

# CONSTRUCTION PLANS FOR CITY OF CHANHASSEN LIFT STATION #5 SITE IMPROVEMENTS CHANHASSEN, MN APRIL, 2026

## SHEET INDEX

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## PROJECT ADDRESS:

1005 Holly Ln, Chanhassen, MN 55317

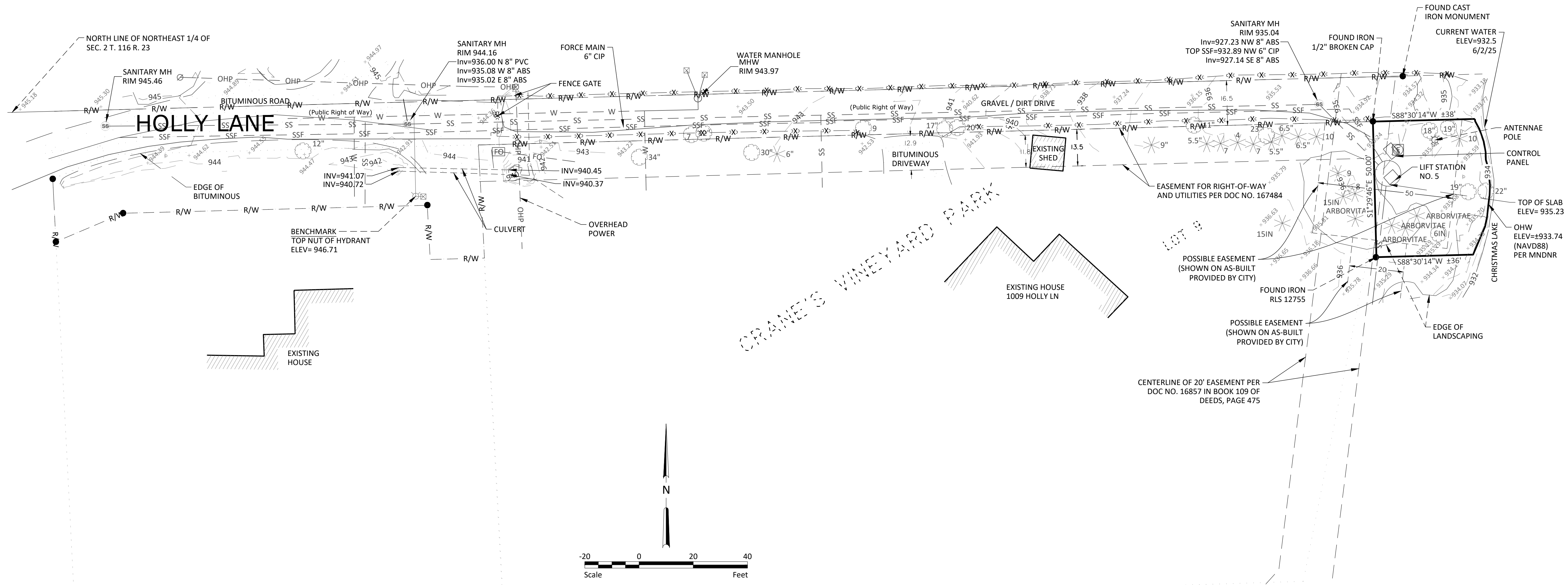


**LOCATION MAP**

## NOTES:

1. CITY OF CHANHASSEN STANDARD SPECIFICATIONS SHALL APPLY TO ALL STANDARD DRAWINGS CURRENTLY IN EFFECT AND OTHER CONTRACT PROVISIONS.
2. THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL D. THIS UTILITY QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF CI/ASCE 38-22, ENTITLED "STANDARD GUIDELINE FOR INVESTIGATION AND DOCUMENTING EXISTING UTILITIES".
3. CONTRACTOR SHALL DETERMINE LOCATION OF EXISTING PUBLIC AND PRIVATE UTILITIES PRIOR TO CONSTRUCTION AND SHALL BE RESPONSIBLE FOR PRESERVING THESE. ANY REPAIRS NECESSARY DUE TO CONTRACTORS OPERATIONS SHALL BE MADE AT CONTRACTORS EXPENSE. BEFORE DIGGING CALL: GOPHER ONE CALL 1-800-252-1166.

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**LEGAL DESCRIPTION:**

All that part of Lot nine (9) Crane Vineyard Park, described as follows:

Beginning at a point three hundred and thirty (330) feet east of the northwest corner of Lot nine (9) Crane's Vineyard Park; thence south fifty (50) feet at an angle of ninety (90) degrees with the north line of said Lot nine (9); thence east parallel with the north line of said Lot nine (9) to the shore of Christmas Lake a distance of seventy (70) feet more or less; thence north along the shore of Christmas Lake to the North line of said Lot nine (9); thence west to the point of beginning.

**MINNESOTA CERTIFICATION**

I hereby certify that this survey, plan, or report was prepared by me or under my direct supervision, and that I am a duly Licensed Land Surveyor under the laws of the State of Minnesota

*Daniel Corey*

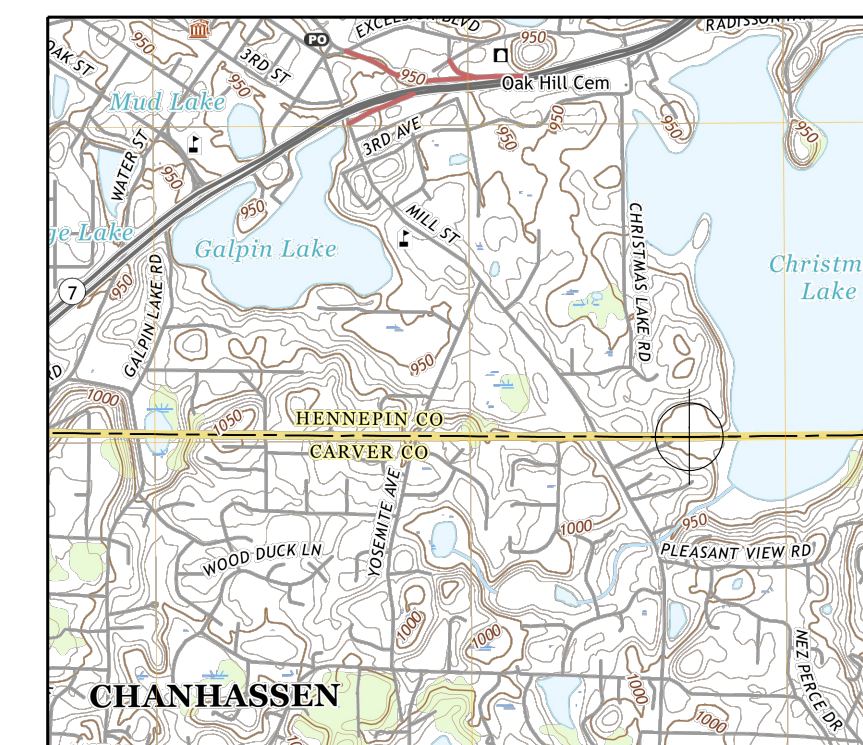
Daniel F. Corey  
Minnesota RLS No. 52585

JUNE 18, 2025

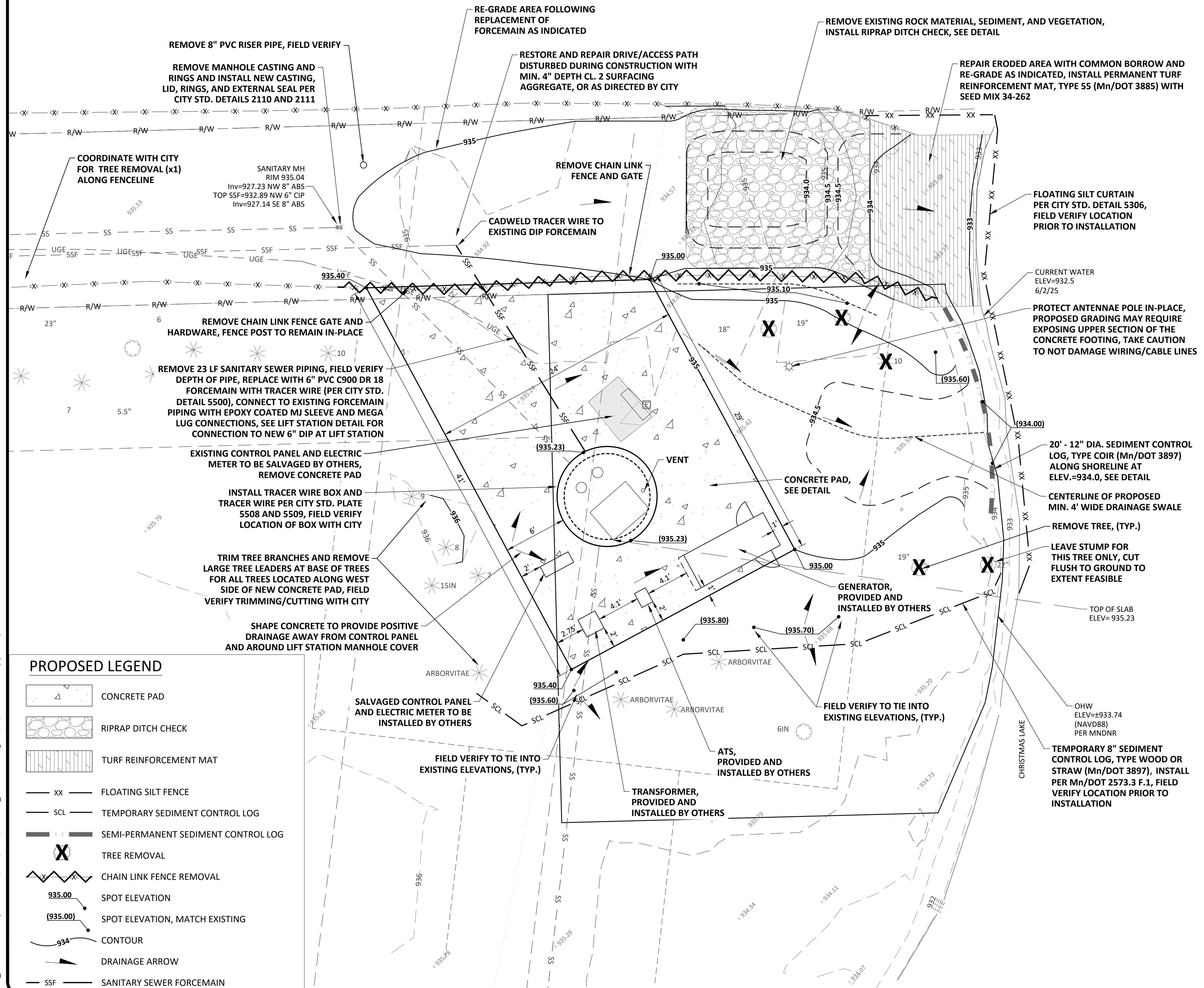
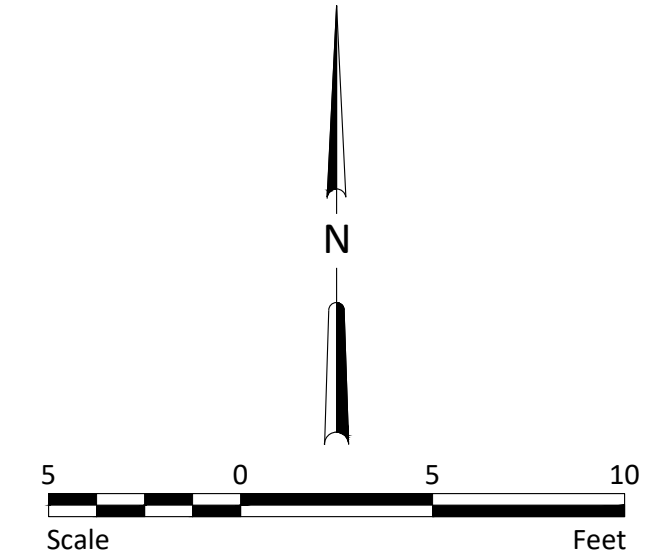
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**LEGEND**

