

Point	Northing	Easting	Description
1	548,279.70	2,576,035.39	BLDG. CORNER
2	548,336.78	2,576,106.08	BLDG. CORNER
3	548,304.99	2,576,131.75	BLDG. CORNER
4	548,238.86	2,576,168.54	BLDG. CORNER
5	548,197.42	2,576,117.91	BLDG. CORNER
6	548,247.91	2,576,061.06	BLDG. CORNER
7	548,376.04	2,575,956.89	CL DRIVE
8	548,366.64	2,575,931.55	RADIUS POINT
9	548,369.90	2,575,987.22	RADIUS POINT
10	548,275.65	2,575,989.15	CL DRIVE PC
11	548,286.97	2,576,024.38	RADIUS POINT
12	548,263.73	2,575,995.59	CL DRIVE PT
13	548,166.58	2,576,074.04	CL DRIVE
14	548,433.77	2,576,009.77	CL DRIVE
15	548,397.78	2,576,016.96	RADIUS POINT
16	548,368.46	2,576,116.99	CL DRIVE PC
17	548,359.61	2,576,129.05	CL DRIVE POC
18	548,348.82	2,576,139.41	CL DRIVE PT
19	548,221.01	2,576,242.63	CL DRIVE
20	548,277.77	2,576,257.20	RADIUS POINT
21	548,377.93	2,576,436.93	EDGE GRAVEL
22	548,331.25	2,576,474.63	EDGE GRAVEL
23	548,299.84	2,576,435.73	EDGE GRAVEL
24	548,132.57	2,576,570.81	EDGE GRAVEL
25	547,993.46	2,576,374.67	EDGE GRAVEL
26	548,129.60	2,576,264.72	BLDG. CORNER
27	548,082.92	2,576,302.42	BLDG. CORNER
28	548,177.17	2,576,419.12	BLDG. CORNER
29	548,400.03	2,576,065.16	CL DRIVE
30	548,459.63	2,576,057.67	RADIUS POINT
31	548,415.50	2,576,145.98	RADIUS POINT
32	548,530.25	2,576,192.38	CL DRIVE PC
33	548,563.10	2,576,158.76	RADIUS POINT
34	548,572.51	2,576,177.74	RADIUS POINT
35	548,597.83	2,576,154.45	CL DRIVE PT
36	548,597.9	2,576,057.62	CL DRIVE PC
37	548,596.21	2,576,048.23	CL DRIVE POC
38	548,593.50	2,576,039.09	CL DRIVE PT
39	548,576.98	2,575,992.79	CL DRIVE PC
40	548,572.30	2,575,982.04	CL DRIVE POC
41	548,566.22	2,575,972.01	CL DRIVE PT

LEGEND	
EXISTING	
⊕ R	IRON ROD
⊕	UTILITY POLE
⊕ XL	UTILITY-LIGHT POLE
⊕ YH	YARD HYDRANT
⊕	MANHOLE
⊕	CURB INLET
⊕	MAILBOX
●	TREE
---	INDEX CONTOUR
---	INTERMEDIATE CONTOUR
-x-x-	CHAIN LINK FENCE
-W-	WATER LINE
-FM-	SANITARY FORCEMAIN
-G-	GAS LINE
-E-	ELECTRIC LINE
---	STORM SEWER LINE
RCP	REINFORCED CONCRETE PIPE
HDPE	HIGH DENSITY POLYETHYLENE PIPE
DI	DUCTILE IRON PIPE
---	PROPERTY BOUNDARY
⊕ B.M.	BENCH MARK
NEW	
[Pattern]	CONCRETE (A1, C2.1)
[Pattern]	GRAVEL (A1, C2.1)
[Pattern]	SIDEWALK (F1, C2.1)

- GENERAL NOTES**
- SURVEY PERFORMED BY C2RL ENGINEERS, INC. DATED SEPTEMBER 23, 2024 DATUM: NAD83 - NAVD88
 - DIMENSIONS AND COORDINATES RELATIVE TO CURBING ARE TO FACE OF CURB.
 - THE LOCATIONS OF UTILITIES SHOWN WITHIN THESE PLANS ARE APPROXIMATE ONLY, EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD BY CONTACTING THE UTILITY COMPANIES INVOLVED. NOTIFICATION BY CALLING TENNESSEE ONE CALL AT 1-800-351-1111 WILL BE REQUIRED.

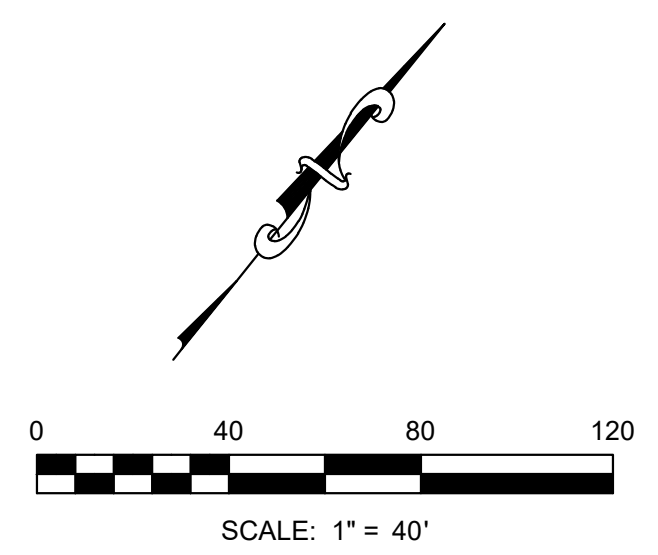
PARKING:
 AUTOMOBILE PARKING PROVIDED:
 21 REGULAR SPACES
 1 ADA SPACE (VAN ACCESSIBLE)
 22 TOTAL SPACES

ALL PARKING LOT RADII ARE 5' TO FACE OF CURB UNLESS NOTED OTHERWISE

PROPERTY INFO:

OFFICE
 ADDRESS: 579 NATIONAL DR. MARYVILLE, TN. 37804
 ZONING: S
 MAP: 027B
 GROUP: A
 PARCEL: 001.00

SHOP
 ADDRESS: 583 NATIONAL DR. ROCKFORD TN. 37853
 ZONING: S
 MAP: 027B
 GROUP: A
 PARCEL: 001.00



REVISIONS:

NO.	DATE	DESCRIPTION

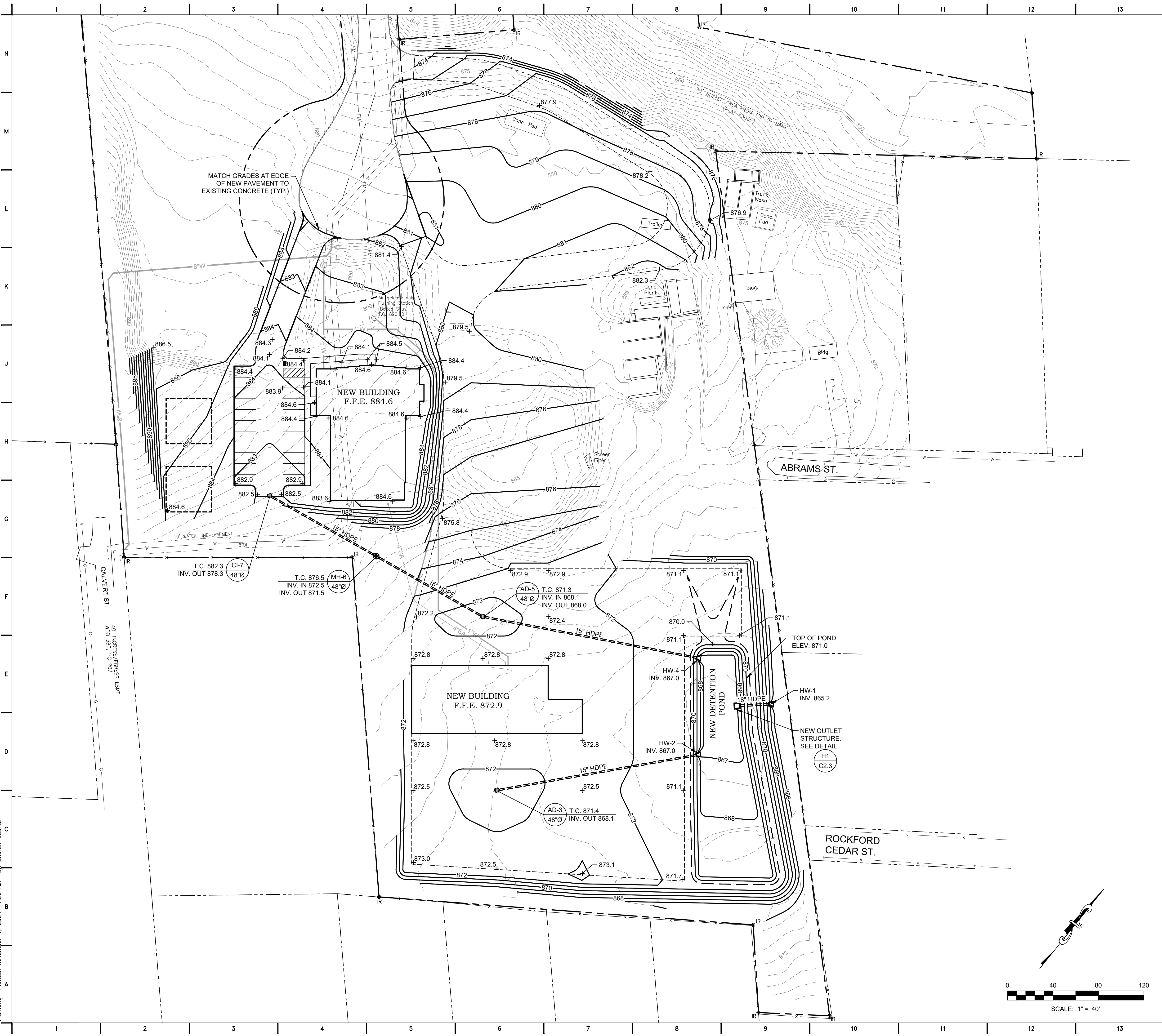
New Office Headquarters
 Rockford, Tennessee
 AI Blankenship Enterprise
 Knoxville, Tennessee
 Site Layout Plan

FOR REVIEW ONLY

JOB NO: 314.05
 DATE: 10.17.24
 DRAWN: TCC
 CHECKED: CJS

C1.1
 SHEET NO.

H:\Blankenship, AI Enterprise\314.05 - New Office Headquarters\02-Drawings\Sheets\C1-2 Site Grading & Drainage Plot.dwg Plotted: November 1, 2024 11:20 AM By: Sharon Counts

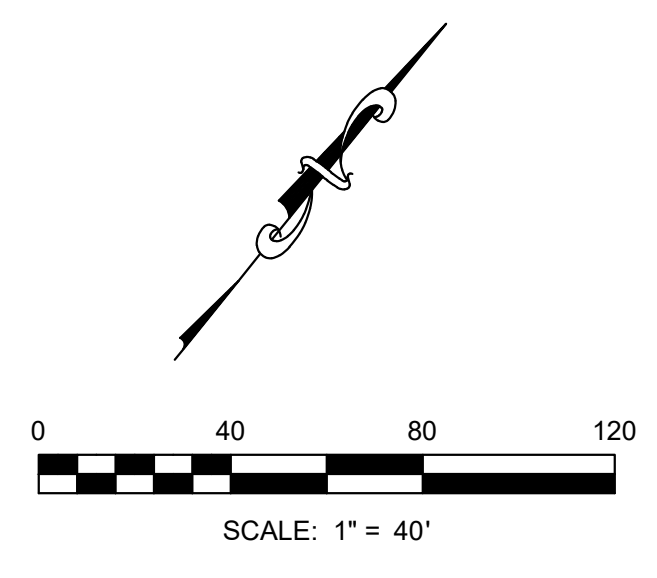


LEGEND

- | EXISTING | |
|----------|--|
| | IRON ROD |
| | UTILITY POLE |
| | UTILITY-LIGHT POLE |
| | YARD HYDRANT |
| | MANHOLE |
| | CURB INLET |
| | MAILBOX |
| | TREE |
| | INDEX CONTOUR |
| | INTERMEDIATE CONTOUR |
| | CHAIN LINK FENCE |
| | WATER LINE |
| | SANITARY FORCEMAIN |
| | GAS LINE |
| | ELECTRIC LINE |
| | STORM SEWER LINE |
| | REINFORCED CONCRETE PIPE |
| | HIGH DENSITY POLYETHYLENE PIPE |
| | DUCTILE IRON PIPE |
| | PROPERTY BOUNDARY |
| NEW | |
| | STORM LINE A1
C2.2 |
| | CURB INLET A11
C2.2 |
| | AREA DRAIN G11
C2.2 |
| | CONCRETE HEADWALL A6
C2.2 |
| | STORM MANHOLE G4
C2.2 |

GENERAL NOTES

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- ALL GRADES SHOWN ARE FINAL GRADE. CONTRACTOR SHALL ACCOUNT FOR TOPSOIL, STONE, BUILDING SLAB, PAVEMENT THICKNESS, ETC. WHEN ESTABLISHING SUBGRADE.
- THE LOCATIONS OF UTILITIES SHOWN WITHIN THESE PLANS ARE APPROXIMATE ONLY. EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD BY CONTACTING THE UTILITY COMPANIES INVOLVED. NOTIFICATION BY CALLING TENNESSEE ONE CALL AT 1-800-351-1111 WILL BE REQUIRED.
- TOTAL DISTURBED AREA - 5.7 ACRES
- ADEQUATE DRAINAGE, EROSION, AND SEDIMENT CONTROL MEASURES, BEST MANAGEMENT PRACTICES, AND/OR OTHER STORMWATER MANAGEMENT FACILITIES SHALL BE PROVIDED AND MAINTAINED AT ALL TIMES DURING CONSTRUCTION. DAMAGE TO ADJACENT PROPERTY AND/OR THE CONSTRUCTION SITE CAUSED BY THE CONTRACTOR'S OR THE PROPERTY OWNER'S FAILURE TO PROVIDE AND MAINTAIN ADEQUATE DRAINAGE AND EROSION/SEDIMENT CONTROL FOR THE CONSTRUCTION AREA SHALL BE THE RESPONSIBILITY OF THE PROPERTY OWNER AND/OR THE CONTRACTOR.
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- EROSION PREVENTION AND SEDIMENT CONTROL AND OTHER MEASURES FOR THE CONTROL OF CONSTRUCTION RELATED WASTES SHALL BE IN PLACE AND FUNCTIONAL BEFORE A GRADING PERMIT IS ISSUED.



C2RL, INC
engineers

240 W. Bessemer Street, Alcoa, TN 37701
ph. 865 980 3500 fax. 865 980 3555

REVISIONS:

DATE:

New Office Headquarters
Rockford, Tennessee

AI Blankenship Enterprise
Knoxville, Tennessee

Site Grading & Drainage Plan

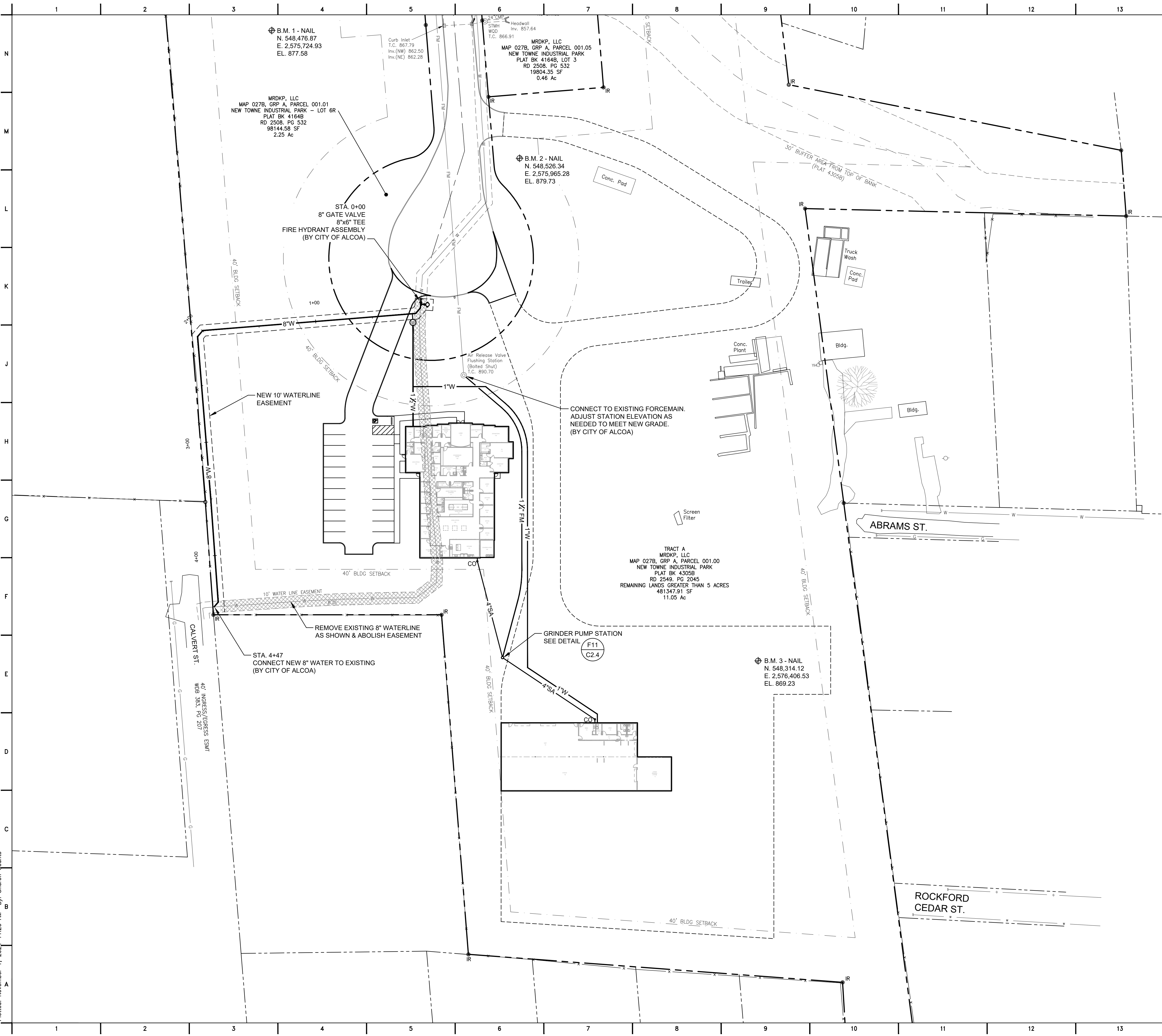
FOR REVIEW ONLY

JOB NO: 314.05
DATE: 10.17.24
DRAWN: SLC
CHECKED: CJS

C1.2

SHEET NO.

