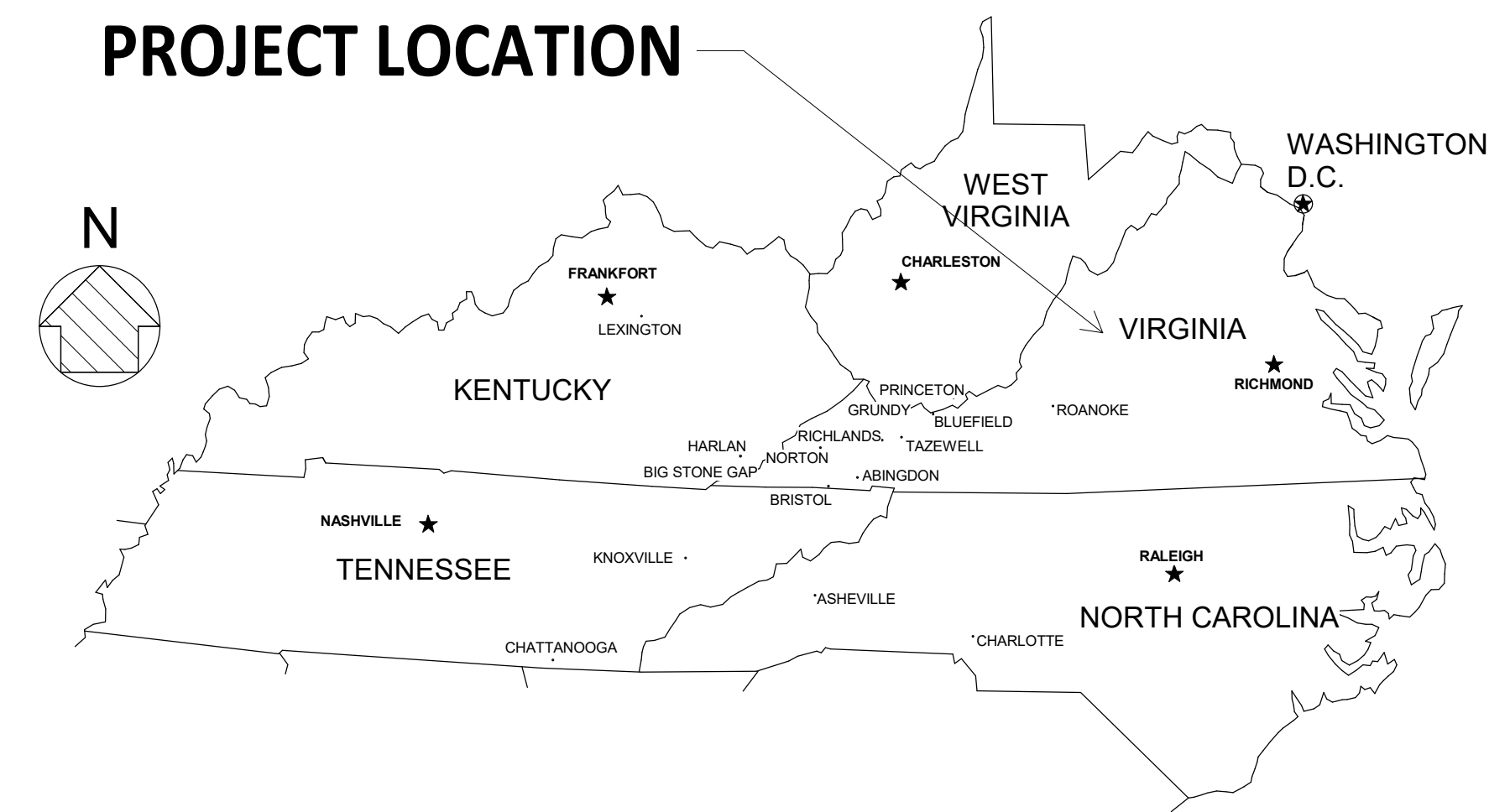


PROJECT LOCATION



VICINITY MAP

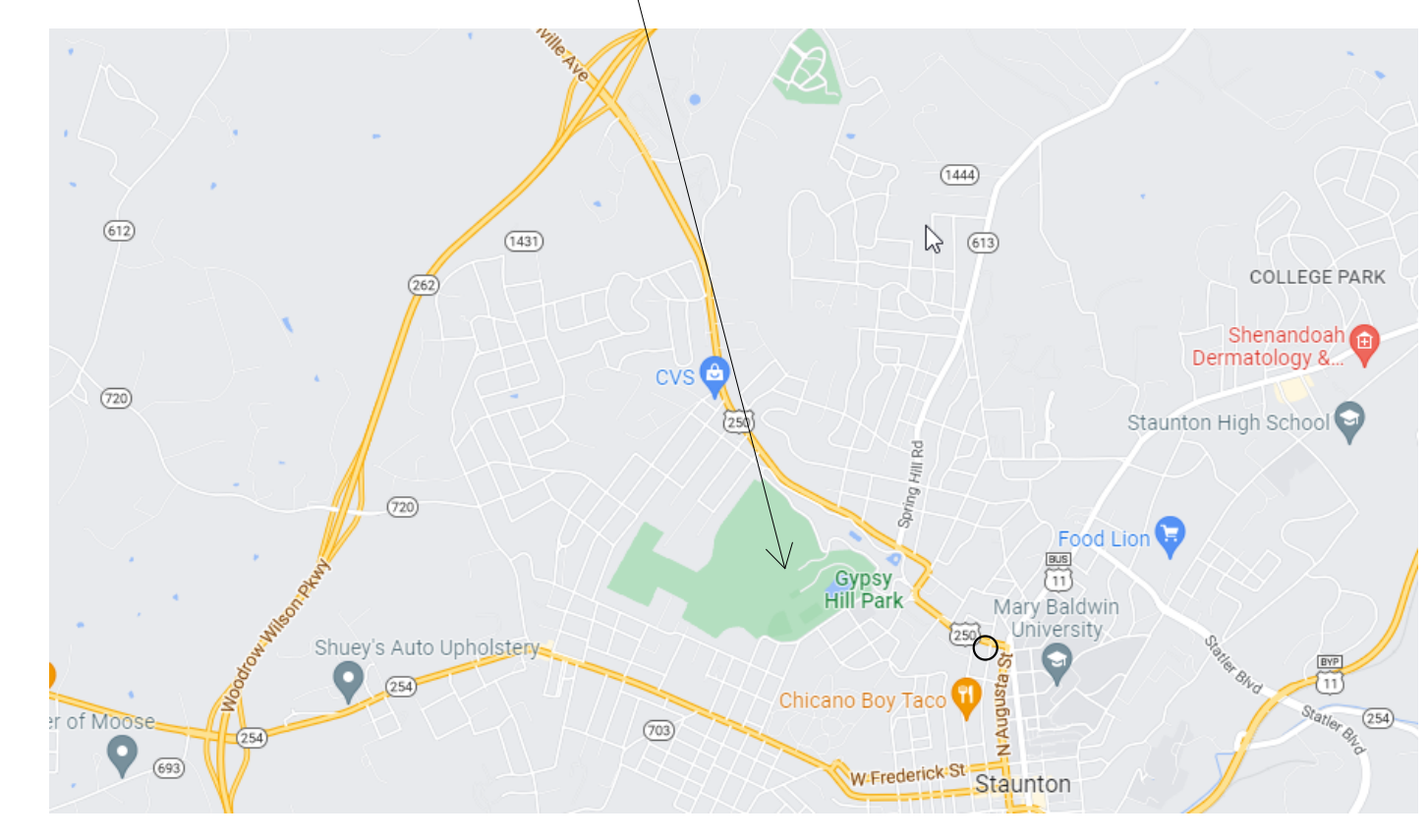


THOMPSON
& LITTON

EST. 1956

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

PROJECT LOCATION



PROJECT DESCRIPTION

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

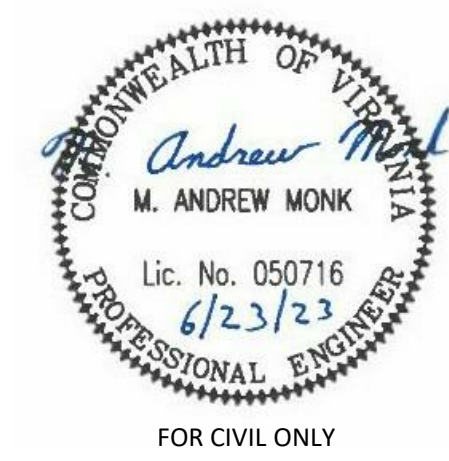
GYPSY HILL PARK

RESTROOM IMPROVEMENTS

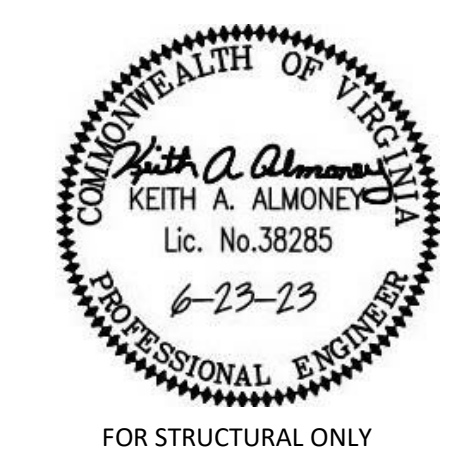
PREPARED FOR

CITY OF STAUNTON

STAUNTON, VIRGINIA



FOR CIVIL ONLY



FOR STRUCTURAL ONLY



FOR ARCHITECTURAL & LIFE SAFETY ONLY



FOR ELECTRICAL ONLY



FOR PLUMBING & MECHANICAL ONLY

PROJECT NO.: 16472

06/23/2023

ISSUED FOR BIDS
FEBRUARY 16, 2024

City of Staunton Bid # B00124

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Seal

GYPSY HILL PARK RESTROOM IMPROVEMENTS
STAUNTON, VIRGINIA

TITLE SHEET

No.	Date	Purpose of Document Issue

Designed	EFS
Drawn	KCF
Checked	EFS
Date	06/23/2023

Project No.
16472



THOMPSON
& LITTON

Sheet No.
G001

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, STANDARD 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 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 SWEEPED 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-GRAING 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 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.

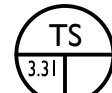
GENERAL EROSION & SEDIMENT CONTROL NOTES

- 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

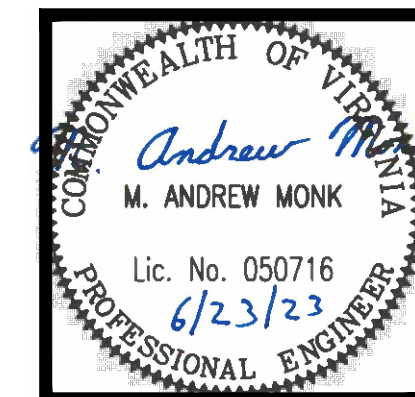
EXISTING	NEW	DESCRIPTION
--- 340 ---	340	CONTOUR
+ 54.50	+ 54.50	SPOT ELEVATION
		BUILDING
		BENCHMARK
---		PROPERTY BOUNDARY
		ASPHALT PAVEMENT
		CONCRETE
		GRAVEL
— RD —		ROOF DRAIN
— W —	W	WATER
		BALL VALVE
		WATER METER
		YARD HYDRANT
— S —	S	SANITARY SEWER
		MANHOLE
	 C.O.	CLEANOUT
== == ==		STORM DRAIN
		STORM STRUCTURE
— UGE —		UNDERGROUND ELECTRICAL
— OHE —		OVERHEAD ELECTRICAL
 —		FENCE
		POWER POLE
— LOD —		LIMITS OF DISTURBANCE
— ... —		EDGE OF WATER

EROSION & SEDIMENT CONTROL LEGEND

<u>SYMBOL</u>	<u>DESCRIPTION</u>
— X — X — 	SILT FENCE
	TOPSOILING
	TEMPORARY SEEDING
	PERMANENT SEEDING
	MULCHING
	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



GYPSY HILL PARK RESTROOM IMPROVEMENTS

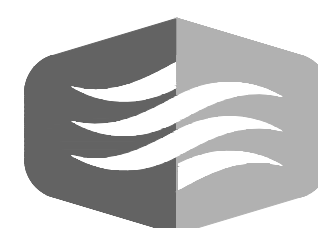
STAUNTON, VIRGINIA

GENERAL NOTES, EROSION & SEDIMENT CONTROL NOTES & LEGENDS

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Drawn	JWS/ACM
Checked	MAM
Date	06-23-2022

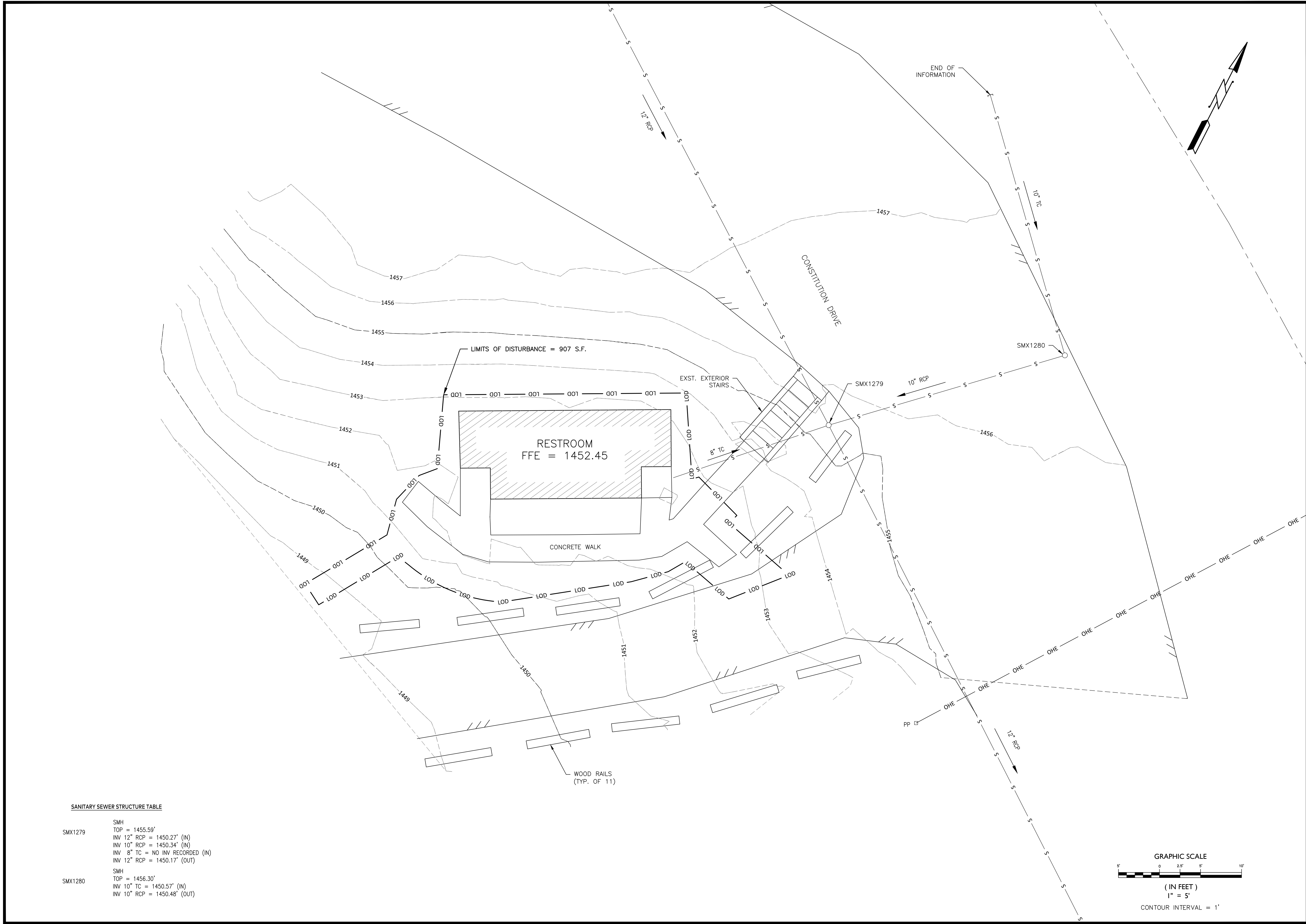
Project No.
16472



THOMPSON
& LITTON

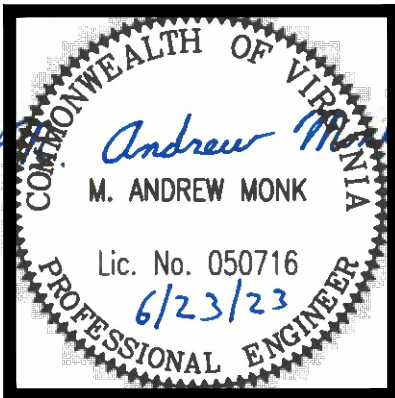
Sheet No.

C001



SANITARY SEWER STRUCTURE TABLE

SMX1279	SMH
	TOP = 1455.59'
	INV 12" RCP = 1450.27' (IN)
	INV 10" RCP = 1450.34' (IN)
	INV 8" TC = NO INV RECORDED (IN)
SMX1280	SMH
	TOP = 1456.30'
	INV 10" TC = 1450.57' (IN)
	INV 10" RCP = 1450.48' (OUT)



GYPHY HILL PARK RESTROOM IMPROVEMENTS

STAUNTON, VIRGINIA

POOL RESTROOM EXISTING SITE PLAN

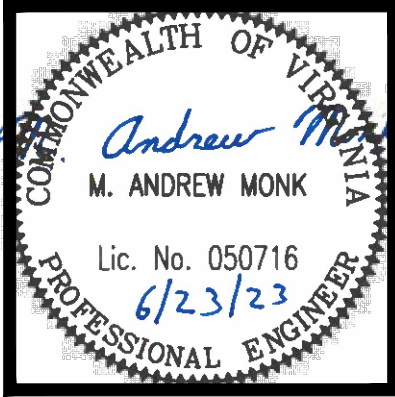
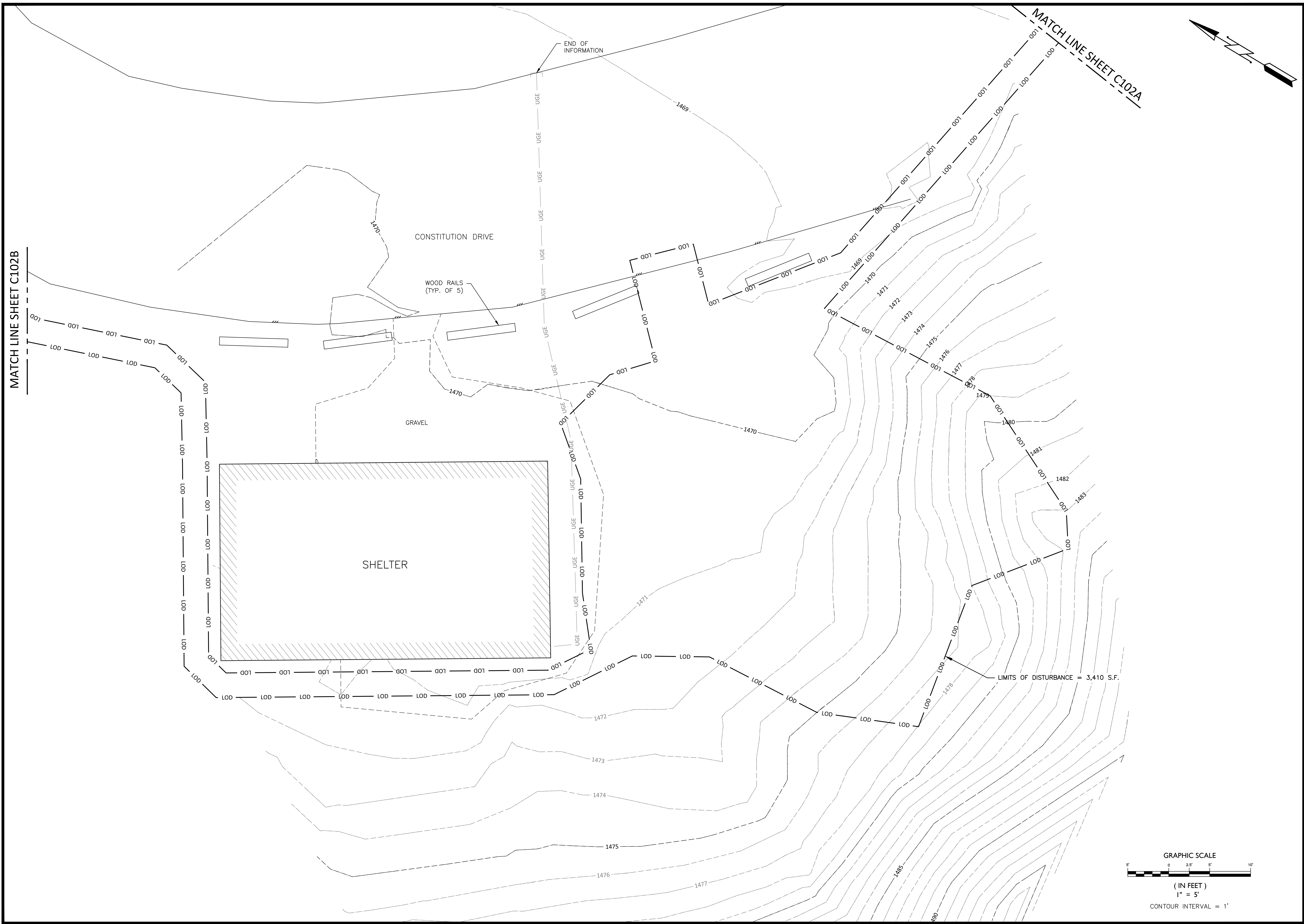
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Checked	MAM
Date	06-23-2022

Project No.
16472



Sheet No.
C100



GYPSY HILL PARK RESTROOM IMPROVEMENTS
STAUNTON, VIRGINIA
NORTH RESTROOM EXISTING SITE PLAN

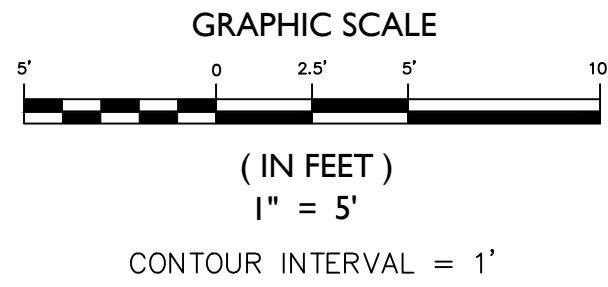
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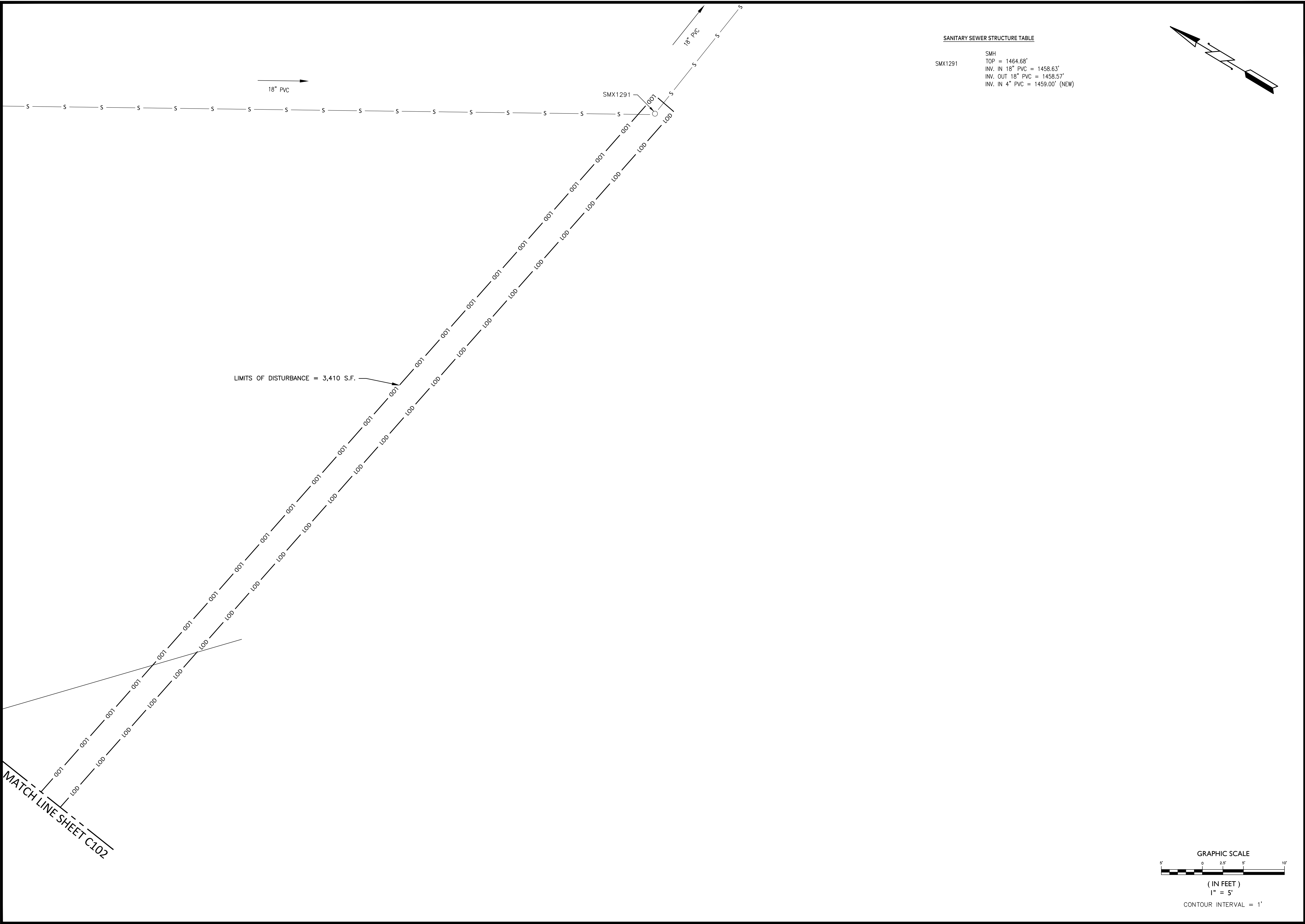
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Date	06-23-2022

Project No.
16472



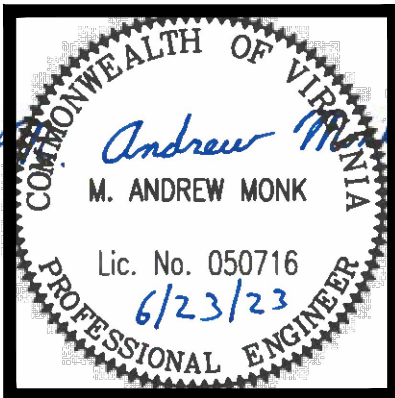
Sheet No.
C102





SANITARY SEWER STRUCTURE TABLE

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



GYPHY HILL PARK RESTROOM IMPROVEMENTS

STAUNTON, VIRGINIA

NORTH RESTROOM

EXISTING SITE PLAN CONT'D.

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Checked	MAM
Date	06-23-2022

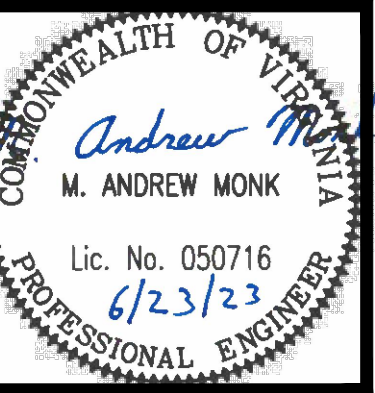
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16472



Sheet No.

C102A



GYPSY HILL PARK RESTROOM IMPROVEMENTS

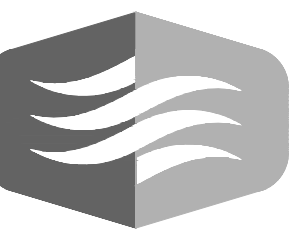
STAUNTON, VIRGINIA

NORTH RESTROOM
EXISTING SITE PLAN CONT'D.

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Date	06-23-2022

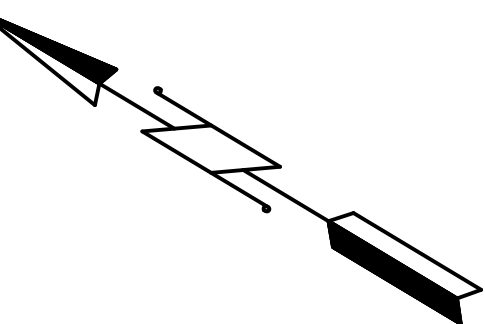
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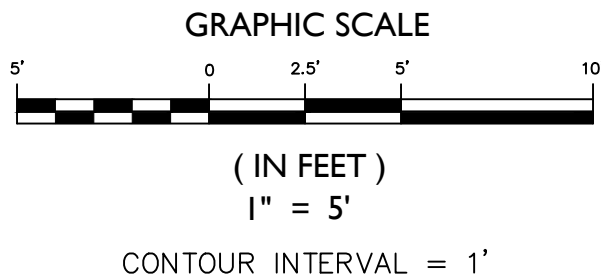
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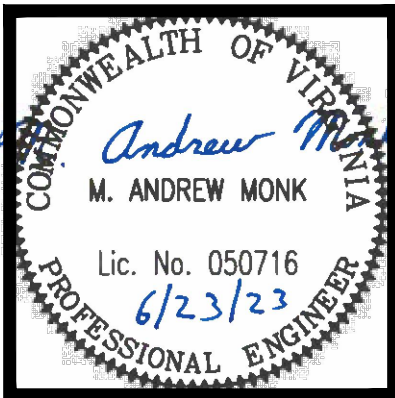
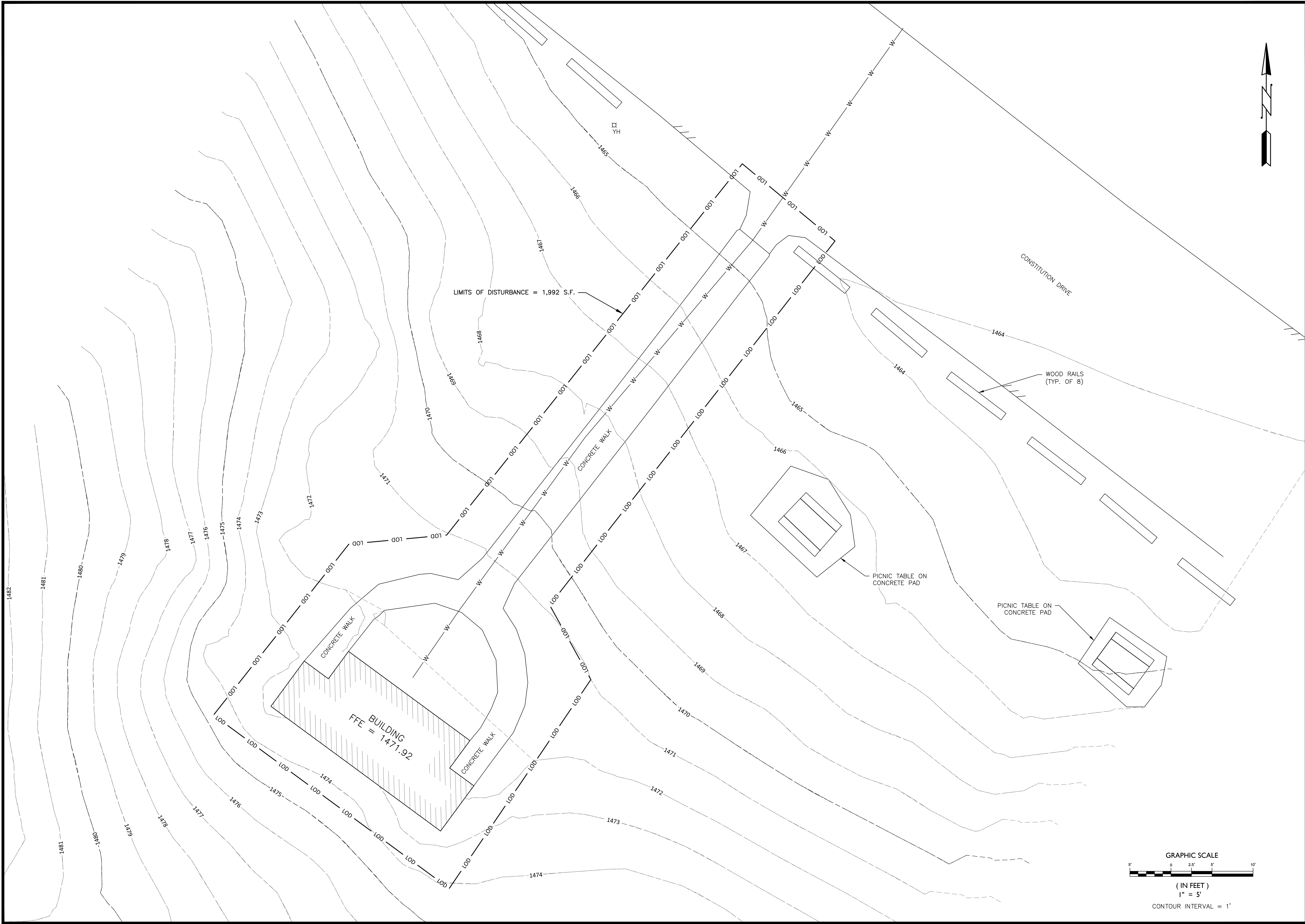


CONSTITUTION DRIVE

LIMITS OF DISTURBANCE = 3,410 S.F.

MATCH LINE SHEET C102





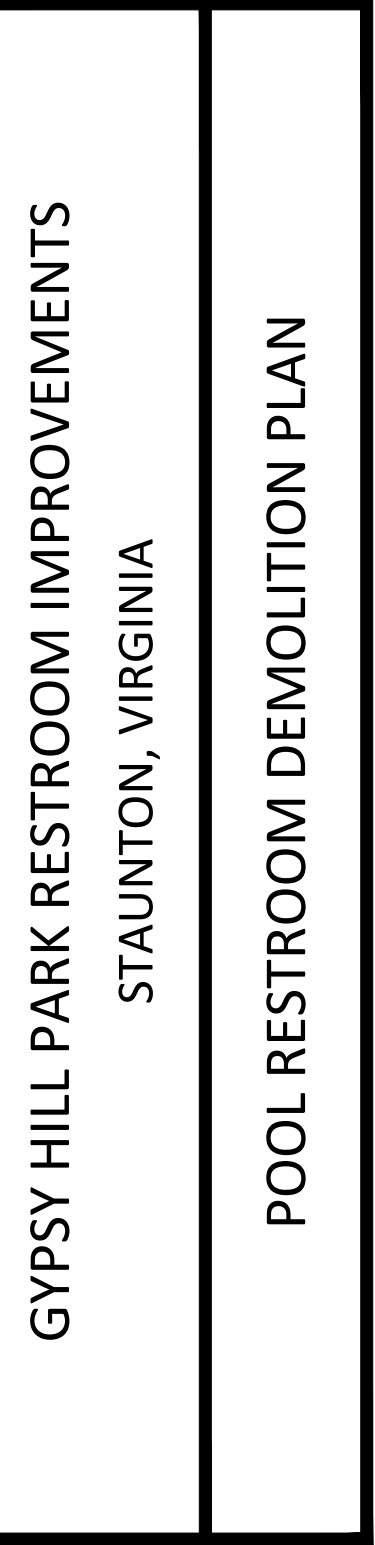
GYPSY HILL PARK RESTROOM IMPROVEMENTS
STAUNTON, VIRGINIA
EXISTING NORTH RESTROOM
EXISTING SITE PLAN

Purpose of Document Issue	
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Checked	MAM
Date	06-23-2022

Project No.	16472
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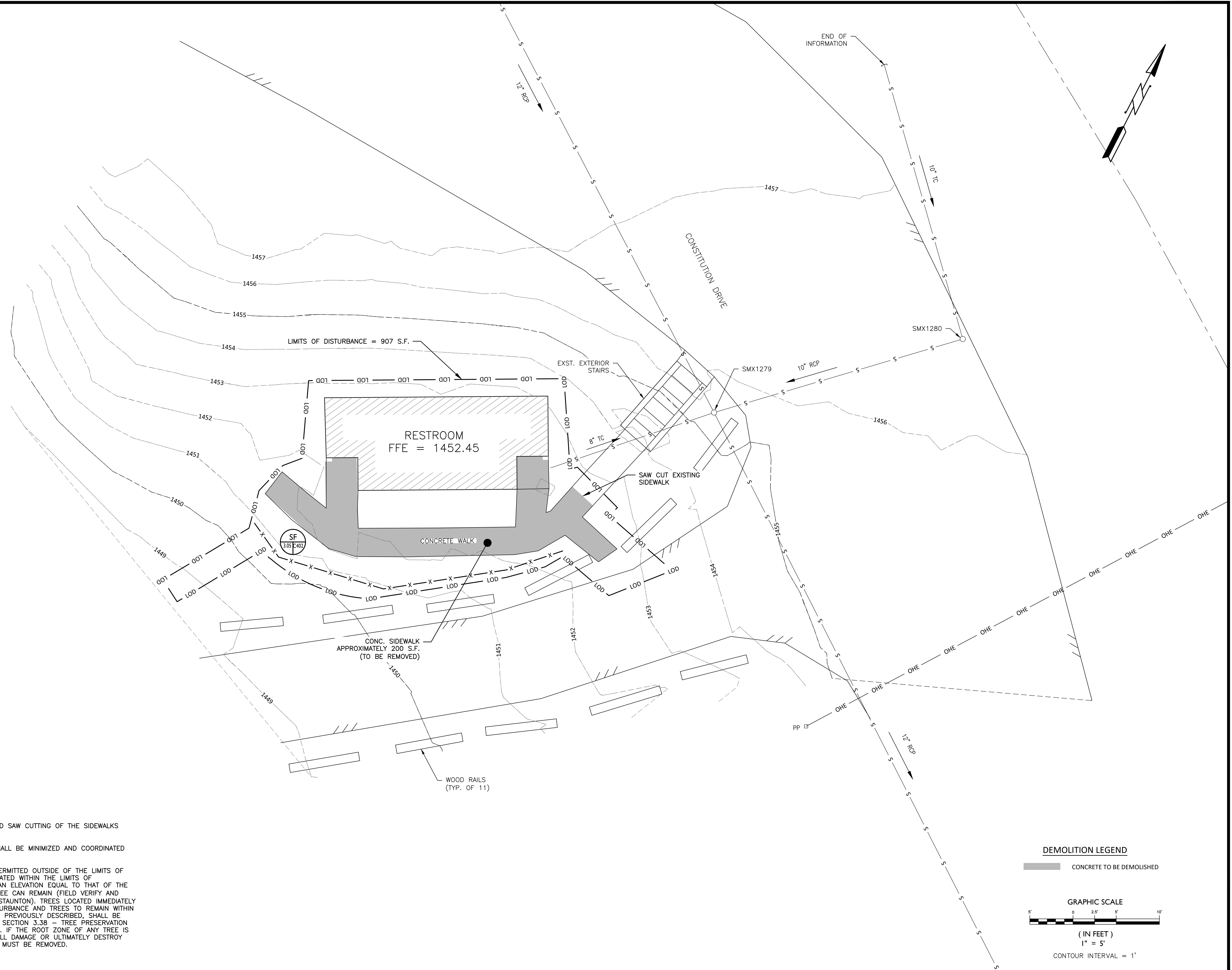
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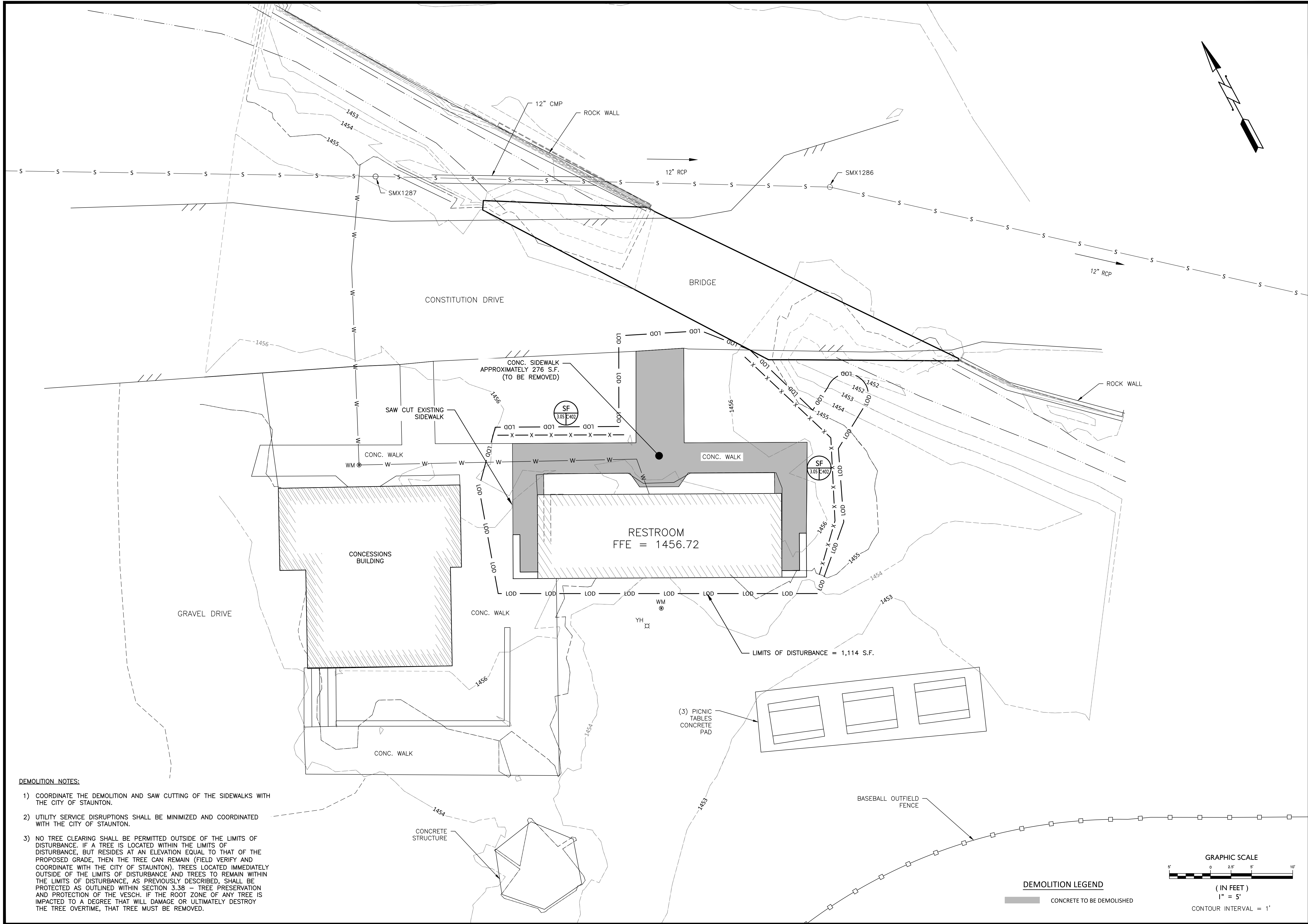


THOMPSON
& LITTON

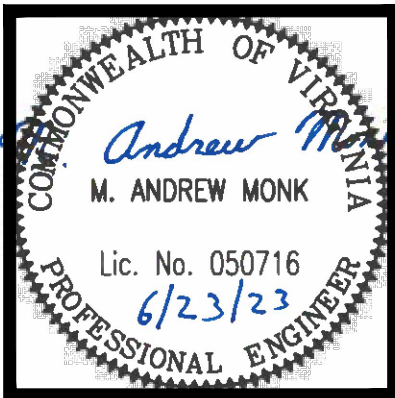
Sheet No.

C200





- 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.



GYPSY HILL PARK RESTROOM IMPROVEMENTS
STAUNTON, VIRGINIA
CONCESSIONS RESTROOM DEMOLITION PLAN

Purpose of Document Issue	
No.	Date

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Date	06-23-2022

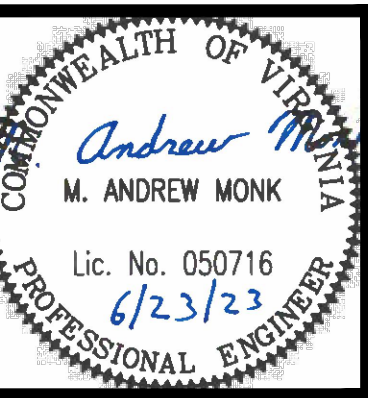
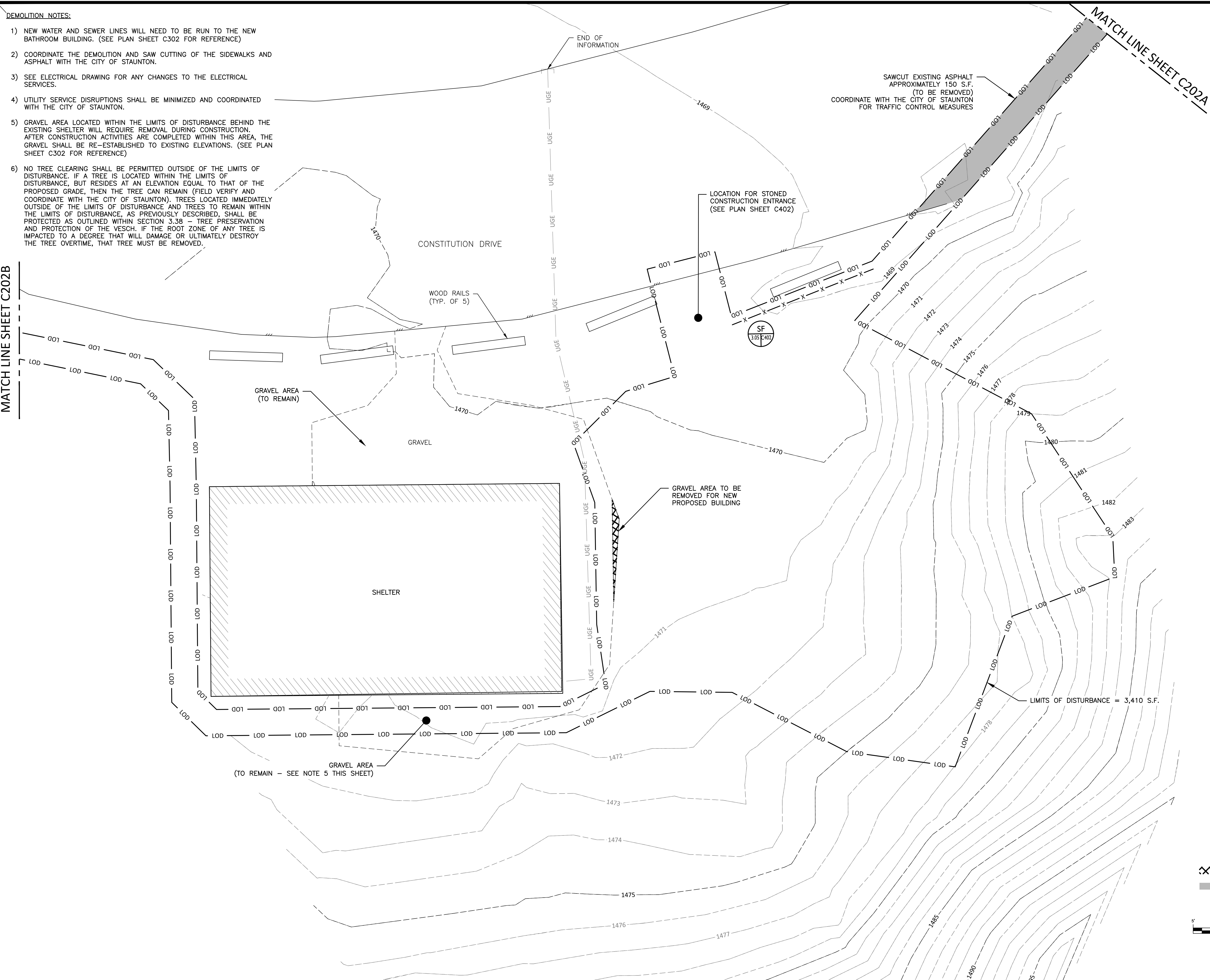
Project No.
16472



Sheet No.
C201

- 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.