- EDGE OF CONCRETE
- BUILDING
- EDGE OF BITUMINOUS
- EDGE OF WATER
- VAULT
- EASEMENT
- R/W — RIGHT-OF-WAY
- SS — SANITARY SEWER
- W — WATER LINE
- LANDSCAPING
- OHP — OVERHEAD POWER
- CH — CHAIN-LINK FENCE
- — PROPERTY BOUNDARY
- SSF — SANITARY FORCE MAIN
- FOUND IRON
- ▲ SIGN
- ⊗ GATE VALVE
- ⊕ HYDRANT
- ⊙ SANITARY MANHOLE
- ⊕ COMMUNICATION RISER
- DECIDUOUS TREE
- CONIFEROUS TREE
- ⊕ FIBER OPTIC VAULT
- ⊕ ELECTRIC METER



By	
Date	
Revision	
No.	
TOPOGRAPHIC SURVEY WITH BOUNDARY	
LIFT STATION NO. 5 CITY OF CHANHASSEN	
Drawn By	RRD
Checked By	DFC
Date	7-16-25
Scale	As Shown
Project No.	9161-0005
SHEET	1



**NOTES**

1. CONTRACTOR SHALL OBTAIN A PERMIT FROM THE CITY ENGINEERING DIVISION FOR WORK WITHIN A PUBLIC RIGHT OF WAY A MINIMUM 72 HOURS PRIOR TO WORK.
2. EROSION CONTROL SHALL BE INSTALLED PRIOR TO COMMENCING CONSTRUCTION. KEEP ROADWAYS FREE OF SEDIMENTS. STREETS SHALL BE SWEEP AS NECESSARY OR AS DIRECTED BY THE CITY. REFER TO CITY STANDARD DETAIL PLATE 5302D AND THE CITY'S STANDARD SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
3. CONTRACTOR SHALL FIELD VERIFY EXISTING ELEVATIONS AND TOPOGRAPHY PRIOR TO COMMENCING GRADING OPERATIONS. IF DISCREPANCIES OCCUR BETWEEN PLANS AND ACTUAL SITE CONDITIONS, NOTIFY ENGINEER AND OWNER IMMEDIATELY.
4. PRIOR TO GRADING ACTIVITIES, TOPSOIL, ROOTS, AND OTHER ORGANIC MATERIAL SHALL BE COMPLETELY STRIPPED IN NEW PAVEMENT AREAS AND ONLY STRIPPED AS NEEDED IN GREENSPACE AREAS. EXISTING TOPSOIL SHALL BE STOCKPILED FOR REUSE.
5. MAINTAIN EXISTING SURFACE DRAINAGE AT ALL TIMES DURING CONSTRUCTION AND PROVIDE DEWATERING AS NEEDED.
6. PROVIDE A CONTINUOUS VAC TRUCK OR TEMPORARY PUMPING AT LIFT STATION DURING TIMES WHEN LIFT STATION AND FORCEMAIN WILL BE OFFLINE, COORDINATE WITH CITY.
7. PROTECT IN-PLACE EXISTING SITE FEATURES NOT DESIGNATED FOR REMOVAL, INCLUDING TREES/PLANTINGS.
8. RESTORE ALL DISTURBED AREAS, INCLUDING PAVEMENTS AND GRAVEL ACCESS ROAD, TO EXISTING CONDITION OR BETTER.
9. INSTALL SALVAGED TOPSOIL TO A MINIMUM DEPTH OF 6". IMPORT ADDITIONAL TOPSOIL AS NEEDED. INSTALL SEED MIX 34-262 ALONG LAKE SHORELINE (SEE SHORELINE RESTORATION DETAIL) AND IN THE AREA OF THE TURF REINFORCEMENT MAT. ALL OTHER AREAS SHALL BE SEEDED WITH Mn/DOT MIX 25-141, UNLESS OTHERWISE DIRECTED. HYDRO-SEED WITH HYDRAULIC MULCH (TYPE 4) AND STARTER FERTILIZER (1:2:1 RATIO) PER CITY STANDARD SPECIFICATIONS.
10. CITY IS CONTRACTING SEPARATELY WITH AN ELECTRICAL CONTRACTOR FOR SALVAGING AND RE-INSTALLING THE EXISTING CONTROL PANEL AND FOR INSTALLING THE NEW TRANSFORMER, ATS, AND GENERATOR. COORDINATE WORK WITH CITY AND CITY'S ELECTRICAL CONTRACTOR.
11. PROVIDE INITIAL LAYOUT OF PROPOSED CONCRETE PAD AS INDICATED ON THE PLAN. FIELD VERIFY WITH CITY AND CITY'S ELECTRICAL CONTRACTOR FINAL LAYOUT OF CONCRETE PAD TO ACCOMMODATE LAYOUT OF THE ELECTRICAL COMPONENTS.

**PROPOSED LEGEND**

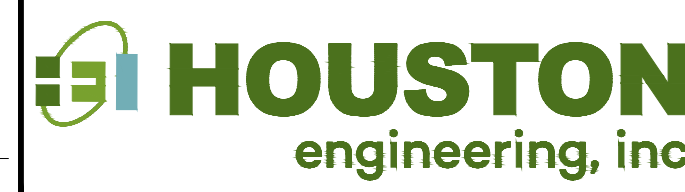
	CONCRETE PAD
	RIPRAP DITCH CHECK
	TURF REINFORCEMENT MAT
	FLOATING SILT FENCE
	TEMPORARY SEDIMENT CONTROL LOG
	SEMI-PERMANENT SEDIMENT CONTROL LOG
	TREE REMOVAL
	CHAIN LINK FENCE REMOVAL
	SPOT ELEVATION
	SPOT ELEVATION, MATCH EXISTING
	CONTOUR
	DRAINAGE ARROW
	SANITARY SEWER FORCEMAIN

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I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision, and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

*Adam Pawelk*  
 Adam M. Pawelk  
 License No. 49990

04/30/2026  
 Date

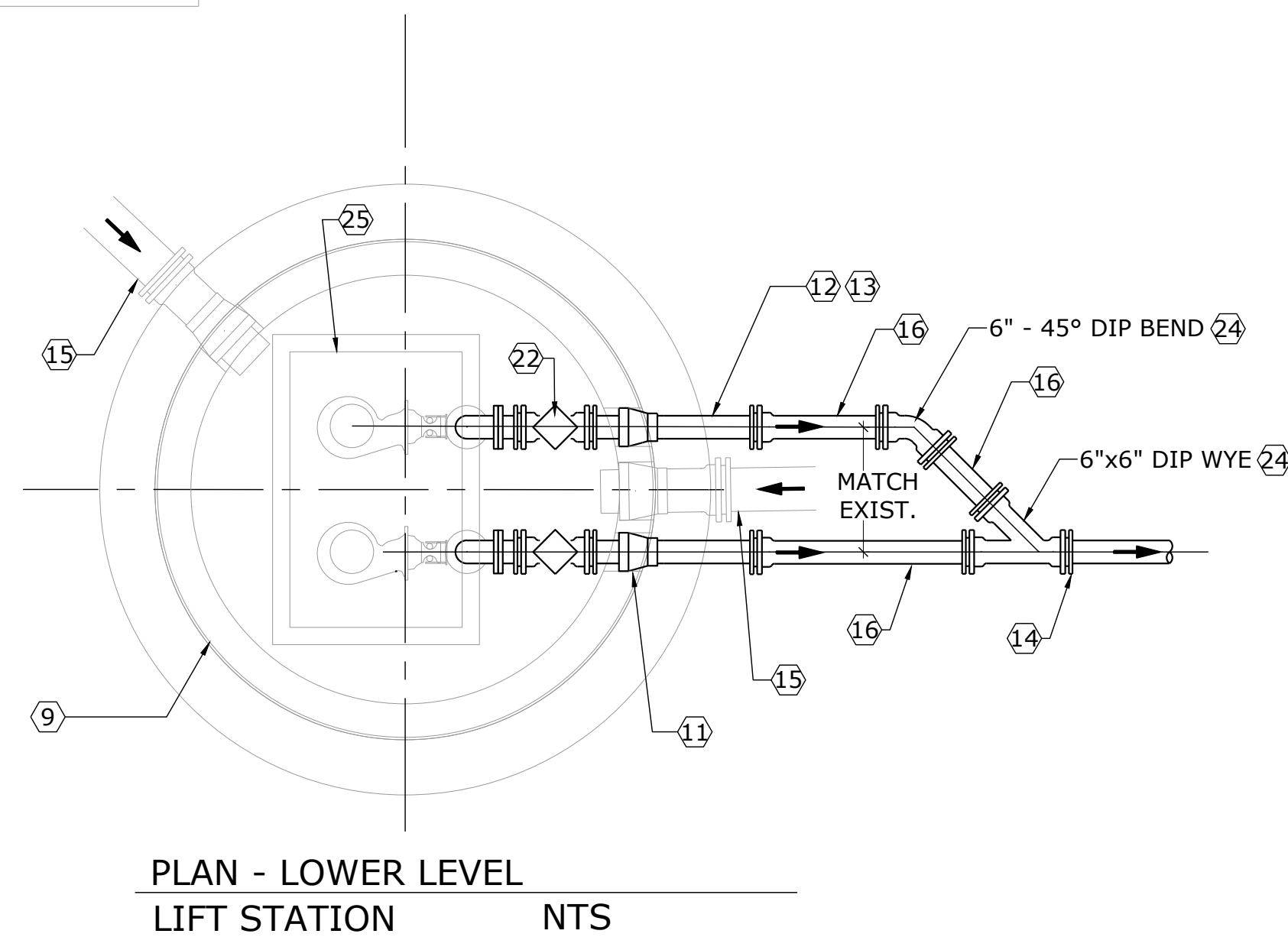
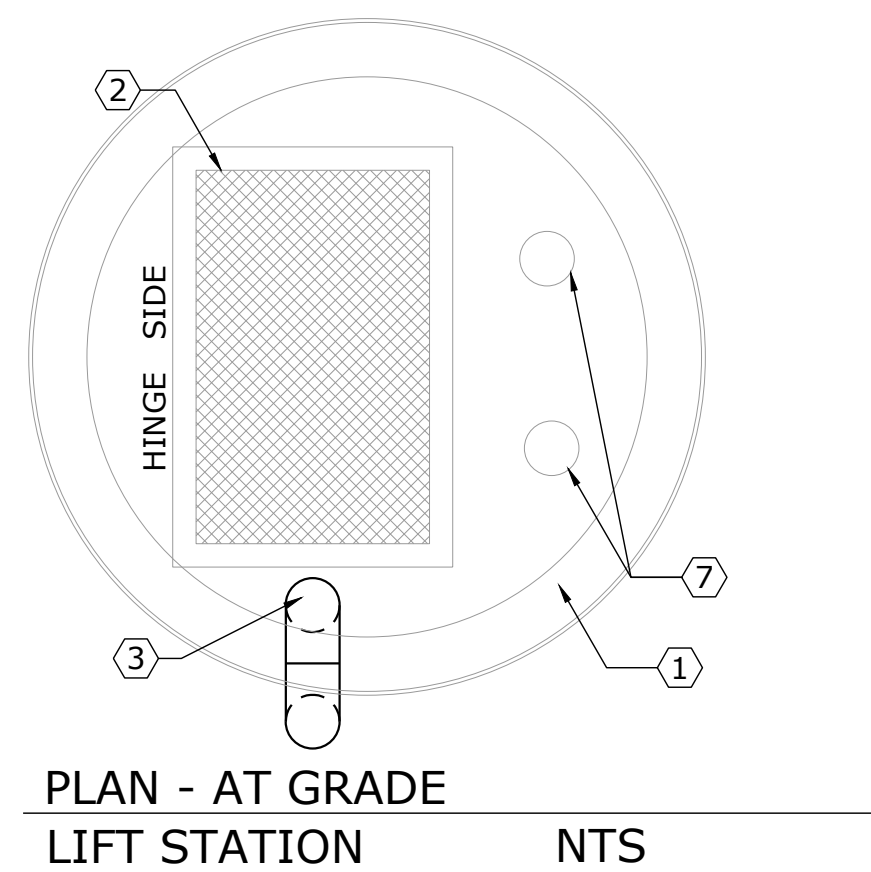
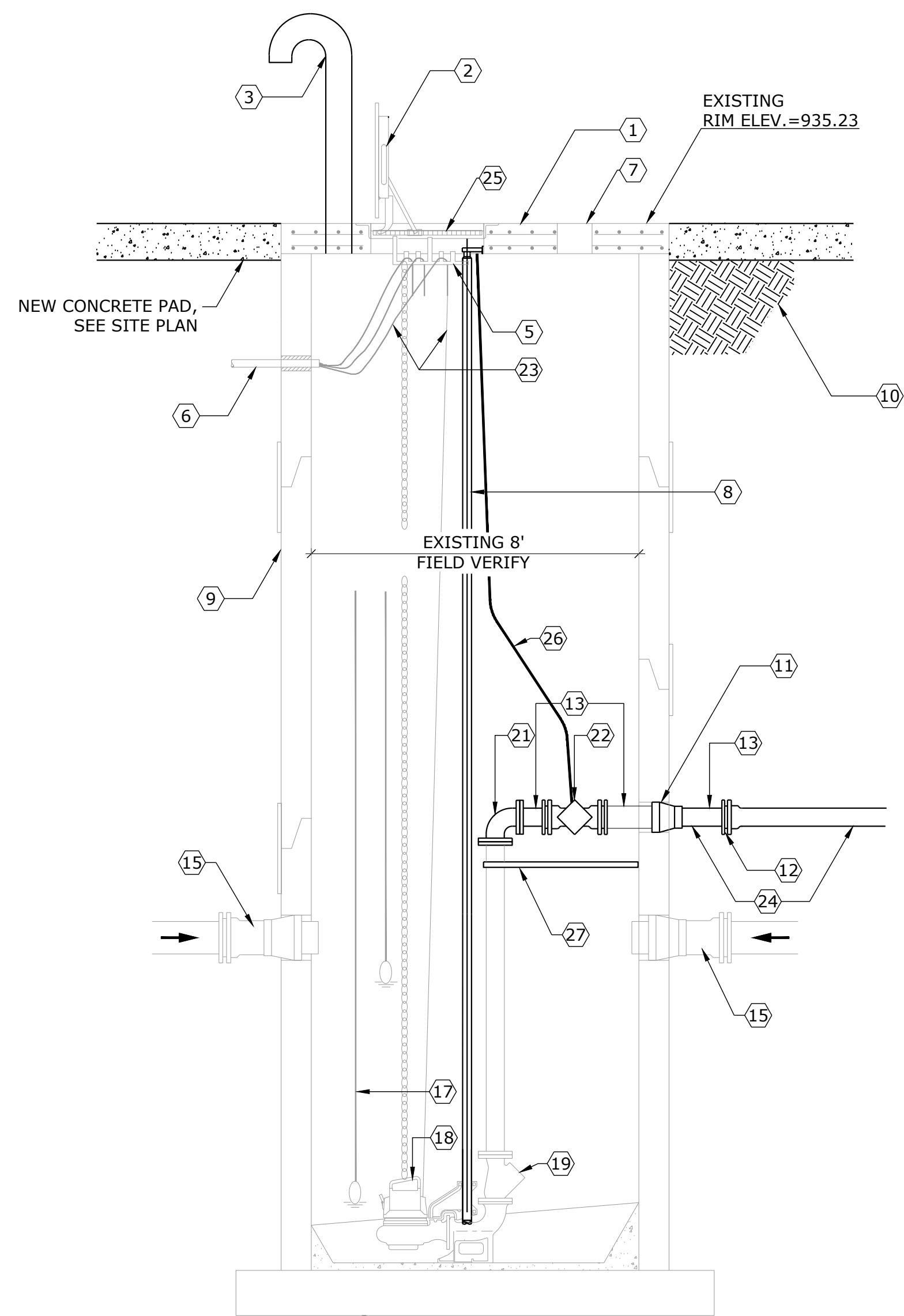