H:\Blankenship, A\Enterprise\314.05 - New Office Headquarters\02-Drawings\Sheets\C1-3 Site Utilities Plan.dwg
 Plotted: November 1, 2024 11:20 AM By: Sharon Counts

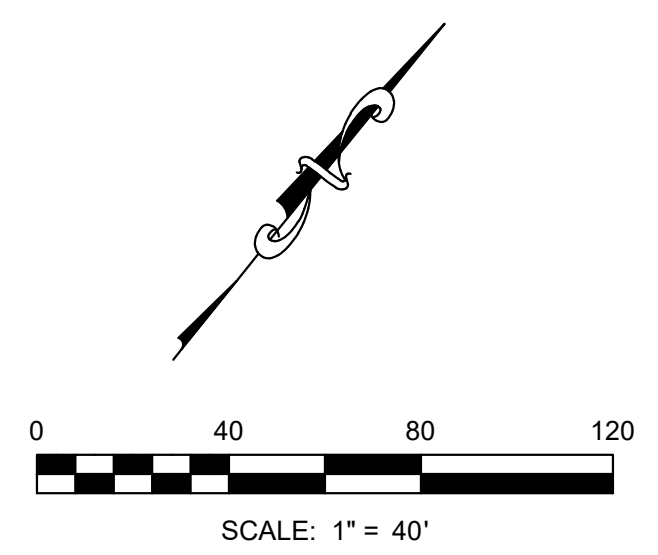


LEGEND

- | EXISTING | |
|----------|---------------------------------|
| | IRON ROD |
| | UTILITY POLE |
| | UTILITY-LIGHT POLE |
| | YARD HYDRANT |
| | MANHOLE |
| | CURB INLET |
| | MAILBOX |
| | TREE |
| | INDEX CONTOUR |
| | INTERMEDIATE CONTOUR |
| | CHAIN LINK FENCE |
| | WATER LINE |
| | SANITARY FORCEMAIN |
| | GAS LINE |
| | ELECTRIC LINE |
| | STORM SEWER LINE |
| | REINFORCED CONCRETE PIPE |
| | HIGH DENSITY POLYETHYLENE PIPE |
| | DUCTILE IRON PIPE |
| | PROPERTY BOUNDARY |
| | BENCH MARK |
| NEW | |
| | WATERLINE & EASEMENT REMOVAL |
| | WATERLINE |
| | WATER METER |
| | FIRE HYDRANT ASSEMBLY (A5 C2.4) |
| | VALVE & VALVE BOX (A5 C2.4) |
| | SANITARY FORCEMAIN |
| | SANITARY SEWER LINE |
| | SANITARY CLEANOUT (A11 C2.4) |

GENERAL NOTES

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C2RL, INC
 engineers

240 W. Bessemer Street, Alcoa, TN 37701
 ph. 865.980.3500 fax. 865.980.3555

DATE: _____
 REVISIONS: _____

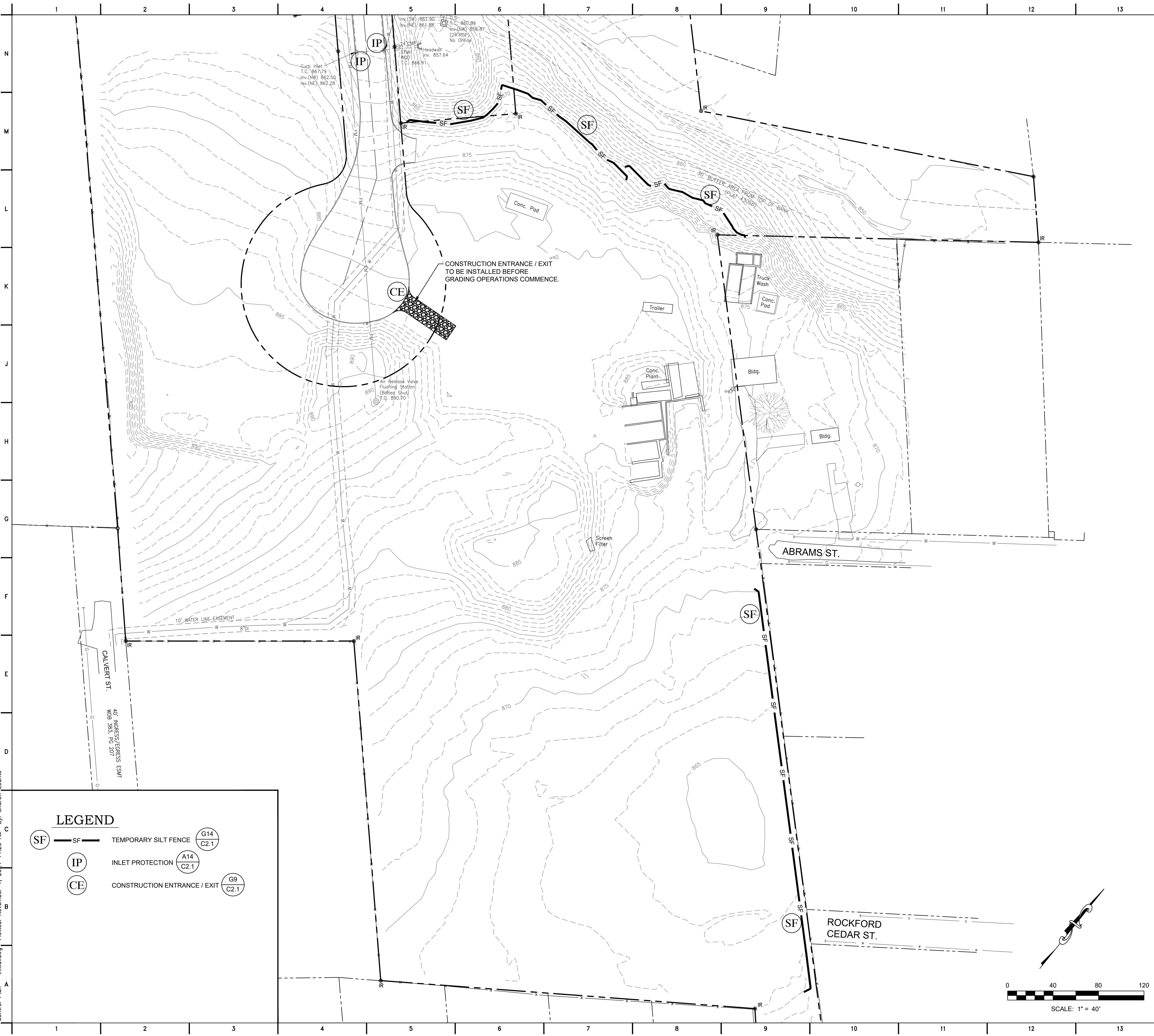
New Office Headquarters
 Rockford, Tennessee
 AI Blankenship Enterprise
 Knoxville, Tennessee
 Site Utilities Plan

FOR REVIEW ONLY

JOB NO: 314.05
 DATE: 10.17.24
 DRAWN: TCC
 CHECKED: CJS

C1.3
 SHEET NO.

H:\Blankenship, Al Enterprises\314.05 - New Office Headquarters\02-Drawings\Sheets\C1-4 Erosion & Sediment Control Plan - Initial.dwg Plotted: November 1, 2024 11:20 AM By: Sharon Counts



LEGEND

- SF TEMPORARY SILT FENCE G14
C2.1
- IP INLET PROTECTION A14
C2.1
- CE CONSTRUCTION ENTRANCE / EXIT G9
C2.1

EROSION CONTROL NOTES

1. THE PURPOSE OF THIS EROSION CONTROL PLAN IS TO MINIMIZE EROSION AND PREVENT SEDIMENT FROM LEAVING THE SITE DURING CONSTRUCTION. THEREFORE, TDEC, BLOUNT COUNTY, THE ENGINEER, OR THE OWNER MAY REQUIRE CHANGES BE MADE TO THIS PLAN AT ANY TIME.
2. EROSION PREVENTION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES SHALL FOLLOW THE APPROVED PLAN DETAILS AND THE TENNESSEE EROSION AND SEDIMENT CONTROL HANDBOOK, LATEST EDITION.
3. CONSTRUCTION MUST BE SEQUENCED TO MINIMIZE THE EXPOSURE TIME OF GRADED OR DENUDED AREAS.
4. EROSION PREVENTION AND SEDIMENT CONTROL MEASURES MUST BE IN PLACE (WHERE NEEDED) AND FUNCTIONAL BEFORE THE DAY'S WORK MAY BEGIN AND MUST BE CONSTRUCTED AND MAINTAINED WHILE WORK IS PROGRESSING UPSTREAM. TEMPORARY MEASURES MAY BE REMOVED AT THE BEGINNING OF THE THE WORK DAY, BUT MUST BE REPLACED AT THE END OF THE WORK DAY.
5. PRE-CONSTRUCTION VEGETATIVE GROUND COVER SHALL NOT BE DESTROYED, REMOVED OR DISTURBED MORE THAN 15 DAYS PRIOR TO WORK IN THAT AREA UNLESS THE AREA IS SEEDED OR MULCHED OR OTHER TEMPORARY COVER INSTALLED.
6. CLEARING AND GRUBBING MUST BE HELD TO THE MINIMUM AREA NECESSARY FOR INSTALLATION AND EQUIPMENT OPERATION. EXISTING VEGETATION AT THE WORK AREA SHOULD BE PRESERVED TO THE MAXIMUM EXTENT PRACTICABLE.
7. TEMPORARY SEEDING IS REQUIRED WHEN GRADING OPERATIONS ARE TEMPORARILY HALTED FOR OVER 14 DAYS, AND ON ALL STOCKPILES. PERMANENT SEEDING IS REQUIRED WHEN GRADING OPERATIONS ARE COMPLETED AND/OR CONSTRUCTION OPERATIONS WILL NOT IMPACT THE DISTURBED AREA.
8. CONTRACTOR SHALL SEED ANY AREAS THAT SHOW SIGNS OF EXCESSIVE EROSION.
9. ALL SLOPES SHALL BE STABILIZED AS SOON AS THEY ARE AT FINISHED GRADE.
10. LITTER, CONSTRUCTION DEBRIS AND CONSTRUCTION CHEMICALS EXPOSED TO STORM WATER SHALL BE PICKED UP PRIOR TO ANTICIPATED STORM EVENTS OR BEFORE BEING CARRIED OFF SITE BY WIND, OR OTHERWISE PREVENTED FROM BECOMING A POLLUTANT SOURCE.
11. PLACEMENT OF PORT-A-POTTIES ON THE PROJECT SHALL NOT BE LOCATED CLOSE TO STREAMS, WETLANDS OR STORM DRAINS.
12. A STORAGE AREA FOR CONSTRUCTION RELATED MATERIALS MUST BE COORDINATED ON SITE WITH THE OWNER. THIS AREA WILL NEED TO HAVE EROSION PREVENTION AND SEDIMENT CONTROL MEASURES INSTALLED TO PREVENT DEBRIS AND TRASH FROM SPREADING OVER THE SITE. A TRASH RECEPTACLE WITH A LID IS REQUIRED ON SITE. THESE STORAGE AREAS AND RECEPTACLES SHALL BE PROPERLY MAINTAINED AND FREE OF DEBRIS AND POLLUTANTS TO THE SITE THROUGHOUT CONSTRUCTION.
13. AFTER USE, MATERIALS USED FOR EROSION PREVENTION AND SEDIMENT CONTROL (SUCH AS SILT FENCES) SHOULD BE REMOVED OR OTHERWISE PREVENTED FROM BECOMING A POLLUTANT SOURCE.
14. SEDIMENT SHOULD BE REMOVED FROM SILT FENCES AND OTHER SEDIMENT CONTROLS ONCE DESIGN CAPACITY HAS BEEN REDUCED BY 50%.
15. IF SEDIMENT ESCAPES CONSTRUCTION AREA, OFF SITE ACCUMULATIONS THAT HAVE NOT REACHED A STREAM MUST BE REMOVED AT A FREQUENCY SUFFICIENT TO MINIMIZE OFF-SITE IMPACTS. CONTRACTORS SHALL NOT INITIATE REMEDIATION/RESTORATION OF A STREAM WITHOUT CONSULTING TDEC FIRST. ARRANGEMENTS CONCERNING REMOVAL OF SEDIMENT ON ADJOINING PROPERTY MUST BE SETTLED WITH THE ADJOINING PROPERTY OWNER.
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 - C. THE DATES WHEN STABILIZATION MEASURES ARE INITIATED.
 - D. TWICE WEEKLY AND OTHER INSPECTION RECORDS.
 - E. RAINFALL RECORDS.
18. A COPY OF THE SWPPP SHALL BE KEPT ON SITE IN A LOCATION COORDINATED BETWEEN THE CONTRACTOR AND THE OWNER AND VERIFIED PRIOR TO CONSTRUCTION.

GENERAL NOTES

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C2RL, INC
engineers

240 W. Bessemer Street, Alcoa, TN 37701
ph. 865 980 3500 fax. 865 980 3555

REVISIONS:

NO.	DATE	DESCRIPTION

New Office Headquarters
Rockford, Tennessee

Al Blankenship Enterprise
Knoxville, Tennessee

Erosion & Sediment Control Plan - Initial

FOR REVIEW ONLY

JOB NO: 314.05
DATE: 10.17.24
DRAWN: SLC
CHECKED: CJS

C1.4

SHEET NO.

H:\Blankship, Al Enterprise\314.05 - New Office Headquarters\02-Drawings\Sheets\C1-5 Erosion & Sediment Control Plan - Final.dwg Plotted: November 1, 2024 11:24 AM By: Sharon Counts



LEGEND

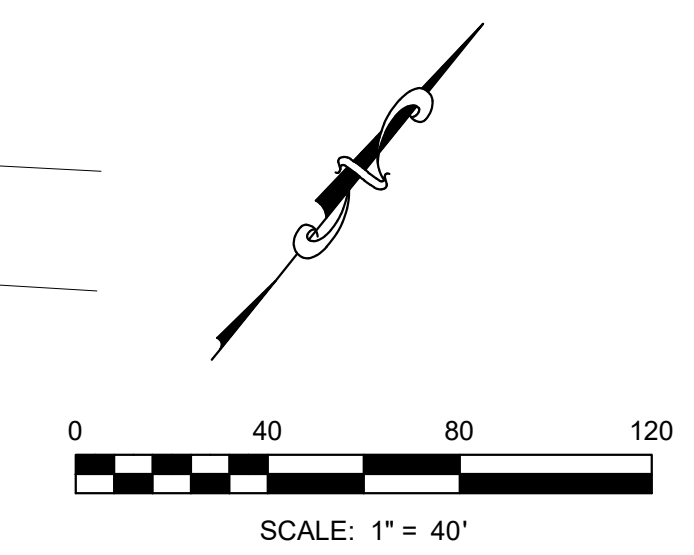
- (SF) — SF — TEMPORARY SILT FENCE (G14 C2.1)
- (IP) — INLET PROTECTION (A14 C2.1)
- (CE) — CONSTRUCTION ENTRANCE / EXIT (G9 C2.1)
- (CD) — ROCK CHECK DAM (G1 C2.2)
- (OP) — OUTLET PROTECTION (A11 C2.3)
- (LS) — LEVEL SPREADER (A6 C2.3)
- ▨ — SEED MAT (A1 C2.3)
- — SOD

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C2RL, INC engineers
 240 W. Bessemer Street, Alcoa, TN 37701
 ph. 865 980 3500 fax. 865 980 3555

DATE: _____

REVISIONS:

New Office Headquarters
 Rockford, Tennessee

Al Blankenship Enterprise
 Knoxville, Tennessee

Erosion & Sediment Control Plan - Final

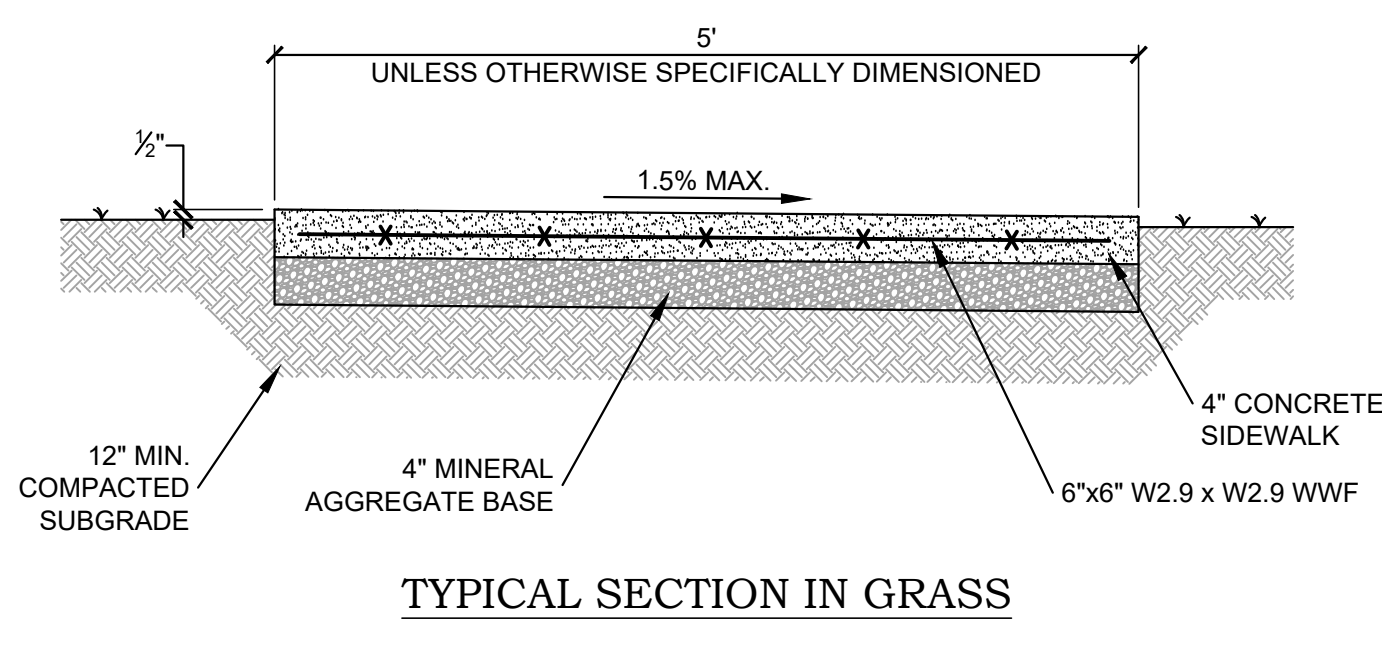
FOR REVIEW ONLY

JOB NO: 314.05
 DATE: 10.17.24
 DRAWN: SLC
 CHECKED: CJS

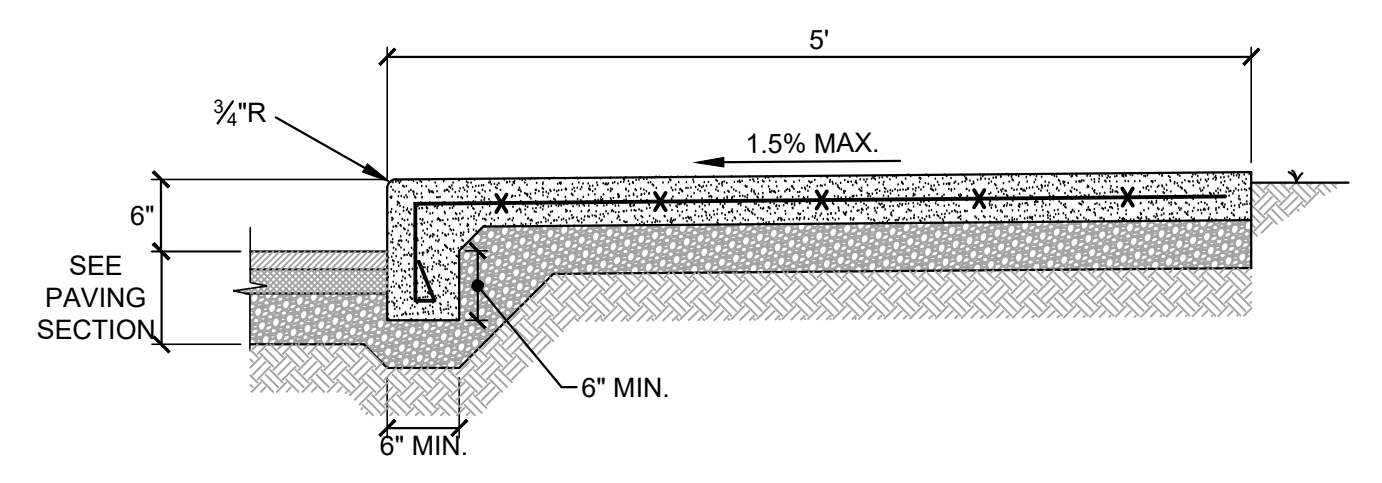
C1.5

SHEET NO.

