

# ASCENT CHURCH

## TOWN OF MONUMENT, COUNTY OF EL PASO, COLORADO

### GRADING & EROSION CONTROL PLAN

Revise to current standard notes for grading and erosion control

#### GRADING AND EROSION CONTROL STANDARD NOTES

1. STORMWATER DISCHARGES FROM CONSTRUCTION SITES SHALL NOT CAUSE OR THREATEN TO CAUSE POLLUTION, CONTAMINATION, OR DEGRADATION OF STATE WATERS. ALL WORK AND EARTH DISTURBANCE SHALL BE DONE IN A MANNER THAT MINIMIZES POLLUTION OF ANY ON-SITE OR OFF-SITE WATERS, INCLUDING WETLANDS.
2. NOTWITHSTANDING ANYTHING DEPICTED IN THESE PLANS IN WORDS OR GRAPHIC REPRESENTATION, ALL DESIGN AND CONSTRUCTION RELATED TO ROADS, STORM DRAINAGE AND EROSION CONTROL SHALL CONFORM TO THE STANDARDS AND REQUIREMENTS OF THE MOST RECENT VERSION OF THE RELEVANT ADOPTED EL PASO COUNTY STANDARDS, INCLUDING THE LAND DEVELOPMENT CODE, THE ENGINEERING CRITERIA MANUAL, THE DRAINAGE CRITERIA MANUAL, AND THE DRAINAGE CRITERIA MANUAL VOLUME 2. ANY DEVIATIONS FROM REGULATIONS AND STANDARDS MUST BE REQUESTED, AND APPROVED, IN WRITING.
3. A SEPARATE STORMWATER MANAGEMENT PLAN (SWMP) FOR THIS PROJECT SHALL BE COMPLETED AND AN EROSION AND STORMWATER QUALITY CONTROL PERMIT (ESQCP) ISSUED PRIOR TO COMMENCING CONSTRUCTION. MANAGEMENT OF THE SWMP DURING CONSTRUCTION IS THE RESPONSIBILITY OF THE DESIGNATED QUALIFIED STORMWATER MANAGER OR CERTIFIED EROSION CONTROL INSPECTOR. THE SWMP SHALL BE LOCATED ON SITE AT ALL TIMES DURING CONSTRUCTION AND SHALL BE KEPT UP TO DATE WITH WORK PROGRESS AND CHANGES IN THE FIELD. ONCE THE ESQCP IS APPROVED AND A NOTICE TO PROCEED HAS BEEN ISSUED, THE CONTRACTOR MAY INSTALL THE INITIAL STAGE EROSION AND SEDIMENT CONTROL MEASURES AS INDICATED ON THE APPROVED GEO. A PRECONSTRUCTION MEETING BETWEEN THE CONTRACTOR, ENGINEER, AND EL PASO COUNTY WILL BE HELD PRIOR TO ANY CONSTRUCTION. IT IS THE RESPONSIBILITY OF THE APPLICANT TO COORDINATE THE MEETING TIME AND PLACE WITH COUNTY STAFF.
5. CONTROL MEASURES MUST BE INSTALLED PRIOR TO COMMENCEMENT OF ACTIVITIES THAT COULD CONTRIBUTE POLLUTANTS TO STORMWATER. CONTROL MEASURES FOR ALL SLOPES, CHANNELS, DITCHES, AND DISTURBED LAND AREAS SHALL BE INSTALLED IMMEDIATELY UPON COMPLETION OF THE DISTURBANCE.
6. ALL TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES SHALL BE MAINTAINED AND REMAIN IN EFFECTIVE OPERATING CONDITION UNTIL PERMANENT SOIL EROSION CONTROL MEASURES ARE IMPLEMENTED AND FINAL STABILIZATION IS ESTABLISHED. ALL PERSONS ENGAGED IN LAND DISTURBANCE ACTIVITIES SHALL ASSESS THE ADEQUACY OF CONTROL MEASURES AT THE SITE AND IDENTIFY IF CHANGES TO THOSE CONTROL MEASURES ARE NEEDED TO ENSURE THE CONTINUED EFFECTIVE PERFORMANCE OF THE CONTROL MEASURES. ALL CHANGES TO TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES MUST BE INCORPORATED INTO THE STORMWATER MANAGEMENT PLAN.
7. TEMPORARY STABILIZATION SHALL BE IMPLEMENTED ON DISTURBED AREAS AND STOCKPILES WHERE GROUND DISTURBING CONSTRUCTION ACTIVITY HAS PERMANENTLY CEASED OR TEMPORARILY CEASED FOR LONGER THAN 14 DAYS.
8. FINAL STABILIZATION MUST BE IMPLEMENTED AT ALL APPLICABLE CONSTRUCTION SITES. FINAL STABILIZATION IS ACHIEVED WHEN ALL GROUND DISTURBING ACTIVITIES ARE COMPLETE AND ALL DISTURBED AREAS EITHER HAVE A UNIFORM VEGETATIVE COVER WITH INDIVIDUAL PLANT DENSITY OF 70 PERCENT OF PRE-DISTURBANCE LEVELS ESTABLISHED OR EQUIVALENT ALTERNATIVE STABILIZATION METHOD IS IMPLEMENTED. ALL TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES SHALL BE REMOVED UPON FINAL STABILIZATION AND BEFORE PERMIT CLOSURE.
9. ALL PERMANENT STORMWATER MANAGEMENT FACILITIES SHALL BE INSTALLED AS DESIGNED IN THE APPROVED PLANS. ANY PROPOSED CHANGES THAT AFFECT THE DESIGN OR FUNCTION OF PERMANENT STORMWATER MANAGEMENT STRUCTURES MUST BE APPROVED BY THE ECM ADMINISTRATOR PRIOR TO IMPLEMENTATION.
10. EARTH DISTURBANCES SHALL BE CONDUCTED IN SUCH A MANNER SO AS TO EFFECTIVELY MINIMIZE ACCELERATED SOIL EROSION AND RESULTING SEDIMENTATION. ALL DISTURBANCES SHALL BE DESIGNED, CONSTRUCTED, AND COMPLETED SO THAT THE EXPOSED AREA OF ANY DISTURBED LAND SHALL BE LIMITED TO THE SHORTEST PRACTICAL PERIOD OF TIME. PRE-EXISTING VEGETATION SHALL BE PROTECTED AND MAINTAINED WITHIN 50 HORIZONTAL FEET OF A WATERS OF THE STATE UNLESS SHOWN TO BE INFEASIBLE AND SPECIFICALLY REQUESTED AND APPROVED.
11. COMPACTION OF SOIL MUST BE PREVENTED IN AREAS DESIGNATED FOR INFILTRATION CONTROL MEASURES OR WHERE FINAL STABILIZATION WILL BE ACHIEVED BY VEGETATIVE COVER. AREAS DESIGNATED FOR INFILTRATION CONTROL MEASURES SHALL ALSO BE PROTECTED FROM SEDIMENTATION DURING CONSTRUCTION UNTIL FINAL STABILIZATION IS ACHIEVED. IF COMPACTION PREVENTION IS NOT FEASIBLE DUE TO SITE CONSTRAINTS, ALL AREAS DESIGNATED FOR INFILTRATION AND VEGETATION CONTROL MEASURES MUST BE LOOSENED PRIOR TO INSTALLATION OF THE CONTROL MEASURE(S).
12. ANY TEMPORARY OR PERMANENT FACILITY DESIGNED AND CONSTRUCTED FOR THE CONVEYANCE OF STORMWATER AROUND, THROUGH, OR FROM THE EARTH DISTURBANCE AREA SHALL BE A STABILIZED CONVEYANCE DESIGNED TO MINIMIZE EROSION AND THE DISCHARGE OF SEDIMENT OFF-SITE.
13. CONCRETE WASH WATER SHALL BE CONTAINED AND DISPOSED OF IN ACCORDANCE WITH THE SWMP. NO WASH WATER SHALL BE DISCHARGED TO OR ALLOWED TO ENTER STATE WATERS, INCLUDING ANY SURFACE OR SUBSURFACE STORM DRAINAGE SYSTEM OR FACILITIES. CONCRETE WASHOUTS SHALL NOT BE LOCATED IN AN AREA WHERE SHALLOW GROUNDWATER MAY BE PRESENT, OR WITHIN 50 FEET OF A SURFACE WATER BODY, CREEK OR STREAM.
14. DURING DEWATERING OPERATIONS OF UNCONTAMINATED GROUND WATER MAY BE DISCHARGED ON SITE, BUT SHALL NOT LEAVE THE SITE IN THE FORM OF SURFACE RUNOFF UNLESS AN APPROVED STATE DEWATERING PERMIT IS IN PLACE.
15. EROSION CONTROL BLANKETING OR OTHER PROTECTIVE COVERING SHALL BE USED ON SLOPES STEEPER THAN 3:1.
16. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL WASTES FROM THE CONSTRUCTION SITE FOR DISPOSAL IN ACCORDANCE WITH LOCAL AND STATE REGULATORY REQUIREMENTS. NO CONSTRUCTION DEBRIS, TREE SLASH, BUILDING MATERIAL WASTES OR UNUSED BUILDING MATERIALS SHALL BE BURIED, DUMPED, OR DISCHARGED AT THE SITE.
17. WASTE MATERIALS SHALL NOT BE TEMPORARILY PLACED OR STORED IN THE STREET, ALLEY, OR OTHER PUBLIC WAY, UNLESS IN ACCORDANCE WITH AN APPROVED TRAFFIC CONTROL PLAN. CONTROL MEASURES MAY BE REQUIRED BY EL PASO COUNTY ENGINEERING IF DEEMED NECESSARY, BASED ON SPECIFIC CONDITIONS AND CIRCUMSTANCES.
18. TRACKING OF SOILS AND CONSTRUCTION DEBRIS OFF-SITE SHALL BE MINIMIZED. MATERIALS TRACKED OFF-SITE SHALL BE CLEANED UP AND PROPERLY DISPOSED OF IMMEDIATELY.
19. THE OWNER/DEVELOPER SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL CONSTRUCTION DEBRIS, DIRT, TRASH, ROCK, SEDIMENT, SOIL, AND SAND THAT MAY ACCUMULATE IN ROADS, STORM DRAINS AND OTHER DRAINAGE CONVEYANCE SYSTEMS AND STORMWATER APPURTENANCES AS A RESULT OF SITE DEVELOPMENT.
20. THE QUANTITY OF MATERIALS STORED ON THE PROJECT SITE SHALL BE LIMITED, AS MUCH AS PRACTICAL, TO THAT QUANTITY REQUIRED TO PERFORM THE WORK IN AN ORDERLY SEQUENCE. ALL MATERIALS STORED ON-SITE SHALL BE STORED IN A NEAT, ORDERLY MANNER, IN THEIR ORIGINAL CONTAINERS, WITH ORIGINAL MANUFACTURER'S LABELS.
21. NO CHEMICAL(S) HAVING THE POTENTIAL TO BE RELEASED IN STORMWATER ARE TO BE STORED OR USED ON-SITE UNLESS PERMISSION FOR THE USE OF SUCH CHEMICAL(S) IS GRANTED IN WRITING BY THE ECM ADMINISTRATOR. IN GRANTING APPROVAL FOR THE USE OF SUCH CHEMICAL(S), SPECIAL CONDITIONS AND MONITORING MAY BE REQUIRED.
22. BULK STORAGE OF ALLOWED PETROLEUM PRODUCTS OR OTHER ALLOWED LIQUID CHEMICALS IN EXCESS OF 55 GALLONS SHALL REQUIRE ADEQUATE SECONDARY CONTAINMENT PROTECTION TO CONTAIN ALL SPILLS ONSITE AND TO PREVENT ANY SPILLED MATERIALS FROM ENTERING STATE WATERS, ANY SURFACE OR SUBSURFACE STORM DRAINAGE SYSTEM OR OTHER FACILITIES.
23. NO PERSON SHALL CAUSE THE IMPEDIMENT OF STORMWATER FLOW IN THE CURB AND GUTTER OR DITCH EXCEPT WITH APPROVED SEDIMENT CONTROL MEASURES.
24. OWNER/DEVELOPER AND THEIR AGENTS SHALL COMPLY WITH THE "COLORADO WATER QUALITY CONTROL ACT" (TITLE 25, ARTICLE 8, CRS), AND THE "CLEAN WATER ACT" (33 USC 1344), IN ADDITION TO THE REQUIREMENTS OF THE LAND DEVELOPMENT CODE, DCM VOLUME II AND THE ECM APPENDIX I. ALL APPROPRIATE PERMITS MUST BE OBTAINED BY THE CONTRACTOR PRIOR TO CONSTRUCTION (1041, NPDES, FLOODPLAIN, 404, FUGITIVE DUST, ETC.). IN THE EVENT OF CONFLICTS BETWEEN THESE REQUIREMENTS AND OTHER LAWS, RULES, OR REGULATIONS OF OTHER FEDERAL, STATE, LOCAL, OR COUNTY AGENCIES, THE MOST RESTRICTIVE LAWS, RULES, OR REGULATIONS SHALL APPLY.
25. ALL CONSTRUCTION TRAFFIC MUST ENTER/EXIT THE SITE ONLY AT APPROVED CONSTRUCTION ACCESS POINTS.
26. PRIOR TO CONSTRUCTION THE PERMITTEE SHALL VERIFY THE LOCATION OF EXISTING UTILITIES.
27. A WATER SOURCE SHALL BE AVAILABLE ON SITE DURING EARTHWORK OPERATIONS AND SHALL BE UTILIZED AS REQUIRED TO MINIMIZE DUST FROM EARTHWORK EQUIPMENT AND WIND.
28. THE SOILS REPORT FOR THIS SITE HAS BEEN PREPARED BY ENTECH ENGINEERING INC. ON MAY 25, 2022 AND SHALL BE CONSIDERED A PART OF THESE PLANS.
29. AT LEAST TEN (10) DAYS PRIOR TO THE ANTICIPATED START OF CONSTRUCTION, FOR PROJECTS THAT WILL DISTURB ONE (1) ACRE OR MORE, THE OWNER OR OPERATOR OF CONSTRUCTION ACTIVITY SHALL SUBMIT A PERMIT APPLICATION FOR STORMWATER DISCHARGE TO THE COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT, WATER QUALITY DIVISION. THE APPLICATION CONTAINS CERTIFICATION OF COMPLETION OF A STORMWATER MANAGEMENT PLAN (SWMP), OF WHICH THIS GRADING AND EROSION CONTROL PLAN MAY BE A PART. FOR INFORMATION OR APPLICATION MATERIALS CONTACT:  
 COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT  
 WATER QUALITY CONTROL DIVISION  
 WQCD - PERMITS  
 4300 CHERRY CREEK DRIVE SOUTH  
 DENVER, CO 80246-1530  
 ATTN: PERMITS UNIT