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LIFT STATION #5 SITE IMPROVEMENTS  
 CITY OF CHANHASSEN  
 CHANHASSEN, MN

CONSTRUCTION PLAN  
 CITY PROJECT NO. 25-12

SHEET  
 3



**KEY NOTES:**

- ① EXISTING CONCRETE COVER TO REMAIN IN-PLACE
- ② EXISTING HATCH TO REMAIN IN-PLACE
- ③ NEW VENT PIPE, CORE DRILL EXISTING CONCRETE COVER, CUT REINFORCEMENT AS NEEDED, SEE DETAIL ON SHEET 6
- ④ NOT USED
- ⑤ EXISTING ELECTRICAL CABLE HOLDER TO REMAIN IN-PLACE
- ⑥ EXISTING ELECTRICAL CONDUIT TO REMAIN IN-PLACE
- ⑦ EXISTING GATE VALVE CASTINGS TO REMAIN IN-PLACE
- ⑧ REMOVE AND REPLACE PUMP GUIDE RAILS AND GUIDE RAIL BRACKETS, INSTALL RAILS AND BRACKETS WITH NEW S.S. HARDWARE
- ⑨ EXISTING LIFT STATION MANHOLE
- ⑩ ON-SITE MATERIAL - SEE GENERAL NOTE NO. 1 FOR COMPACTION
- ⑪ PIPE SEAL GASKET - SEE DETAIL PLATE 5403-A ON SHEET 6
- ⑫ PIPE CONNECTION - SEE DETAIL PLATE 5403-A ON SHEET 6
- ⑬ NEW DIP PUMP DISCHARGE (TYP. OF 2)
- ⑭ CONNECT TO NEW 6" PVC C900 DR 18 FORCEMAIN
- ⑮ EXPOSE GRAVITY SANITARY SEWER LINE LOCATED BELOW FORCEMAIN, CITY TO INSPECT CONDITION OF GRAVITY LINE PRIOR TO INSTALLING THE NEW FORCEMAIN PIPE
- ⑯ 6" PVC C900 DR 18 PIPE
- ⑰ EXISTING PUMP CONTROL LEVEL FLOATS TO REMAIN IN-PLACE, CITY WILL ADJUST FLOATS TO THE PROPER ELEVATIONS/SETTINGS
- ⑱ EXISTING SUBMERSIBLE PUMPS TO REMAIN IN-PLACE
- ⑲ EXISTING FLANGED BALL CHECK VALVE TO REMAIN IN-PLACE
- ⑳ EXISTING S.S. CHAINS AND SHACKLES TO REMAIN IN-PLACE
- ㉑ NEW 90° DIP ELBOWS, FLANGED (TYP. OF 2)
- ㉒ NEW 6" KNIFE GATE VALVE (x2), SEE SPECIFICATIONS
- ㉓ EXISTING PUMP CONTROLS AND POWER CABLES, S.S. FLOAT CABLES AND PRESSURE TRANSDUCER WITH 2 FLOAT BACKUP TO REMAIN IN-PLACE
- ㉔ PLASTIC WRAP DIP FITTINGS PER CITY STANDARD SPECIFICATIONS
- ㉕ EXISTING FIBERGLASS FALL PROTECTION GRATING TO REMAIN IN-PLACE
- ㉖ INSTALL REMOTE GREASE FITTING AND PIPE/HOSE SYSTEM FOR NEW VALVES, SECURELY FASTEN AT TOP OF MANHOLE, FIELD VERIFY LOCATION WITH CITY PRIOR TO INSTALLATION, REMOTE GREASE FITTING SYSTEM WITH MOUNTING PLATE TO BE SUPPLIED BY CITY
- ㉗ INSTALL STAINLESS-STEEL ANCHOR/PIPE SUPPORT FOR EXISTING VERTICAL PIPE (x2), SECURELY FASTEN PIPE SUPPORT TO MANHOLE WALL, INSTALL PIPE SUPPORT NEAR TOP OF PIPE AS INDICATED, SEE GENERAL NOTE 7

**GENERAL NOTES:**

1. BED AND BACKFILL PIPE TRENCHES TO 1 FOOT ABOVE FORCEMAIN AND ALL OTHER NEW SANITARY LINES WITH GRANULAR MATERIAL, SEE DETAIL ON SHEET 6. COMPACT BACKFILL TO 100% STANDARD PROCTOR ABOVE AND BELOW PIPES.
2. PARTS OF SECTION VIEW AND PLANS VIEWS OF DRAWING ARE ROTATED FOR CLARITY.
3. FIELD VERIFY ORIENTATION OF PIPES.
4. CONTRACTOR TO VERIFY EXISTING CONDITIONS.
5. REMOVE EXISTING COMPONENTS WHERE NEW COMPONENTS ARE INDICATED TO BE INSTALLED PER THE KEY NOTES.
6. ALL NEW DIP PIPING SHALL BE CL. 52. ALL NEW DIP PIPING AND FITTINGS SHALL BE EPOXY COATED. REFER TO THE CITY'S STANDARD SPECIFICATIONS FOR ADDITIONAL INFORMATION REGARDING THE PVC PIPE, DIP, AND FITTINGS. ALL PIPE AND FITTING CONNECTIONS INSIDE THE LIFT STATION SHALL BE RODDED MECHANICAL JOINT RESTRAINT, ANCHORED TO STRUCTURE WALL WITH THREADED ROD, UNLESS OTHERWISE DIRECTED, SEE KEY NOTE 27.
7. ALL PIPE AND FITTING CONNECTIONS OUTSIDE THE LIFT STATION SHALL HAVE AN EPOXY COATED MJ SLEEVE WITH MEGA LUG JOINT RESTRAINTS AND JUMPER WIRE.
8. TEST FORCEMAIN PER CITY STANDARD SPECIFICATIONS.

**SPECIFICATIONS:**

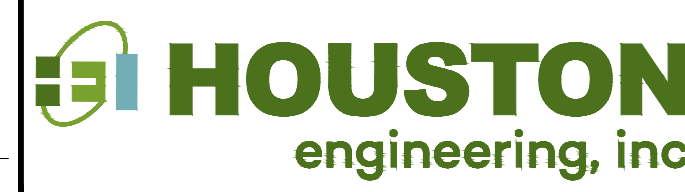
**KNIFE GATE VALVES**

SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

1. VALVES SHALL BE SUITABLE FOR RAW WASTEWATER APPLICATIONS AND PROVIDE BI-DIRECTIONAL SHUTOFF.
2. VALVES SHALL HAVE ONE-PIECE, LUG STYLE BODY, WITH TYPE 316 STAINLESS STEEL BODY AND YOKE AND A POLISHED 316 STAINLESS STEEL GATE.
  - a. FULLY LUGGED, ASME B16.5 CLASS 150 FLANGE PATTERN.
  - b. AWWA C520 COMPLIANT
  - c. MEET MSS SP-81 AND TAPPI-TIS 405 DESIGN REQUIREMENTS
  - d. VALVE SEATS SHALL BE OF THE PERIMETER SEAT DESIGN WITH A STEEL REINFORCED, REPLACEABLE VITON RESILIENT SEAT.
  - e. VALVE SHALL CONTAIN BRAIDED PTFE PACKING WITH ADJUSTABLE PACKING FOLLOWER.
3. VALVES SHALL BE PROVIDED WITH A NON-RISING STEM EXTENSION AND A 2" NUT OPERATOR.
  - a. EXTENSION STEM SHOULD BE ONLY OF SUFFICIENT LENGTH TO PROVIDE THE CONVERSION TO A NON-RISING STEM AND SHALL ENCAPSULATE THE THREADED VALVE SHAFT.
  - b. ALL EXTENSION FITTINGS AND COMPONENTS SHALL BE OF TYPE 316 STAINLESS STEEL EXCEPT FOR THE THRUST NUT WHICH SHOULD BE OF BRONZE OR ALUMINUM BRONZE.
  - c. VALVE SHALL INCLUDE A GREASE FITTING IN THE THRUST NUT AREA TO LUBRICATE THE STEM AND THE THRUST NUT.
4. VALVES SHALL BE SERIES E5100 AS MANUFACTURED BY ELITE VALVE OR CITY APPROVED EQUAL.