MATCH LINE SHEET C202B



GYPSY HILL PARK RESTROOM IMPROVEMENTS

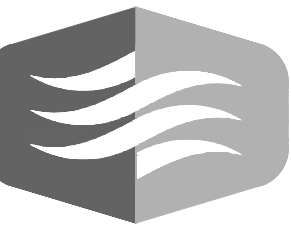
STAUNTON, VIRGINIA

NORTH RESTROOM DEMOLITION PLAN

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Checked	MAM
Date	06-23-2022

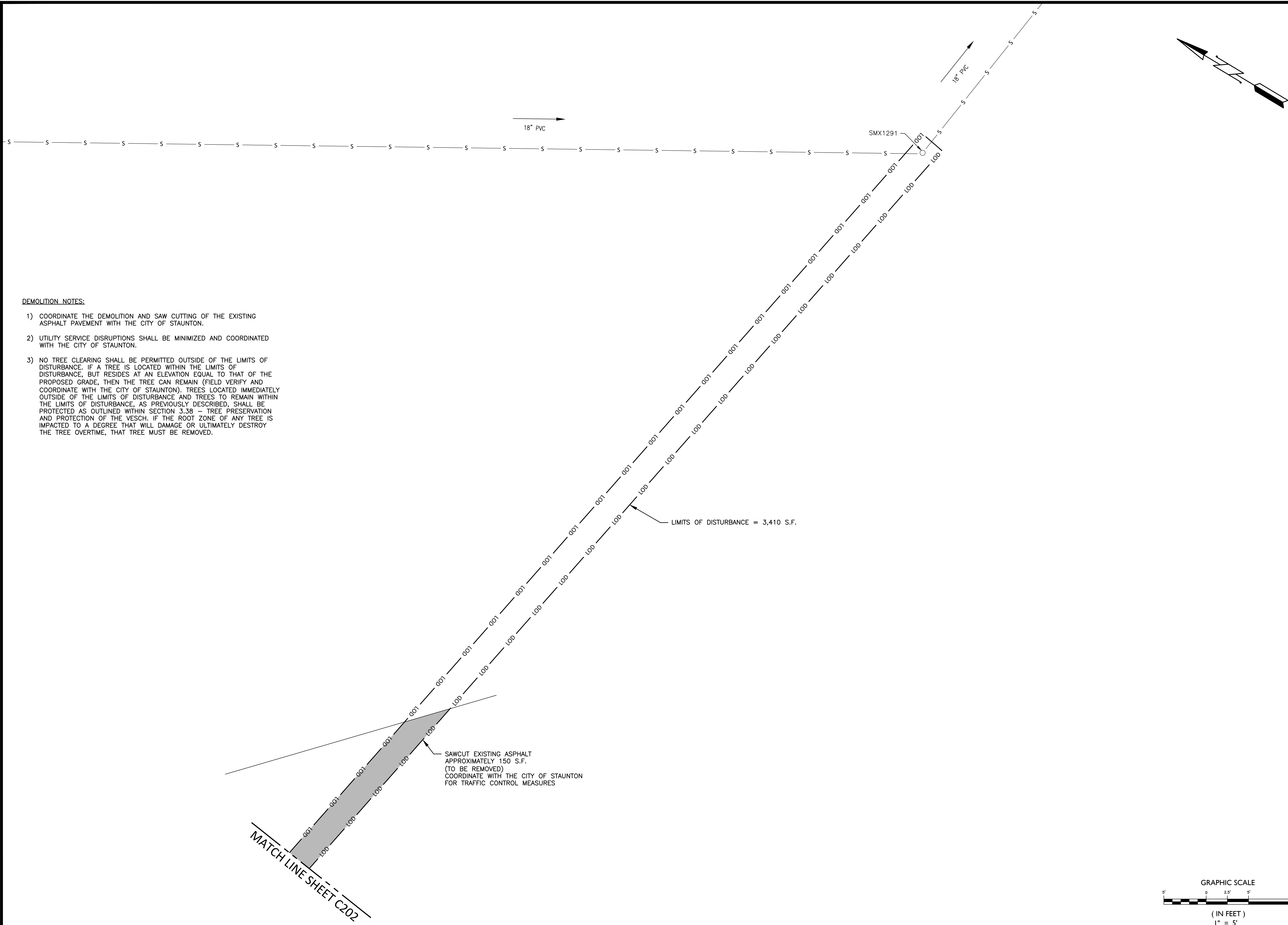
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THOMPSON
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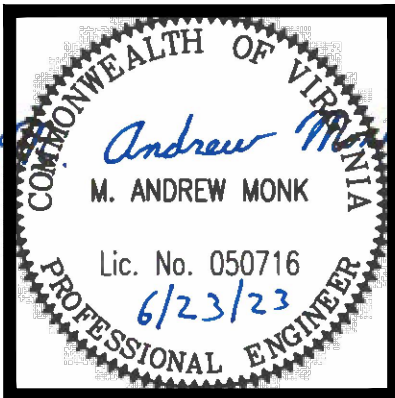
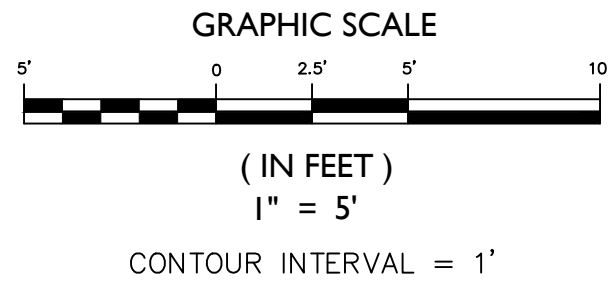
Sheet No.

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.

MATCH LINE SHEET C202



GYPHY HILL PARK RESTROOM IMPROVEMENTS

STAUNTON, VIRGINIA

NORTH RESTROOM DEMOLITION PLAN CONT'D.

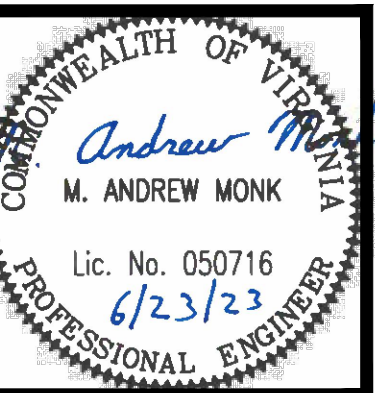
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Sheet No.
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GYPSY HILL PARK RESTROOM IMPROVEMENTS

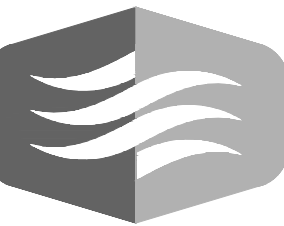
STAUNTON, VIRGINIA

NORTH RESTROOM DEMOLITION PLAN CONT'D.

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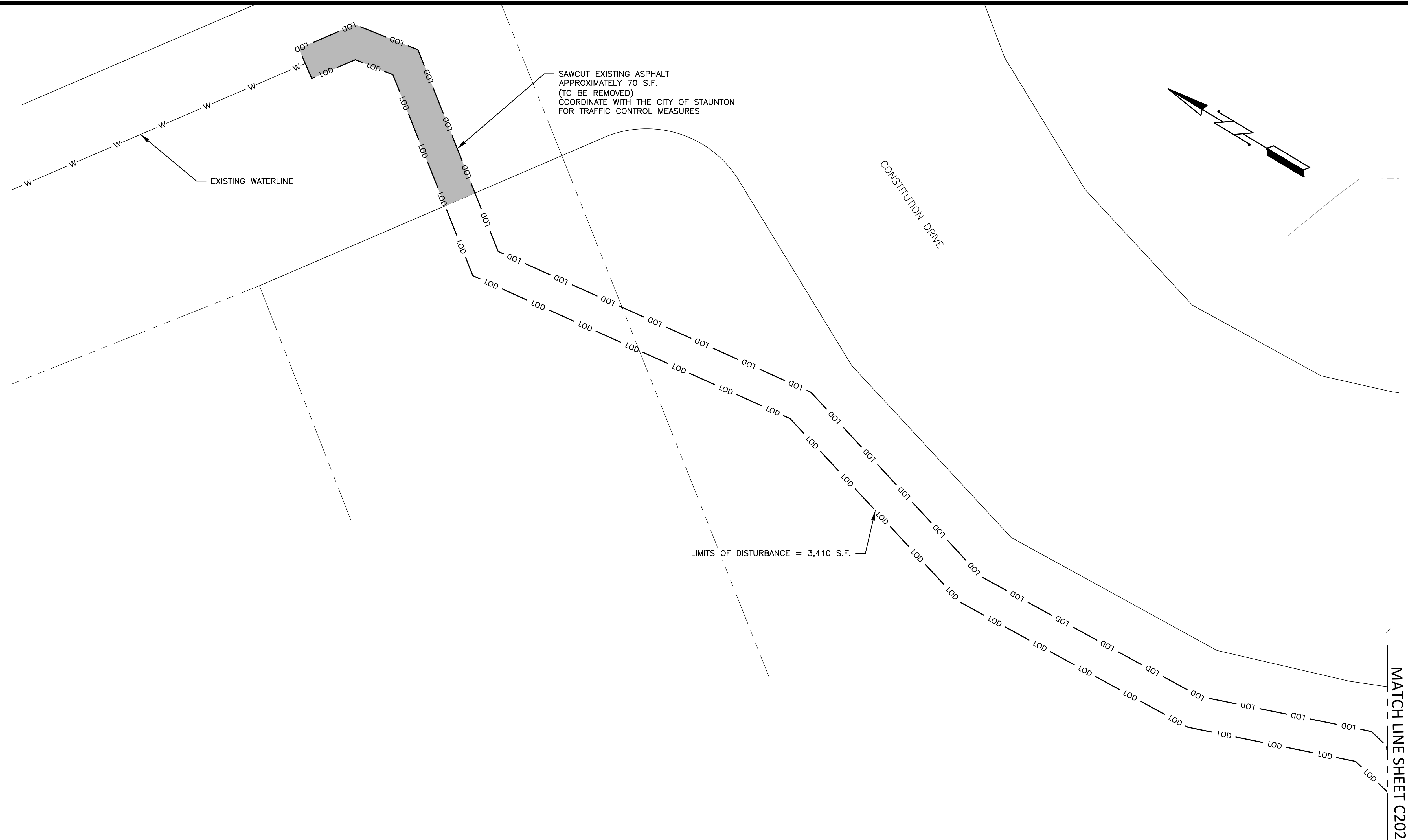
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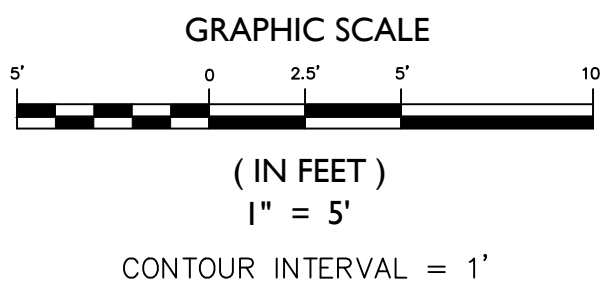
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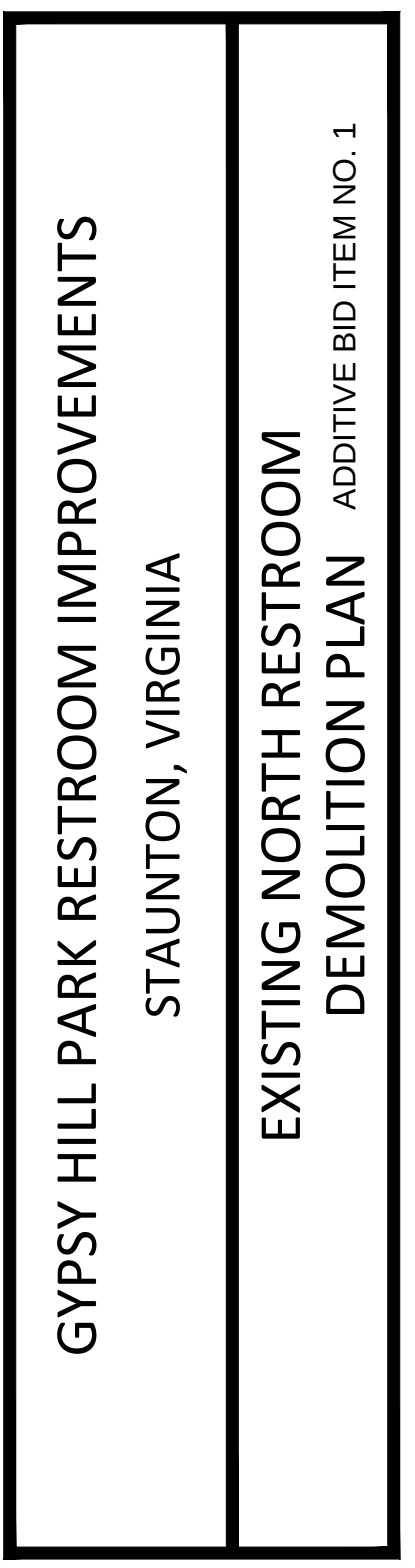
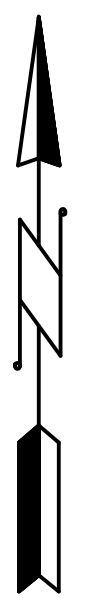


DEMOLITION NOTES:

- 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.



- 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 3.38 – 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) 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.



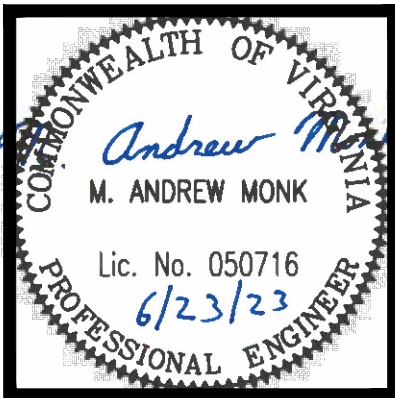
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& LITTON

Sheet No.

C203



GYPSY HILL PARK RESTROOM IMPROVEMENTS
STAUNTON, VIRGINIA
POOL RESTROOM SITE PLAN

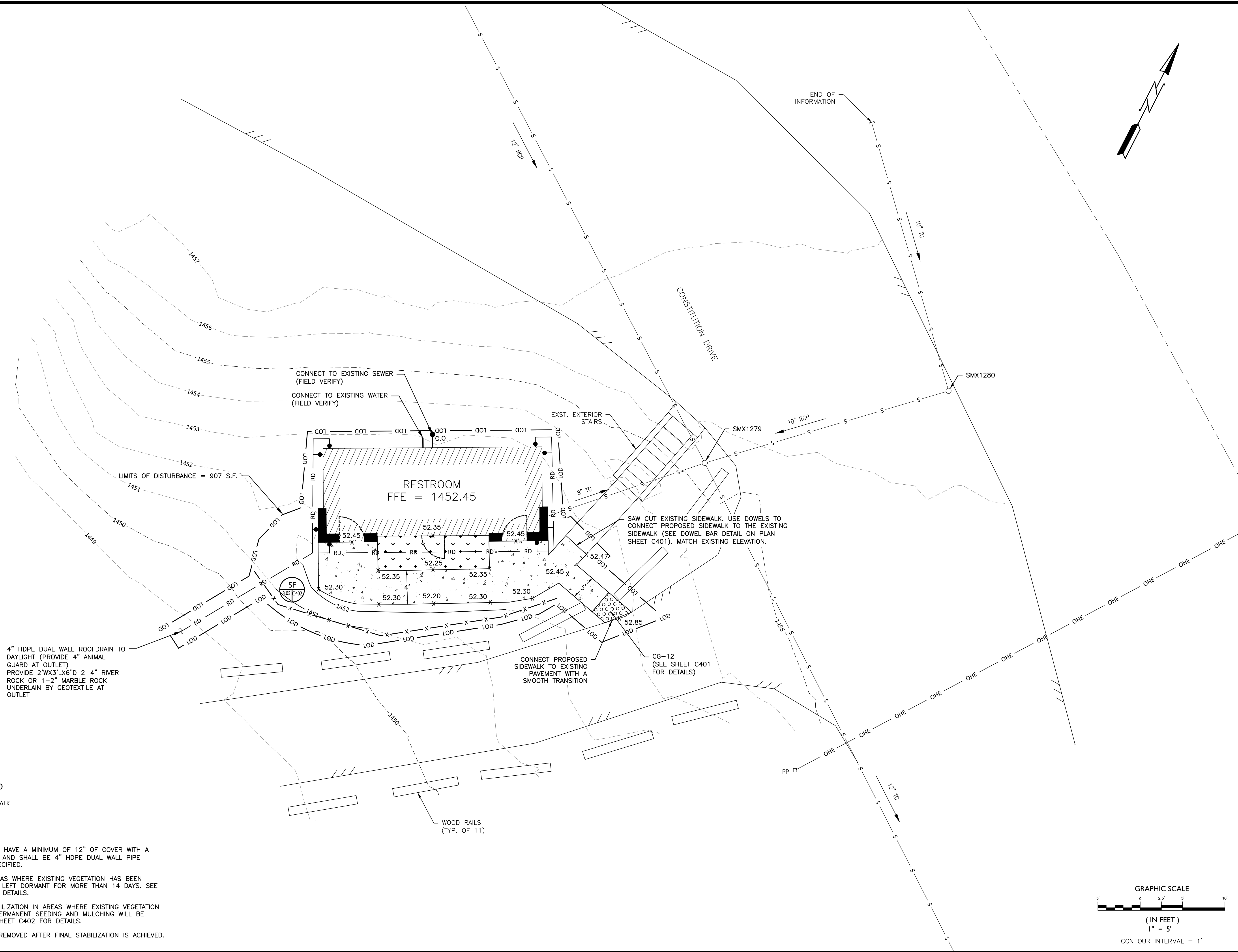
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No.	Date

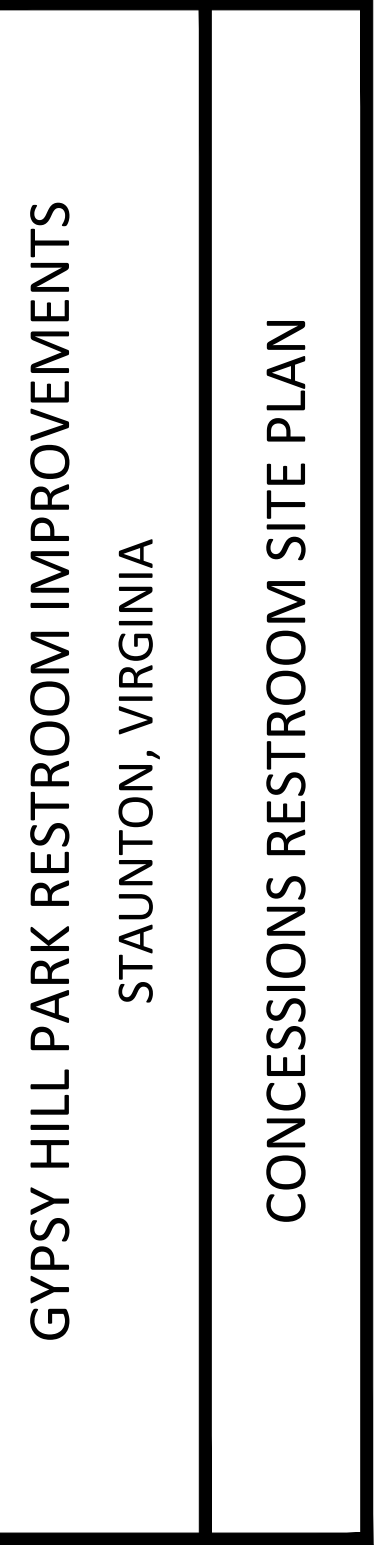
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Project No.
16472



Sheet No.
C300





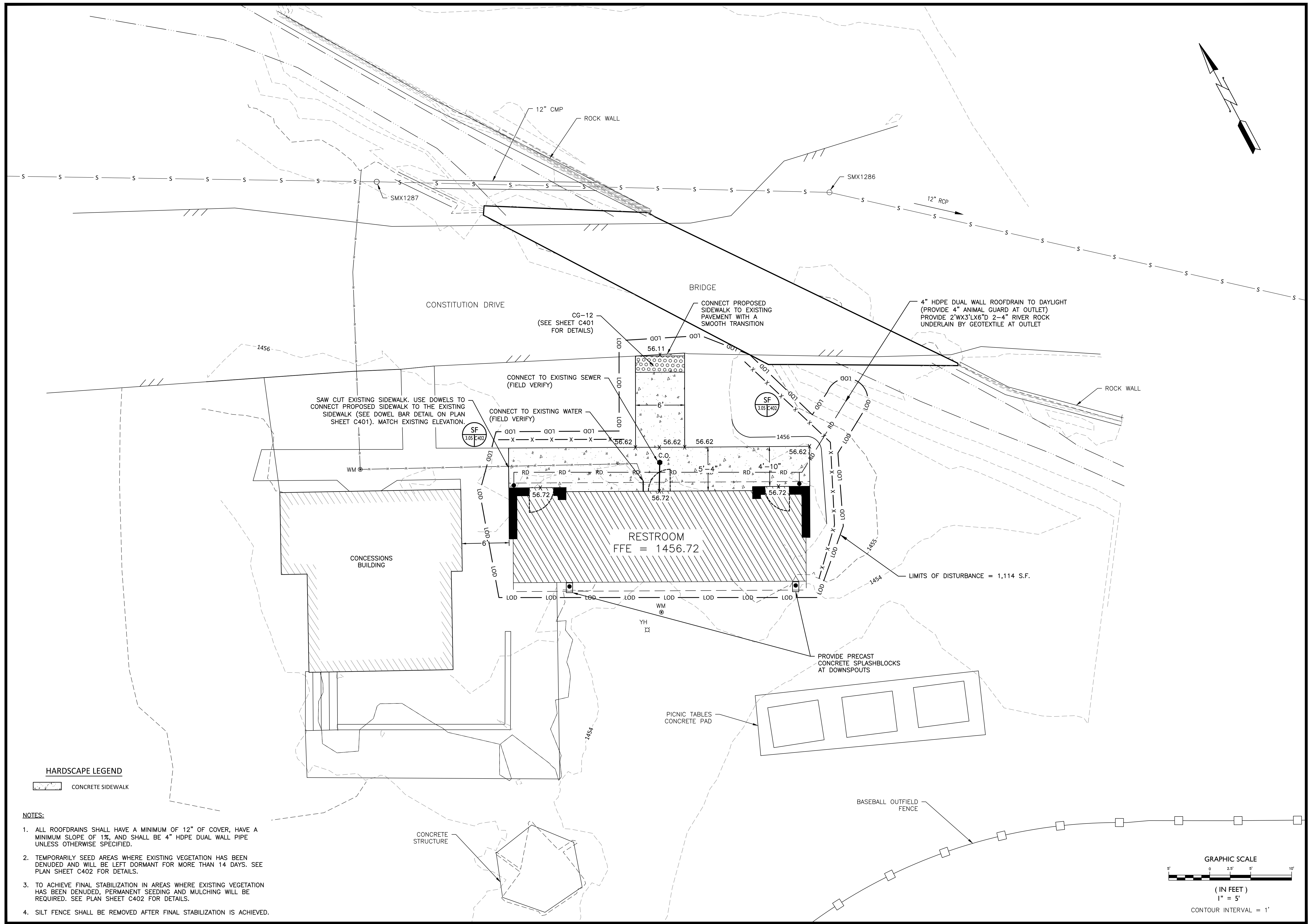
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& LITTON

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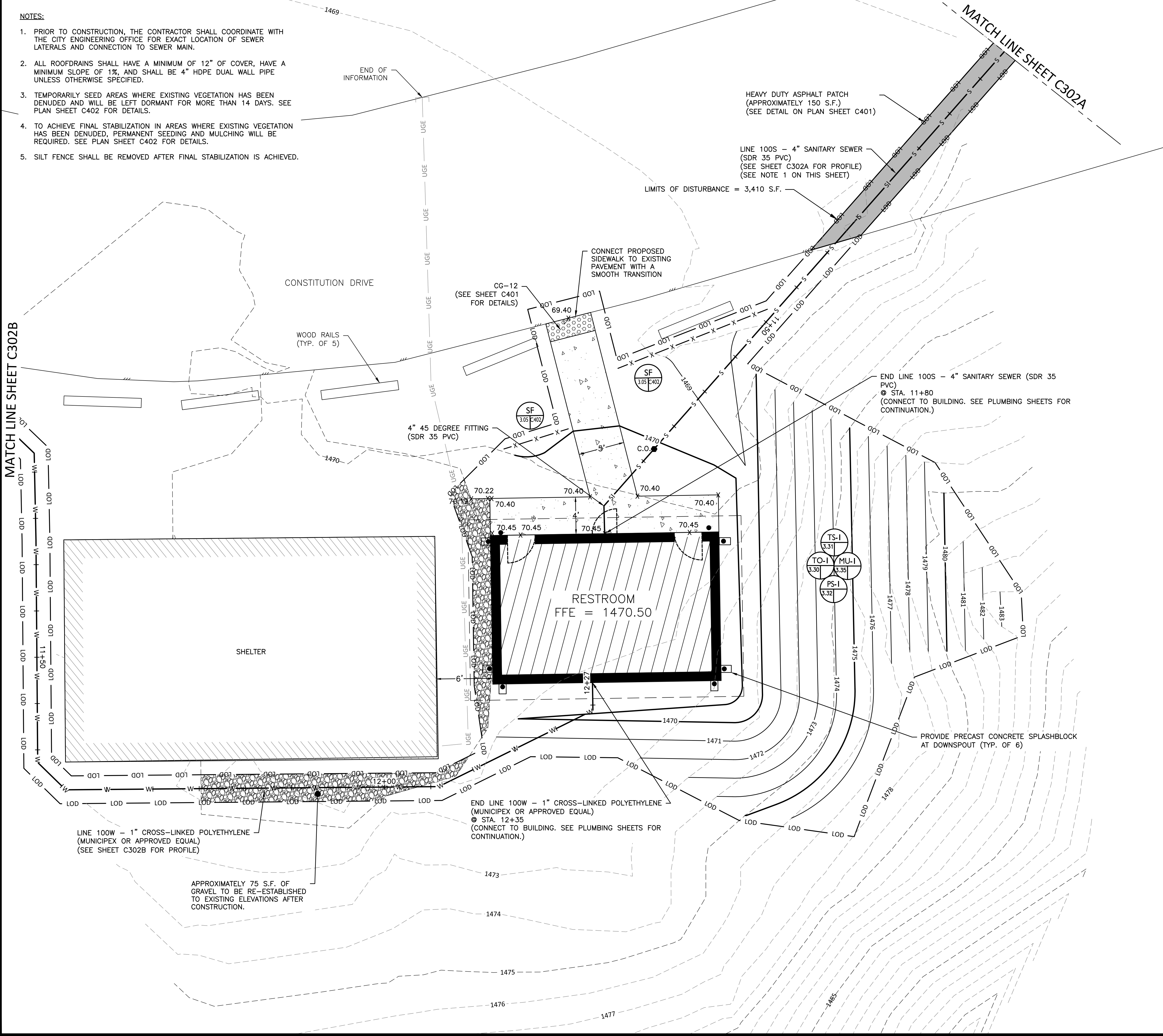
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NOTES:

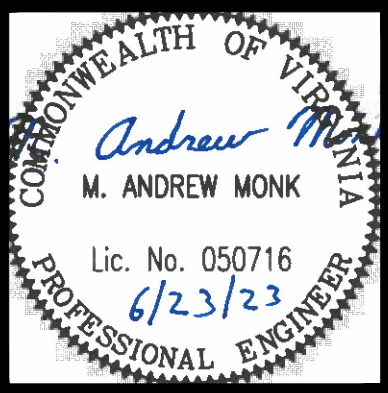
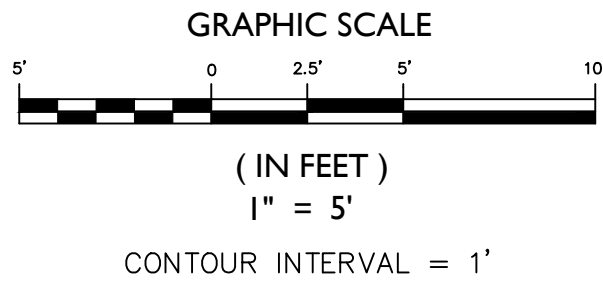
1. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL COORDINATE WITH THE CITY ENGINEERING OFFICE FOR EXACT LOCATION OF SEWER LATERALS AND CONNECTION TO SEWER MAIN.
2. ALL ROOFDRAINS SHALL HAVE A MINIMUM OF 12" OF COVER, HAVE A MINIMUM SLOPE OF 1%, AND SHALL BE 4" HDPE DUAL WALL PIPE UNLESS OTHERWISE SPECIFIED.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

MATCH LINE SHEET C302B



HARDSCAPE LEGEND

- CONCRETE SIDEWALK
- ASPHALT PAVEMENT
- GRAVEL AREA



GYPSY HILL PARK RESTROOM IMPROVEMENTS
STAUNTON, VIRGINIA
NORTH RESTROOM SITE PLAN

Purpose of Document Issue	
No.	Date

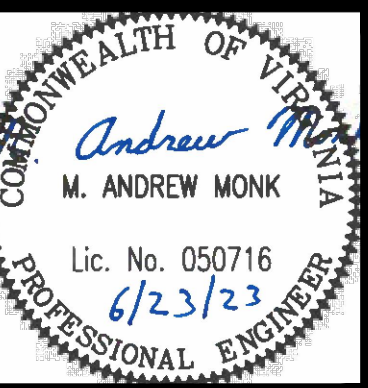
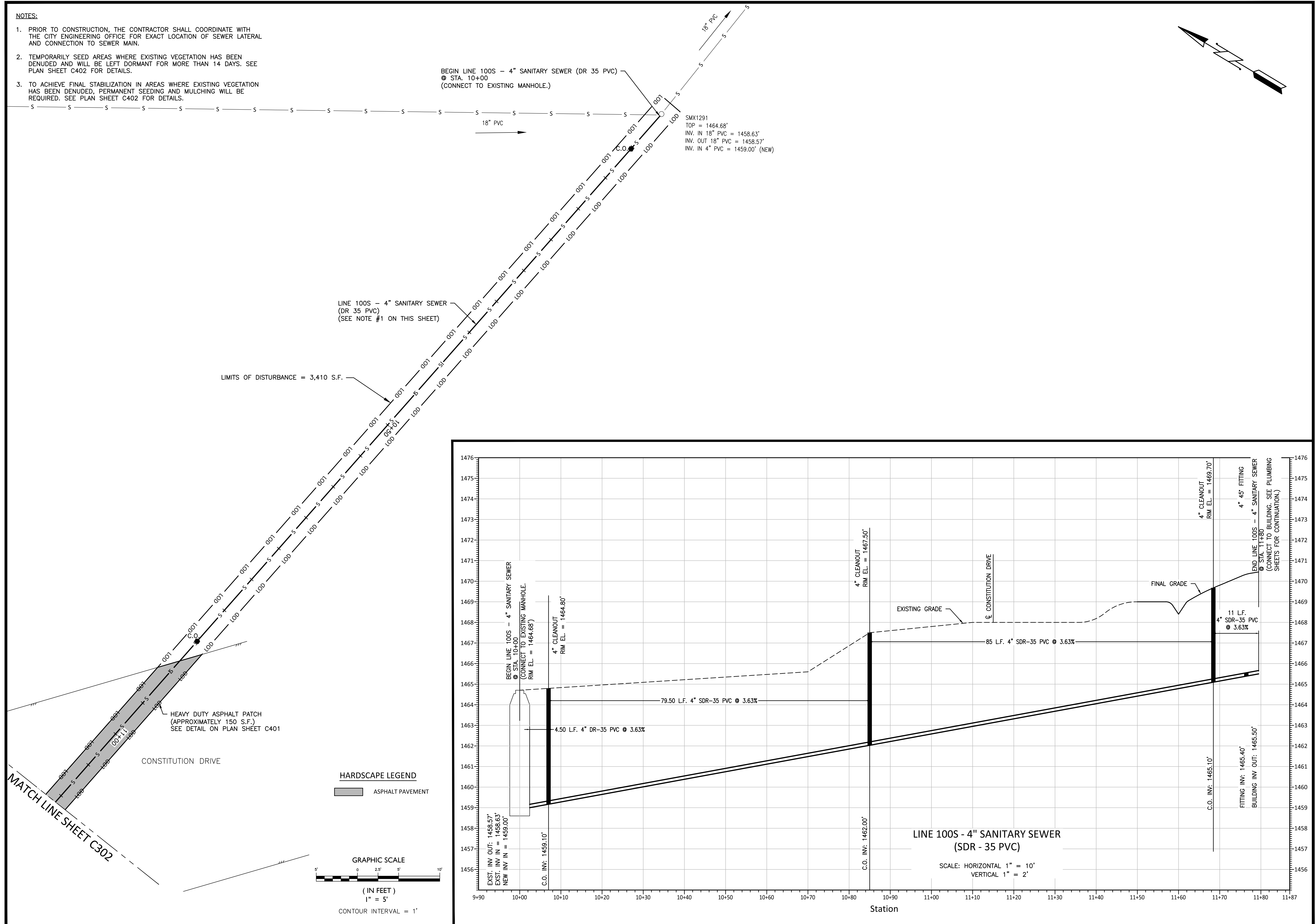
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Date	06-23-2022

Project No.	16472
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Sheet No.
C302

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.



GYPSY HILL PARK RESTROOM IMPROVEMENTS

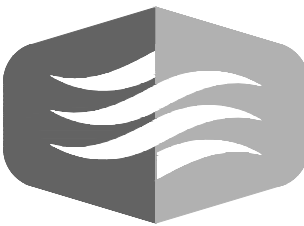
STAUNTON, VIRGINIA

NORTH RESTROOM SITE PLAN CONT'D.

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Date	06-23-2022

Project No.
16472

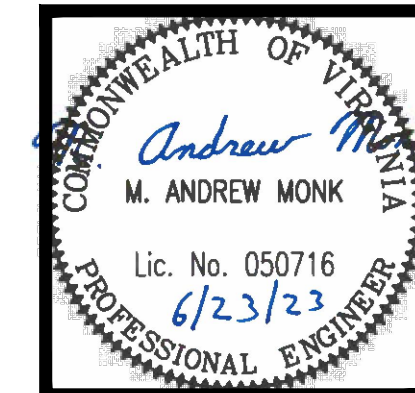


THOMPSON
& LITTON

Sheet No.

C302A

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.



GYPSY HILL PARK RESTROOM IMPROVEMENTS
STAUNTON, VIRGINIA

NORTH RESTROOM SITE PLAN CONT'D.

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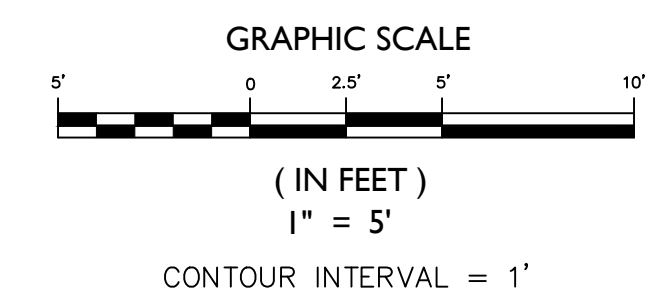
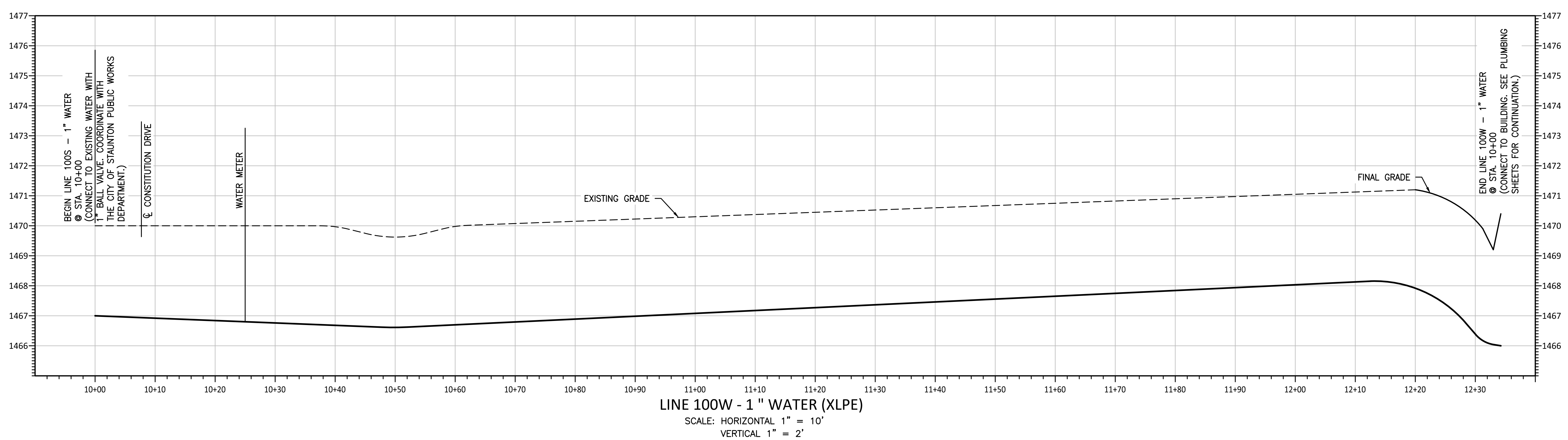
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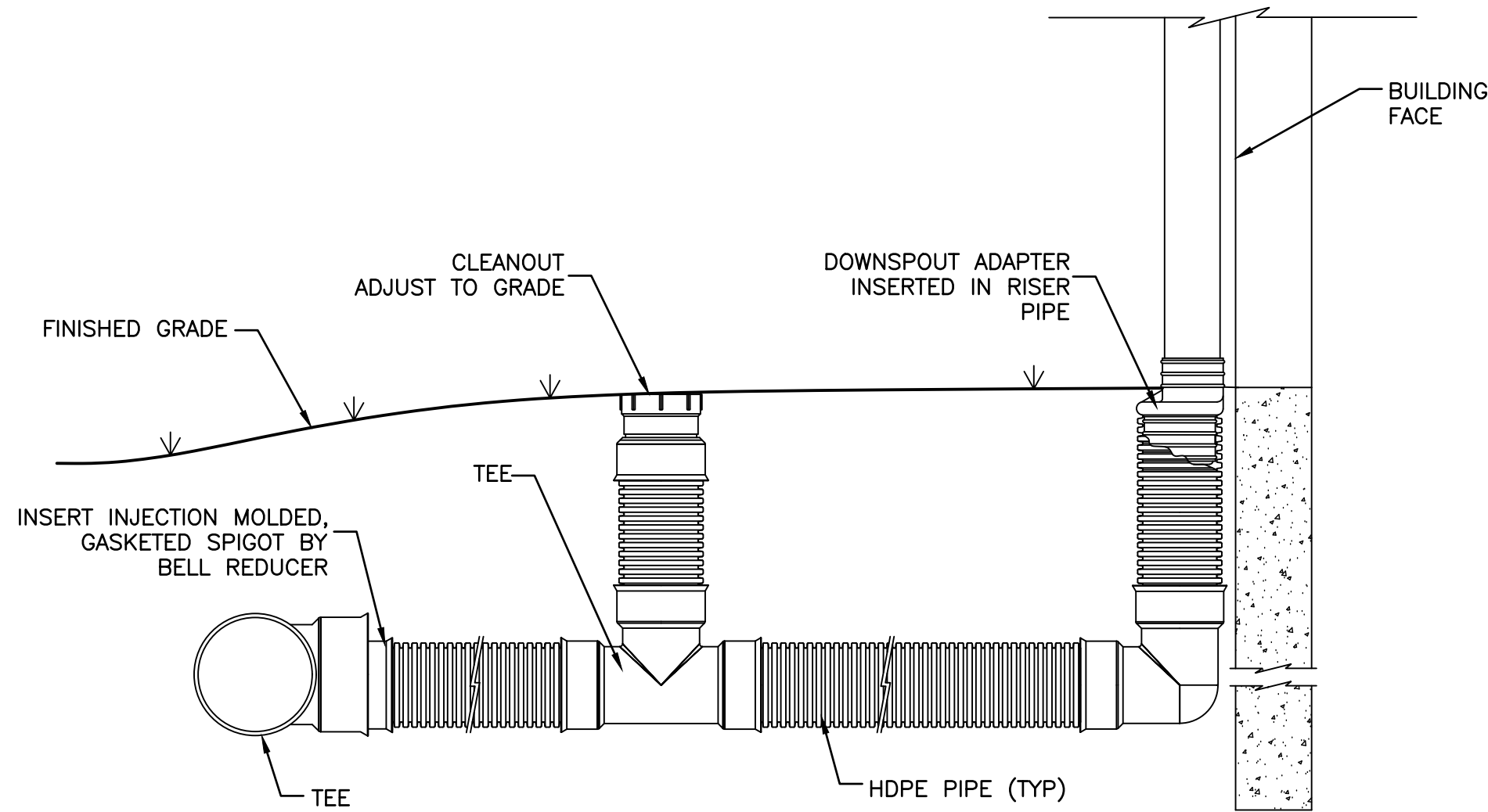
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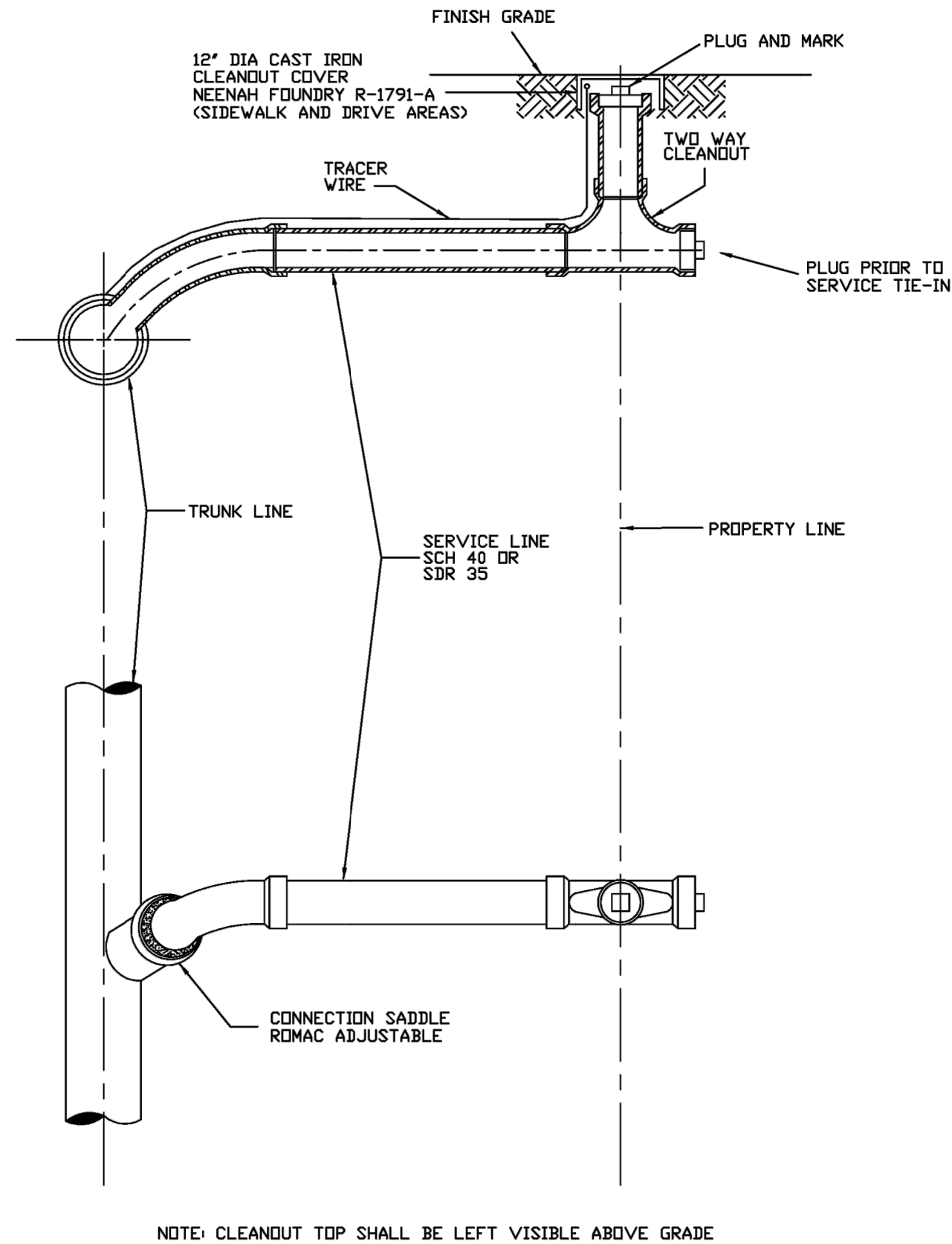
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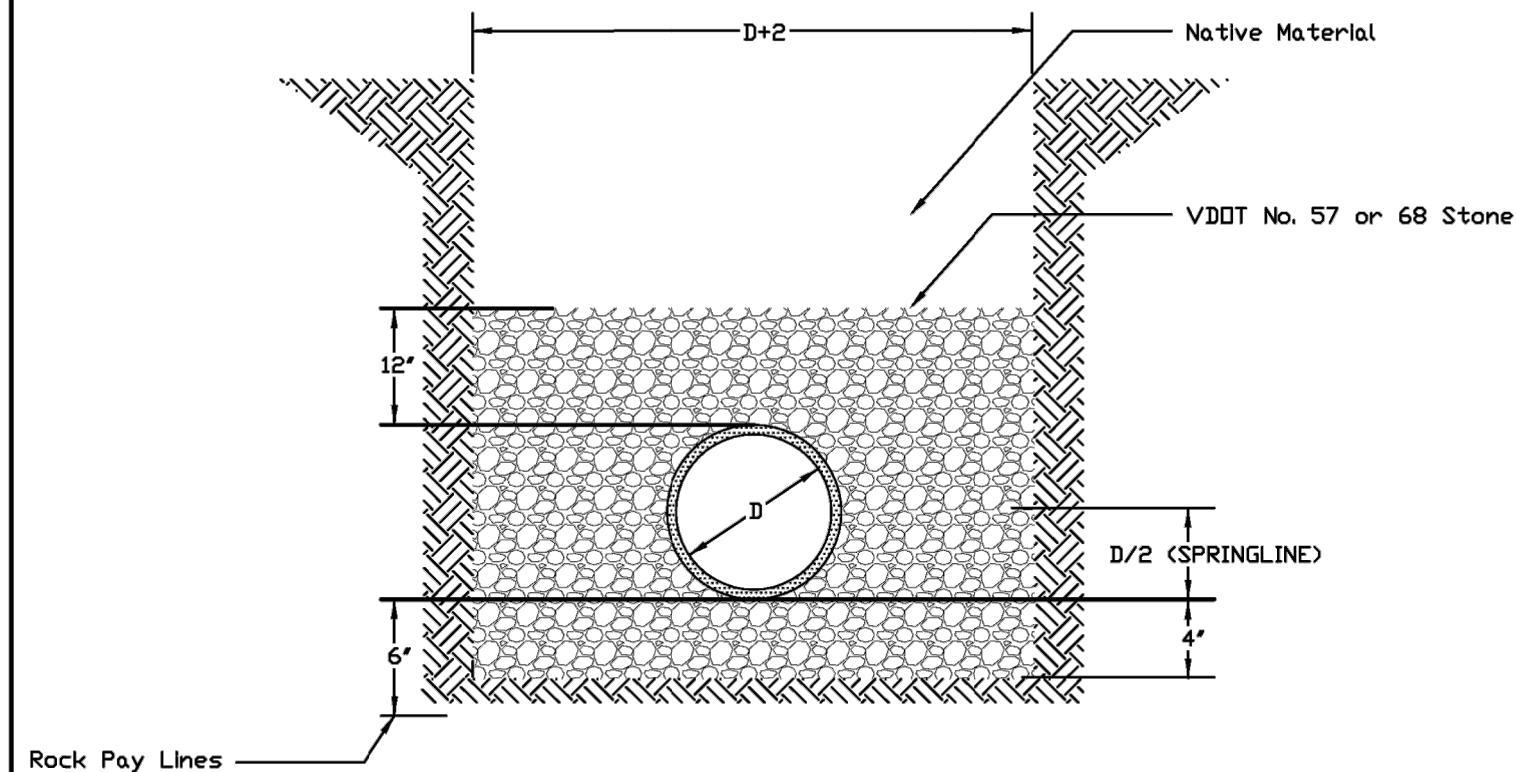


TYPICAL DETAIL - ROOF DRAIN WITH CLEANOUT
NOT TO SCALE



CITY OF STAUNTON, VA
SEWER SERVICE CONNECTION

Draw No.
S-7



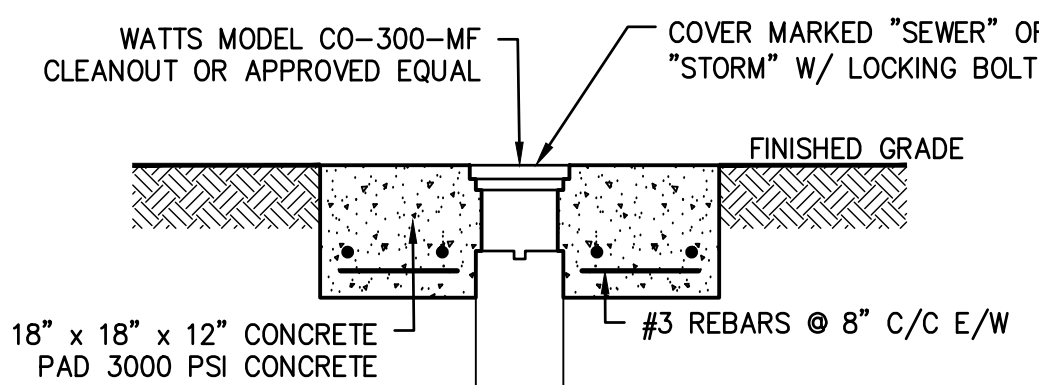
BACKFILL SHALL BE PLACED IN 6" LAYERS FROM THE BOTTOM OF THE TRENCH TO A POINT AT LEAST 6" ABOVE THE PIPE AND THOROUGHLY TAMPED BY HAND OR PNEUMATIC TAMPER, HOWEVER DO NOT TAMP DIRECTLY OVER THE PIPE.