#### SHEET INDEX

1	-	COVER SHEET
2	-	LEGEND
3	-	TYPICAL SECTIONS
4	-	GEC INITIAL-INTERIM
5	-	GEC FINAL
6	-	STORM PLAN & PROFILE
7-10	-	POND GRADING PLAN
11-13	-	DETAILS
13	-	TOTAL SHEETS

#### BASIS OF BEARINGS

BEARINGS ARE BASED UPON THE EAST LINE OF LOT 1, TRI-LAKES SUBDIVISION AS BEARING 300°02'01" W BETWEEN THE MONUMENTS SHOWN HEREON.

#### BENCHMARK

NGS BENCHMARK KK1313 STAINLESS STEEL ROD, MARKER STAMPED: "T 395 1983." NAVD 88 ELEVATION=7111.32'

#### AGENCIES

OWNER/DEVELOPER:	ASCENT CHURCH 1750 DEER CREEK ROAD MONUMENT, CO 80132 JASON SCHOTT (720) 724-3435	WATER & WASTEWATER:	WOODMOOR WATER & SANITATION DISTRICT NO. 1 1845 WOODMOOR DRIVE MONUMENT, CO 80132 (719) 448-2525
CIVIL ENGINEER:	ALL TERRAIN ENGINEERING 1004 WEST VAN BUREN STREET COLORADO SPRINGS, CO 80907 NICHOLAS Q. JOKERST, P.E. (530) 391-7635	FIRE DISTRICT:	TRI-LAKES MONUMENT FIRE PROTECTION DISTRICT 18650 CO-105 MONUMENT, CO 80132 (719) 484-0911
COUNTY ENGINEERING:	EL PASO COUNTY PLANNING AND COMMUNITY DEVELOPMENT 2880 INTERNATIONAL CIRCLE, SUITE 110 COLORADO SPRINGS, CO 80910 JEFF RICE, P.E. (719) 520-6300	GAS DEPARTMENT:	BLACK HILLS ENERGY 105 S VICTORIA AVENUE PUEBLO, CO 81003 (888) 890-5554
TRAFFIC ENGINEERING:	EL PASO COUNTY DEPARTMENT OF PUBLIC WORKS 3275 AKERS DRIVE COLORADO SPRINGS, CO 80922 JENNIFER IRVINE, P.E. (719) 520-6460	ELECTRIC DEPARTMENT:	MOUNTAIN VIEW ELECTRIC 11140 E. WOODMEN ROAD FALCON, CO 80831 (719) 495-2283



PREPARED FOR:  
ASCENT CHURCH  
1750 DEER CREEK ROAD  
MONUMENT, CO 80132  
ATTN: JASON SCHOTT  
(720) 724-3435  
JSCHOTT@THEASCENTCHURCH.COM

UNTIL SUCH TIME AS THESE DRAWINGS ARE APPROVED BY THE APPROPRIATE REVIEWING AGENCIES, ALL TERRAIN ENGINEERING APPROVES THEIR USE ONLY FOR THE PURPOSES DESIGNATED BY WRITTEN AUTHORIZATION.

DATE	LOCATION: ###	JOB NO: 25023	REV DESCRIPTION

#### ENGINEER'S STATEMENT

THESE DETAILED PLANS AND SPECIFICATIONS WERE PREPARED UNDER MY DIRECT SUPERVISION. SAID PLANS AND SPECIFICATIONS HAVE BEEN PREPARED ACCORDING TO THE CRITERIA ESTABLISHED BY THE COUNTY FOR DETAILED ROADWAY, DRAINAGE, GRADING AND EROSION CONTROL PLANS AND SPECIFICATIONS, AND SAID PLANS AND SPECIFICATIONS ARE IN CONFORMITY WITH APPLICABLE MASTER DRAINAGE PLANS AND MASTER TRANSPORTATION PLANS. SAID PLAN AND SPECIFICATIONS MEET THE PURPOSES FOR WHICH THE PARTICULAR ROADWAY AND DRAINAGE FACILITIES ARE DESIGNED AND ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I ACCEPT RESPONSIBILITY FOR ANY LIABILITY CAUSED BY ANY NEGLIGENT ACTS, ERRORS OR OMISSIONS ON MY PART IN PREPARATION OF THESE DETAILED PLANS AND SPECIFICATIONS.

NICHOLAS Q. JOKERST, P.E. \_\_\_\_\_ DATE \_\_\_\_\_  
 COLORADO P.E. 59273  
 FOR AND ON BEHALF OF ALL TERRAIN ENGINEERING LLC

#### EL PASO COUNTY STATEMENT

COUNTY PLAN REVIEW IS PROVIDED ONLY FOR GENERAL CONFORMANCE WITH COUNTY DESIGN CRITERIA. THE COUNTY IS NOT RESPONSIBLE FOR THE ACCURACY AND ADEQUACY OF THE DESIGN, DIMENSIONS, AND/OR ELEVATIONS WHICH SHALL BE CONFIRMED AT THE JOB SITE. THE COUNTY THROUGH THE APPROVAL OF THIS DOCUMENT ASSUMES NO RESPONSIBILITY FOR COMPLETENESS AND/OR ACCURACY OF THIS DOCUMENT.

FILED IN ACCORDANCE WITH THE REQUIREMENTS OF THE EL PASO COUNTY LAND DEVELOPMENT CODE, DRAINAGE CRITERIA MANUAL, VOLUMES 1 AND 2, AND ENGINEERING CRITERIA MANUAL AS AMENDED.

#### OWNER/DEVELOPER STATEMENT

I, THE OWNER/DEVELOPER HAVE READ AND WILL COMPLY WITH THE REQUIREMENTS OF THE GRADING AND EROSION CONTROL PLAN AND ALL OF THE REQUIREMENTS SPECIFIED IN THESE DETAILED PLANS AND SPECIFICATIONS.

NAME \_\_\_\_\_ DATE \_\_\_\_\_  
 ASCENT CHURCH  
 1750 DEER CREEK ROAD  
 MONUMENT, CO 80132

IN ACCORDANCE WITH ECM SECTION 1.12, THESE CONSTRUCTION DOCUMENTS WILL BE VALID FOR CONSTRUCTION FOR A PERIOD OF 2 YEARS FROM THE DATE SIGNED BY THE EL PASO COUNTY ENGINEER. IF CONSTRUCTION HAS NOT STARTED WITHIN THOSE 2 YEARS, THE PLANS WILL NEED TO BE RESUBMITTED FOR APPROVAL, INCLUDING PAYMENT OF REVIEW FEES AT THE PLANNING AND COMMUNITY DEVELOPMENT DIRECTORS DISCRETION.

JOSHUA PALMER, P.E. \_\_\_\_\_ DATE \_\_\_\_\_  
 COUNTY ENGINEER/ECM ADMINISTRATOR

THE LOCATIONS OF EXISTING ABOVE GROUND AND UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL ABOVE GROUND AND UNDERGROUND UTILITIES.