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No.	Revision	Date	By		Date

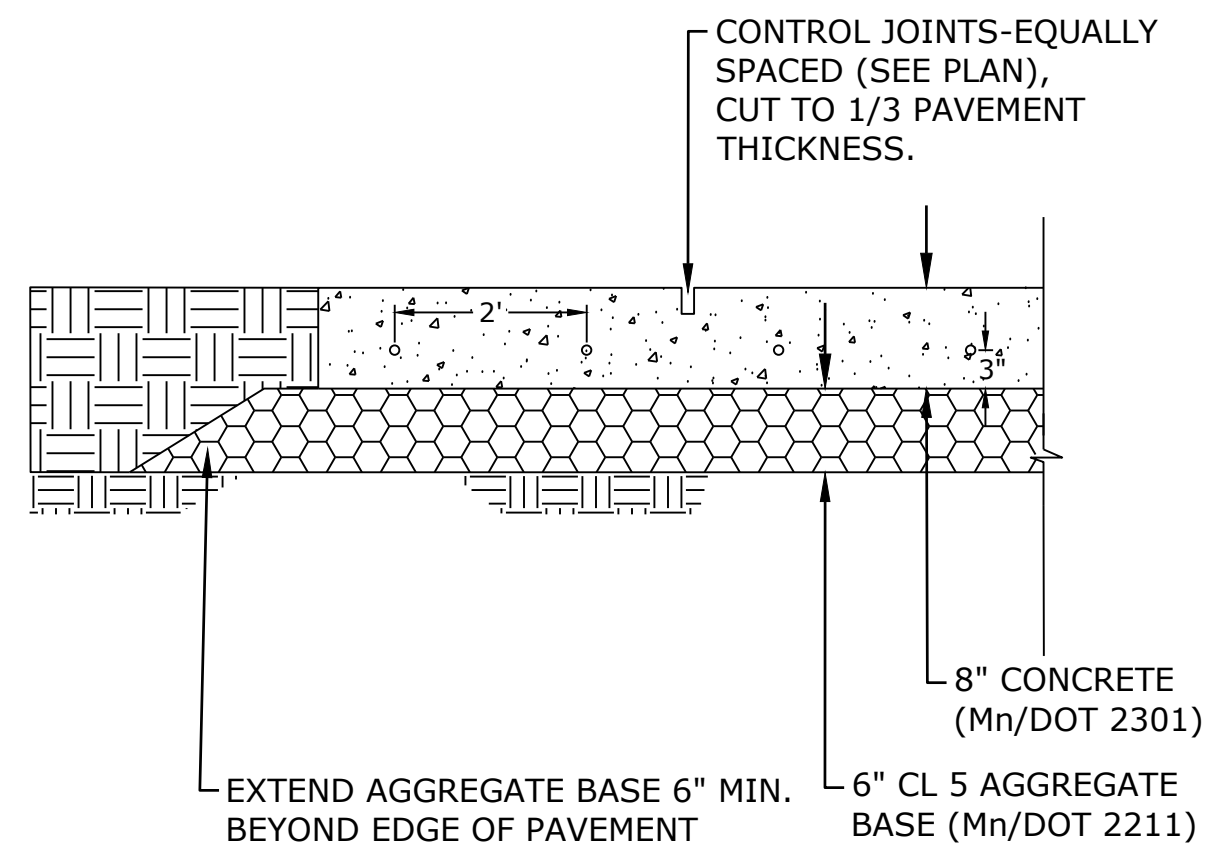


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LIFT STATION #5 SITE IMPROVEMENTS  
CITY OF CHANHASSEN  
CHANHASSEN, MN

LIFT STATION DETAIL  
CITY PROJECT NO. 25-12

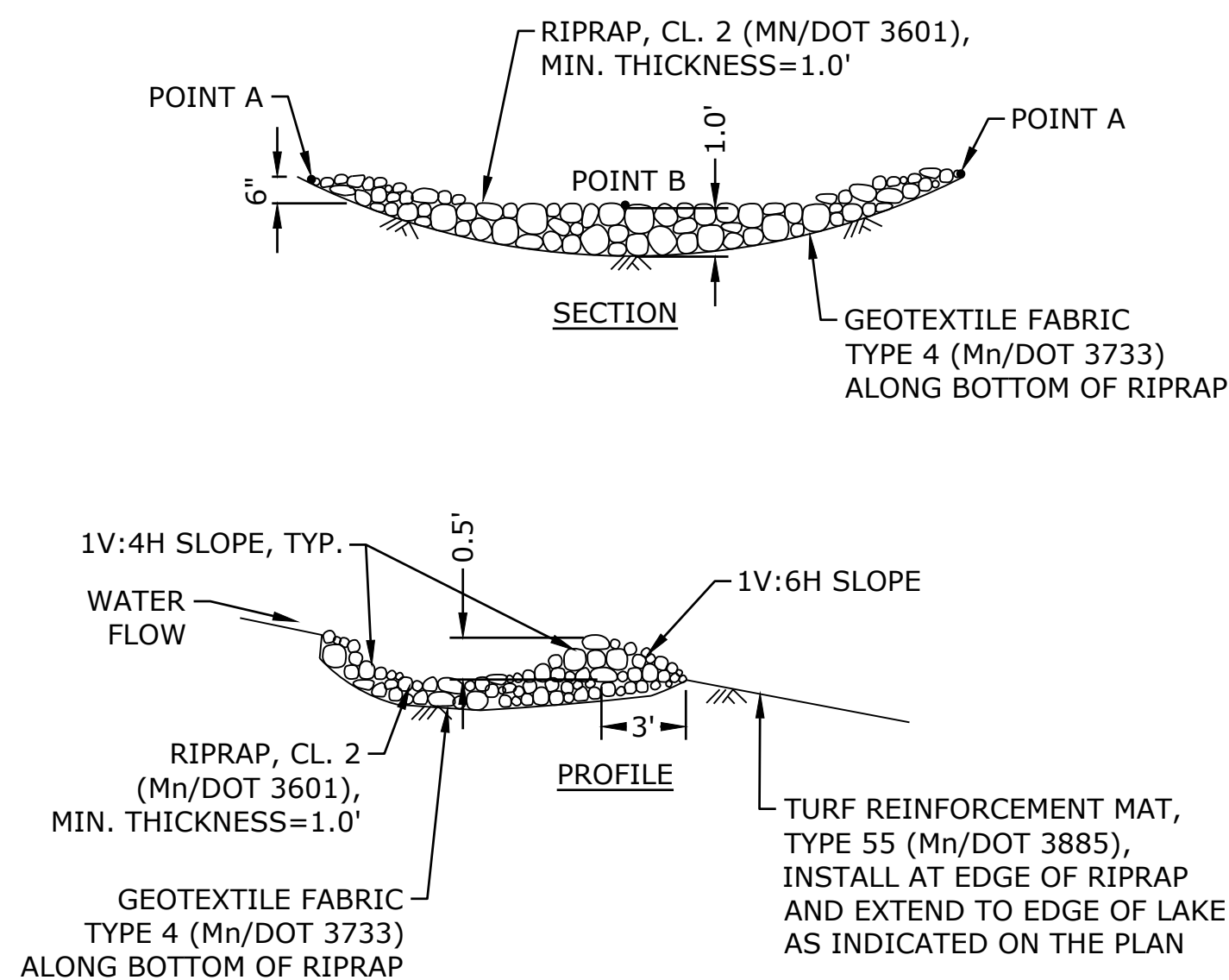
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- NOTE:**
1. ALL IMPROVEMENTS SHALL BE CONSTRUCTED ON APPROVED, COMPACTED SUBGRADE.
  2. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
  3. 1/2" PREFORMED MOLDED EXPANSION JOINTS SHALL BE INSTALLED WHERE CONCRETE ABUTS OTHER CONCRETE AND AROUND MANHOLE TOP SLAB. SEAL ALL EXPANSION JOINTS.
  4. SLOPES AS INDICATED ON CONSTRUCTION PLAN.
  5. USE #4 (1/2") REBAR SLAB REINFORCEMENT @ 6" IN FROM EACH EDGE AND 3" ABOVE SLAB BOTTOM. REBAR IS TO BE SPACED 2' ON CENTERS.

**CONCRETE PAD TYPICAL SECTION**

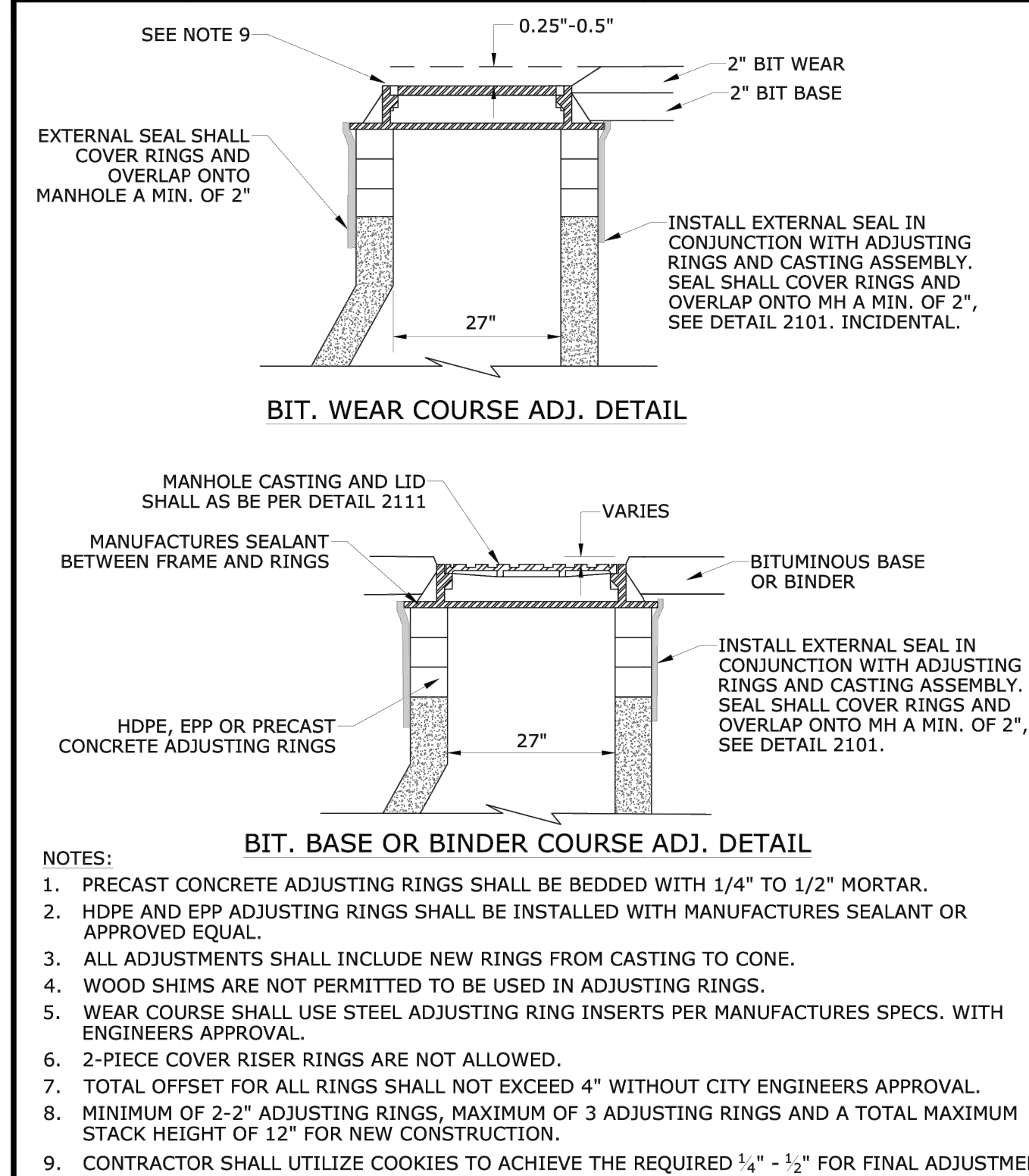
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- NOTE:**
1. POINT A MUST BE A MINIMUM OF 6" HIGHER THAN POINT B TO ENSURE THAT WATER FLOWS OVER THE DITCH CHECK AND NOT AROUND THE ENDS.
  2. SECURELY ANCHOR GEOTEXTILE FABRIC AND TURF MAT PER Mn/DOT SPECIFICATIONS AND MANUFACTURER'S RECOMMENDATIONS.