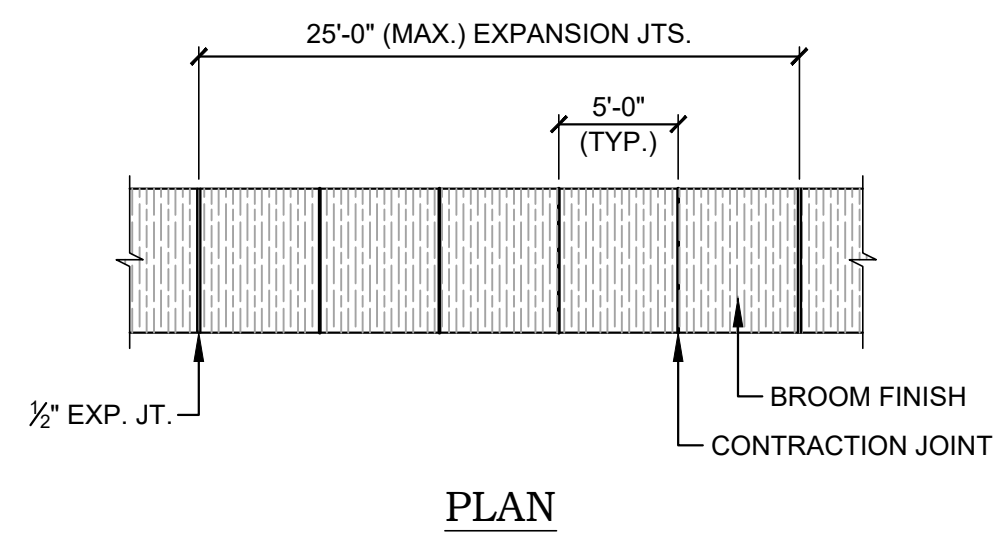
H:\Blankship, AI Enterprise\314.05 - New Office Headquarters\02-Drawings\Sheets\C2 Details.dwg Plotted: November 1, 2024 11:24 AM By: Sharon Counts



TYPICAL SECTION IN GRASS



SECTION AT PAVEMENT INTERFACE

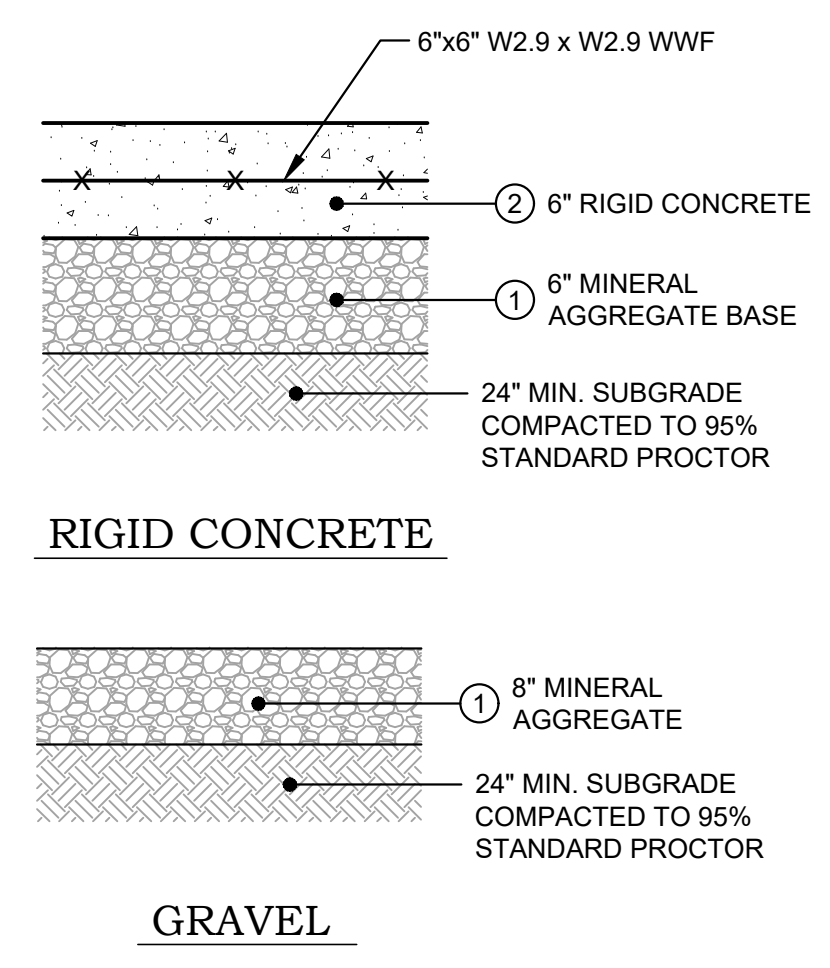


PLAN

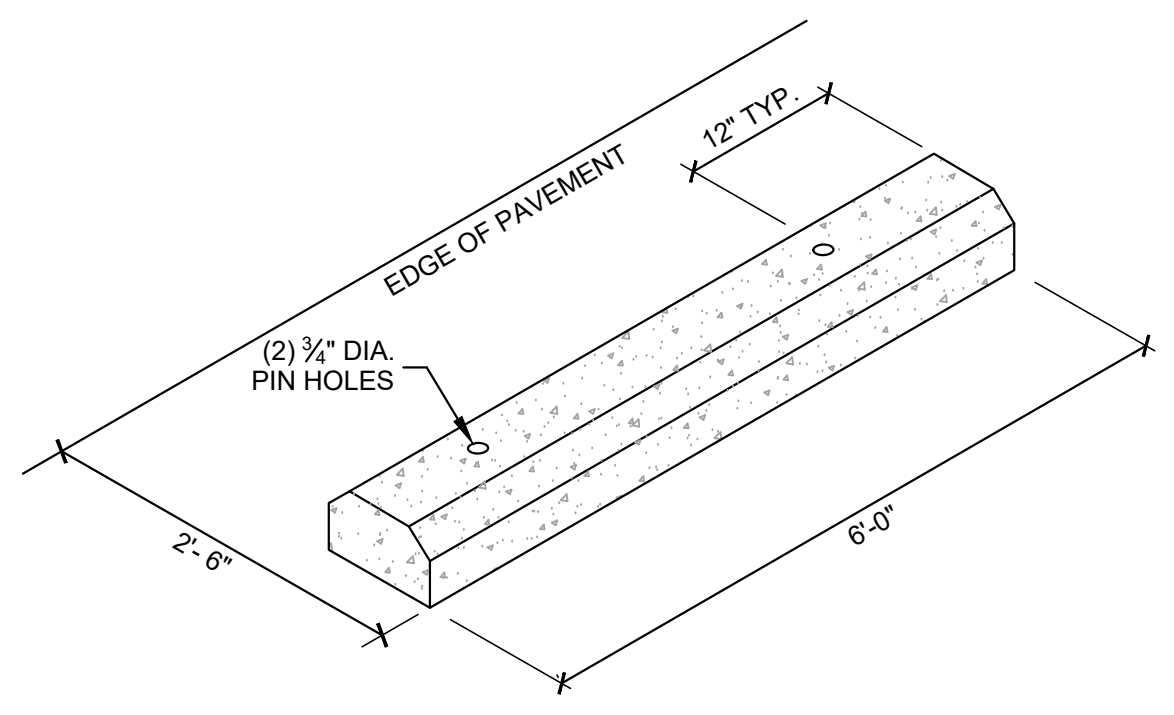
F1 CONCRETE SIDEWALK
NOT TO SCALE

PAVEMENT SCHEDULE	
①	MINERAL AGGREGATE BASE - TDOT STANDARD SPECIFICATION SECTION 303 MINERAL AGGREGATE, TYPE "A" BASE, GRADING D
④	RIGID CONCRETE PAVING - 4,000 psi MINIMUM PORTLAND CEMENT CONCRETE

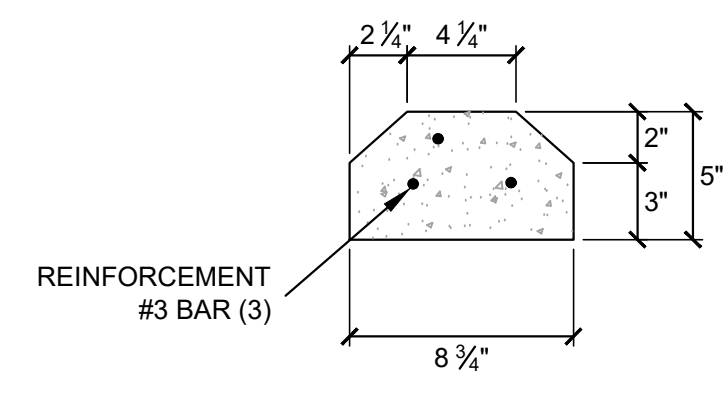
NOTE
SEE TDOT SPECIFICATION SECTION REFERENCED IN PAVEMENT SCHEDULE FOR MATERIAL AND INSTALLATION REQUIREMENTS.



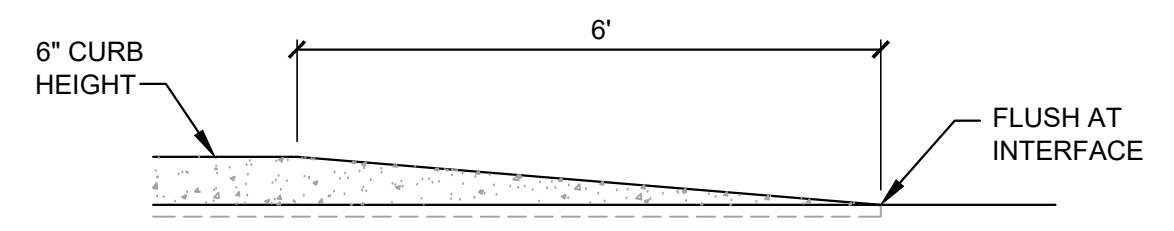
A1 PAVEMENT SECTIONS
NOT TO SCALE



NOTE
CONTRACTOR SHALL SECURE WHEEL STOP PER MANUFACTURER'S RECOMMENDATIONS

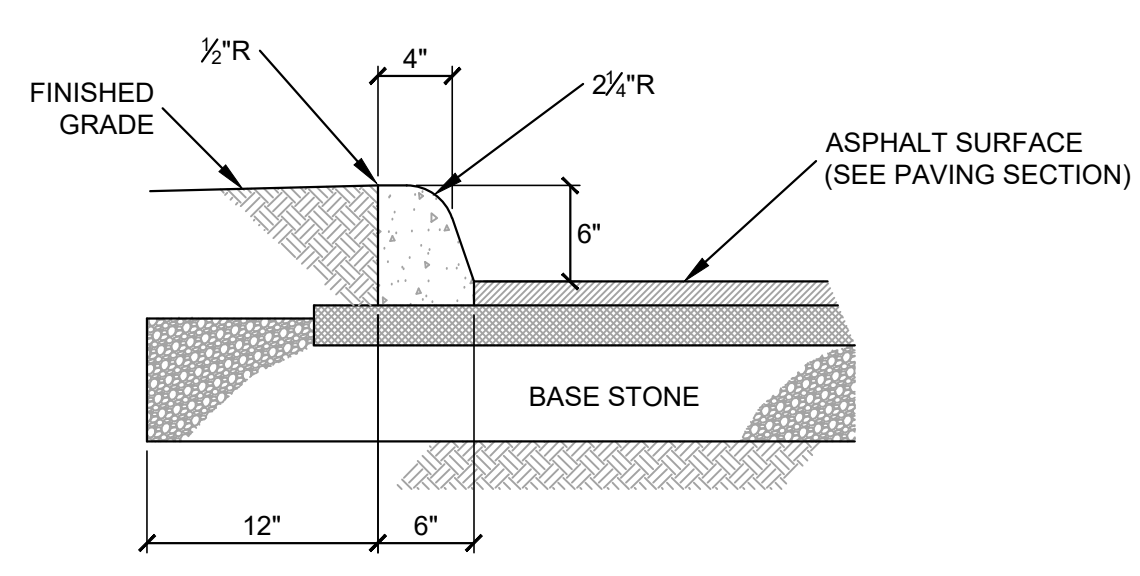


J5 PRE-CAST CONCRETE WHEEL STOP
NOT TO SCALE



F5 CURB WIPEDOWN
NOT TO SCALE

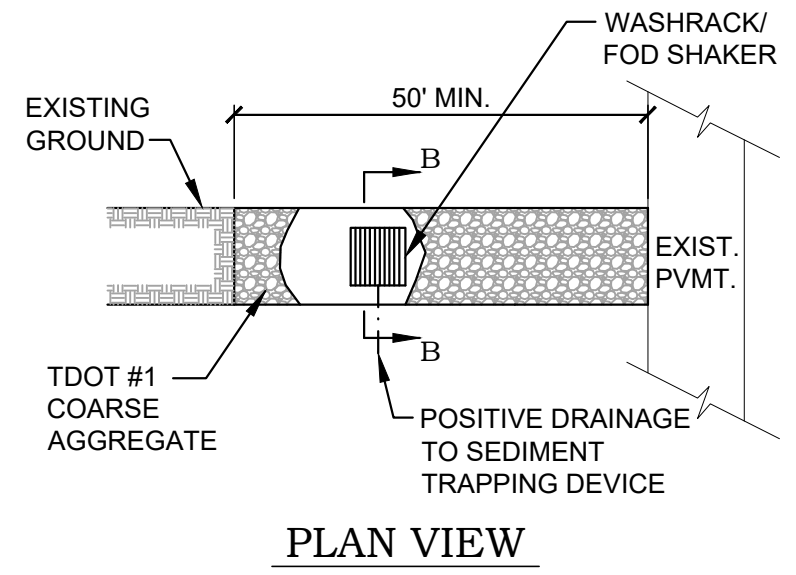
- NOTES**
- THE FRONT FACE OF THE CONCRETE CURBS FOR ALL DEGREES OF CURVATURE SHALL CONFORM TO THE CONTOUR OF THE CURVE AND NO CHORD SECTIONS WILL BE PERMITTED.
 - CONCRETE EXPANSION JOINT MATERIAL IS TO BE 3/4" PREMOLDED FIBER IN ACCORDANCE WITH TDOT SPECIFICATION SECTION 905.
 - EXPANSION JOINTS ARE TO BE PLACED AS FOLLOWS:
 - AT TANGENT POINTS OF CIRCULAR CURBS
 - BETWEEN CURBS AND ABUTTING RIGID OBJECTS
 - AT OTHER PLACES WHERE STRESSES MAY DEVELOP
 - SO AS TO LINE UP WITH PAVEMENT JOINTS WHERE ADJACENT PAVEMENT IS CONCRETE
 - MAXIMUM SPACING IS TO BE 100 FEET
 - CONTRACTION JOINTS ARE TO BE SPACED AT 10 FEET. THE SPACING MAY BE REDUCED FOR CLOSURES BUT NOT LESS THAN 6 FEET.
 - EDGES OF JOINTS SHALL BE FINISHED ON 1/4" RADII.



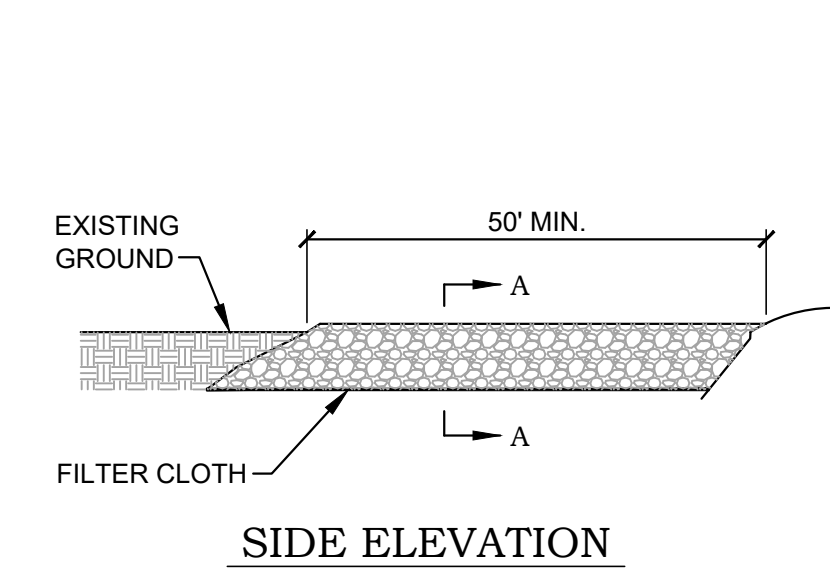
A5 CONCRETE CURB
NOT TO SCALE

NOTES

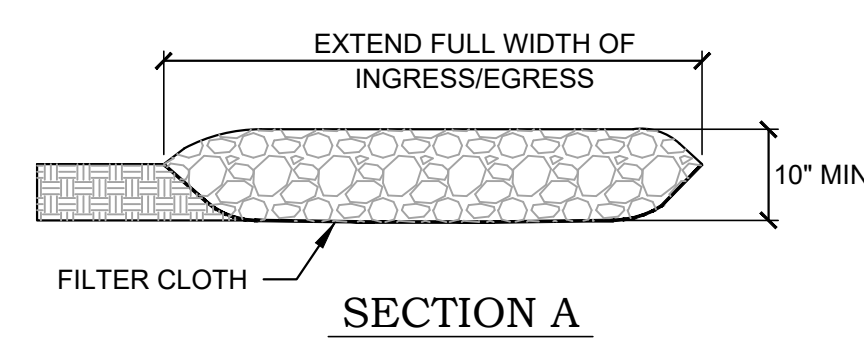
- CONTRACTOR TO COORDINATE LOCATION OF CONSTRUCTION ENTRANCE WITH OWNER.
- WASH RACK ONLY REQUIRED WHEN CONSTRUCTION ENTRANCE ALONE HAS PROVEN INEFFECTIVE AT PREVENTING SEDIMENT TRACKING ONTO LOCAL ROADS.
- CONTRACTOR SHALL CLEAR THE AREA WHERE THE CONSTRUCTION ENTRANCE IS TO BE PLACED OF ALL VEGETATION, ROOTS, AND OTHER OBJECTIONABLE MATERIAL.
- CONSTRUCTION ENTRANCE SHALL BE FORMED BY PLACING 2" - 3" STONE IN A MINIMUM 10" LAYER.
- CONSTRUCTION ENTRANCE SHALL COVER THE ENTIRE WIDTH OF SITE INGRESS AND EGRESS.
- CONSTRUCTION ENTRANCE SHALL BE MAINTAINED IN A MANNER TO PREVENT GRAVEL FROM ENTERING ROADWAYS UNTIL A PERMANENT ACCESS DRIVE IS CONSTRUCTED.
- STONE SHALL BE OVERLAIN AS NECESSARY WITH NEW STONE TO ENSURE THAT SEDIMENT IS NOT TRANSPORTED OFF SITE.
- WHERE SEDIMENT IS TRANSPORTED ONTO A PUBLIC ROAD SURFACE, THE ROADS SHALL BE CLEANED THOROUGHLY AT THE END OF EACH DAY OR MORE OFTEN IF DEEMED NECESSARY.
- SEDIMENT SHALL BE REMOVED FROM ROADS BY SHOVELING OR SWEEPING AND BE TRANSPORTED TO A SEDIMENT-CONTROLLED DISPOSAL AREA.