PCD File PPR265

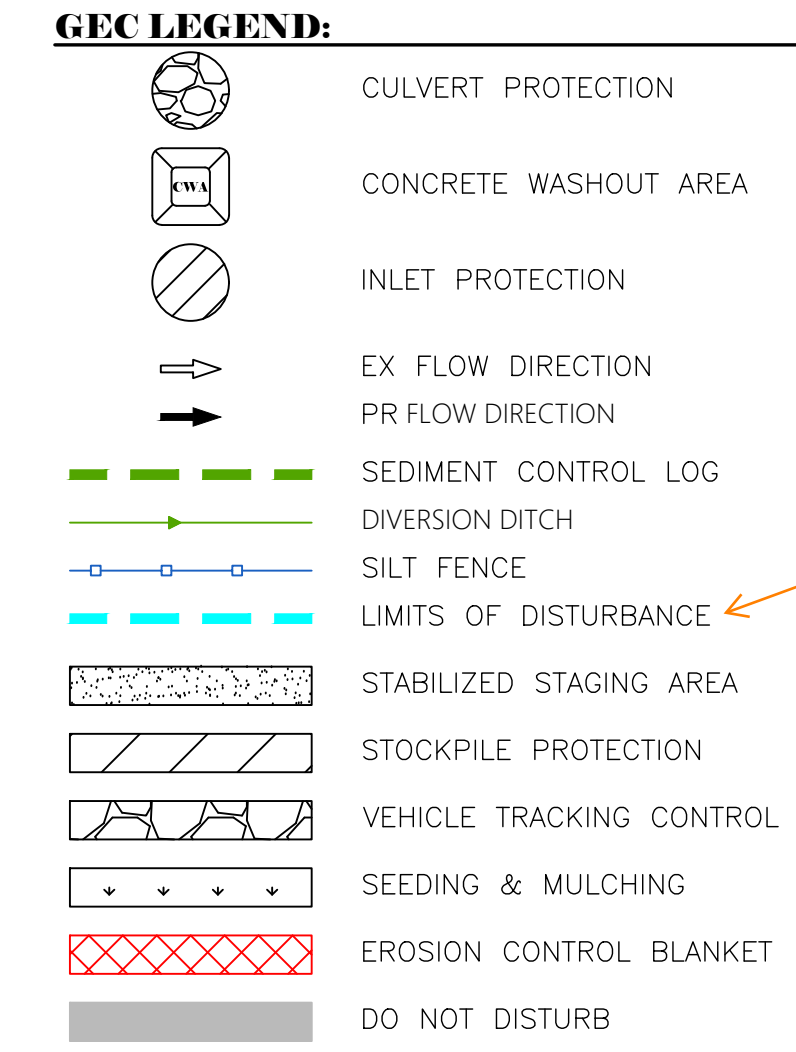
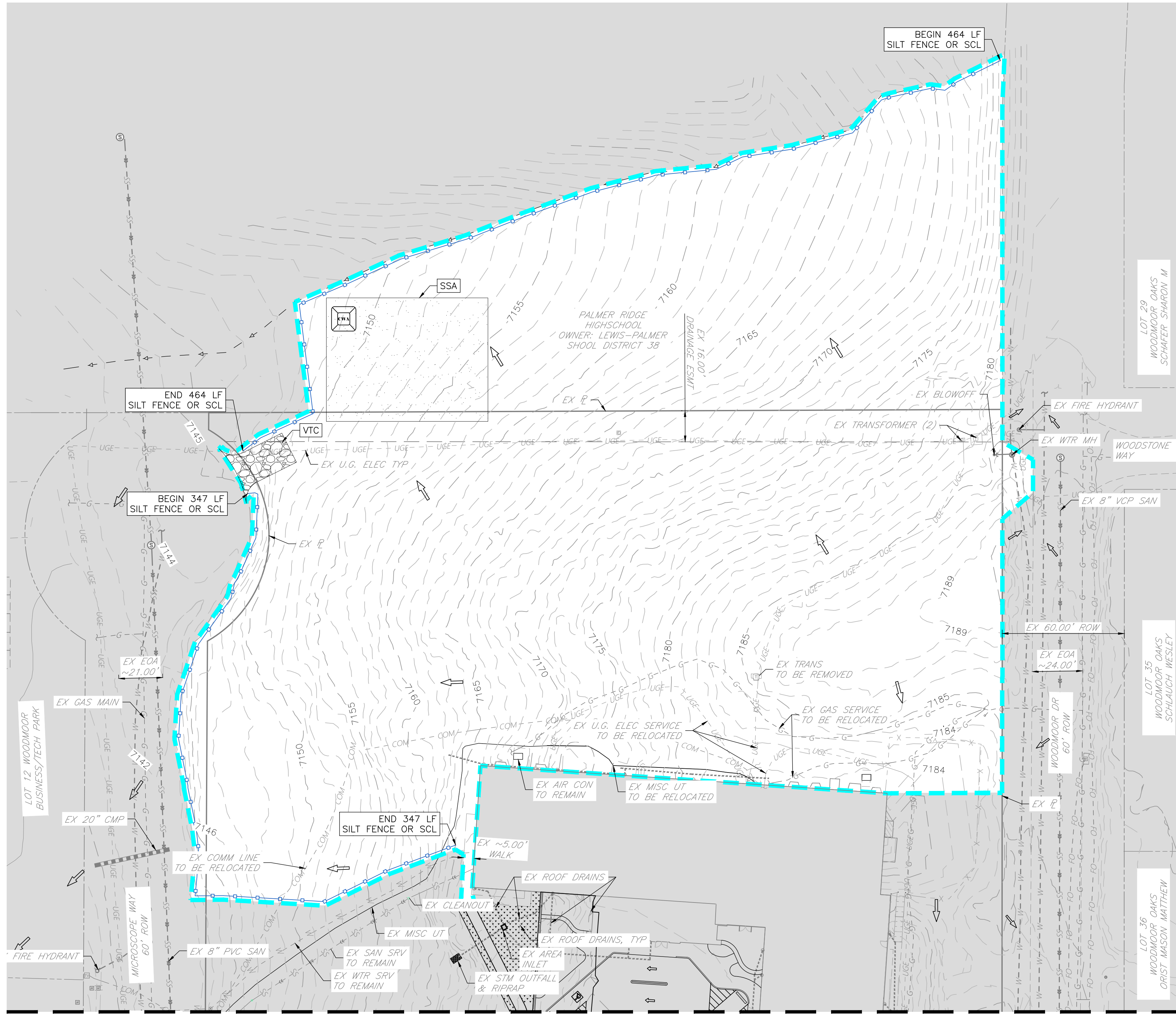
ASCENT CHURCH

COVER SHEET

DESIGN: NQJ  
 REVIEW: REB  
 DATE: 04/17/2026  
 H-SCALE: 1" = X'  
 V-SCALE: 1" = X'  
 SHEET  
 1 OF 13





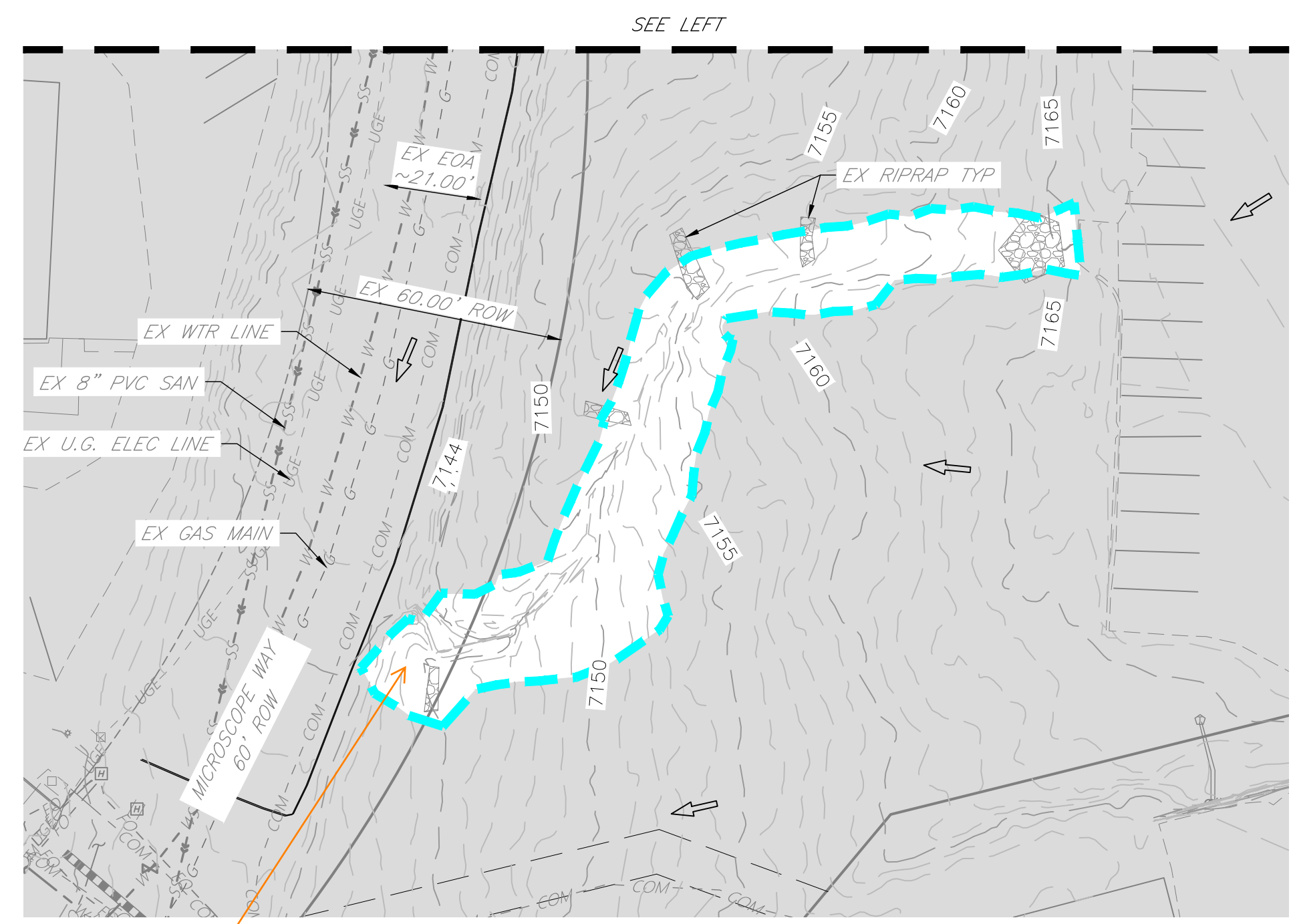


**NOTES:**

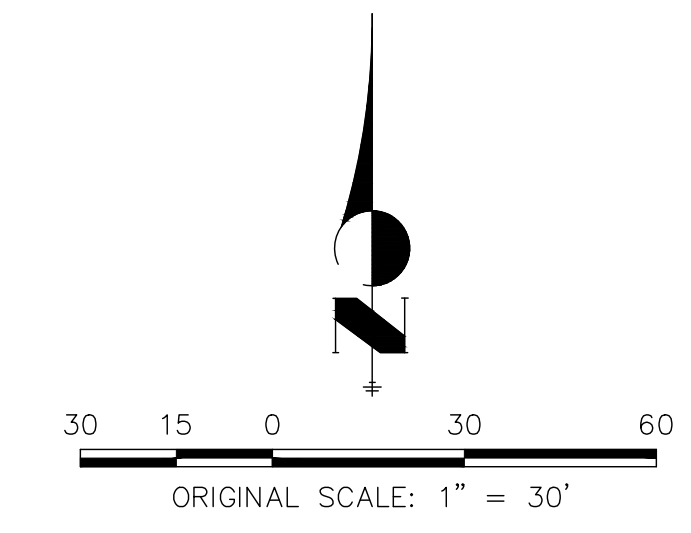
- CONTRACTOR TO STABILIZE ALL 3:1 SLOPES WITH EROSION CONTROL BLANKET.
- SEE LANDSCAPING PLAN FOR EXISTING & PROPOSED VEGETATION.

If "limits of disturbance" and "construction boundary" are the same, change to "limits of construction/disturbance" or otherwise show as separate line types for each on the legend and figure.

Show existing vegetation (notes are acceptable in cases where there is no notable vegetation, only grasses/weeds, or site has already been stripped)



Please provide control measures to prevent sediment from discharging off-site during construction



**ENGINEER'S STATEMENT**

THESE DETAILED PLANS AND SPECIFICATIONS WERE PREPARED UNDER MY DIRECT SUPERVISION. SAID PLANS AND SPECIFICATIONS HAVE BEEN PREPARED ACCORDING TO THE CRITERIA ESTABLISHED BY THE COUNTY FOR DETAILED ROADWAY, DRAINAGE, GRADING AND EROSION CONTROL PLANS AND SPECIFICATIONS, AND SAID PLANS AND SPECIFICATIONS ARE IN CONFORMITY WITH APPLICABLE MASTER DRAINAGE PLANS AND MASTER TRANSPORTATION PLANS. SAID PLAN AND SPECIFICATIONS MEET THE PURPOSES FOR WHICH THE PARTICULAR ROADWAY AND DRAINAGE FACILITIES ARE DESIGNED AND ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I ACCEPT RESPONSIBILITY FOR ANY LIABILITY CAUSED BY ANY NEGLIGENT ACTS, ERRORS OR OMISSIONS ON MY PART IN PREPARATION OF THESE DETAILED PLANS AND SPECIFICATIONS.