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

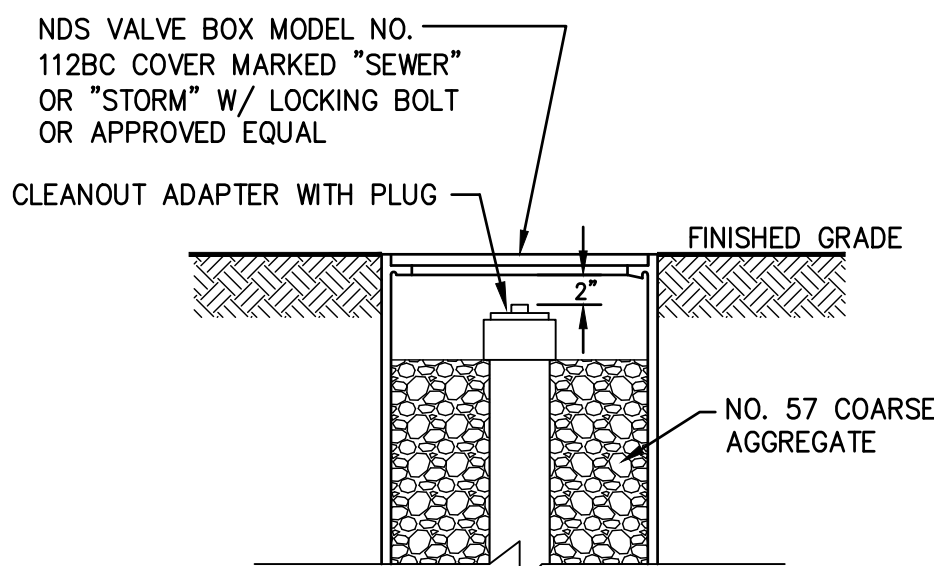
REINFORCED CONCRETE AND DUCTILE IRON PIPE SHALL BE BACKFILLED W/57 OR 68 TO SPRINGLINE ONLY

CITY OF STAUNTON, VA
SEWER PIPE INSTALLATION

Draw No.
S-8

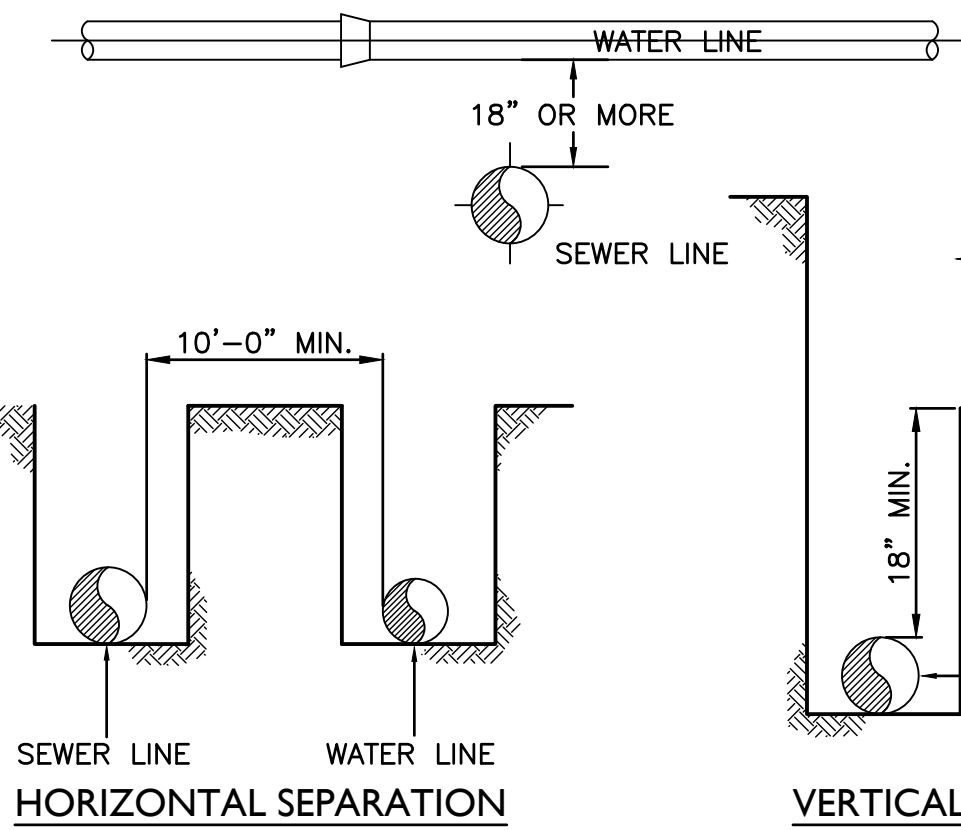
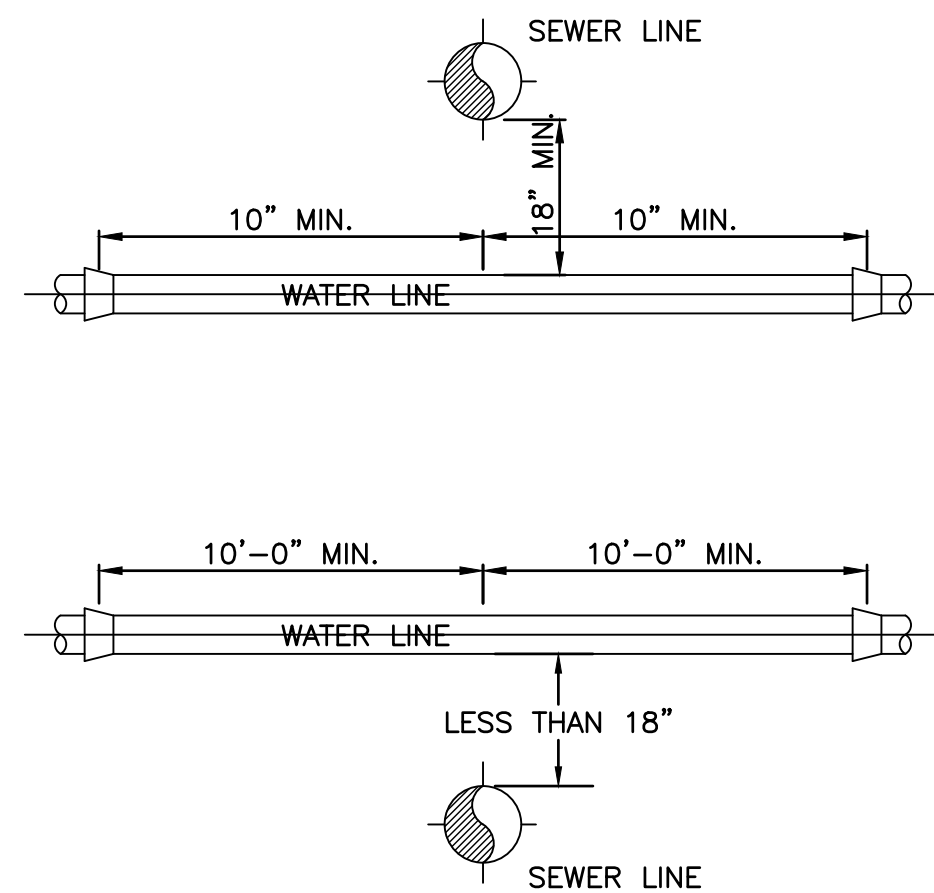


TRAFFIC AREAS

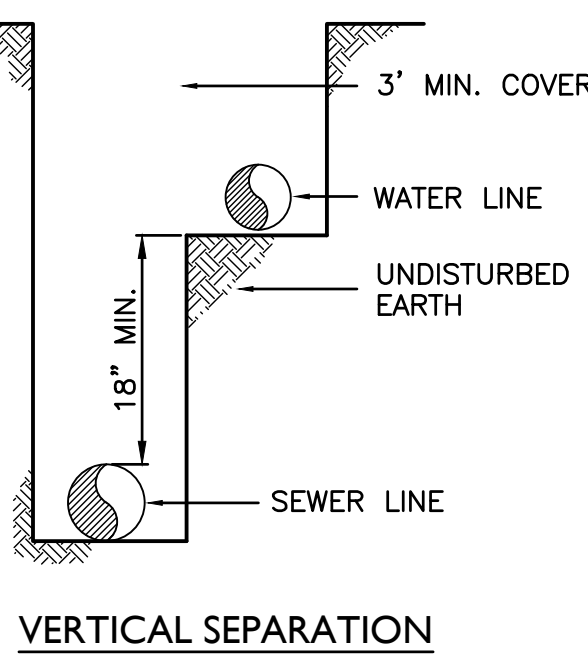


NON-TRAFFIC AREAS

DETAILS OF CLEANOUTS (ON-SITE)
NOT TO SCALE



WATER & SEWER SEPARATION
NOT TO SCALE



VERTICAL SEPARATION

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.

FOR FUTURE CONNECTION BY OTHERS, STUB OUT SERVICE LINE "PITTAIL" WITH CAP OR PLUG, IN LIEU OF CONNECTION

PRIVATE PROPERTY (CUSTOMER RESPONSIBILITY)

FINISHED GROUND

METER PROVIDED BY THE CITY

COURSES OF BRICK AS REQUIRED TO ACHIEVE DEPTH

CHECK VALVE

CONNECT TO PRIVATE SERVICE LINE W/COMPRESSION COUPLING

CUSTOMER SERVICE LINE BY OTHERS

SERVICE LINE 18" MIN. LENGTH (PAID FOR PER LINEAR FOOT)

4" DIA. DRAIN PIPE, 12" LONG IN STONE POCKET, NOTCH TOP TO PROVIDE SUPPORT FOR YOKE.

6"

18" - 22"

EXPANSION WHEEL

CAST IRON METER YOKE

BALL ANGLE VALVE

TRACER WIRE, SEE NOTE 3

SERVICE LINE

BALL CORPORATION STOP WITH COMPRESSION FITTING.

VDOT SPEC. 203, NO. 57 AGGREGATE

PARTS SCHEDULE - WATER SERVICE LINE

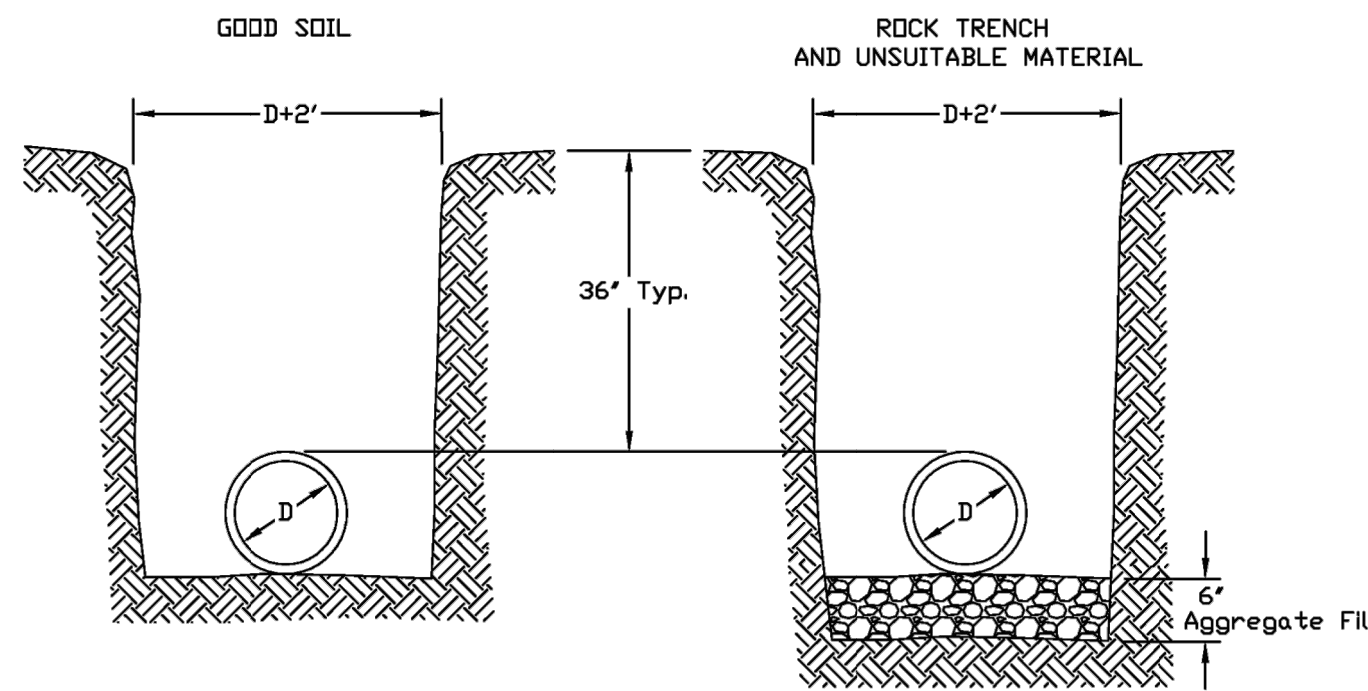
PART DESCRIPTION	MANUFACTURER	MODEL# for METER SIZE INDICATED		
		5/8"	3/4"	1"
CORP STOP	FORD	FB1001-3-G-NL		FB1001-4-G-NL
	MUELLER	B-25009N 3/4"		B-25009N 1"
	A.Y. McDONALD	74701B-3Q 3/4"		74701B-3Q 1"
BALL ANGLE VALVE	FORD	BA94-313W-G-NL	BA94-323W-G-NL	BA94-444W-G-NL
	MUELLER	B-24273-N 5/8"	B-24273-N 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		C44-44-4-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		
	MUELLER	H-15354N		
	A.Y. McDONALD	708YSQ2 1x3/4"		
METER BOX	CAPITAL FOUNDRY OF VA	MBX3130		
	DFW	N/A		
			1324C-18MAFDEEP	

CITY OF STAUNTON, VIRGINIA

TYPICAL NEW WATER SERVICE CONNECTION & METER ASSEMBLY UP TO 1"

DRAWING NUMBER
W-1

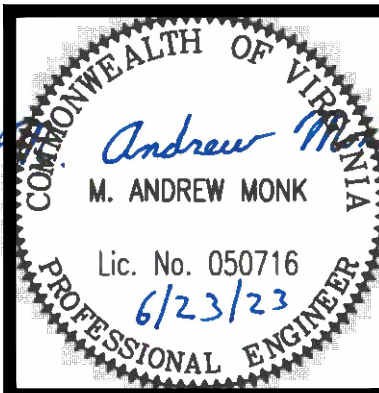
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NOTE:
1. ALL BEDDING SHALL BE CONTINUOUS AND UNIFORM
2. EXCAVATION IS REQUIRED TO ENSURE THERE IS NO ROCK WITHIN 6" OF THE BOTTOM OF THE PIPE

CITY OF STAUNTON, VA
WATER PIPE INSTALLATION

Draw No.
W-12



GYPSY HILL PARK RESTROOM IMPROVEMENTS
STAUNTON, VIRGINIA
STANDARD WATER, SEWER, & STORM DETAILS

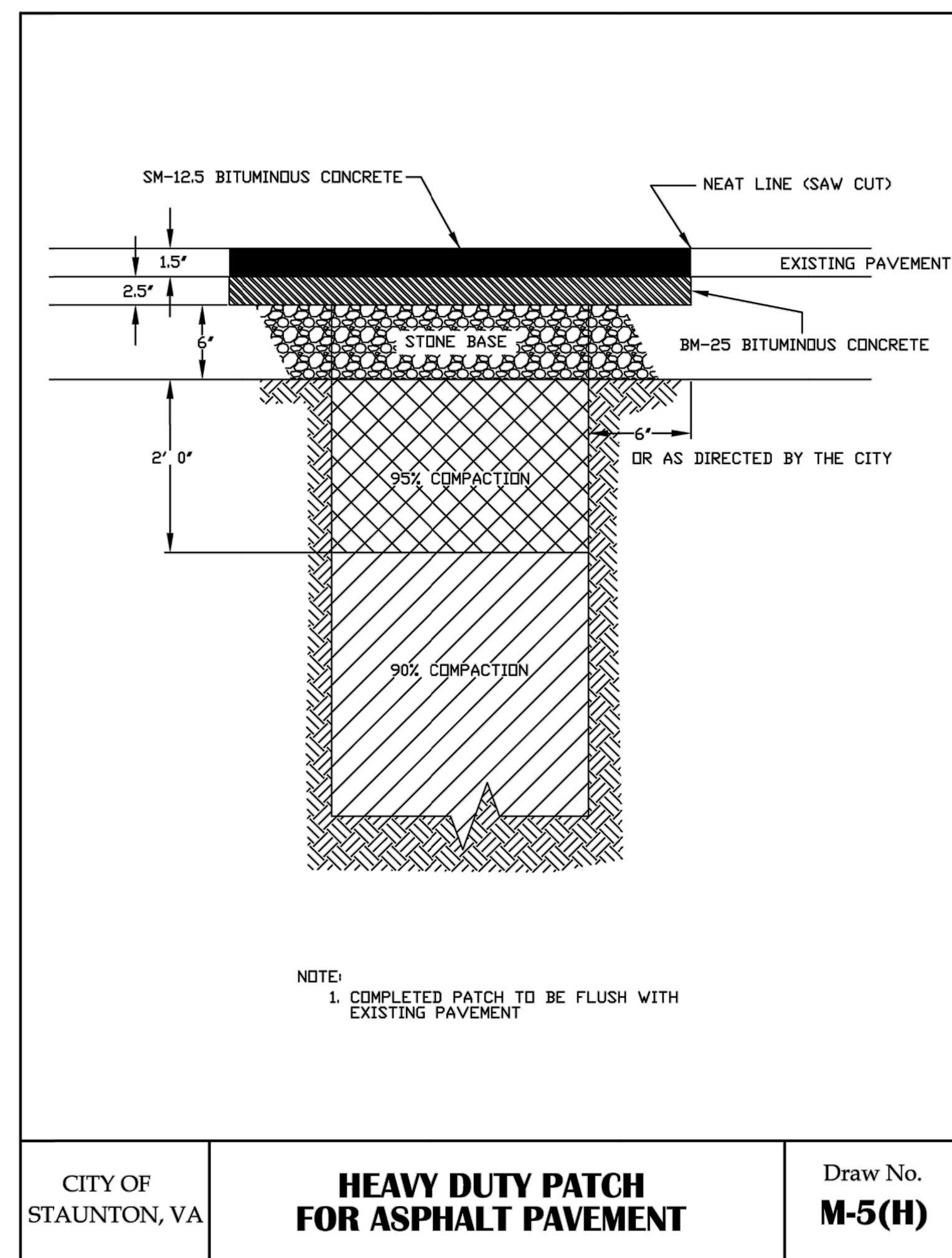
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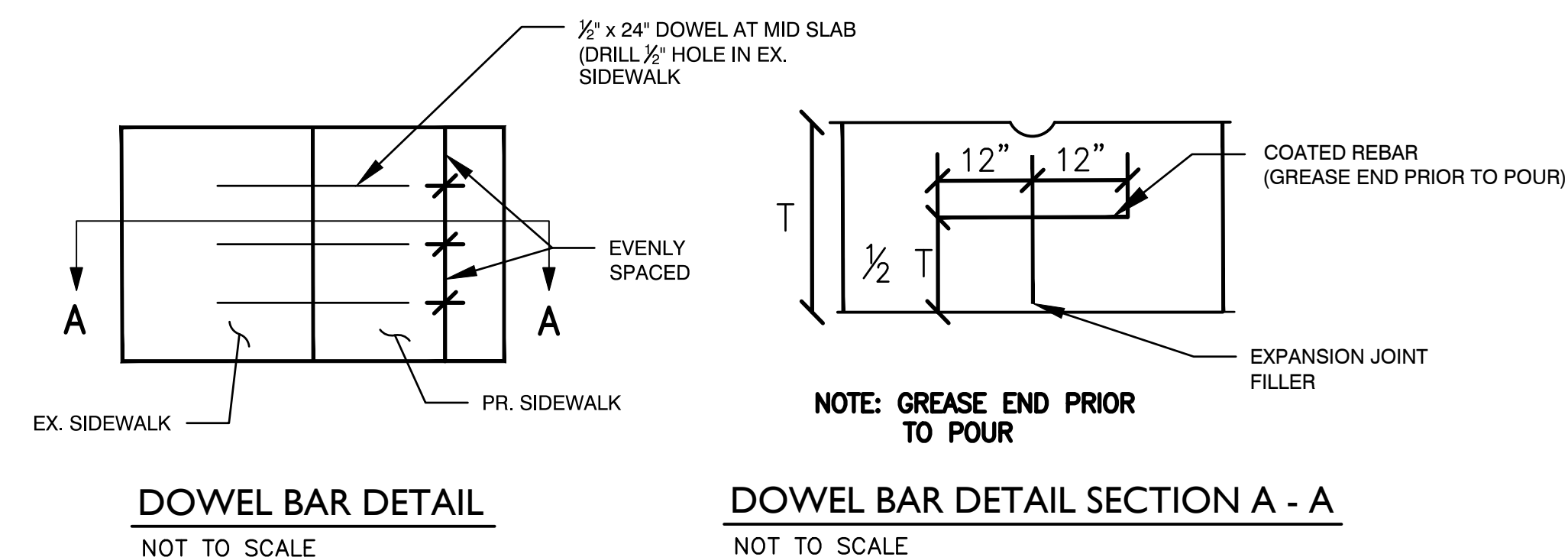
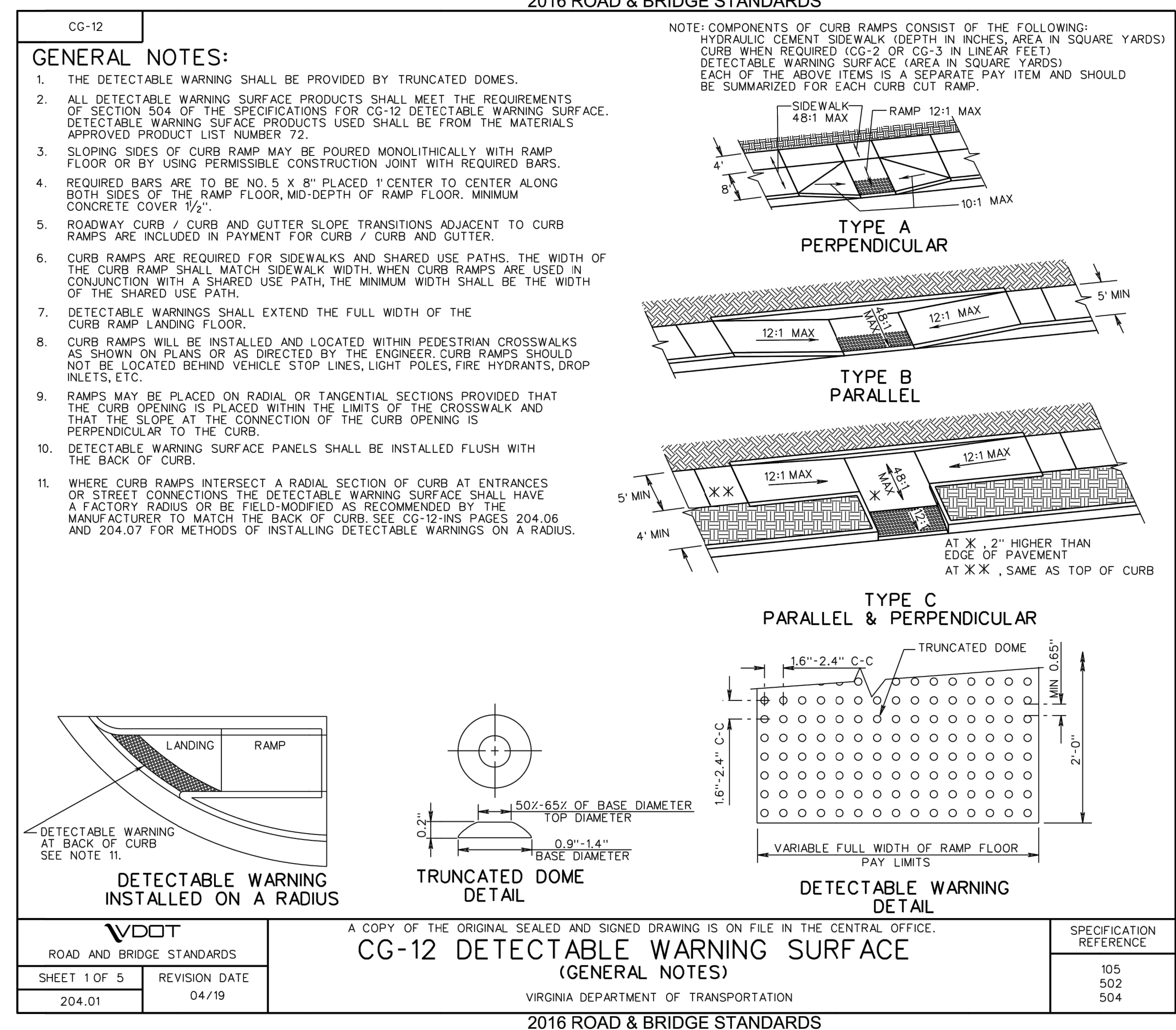
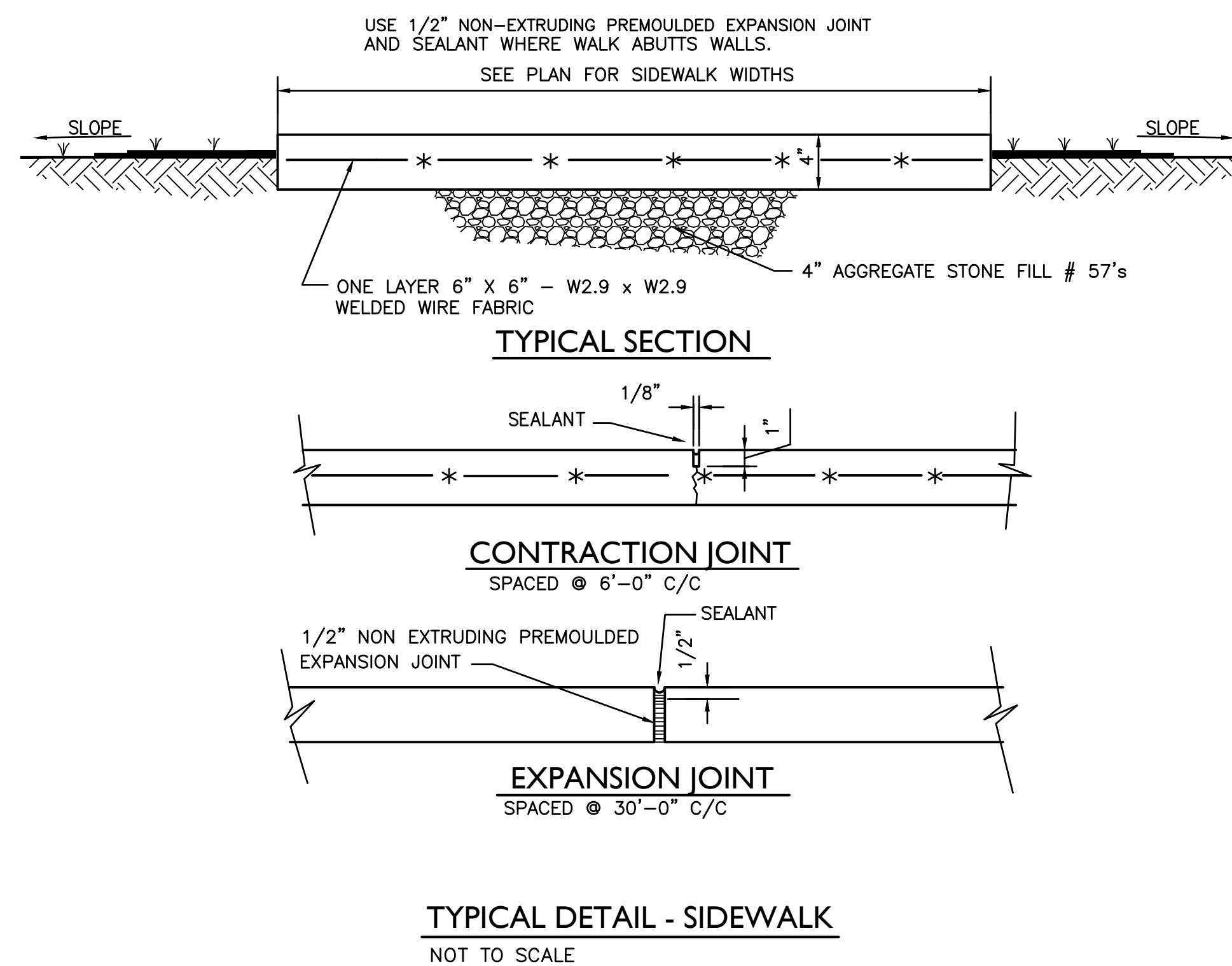
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16472



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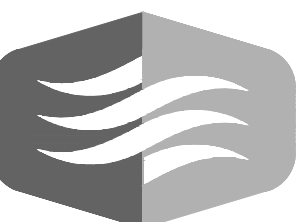


NOTE: COMPACTED 21A'S REQUIRED AT FULL TRENCH DEPTH UNDER PAVEMENT.

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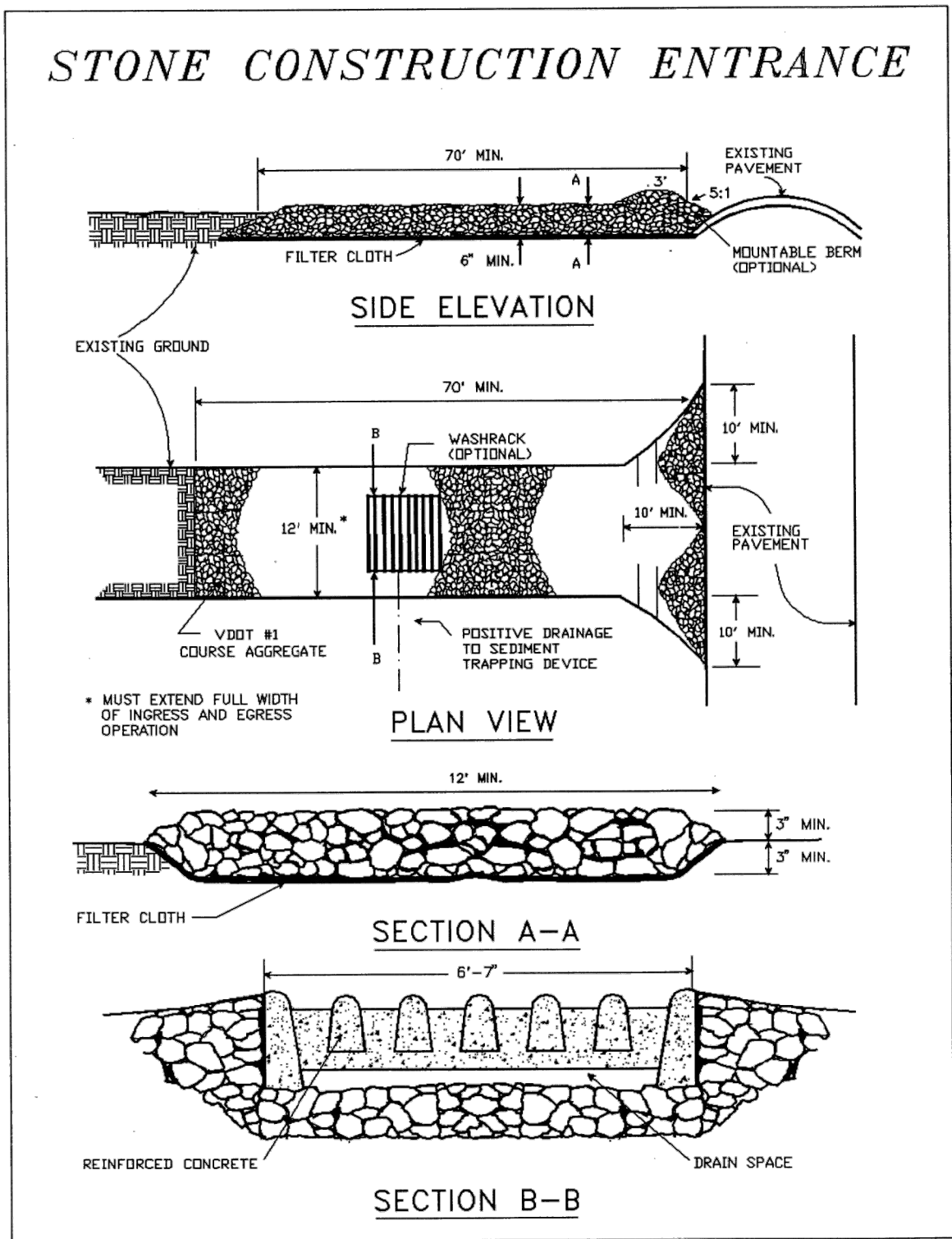
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Sheet No.

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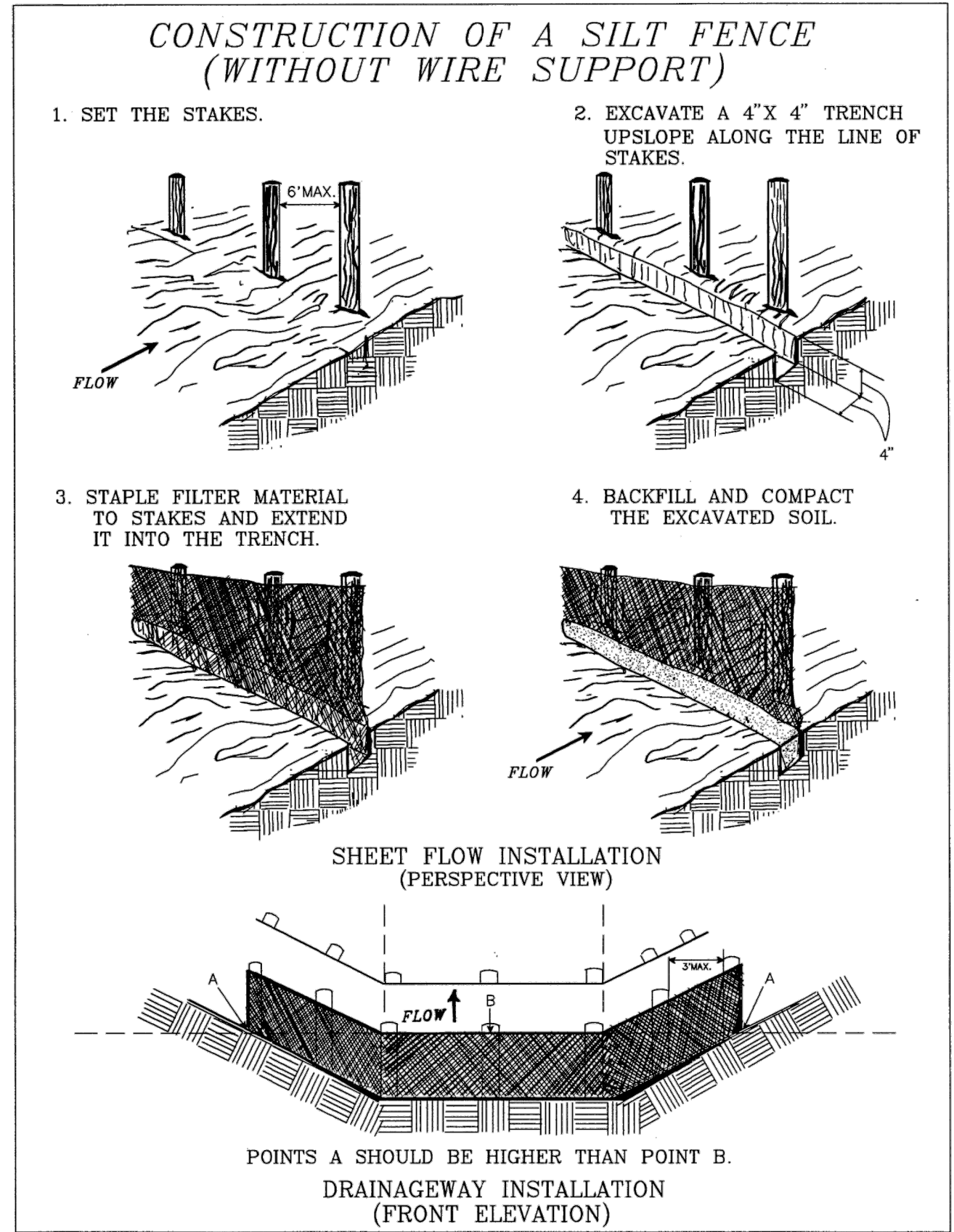
Source: Adapted from 1983 Maryland Standards for Soil Erosion and Sediment Control, and Va. DSWC

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.

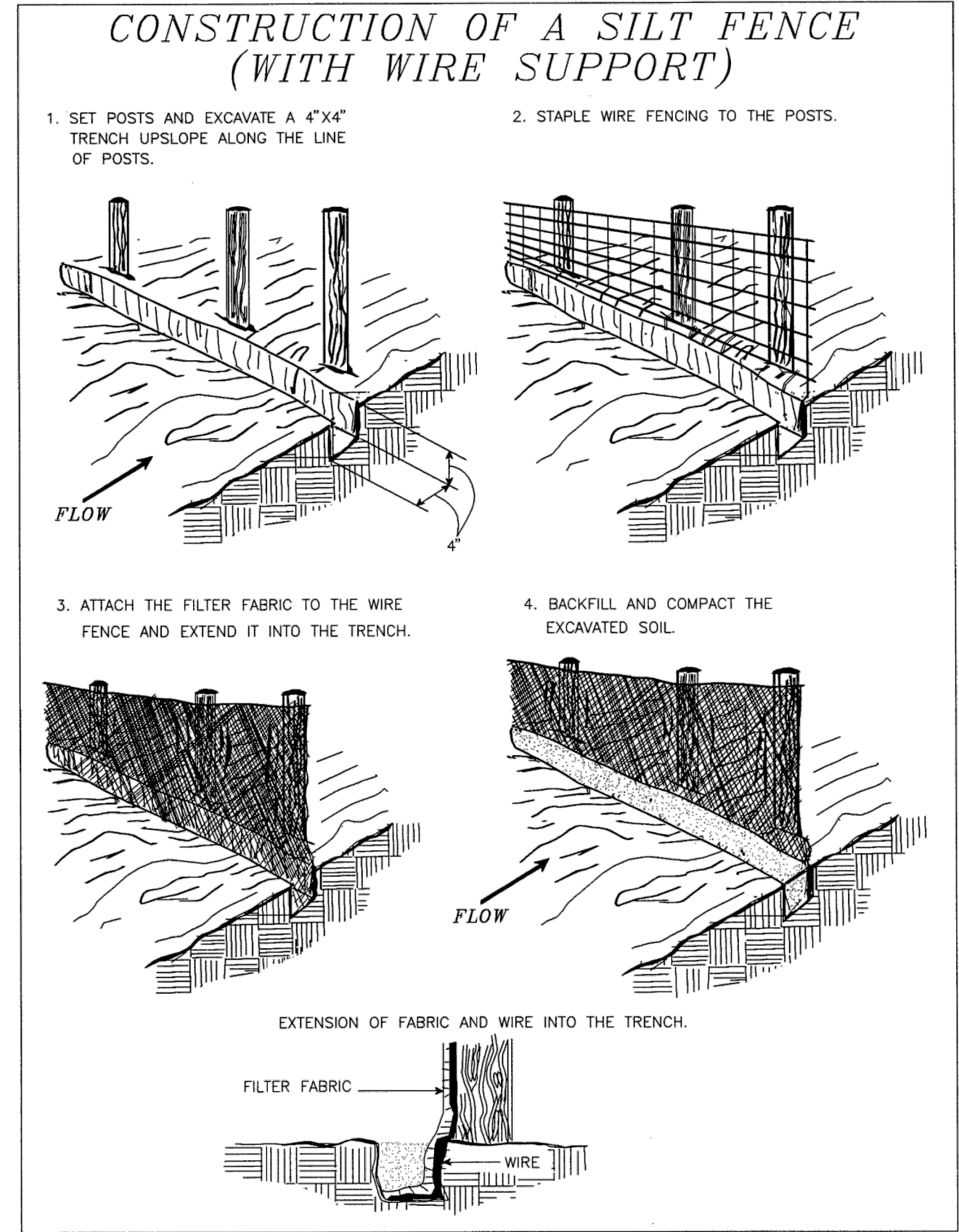
Table 3.11.2 Nurse crops			
PLANT NAMES		PLANTING DATES	APPLICATION RATE LBS/ACRE
COMMON	SCIENTIFIC		
Annual Ryegrass	<i>Lolium multiflorum</i>	2/16 – 5/15 8/1 – 11/1	25
Field Bromegrass	<i>Bromus ciliatus</i>	3/1 – 6/15 8/1 – 9/15	20
Spring Oats	<i>Avena sativa</i>	3/1 – 6/15	50
Winter Rye	<i>Secale cereale</i>	8/15 – 2/28	85
Winter Wheat	<i>Triticum aestivum</i>	8/15 – 2/28	90
Japanese Millet	<i>Echinochloa crusgalli</i>	5/15 – 8/15	15
Redtop	<i>Agrostis alba</i>	3/1 – 6/15	10
Annual Ryegrass and Spring Oats	<i>Lolium multiflorum</i> <i>Avena sativa</i>	3/1 – 6/15	15 35
German/Foxtail Millet	<i>Setaria italica</i>	5/1 – 8/1	25
Hairy Vetch*	<i>Vicia villosa</i>	8/15 – 4/1	30

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



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

Plate 3.05-2



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

Plate 3.05-1

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

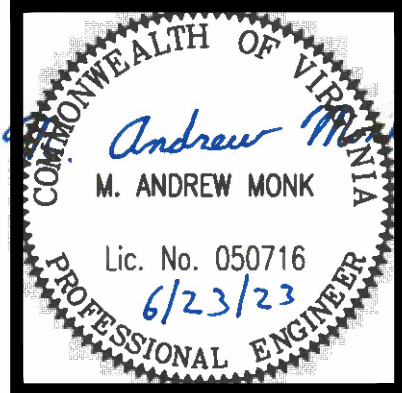
A: PERMANENT SEEDING:

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



GYPHY HILL PARK RESTROOM IMPROVEMENTS

STAUNTON, VIRGINIA

EROSION & SEDIMENT CONTROL DETAILS

Purpose of Document Issue											
No.	Date										

Designed	JWS/ACM
Drawn	JWS/ACM
Checked	MAM
Date	06-23-2022

Project No.	16472
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Sheet No.

