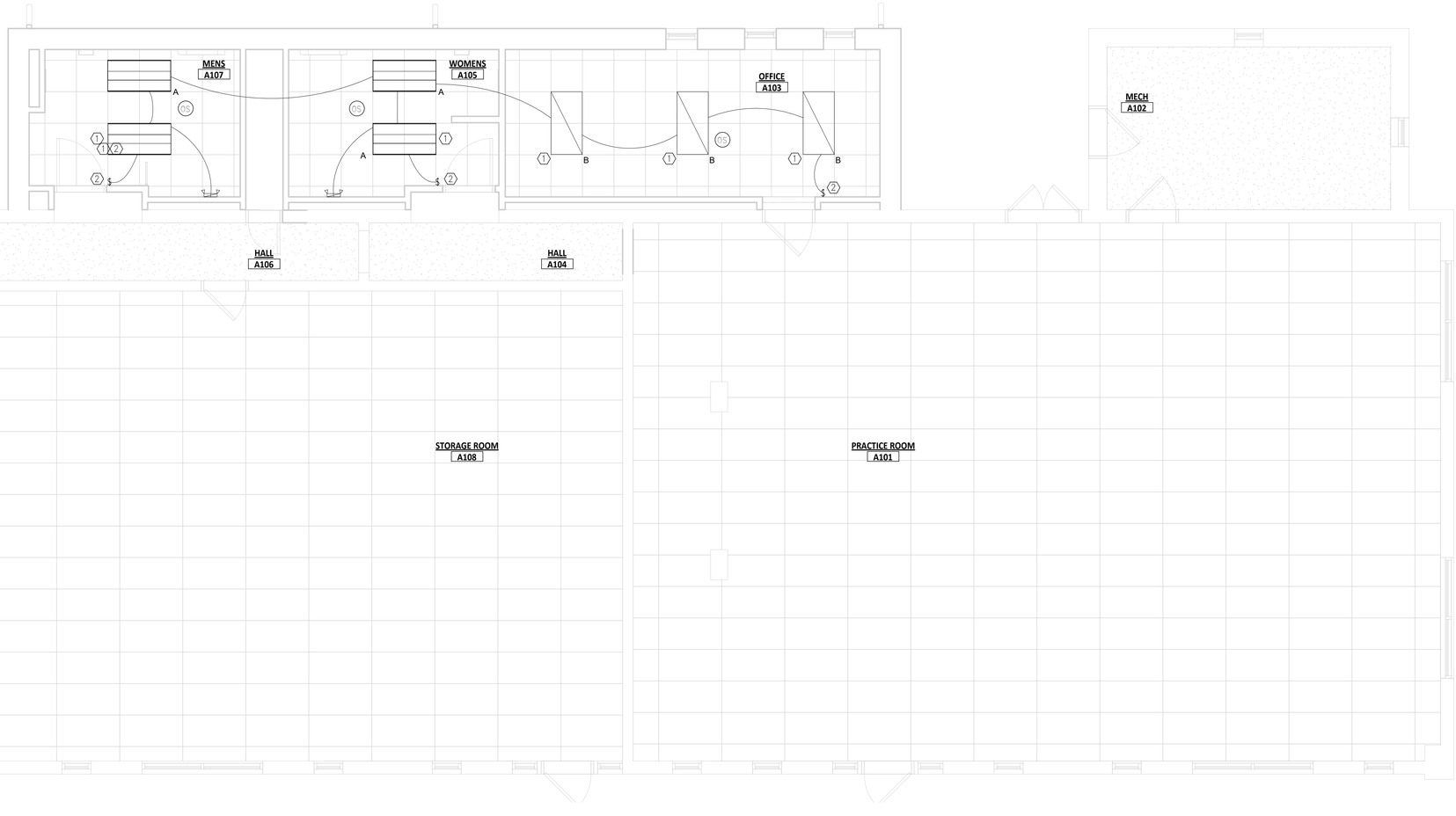
Date/Time: 3/11/2026 2:28:26 PM File Name: C:\Users\david_buchanan\Documents\17679 Gypsy Hill Park Pump House Renovations - Elec_dbuchananWNYSC.rvt