NICHOLAS Q. JOKERST, P.E. COLORADO P.E. 59273 FOR AND ON BEHALF OF ALL TERRAIN ENGINEERING LLC



THE LOCATIONS OF EXISTING ABOVE GROUND AND UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL ABOVE GROUND AND UNDERGROUND UTILITIES.



PREPARED FOR:  
ASCENT CHURCH  
1750 DEER CREEK ROAD  
MONUMENT, CO 80132  
ATTN: JASON SCHOTT  
(720) 724-3435  
JSCHOTT@THEASCENTCHURCH.COM

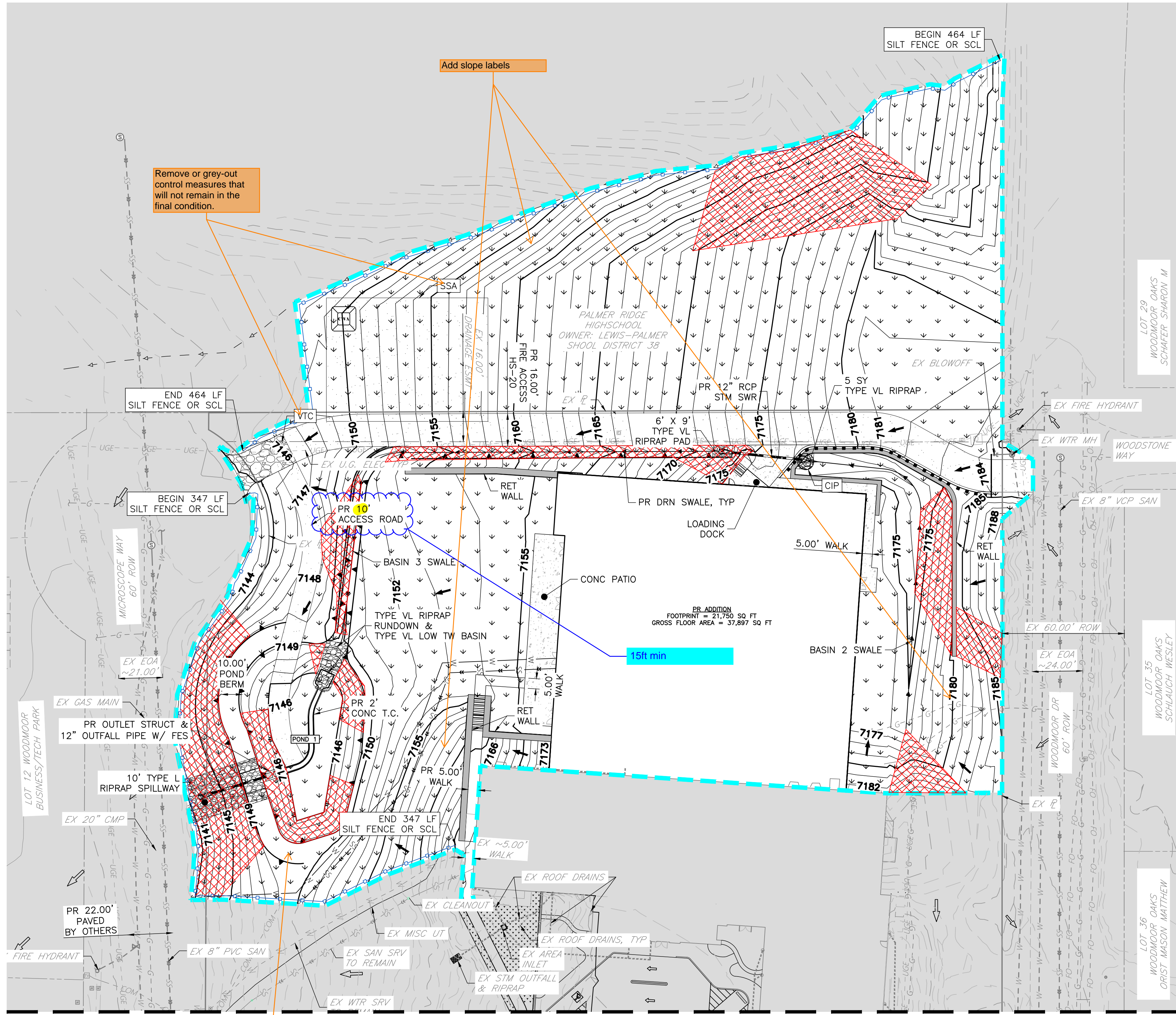
UNTIL SUCH TIME AS THESE DRAWINGS ARE APPROVED BY THE APPROPRIATE REVIEWING AGENCIES, ALL TERRAIN ENGINEERING APPROVES THEIR USE ONLY FOR THE PURPOSES DESIGNATED BY WRITTEN AUTHORIZATION.

REV	DESCRIPTION	DATE

JOB NO: 25023 LOCATION: EPC  
DESIGN: NQJ  
REVIEW: REB  
DATE: 04/17/2026  
H-SCALE: 1"=30'  
V-SCALE: NA  
SHEET

ASCENT CHURCH  
GEC INITIAL-INTERIM  
4 OF 13

NICHOLAS Q. JOKERST, P.E. 59273 FOR AND ON BEHALF OF ALL TERRAIN ENGINEERING LLC



Remove or grey-out control measures that will not remain in the final condition.

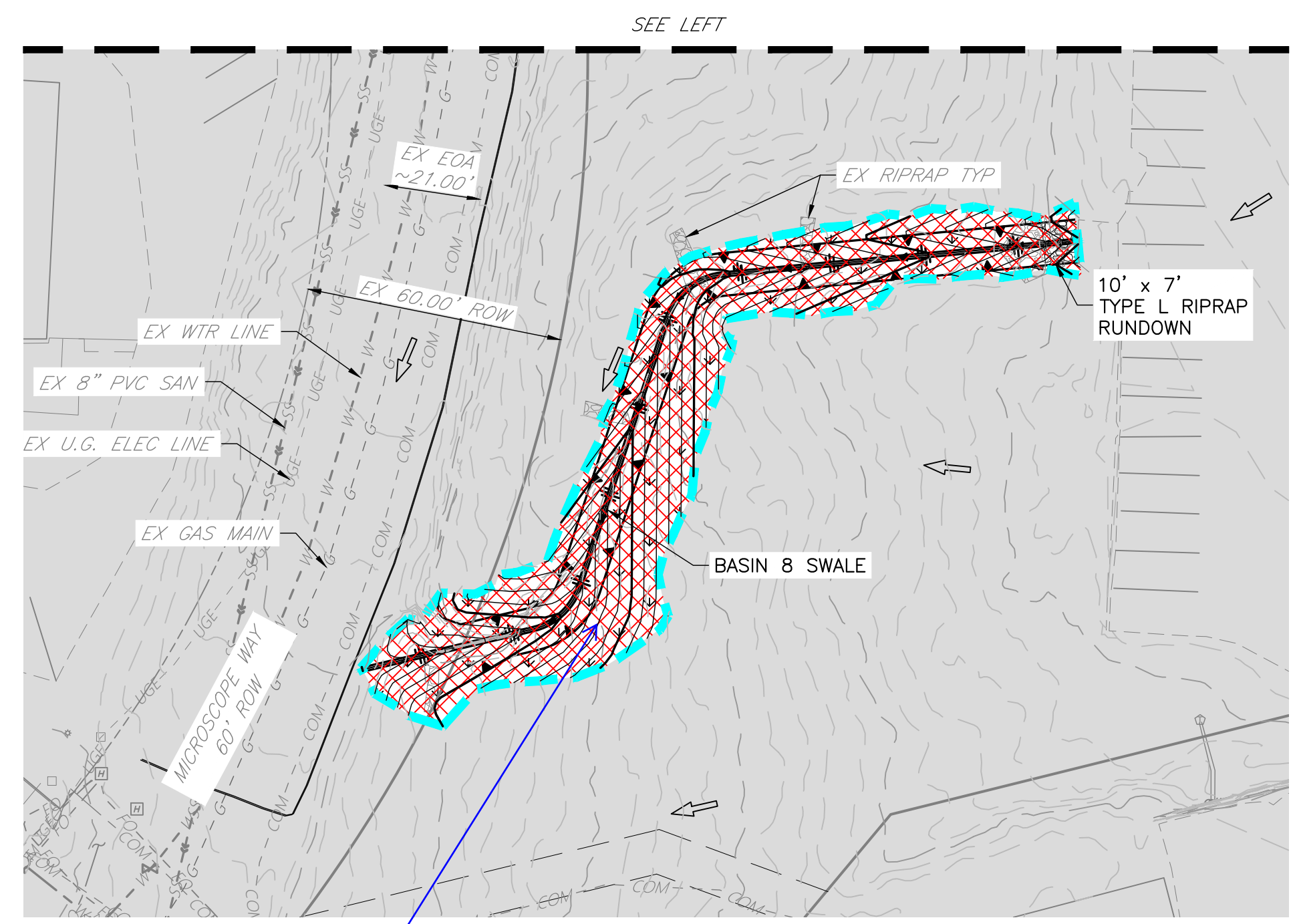
Add slope labels

- GEC LEGEND:**
- CULVERT PROTECTION
  - CONCRETE WASHOUT AREA
  - INLET PROTECTION
  - EX FLOW DIRECTION  
PR FLOW DIRECTION
  - SEDIMENT CONTROL LOG
  - DIVERSION DITCH
  - SILT FENCE
  - LIMITS OF DISTURBANCE
  - STABILIZED STAGING AREA
  - STOCKPILE PROTECTION
  - VEHICLE TRACKING CONTROL
  - SEEDING & MULCHING
  - EROSION CONTROL BLANKET
  - DO NOT DISTURB

- NOTES:**
- CONTRACTOR TO STABILIZE ALL 3:1 SLOPES WITH EROSION CONTROL BLANKET.
  - SEE LANDSCAPING PLAN FOR EXISTING & PROPOSED VEGETATION.

Indicate the phase of implementation for each temp control measure (initial/interim/final)

Show areas of proposed cut and fill



Provide pond maintenance access easement and the road itself from the bottom of the pond up the embankment, around the perimeter of the pond, and to a public road, per DCMv1, Chap 11.2.2.

DCM Chpt 10.2 Table 10.4

Greater than 10%	Soil Type	Velocity
	Sodded grass	5
	Bermudagrass	4
	Reed canarygrass	3
	Tall fescue	3
	Kentucky bluegrass	3

\*For highly erodible soils, decrease permissible velocities by 25%.

\*Grass lined channels are dependent upon assurances of continuous growth and maintenance of grass.

If swale will not have irrigation to ensure grass growth then TRM with check dams should be considered. The GEC Plan reflects ECB in the drawing where the swale profile denotes TRM. Velocity exceed 4ft/s such that the seed mix spec'd does not hold and will not establish without irrigation



Know what's below.  
Call before you dig.

THE LOCATIONS OF EXISTING ABOVE GROUND AND UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL ABOVE GROUND AND UNDERGROUND UTILITIES.