**RIPRAP DITCH CHECK**

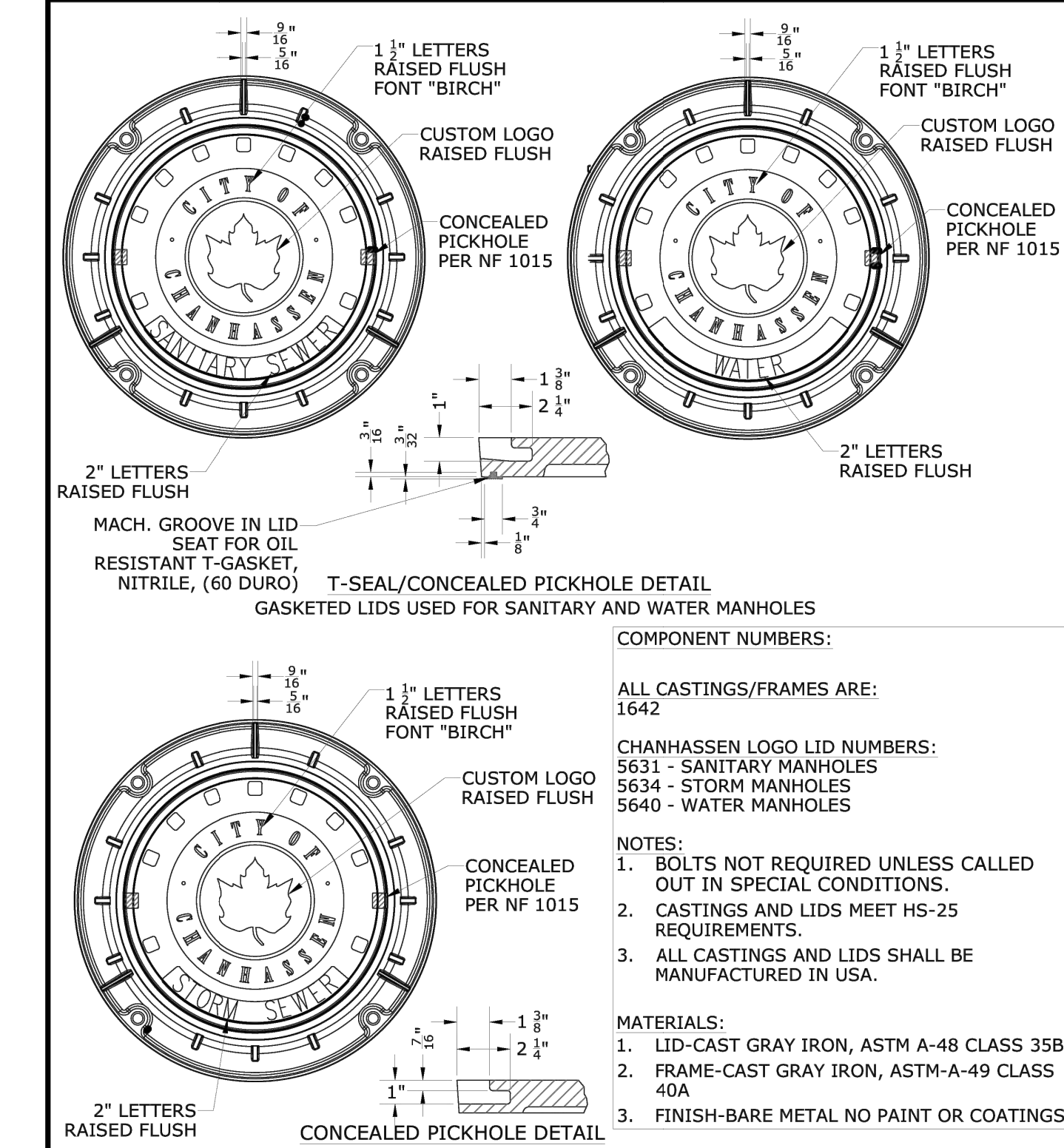
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- NOTES:**
1. PRECAST CONCRETE ADJUSTING RINGS SHALL BE BEDDED WITH 1/4" TO 1/2" MORTAR.
  2. HDPE AND EPP ADJUSTING RINGS SHALL BE INSTALLED WITH MANUFACTURES SEALANT OR APPROVED EQUAL.
  3. ALL ADJUSTMENTS SHALL INCLUDE NEW RINGS FROM CASTING TO CONE.
  4. WOOD SHIMS ARE NOT PERMITTED TO BE USED IN ADJUSTING RINGS.
  5. WEAR COURSE SHALL USE STEEL ADJUSTING RING INSERTS PER MANUFACTURES SPECS. WITH ENGINEERS APPROVAL.
  6. 2-PIECE COVER RISER RINGS ARE NOT ALLOWED.
  7. TOTAL OFFSET FOR ALL RINGS SHALL NOT EXCEED 4" WITHOUT CITY ENGINEERS APPROVAL.
  8. MINIMUM OF 2-2" ADJUSTING RINGS, MAXIMUM OF 3 ADJUSTING RINGS AND A TOTAL MAXIMUM STACK HEIGHT OF 12" FOR NEW CONSTRUCTION.
  9. CONTRACTOR SHALL UTILIZE COOKIES TO ACHIEVE THE REQUIRED 1/4" - 1/2" FOR FINAL ADJUSTMENT.

**MANHOLE CASTING AND ADJUSTING DETAIL**

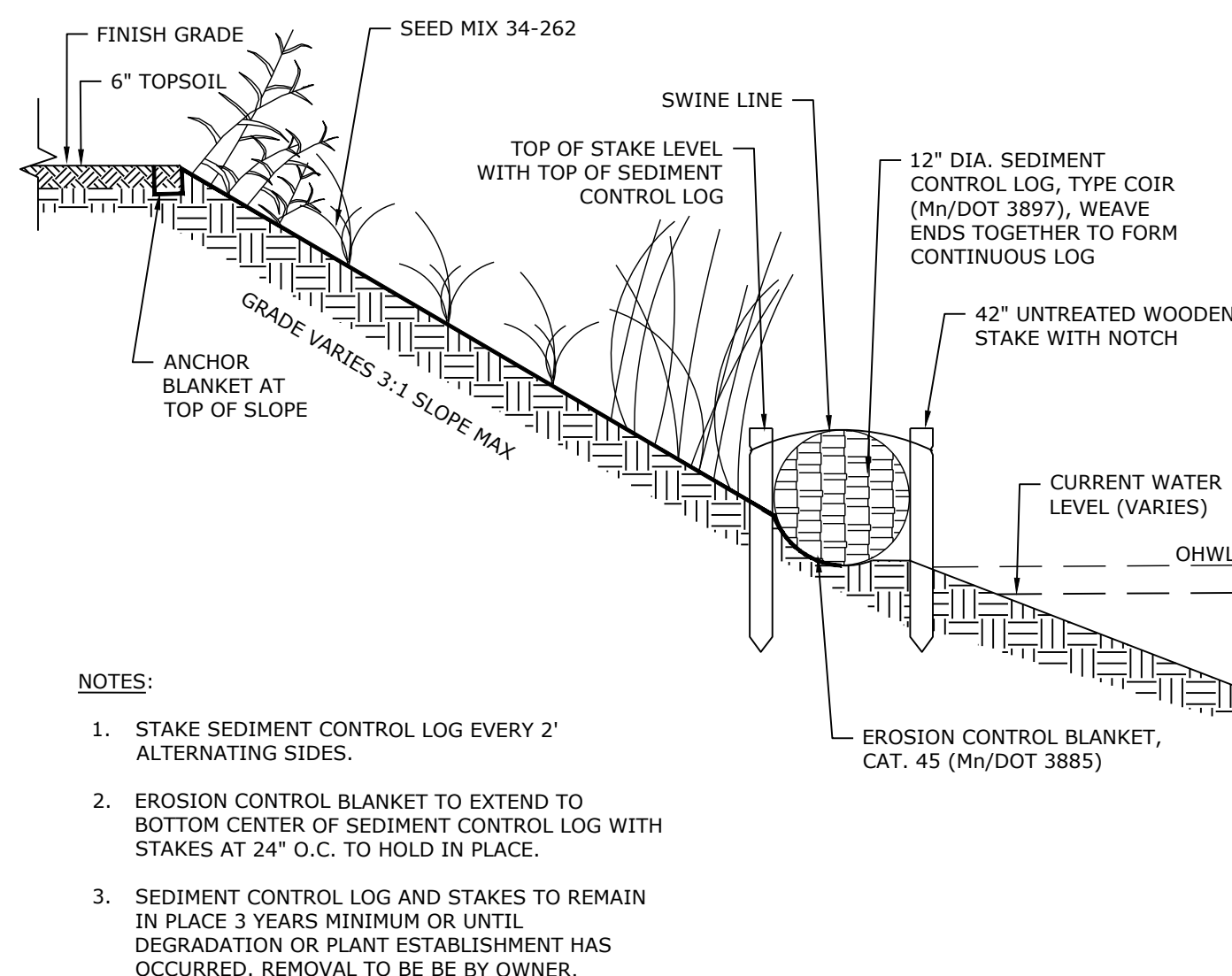
REVISED: 1-26      ENGINEERING DEPARTMENT      PLATE NO.: 2110



- COMPONENT NUMBERS:**
- ALL CASTINGS/FRAMES ARE: 1642
- CHANHASSEN LOGO LID NUMBERS: 5631 - SANITARY MANHOLES, 5634 - STORM MANHOLES, 5640 - WATER MANHOLES
- NOTES:**
1. BOLTS NOT REQUIRED UNLESS CALLED OUT IN SPECIAL CONDITIONS.
  2. CASTINGS AND LIDS MEET HS-25 REQUIREMENTS.
  3. ALL CASTINGS AND LIDS SHALL BE MANUFACTURED IN USA.
- MATERIALS:**
1. LID-CAST GRAY IRON, ASTM A-48 CLASS 35B
  2. FRAME-CAST GRAY IRON, ASTM-A-49 CLASS 40A
  3. FINISH-BARE METAL NO PAINT OR COATINGS

**MANHOLE CASTINGS AND LIDS DETAIL**

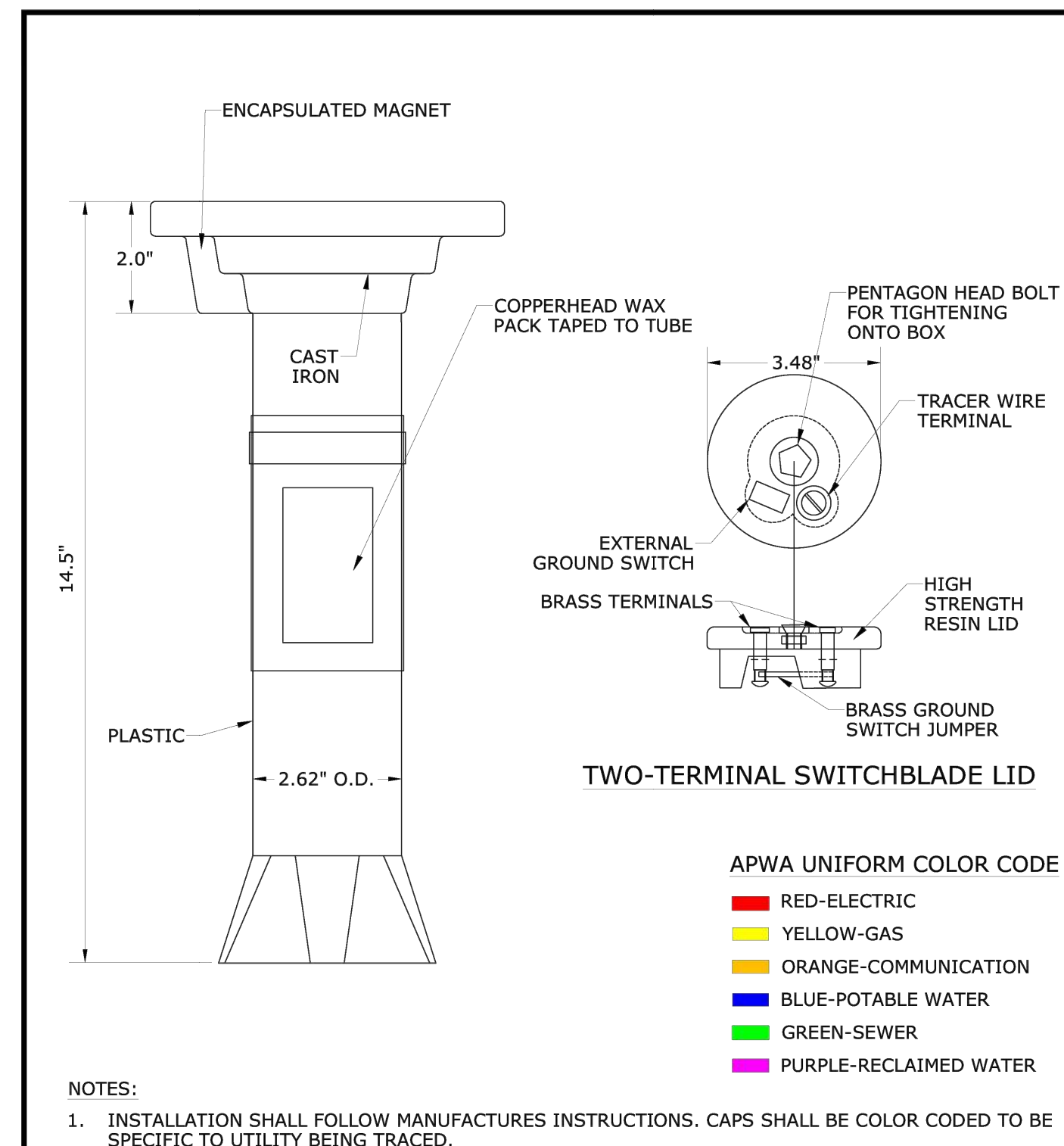
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- NOTES:**
1. STAKE SEDIMENT CONTROL LOG EVERY 2' ALTERNATING SIDES.
  2. EROSION CONTROL BLANKET TO EXTEND TO BOTTOM CENTER OF SEDIMENT CONTROL LOG WITH STAKES AT 24" O.C. TO HOLD IN PLACE.
  3. SEDIMENT CONTROL LOG AND STAKES TO REMAIN IN PLACE 3 YEARS MINIMUM OR UNTIL DEGRADATION OR PLANT ESTABLISHMENT HAS OCCURRED. REMOVAL TO BE BY OWNER.