SHEET GENERAL NOTES:

1. CONTRACTOR SHALL PROVIDE REVISED TYPED PANEL SCHEDULES.
2. CONTRACTOR SHALL PROVIDE PRINTED LABELS ON EQUIPMENT, LIGHTING CONTROLS, DISCONNECTS, JUNCTION BOXES, AND RECEPTACLES WITH SOURCE OF POWER.
3. CONNECT ALL EXIT SIGNS TO UNSWITCHED PORTION OF NEAREST LIGHTING CIRCUIT.
4. ROOMS WITH OCCUPANCY AND TOGGLE SWITCHES SHALL HAVE LIGHTS TURN ON AUTOMATICALLY WHEN MOTION IS DETECTED IN THE SPACE, REGARDLESS OF TOGGLE SWITCH POSITION.
5. CERTAIN EXISTING TO REMAIN HOMERUNS ARE NOT CURRENTLY SHOWN ON EXISTING PANEL SCHEDULES. CONTRACTOR SHALL FIELD VERIFY POWER SOURCE TO ALL BRANCH CIRCUITS AND UPDATE PANEL SCHEDULE ACCORDINGLY.
6. SEE SHEET E001 FOR LIGHT FIXTURE SCHEDULE.

⬡ SHEET KEYED NOTES:

1. NEW LIGHTING FIXTURES SHALL BE RECONNECTED USING EXISTING CIRCUITRY ASSOCIATED FROM DEMOLISHED LIGHTING FIXTURES. EXTEND ALL CONDUIT AND WIRES AS NEEDED FOR CONNECTION MATCHING EXISTING.
2. NEW LIGHTING CONTROLS SHALL BE RECONNECTED USING EXISTING CIRCUITRY ASSOCIATED FROM DEMOLISHED LIGHTING CONTROLS. EXTEND ALL CONDUIT AND WIRES AS NEEDED FOR CONNECTION MATCHING EXISTING. FIELD VERIFY EXTENSION LOCATIONS AND DISTANCES.



LIGHTING PLAN
1/4" = 1'-0"

PLAN NORTH

0 2' 4' 8'

SCALE: 1/4" = 1'-0"