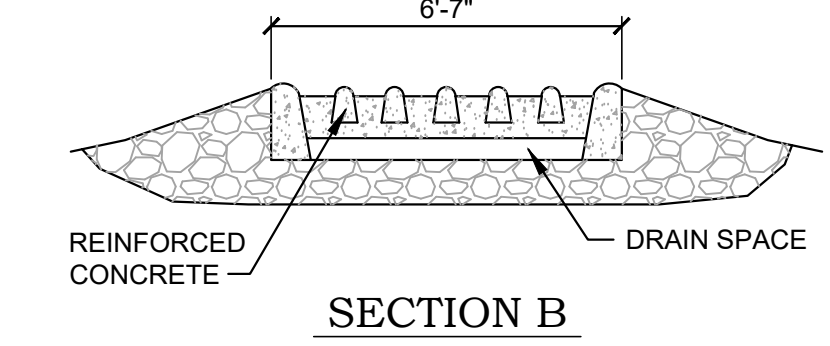
PLAN VIEW



SIDE ELEVATION

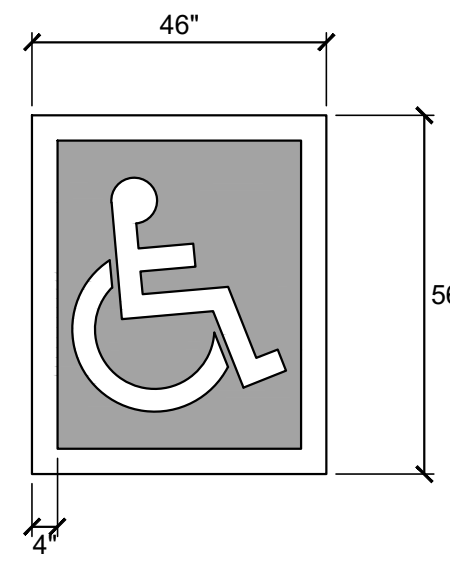


SECTION A

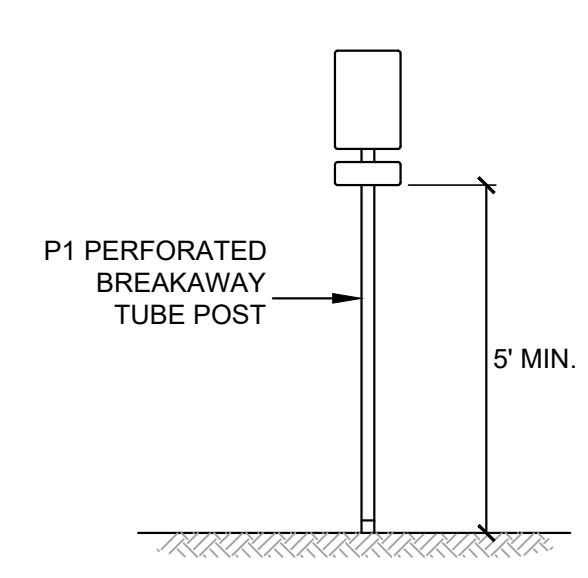


SECTION B

G9 CONSTRUCTION ENTRANCE / EXIT (TEMPORARY)
NOT TO SCALE



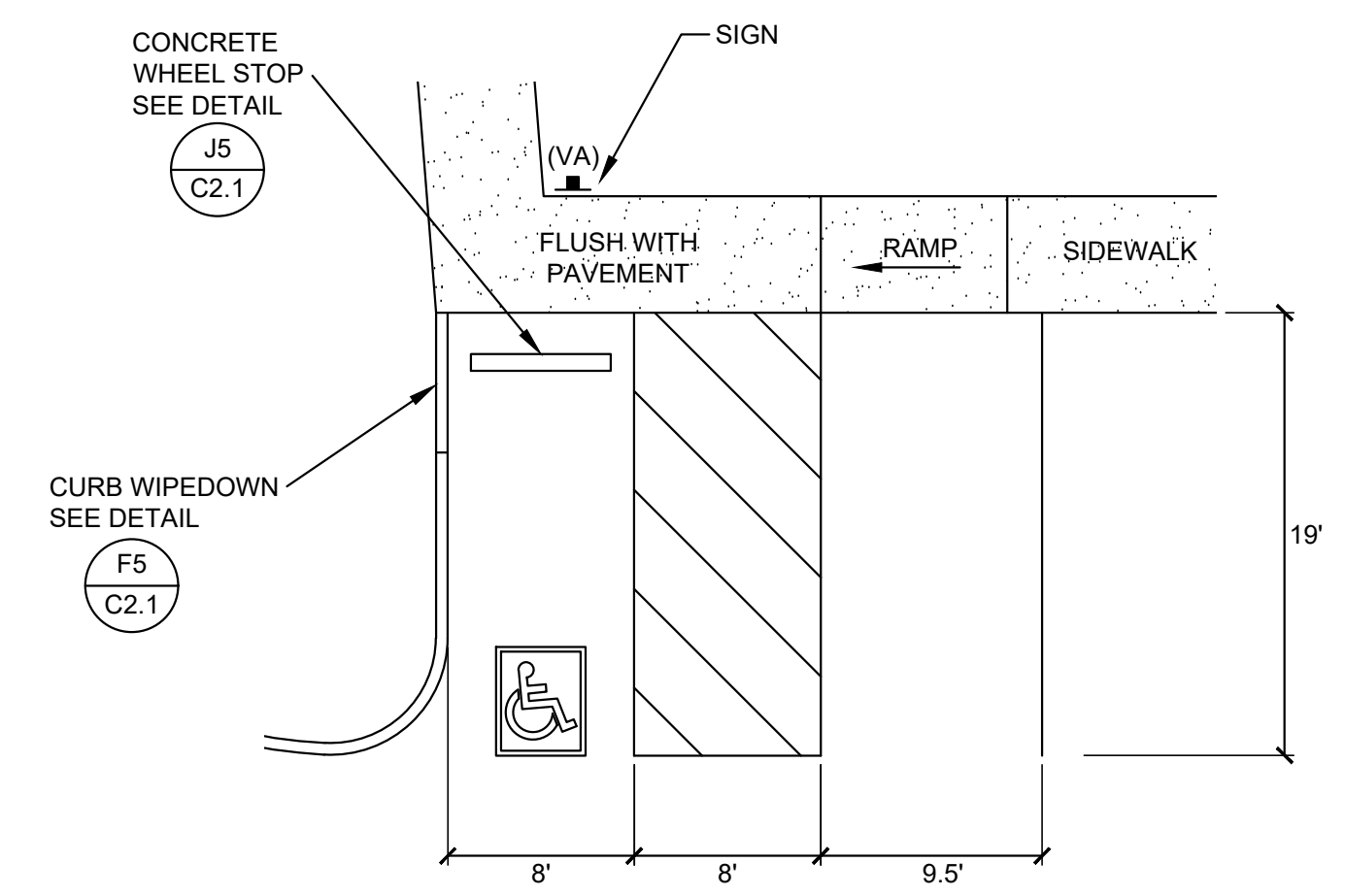
PAVEMENT MARKING



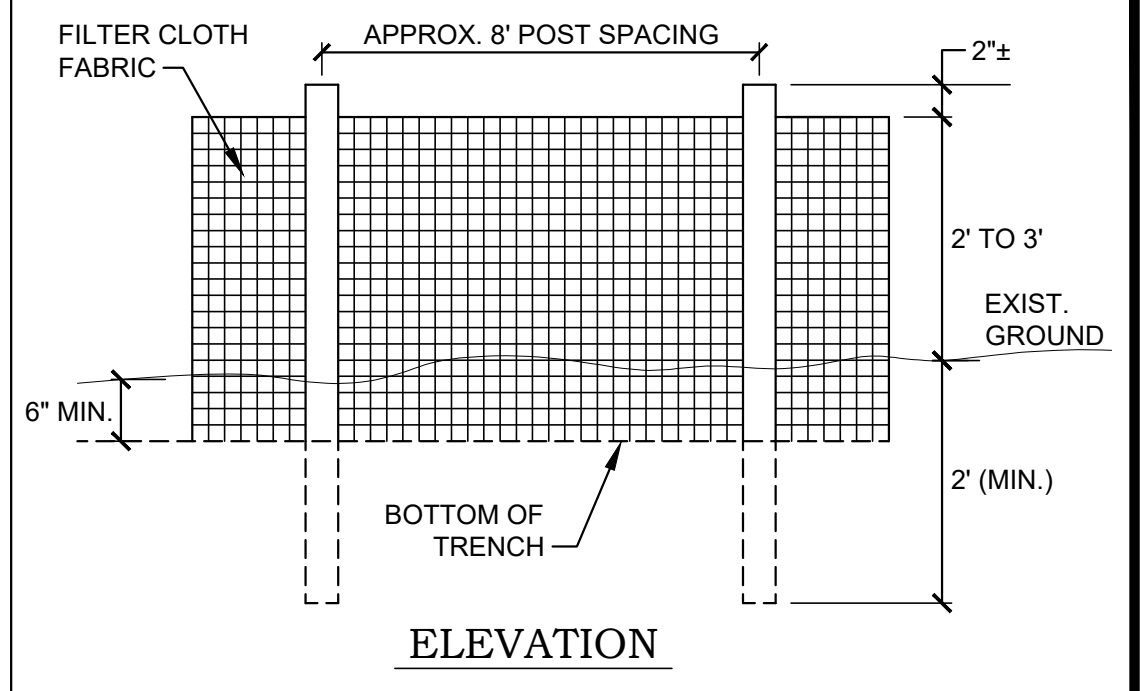
SIGN PLACEMENT



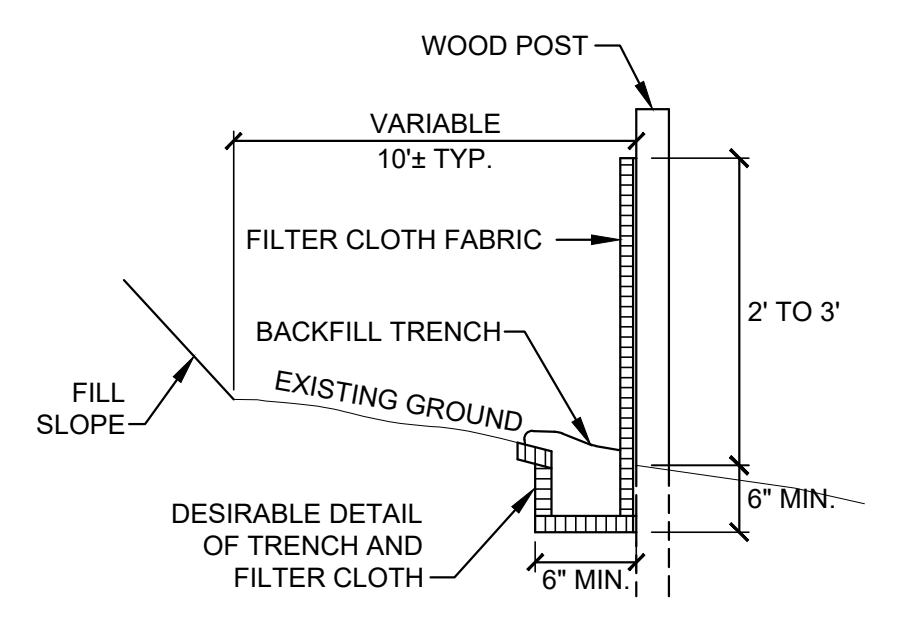
SIGN VAN ACCESSIBLE (VA)



A9 ADA PARKING
NOT TO SCALE



ELEVATION

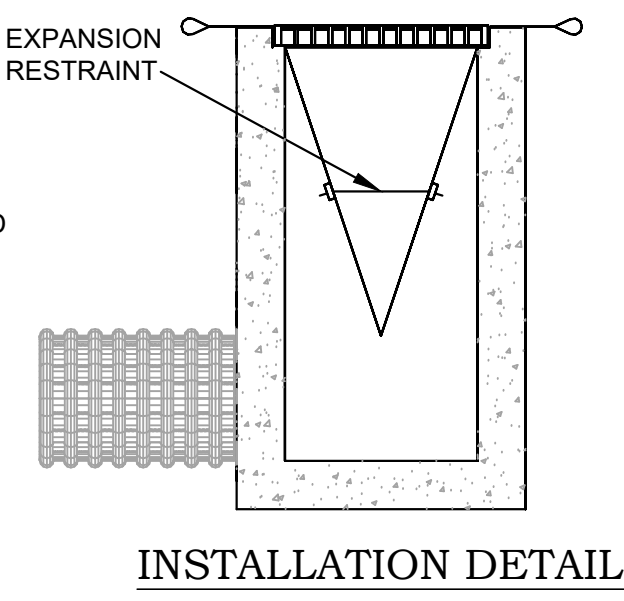


SECTION

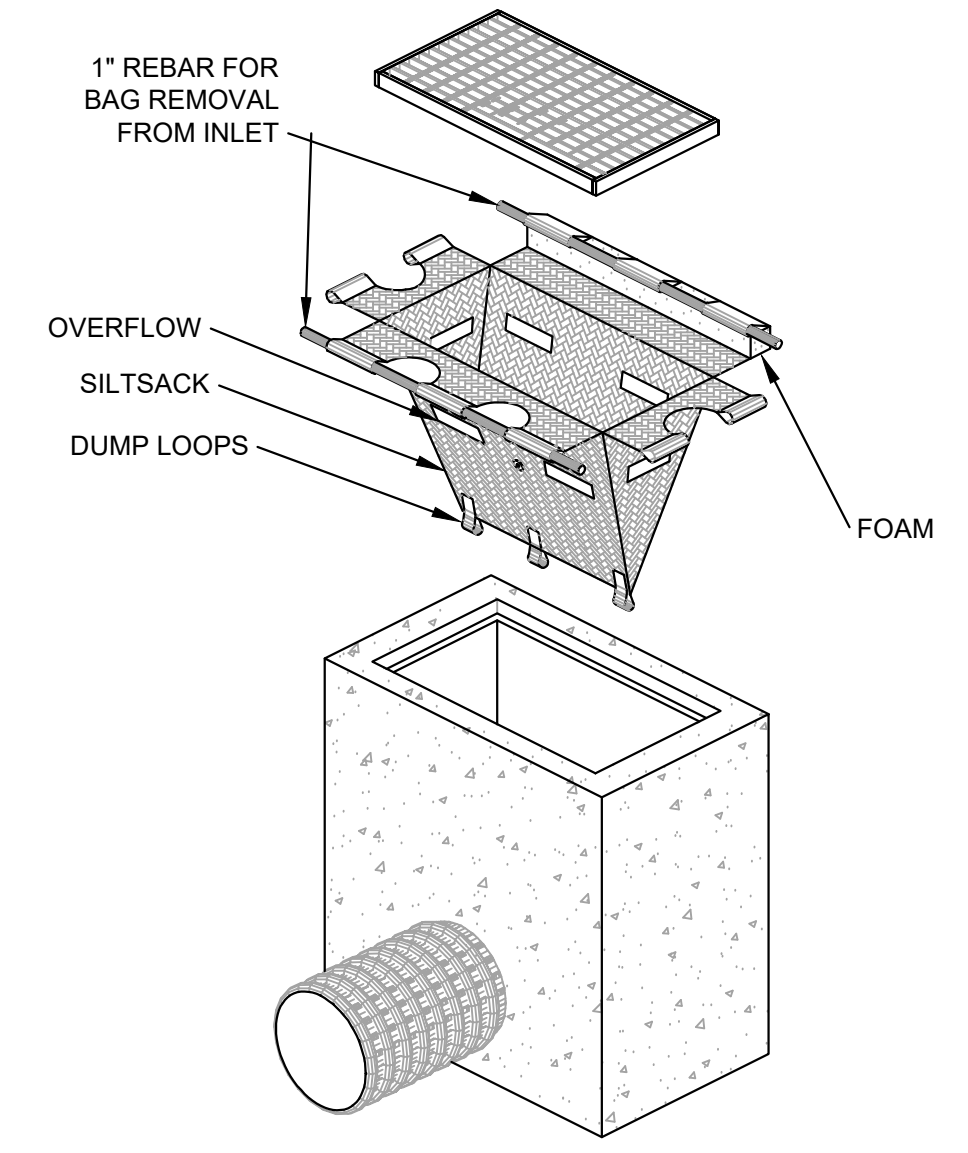
NOTE
A PRE-ASSEMBLED SILT FENCE MEETING THE REQUIREMENTS OF THIS DRAWING IS ACCEPTABLE IN LIEU OF A FIELD CONSTRUCTED SILT FENCE.

G14 SILT FENCE (TEMPORARY)
NOT TO SCALE

NOTE
SILTSACK AS MANUFACTURED BY ACF ENVIRONMENTAL. TYPE A FOR AREA DRAINS, TYPE B FOR CURB INLETS, SHALL BE SUPPLIED WITH OPTIONAL OVERFLOW.



INSTALLATION DETAIL



A14 INLET PROTECTION (TEMP.)
NOT TO SCALE

C2RL, INC engineers
240 W. Bessemer Street, Alcoa, TN 37701
ph. 865.980.3500 fax. 865.980.3555

DATE: _____

REVISIONS:

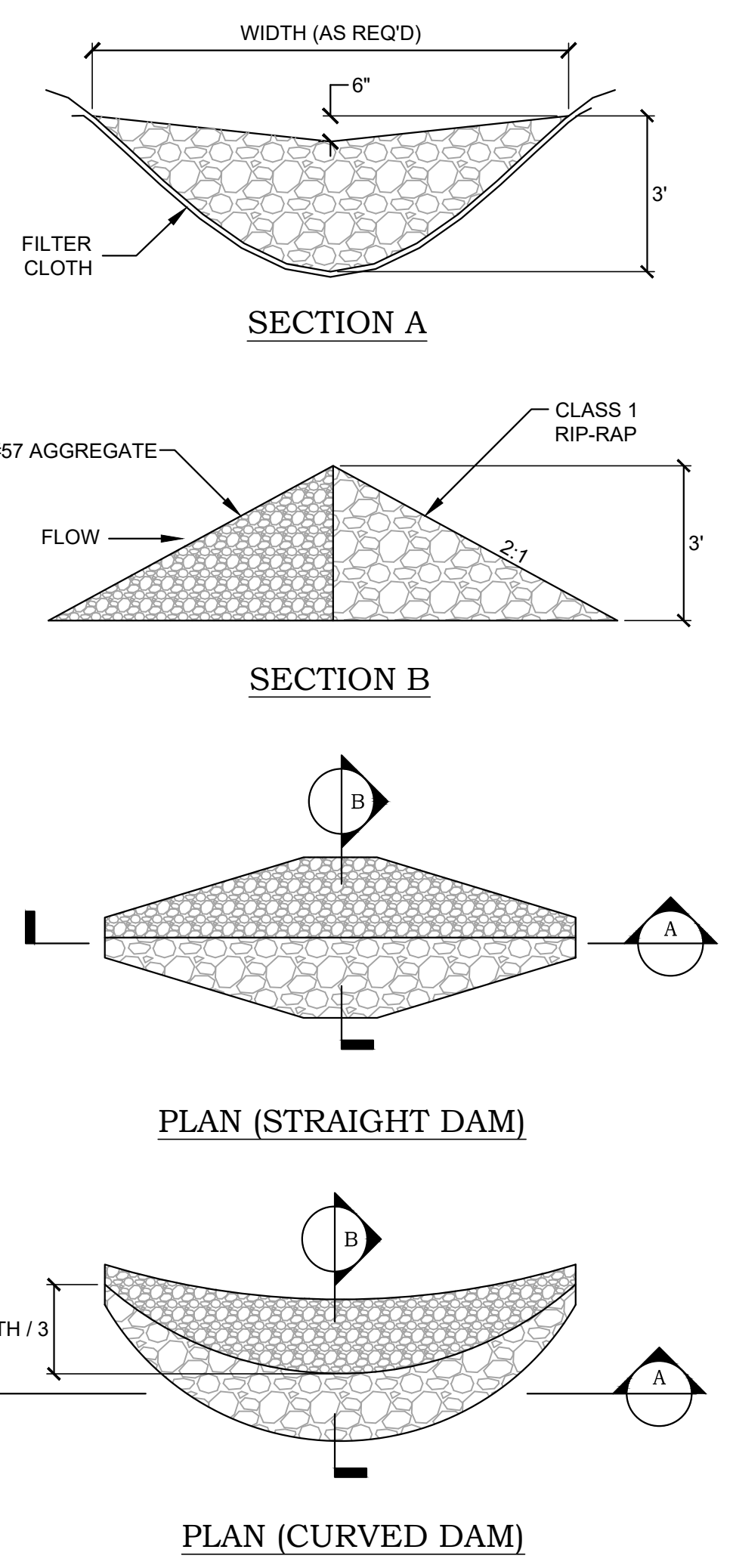
New Office Headquarters
Rockford, Tennessee
AI Blankship Enterprise
Knoxville, Tennessee
Details

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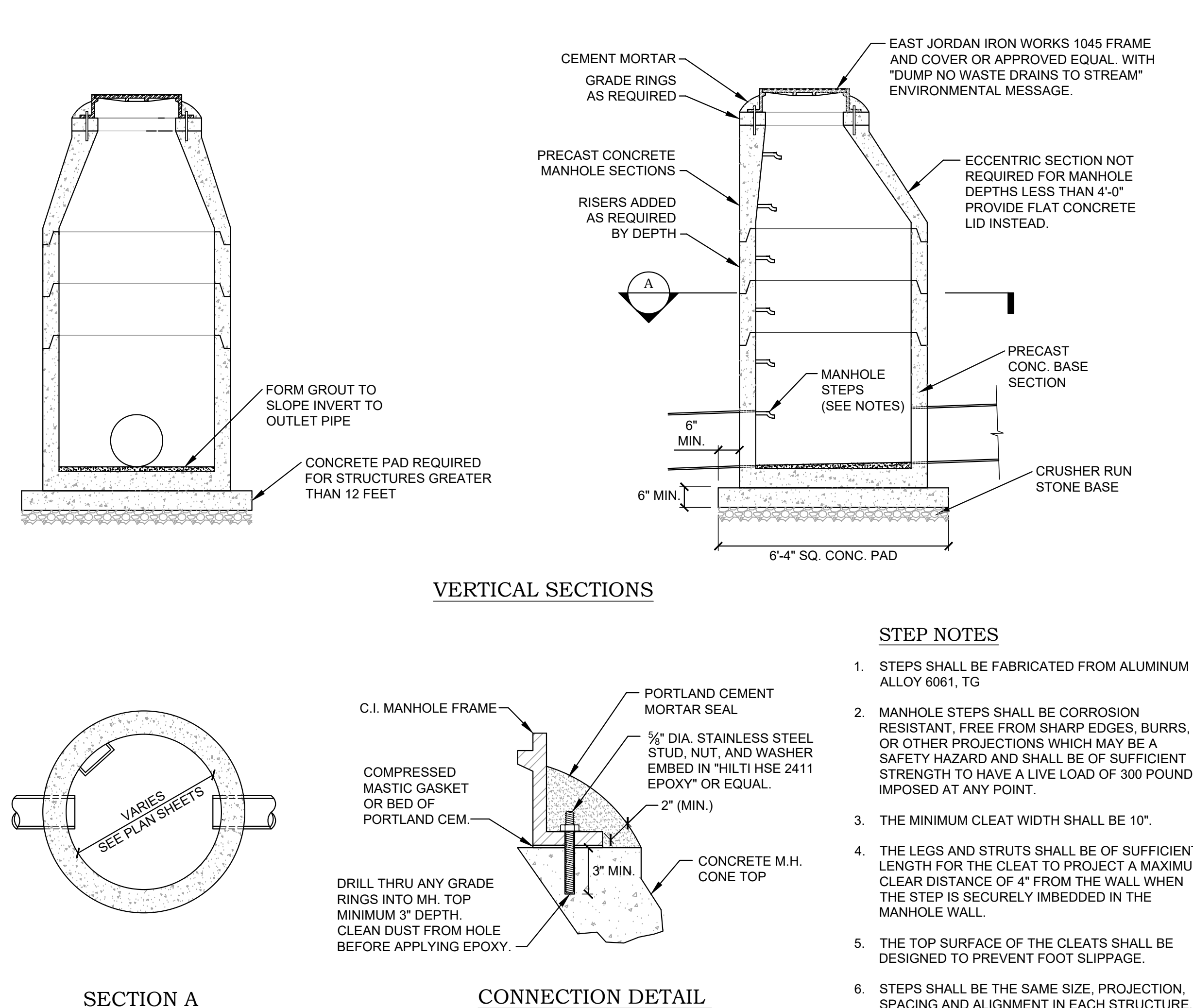
JOB NO: 314.05
DATE: 10.17.24
DRAWN: TCC
CHECKED: CJS

C2.1
SHEET NO.