**LAKESHORE RESTORATION TYPICAL SECTION**

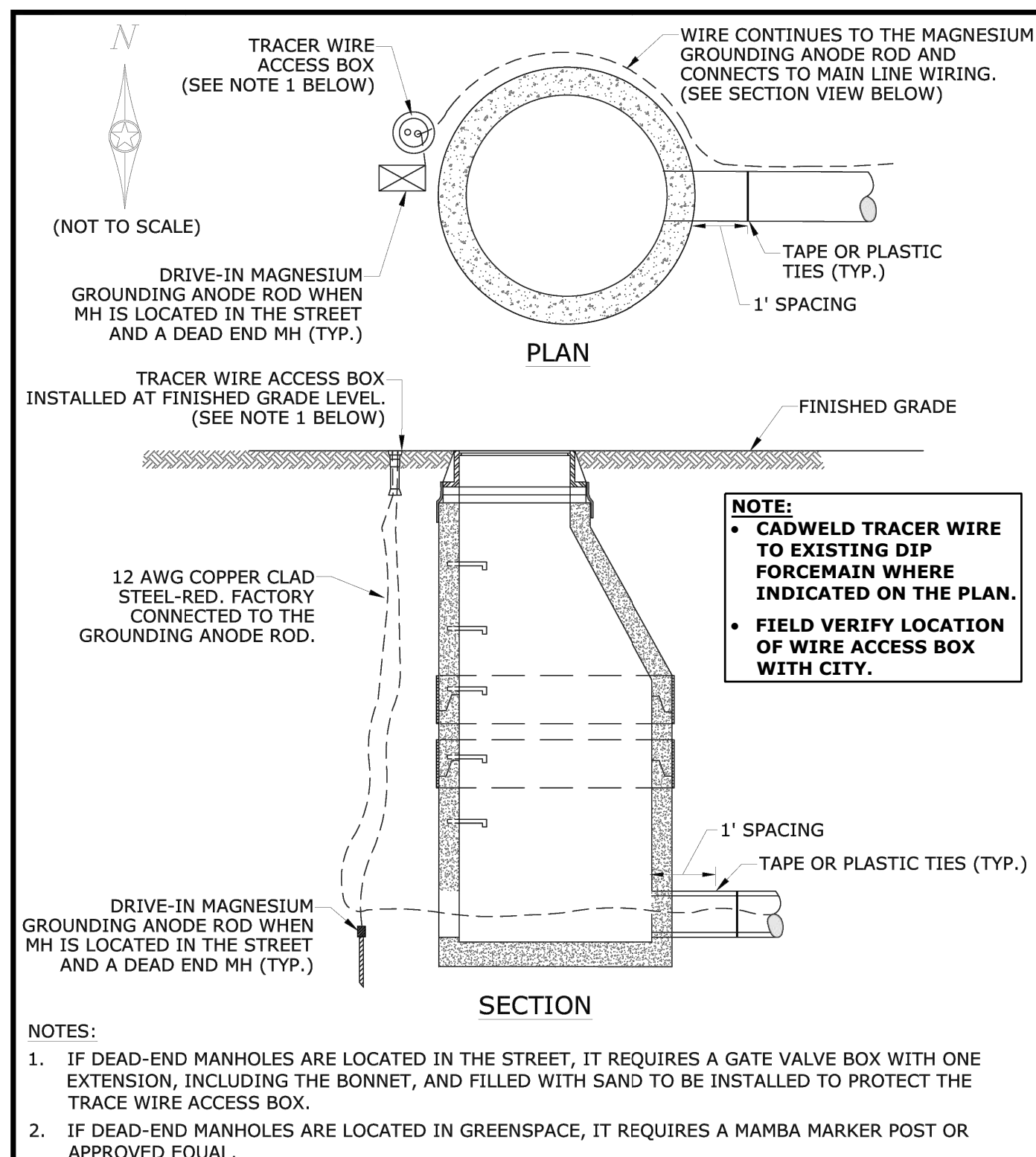
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- APWA UNIFORM COLOR CODE**
- RED-ELECTRIC
  - YELLOW-GAS
  - ORANGE-COMMUNICATION
  - BLUE-POTABLE WATER
  - GREEN-SEWER
  - PURPLE-RECLAIMED WATER
- NOTES:**
1. INSTALLATION SHALL FOLLOW MANUFACTURES INSTRUCTIONS. CAPS SHALL BE COLOR CODED TO BE SPECIFIC TO UTILITY BEING TRACED.

**TYPICAL TWO TERMINAL MAGNETIZED TRACER BOX CONCRETE/DRIVEWAY BOX CD14\*2T-SW**

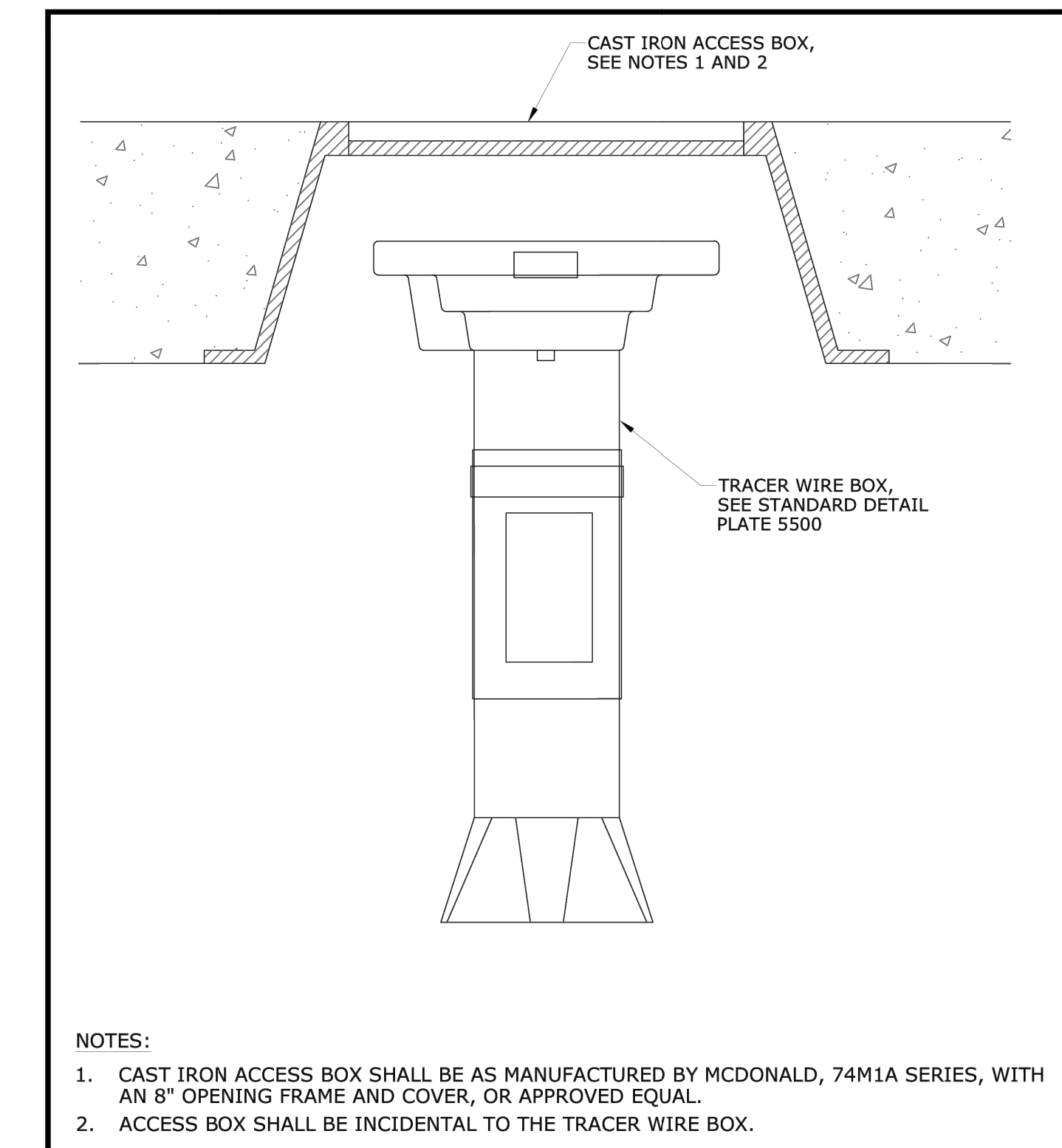
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- NOTES:**
1. IF DEAD-END MANHOLES ARE LOCATED IN THE STREET, IT REQUIRES A GATE VALVE BOX WITH ONE EXTENSION, INCLUDING THE BONNET, AND FILLED WITH SAND TO BE INSTALLED TO PROTECT THE TRACER WIRE ACCESS BOX.
  2. IF DEAD-END MANHOLES ARE LOCATED IN GREENSPACE, IT REQUIRES A MAMBA MARKER POST OR APPROVED EQUAL.

**DEAD-END SANITARY MANHOLE TRACER WIRE DETAIL**

REVISED: 2-25      ENGINEERING DEPARTMENT      PLATE NO.: 5508



- NOTES:**
1. CAST IRON ACCESS BOX SHALL BE AS MANUFACTURED BY MCDONALD, 74M1A SERIES, WITH AN 8" OPENING FRAME AND COVER, OR APPROVED EQUAL.
  2. ACCESS BOX SHALL BE INCIDENTAL TO THE TRACER WIRE BOX.