**ENGINEER'S STATEMENT**

THESE DETAILED PLANS AND SPECIFICATIONS WERE PREPARED UNDER MY DIRECT SUPERVISION. SAID PLANS AND SPECIFICATIONS HAVE BEEN PREPARED ACCORDING TO THE CRITERIA ESTABLISHED BY THE COUNTY FOR DETAILED ROADWAY, DRAINAGE, GRADING AND EROSION CONTROL PLANS AND SPECIFICATIONS, AND SAID PLANS AND SPECIFICATIONS ARE IN CONFORMITY WITH APPLICABLE MASTER DRAINAGE PLANS AND MASTER TRANSPORTATION PLANS. SAID PLAN AND SPECIFICATIONS MEET THE PURPOSES FOR WHICH THE PARTICULAR ROADWAY AND DRAINAGE FACILITIES ARE DESIGNED AND ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I ACCEPT RESPONSIBILITY FOR ANY LIABILITY CAUSED BY ANY NEGLIGENT ACTS, ERRORS OR OMISSIONS ON MY PART IN PREPARATION OF THESE DETAILED PLANS AND SPECIFICATIONS.

NICHOLAS Q. JOKERST, P.E. COLORADO P.E. 59273 FOR AND ON BEHALF OF ALL TERRAIN ENGINEERING LLC

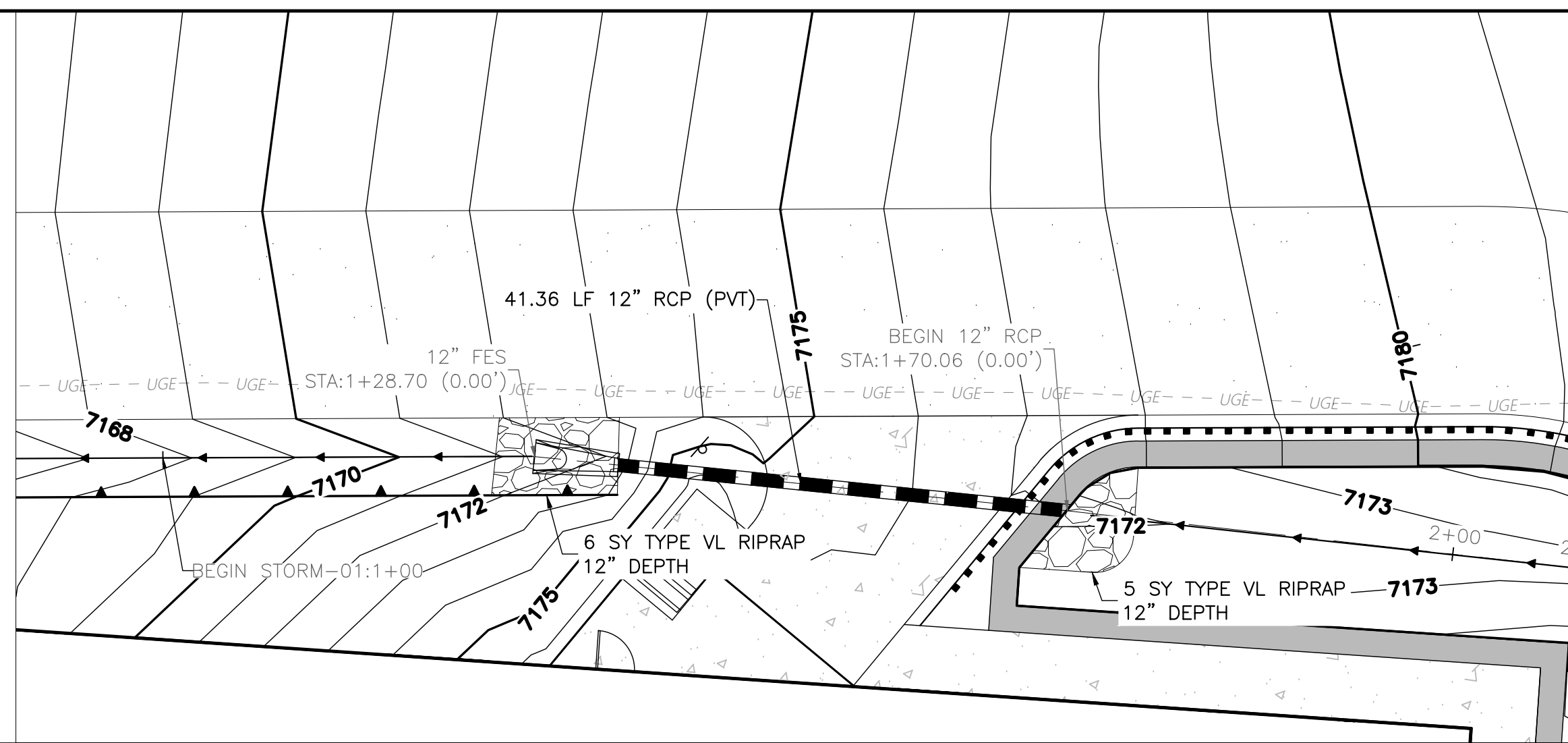


PREPARED FOR:  
ASCENT CHURCH  
1750 DEER CREEK ROAD  
MONUMENT, CO 80132  
ATTN: JASON SCHOTT  
(720) 724-3435  
JSCHOTT@THEASCENTCHURCH.COM

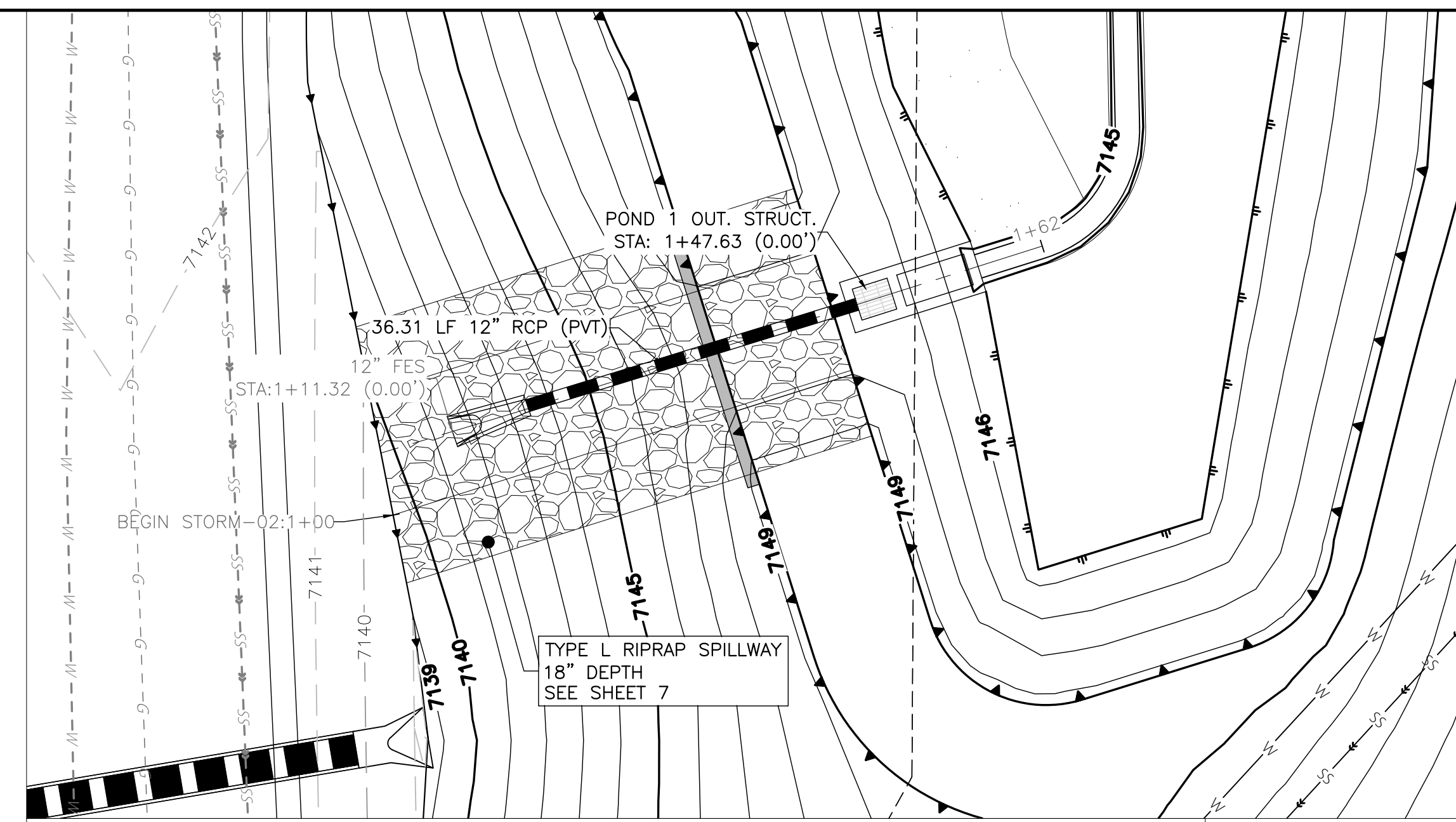
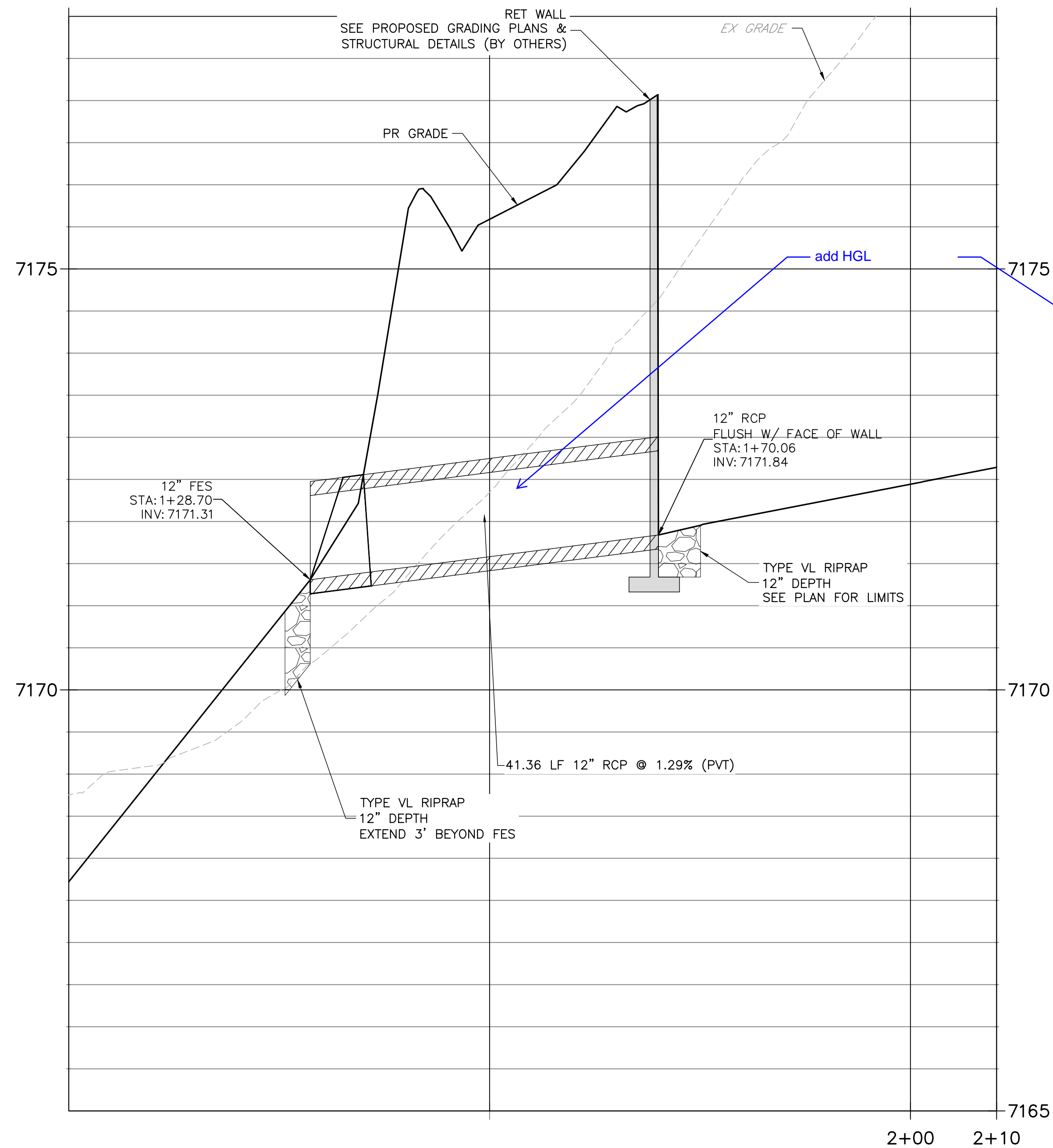
UNTIL SUCH TIME AS THESE DRAWINGS ARE APPROVED BY THE APPROPRIATE REVIEWING AGENCIES, ALL TERRAIN ENGINEERING APPROVES THEIR USE ONLY FOR THE PURPOSES DESIGNATED BY WRITTEN AUTHORIZATION.