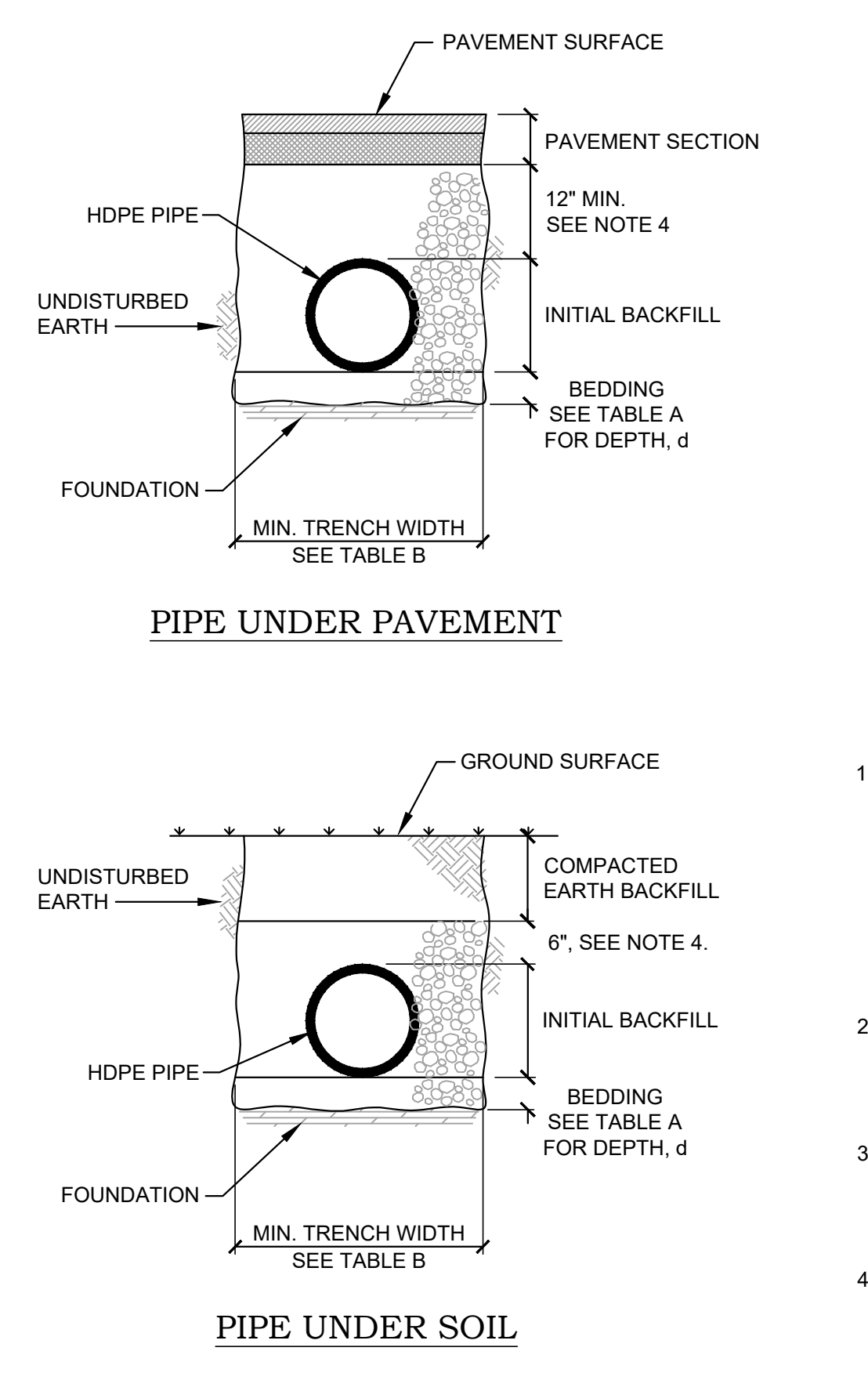
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G1 ROCK CHECK DAM (TEMPORARY)
NOT TO SCALE



G4 STORM WATER MANHOLE
NOT TO SCALE



- NOTES**
- FOUNDATION:** WHERE THE TRENCH BOTTOM IS UNSTABLE, THE CONTRACTOR SHALL EXCAVATE TO A DEPTH REQUIRED BY THE ENGINEER AND REPLACE WITH A FOUNDATION OF TDOT CLASS A, GRADING D MATERIAL, AS AN ALTERNATIVE AND AT THE DISCRETION OF THE ENGINEER, THE TRENCH BOTTOM MAY BE STABILIZED USING A WOVEN GEOTEXTILE FABRIC.
 - BEDDING:** MATERIAL USED SHALL BE CRUSHED STONE MEETING THE REQUIREMENTS OF TDOTSS, 2021, SECTION 903, GRADING SIZE #57 OR #67.
 - INITIAL BACKFILL:** MATERIAL USED SHALL BE CRUSHED STONE MEETING THE REQUIREMENTS OF TDOTSS, 2021, SECTION 903, GRADING SIZE #57 OR #67.
 - BACKFILL:** MATERIAL USED SHALL BE CRUSHED STONE MEETING THE REQUIREMENTS OF TDOTSS, 2021, SECTION 903, GRADING SIZE #57 OR #67.

A1 PIPE BEDDING (HDPE)
NOT TO SCALE

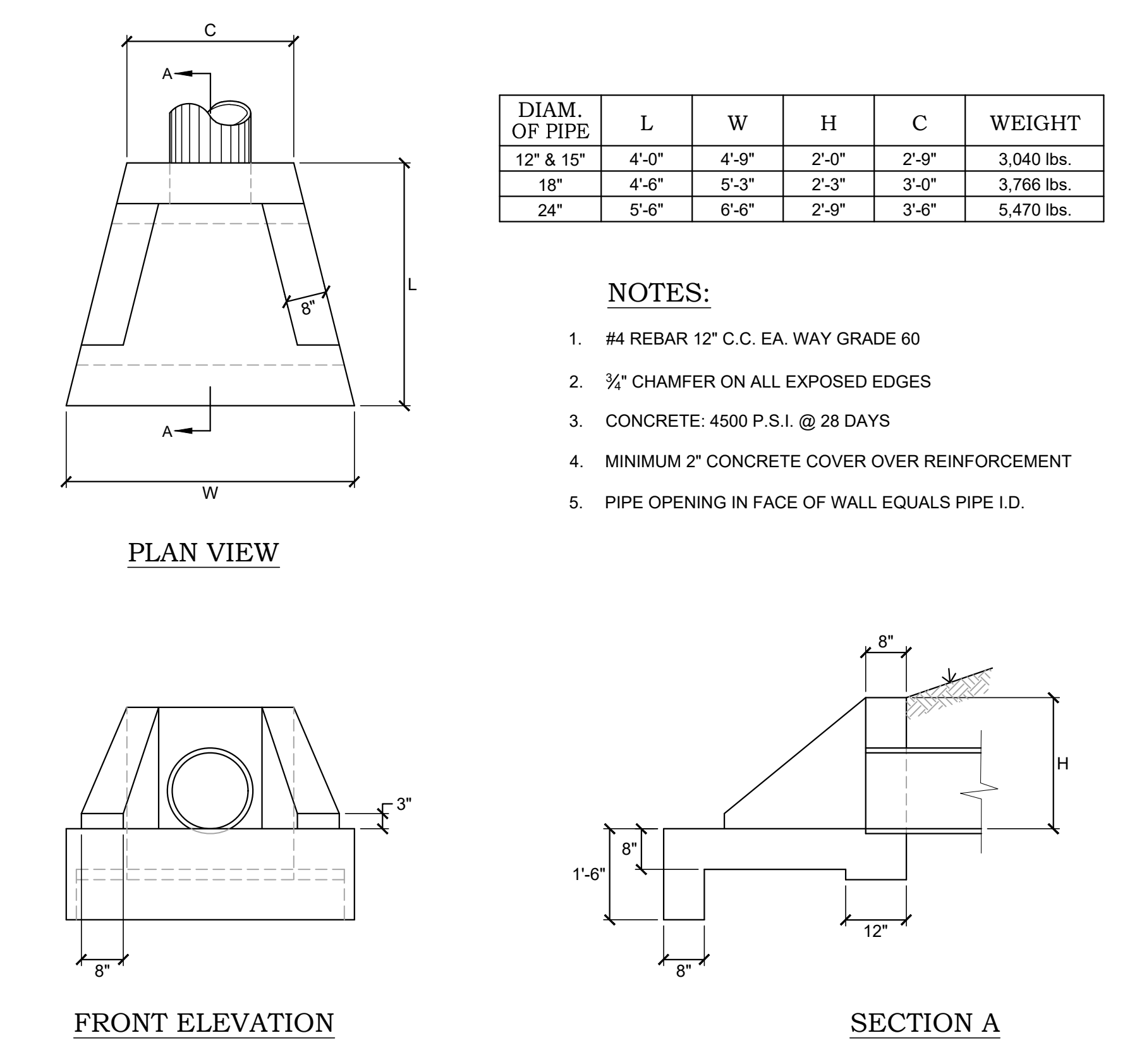
TABLE A

PIPE DIAM.	d (MIN.)
12" - 24"	4"
30" - 60"	6"

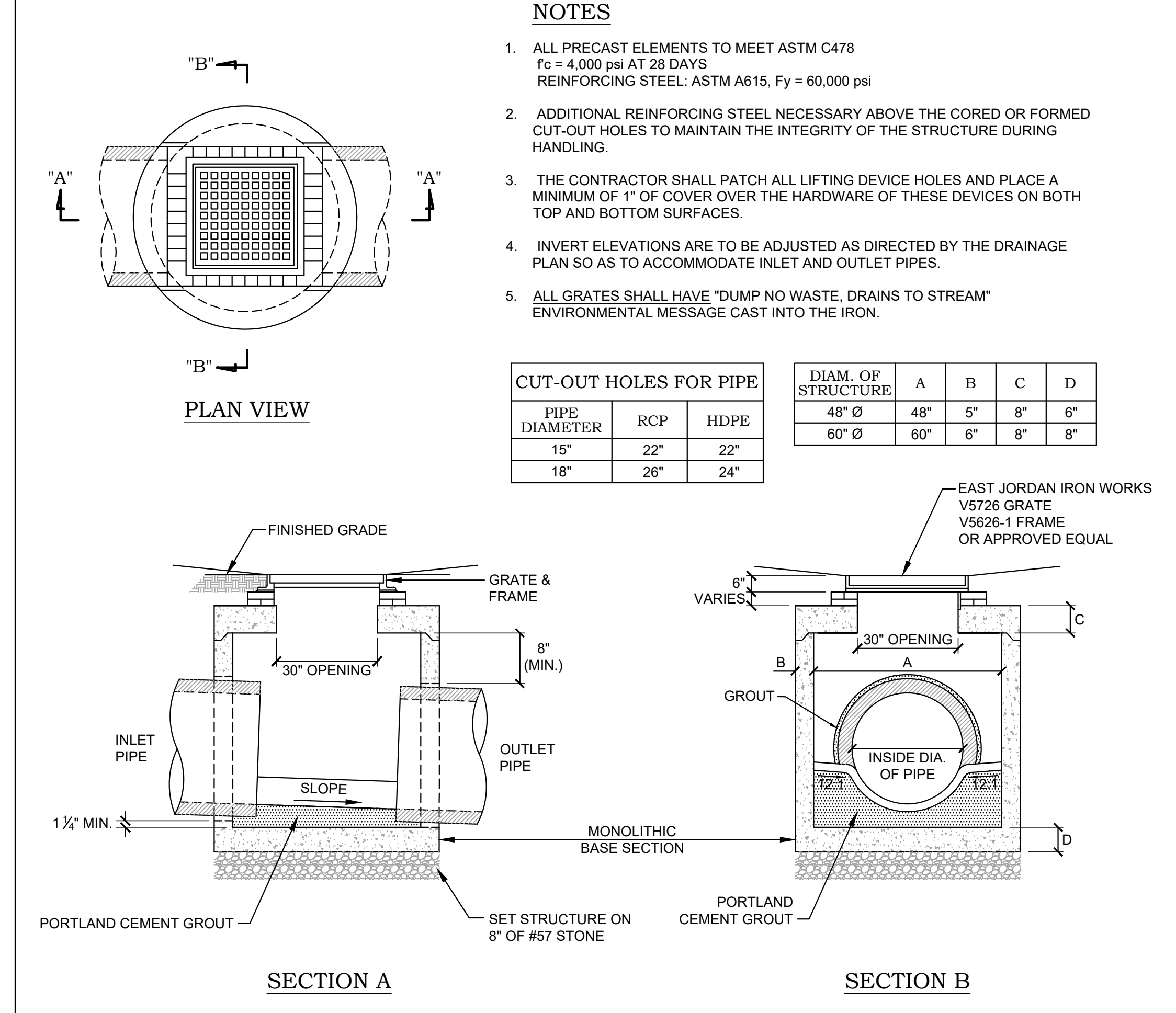
DEPTH OF BEDDING MATERIAL BELOW PIPE

TABLE B

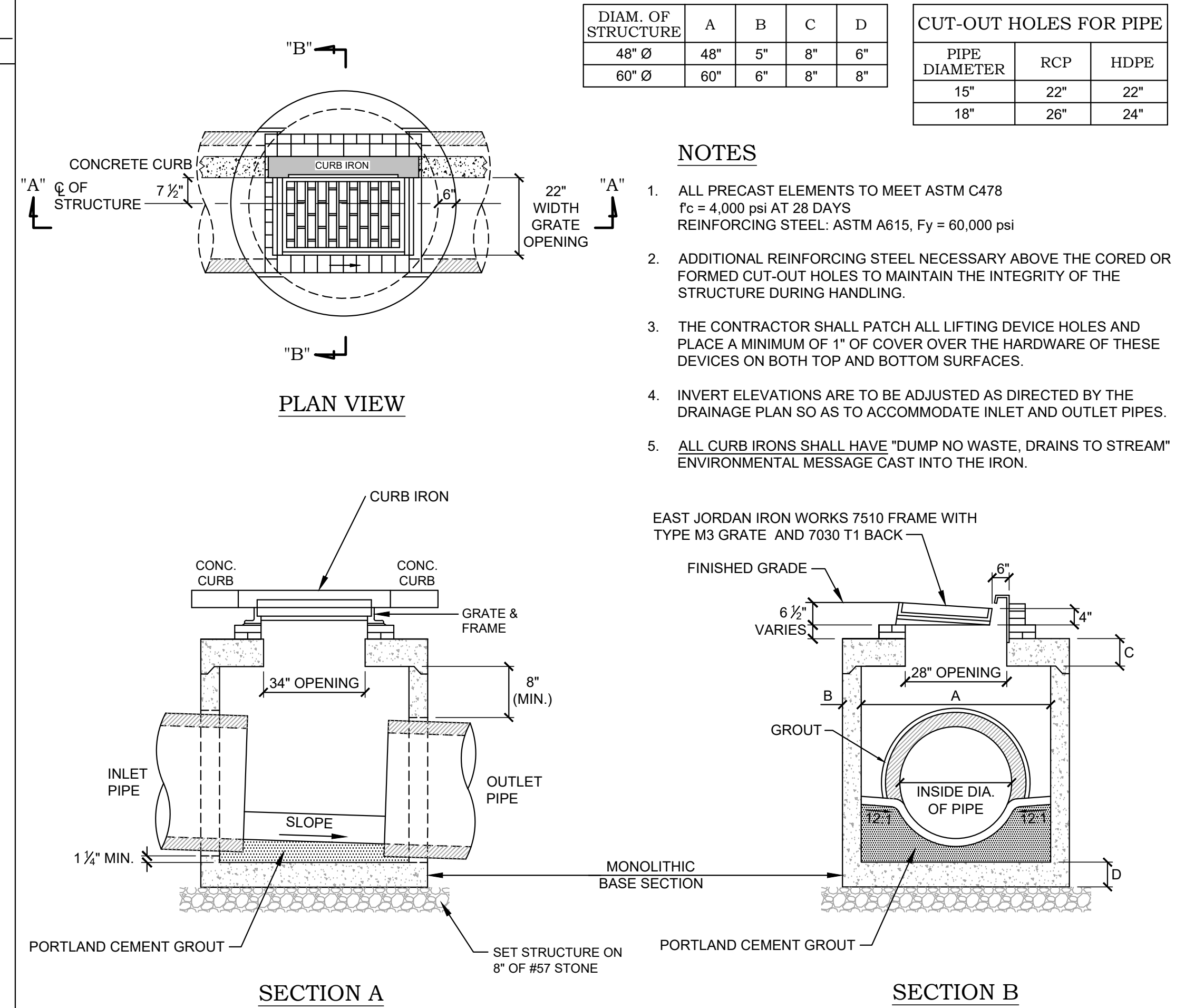
PIPE DIAM.	MIN. TRENCH WIDTH
15"	34"
18"	39"
24"	48"



A6 CONCRETE HEADWALL
NOT TO SCALE



G11 AREA DRAIN
NOT TO SCALE



A11 CURB INLET
NOT TO SCALE

C2RL, INC engineers
240 W. Bessemer Street, Alcoa, TN 37701
ph. 865.980.3500 fax. 865.980.3555

DATE: _____

REVISIONS: _____

New Office Headquarters
Rockford, Tennessee

Al Blankenship Enterprise
Knoxville, Tennessee

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C2.2

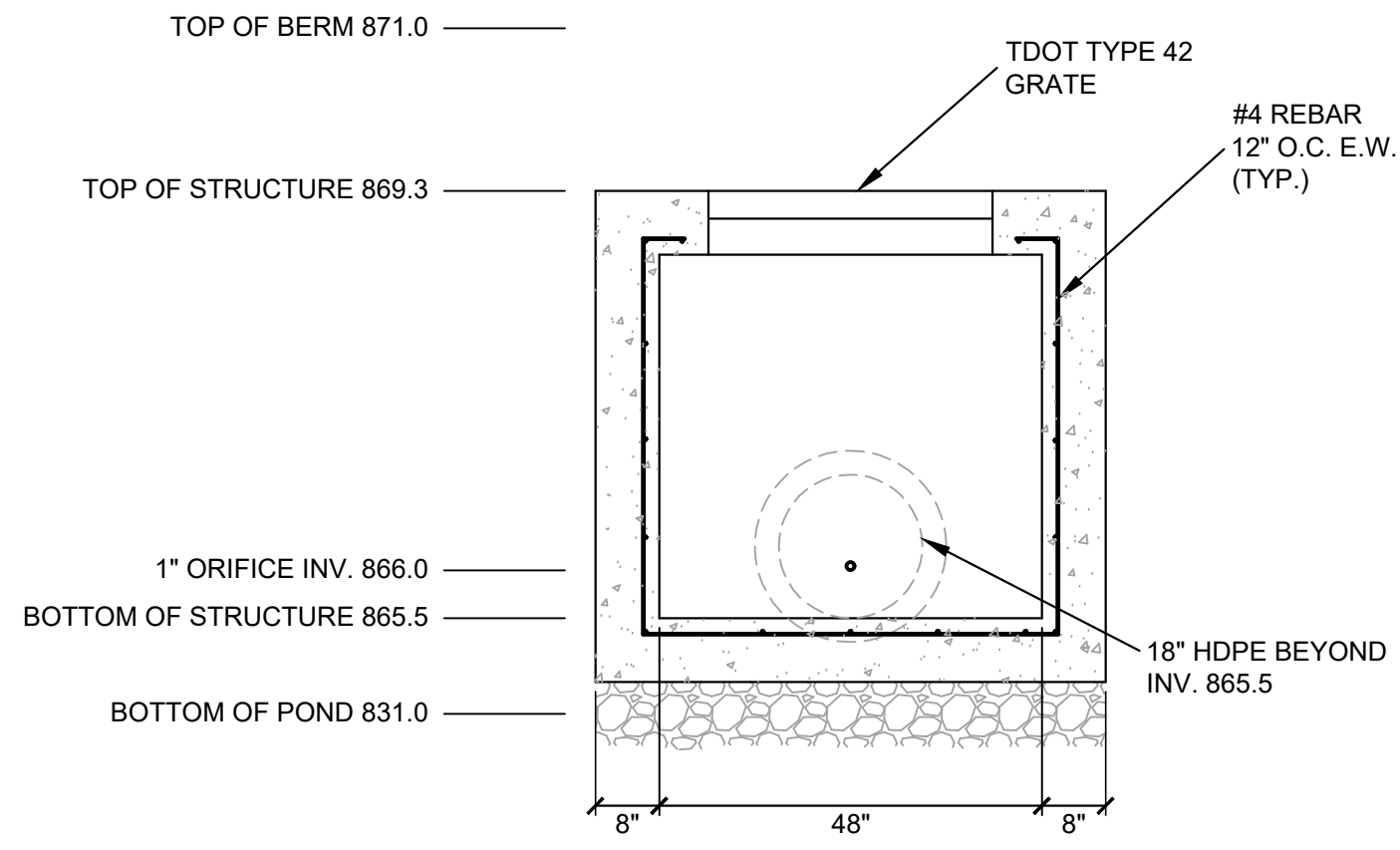
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PRECAST NOTES

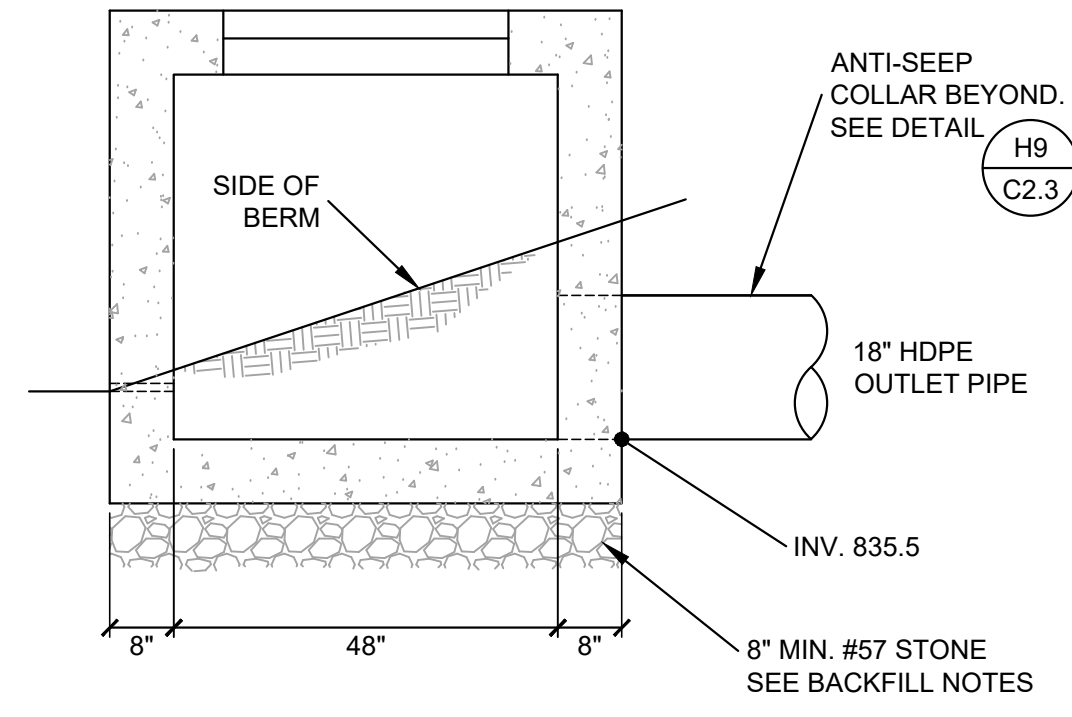
- ALL PRECAST ELEMENTS SHALL MEET ASTM C478 CONCRETE: $f_c = 4,000$ PSI AT 28 DAYS REINFORCING STEEL: ASTM A615, $f_y = 60,000$ PSI
- ADDITIONAL REINFORCING STEEL REQUIRED AROUND ANY FORMED OR CUT OUT HOLES TO MAINTAIN THE INTEGRITY OF THE STRUCTURE DURING HANDLING.