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LIGHTING PLAN

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THOMPSON & LITTON

Sheet No.
E101

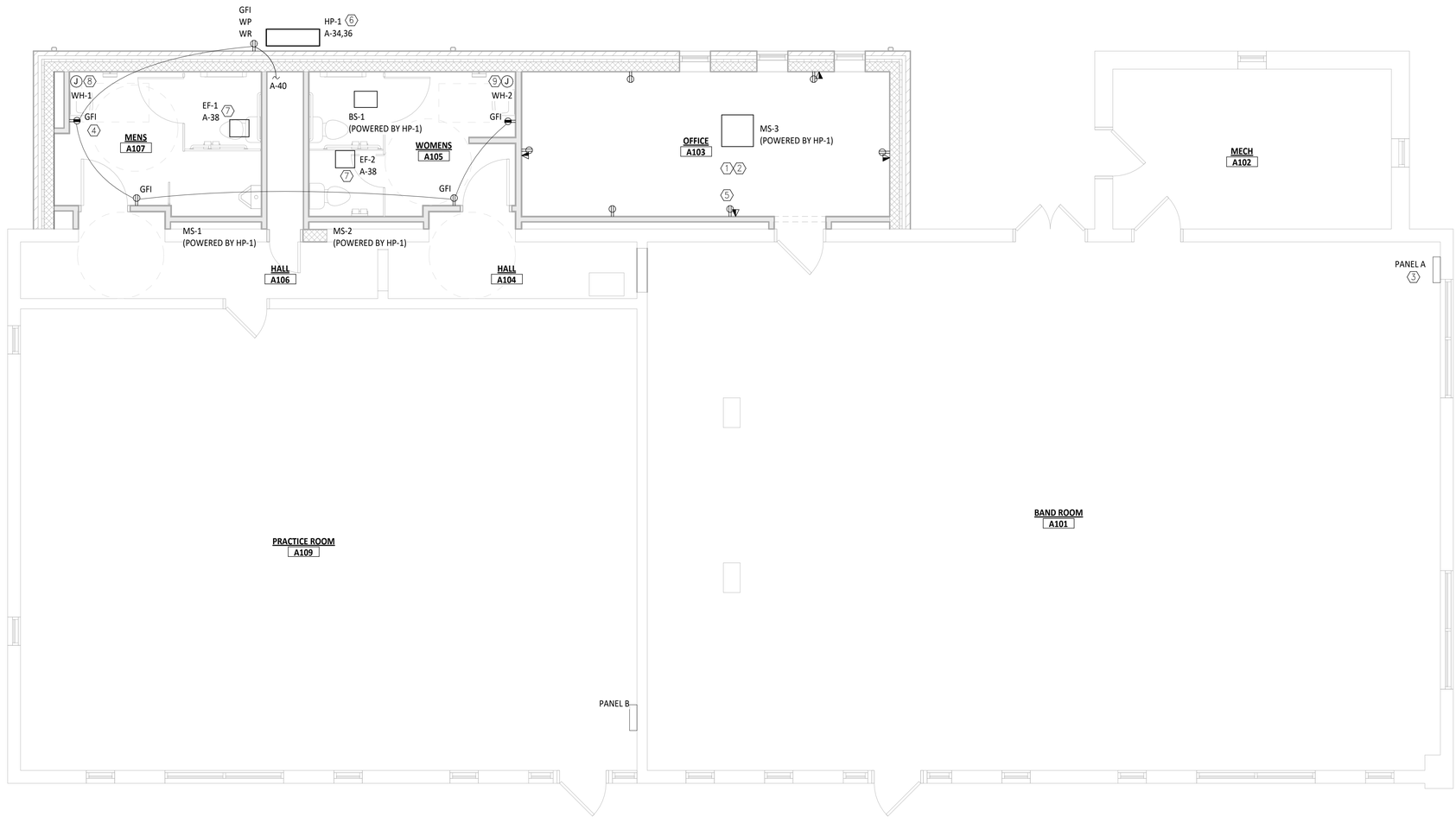
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SHEET GENERAL NOTES:

1. CONTRACTOR SHALL PROVIDE REVISED TYPED PANEL SCHEDULES.
2. CONTRACTOR SHALL PROVIDE PRINTED LABELS ON EQUIPMENT, LIGHTING CONTROLS, DISCONNECTS, JUNCTION BOXES, AND RECEPTACLES WITH SOURCE OF POWER.
3. CERTAIN EXISTING TO REMAIN HOMERUNS ARE NOT CURRENTLY SHOWN ON EXISTING PANEL SCHEDULES. CONTRACTOR SHALL FIELD VERIFY POWER SOURCE TO ALL BRANCH CIRCUITS AND UPDATE PANEL SCHEDULE ACCORDINGLY.
4. FOR ANY NEW CIRCUITS SHOWN, CONTRACTOR SHALL INSTALL NEW BREAKERS MATCHING MANUFACTURER, TYPE, AND RATING OF NEW PANELBOARD AND UPDATE PANEL SCHEDULE WITH LOAD AND LOCATION.
5. CONTRACTOR SHALL GROUND MODIFIED INCOMING WATER SERVICE IN ACCORDANCE WITH NEC 250. BONDING CONDUCTOR SHALL BE MINIMUM #6 STRANDED COPPER. COORDINATE REQUIREMENTS WITH PLUMBING CONTRACTOR.