**TRACER WIRE ACCESS BOX IN CONCRETE SURFACES**

REVISED: 1-26      ENGINEERING DEPARTMENT      PLATE NO.: 5509

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No.	Revision	Date	By
1	QUOTE SET	04/30/2026	AMP

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision, and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

*Adam Pawelk*  
Adam M. Pawelk  
License No. 49990

04/30/2026  
Date



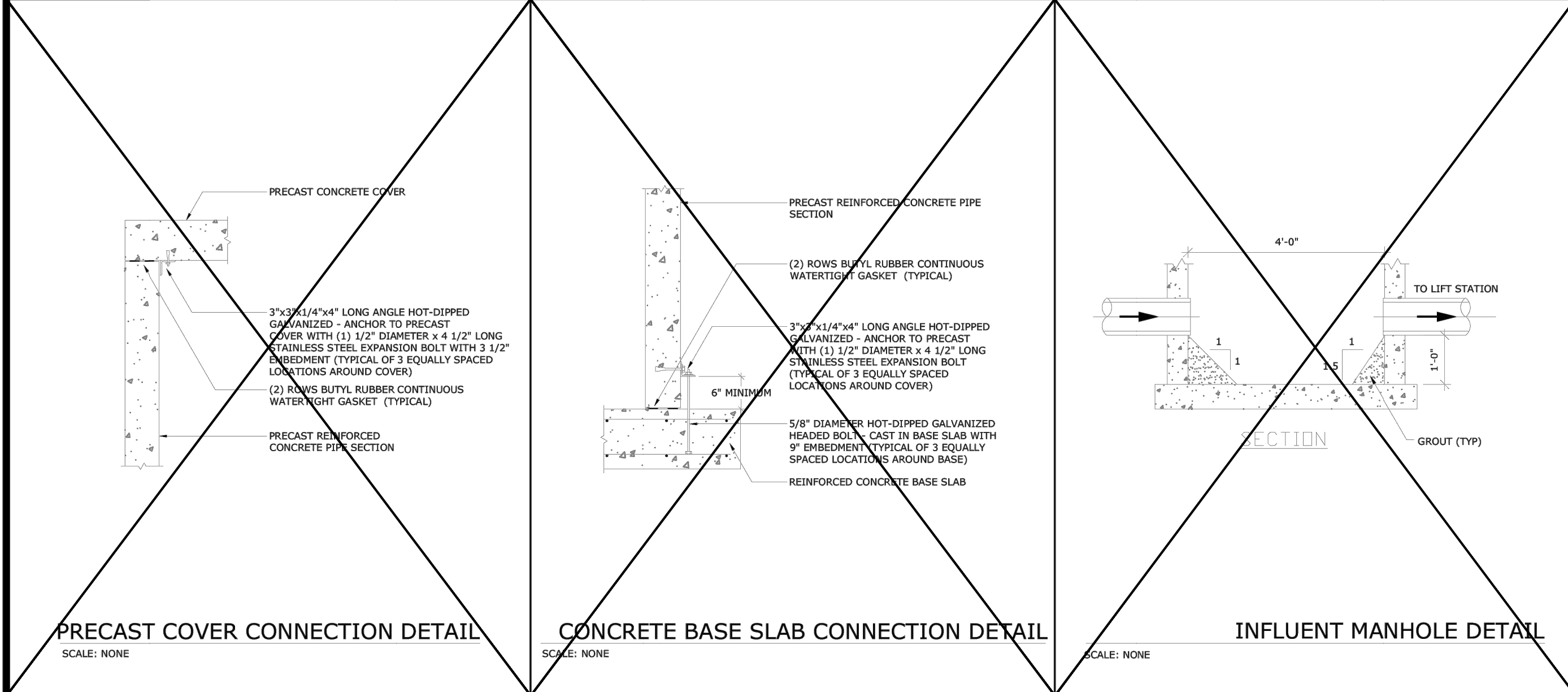
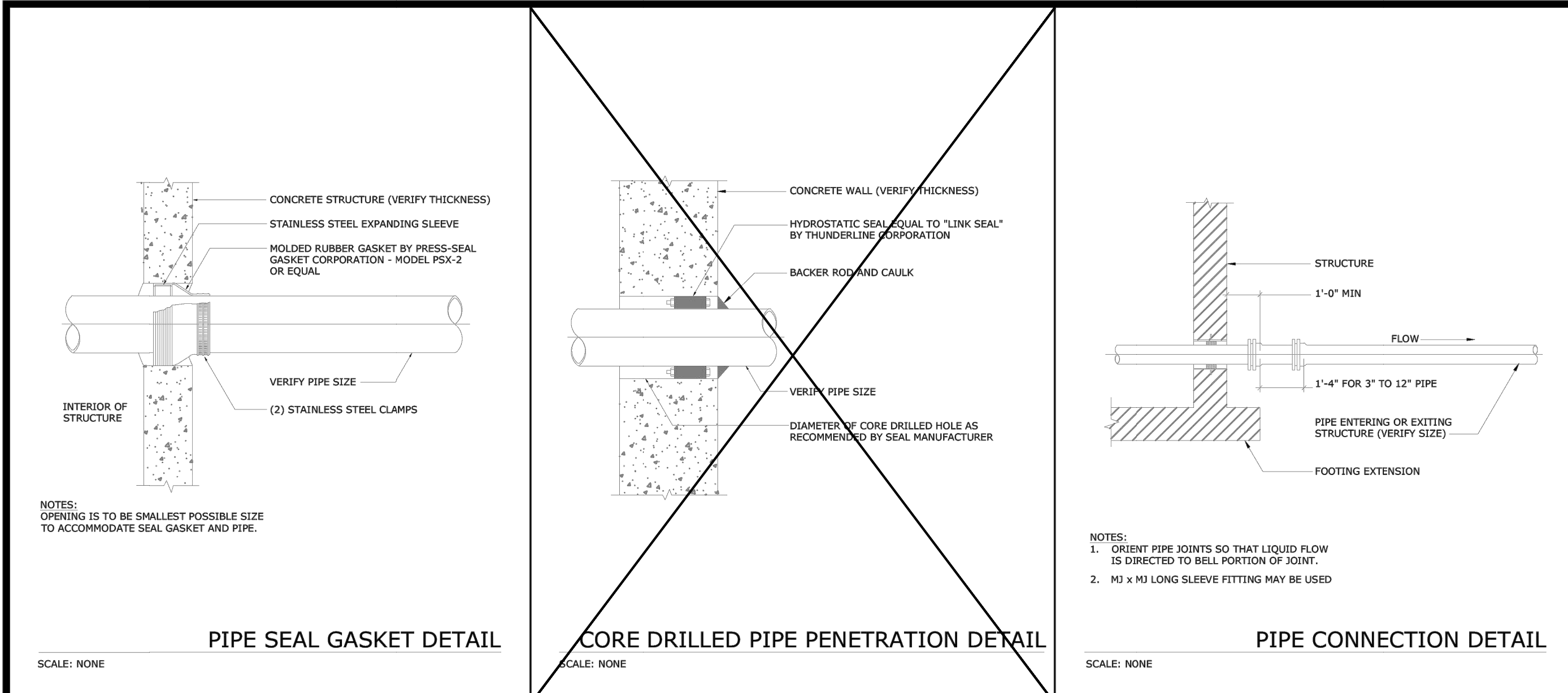
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LIFT STATION #5 SITE IMPROVEMENTS  
CITY OF CHANHASSEN  
CHANHASSEN, MN

DETAILS I  
CITY PROJECT NO. 25-12

SHEET  
5

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**LIFT STATION STANDARD DETAILS**

PLATE NO.: **5403-A**

ENGINEERING DEPARTMENT

REVISED: 12-24



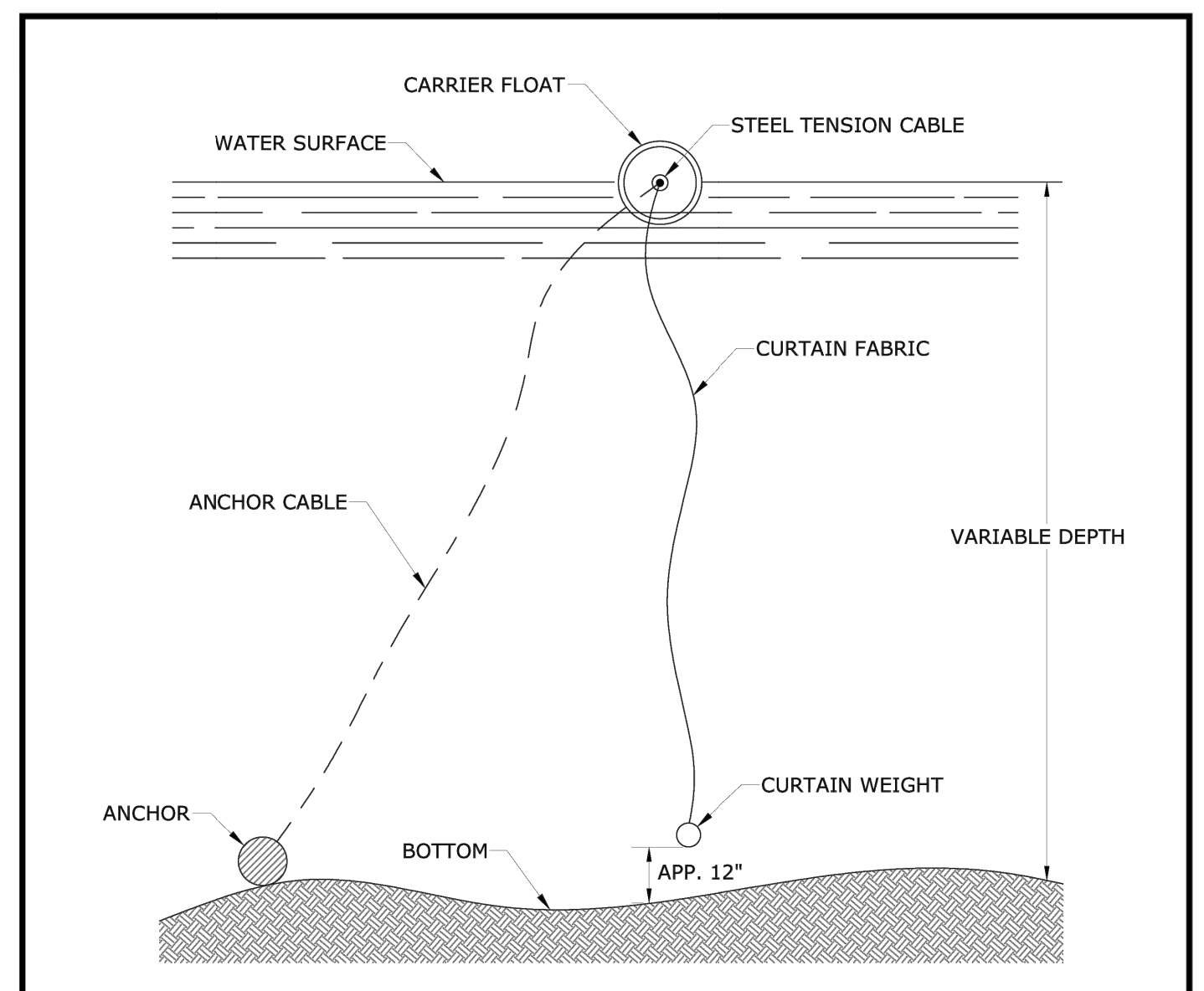
**EROSION AND SEDIMENT CONTROL STANDARD NOTES**