DATE	DESCRIPTION

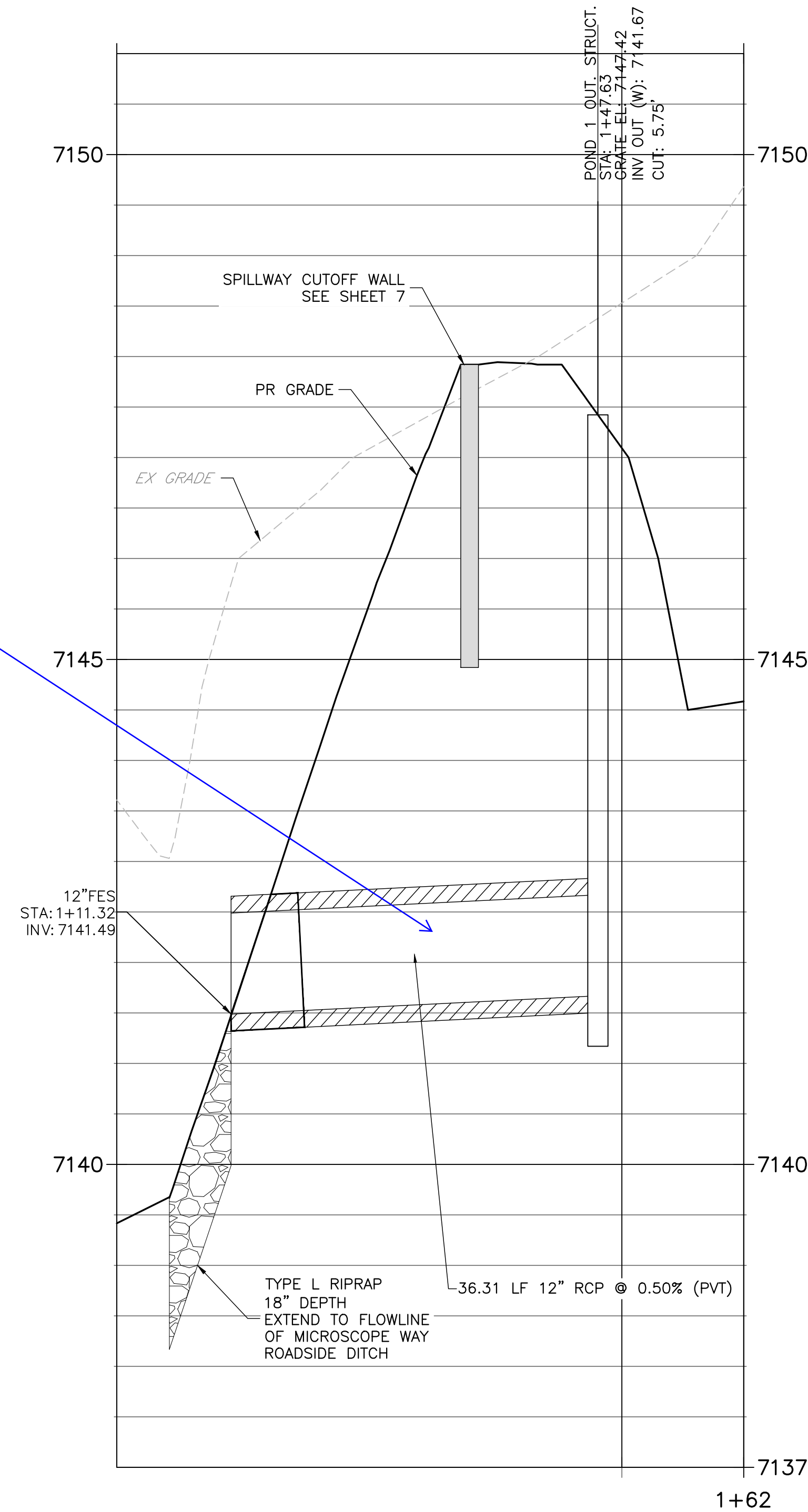
DESIGN: NQJ  
REVIEW: REB  
DATE: 04/17/2026  
H-SCALE: 1"=30'  
V-SCALE: NA  
SHEET



**STORM-01**  
**STA 1+00.00 TO 2+10.23**



**STORM-02**  
**STA 1+00.00 TO 1+62.07**



Know what's below.  
Call before you dig.



THE LOCATIONS OF EXISTING ABOVE GROUND AND UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL ABOVE GROUND AND UNDERGROUND UTILITIES.

**ENGINEER'S STATEMENT**

THESE DETAILED PLANS AND SPECIFICATIONS WERE PREPARED UNDER MY DIRECT SUPERVISION. SAID PLANS AND SPECIFICATIONS HAVE BEEN PREPARED ACCORDING TO THE CRITERIA ESTABLISHED BY THE COUNTY FOR DETAILED ROADWAY, DRAINAGE, GRADING AND EROSION CONTROL PLANS AND SPECIFICATIONS, AND SAID PLANS AND SPECIFICATIONS ARE IN CONFORMITY WITH APPLICABLE MASTER DRAINAGE PLANS AND MASTER TRANSPORTATION PLANS. SAID PLAN AND SPECIFICATIONS MEET THE PURPOSES FOR WHICH THE PARTICULAR ROADWAY AND DRAINAGE FACILITIES ARE DESIGNED AND ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I ACCEPT RESPONSIBILITY FOR ANY LIABILITY CAUSED BY ANY NEGLIGENT ACTS, ERRORS OR OMISSIONS ON MY PART IN PREPARATION OF THESE DETAILED PLANS AND SPECIFICATIONS.

NICHOLAS Q. JOKERST, P.E. COLORADO P.E. 59273 FOR AND ON BEHALF OF ALL TERRAIN ENGINEERING LLC

DATE



PREPARED FOR:  
ASCENT CHURCH  
1750 DEER CREEK ROAD  
MONUMENT, CO 80132  
ATTN: JASON SCHOTT  
(720) 724-3435  
JSCHOTT@THEASCENTCHURCH.COM

UNTIL SUCH TIME AS THESE DRAWINGS ARE APPROVED BY THE APPROPRIATE REVIEWING AGENCIES, ALL TERRAIN ENGINEERING APPROVES THEIR USE ONLY FOR THE PURPOSES DESIGNATED BY WRITTEN AUTHORIZATION.