C402

Designed	EFS
Drawn	KCF
Checked	EFS
Date	06/23/2023



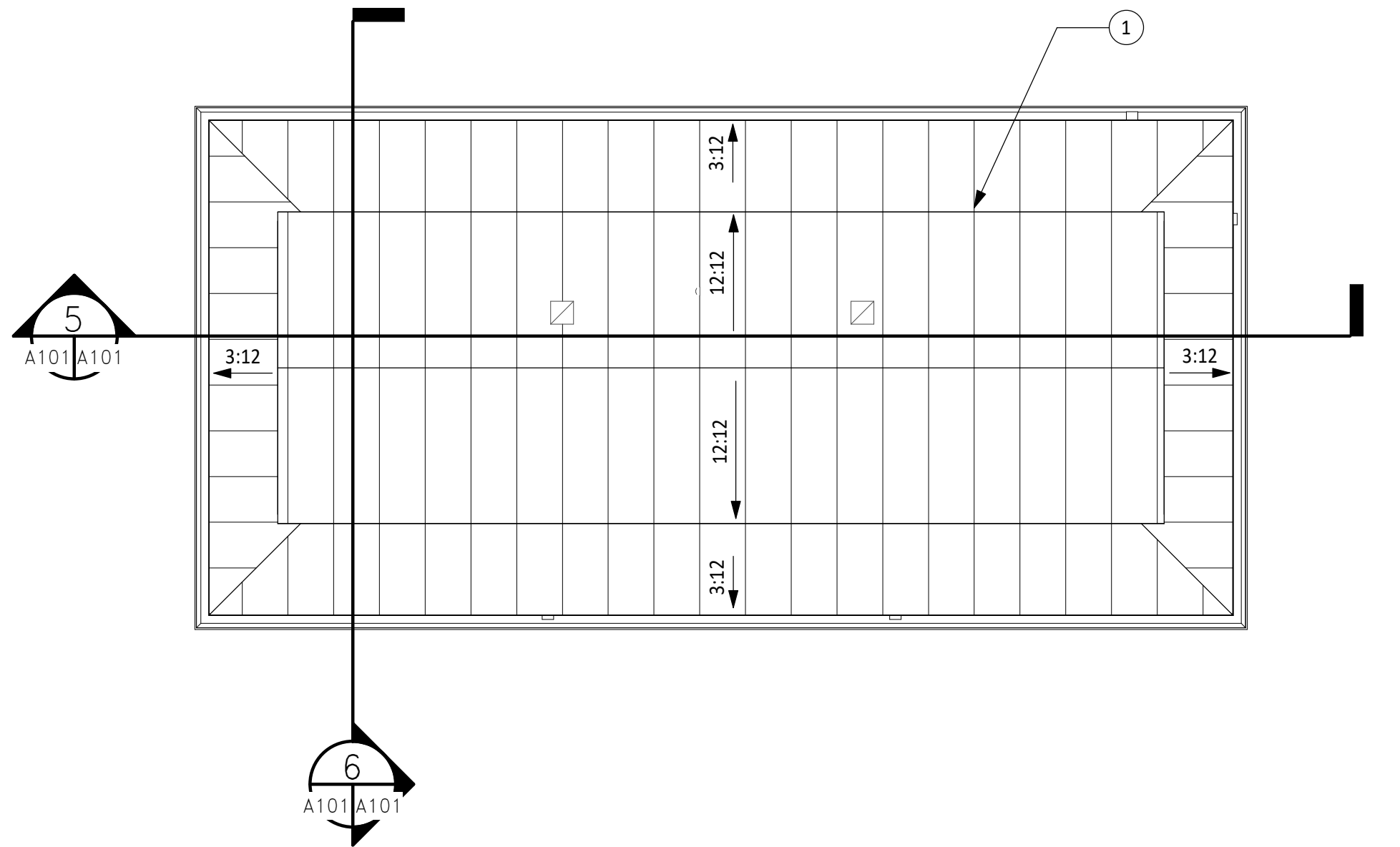
THOMPSON
& LITTON

Sheet No.

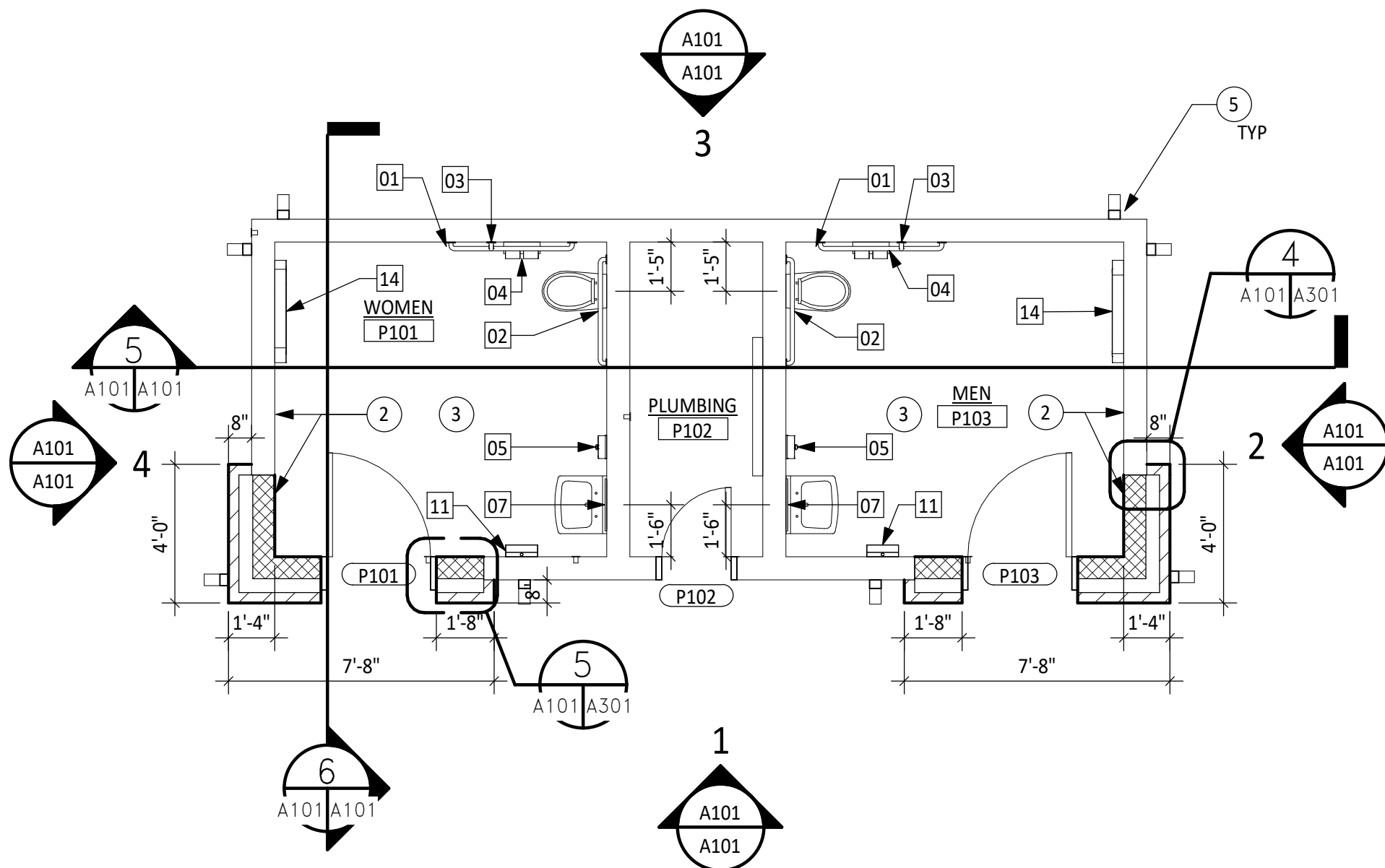
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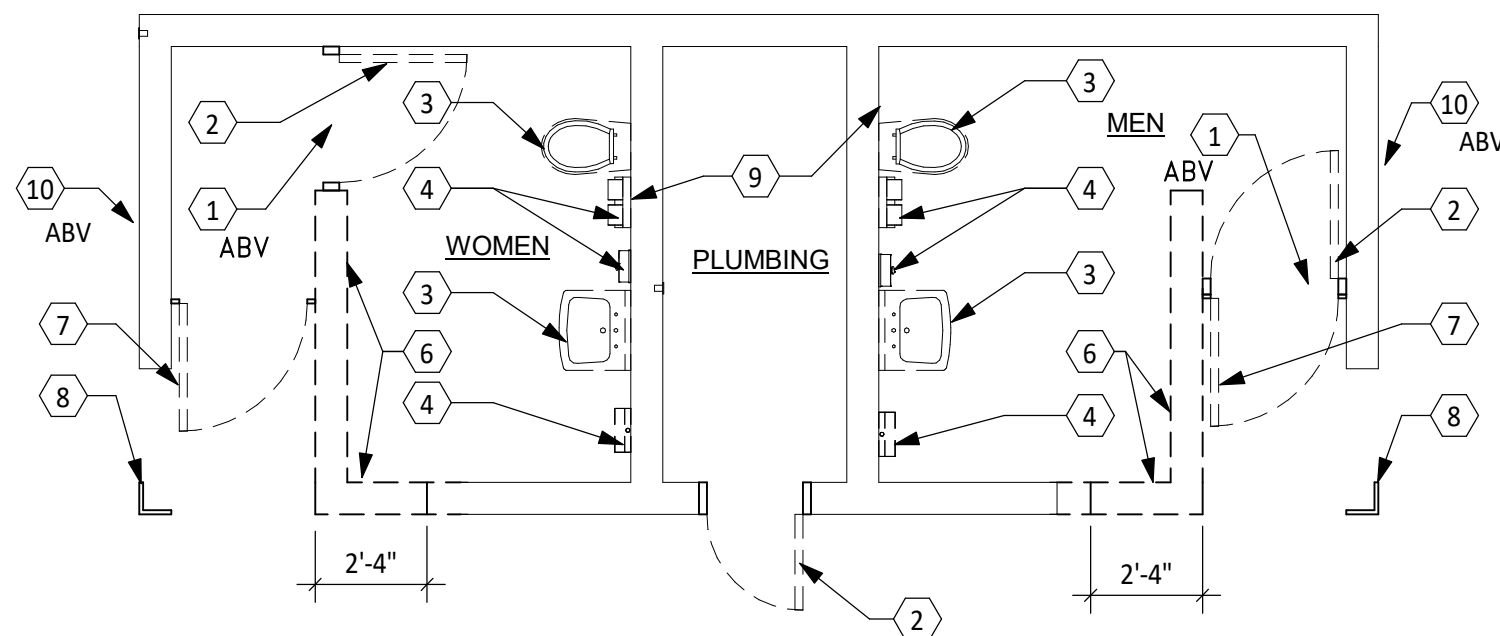
CODE INFORMATION	
2018 VIRGINIA EXISTING BUILDING CODE (VEBC)	
2018 VIRGINIA CONSTRUCTION CODE (VCC)	
2010 ADA STANDARDS FOR ACCESSIBLE DESIGN (ADA)	
OCCUPANCY TYPE: U	
CONSTRUCTION TYPE: VB	
POOL RESTROOM	
EXISTING	243 GROSS SF
ADDITION	37 GROSS SF
TOTAL	280 GROSS SF
CONCESSION RESTROOM	
EXISTING	355 GROSS SF
ADDITION	55 GROSS SF
TOTAL	410 GROSS SF
NORTH RESTROOM (NEW CONSTRUCTION)	
AREA	362 GROSS SF



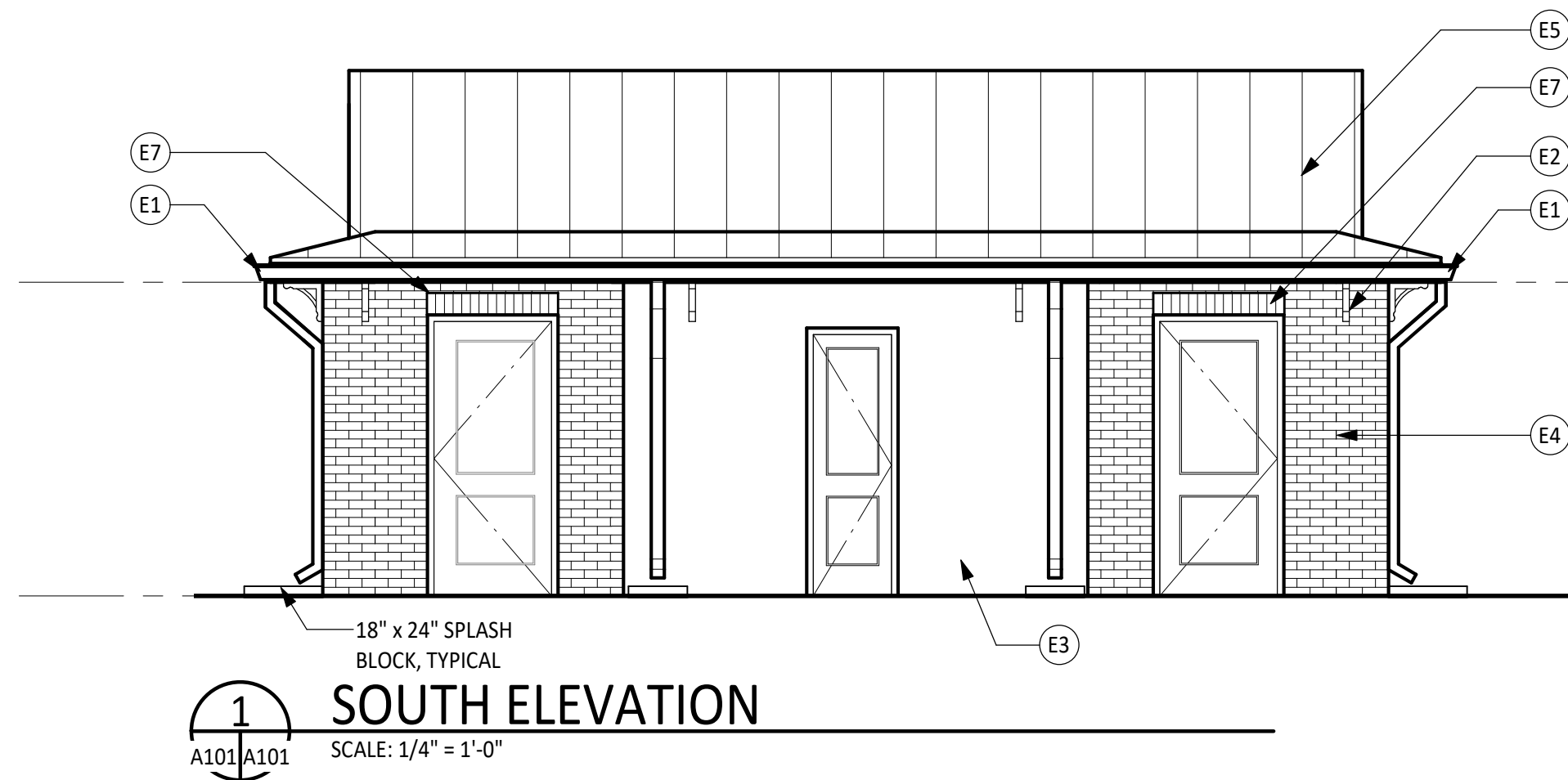
ROOF PLAN
1/4" = 1'-0"
PLAN NORTH



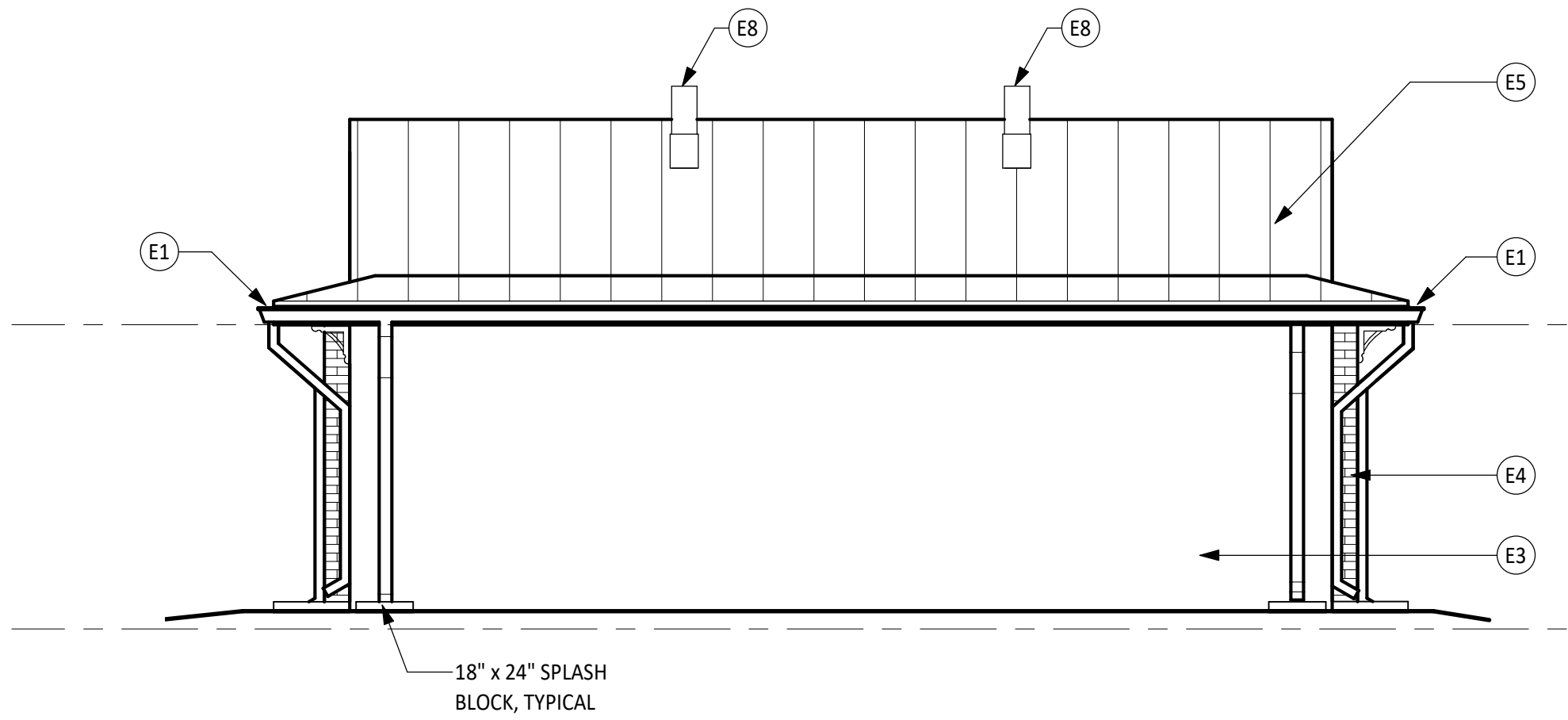
FLOOR PLAN
1/4" = 1'-0"
PLAN NORTH



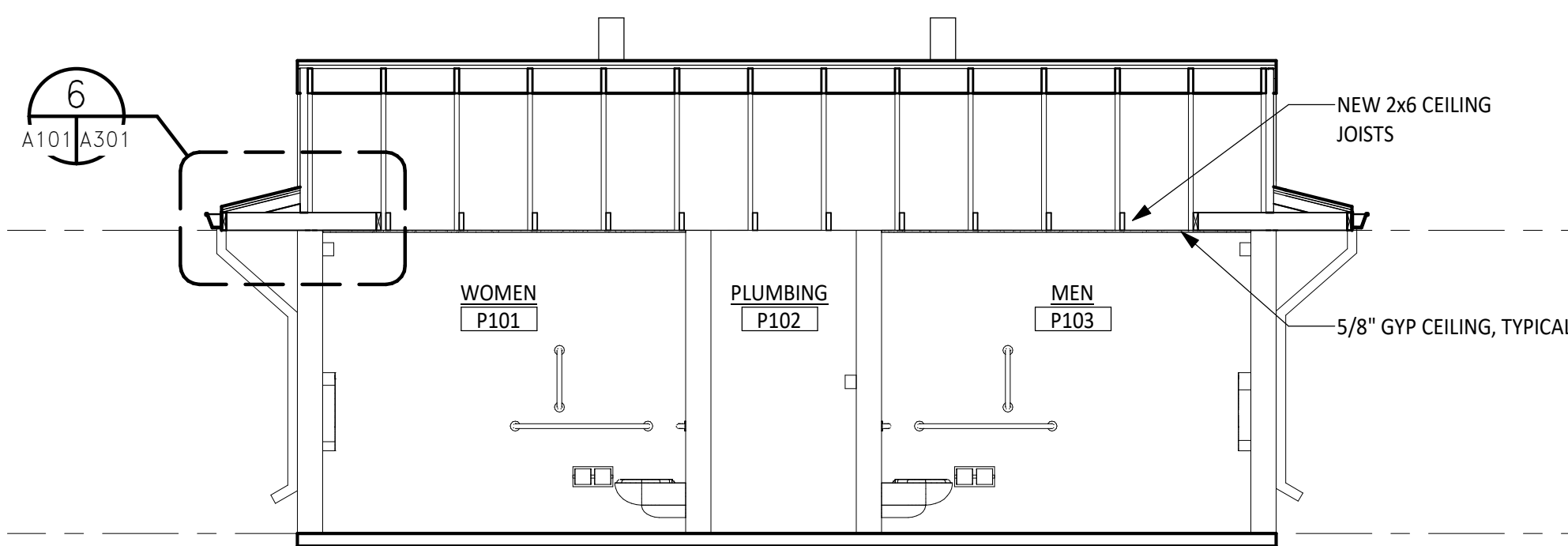
DEMOLITION PLAN
1/4" = 1'-0"
PLAN NORTH



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



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



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

DEMOLITION NOTES:

OCCURS WHERE (2) ARE INDICATED ON DRAWINGS.

- REMOVE EXISTING CMU WALL.
- REMOVE EXISTING DOOR(S) AND FRAME.
- REMOVE EXISTING PLUMBING FIXTURES. REFER TO PLUMBING DRAWINGS.
- REMOVE EXISTING PLUMBING ACCESSORIES.
- REMOVE EXISTING PLANTER.
- REMOVE EXISTING CMU AND BRICK WALL.
- REMOVE EXISTING GATE AND FRAME.
- REMOVE EXISTING COLUMN.
- REMOVE PORTIONS OF EXISTING CMU WALL AS REQUIRED FOR INSTALLATION OF NEW PLUMBING FIXTURES.
- REMOVE GABLE END LOUVERS.

CONSTRUCTION NOTES:

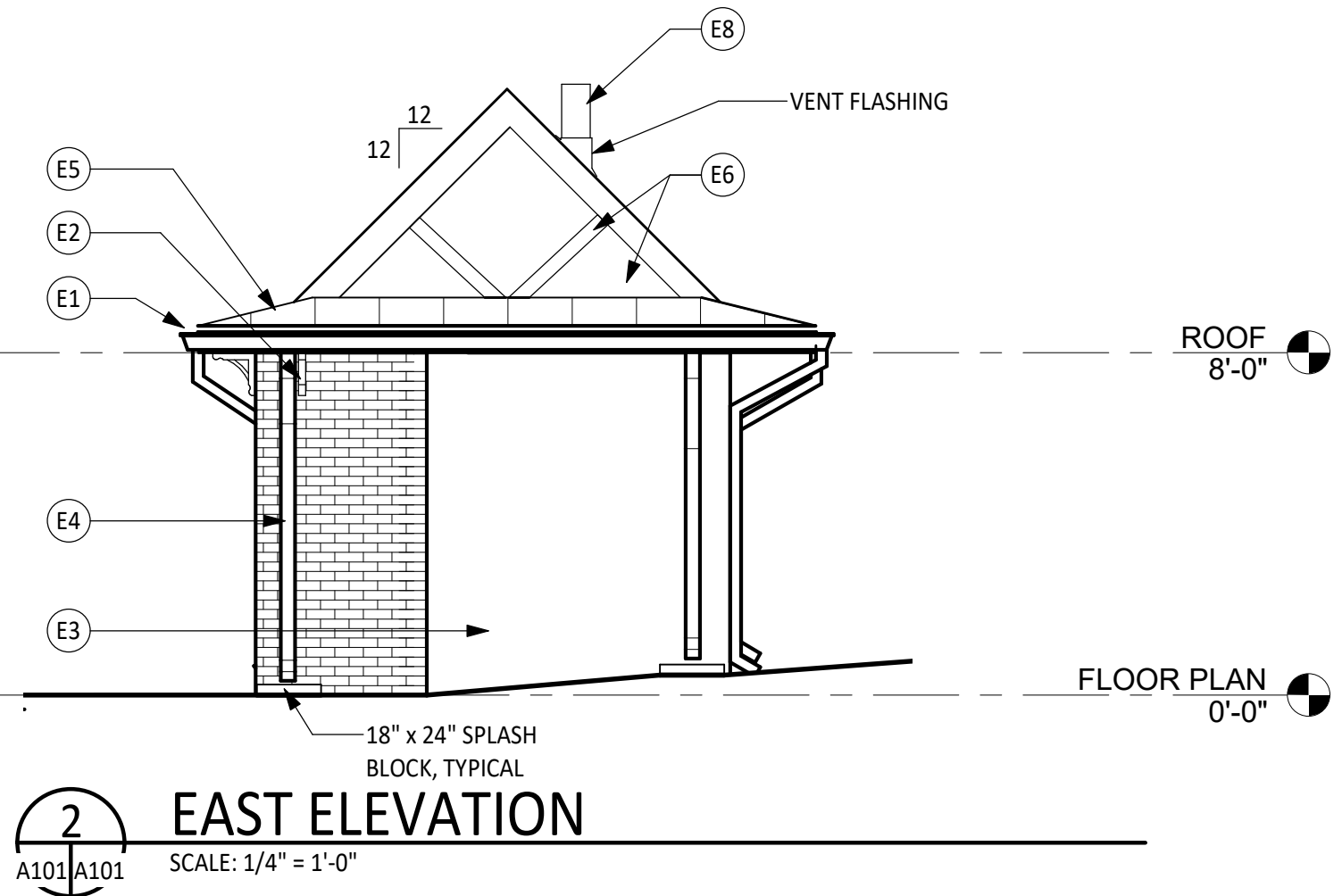
OCCURS WHERE (E#) ARE INDICATED ON DRAWINGS.

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

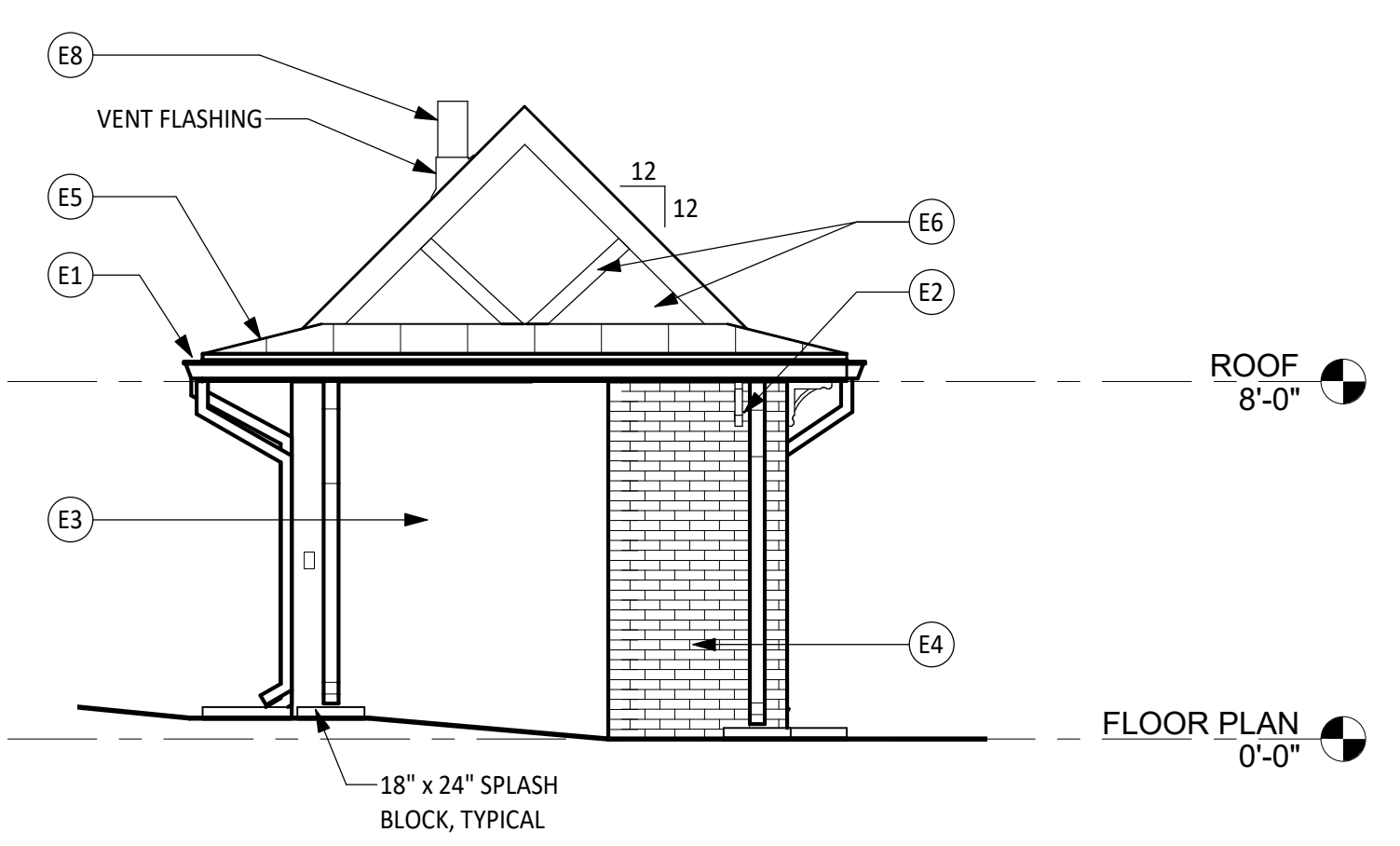
ELEVATION NOTES:

OCCURS WHERE (E#) ARE INDICATED ON DRAWINGS.

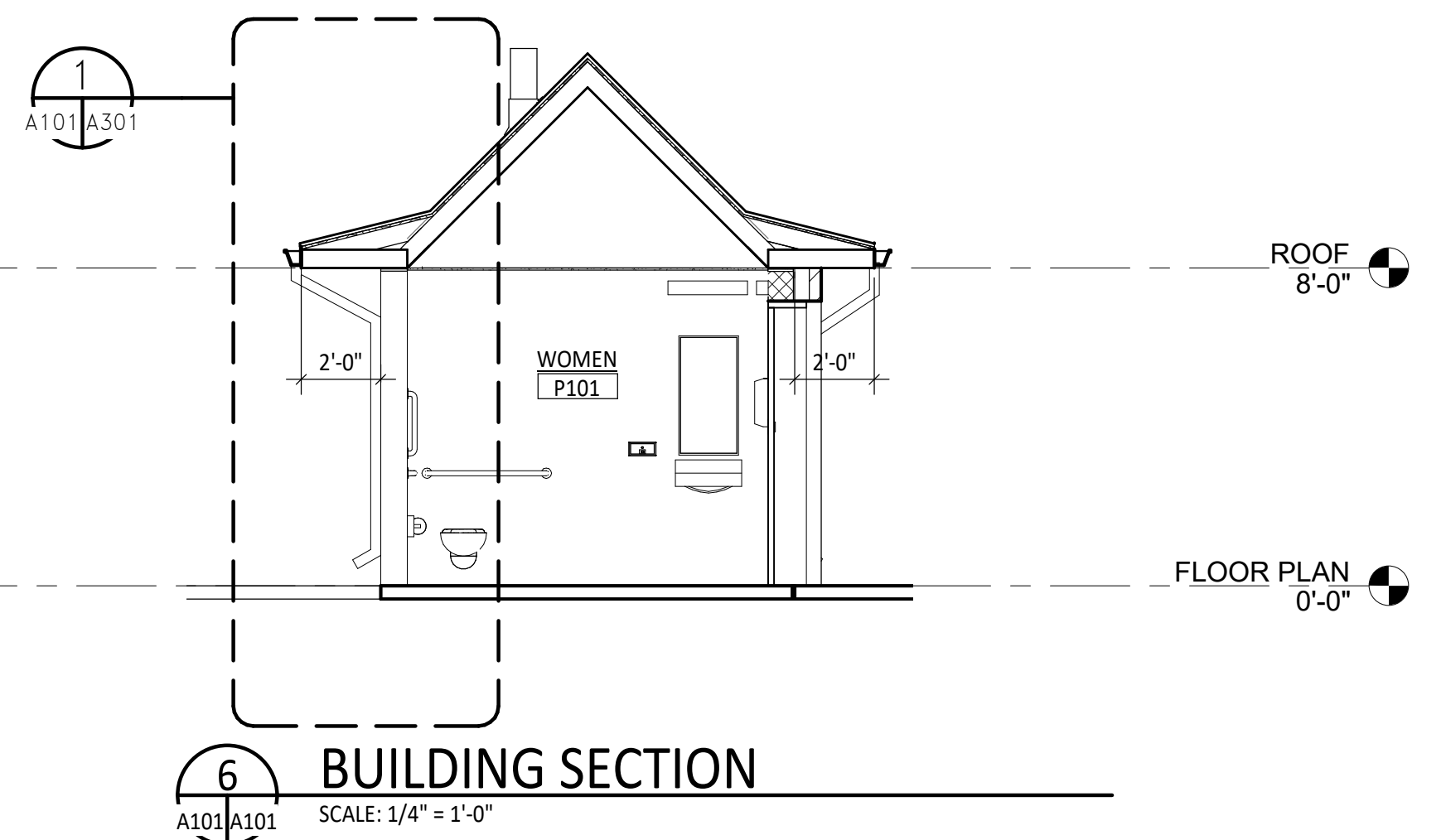
- NEW ALUMINUM GUTTERS AND DOWNSPOUTS.
- DECORATIVE POLYMER BRACKETS. SEE DETAIL 1/A701.
- EXISTING BRICK FACADE.
- NEW BRICK FACE.
- NEW STANDING SEAM METAL ROOF.
- PROVIDE CEMENT BOARD SIDING WITH 1x4 TRIM BOARD.
- SOLDIER COURSE.
- EXHAUST VENT. REFER TO PLUMBING DRAWINGS.



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



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



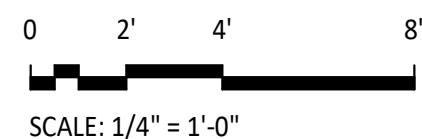
6 BUILDING SECTION
SCALE: 1/4" = 1'-0"

GENERAL NOTES:

- TOILET ACCESSORY ITEMS ARE INDICATED ON DRAWINGS BY (00).
- REFER TO CASEWORK ELEVATIONS ON SHEET A701 FOR ADDITIONAL TOILET ACCESSORIES REQUIRED AS PART OF WORK.
- GRAB BARS AND ACCESSORIES SHALL BE MOUNTED IN ACCORDANCE WITH ADA, 2010.
- PROVIDE UNDER LAVATORY PROTECTIVE PIPE COVER AT EACH WALL HUNG LAVATORY.
- 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



GYPSY HILL PARK RESTROOM IMPROVEMENTS STAUNTON, VIRGINIA POOL RESTROOM PLANS AND ELEVATIONS

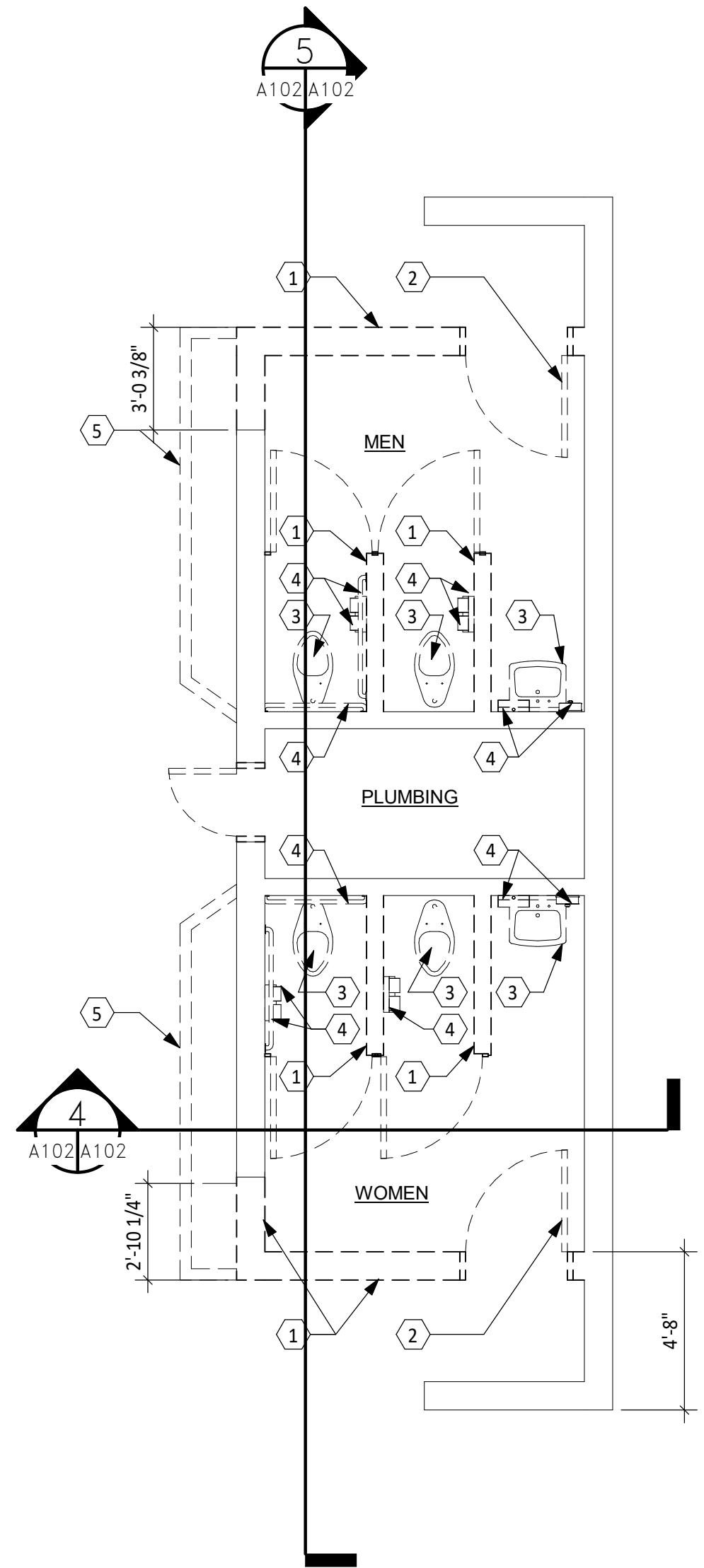
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No.	Date

Designed	EFS
Drawn	KCF
Checked	EFS
Date	06/23/2023

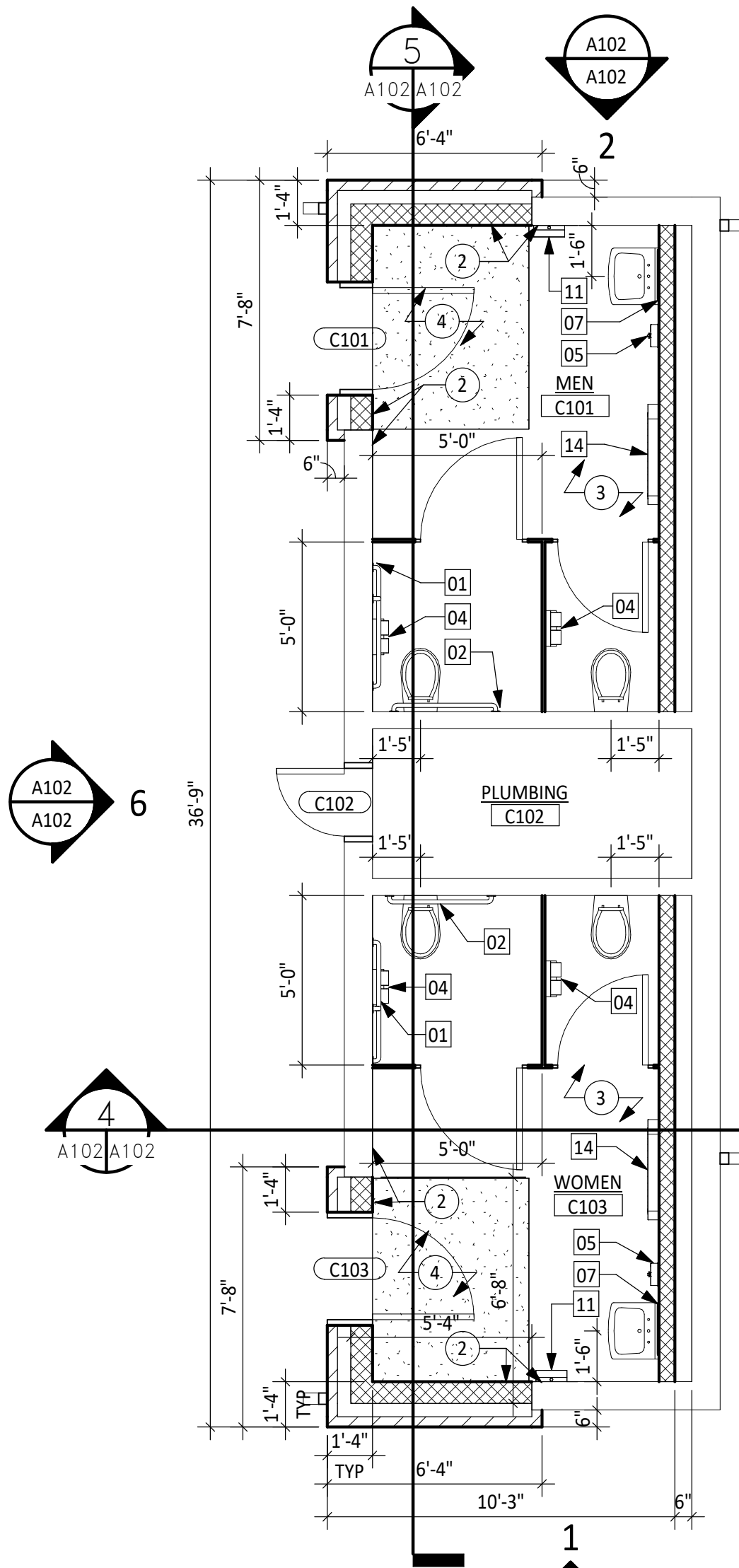
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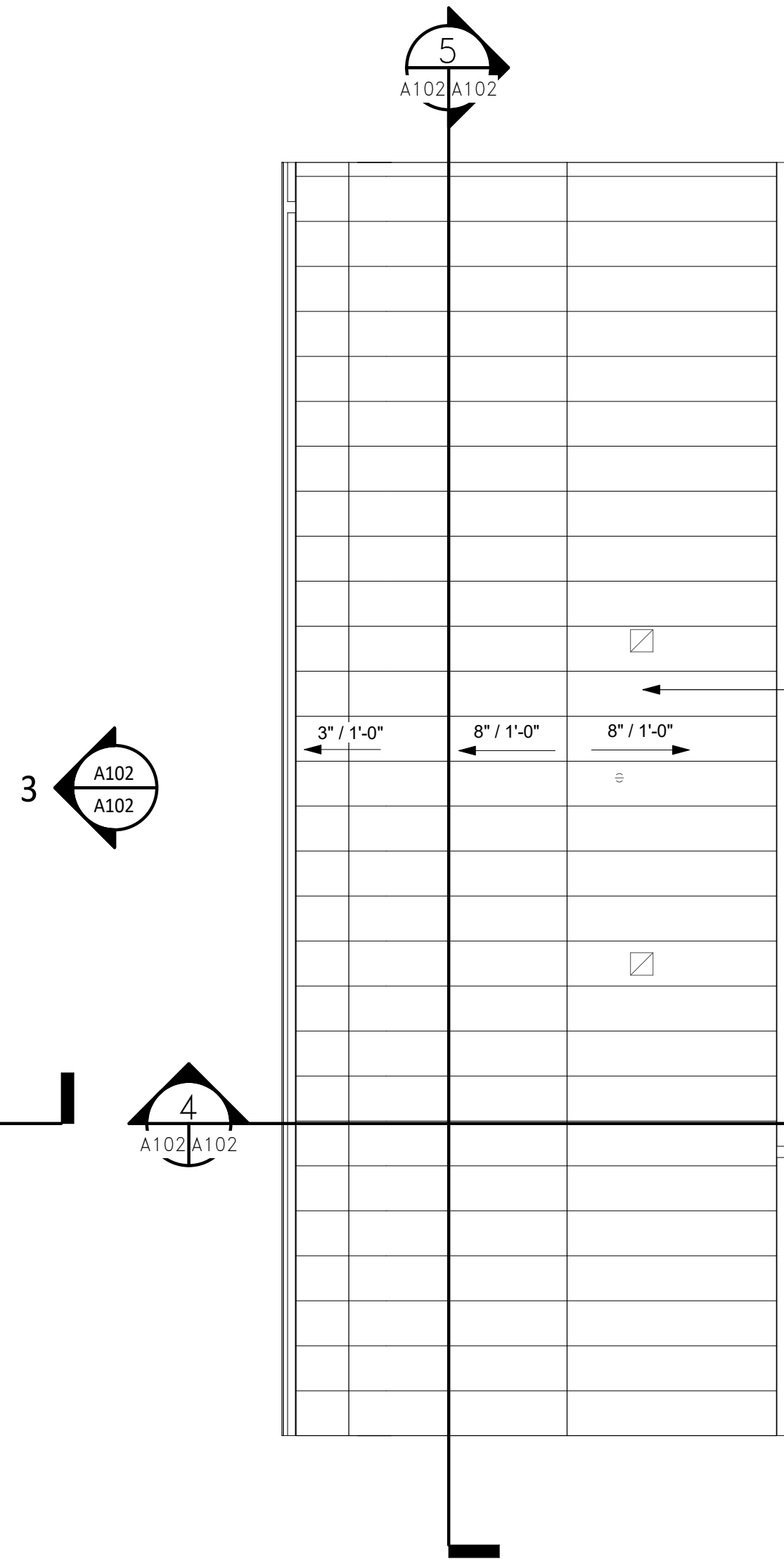
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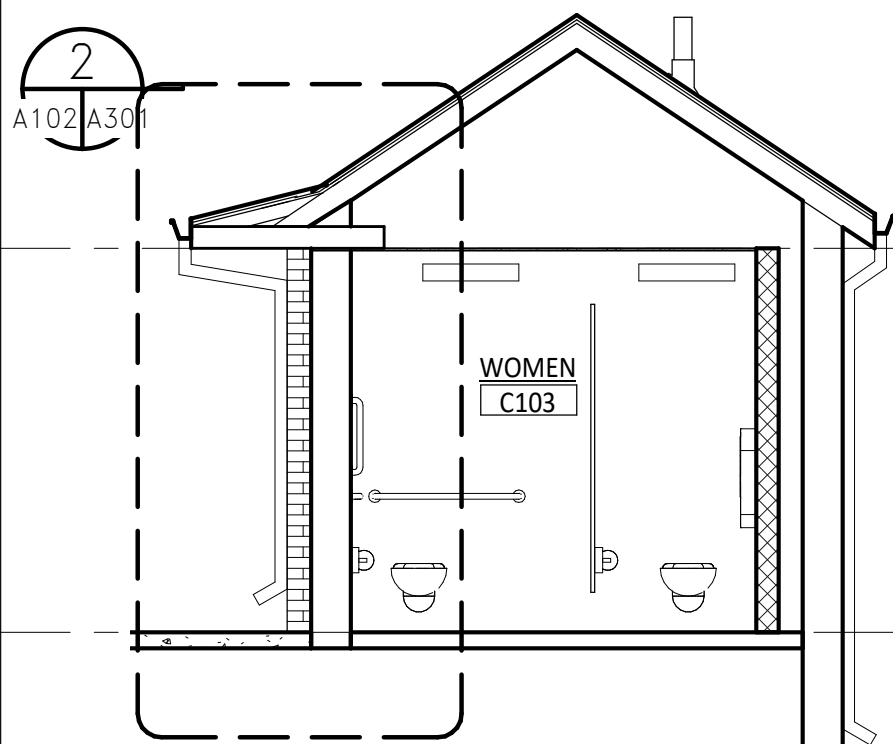
DEMOLITION PLAN
1/4" = 1'-0"
PLAN NORTH



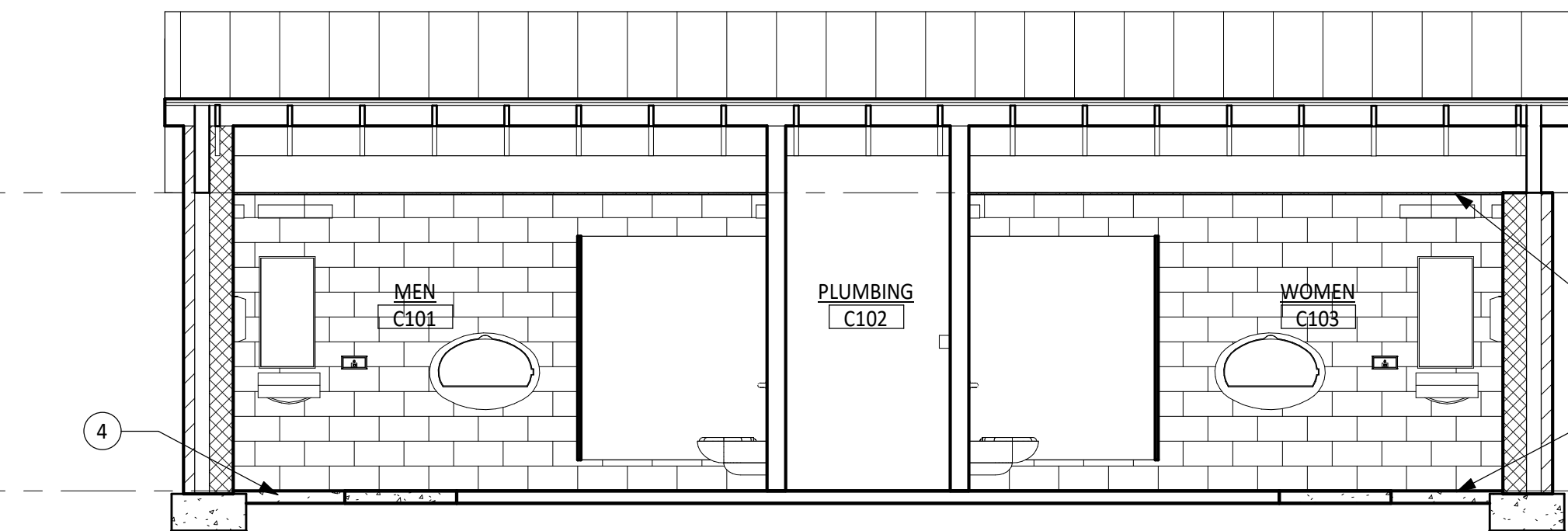
FLOOR PLAN
1/4" = 1'-0"
PLAN NORTH



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



4 WALL SECTION
A102/A102 SCALE: 1/4" = 1'-0"



5 WALL SECTION
A102/A102 SCALE: 1/4" = 1'-0"

DEMOLITION NOTES:

OCCURS WHERE (2) ARE INDICATED ON DRAWINGS.