- EROSION CONTROL MUST BE INSTALLED AND INSPECTED PRIOR TO THE START OF LAND DISTURBING ACTIVITIES INCLUDING TREE REMOVAL AND GRADING.
  - CONTACT ENGINEERING DEPARTMENT TO SCHEDULE AN INSPECTION 952-227-1160 OR ENGDEPT@CHANHASSEN.MN.GOV
- THE CONTRACTOR SHALL ABIDE BY ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES DICTATED BY THE CITY OF CHANHASSEN AND WATERSHED DISTRICT.
- OPERATIONS MUST BE MANAGED TO ELIMINATE TRACK OUT OF MATERIAL ONTO RIGHT OF WAY.
- STRAW MULCH SHALL NOT BE USED FOR TEMPORARY OR FINAL STABILIZATION UNLESS APPROVED BY THE CITY ENGINEER.
- NATURAL TOPOGRAPHY AND SOIL CONDITIONS MUST BE PROTECTED, INCLUDING RETENTION ONSITE OF NATIVE TOPSOIL TO THE GREATEST EXTENT POSSIBLE.
- ADDITIONAL MEASURES, SUCH AS HYDRAULIC MULCHING AND OTHER PRACTICES AS SPECIFIED BY THE DISTRICT AND CITY STAFF MUST BE USED ON SLOPES OF 3:1 (H:V) OR STEEPER TO PROVIDE ADEQUATE STABILIZATION.
- FINAL SITE STABILIZATION MEASURES MUST SPECIFY THAT AT LEAST SIX INCHES OF TOPSOIL OR ORGANIC MATTER BE SPREAD AND INCORPORATED INTO THE UNDERLYING SOIL DURING FINAL SITE TREATMENT WHEREVER TOPSOIL HAS BEEN REMOVED.
- CONSTRUCTION SITE WASTE SUCH AS DISCARDED BUILDING MATERIALS, CONCRETE TRUCK WASHOUT, CHEMICALS, LITTER AND SANITARY WASTE MUST BE PROPERLY MANAGED.
- ALL TEMPORARY EROSION AND SEDIMENT CONTROL BMPs MUST BE MAINTAINED UNTIL COMPLETION OF CONSTRUCTION AND VEGETATION IS ESTABLISHED SUFFICIENTLY TO ENSURE STABILITY OF THE SITE, AS DETERMINED BY THE WATERSHED DISTRICT AND CITY STAFF.
- SOIL SURFACES COMPACTED DURING CONSTRUCTION AND REMAINING PERVIOUS UPON COMPLETION OF CONSTRUCTION MUST BE DECOMPACTED TO ACHIEVE A SOIL COMPACTION TESTING PRESSURE OF LESS THAN 1,400 KILOPASCALS OR 200 POUNDS PER SQUARE INCH IN THE UPPER 12 INCHES OF THE SOIL PROFILE WHILE TAKING CARE TO PROTECT UTILITIES, TREE ROOTS, AND OTHER EXISTING VEGETATION.
- ALL DISTURBED AREAS MUST BE STABILIZED WITHIN 7 CALENDAR DAYS AFTER LAND-DISTURBING WORK HAS TEMPORARILY OR PERMANENTLY CEASED ON A PROPERTY THAT DRAINS TO AN IMPAIRED WATER, WITHIN 14 DAYS ELSEWHERE.
- THE PERMITTEE MUST, AT A MINIMUM, INSPECT, MAINTAIN AND REPAIR ALL DISTURBED SURFACES AND ALL EROSION AND SEDIMENT CONTROL FACILITIES AND SOIL STABILIZATION MEASURES EVERY DAY WORK IS PERFORMED ON THE SITE AND AT LEAST WEEKLY UNTIL LAND-DISTURBING ACTIVITY HAS CEASED. THEREAFTER, THE PERMITTEE MUST PERFORM THESE RESPONSIBILITIES AT LEAST WEEKLY UNTIL VEGETATIVE COVER IS ESTABLISHED. THE PERMITTEE WILL MAINTAIN A LOG OF ACTIVITIES UNDER THIS SECTION FOR INSPECTION BY THE WATERSHED DISTRICT AND CITY ON REQUEST.



**EROSION AND SEDIMENT CONTROL STANDARD NOTES**

REVISED: 2-24      ENGINEERING DEPARTMENT      PLATE NO.: **5302D**

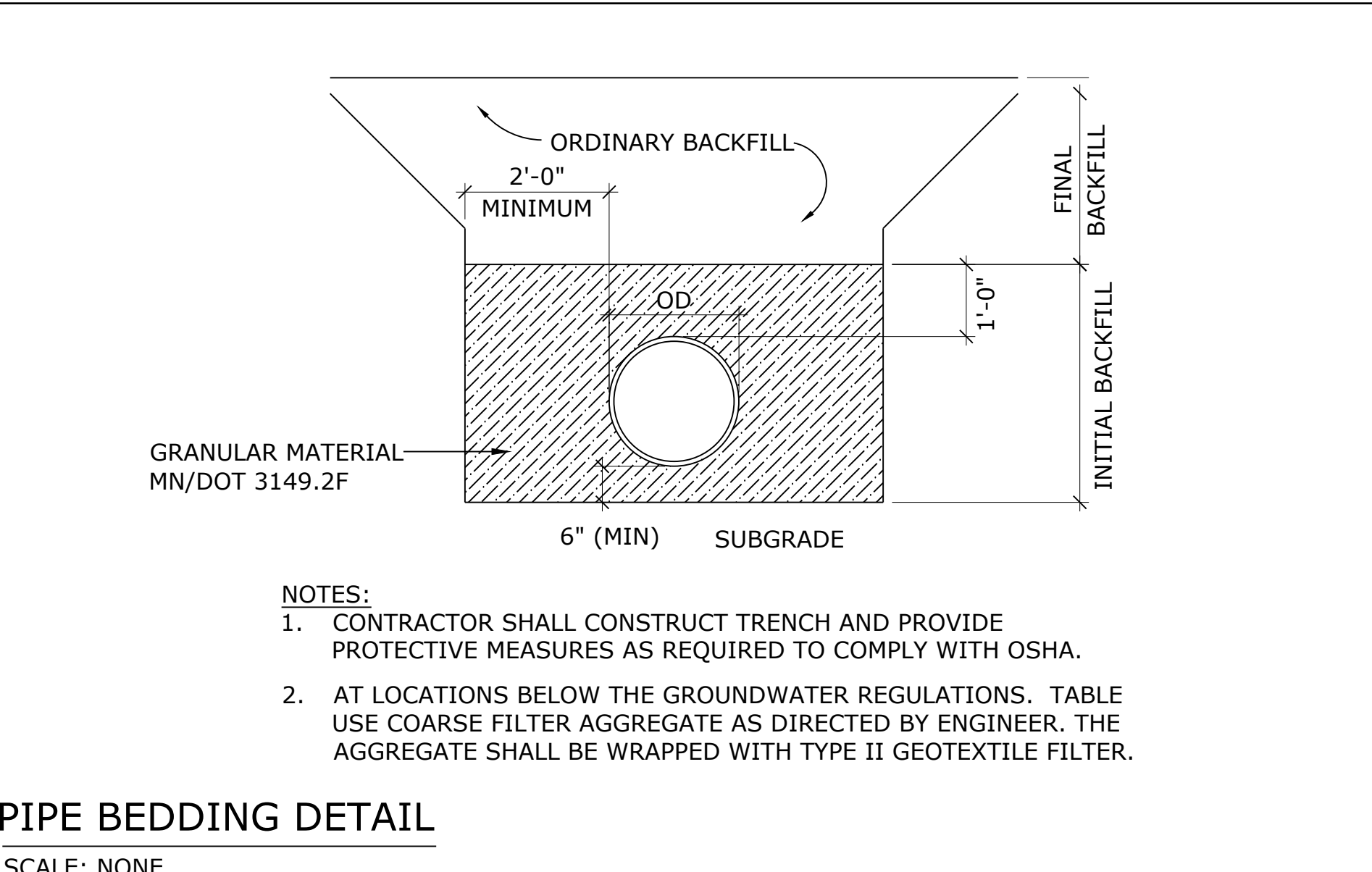
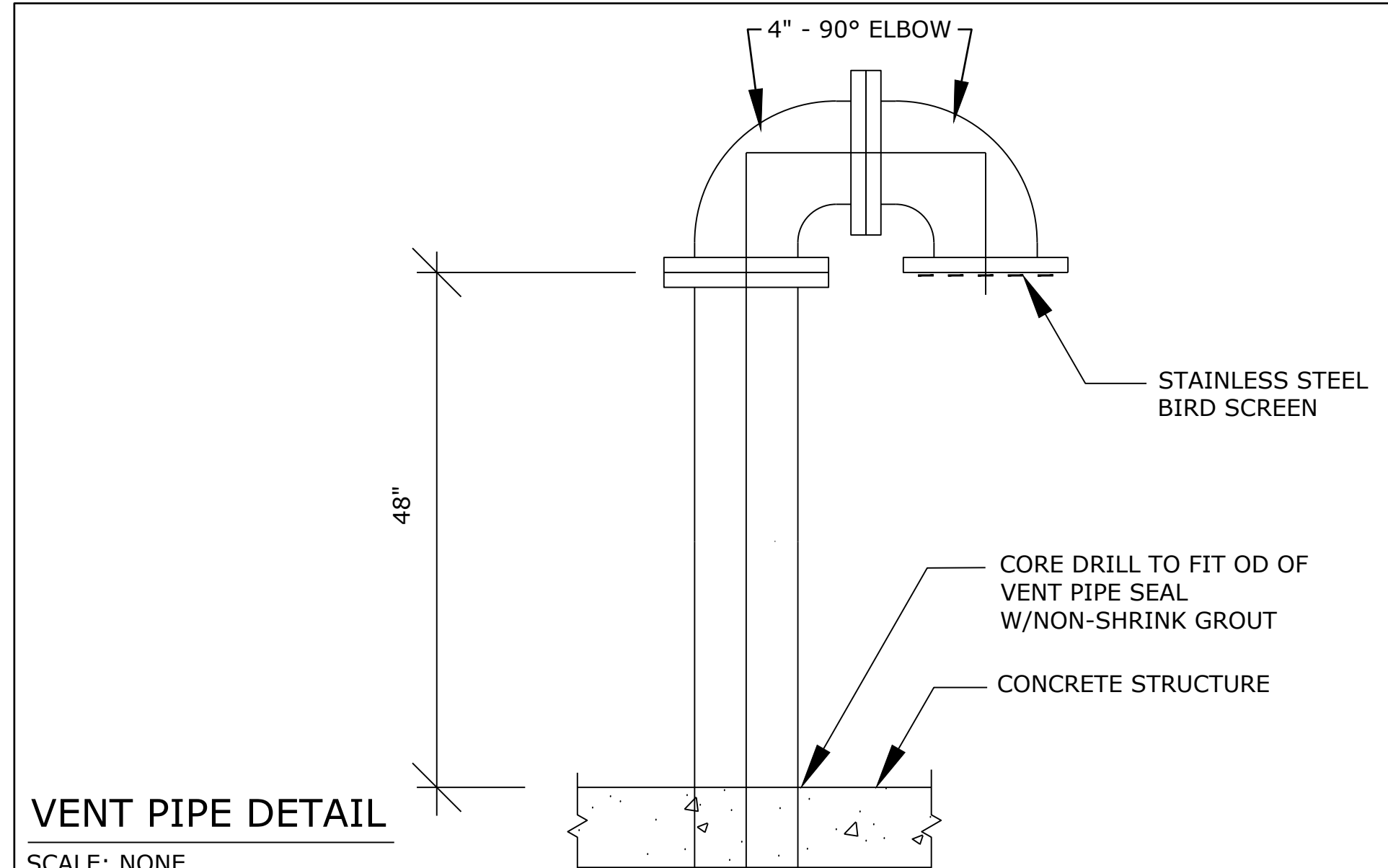


- NOTES:
- CONTACT MANUFACTURER OR DISTRIBUTOR FOR EXACT INSTALLATION TECHNIQUE AND DEPTH REQUIREMENTS.
  - STREAMS MAY REQUIRE ADDITIONAL OR ALTERNATE BMP. CHECK WITH MANUFACTURER FOR STREAM USE LIMITATIONS.
  - REMOVE SILT DEPOSITS FROM LAND SIDE OF CURTAIN. REMOVE CURTAIN AND ALL SOILS/ DEPOSITS UPON COMPLETION OF MAINTENANCE ACTIVITIES.



**FLOATATION SILT CURTAIN**

REVISED: 12-24      ENGINEERING DEPARTMENT      PLATE NO.: **5306**

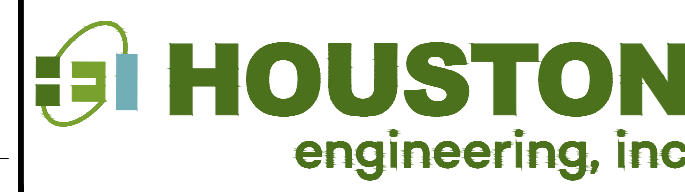


No.	Revision	Date	By
1	QUOTE SET	04/30/2026	AMP

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision, and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

*Adam Pawelk*  
Adam M. Pawelk  
License No. 49990

04/30/2026  
Date



Drawn by	Date
DAR	04/30/2026
Checked by	Scale
AMP	AS SHOWN

LIFT STATION #5 SITE IMPROVEMENTS  
CITY OF CHANHASSEN  
CHANHASSEN, MN

DETAILS II  
CITY PROJECT NO. 25-12

SHEET  
**6**