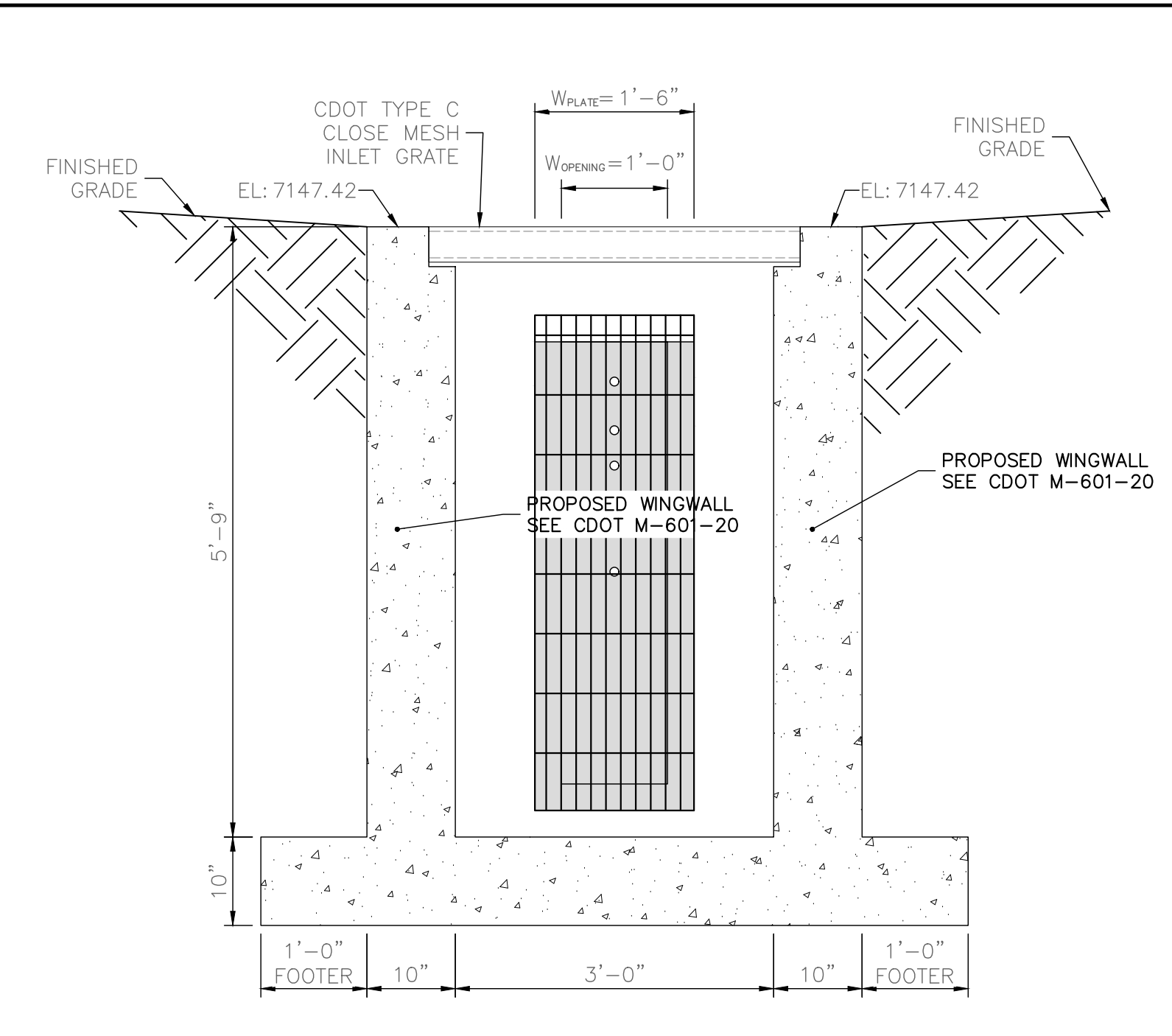
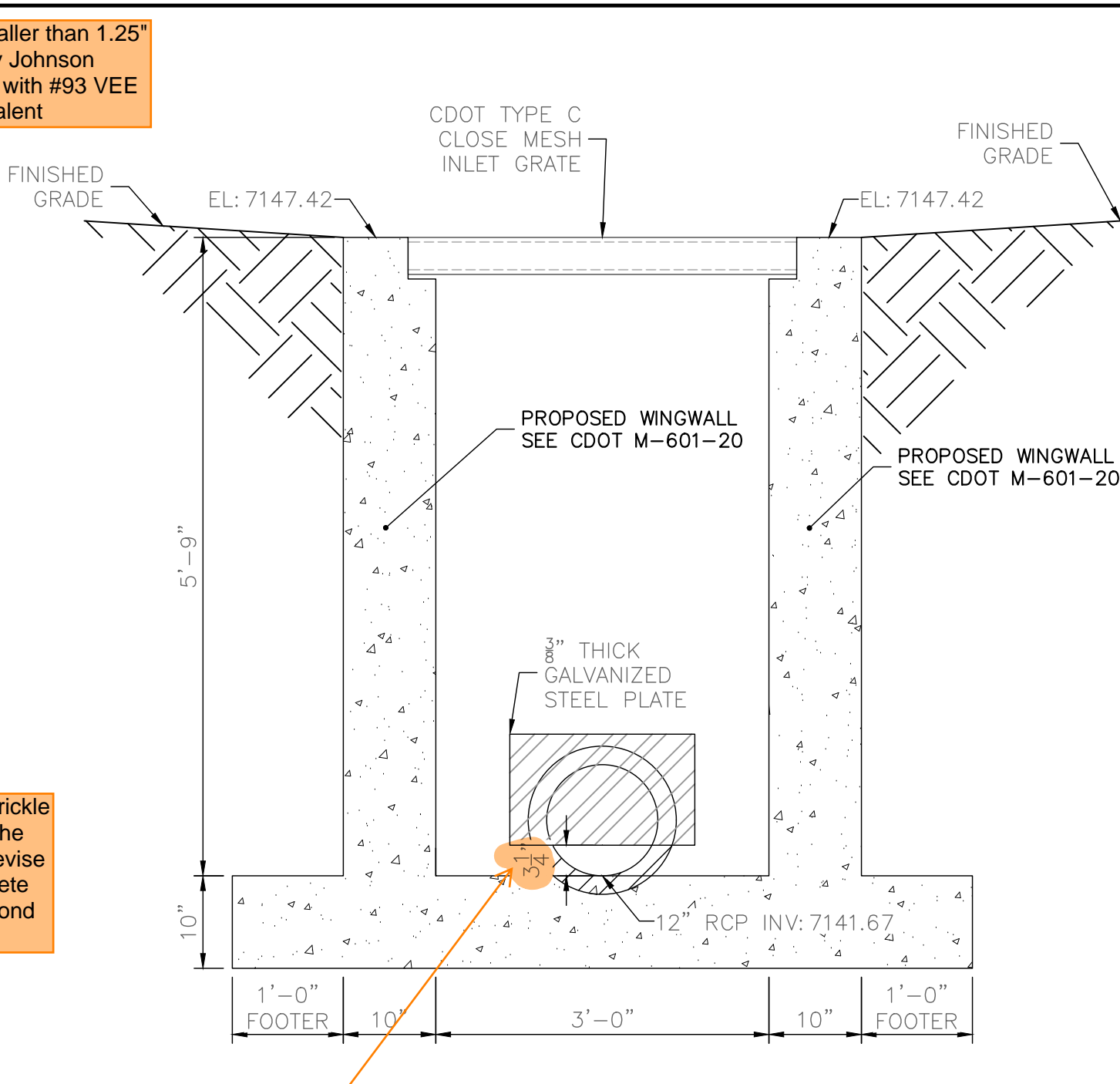
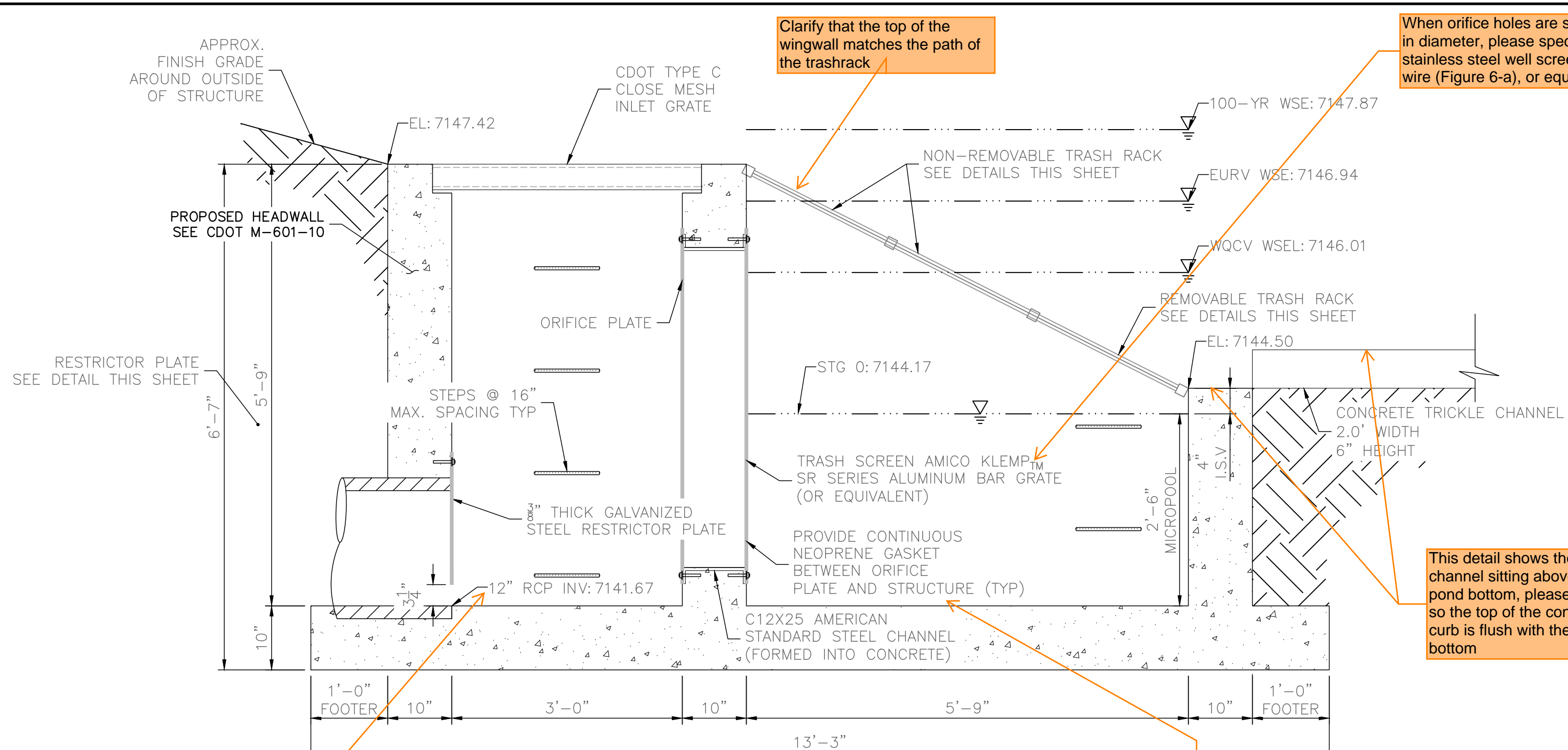
REV	DESCRIPTION	DATE

JOB NO: 25023 LOCATION: EPC  
ASCENT CHURCH  
STORM PNP

DESIGN: NQJ  
REVIEW: REB  
DATE: 04/17/2026  
H-SCALE: 1" = X'  
V-SCALE: 1" = X'  
SHEET  
6 OF 13







**POND OUTLET STRUCTURE PROFILE**  
SCALE: 3/4"=1'

**A A-A SECTION**  
SCALE: 3/4"=1'

**B B-B SECTION**  
SCALE: 3/4"=1'

Per DCMv1 Section 4.3 (UD Figure 6-a) and DCMv2 Section 11.3.1 (1st paragraph), outlet pipe should be 18" minimum.

Provide more detailed gasket info like thickness, width, brand/model, etc.  
Based on input gathered from industry experts, below is the recommended gasket spec:  
The gasket shall be made of 1/4-inch thick, 60 durometer EPDM rubber in a continuous sheet the size of the orifice plate. The sheet shall be placed between the orifice plate and the concrete wall, with the width of the overlap between the plate and the concrete. Openings shall be cut into the sheet corresponding to the plate bolt holes and the concrete wall opening, cuts made either by the contractor in the field or by the manufacturer. Or equivalent gasket approved by EPC. Note that caulk is not an approved equivalent and will not be accepted by EPC.

Dimension does not match "height above pipe invert" in design spreadsheet

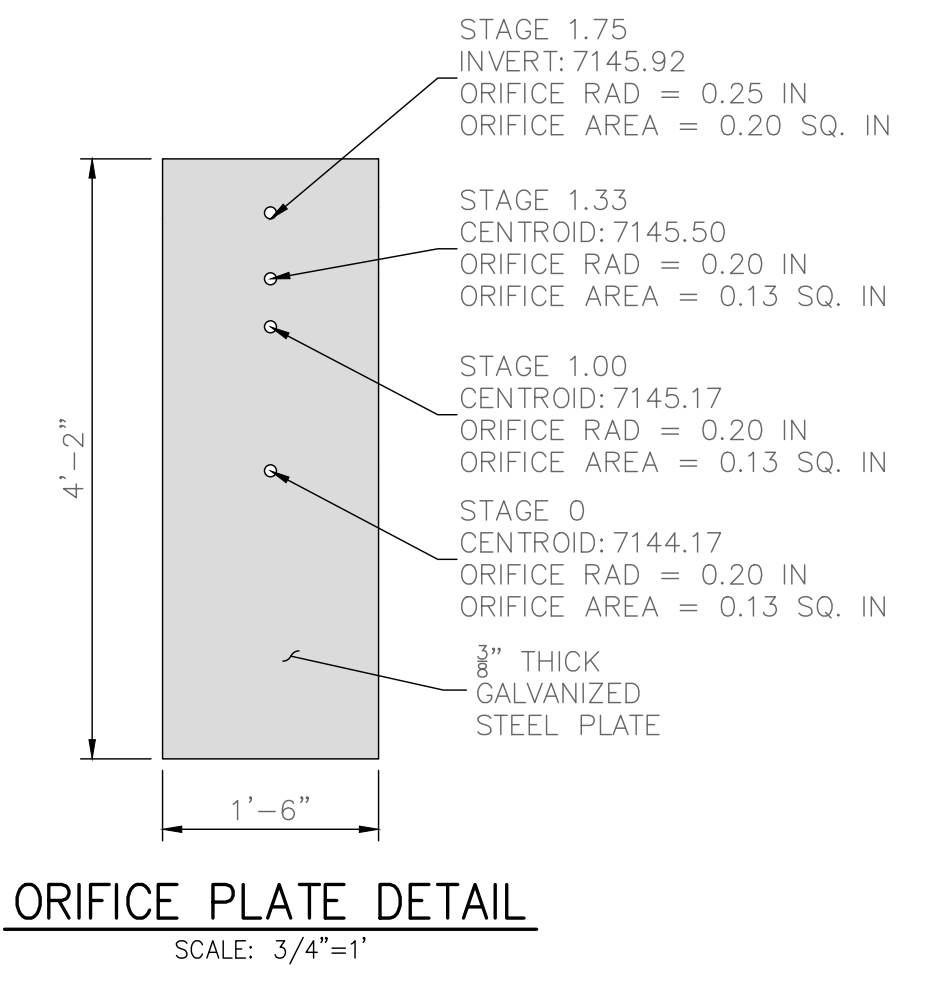
This detail shows the trickle channel sitting above the pond bottom, please revise so the top of the concrete curb is flush with the pond bottom