- REMOVE EXISTING CMU WALL.
- REMOVE EXISTING DOOR(S) AND FRAME.
- REMOVE EXISTING PLUMBING FIXTURES. REFER TO PLUMBING DRAWINGS.
- REMOVE EXISTING PLUMBING ACCESSORIES.
- REMOVE EXISTING PLANTER.
- REMOVE EXISTING CMU AND BRICK WALL.
- REMOVE EXISTING GATE AND FRAME.
- REMOVE EXISTING COLUMN.
- REMOVE PORTIONS OF EXISTING CMU WALL AS REQUIRED FOR INSTALLATION OF NEW PLUMBING FIXTURES.
- REMOVE GABLE END LOUVERS.

CONSTRUCTION NOTES:

OCCURS WHERE (3) ARE INDICATED ON DRAWINGS.

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

ELEVATION NOTES:

OCCURS WHERE (E#) ARE INDICATED ON DRAWINGS.

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

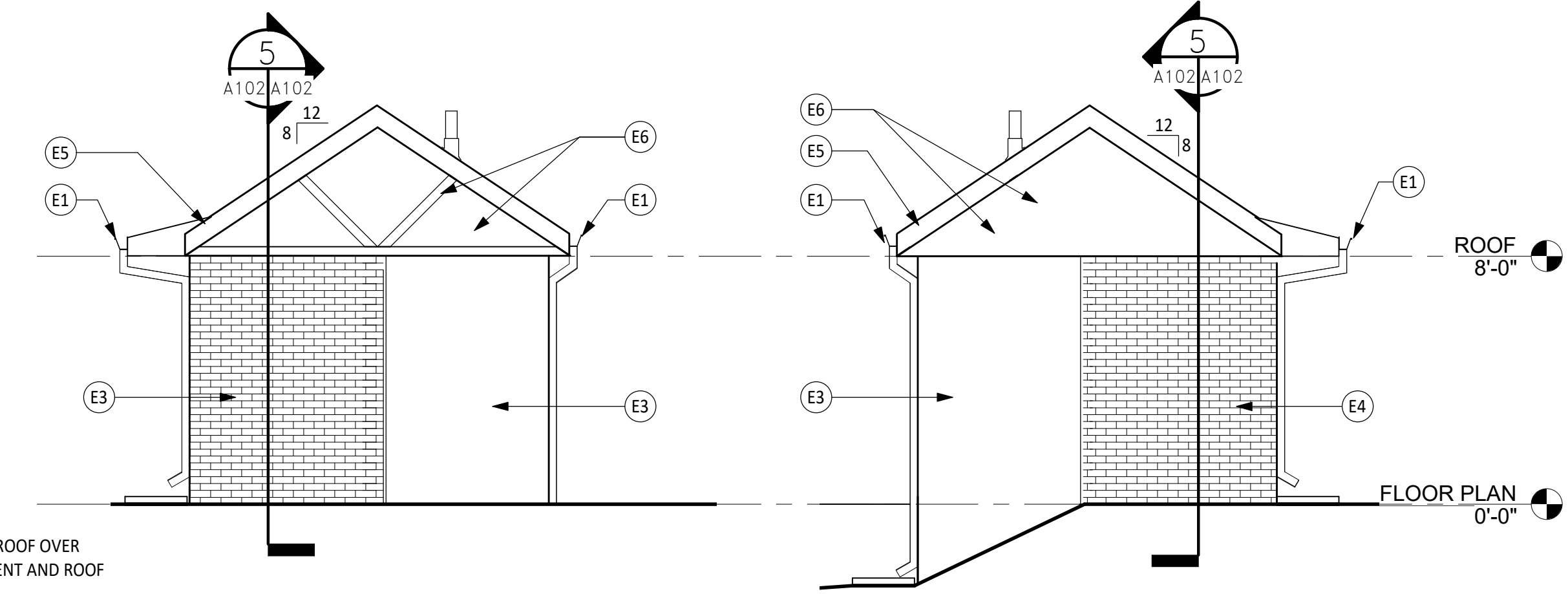
GENERAL NOTES:

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

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

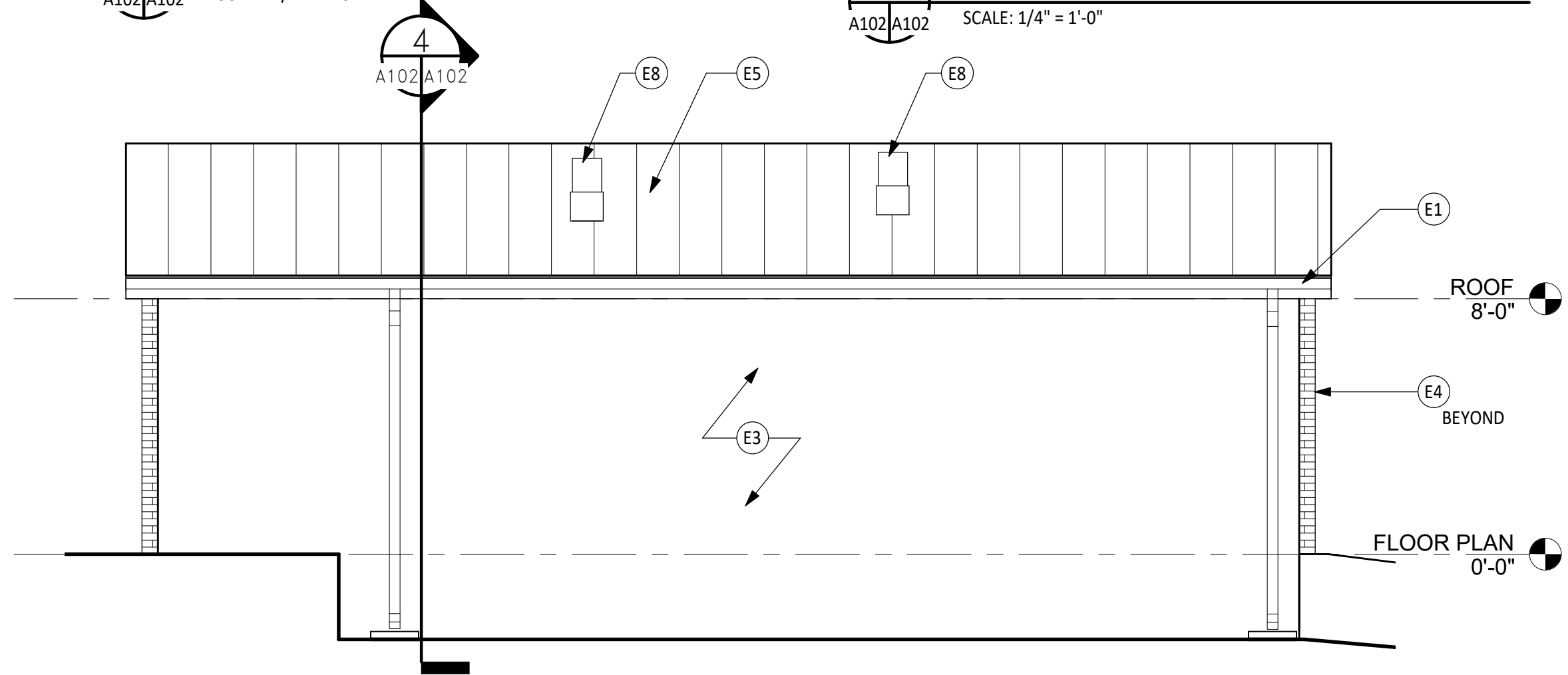
NOTES:
CSI - CONTRACTOR SUPPLIED CONTRACTOR INSTALLED
OSCI - OWNER SUPPLIED CONTRACTOR INSTALLED
OSOI - OWNER SUPPLIED OWNER INSTALLED

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

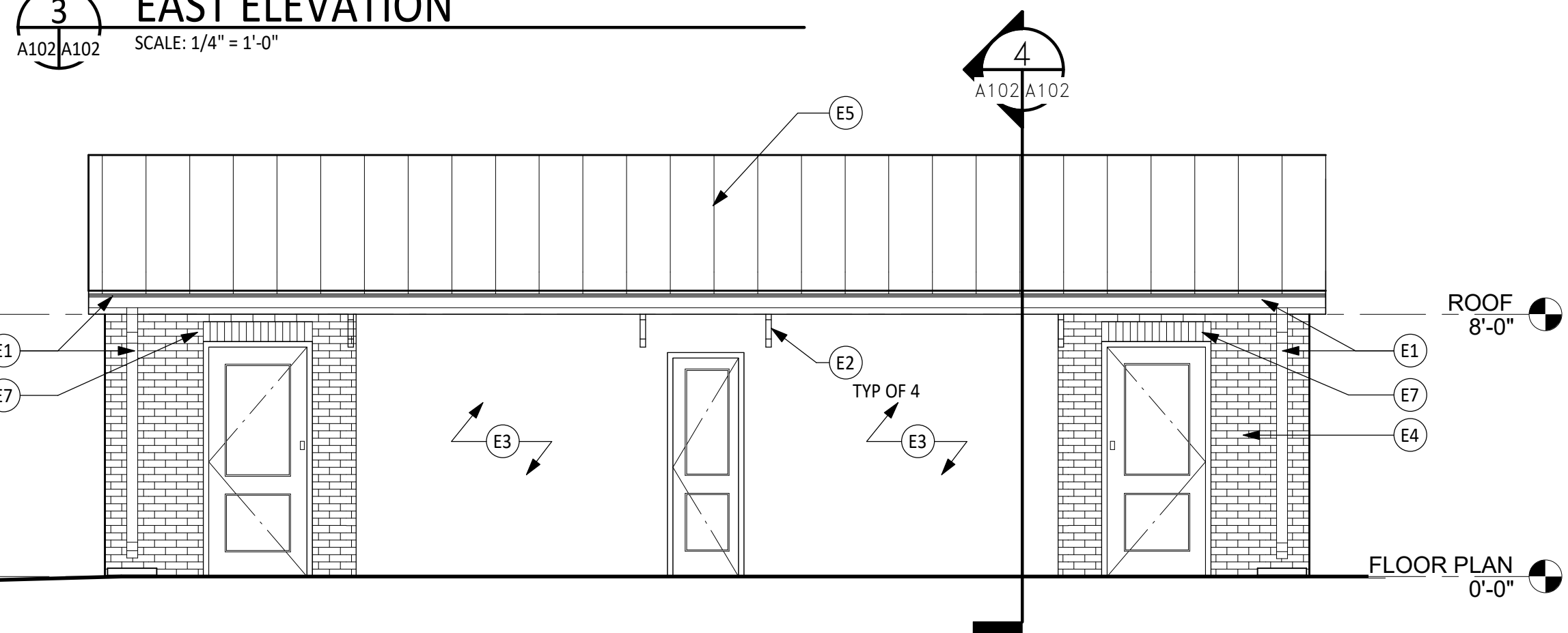


1 SOUTH ELEVATION
A102/A102 SCALE: 1/4" = 1'-0"

2 NORTH ELEVATION
A102/A102 SCALE: 1/4" = 1'-0"



3 EAST ELEVATION
A102/A102 SCALE: 1/4" = 1'-0"



6 WEST ELEVATION
A102/A102 SCALE: 1/4" = 1'-0"



GYPSY HILL PARK RESTROOM IMPROVEMENTS STAUNTON, VIRGINIA CONCESSIONS RESTROOM PLANS AND ELEVATIONS

Purpose of Document Issue

Date

No.

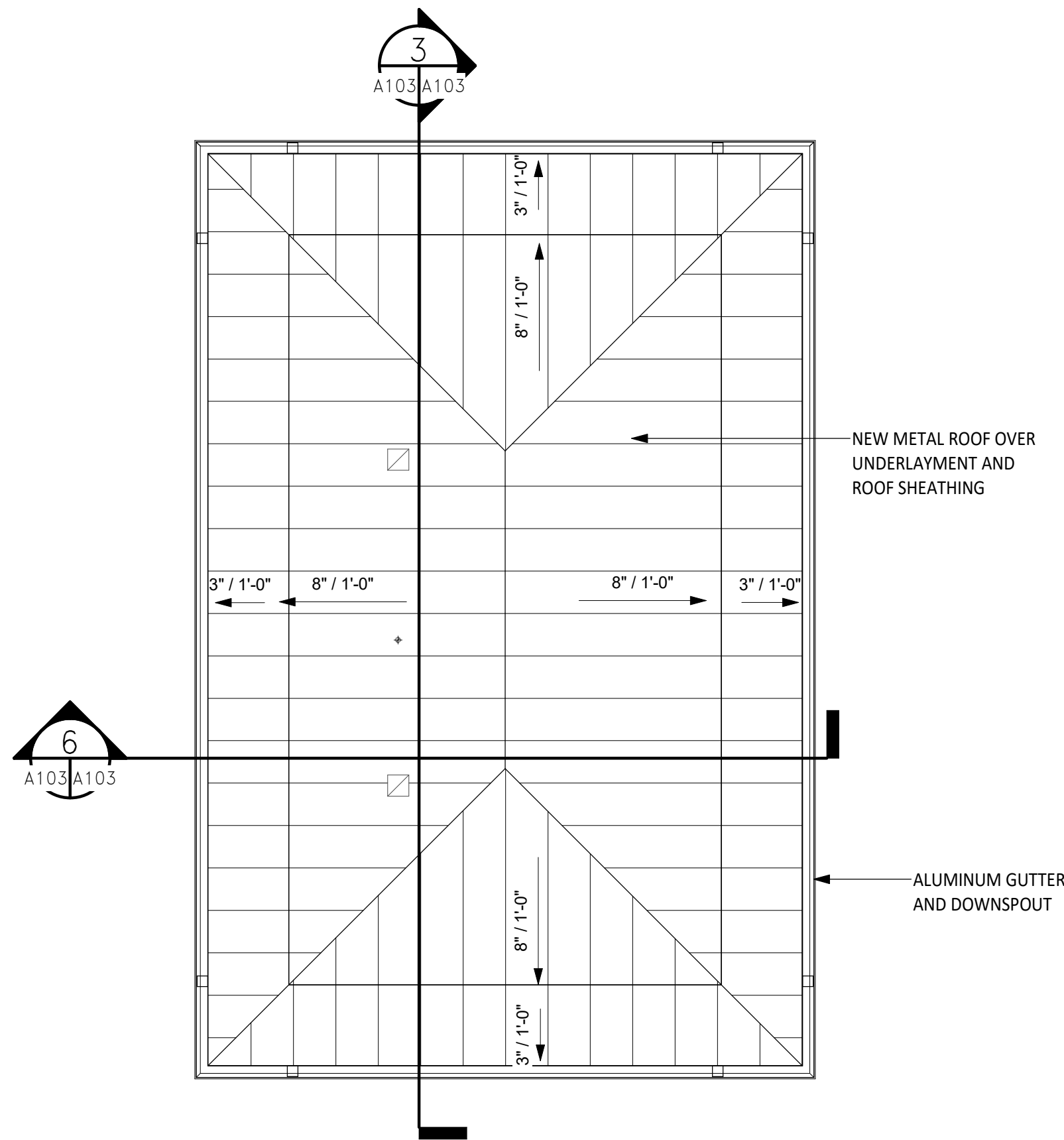
Designed	Designer
Drawn	Author
Checked	Checker
Date	06/23/2023

Project No.
16472

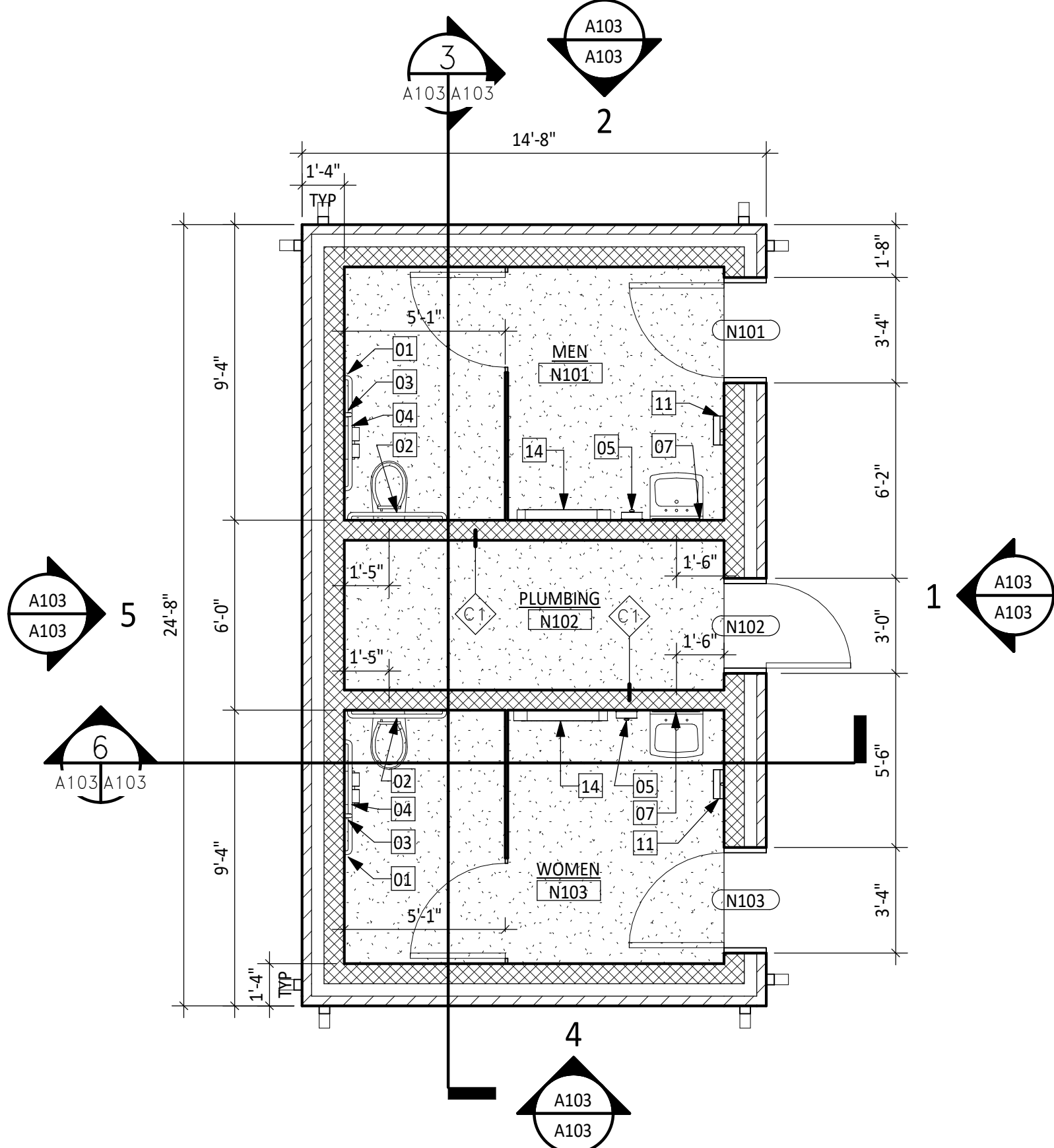


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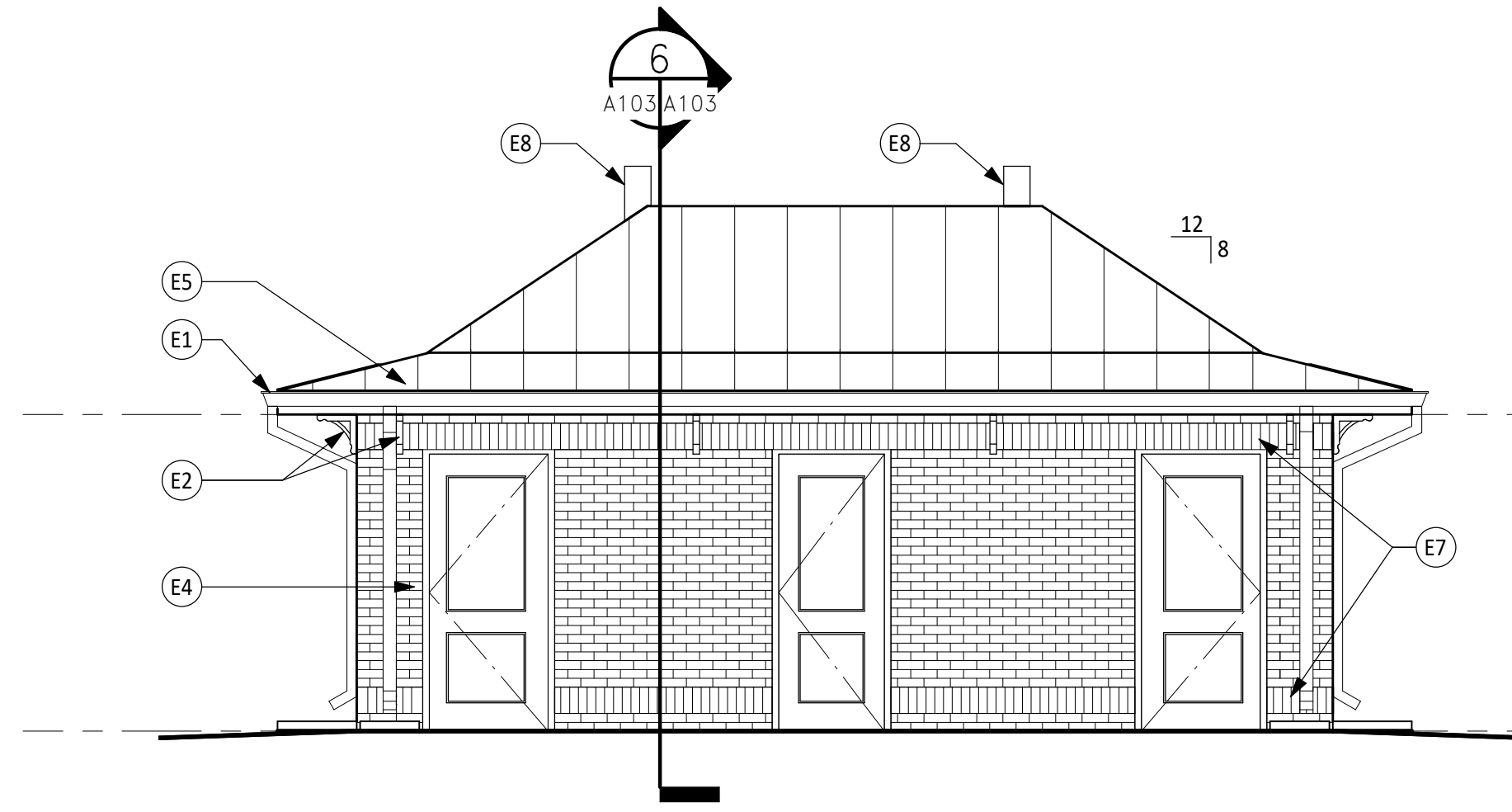
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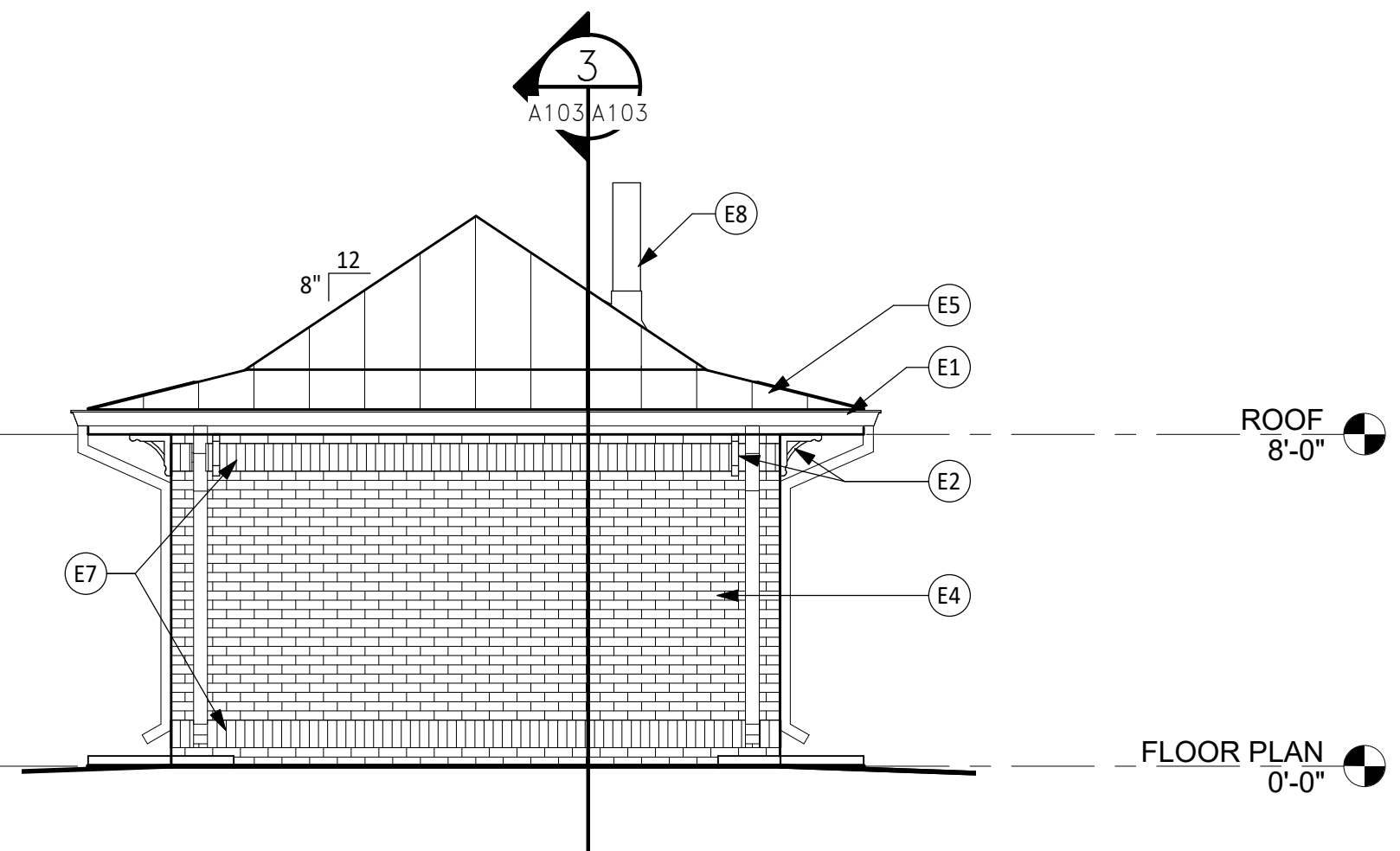
ROOF
1/4" = 1'-0"
PLAN NORTH



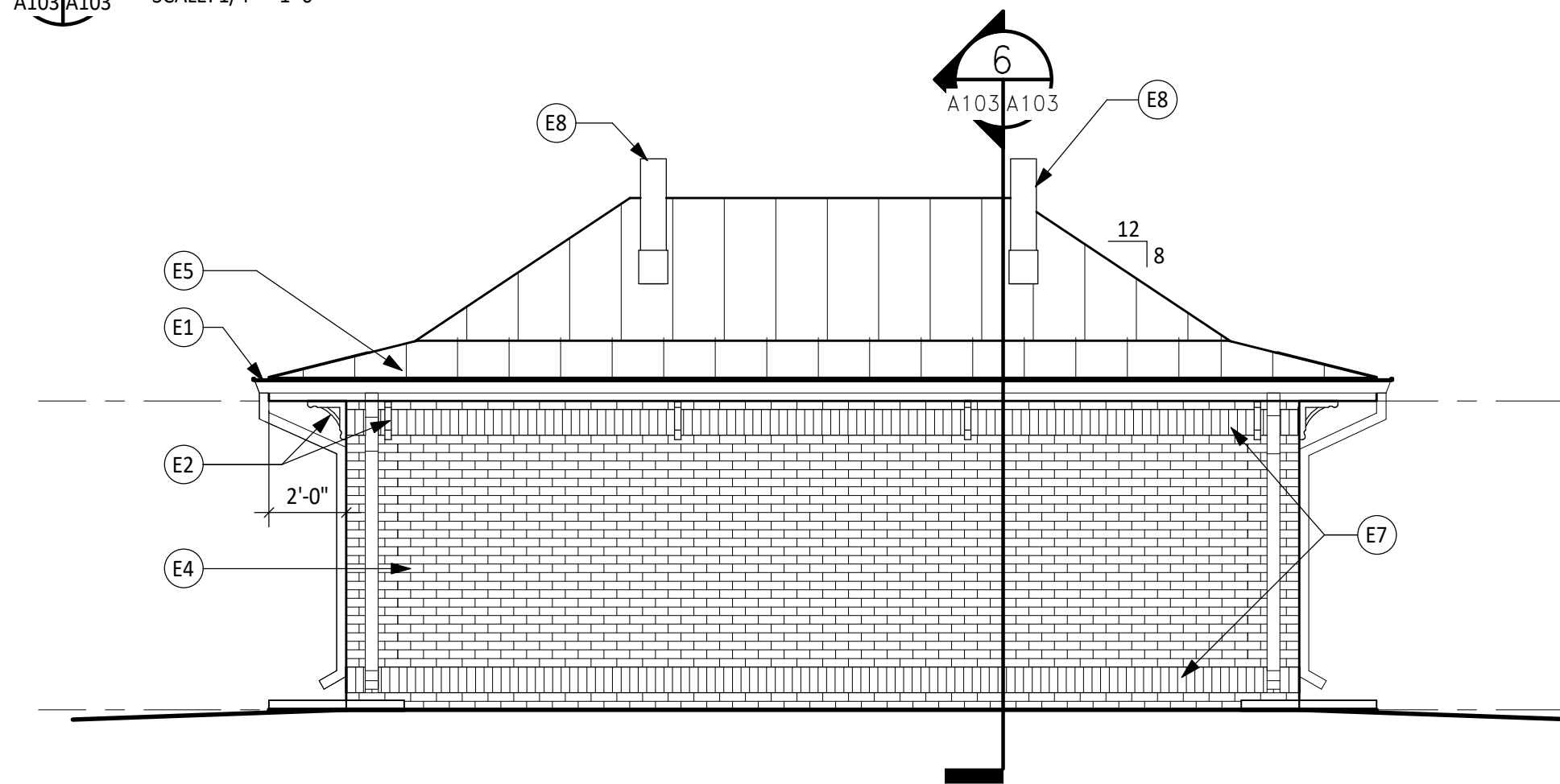
FLOOR PLAN
1/4" = 1'-0"
PLAN NORTH



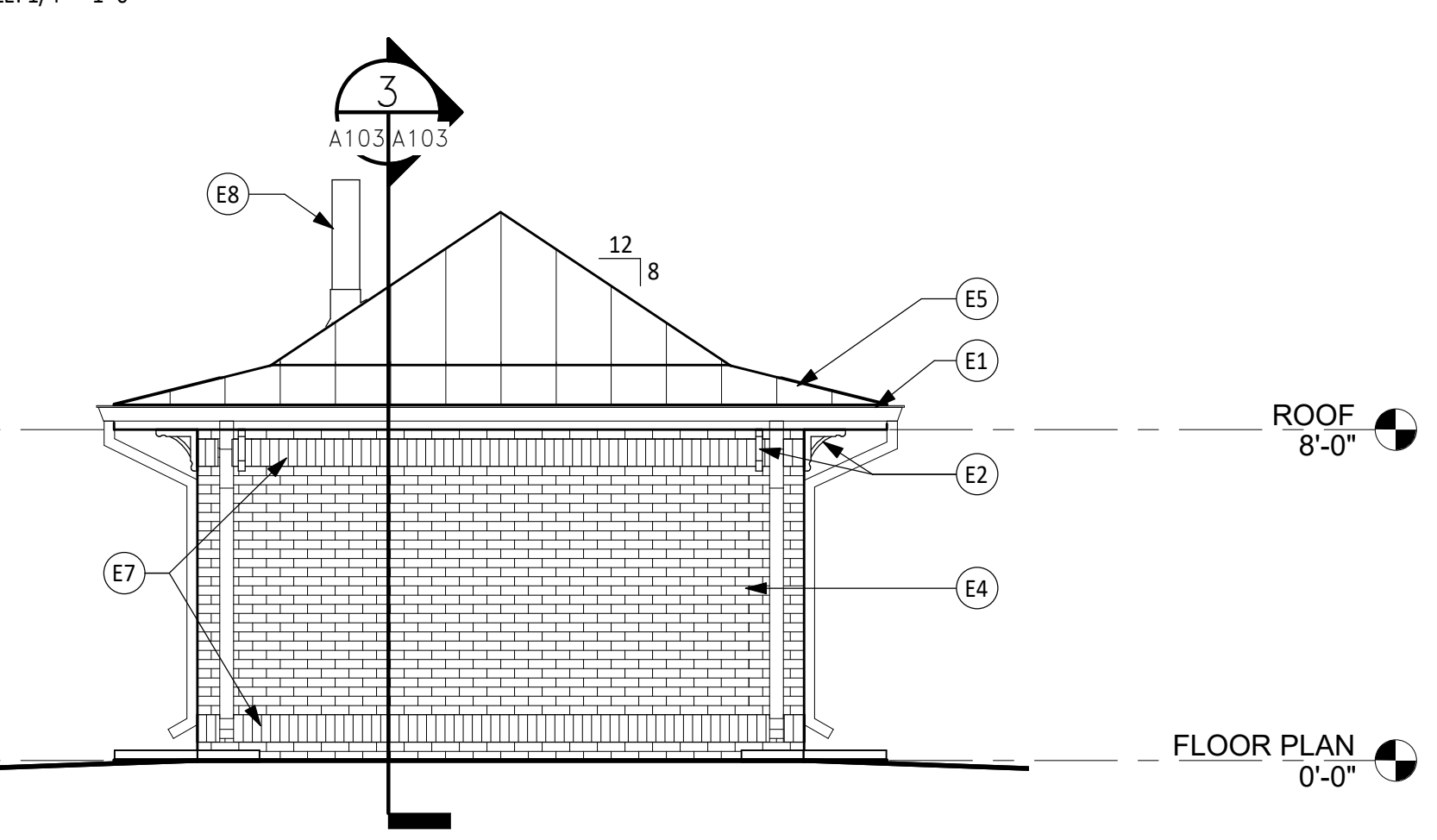
1 EAST ELEVATION
SCALE: 1/4" = 1'-0"



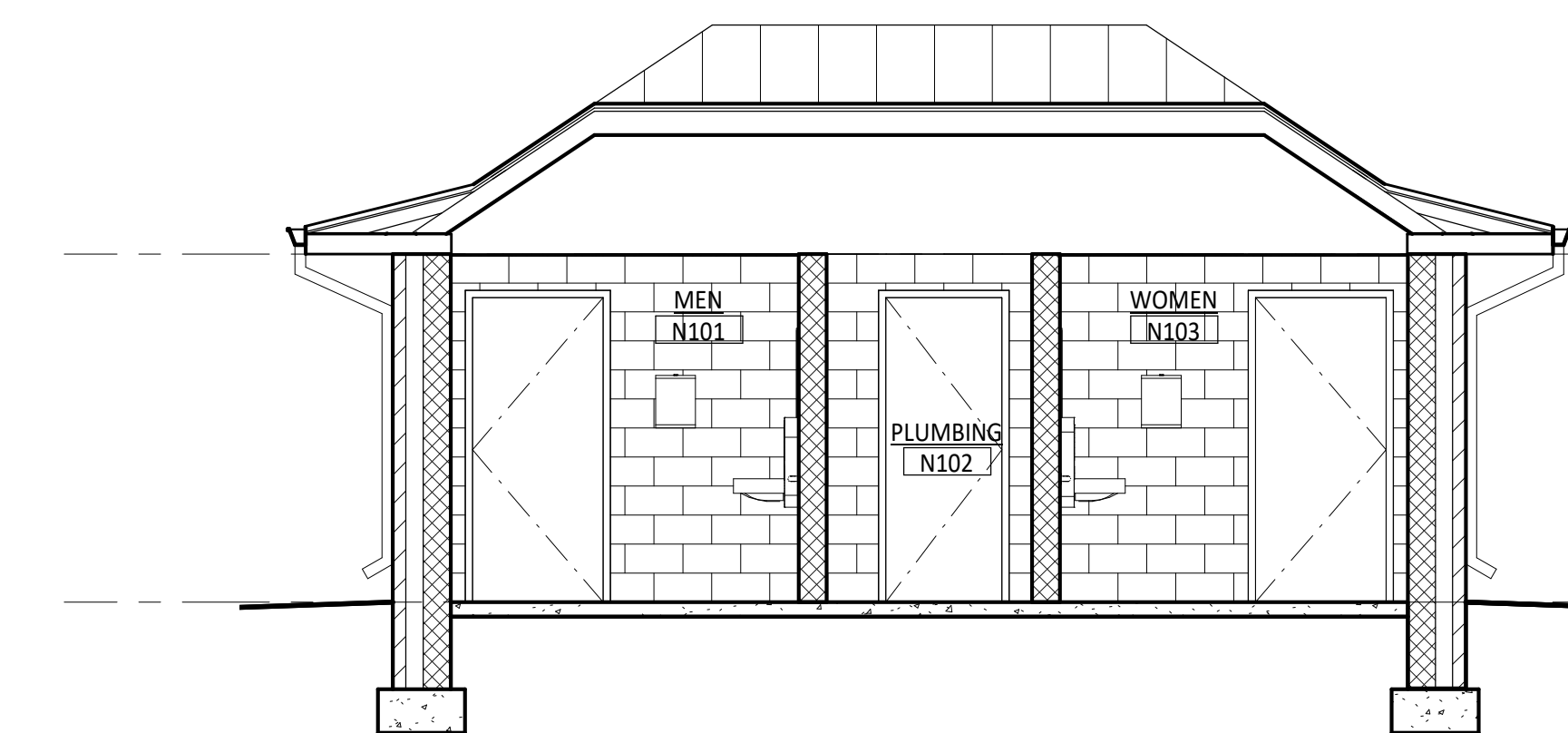
2 NORTH ELEVATION
SCALE: 1/4" = 1'-0"



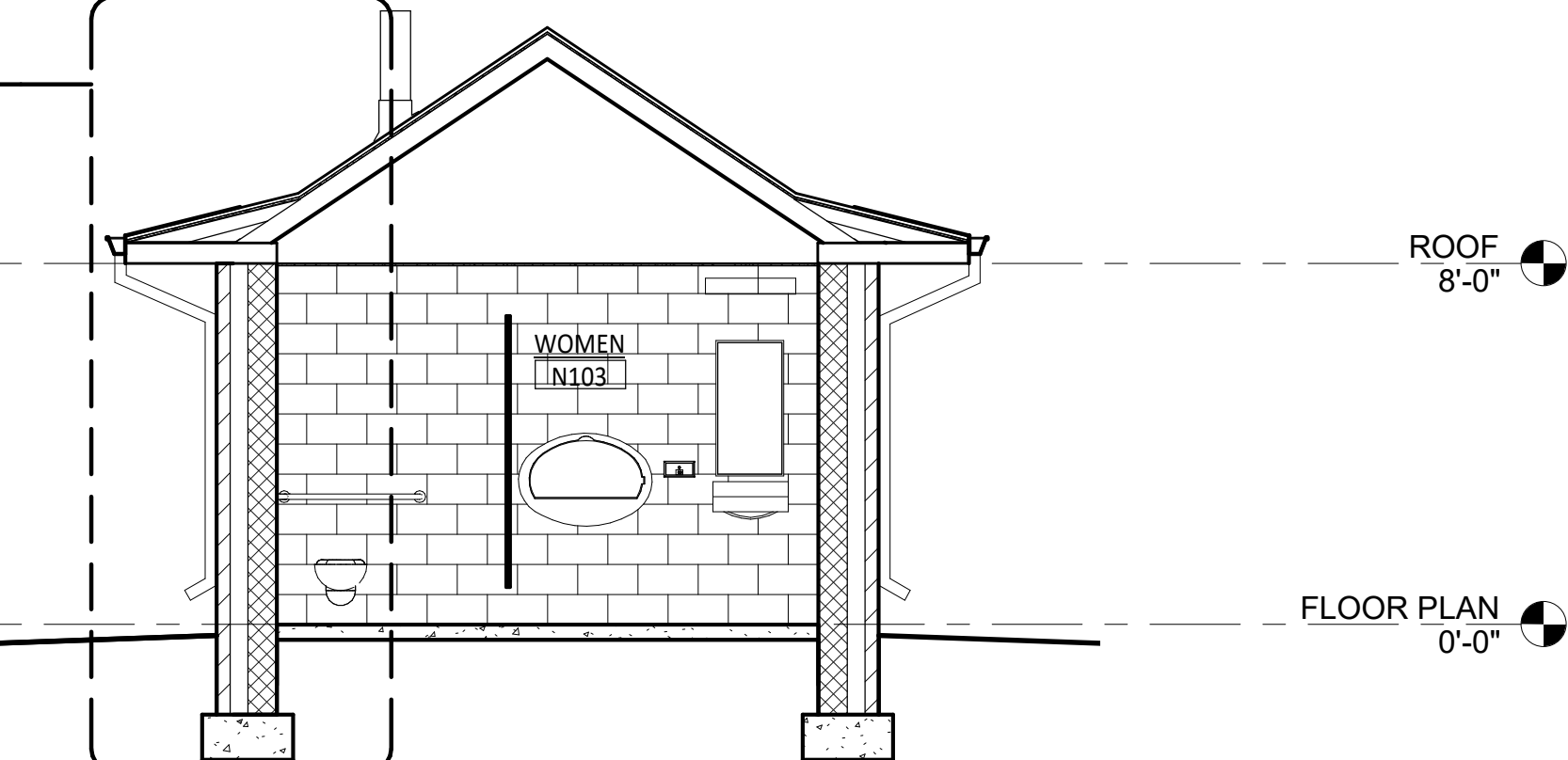
5 WEST ELEVATION
SCALE: 1/4" = 1'-0"



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



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



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

ELEVATION NOTES:

OCURS WHERE E8 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:

- TOILET ACCESSORY ITEMS ARE INDICATED ON DRAWINGS BY [00] REFER TO CASEWORK ELEVATIONS ON SHEET A701 FOR ADDITIONAL TOILET ACCESSORIES REQUIRED AS PART OF WORK.
- GRAB BARS AND ACCESSORIES SHALL BE MOUNTED IN ACCORDANCE WITH ADA, 2010.
- PROVIDE UNDER LAVATORY PROTECTIVE PIPE COVER AT EACH WALL HUNG LAVATORY.
- 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"



GYPSY HILL PARK RESTROOM IMPROVEMENTS

STAUNTON, VIRGINIA

NORTH RESTROOM PLANS AND ELEVATIONS

Purpose of Document Issue

Date

No.

Designed

Designer

Drawn

Author

Checked

Checker

Date

06/23/2023

Project No.

16472



THOMPSON
& LITTON

Sheet No.