⬡ SHEET KEYED NOTES:

1. NEW RECEPTACLES SHALL BE RECONNECTED USING EXISTING CIRCUITRY ASSOCIATED FROM DEMOLISHED RECEPTACLES. EXTEND NEW CONDUIT AND WIRING CONCEALED IN NEW WALL CONSTRUCTION AS NEEDED MATCHING EXISTING. FIELD VERIFY EXTENSION LOCATIONS AND DISTANCES.
2. NEW DATA OUTLETS SHALL BE RECONNECTED USING EXISTING CIRCUITRY ASSOCIATED FROM DEMOLISHED RECEPTACLE OUTLETS. EXTEND OR PROVIDE NEW CONDUIT AND WIRING AS NEEDED.
3. PROVIDE NAMEPLATE LABEL AND UPDATED PANEL SCHEDULE TO EXISTING PANELBOARD AS INDICATED. PROVIDE SUPPLEMENTAL EXTERIOR 10' COPPER GROUND ROD AND TIE TO EXISTING PANEL B GROUND BUS USING A #2 ELECTRODE CONDUCTOR.
4. PROVIDE NEW 20AMP, 120VOLT, 1 POLE BREAKER IN PANEL A, CIRCUIT NUMBER 38 FOR CONNECTION OF NEW RECEPTACLES. CONNECT WITH 2#12 THWN CU, 1#12 THWN CU GND, 3/4" EMT. LABEL BREAKER "RECEPT MENS & WOMENS BATHROOM".
5. ANY EXISTING TO REMAIN DEVICES NOT LABELED TO BE DEMOLISHED ON SHEET ED102 ON THIS WALL SHALL BE REMOUNTED AND REINSTALLED IN THE SAME LOCATION AS EXISTING ON THE NEW WALL INDICATED. EXTEND CIRCUITRY AND CONDUIT AS NEEDED TO OBTAIN FULL FUNCTION OF ANY DEVICES THAT WERE REINSTALLED.
6. PROVIDE NEW 50AMP, 240VOLT, 2 POLE BREAKER IN PANEL A, CIRCUIT NUMBER 34 AND 36 FOR CONNECTION OF NEW OUTDOOR UNIT. CONNECT WITH 3#8 THWN CU, 1#10 THWN CU GND, 3/4" EMT. LABEL BREAKER "MS-1,2,3 & HP-1".
7. PROVIDE NEW 20AMP, 120VOLT, 1 POLE BREAKER IN PANEL A, CIRCUIT NUMBER 38 FOR CONNECTION OF NEW EXHAUST FANS. CONNECT WITH 2#12 THWN CU, 1#12 THWN CU GND, 3/4" EMT. LABEL BREAKER "EF-1,2".
8. PROVIDE NEW 20AMP, 120VOLT, 1 POLE BREAKER IN PANEL A, CIRCUIT NUMBER 39 FOR CONNECTION OF WATER HEATER. CONNECT WITH 2#12 THWN CU, 1#12 THWN CU GND, 3/4" EMT. LABEL BREAKER "WH-1-MENS A107".
9. PROVIDE NEW 20AMP, 120VOLT, 1 POLE BREAKER IN PANEL A, CIRCUIT NUMBER 41 FOR CONNECTION OF WATER HEATER. CONNECT WITH 2#12 THWN CU, 1#12 THWN CU GND, 3/4" EMT. LABEL BREAKER "WH-1-WOMENS A107".



POWER AND COMMUNICATIONS PLAN

1/4" = 1'-0"

PLAN NORTH

0 2' 4' 8'

SCALE: 1/4" = 1'-0"

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POWER AND COMMUNICATIONS PLAN

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Sheet No.
E201

Date/Time: 3/11/2026 2:28:26 PM File Name: C:\Users\david_buchanan\Documents\17679 Gypsy Hill Park Pump House Renovations - Elec_dbuchananWNYSC.rvt