BACKFILL NOTES

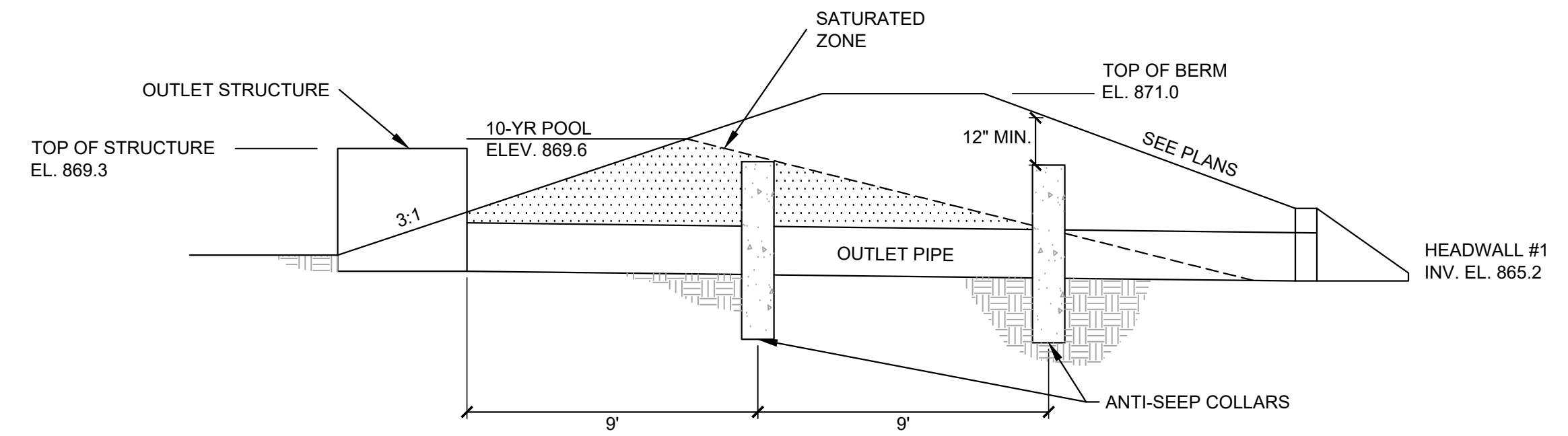
- LEVELING STONE SHALL BE PLACED UNDER STRUCTURE ONLY. STONE SHALL NOT EXTEND BEYOND OUTER WALL OF STRUCTURE.
- NO GRANULAR BACKFILL SHALL BE ALLOWED AROUND THE OUTLET PIPE OR ANYWHERE ELSE WITHIN THE CONSTRUCTED BERM.
- CONTRACTOR SHALL ENSURE GOOD COMPACTION AROUND THE OUTLET PIPE.
- SLOPES AROUND STRUCTURE SHALL BE ADJUSTED AS NECESSARY SO AS TO COMPLETELY COVER THE OUTLET PIPE.



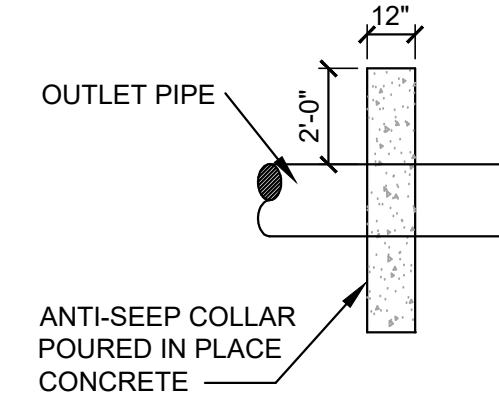
FRONT VIEW



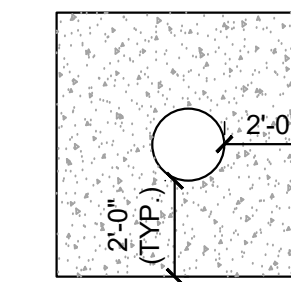
SIDE VIEW



SECTION
SCALE 1/4" = 1'



SECTION



ELEVATION

BERM AND ANTI-SEEP COLLAR NOTES

- DETENTION POND BERM SHALL BE COMPACTED TO 95% STANDARD PROCTOR MINIMUM.
- CONNECTION BETWEEN COLLAR AND PIPE SHALL BE WATERTIGHT.
- COLLARS SHALL BE PLACED ALLOWING A MINIMUM 2 FOOT CLEARANCE FROM ANY PIPE JOINT.
- COLLARS SHALL BE POURED-IN-PLACE CONCRETE TO THE MINIMUM DIMENSIONS SHOWN.
- IF CONDITIONS DO NOT ALLOW ANTI-SEEP COLLARS TO BE PLACED AS SHOWN FIELD ADJUSTMENTS MAY BE MADE AS LONG AS ALL COLLARS ARE PLACED WITHIN THE SATURATED ZONE AND ARE EQUALLY SPACED AS SHOWN.

H1 OUTLET STRUCTURE

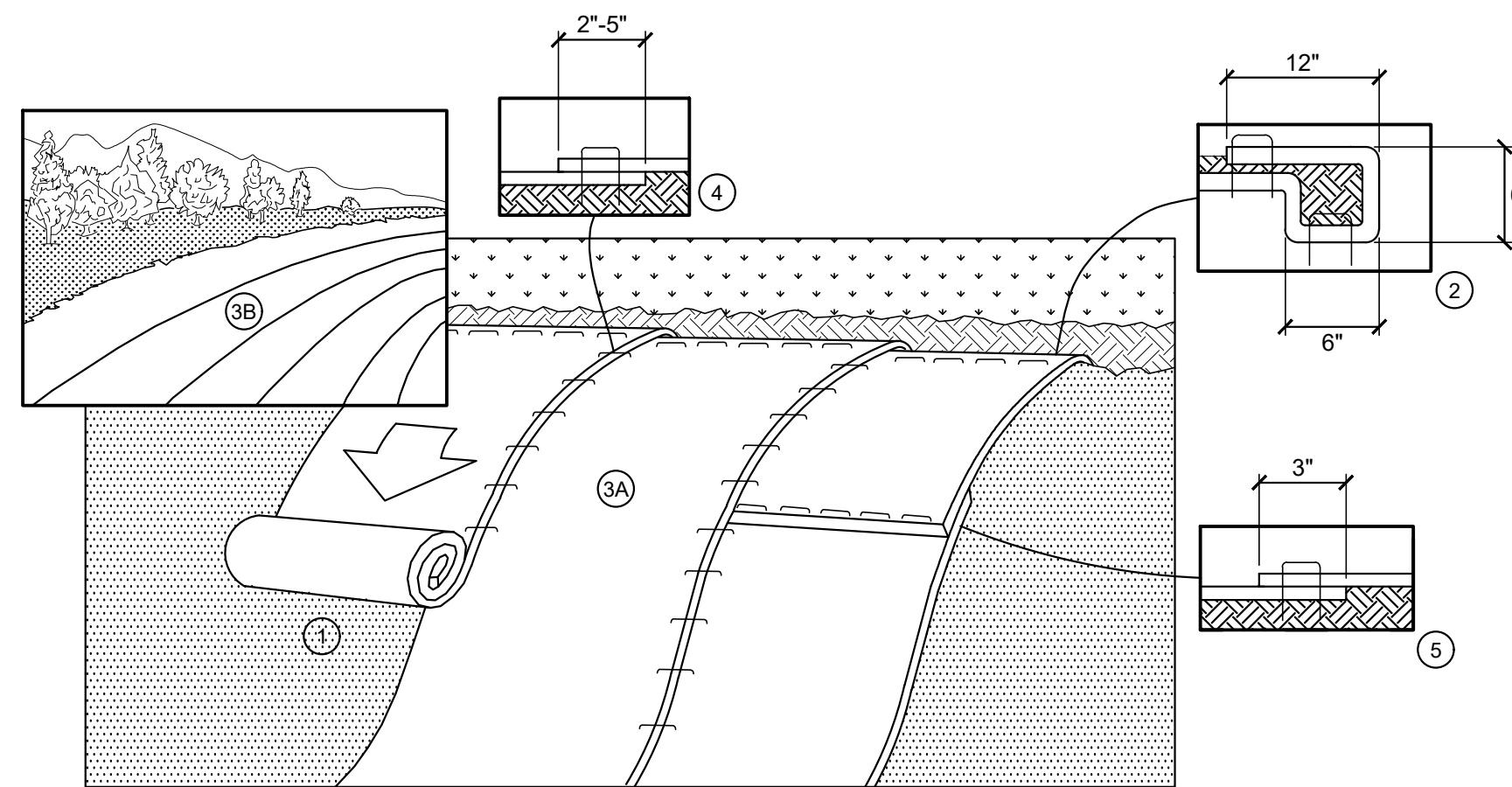
NOT TO SCALE

H9 ANTI-SEEP COLLARS

NOT TO SCALE

SLOPE INSTALLATION NOTES

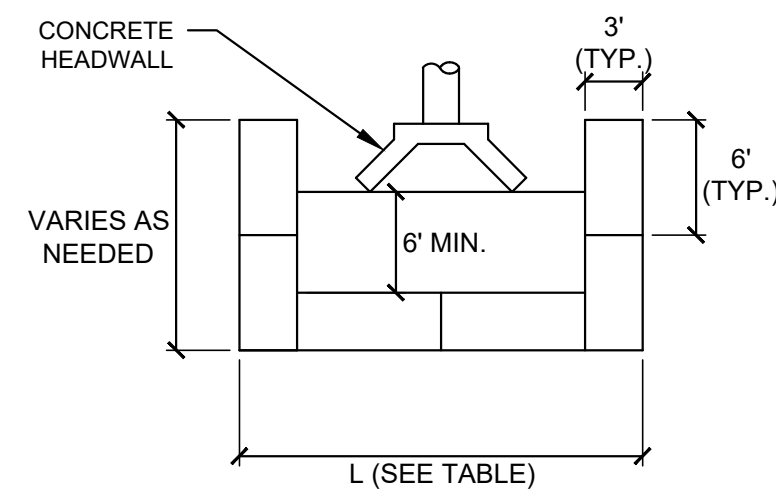
- PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED.
- BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN 6" DEEP X 6" WIDE TRENCH WITH APPROXIMATELY 12" OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO THE COMPACTED SOIL AND FOLD REMAINING 12" PORTION OF BLANKET BACK OVER SEED AND COMPACTED SOIL. SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" APART ACROSS THE WIDTH OF THE BLANKET.
- ROLL THE BLANKETS (A) DOWN OF (B) HORIZONTALLY ACROSS THE SLOPE. BLANKETS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS RECOMMENDED BY THE MANUFACTURER.
- THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2"-5" OVERLAP DEPENDING ON BLANKET TYPE.
- CONSECUTIVE BLANKETS SPICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART ACROSS ENTIRE BLANKET WIDTH.
- IN LOOSE SOIL CONDITIONS THE USE OF STAPLE OR STAKE LENGTH GREATER THAN 6" MAY BE NECESSARY TO PROPERLY SECURE BLANKETS.



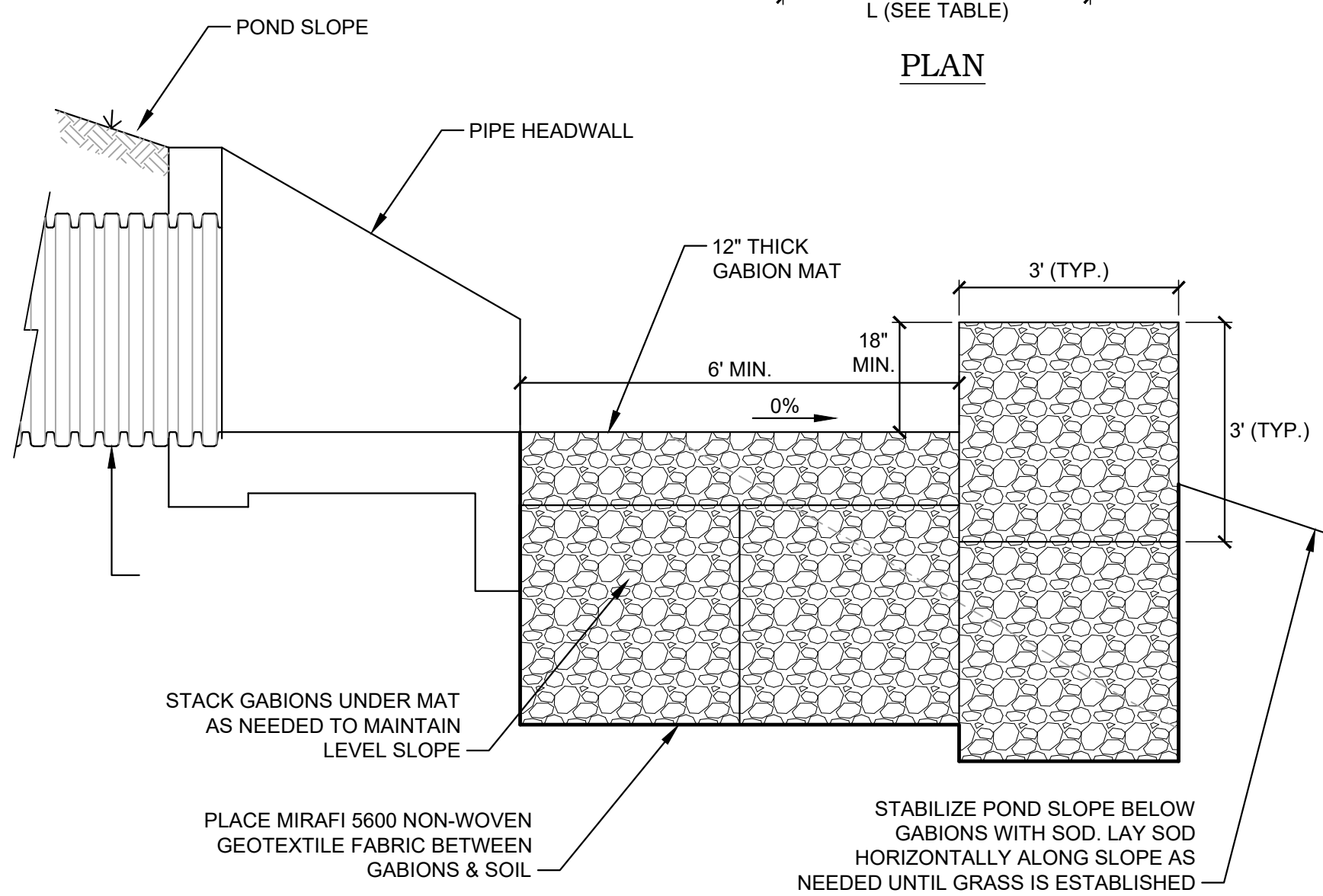
A1 EROSION CONTROL BLANKETS (SLOPES)