A103



WALL SECTIONS

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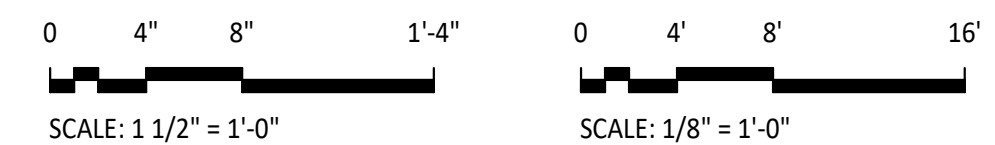
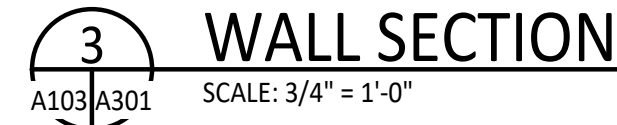
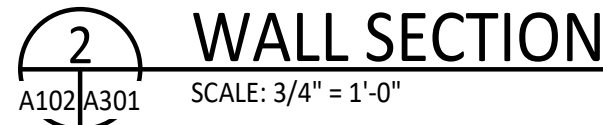
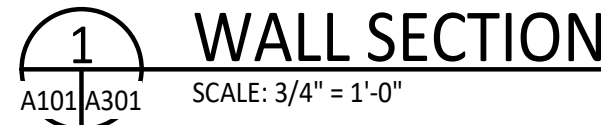
Designed	EFS
Drawn	KCF
Checked	EFS
Date	06/23/2023

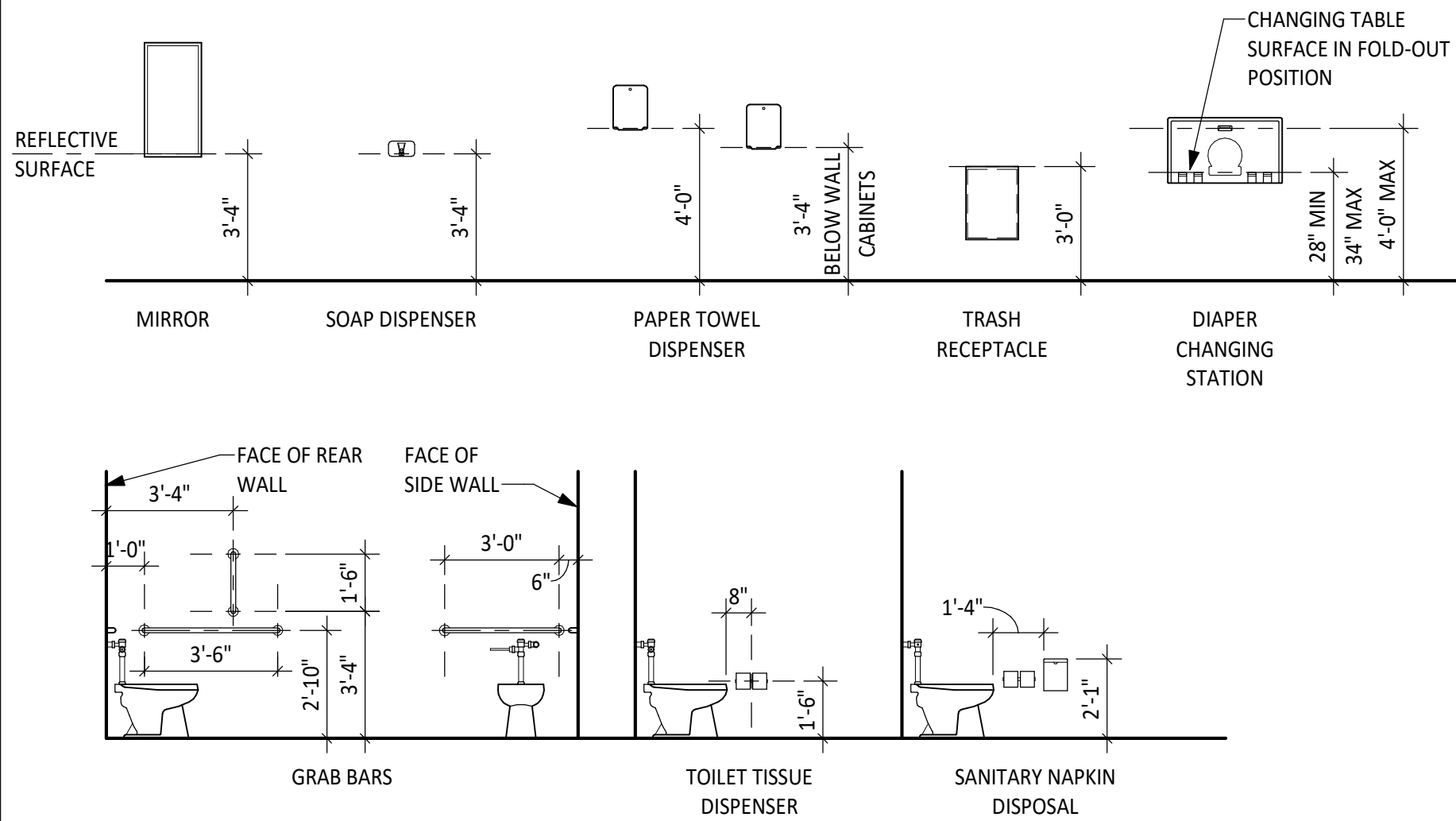
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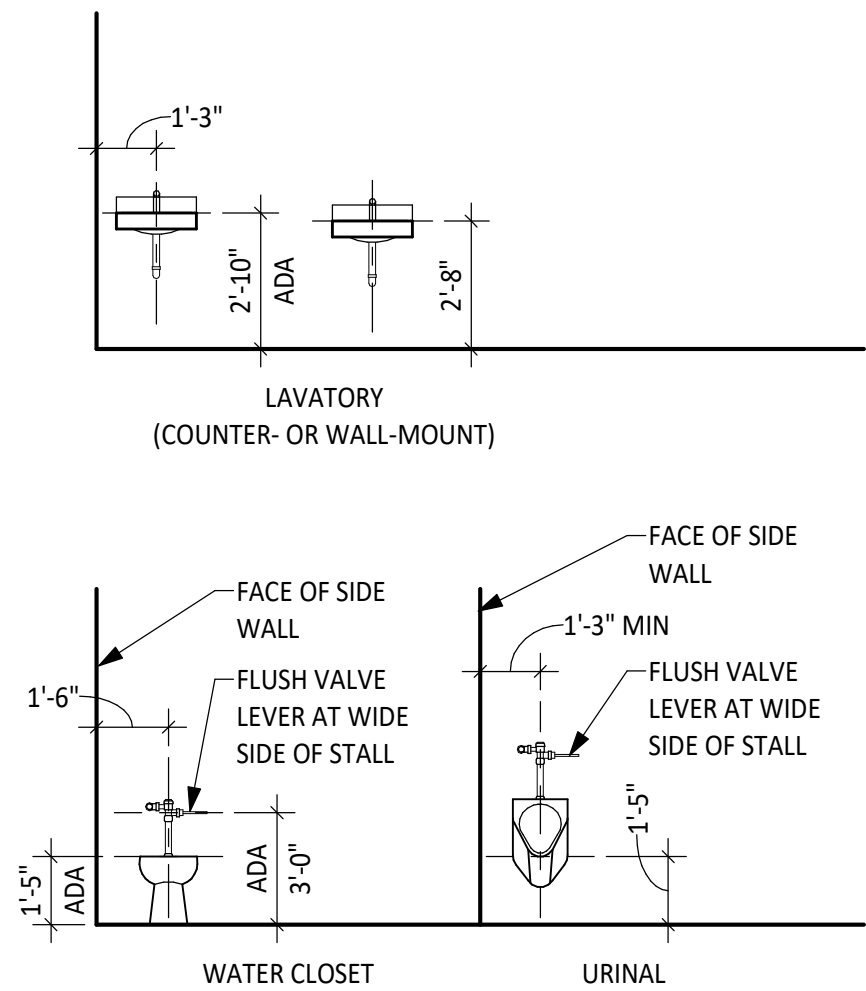
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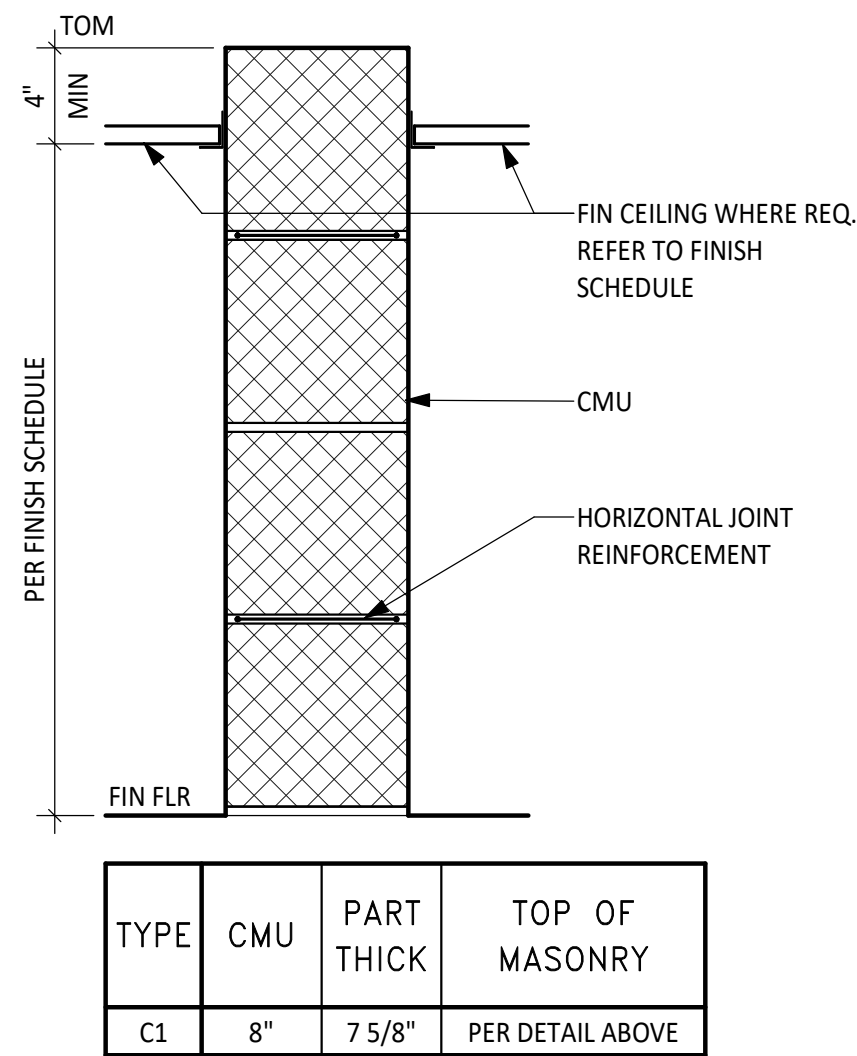




TOILET ACCESSORIES MOUNTING SCHEDULE



PLUMBING FIXTURES MOUNTING SCHEDULE



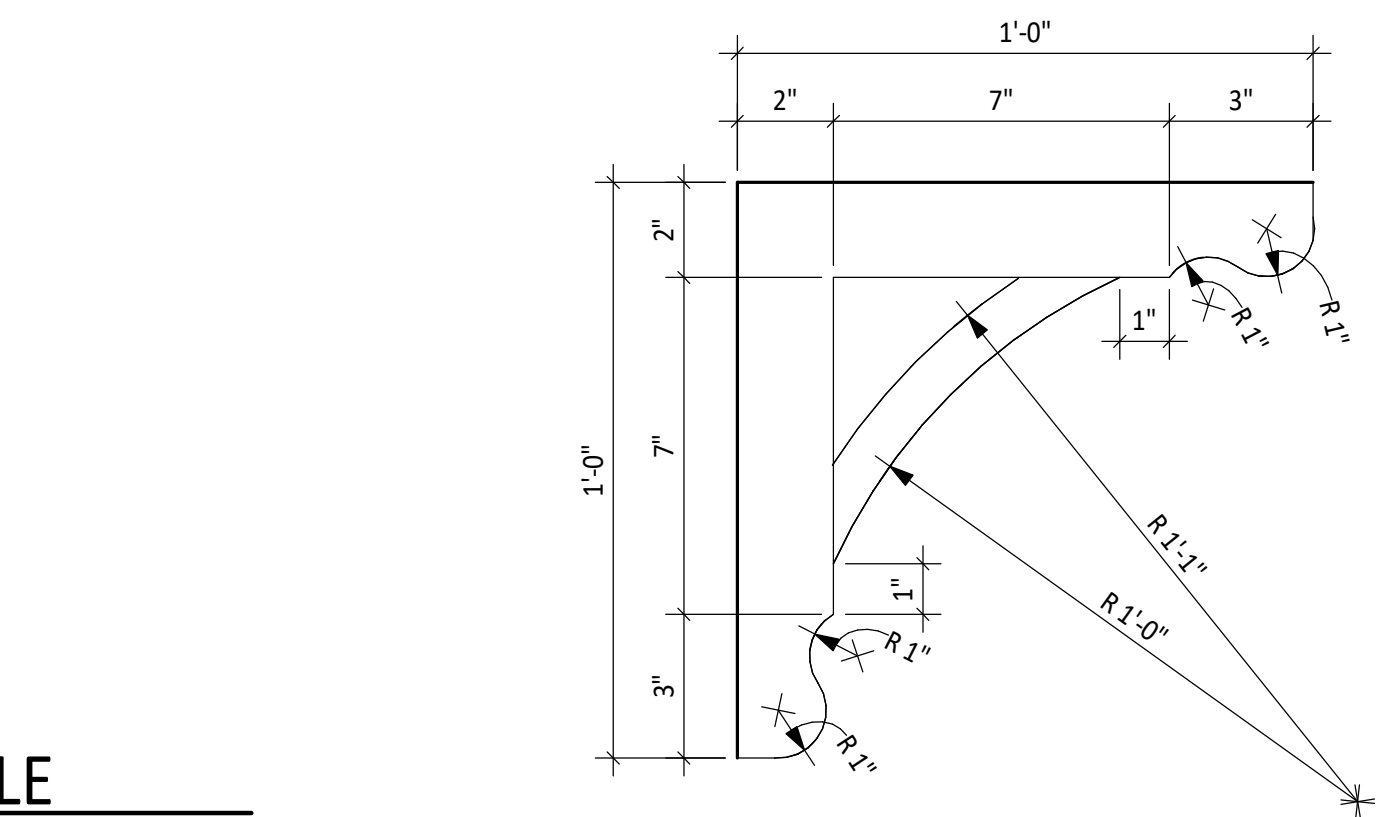
NON-RATED PARTITION

PARTITION TYPES

1 1/2" = 1'-0"

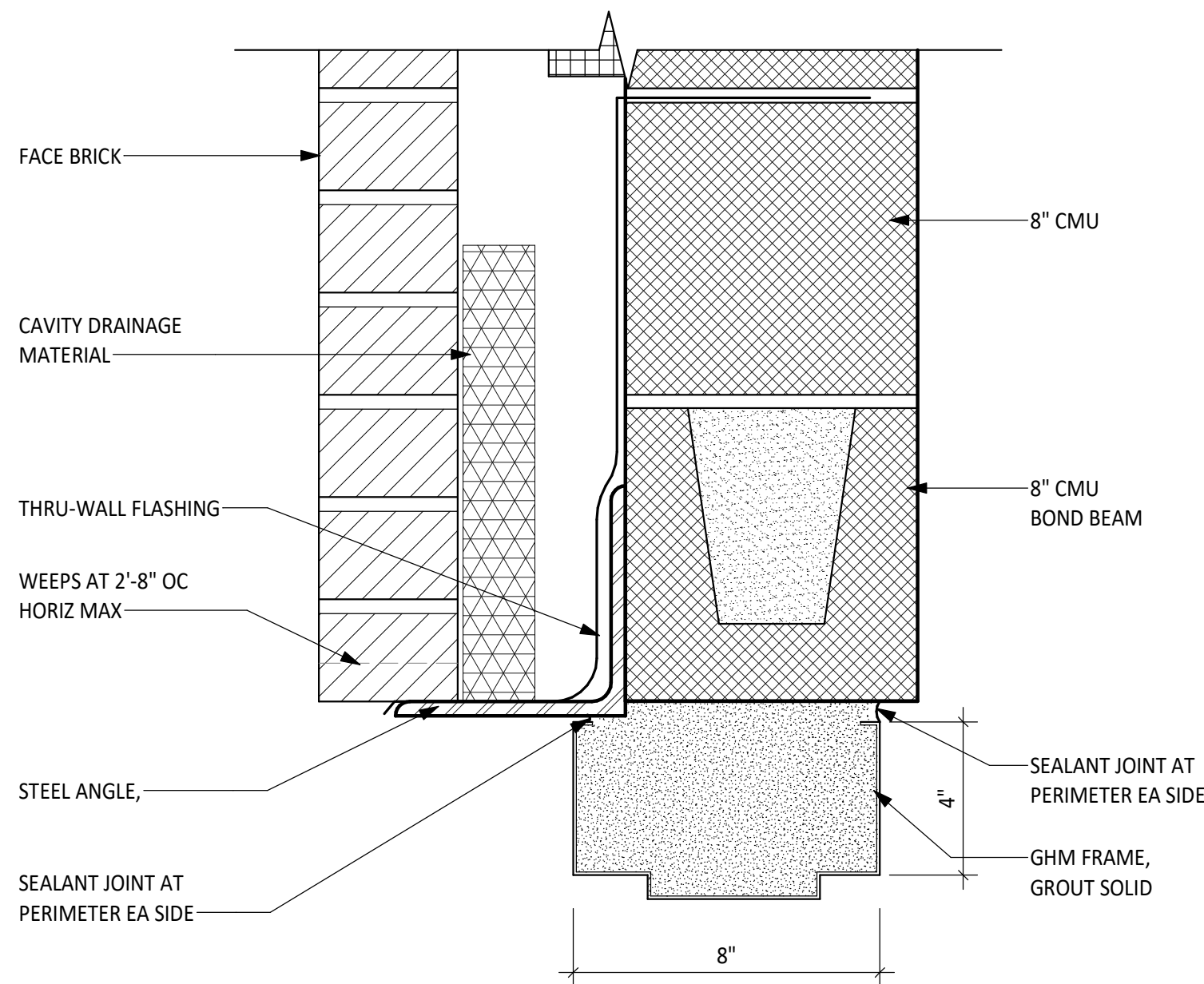
GENERAL PARTITION NOTES:

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



BRACKET DETAIL

SCALE: 3" = 1'-0"



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	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:

- PAINT ALL HOLLOW METAL DOORS AND FRAMES, METAL STAIRS, STEEL PIPE HANDRAILS/GUARDRAILS, AND ALL OTHER MISCELLANEOUS FERROUS METALS WITHIN EACH SPACE.
- 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	2/A701	SA301		
C102	1	2'-0"	6'-8"	HM	1 3/4"	FP	2	1	HM	8 3/4"	1	2/A701	SA301		
C103	1	3'-0"	7'-0"	HM	1 3/4"	FP	1	1	HM	8 3/4"	1	2/A701	SA301		
N101	1	3'-0"	7'-0"	HM	1 3/4"	FP	1	1	HM	8 3/4"	1	2/A701	SA301		
N102	1	2'-8"	7'-0"	HM	1 3/4"	FP	2	1	HM	8 3/4"	1	2/A701	SA301		
N103	1	3'-0"	7'-0"	HM	1 3/4"	FP	1	1	HM	8 3/4"	1	2/A701	SA301		
P101	1	3'-0"	7'-0"	HM	1 3/4"	FP	3	1	HM	8 3/4"	1	2/A701	SA301		
P102	1	2'-0"	6'-8"	HM	1 3/4"	FP	2	1	HM	8 3/4"	1	2/A701	SA301		
P103	1	3'-0"	7'-0"	HM	1 3/4"	FP	3	1	HM	8 3/4"	1	2/A701	SA301		

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

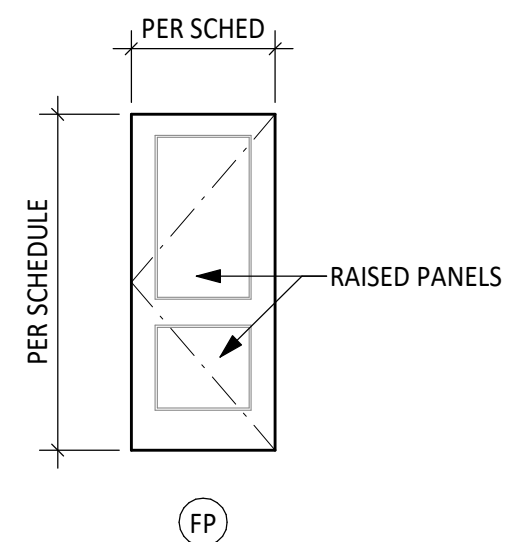
SET 3: DOORS P101, P103

- 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:

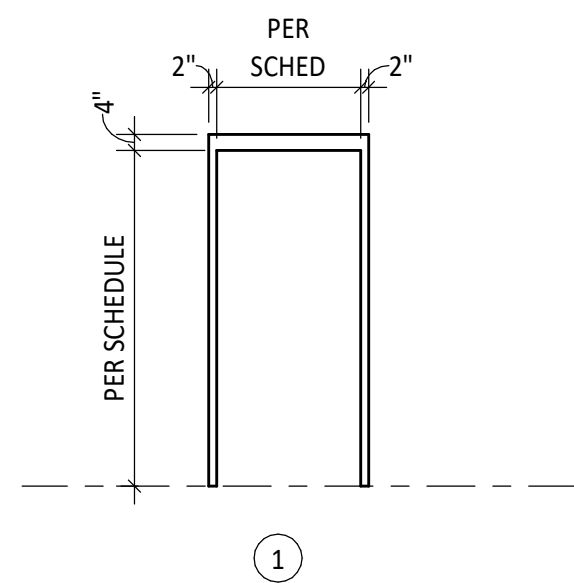
- PROVIDE CONTINUOUS BEAD OF SEALANT AT PERIMETER OF EACH SIDE OF OPENING FRAME. COORDINATE SEALANT TYPE WITH SEALANT SCHEDULED IN SPECIFICATIONS.
- PROVIDE DOORS WITH A 3/4" UNDERCUT (UON).
- INSTALL GLAZED OPENINGS WITH REMOVABLE GLAZING STOP ON SIDE OPPOSITE PUBLIC OCCUPIED AREAS UNLESS OTHERWISE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



NOTE: REFER TO DOOR SCHEDULE FOR DOOR MATERIAL REQUIREMENTS.

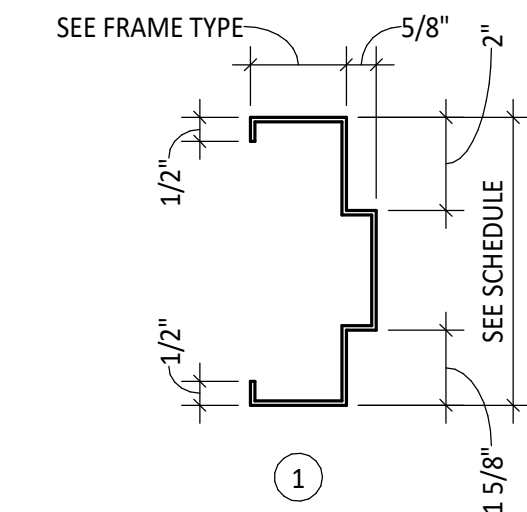
DOOR TYPE

1/4" = 1'-0"



FRAME TYPE

1/4" = 1'-0"

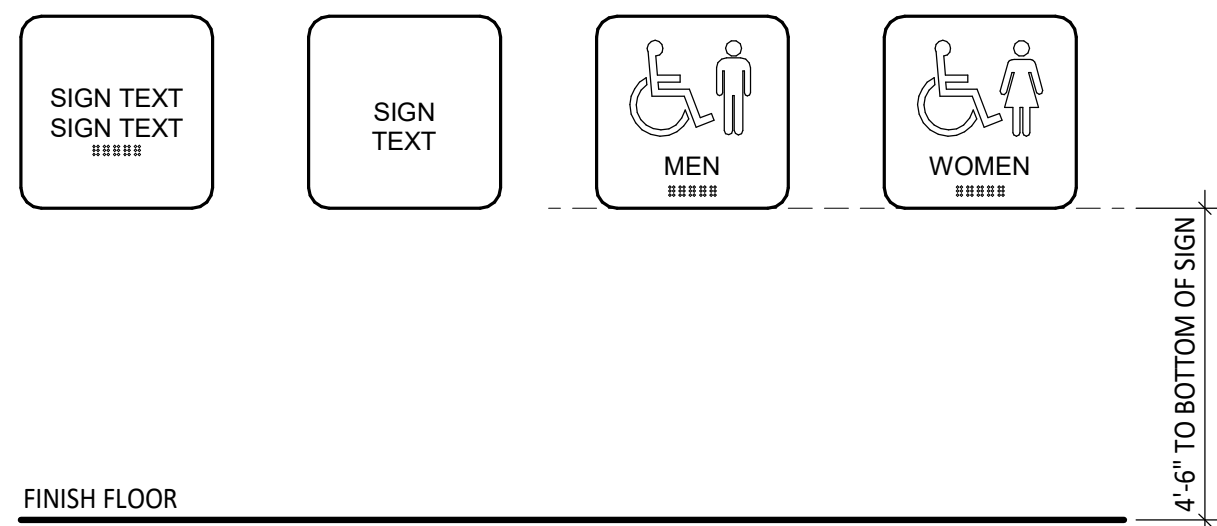
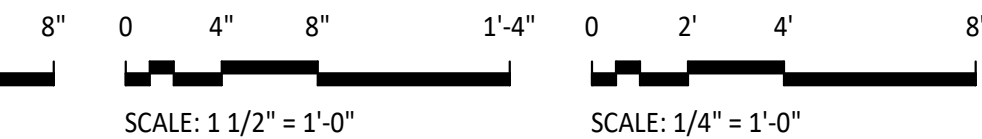


FRAME PROFILES

3" = 1'-0"

SIGNAGE LOCATION

1/4" = 1'-0"



SIGNAGE MOUNTING HEIGHT

1 1/2" = 1'-0"



GYPSY HILL PARK RESTROOM IMPROVEMENTS
STAUNTON, VIRGINIA

FINISH & DOOR SCHEDULES, NOTES, & LEGEND

Purpose of Document Issue	
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Designed	EFS
Drawn	KCF
Checked	EFS
Date	06/23/2023

Project No.	16472
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Sheet No.	A701
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GENERAL

- 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.
- 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.
- THE CONTRACTOR SHALL REFER TO DRAWINGS OF OTHER TRADES AND VENDOR DRAWINGS FOR EMBEDDED ITEMS AND RECESSES NOT SHOWN ON THE STRUCTURAL DRAWINGS.
- 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.
- 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.
- SEE ARCHITECTURAL DRAWINGS FOR THE LOCATION OF WINDOW AND DOOR OPENINGS AND FOR OTHER INFORMATION NOT SHOWN.
- 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

- 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.
- 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.
- UNLESS OTHERWISE NOTED, ALL REINFORCING STEEL SHALL BE GRADE 60, DEFORMED BARS, CONFORMING TO ASTM A-615.
- REINFORCING STEEL SHALL NOT BE WELDED UNLESS APPROVED BY THE ENGINEER.
- 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).
- UNLESS OTHERWISE NOTED ON THE DRAWINGS OR IN THE SPECIFICATIONS, ALL CONCRETE COVER FOR REINFORCING STEEL SHALL BE AS FOLLOWS:
 - 3" FOR CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH.
 - 1 1/2" FOR #5 BARS AND SMALLER FOR CONCRETE EXPOSED TO EARTH OR WEATHER.
- ALL BAR SPLICES SHALL BE CLASS "B" TENSION SPLICES UNLESS OTHERWISE NOTED.
- 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 (L_d).
- CHAMFER ALL EXPOSED EXTERNAL CORNERS OF CONCRETE WITH 3/4" X 45 DEGREE CHAMFER UNLESS NOTED OTHERWISE.
- UNLESS OTHERWISE NOTED, REINFORCE ALL CONCRETE SLABS-ON-GRADE WITH 6X6 - W2.9 X W2.9 WELDED WIRE FABRIC.
- 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.

- UNLESS NOTED OTHERWISE, THE TOP COURSE OF ALL CONCRETE MASONRY WALLS SHALL BE A BOND BEAM REINFORCED WITH 2-#4 REINFORCING BARS.
- BOND BEAMS SHALL BE CONTINUOUS THROUGH ALL CORNERS AND SHALL TIE ALL WALL TERMINATIONS TO THE PERPENDICULAR WALL AT WALL INTERSECTIONS.
- 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.
- 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.
- ALL CONCRETE MASONRY WALLS SHALL HAVE JOINT REINFORCEMENT, AS DEFINED IN THE SPECIFICATIONS, PLACED HORIZONTALLY ON 16" CENTERS. REINFORCEMENT SHALL EXTEND INTO INTERSECTING WALLS.
- GROUT FILL ALL CELLS OF CONCRETE MASONRY WALLS BELOW GRADE. GROUT FILL ALL CAVITIES BELOW GRADE IN MULTI-WYTHE WALLS.

RENOVATION AND EXISTING STRUCTURES

- 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.
- 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.
- THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE OF ANY EXISTING CONDITIONS THAT DIFFER FROM THOSE INDICATED ON THE DRAWINGS.

WOOD

- 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.
- 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).
- SEE THE ARCHITECTURAL DRAWINGS FOR SUPPLEMENTARY INFORMATION.
- 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.
- 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.

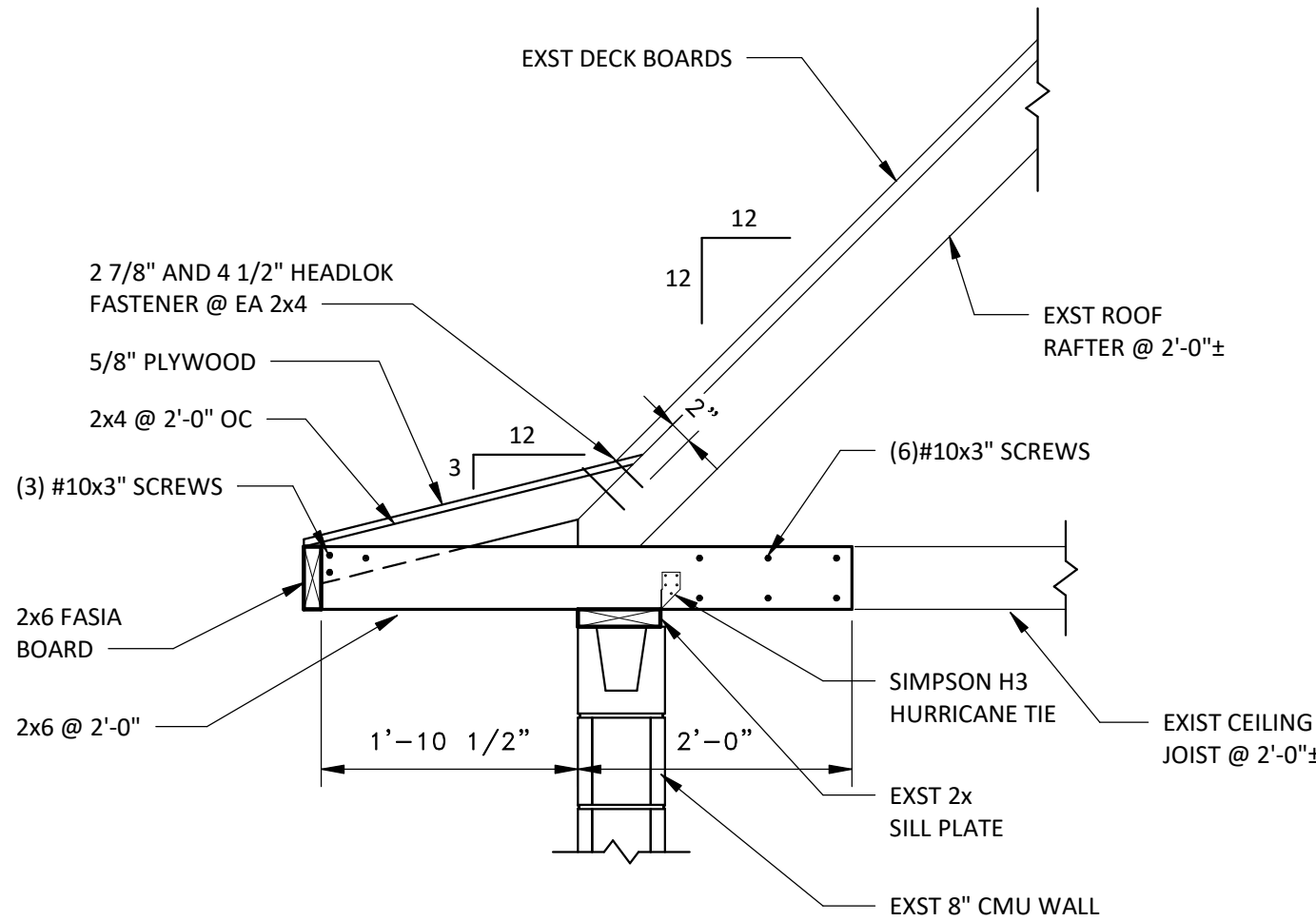
WOOD TRUSSES

- 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.
- THE TRUSSES SHALL BE DESIGNED FOR A ROOF SNOW LOAD OF 36.2 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.
- 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.
- SEE THE ARCHITECTURAL DRAWINGS FOR SUPPLEMENTARY INFORMATION.

DESIGN CRITERIA

- GOVERNING CODES:**
2018 VIRGINIA CONSTRUCTION CODE (VCC), PART 1 OF
VIRGINIA UNIFORM STATEWIDE BUILDING CODE (USBC) EFFECTIVE JULY 1, 2021
- ROOF LOADS**
ROOFING 2 PSF
SHEATHING 3 PSF
FRAMING 3 PSF
INSULATION 2 PSF
SUSPENDED CEILING 2 PSF
SUSPENDED UTILITIES (MEP) 2 PSF

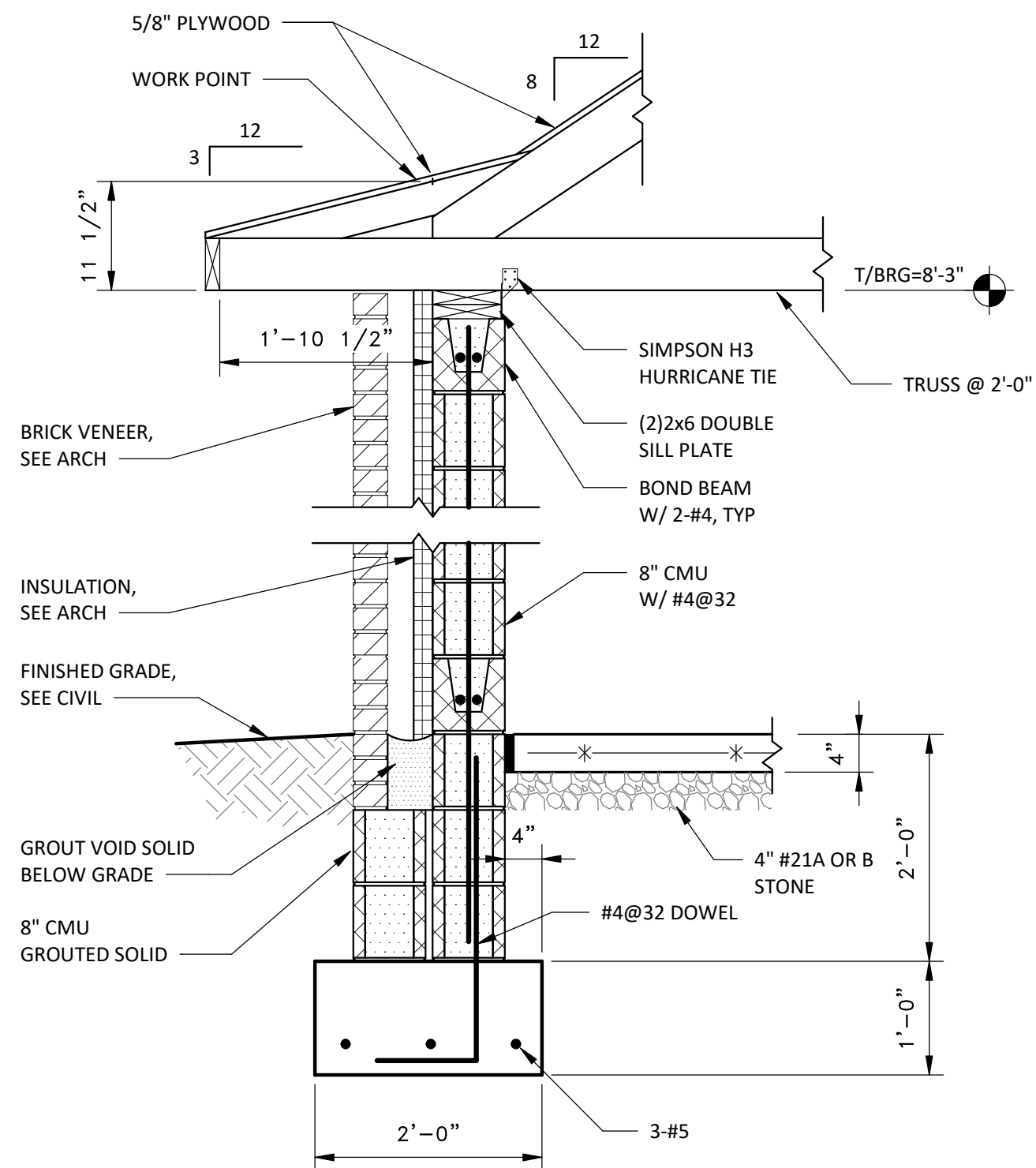
LIVE LOAD 20 PSF
- SNOW LOADS**
GROUND SNOW LOADS (P_g) 43 PSF
FLAT ROOF SNOW LOAD (P_f) 36.2 PSF
RISK CATEGORY II
SNOW IMPORTANCE FACTOR (I_s) 1.0
SNOW EXPOSURE FACTOR (C_e) 1.0
THERMAL FACTOR (C_t) 1.2
- WIND LOADS**
ULTIMATE DESIGN WIND SPEED 109 MPH
NOMINAL DESIGN WIND SPEED 85 MPH
EXPOSURE CATEGORY C
EXPOSURE CATEGORY RISK CATEGORY II
INTERNAL PRESSURE COEFFICIENT (GC_{pi}) ±0.18
ASD COMPONENT AND CLADDING PRESSURE (ROOF) +12/-37 PSF
ASD COMPONENT AND CLADDING PRESSURE (WALL) +12/-37 PSF
(POSITIVE INDICATES PRESSURE ACTING TOWARD SURFACE AND NEGATIVE INDICATES PRESSURE ACTING AWAY FROM THE SURFACE)
- SEISMIC LOADS:**
MAPPED SPECTRAL RESPONSE ACCELERATION (SHORT PERIOD), S_s 0.143
MAPPED SPECTRAL RESPONSE ACCELERATION (1-SEC), S₁ 0.054
DESIGN SPECTRAL RESPONSE ACCELERATION (SHORT PERIOD), S_{DS} 0.153
DESIGN SPECTRAL RESPONSE ACCELERATION (1-SEC), S₀₁ 0.087
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, W₀ 2.5
DEFLECTION AMPLIFICATION FACTOR, C_d 2.25
SEISMIC RESPONSE COEFFICIENT, C_s 0.104
PROCEDURE USED EQUIVALENT LATERAL FORCE



SECTION 4

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

S100/S001

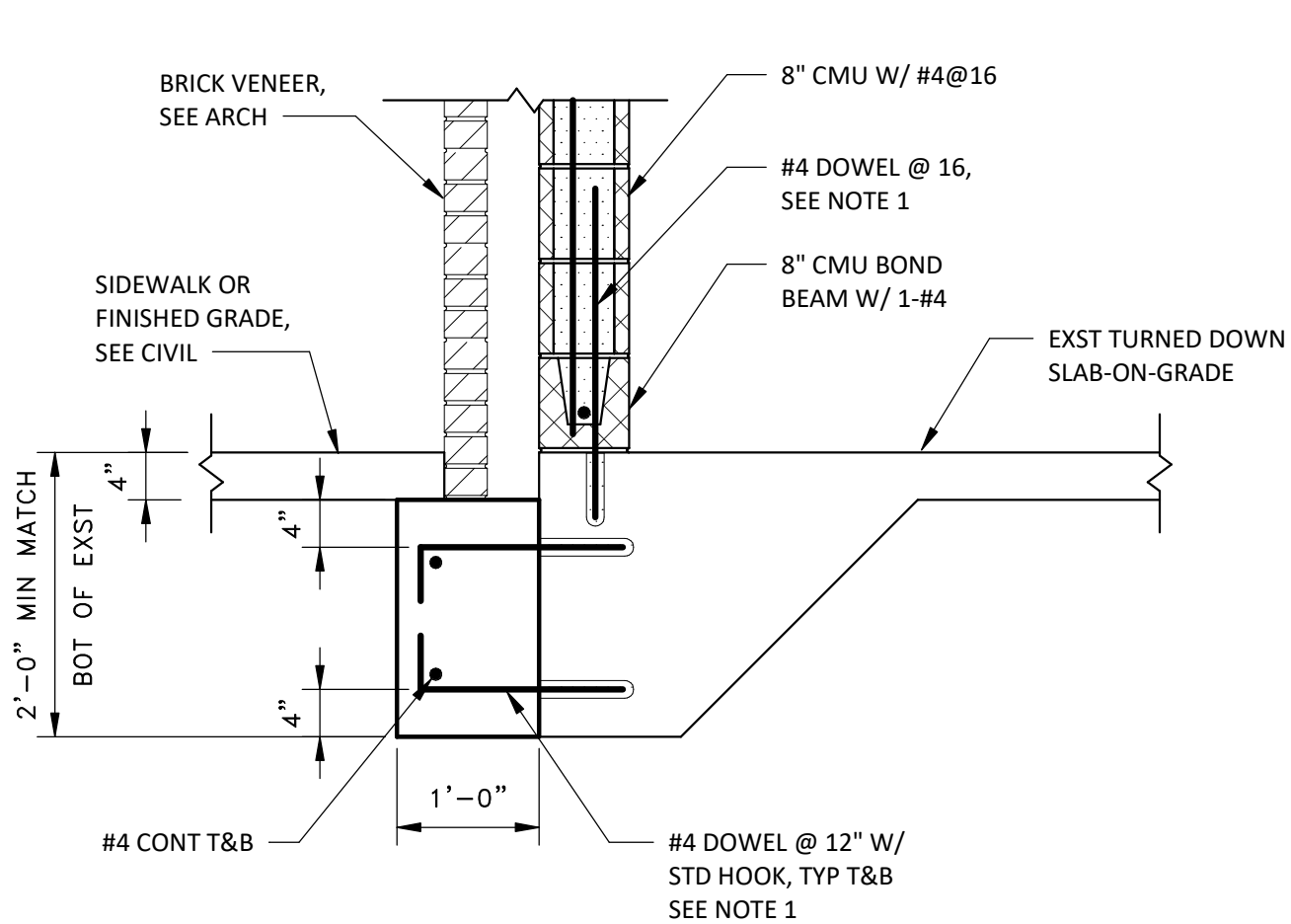


SECTION 5

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

S100/S001

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

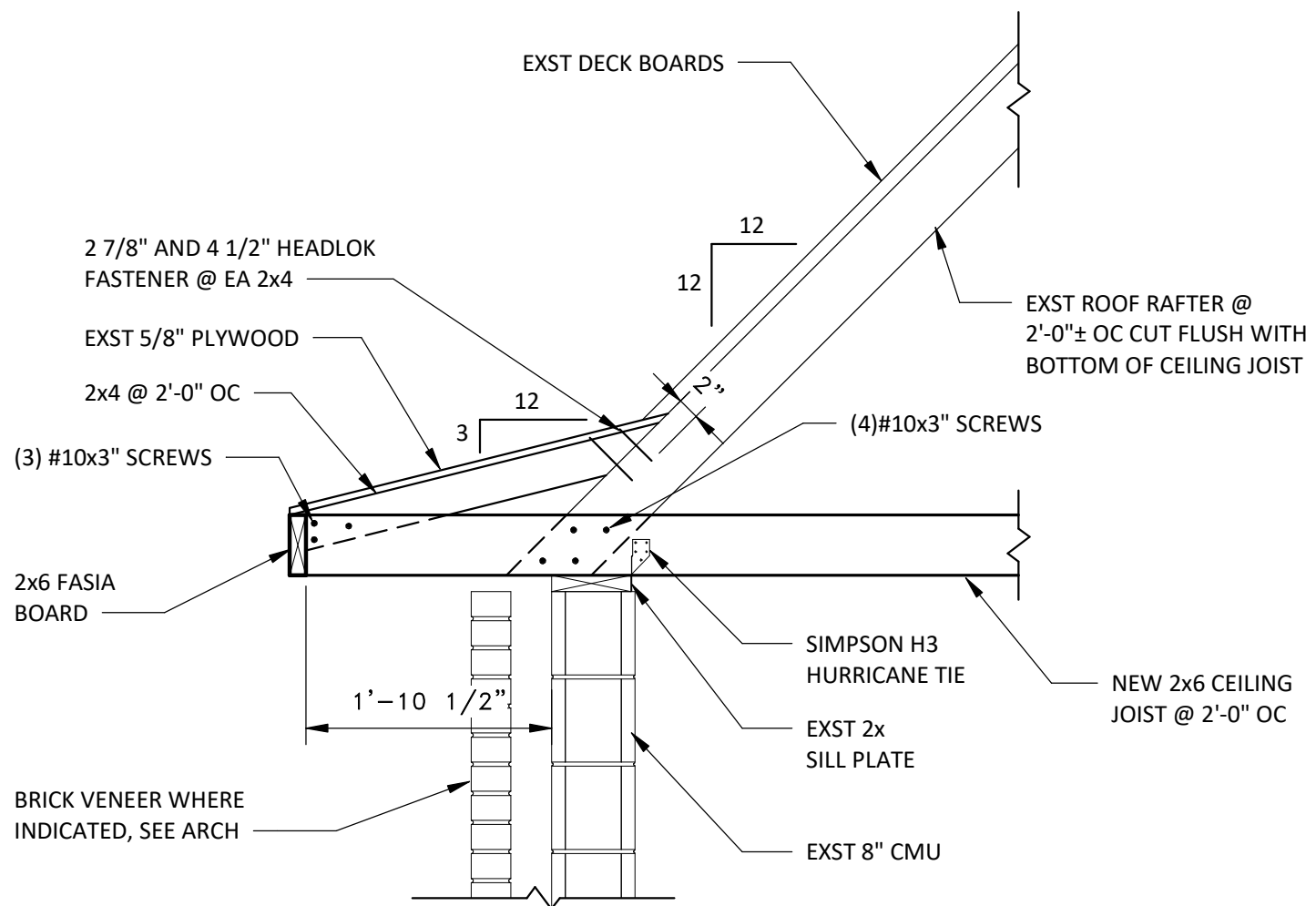


- NOTES:
- DRILL AND EPOXY DOWELS USING HILTI HIT HY-200 ADHESIVE ANCHORING SYSTEM OR APPROVED EQUAL.

SECTION 1

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

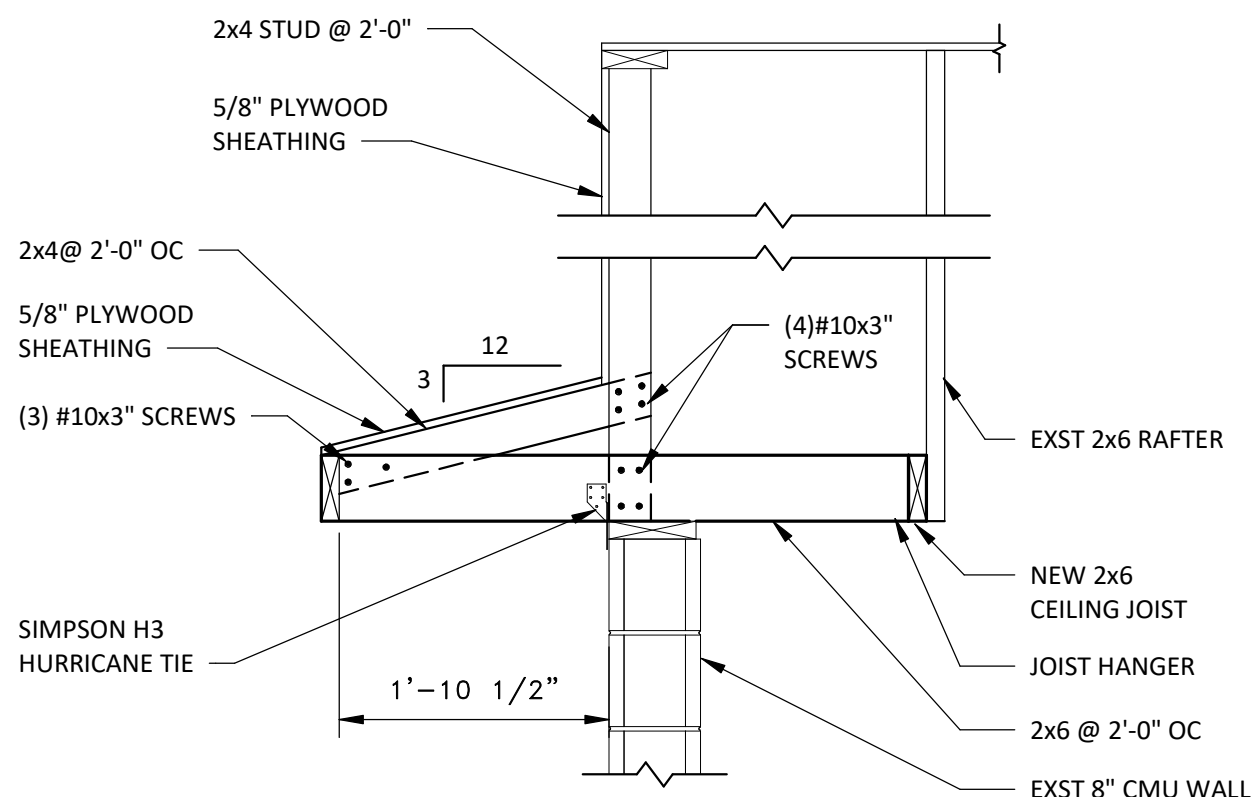
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SECTION 2

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

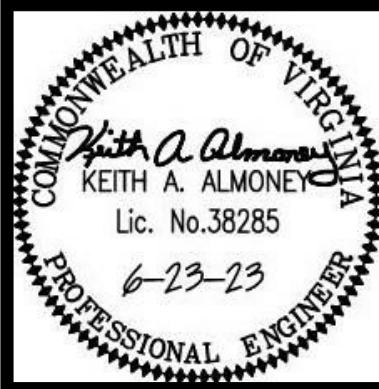
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SECTION 3

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

S100/S001



GYPSY HILL PARK RESTROOM IMPROVEMENTS
STAUNTON, VIRGINIA
GENERAL NOTES, DESIGN CRITERIA, SECTIONS
AND DETAILS

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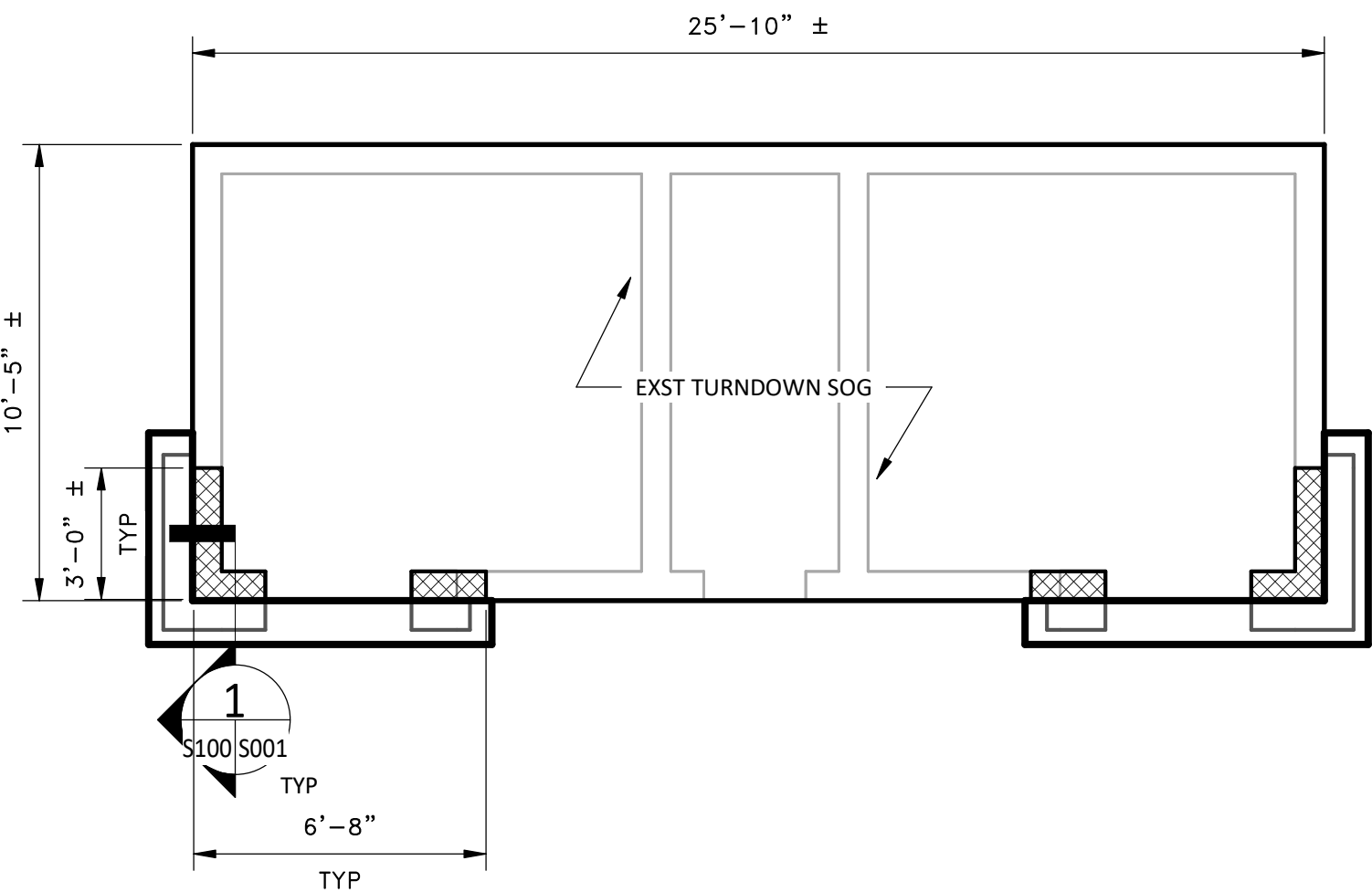
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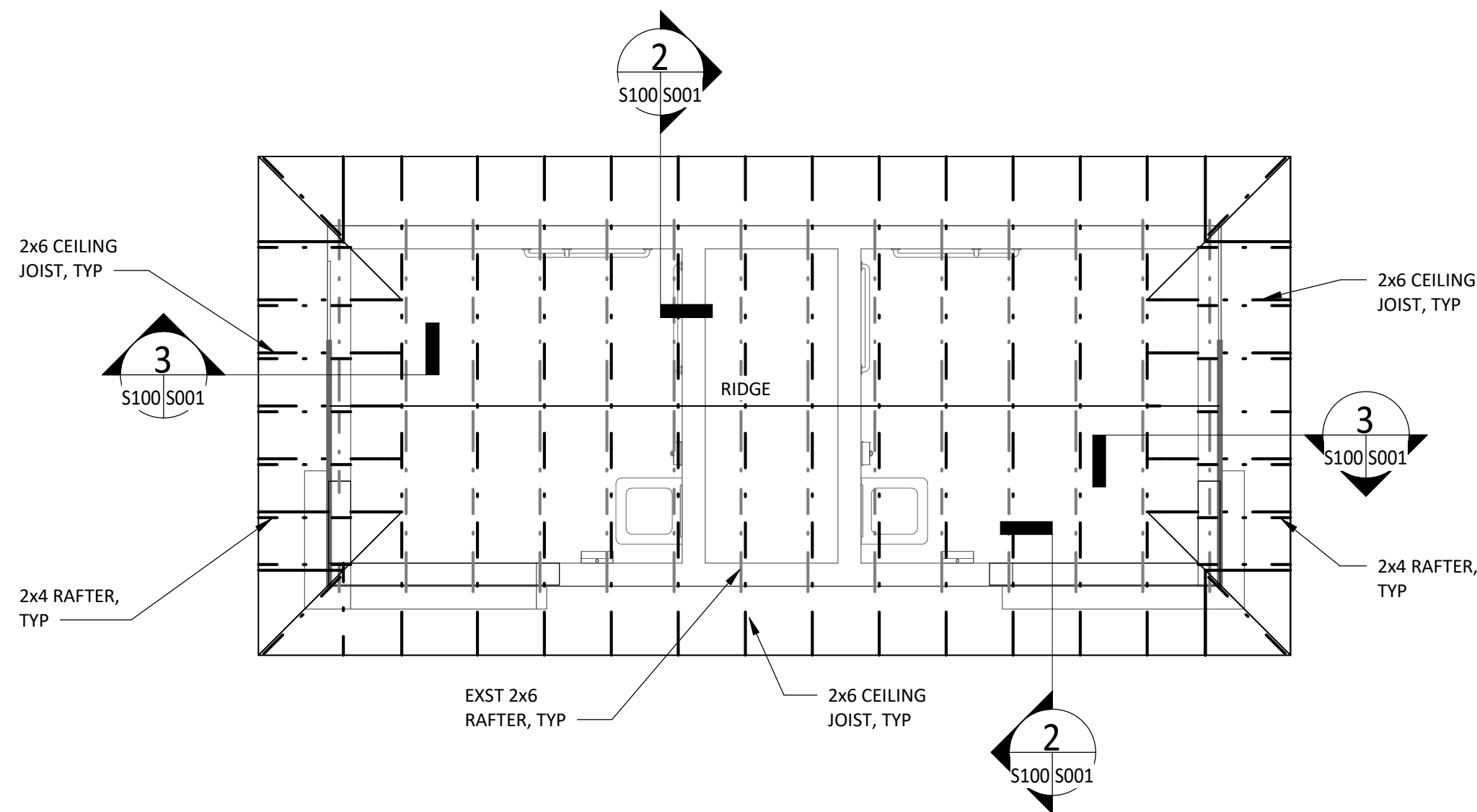


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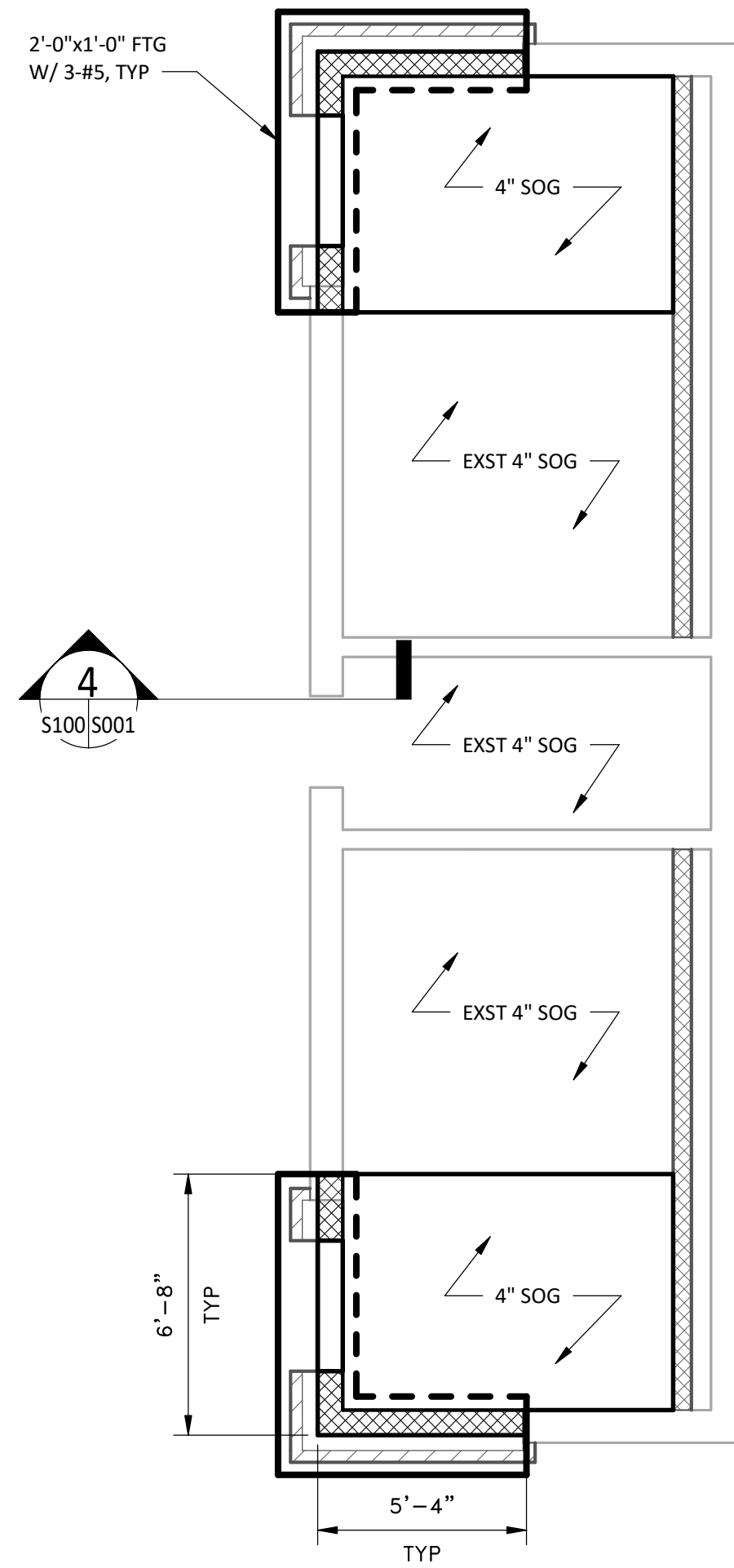
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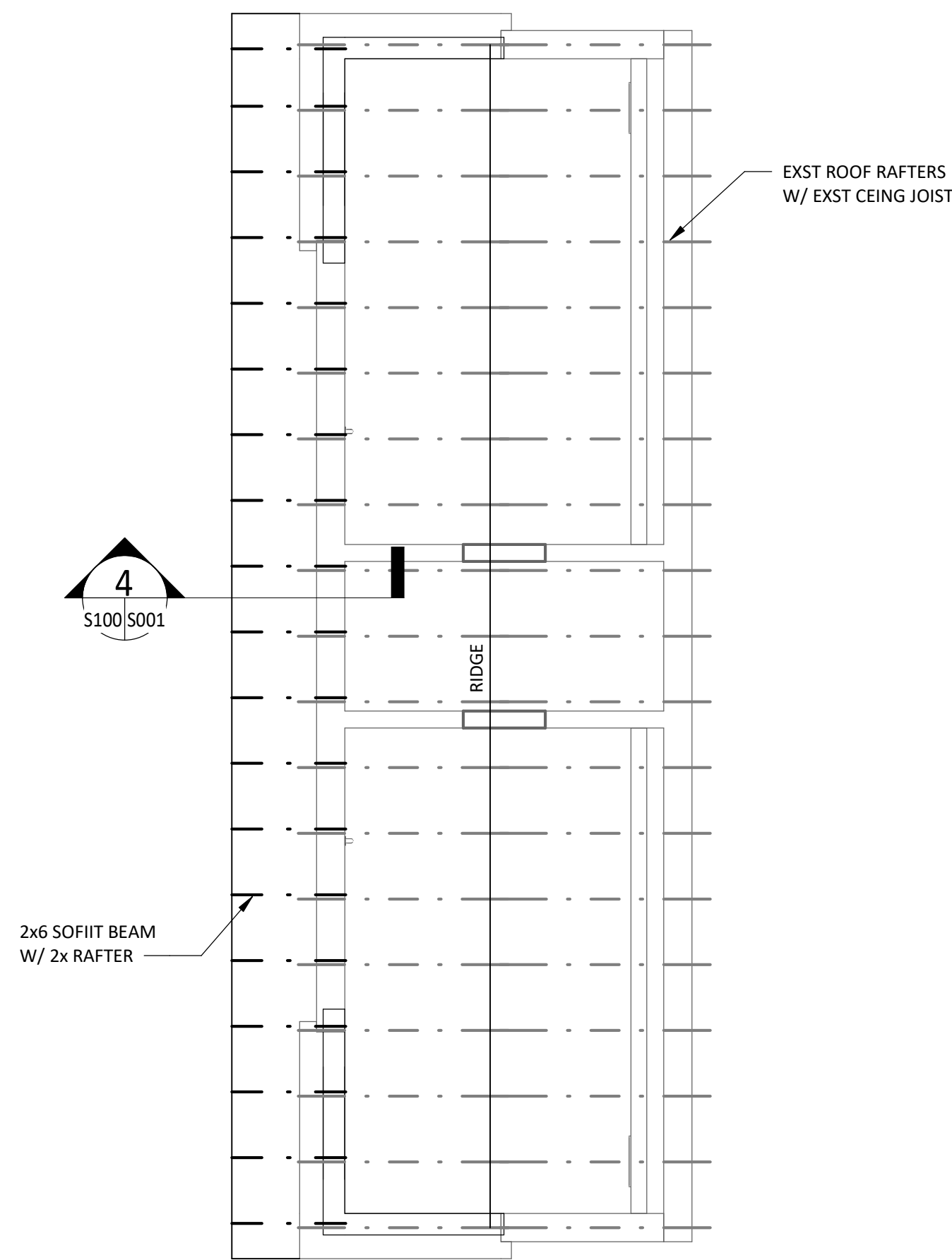
FOUNDATION/SLAB PLAN-POOL RESTROOM
1/4" = 1'-0"
PLAN NORTH



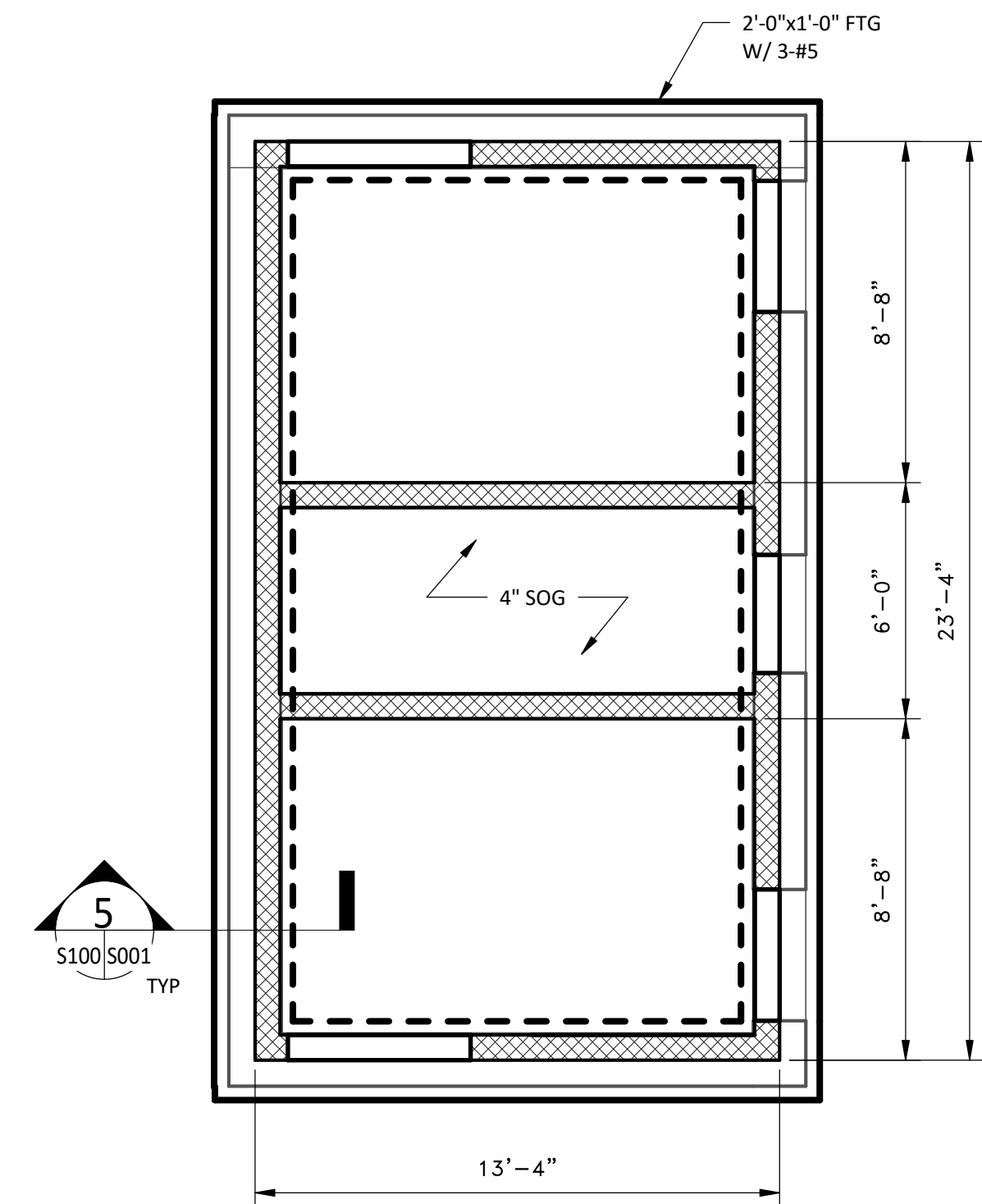
FRAMING PLAN-POOL RESTROOM
1/4" = 1'-0"
PLAN NORTH



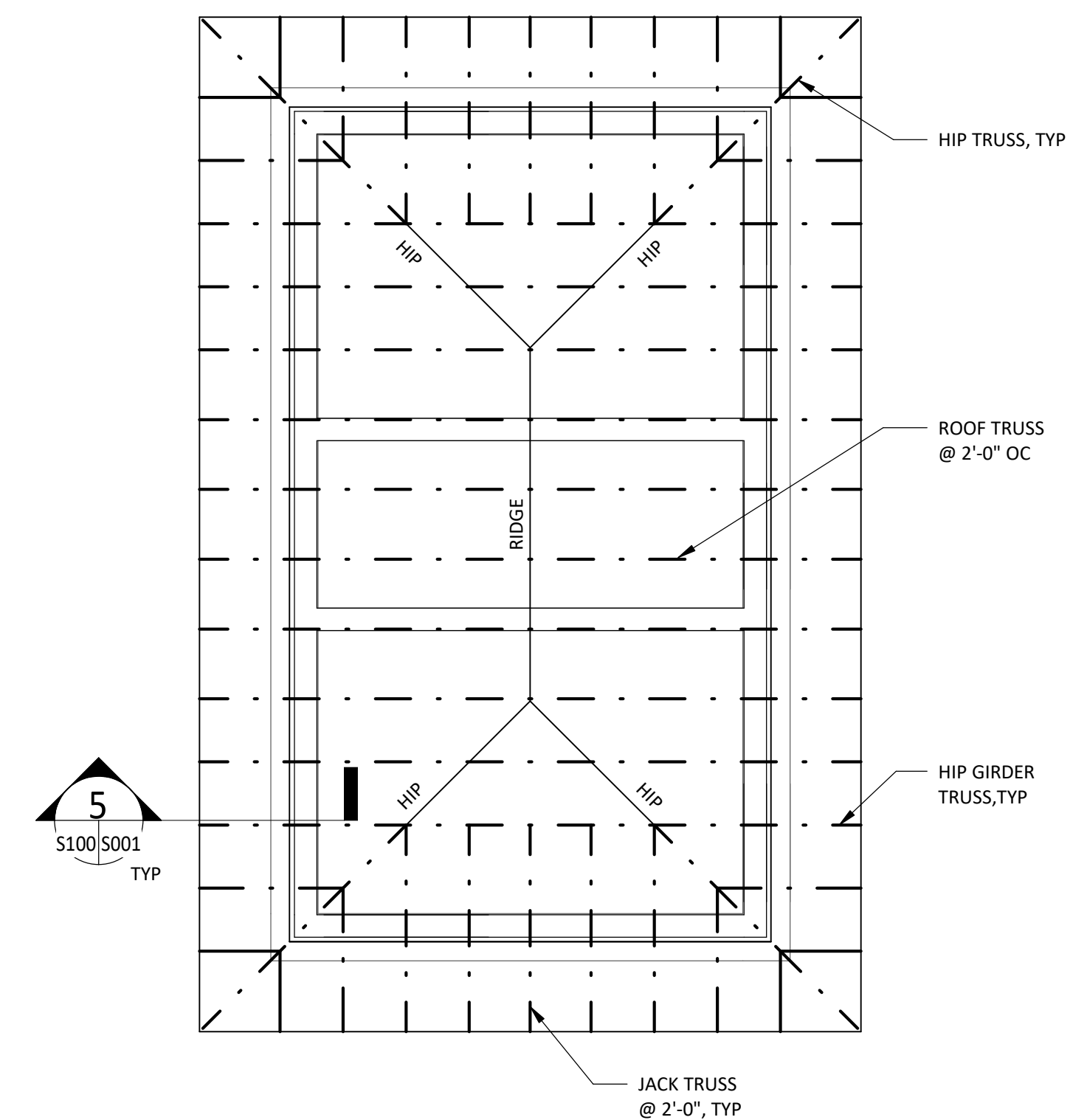
FOUNDATION/SLAB PLAN-CONCESSIONS RESTROOM
1/4" = 1'-0"
PLAN NORTH



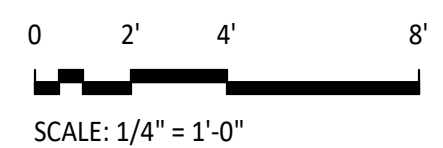
FRAMING PLAN-CONCESSIONS RESTROOM
1/4" = 1'-0"
PLAN NORTH



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



FRAMING PLAN-NORTH RESTROOM
1/4" = 1'-0"
PLAN NORTH



GYPSY HILL PARK RESTROOM IMPROVEMENTS
STAUNTON, VIRGINIA
FOUNDATION/SLAB AND FRAMING PLANS

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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 USB 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.

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 THAN 1/8" PER FOOT, USING ¾" 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.

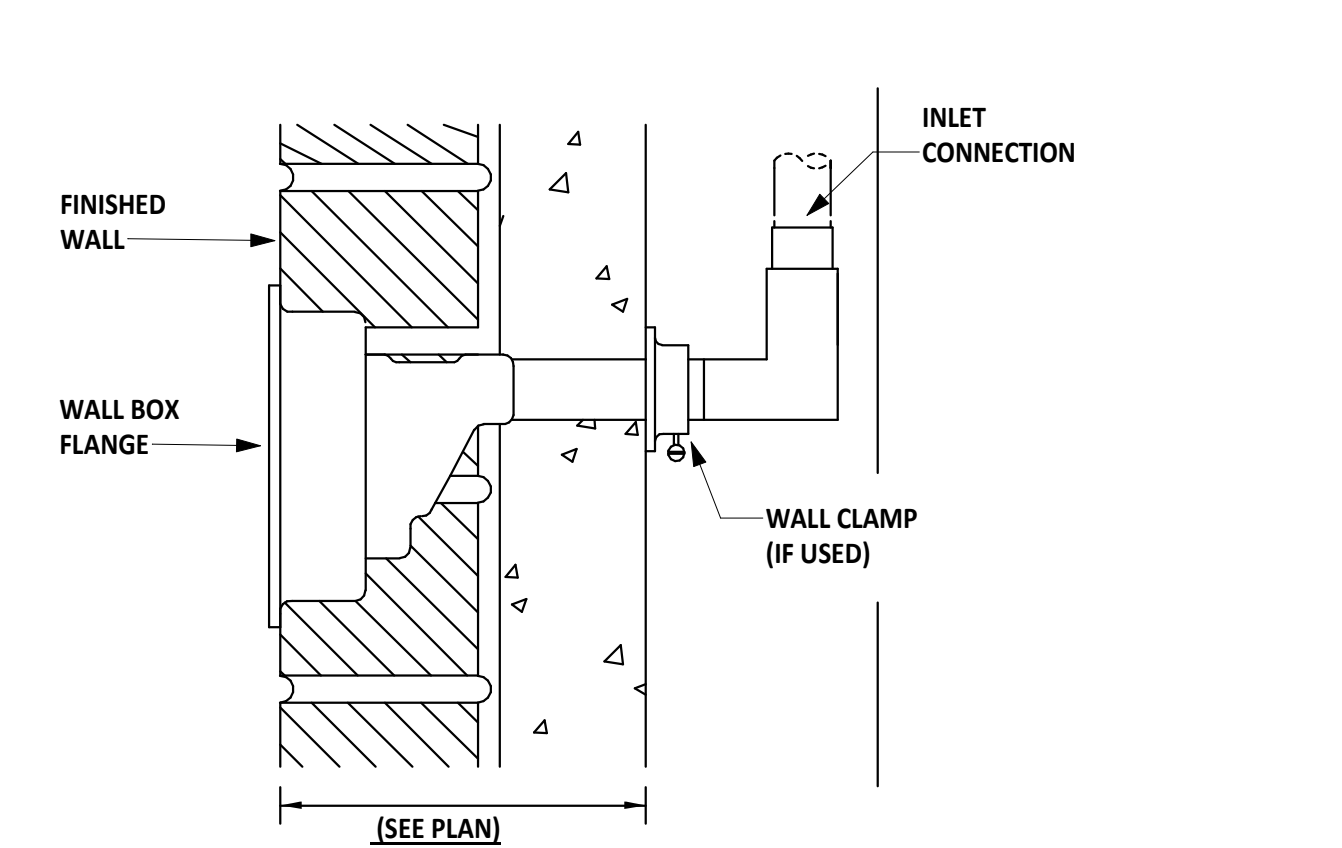
3.09. AS-BUILT DRAWINGS:

- 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

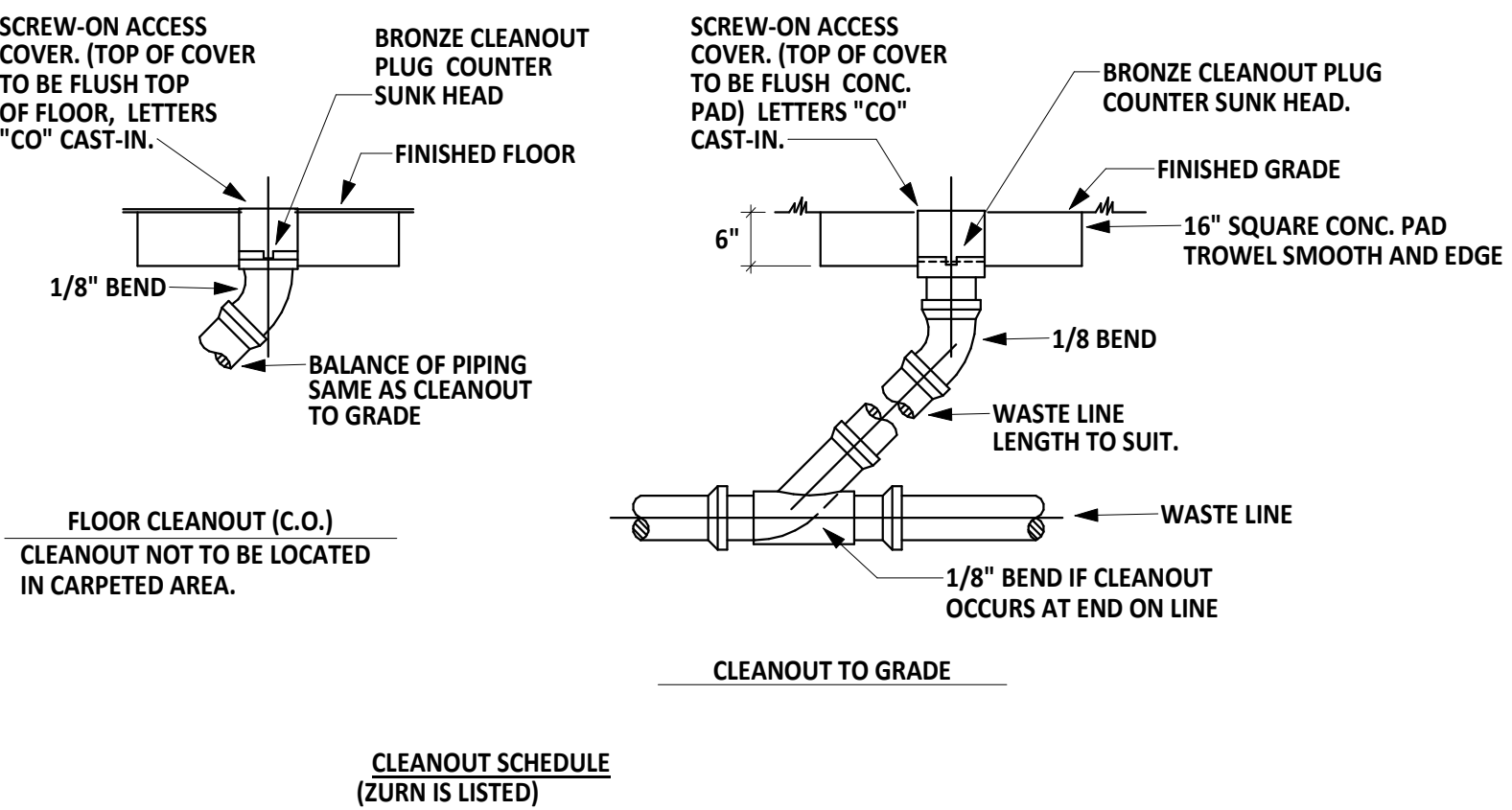
P-1	WATER CLOSET (H.C.)	ETW-1490-ES-ADA "WILLOUGHBY" ADA 16-3/4" HIGH, ELONGATED BOWL, STAINLESS STEEL, REAR MOUNTED; WALL MOUNTED 1.28GPF FLUSH VALVE WITH ELECTRONIC PUSH BUTTON
P-2	WATER CLOSET	ETW-1490-ES "WILLOUGHBY" ELONGATED BOWL, STAINLESS STEEL; REAR MOUNTED; WALL MOUNTED 1.28GPF FLUSH VALVE 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"	--	--	--	



CLEANOUT DETAIL W/ SCHEDULE



GYPSY HILL PARK RESTROOM IMPROVEMENTS
 STAUNTON, VIRGINIA
 GENERAL NOTES, DETAILS, SCHEDULES & SPECIFICATION

No.	Date	Purpose of Document/Issue

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Date	06/23/23

Project No.	16472
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GYPSY HILL PARK RESTROOM IMPROVEMENTS
STAUNTON, VIRGINIA
BATHROOMS PLUMBING & MECHANICAL
PLANS

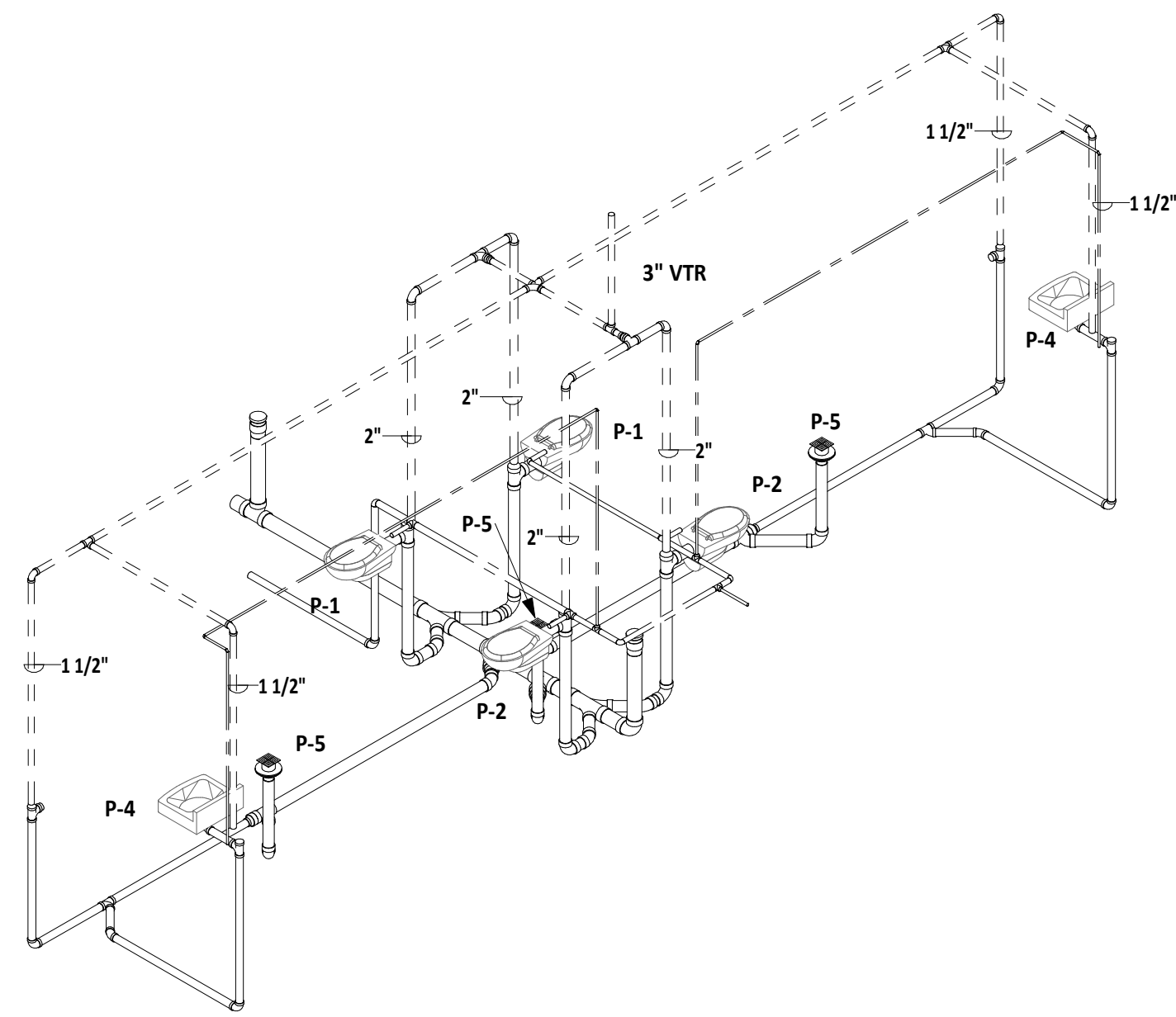
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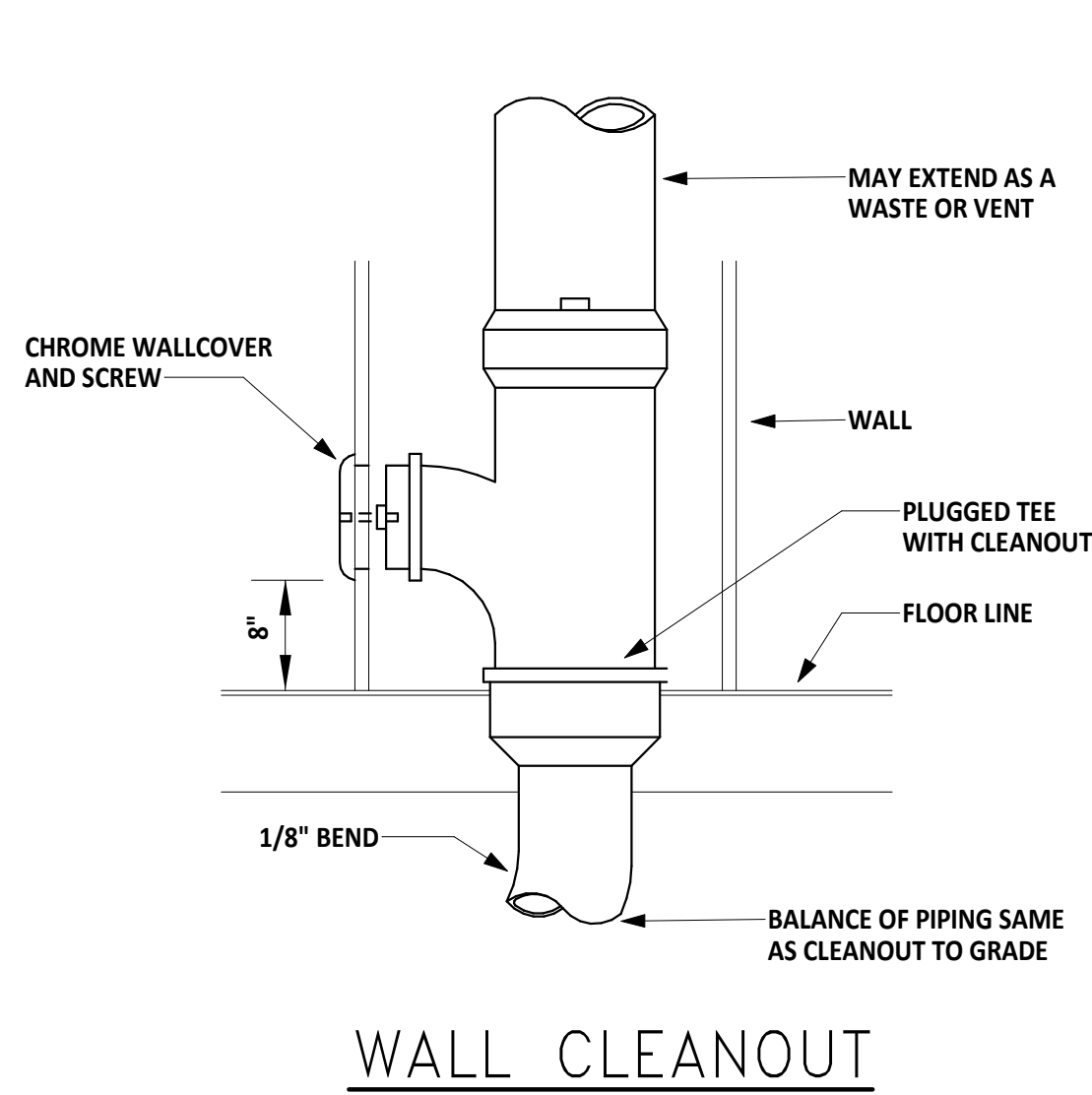
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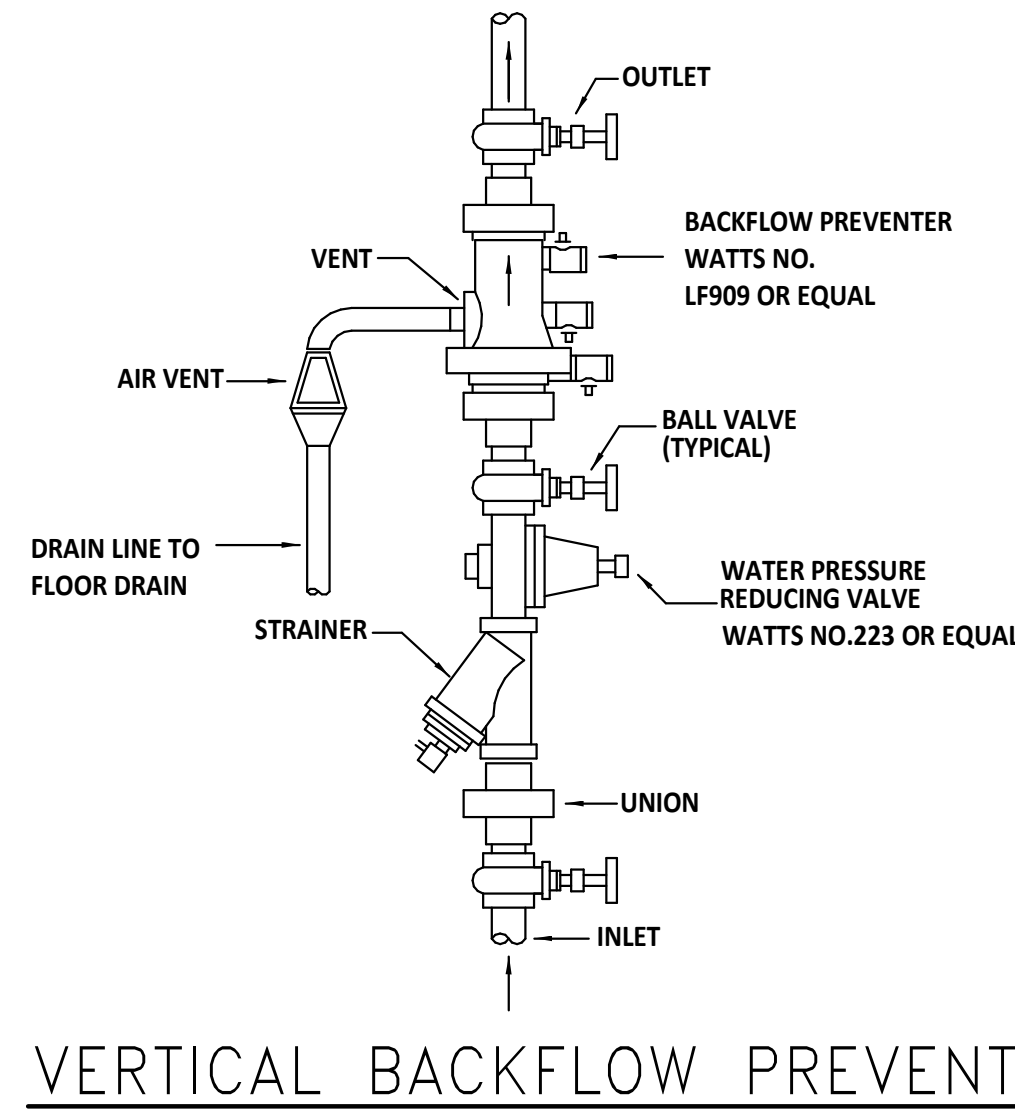
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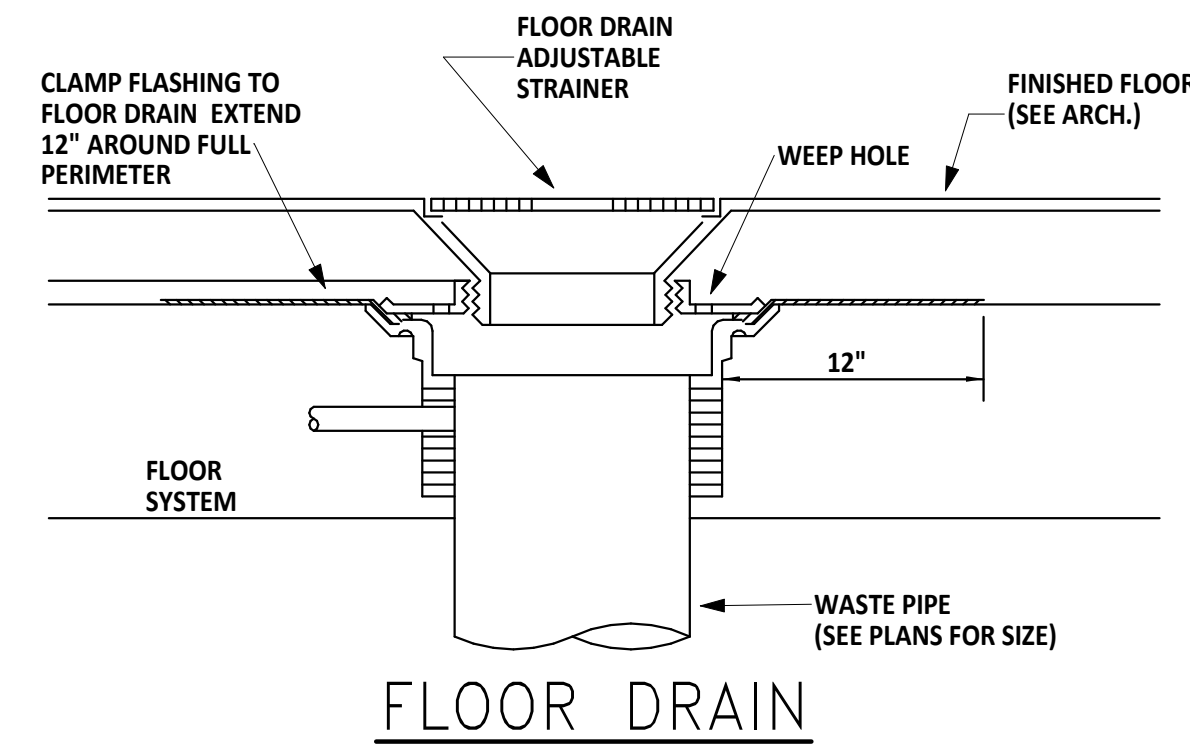
CONCESSION RESTROOMS - RISER DIAGRAM
PLAN NORTH