NOT TO SCALE

STRUCTURE	L
HW-1	18 FT



PLAN



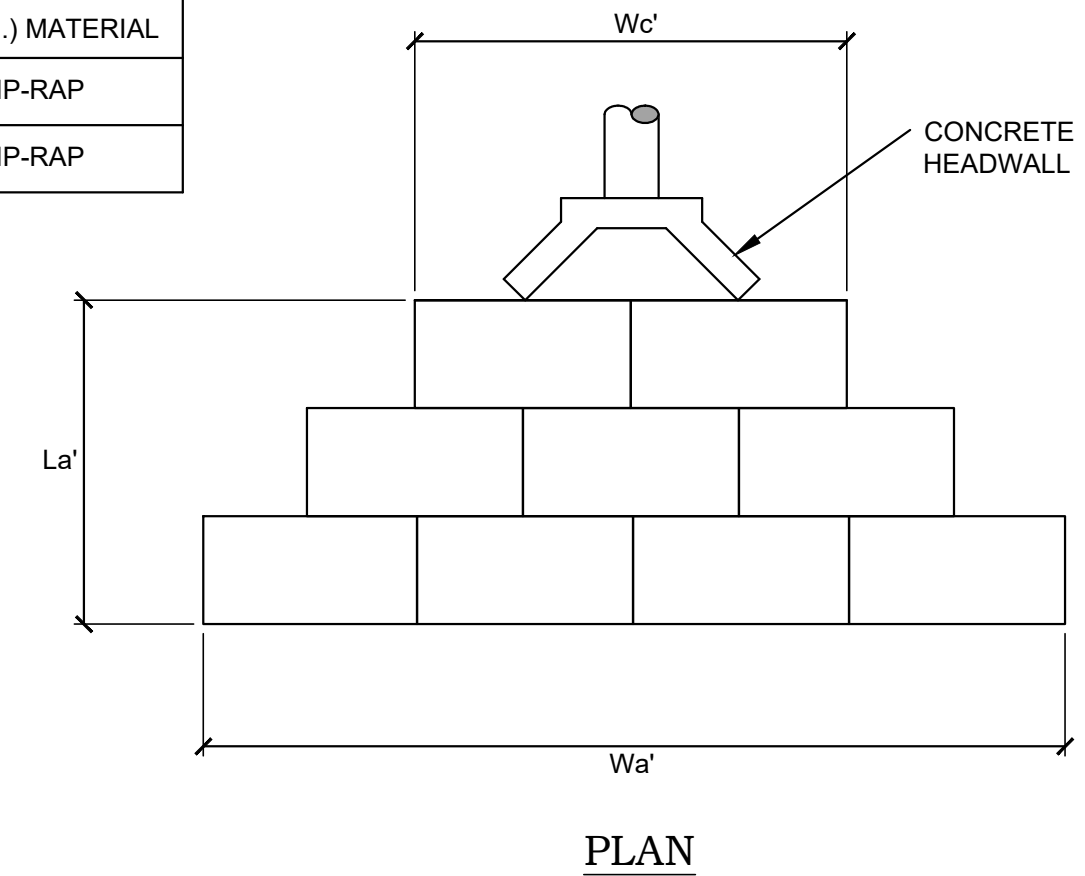
SECTION

A6 LEVEL SPREADER

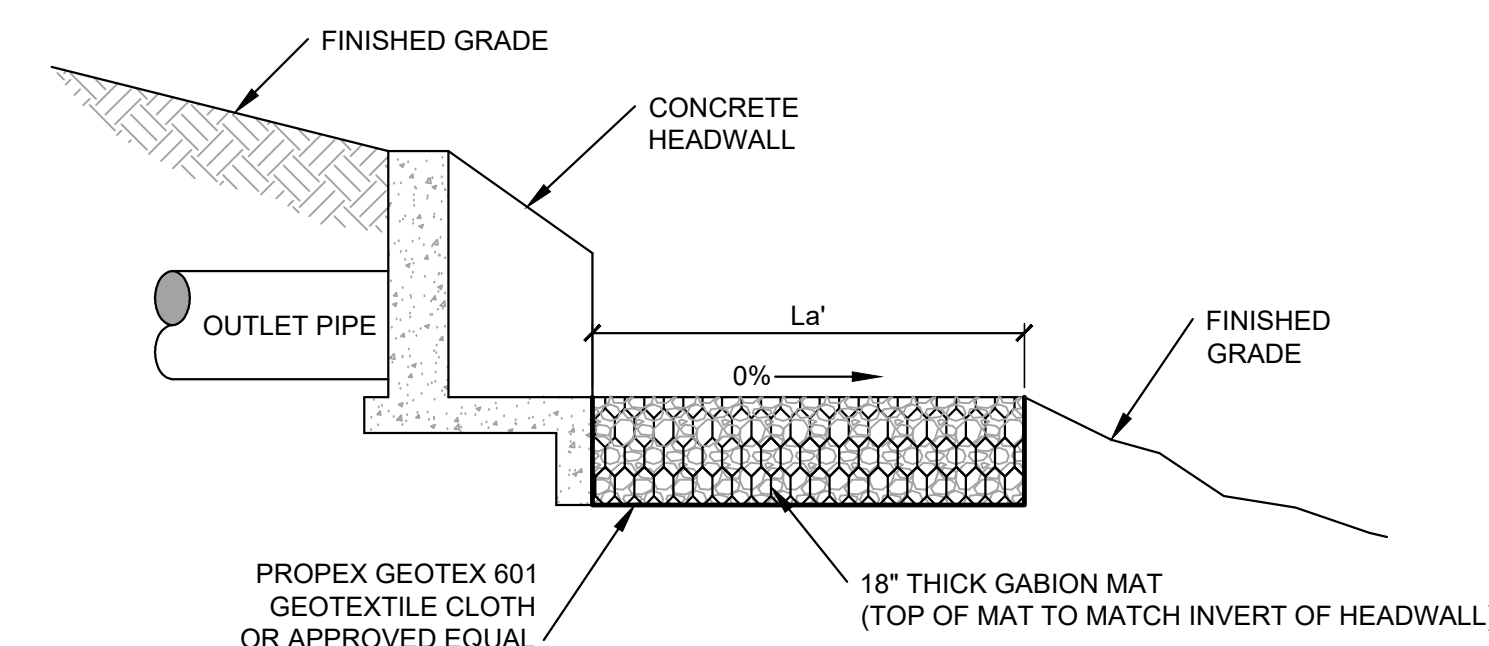
NOT TO SCALE

SCHEDULE

STRUCTURE	"La"	"Wa"	"Wc"	D ₅₀ (MIN.) MATERIAL
HW-2	9'	12'	6'	8" RIP-RAP
HW-4	9'	12'	6'	8" RIP-RAP



PLAN



SECTION

NOTE

ALL DIMENSIONS SHOWN ARE MINIMUM. CONTRACTOR MAY CHOOSE TO INCREASE DIMENSIONS TO USE AN EVEN NUMBER OF GABIONS AS LONG AS APRON REMAINS CENTERED ON HEADWALL.

A11 OUTLET PROTECTION - HEADWALL

NOT TO SCALE

C2RL, INC
engineers
240 W. Bessemer Street, Alcoa, TN 37701
ph. 865 980 3500 fax. 865 980 3555

REVISIONS:

NO.	DATE	DESCRIPTION

New Office Headquarters
Rockford, Tennessee
AI Blankenship Enterprise
Knoxville, Tennessee
Details

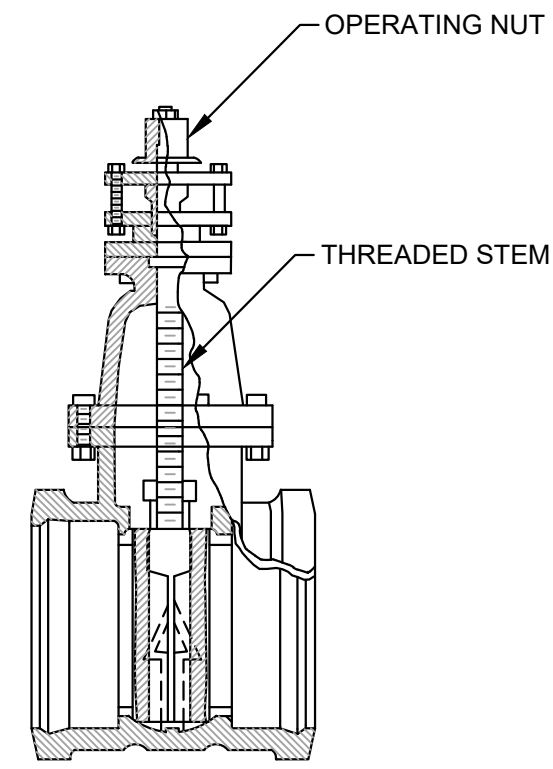
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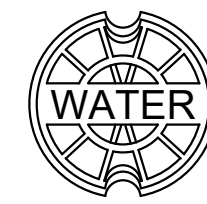
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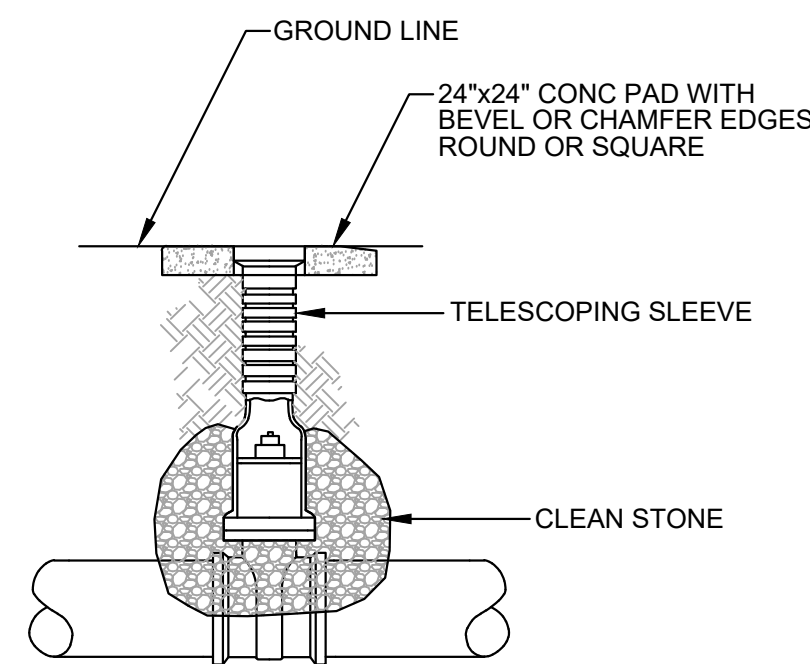


- NOTES**
- (A) GATE VALVES SHALL BE MECHANICAL JOINT, RESILIENT-SEAT TYPE, IRON BODY, NON-RISING STEM, "O"-RING, STEM SEAL TYPE, 2-INCH SQUARE OPERATING NUT, OPEN COUNTER-CLOCKWISE.
 - (B) GATE VALVES SHALL MEET THE LATEST REQUIREMENTS OF AWWA STANDARD C-509 OR C-515 (COMPACT).
 - (C) GATE VALVE PRESSURE RATINGS SHALL BE 200 PSIG.
 - (D) GATE VALVES MEETING THE LATEST REQUIREMENT OF AWWA STANDARD C-509.
 - (E) RUBBER-SEATED BUTTERFLY VALVES MEETING THE LATEST REQUIREMENTS OF AWWA STANDARD C-504 WILL BE ACCEPTABLE FOR USE ON 8-INCH OR GREATER PIPE. RUBBER-SEATED BUTTERFLY VALVES SHALL BE OPEN COUNTERCLOCKWISE, FURNISHED WITH A 2-INCH OPERATING NUT, MECHANICAL JOINT TYPE, CLASS 150-B.
 - (F) SHOP DRAWINGS OF BUTTERFLY VALVES MUST BE SUBMITTED TO THE ALCOA PUBLIC WORKS DEPARTMENT FOR APPROVAL.

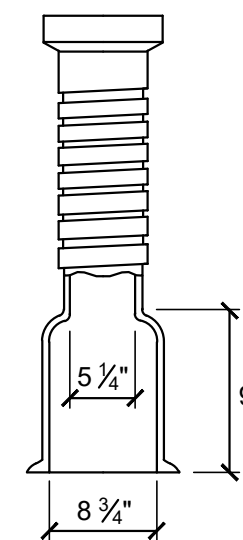
GATE VALVE SECTION
(CLOSED)



VALVE BOX LID
CAST IRON, TWO PIECE,
SCREW TYPE



VALVE & BOX INSTALLED

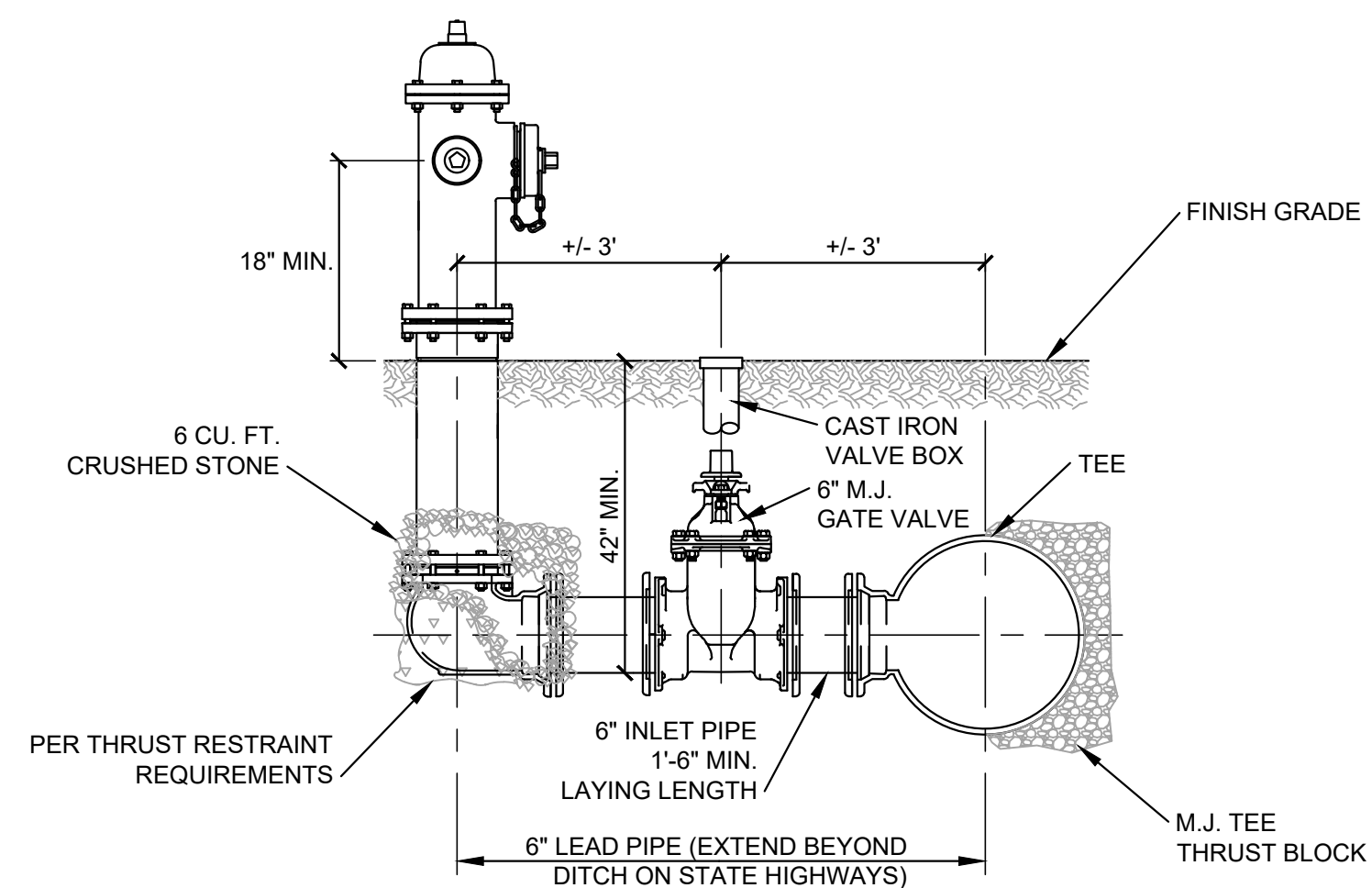


SCREW TYPE VALVE BOX

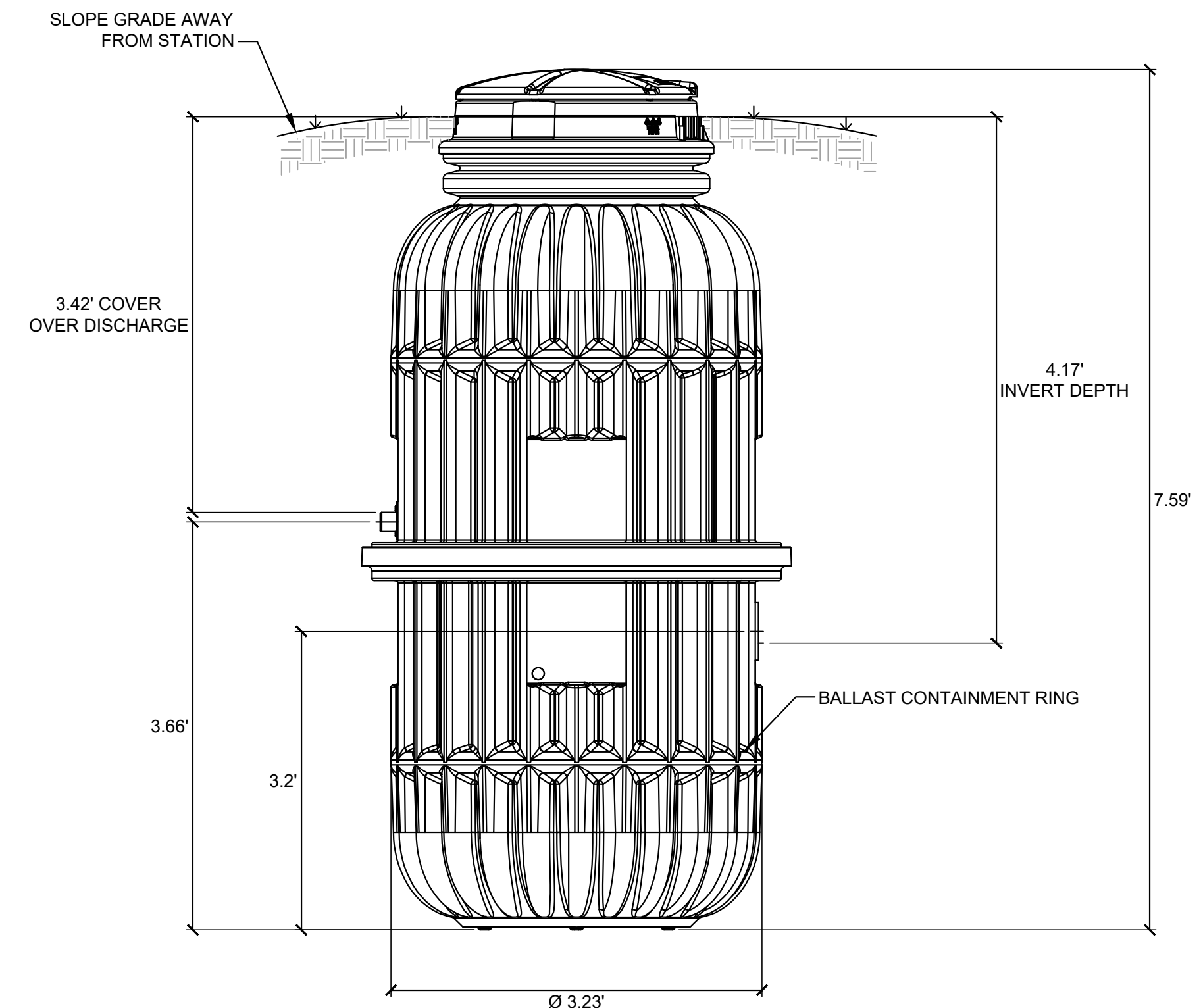
G5 WATER VALVE & VALVE BOX
NOT TO SCALE

NOTES

1. HYDRANT SHALL CONFORM TO THE LATEST REQUIREMENTS OF AWWA STANDARD C-502.
2. HYDRANT SHALL BE EQUIPPED WITH TWO 2 1/2" HOSE OUTLET NOZZLES AND ONE 4 1/2" PUMPER OUTLET NOZZLE.
3. NOZZLE THREAD SHALL CONFORM TO NFPA No. 194 FOR NATIONAL STANDARD FIRE HOSE COUPLING SCREW THREADS.
4. SIZE OF HYDRANT MAIN VALVE SHALL BE 5 1/2" NOMINAL DIAMETER.
5. SIZE OF HYDRANT INLET SHALL BE 6" M.J WITH ONE SET OF M.J ACCESSORIES.
6. OPERATING NUT SHALL OPEN COUNTERCLOCKWISE.
7. THE OPERATING NUT SHALL BE PENTAGONAL IN SHAPE. THE NUT SHALL NOT BE LESS THAN 1" IN HEIGHT, MEASURING 1 1/2" FROM POINT TO FLAT AT THE BASE OF THE NUT AND 1 1/4" AT THE TOP.
8. COLOR OF THE FINISH PAINT ABOVE GROUND SHALL BE OSHA YELLOW.
9. HYDRANT SHALL BE EQUIPPED WITH HARNESSING LUGS.
10. OUTLET NOZZLE-CAP CHAINS WILL NOT BE REQUIRED.
11. DEPTH OF BURY TO BE 42" (FROM FINISHED GRADE TO BOTTOM OF PIPE), THE CENTER OF THE PUMPER NOZZLE AND HOSE OUTLETS SHALL BE A MINIMUM OF 18" ABOVE FINISHED GRADE.
12. HYDRANT SHALL BE THE M & H VALVE CO. No. 129; MUELLER COMPANY CENTURION CATALOG No. A-423; OR THE AMERICAN CAST IRON PIPE COMPANY AMERICAN-DARLING CATALOG No. B-84-B.

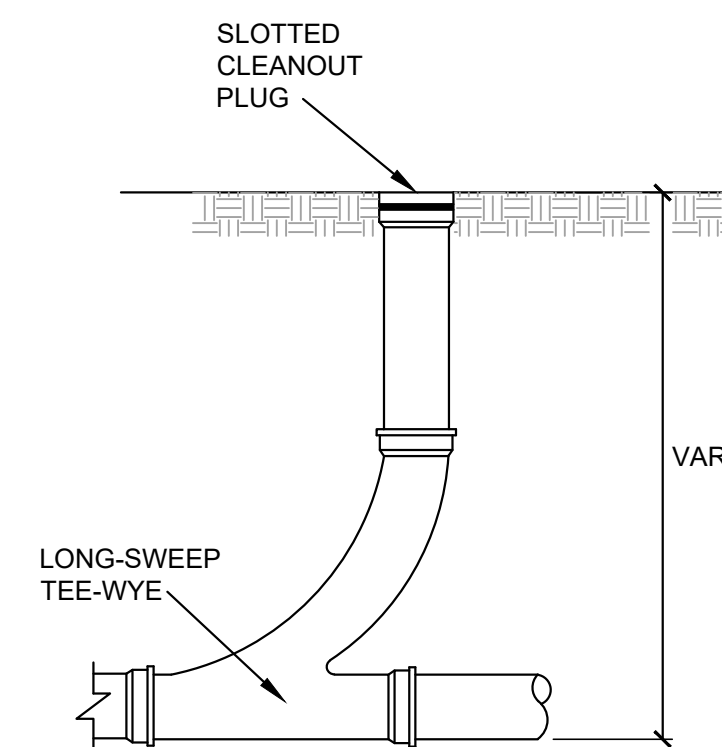


A5 FIRE HYDRANT ASSEMBLY
NOT TO SCALE



MODEL
E/One - MODEL #DH152 OR APPROVED EQUAL.

F11 GRINDER PUMP STATION
NOT TO SCALE



NOTES

1. USE LONG-SWEEP TEE-WYE WITH MIN. 2" NIPPLE.
2. SEE CITY OF ALCOA WASTEWATER COLLECTION CONSTRUCTION SPECIFICATIONS FOR FURTHER INFORMATION.
3. CLEANOUT PLUGS W/RAISED NUTS ARE PROHIBITED.