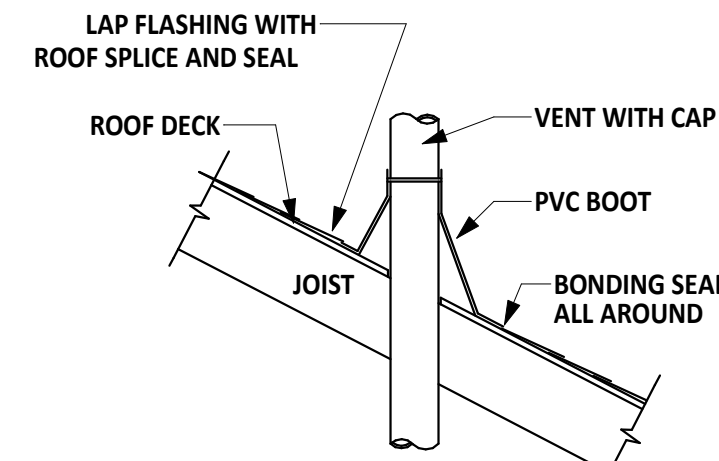
WALL CLEANOUT



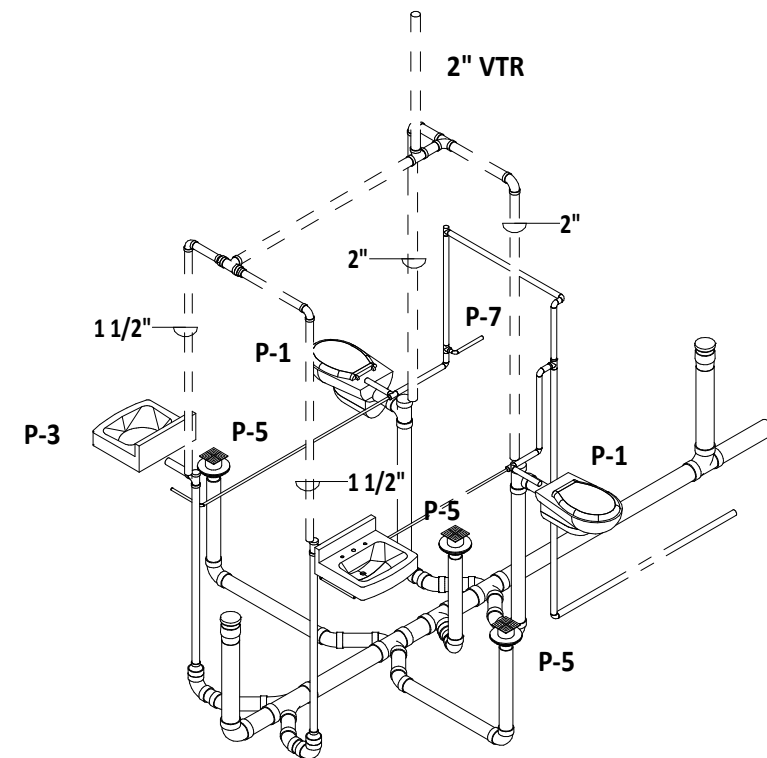
VERTICAL BACKFLOW PREVENTER



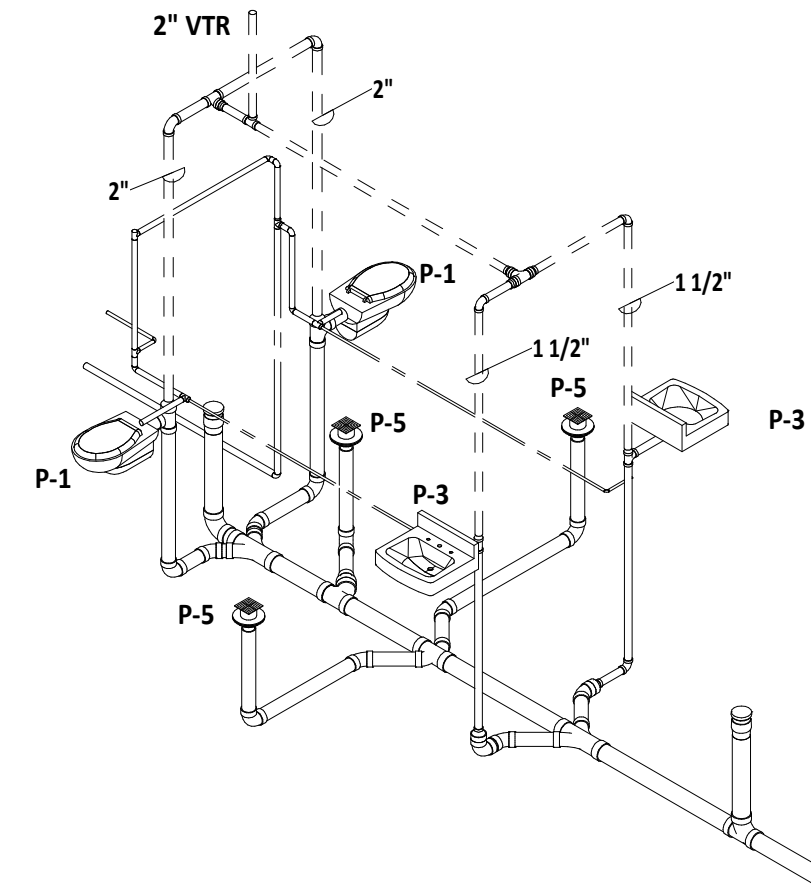
FLOOR DRAIN



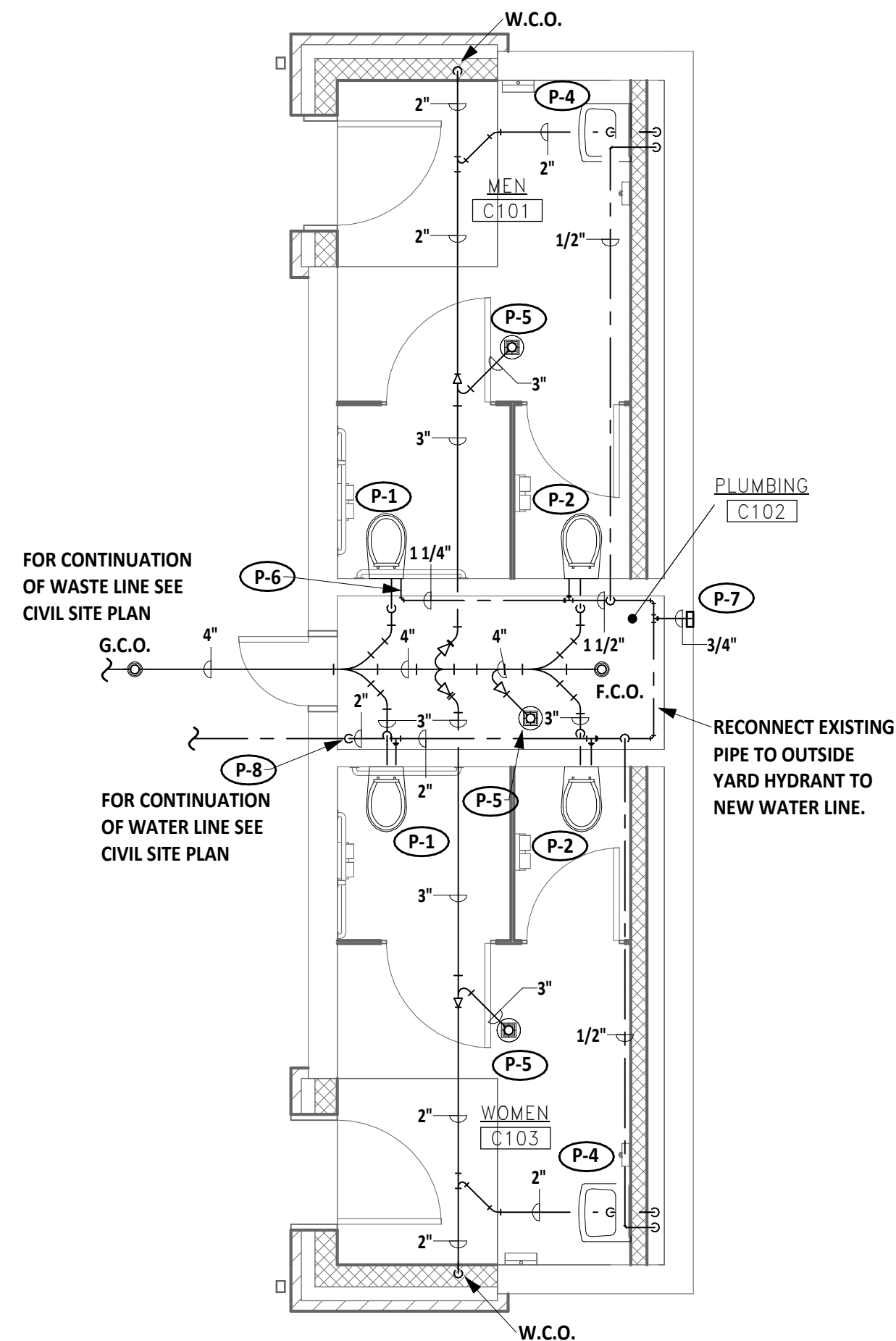
PLUMBING VENT THRU ROOF



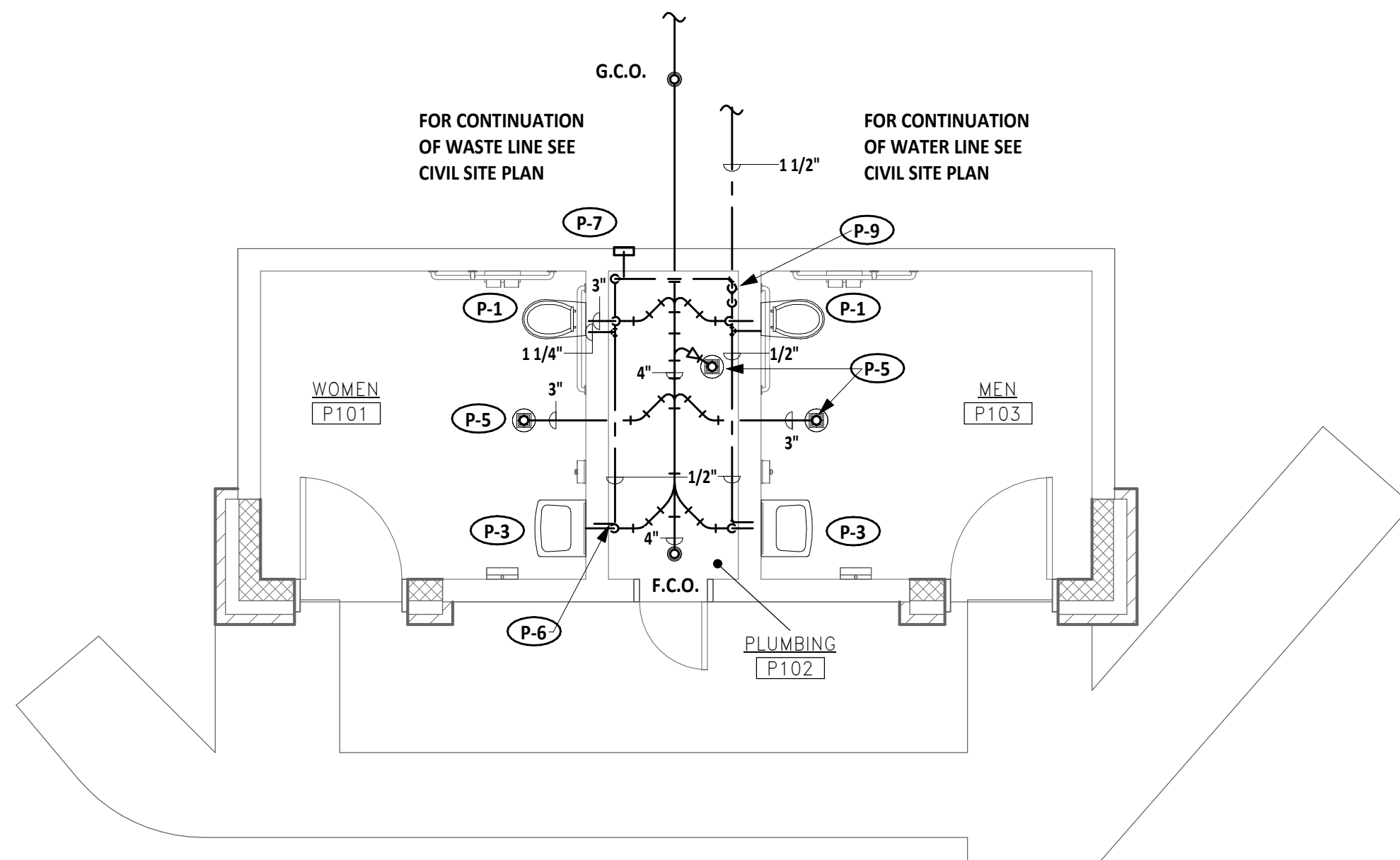
POOL RESTROOM - RISER DIAGRAM
PLAN NORTH



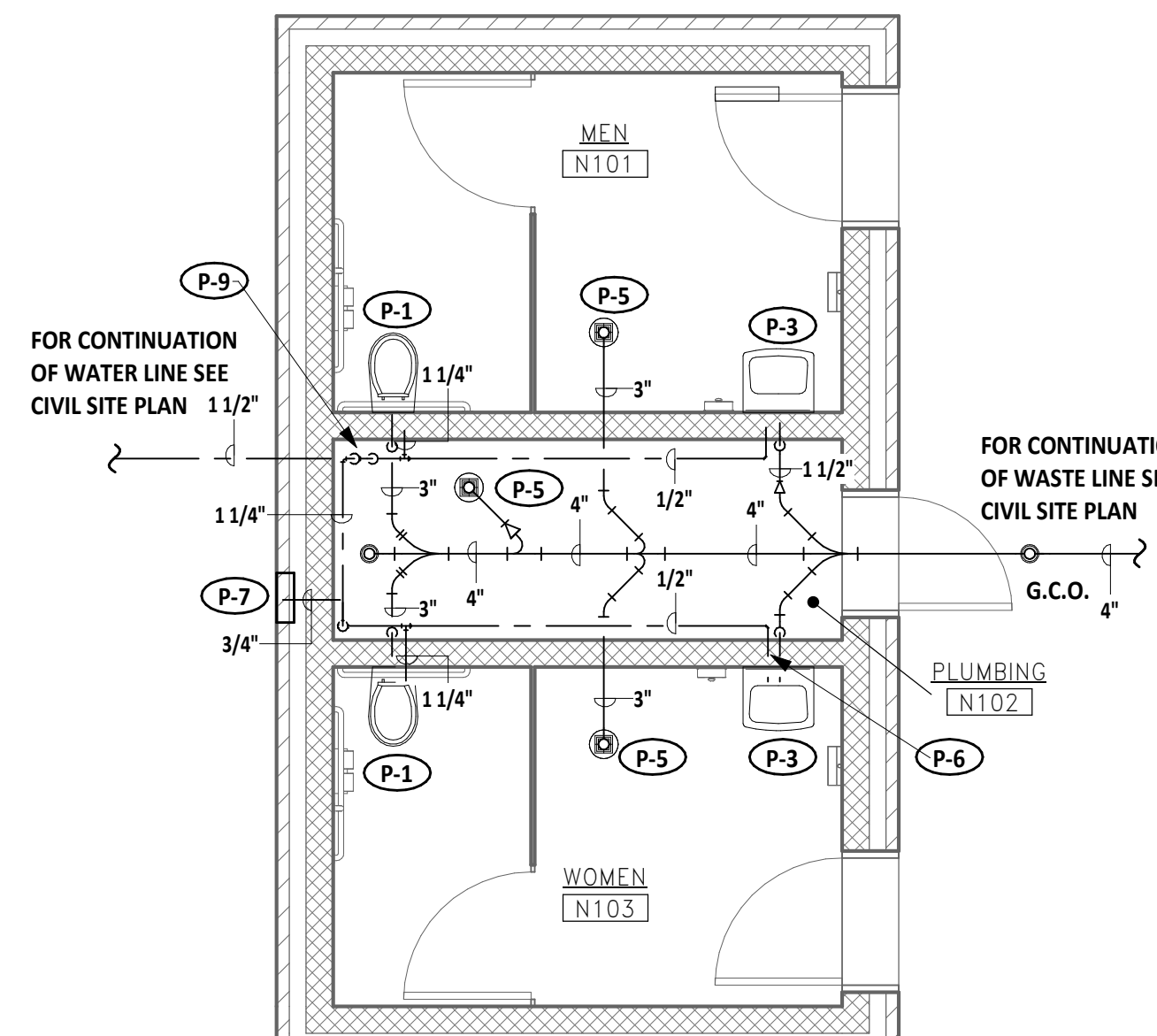
NORTH RESTROOM - RISER DIAGRAM
PLAN NORTH



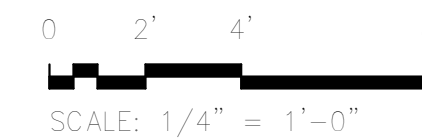
CONCESSION RESTROOMS - PLUMBING PLAN
1/4" = 1'-0"
PLAN NORTH



POOL RESTROOMS - PLUMBING PLAN
1/4" = 1'-0"
PLAN NORTH

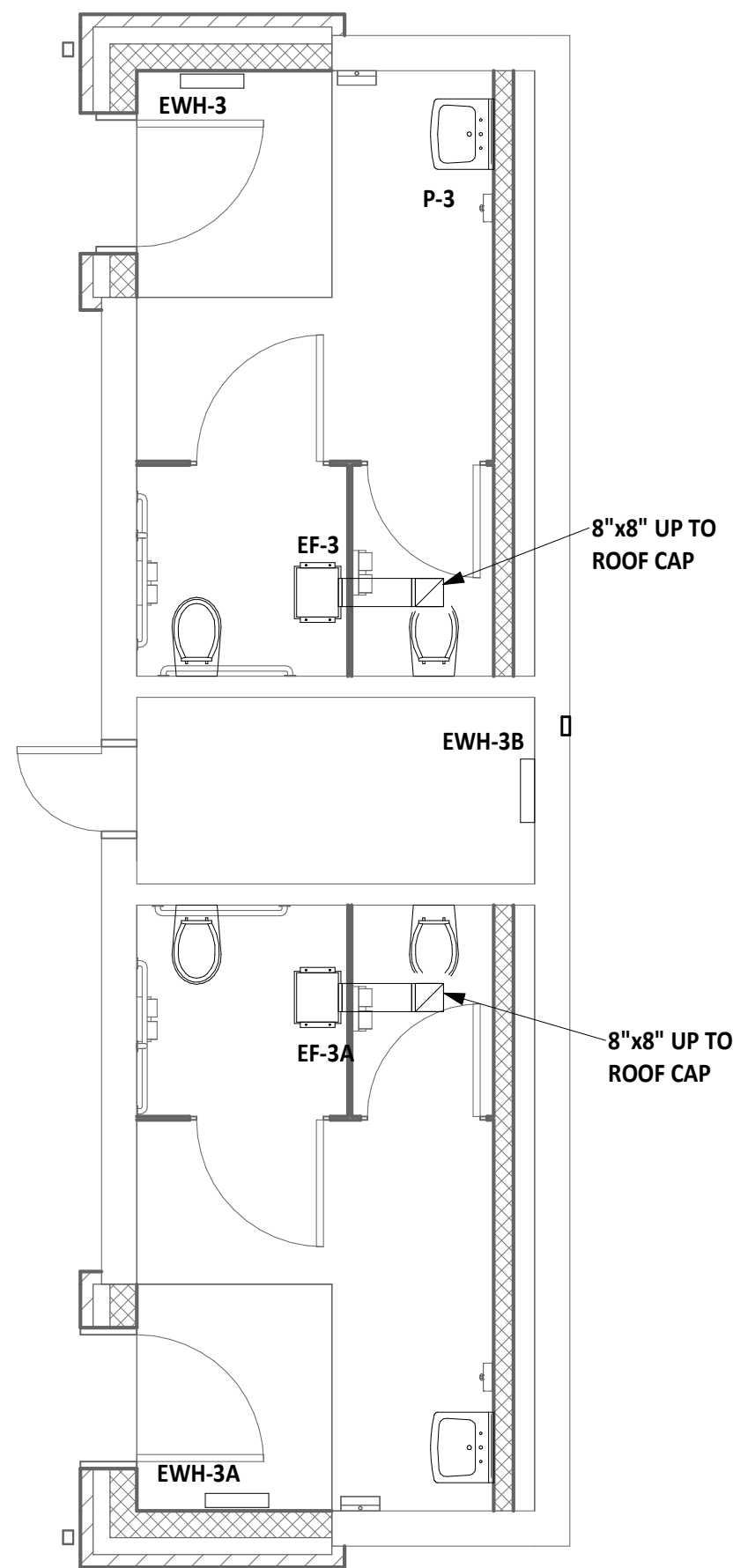


NORTH RESTROOMS - PLUMBING PLAN
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PLAN NORTH

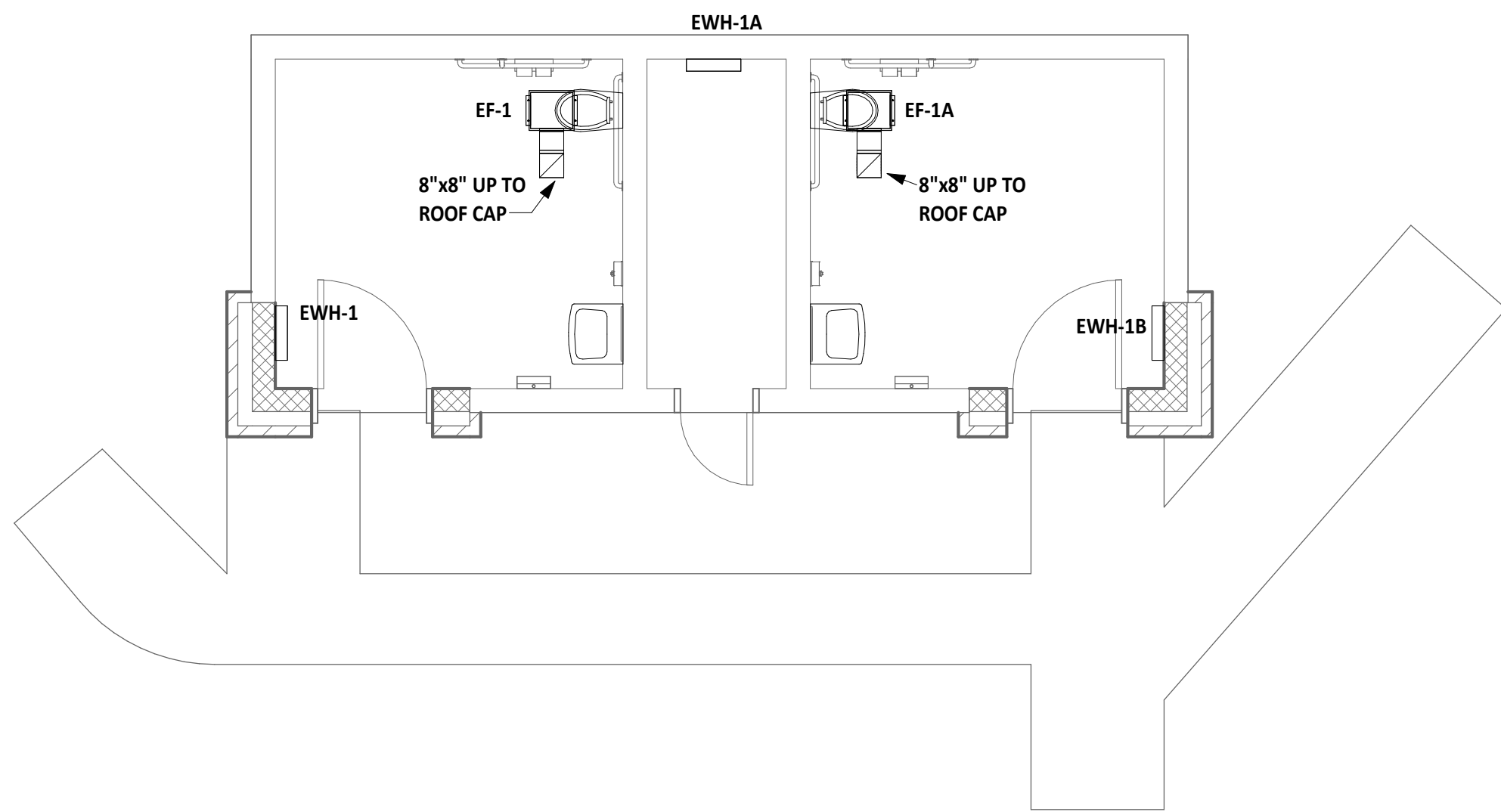


PLUMBING LEGEND	
—	SANITARY
- - -	VENT
—	COLD WATER
○	CLEANOUT
○	C.O.
○	F.C.O.
○	OR
○	PIPE TURN DOWN
○	PIPE TURN UP

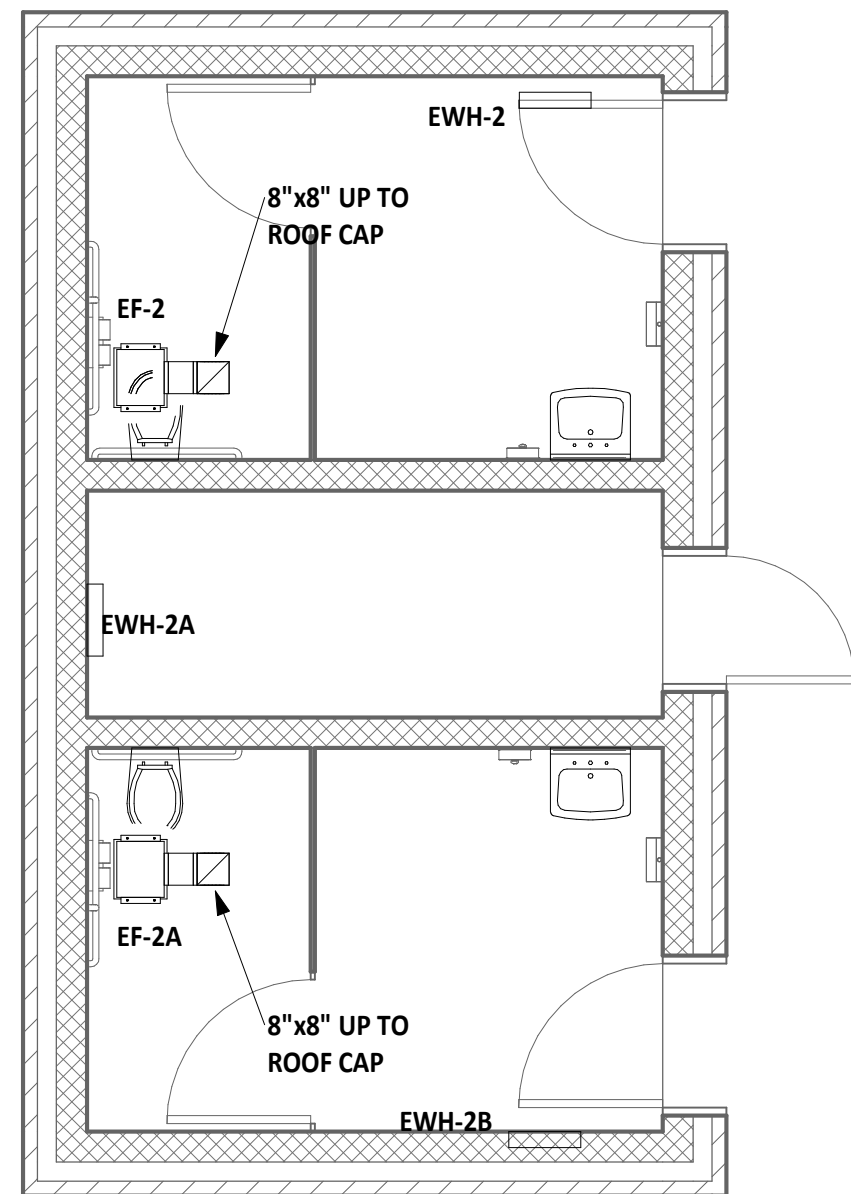
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CONCESSION RESTROOMS – MECHANICAL PLAN
1/4" = 1'-0"
PLAN NORTH



POOL RESTROOMS – MECHANICAL PLAN
1/4" = 1'-0"
PLAN NORTH



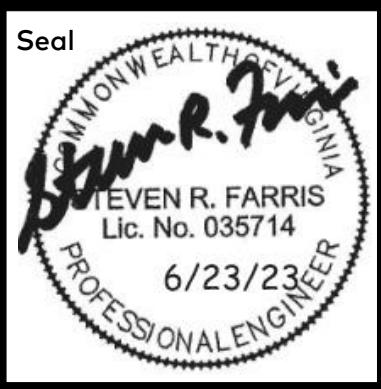
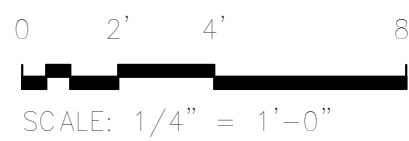
NORTH RESTROOMS – MECHANICAL PLAN
1/4" = 1'-0"
PLAN NORTH

ELECTRIC WALL HEATER										
MARK	MANUFACTURER & MODEL	FAN		CAPACITY (MBH)	KW	VOLT/PH	AMPS	TYPE	CONTROL	WEIGHT IN LBS.
		RPM	CFM							
EWH-1	MARKEL E3322TD-RP	600	175	3.413	1	120/1	8.3	WALL	BUILT-IN THERMOSTAT	30
EWH-1A	MARKEL E3322TD-RP	600	175	3.413	1	120/1	8.3	WALL	BUILT-IN THERMOSTAT	30
EWH-1B	MARKEL E3322TD-RP	600	175	3.413	1	120/1	8.3	WALL	BUILT-IN THERMOSTAT	30
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
EF-1	GREENHECK SP-A200	CEILING	75 CFM	0.38 in-wg	697	21 WATTS	115/1	2.0 SPHERICAL
EF-1A	GREENHECK SP-A200	CEILING	75 CFM	0.38 in-wg	697	21 WATTS	115/1	2.0 SPHERICAL
EF-2	GREENHECK SP-A200	CEILING	75 CFM	0.38 in-wg	697	21 WATTS	115/1	2.0 SPHERICAL
EF-2A	GREENHECK SP-A200	CEILING	75 CFM	0.38 in-wg	697	21 WATTS	115/1	2.0 SPHERICAL
EF-3	GREENHECK SP-A200	CEILING	150 CFM	0.38 in-wg	813	36 WATTS	115/1	2.0 SPHERICAL
EF-3A	GREENHECK SP-A200	CEILING	150 CFM	0.38 in-wg	813	36 WATTS	115/1	2.0 SPHERICAL

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.



GYPHY HILL PARK RESTROOM IMPROVEMENTS

STAUNTON, VIRGINIA

BATHROOMS MECHANICAL PLANS

Purpose of Document Issue									
No.	Date								

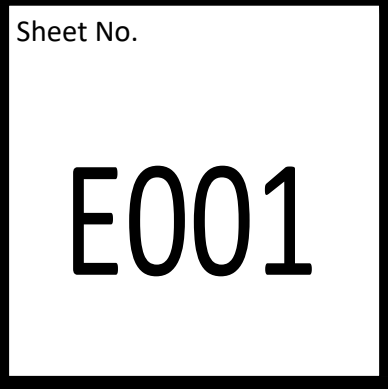
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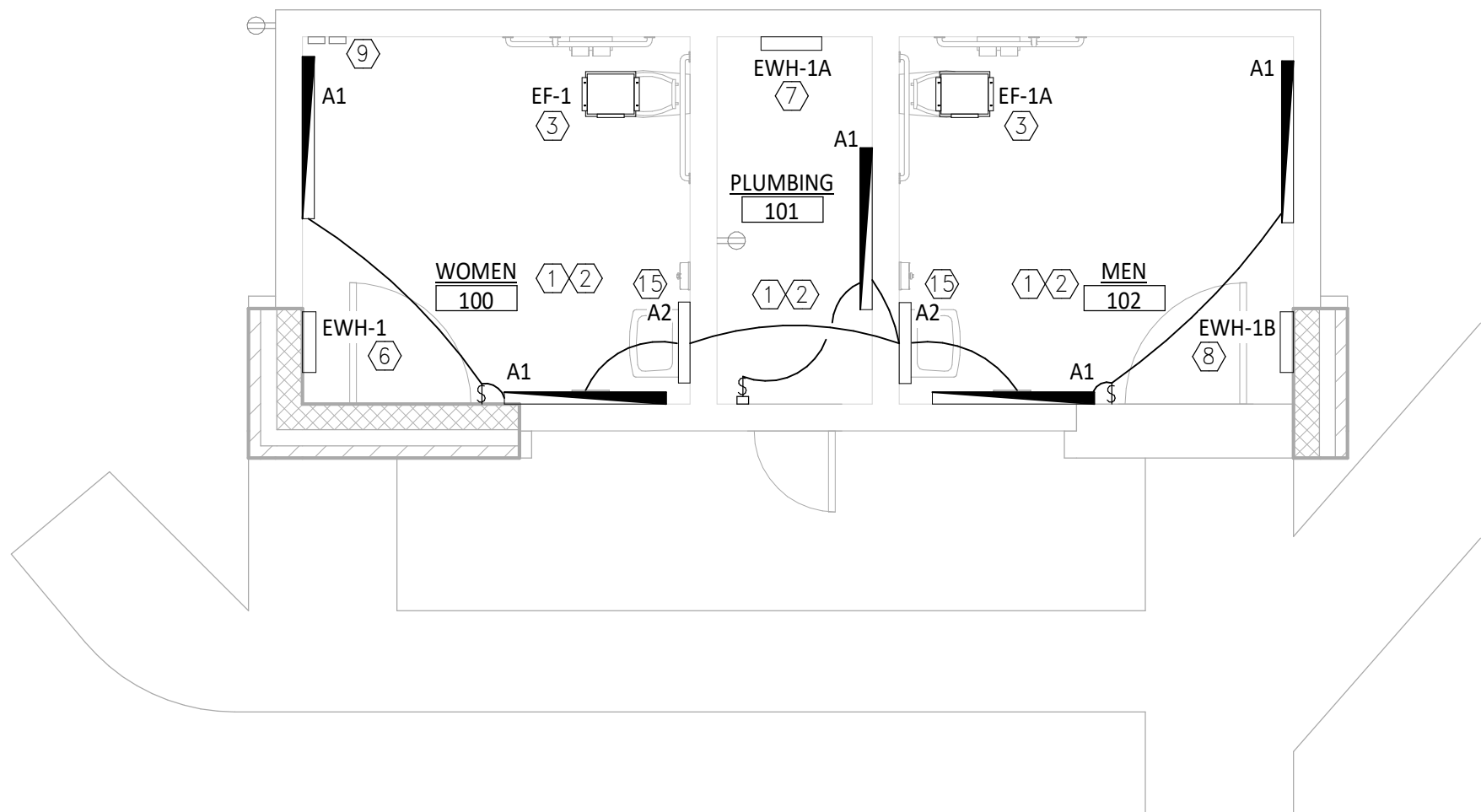
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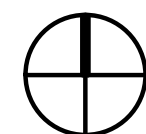


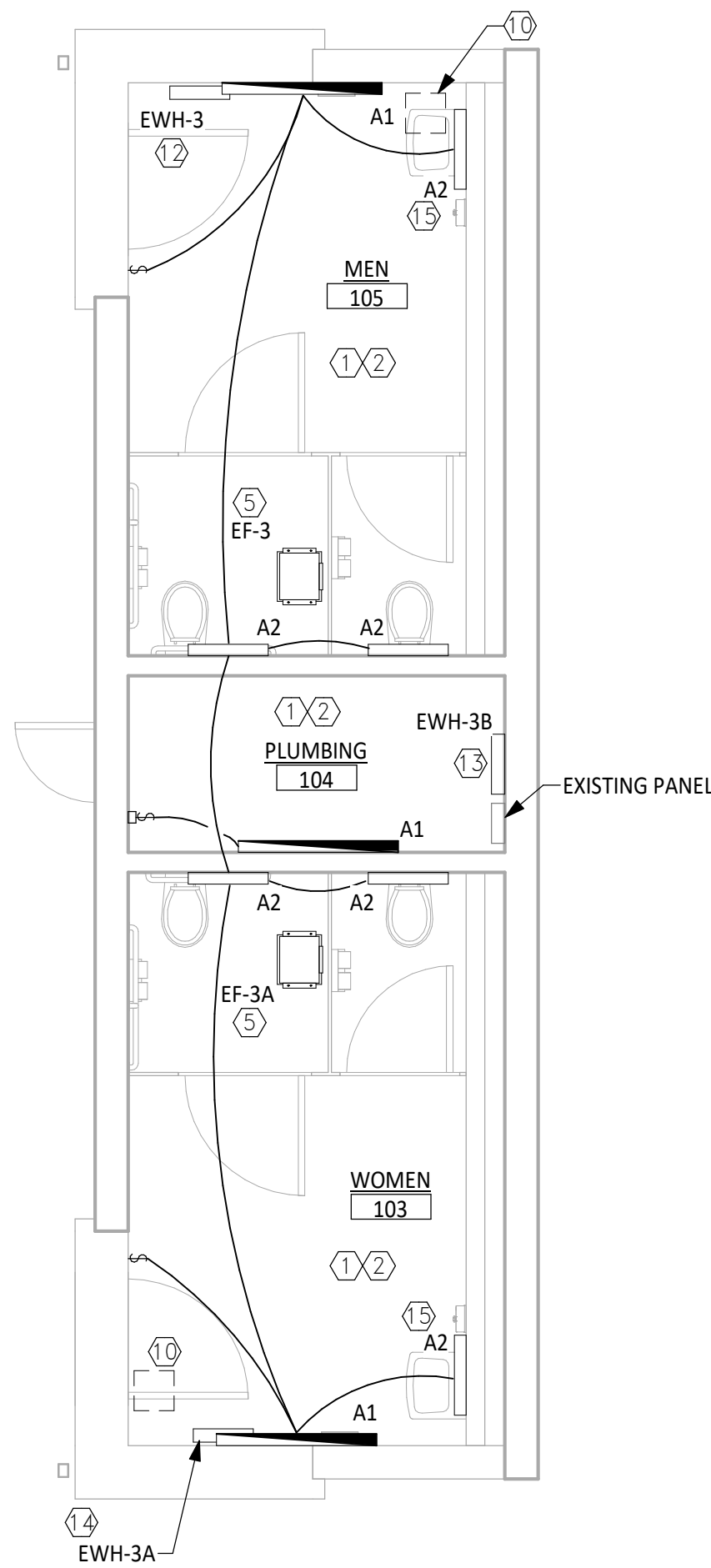
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 **POOL RESTROOMS - ELECTRICAL PLAN**
1/4" = 1'-0"
PLAN NORTH



 **CONCESSION RESTROOMS - ELECTRICAL PLAN**
1/4" = 1'-0"
PLAN NORTH

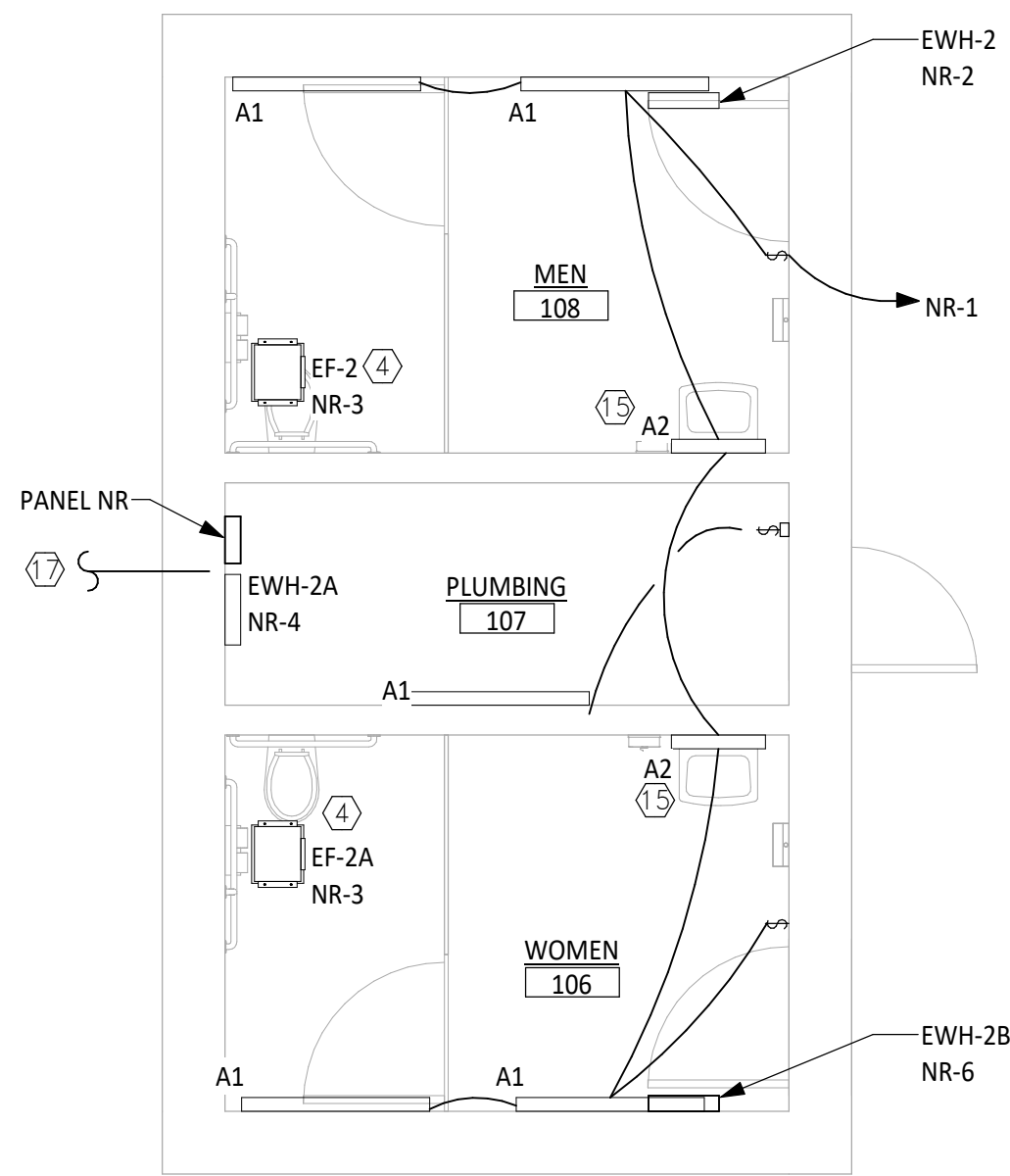
LEGEND:	
NEW	_____
EXISTING	_____

 SHEET KEYED NOTES:

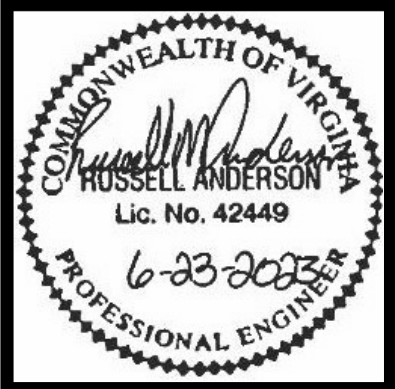
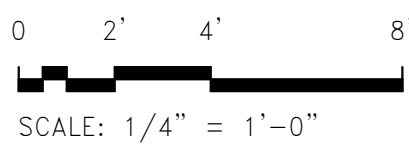
- DISCONNECT AND REMOVE ALL EXISTING LIGHTING FIXTURES THROUGHOUT THE AREA OF WORK. MAINTAIN ALL ASSOCIATED WIRING FROM DEMOLISHED FIXTURES FOR RECONNECTION OF NEW LIGHTING FIXTURES.
- CIRCUIT ALL NEW INTERIOR LIGHTING FIXTURES BACK TO PREVIOUS EXISTING CIRCUIT. CONNECT TO LIGHT SWITCHES AS INDICATED.
- CONNECT WITH 2#12 CU, 1#12CU GND, 3/4" C TO EXISTING LIGHTING CIRCUITRY FOR POWER AND CONTROL.
- CONNECT TO LIGHTING CIRCUITRY FOR POWER AND CONTROL.
- CONNECT WITH 2#12 CU, 1#12CU GND, 3/4" C TO EXISTING LIGHTING CIRCUITRY FOR POWER AND CONTROL.
- 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".
- 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".
- 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".
- EXISTING DISCONNECT AND TIMER TO REMAIN.
- DISCONNECT AND REMOVE EXISTING HEATER AND ALL ASSOCIATED WIRING FROM CIRCUITRY.
- NOT USED
- 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".
- 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".
- 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".
- MOUNT LIGHTING FIXTURE ABOVE MIRROR, CENTERED BETWEEN MIRROR AND CEILING.
- EXISTING BUILDING TO BE DEMOLISHED. FLOOR PLAN IS OF NEW BUILDING.
- 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.

GENERAL NOTES:

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



 **NORTH RESTROOMS - ELECTRICAL PLAN**
1/4" = 1'-0"
PLAN NORTH



GYPSY HILL PARK RESTROOM IMPROVEMENTS
STAUNTON, VIRGINIA
BATHROOMS ELECTRICAL PLANS

No.	Date	Purpose of Document Issue

Designed	TKR
Drawn	TKR
Checked	RMA
Date	06/23/2023

Project No.	16472
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Sheet No.	E101
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