A11 SANITARY CLEANOUT
NOT TO SCALE

H:\Blankenship, Al Enterprise\314.05 - New Office Headquarters\02-Drawings\Sheets\C2 Details.dwg Plotted: November 1, 2024 11:25 AM By: Sharon Counts

C2RL, INC
engineers

240 W. Bessemer Street, Alcoa, TN 37701
ph. 865 980 3500 fax. 865 980 3555

DATE:	
REVISIONS:	

New Office Headquarters
Rockford, Tennessee

Al Blankenship Enterprise
Knoxville, Tennessee

Details

FOR REVIEW ONLY

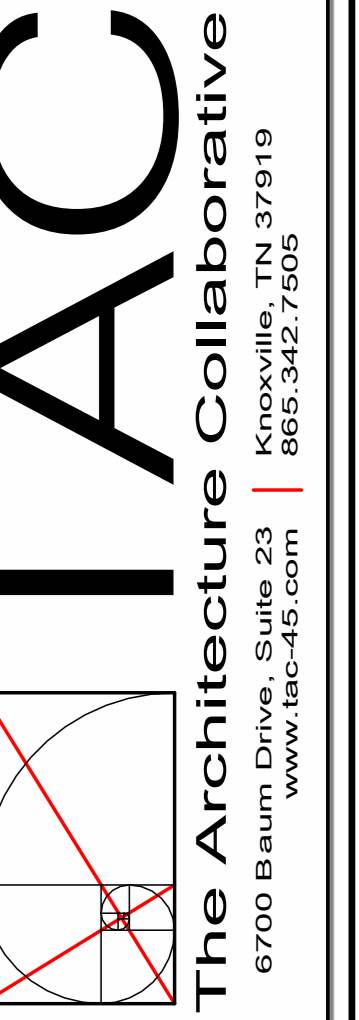
JOB NO: 314.05
DATE: 10.17.24
DRAWN: TCC
CHECKED: CJS

C2.4

SHEET NO.

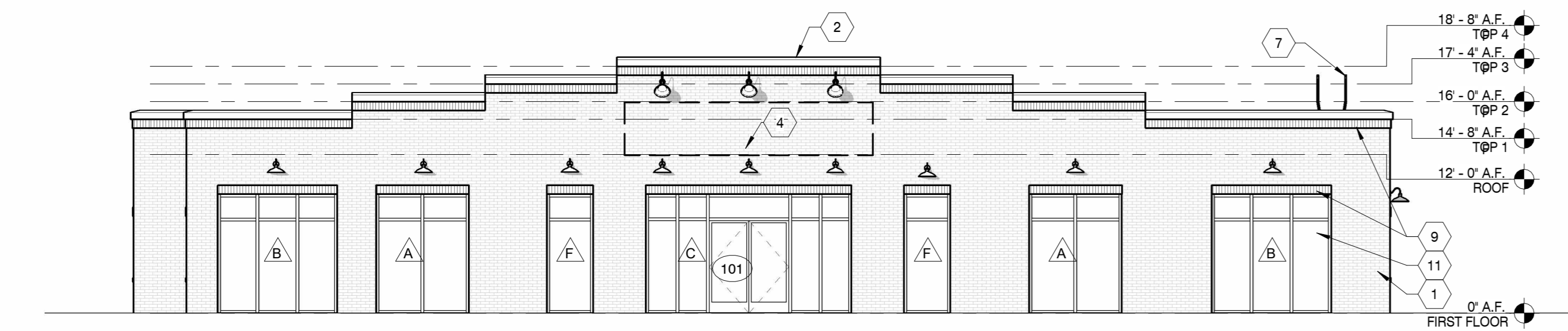
ELEVATION KEYNOTES

1. BRICK VENEER, COLOR TBD.
2. CONCRETE PARAPET GAP BY OWNER
3. PRE-FINISHED DOWNSPOUT AND GUTTER, BLACK FINISH, TYPICAL
4. SIGNAGE LOCATION. SIGNAGE TO BE SUBMITTED TO BLOUNT COUNTY FOR REVIEW, APPROVAL AND PERMITTING.
5. 8X8 WOOD COLUMN, PAINTED
6. PRE-FINISHED METAL FASCIA
7. EXTERIOR ACCESS SERVICE LADDER WITH LOCKABLE LADDER GUARD. PROVIDE BLOCKING AS REQUIRED.
8. BRICK ROWLOCK SILL, AT ALL WINDOWS
9. BRICK SOLDIER COURSING, AT ALL WINDOWS AND DOORS AND CORNICE
10. ALUMINUM DOWNSPOUT AND CONDUCTOR HEAD WITH OVERFLOW SPOUT - FINISH TO BE BLACK - CONFIRM WITH ARCHITECT.
11. PRE-FINISHED ALUMINUM STOREFRONT, SEE A2.2 FOR ELEVATIONS AND DETAILS

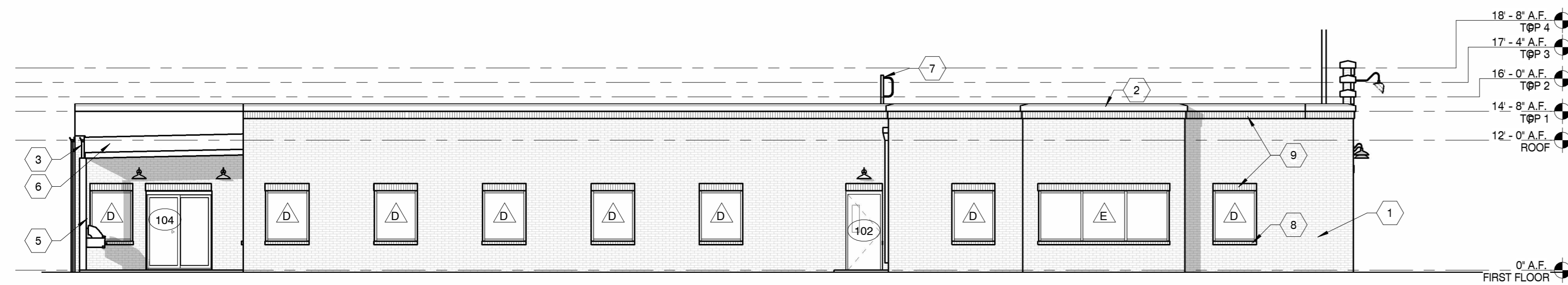


AL BLANKENSHIP ENTERPRISES - OFFICE

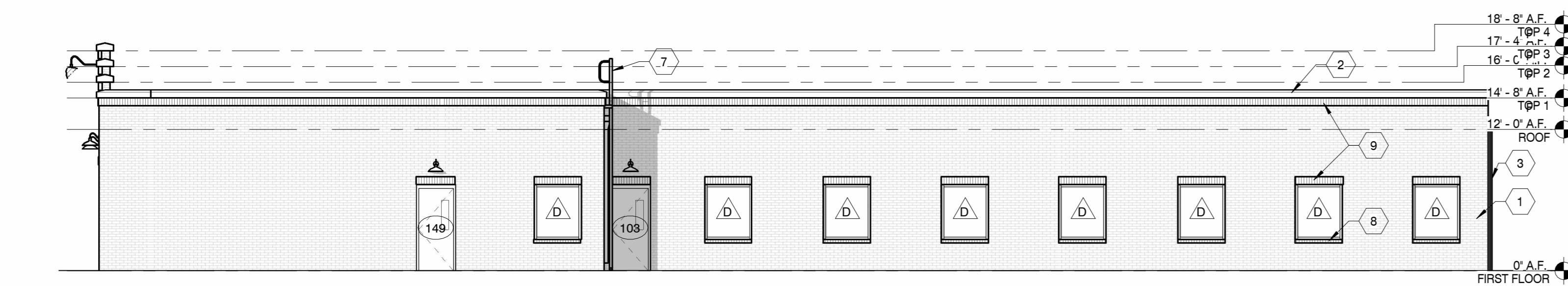
A NEW HEADQUARTERS OFFICE FOR:
560 NATIONAL DRIVE
MARYVILLE, TN (BLOUNT COUNTY)



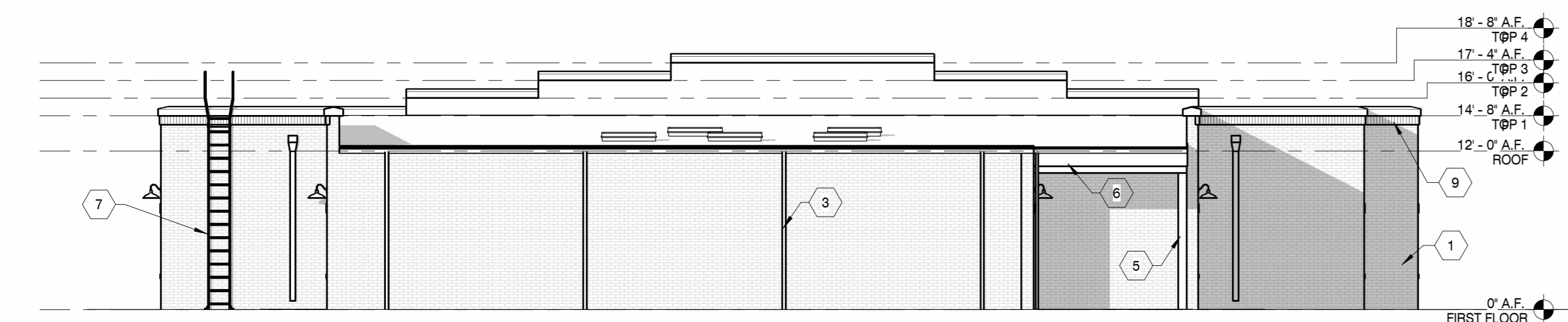
1 FRONT ELEVATION
1/8" = 1'-0"



2 LEFT ELEVATION
1/8" = 1'-0"



3 RIGHT ELEVATION
1/8" = 1'-0"



4 REAR ELEVATION
1/8" = 1'-0"

THIS DRAWING IS ISSUED FOR:
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Revisions:

No.	Date

Drawing Title:
EXTERIOR ELEVATIONS

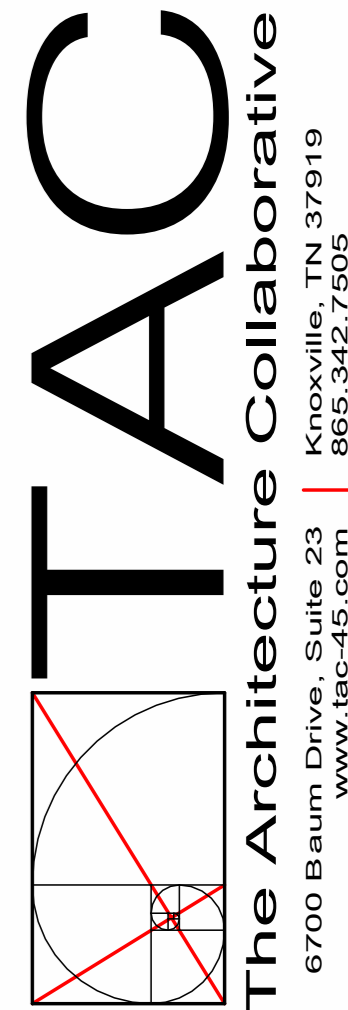
Date: 10/11/2024

Project No.
24029

Sheet No.
A4.1

ELEVATION KEYNOTES

- 1. CONCRETE MASONRY UNITS, PAINTED
- 2. METAL ROOF
- 3. METAL PANEL WALL, MATCH METAL ROOF
- 4. RIDGE VENT



AL BLANKENSHIP ENTERPRISES

A NEW STORAGE BUILDING FOR:

560 NATIONAL DRIVE
MARYVILLE, TN (BLOUNT COUNTY)

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Revisions:

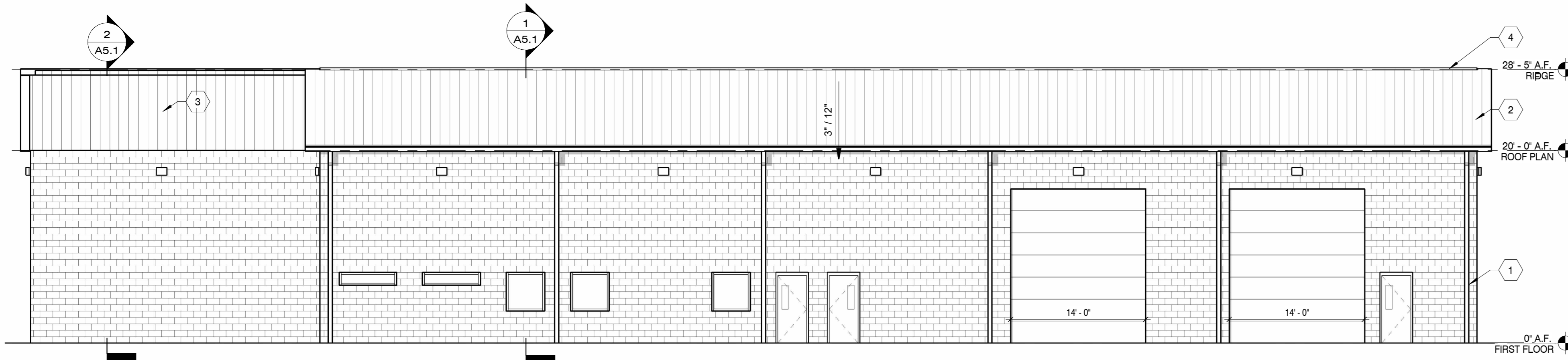
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Drawing Title:
EXTERIOR ELEVATIONS

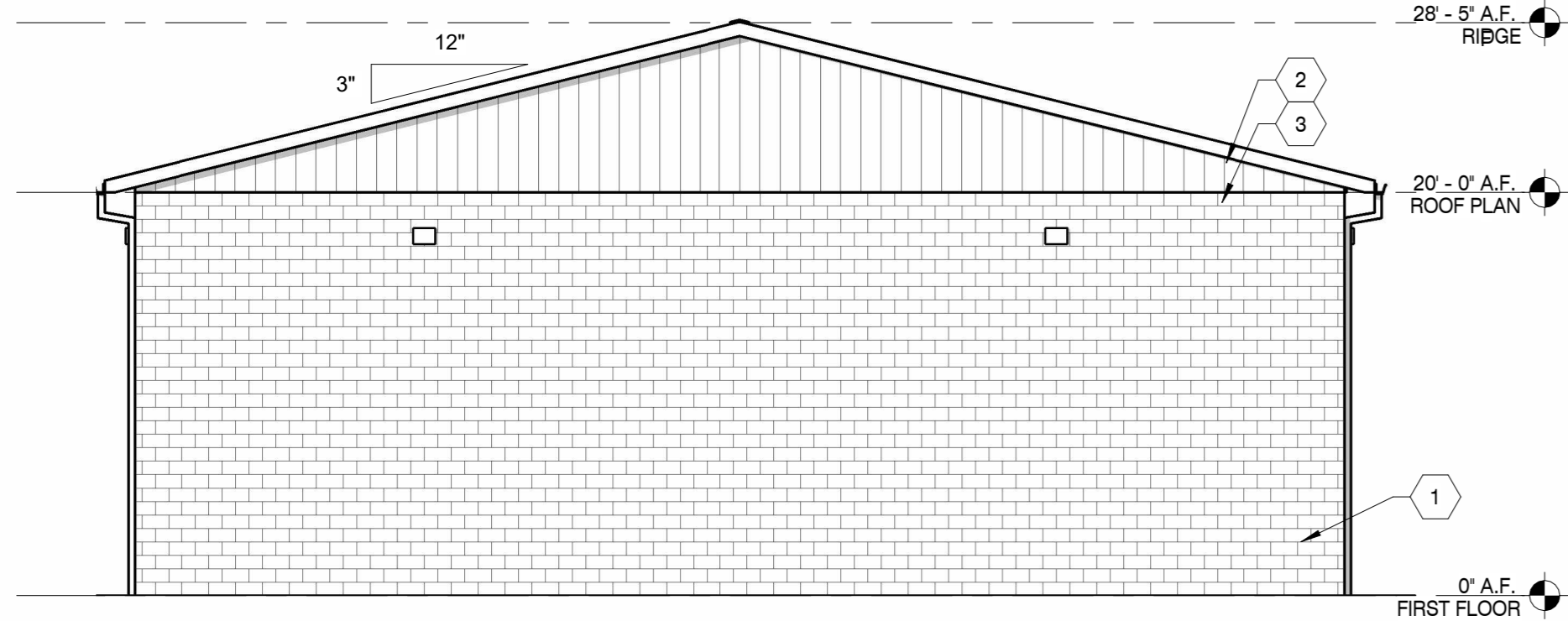
Date: 10/15/2024

Project No.
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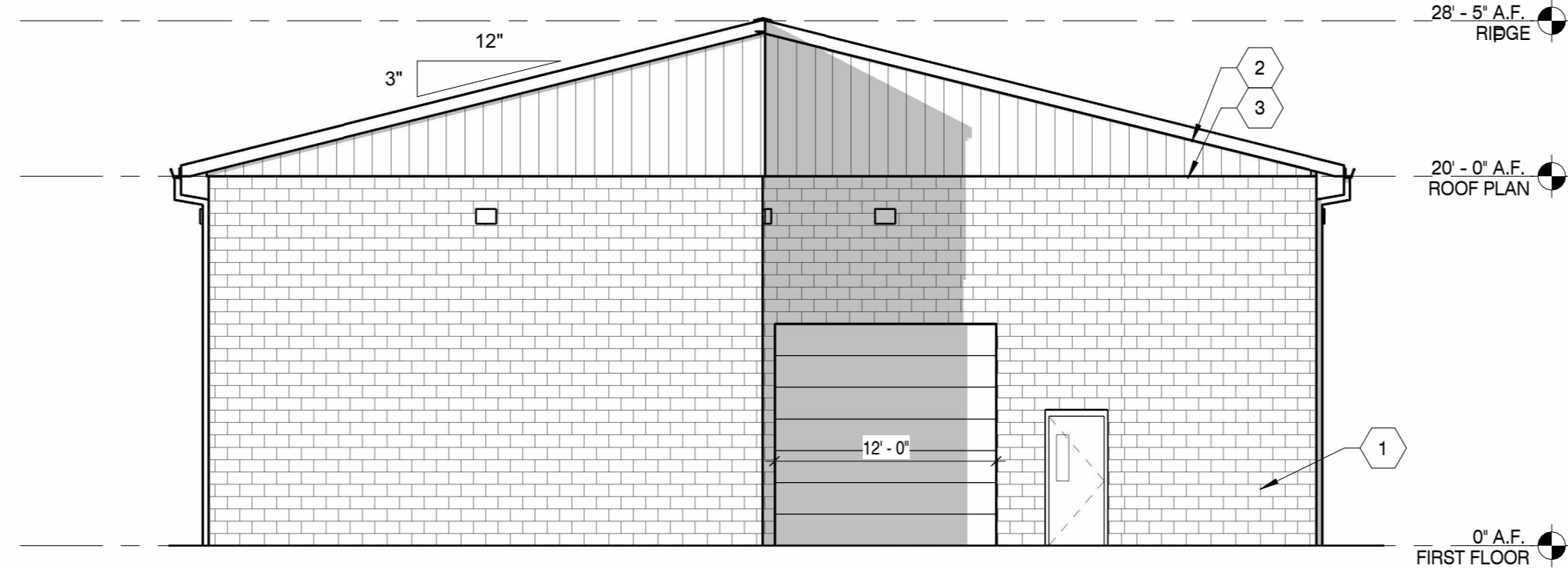
Sheet No.
A4.1



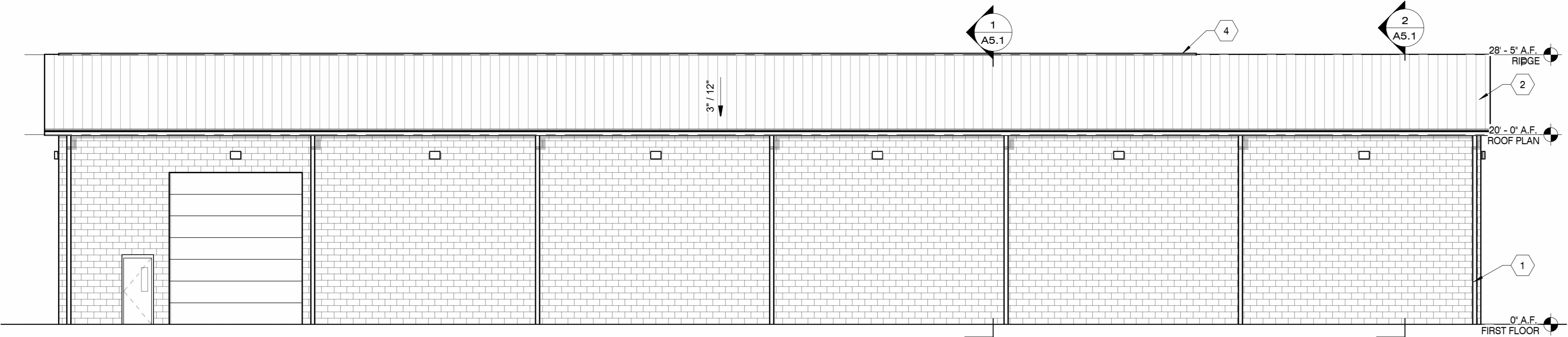
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