When orifice holes are smaller than 1.25" in diameter, please specify Johnson stainless steel well screen with #93 VEE wire (Figure 6-a), or equivalent

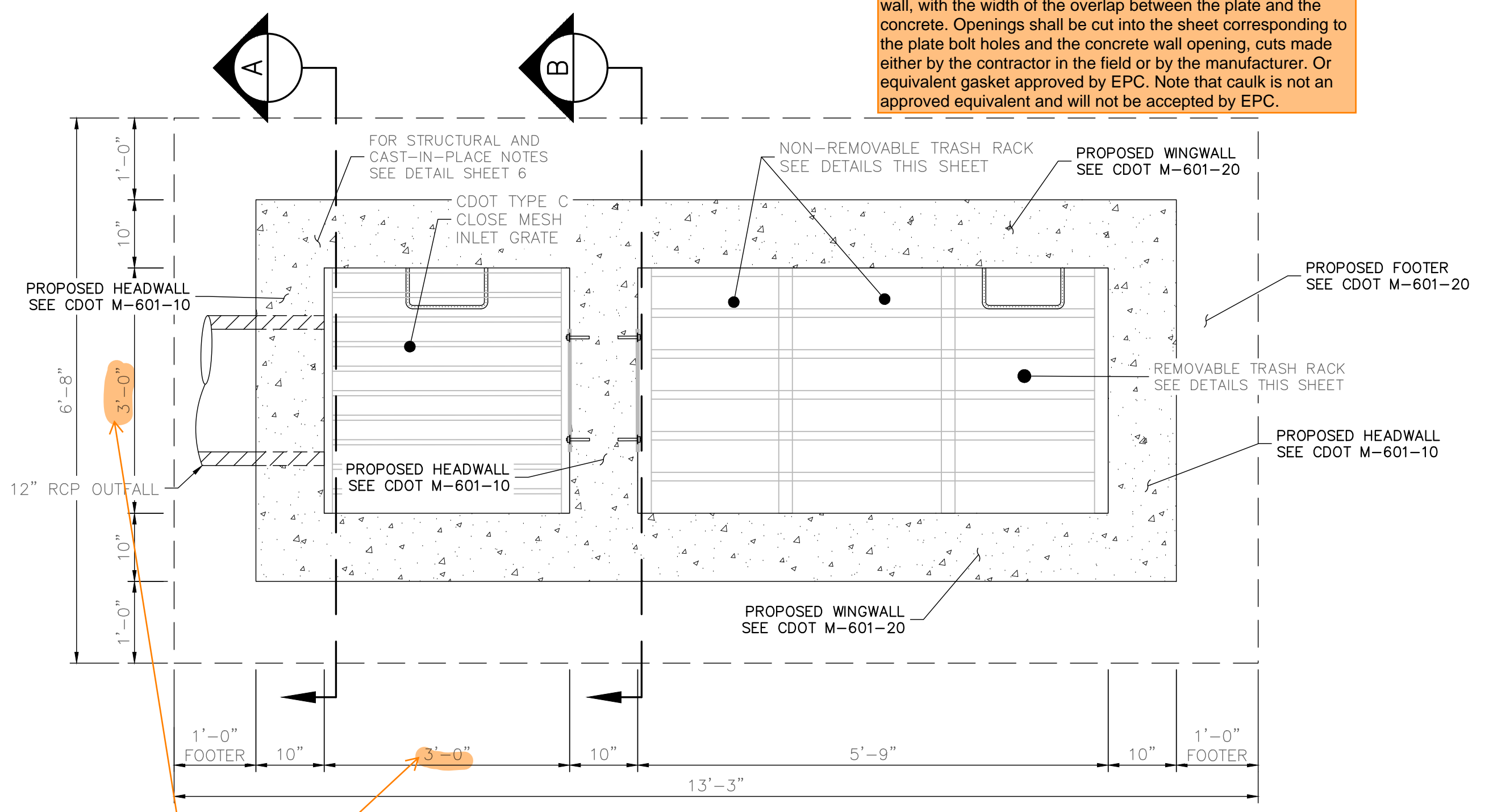
Clarify that the top of the wingwall matches the path of the trashrack

**CAST-IN-PLACE STRUCTURAL NOTES:**

1. ALL CONSTRUCTION JOINTS SHALL BE THOROUGHLY CLEANED BEFORE FRESH CONCRETE IS POURED.
2. ALL CONSTRUCTION JOINTS NOT SHOWN ON THE PLANS SHALL BE APPROVED BY THE ENGINEER.
3. THE CONTRACTOR IS RESPONSIBLE FOR THE STABILITY OF THE STRUCTURE DURING CONSTRUCTION.
4. DO NOT BACKFILL UNTIL CONCRETE HAS REACHED DESIGN STRENGTH, F<sub>c</sub>.
5. ALL EXPOSED CONCRETE CORNERS SHALL BE CHAMFERED 3/4".
6. CONTRACTOR SHALL SUBMIT STEEL REINFORCING SHOP DRAWINGS FOR ALL CAST-IN-PLACE STRUCTURES FOR ENGINEER'S APPROVAL PRIOR TO CONSTRUCTION. REINFORCING SHOWN IS FOR INFORMATION ONLY.
7. HEADWALLS FOR PIPES SHALL BE CONSTRUCTED PER CDOT M-601-10.
8. WINGWALLS SHALL BE CONSTRUCTED PER CDOT M-601-20.
9. SEE GENERAL STRUCTURE NOTES ON SHEET 4.



**ORIFICE PLATE DETAIL**  
SCALE: 3/4"=1'



**POND OUTLET STRUCTURE PLAN**  
SCALE: 3/4"=1'

Does not match design spreadsheet



PREPARED FOR:  
ASCENT CHURCH  
1750 DEER CREEK ROAD  
MONUMENT, CO 80132  
ATTN: JASON SCHOTT  
(720) 724-3435  
JSCHOTT@THEASCENTCHURCH.COM

UNTIL SUCH TIME AS THESE DRAWINGS ARE APPROVED BY THE APPROPRIATE REVIEWING AGENCIES, ALL TERRAIN ENGINEERING APPROVES THEIR USE ONLY FOR THE PURPOSES DESIGNATED BY WRITTEN AUTHORIZATION.

REV	DESCRIPTION	DATE

ASCENT CHURCH  
OUTLET DETAILS

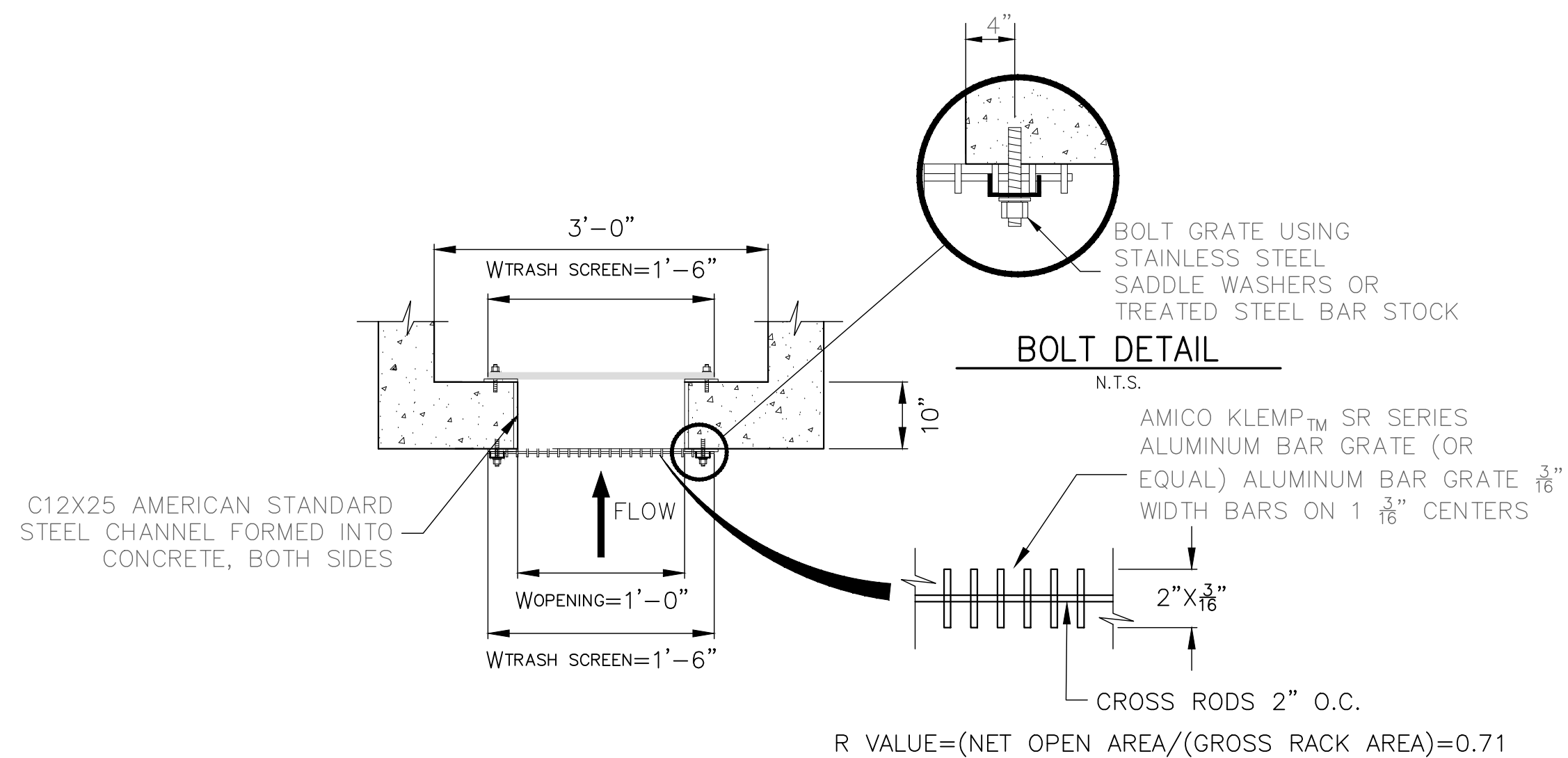
**ENGINEER'S STATEMENT**

THESE DETAILED PLANS AND SPECIFICATIONS WERE PREPARED UNDER MY DIRECT SUPERVISION. SAID PLANS AND SPECIFICATIONS HAVE BEEN PREPARED ACCORDING TO THE CRITERIA ESTABLISHED BY THE COUNTY FOR DETAILED ROADWAY, DRAINAGE, GRADING AND EROSION CONTROL PLANS AND SPECIFICATIONS, AND SAID PLANS AND SPECIFICATIONS ARE IN CONFORMITY WITH APPLICABLE MASTER DRAINAGE PLANS AND MASTER TRANSPORTATION PLANS. SAID PLAN AND SPECIFICATIONS MEET THE PURPOSES FOR WHICH THE PARTICULAR ROADWAY AND DRAINAGE FACILITIES ARE DESIGNED AND ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I ACCEPT RESPONSIBILITY FOR ANY LIABILITY CAUSED BY ANY NEGLIGENT ACTS, ERRORS OR OMISSIONS ON MY PART IN PREPARATION OF THESE DETAILED PLANS AND SPECIFICATIONS.

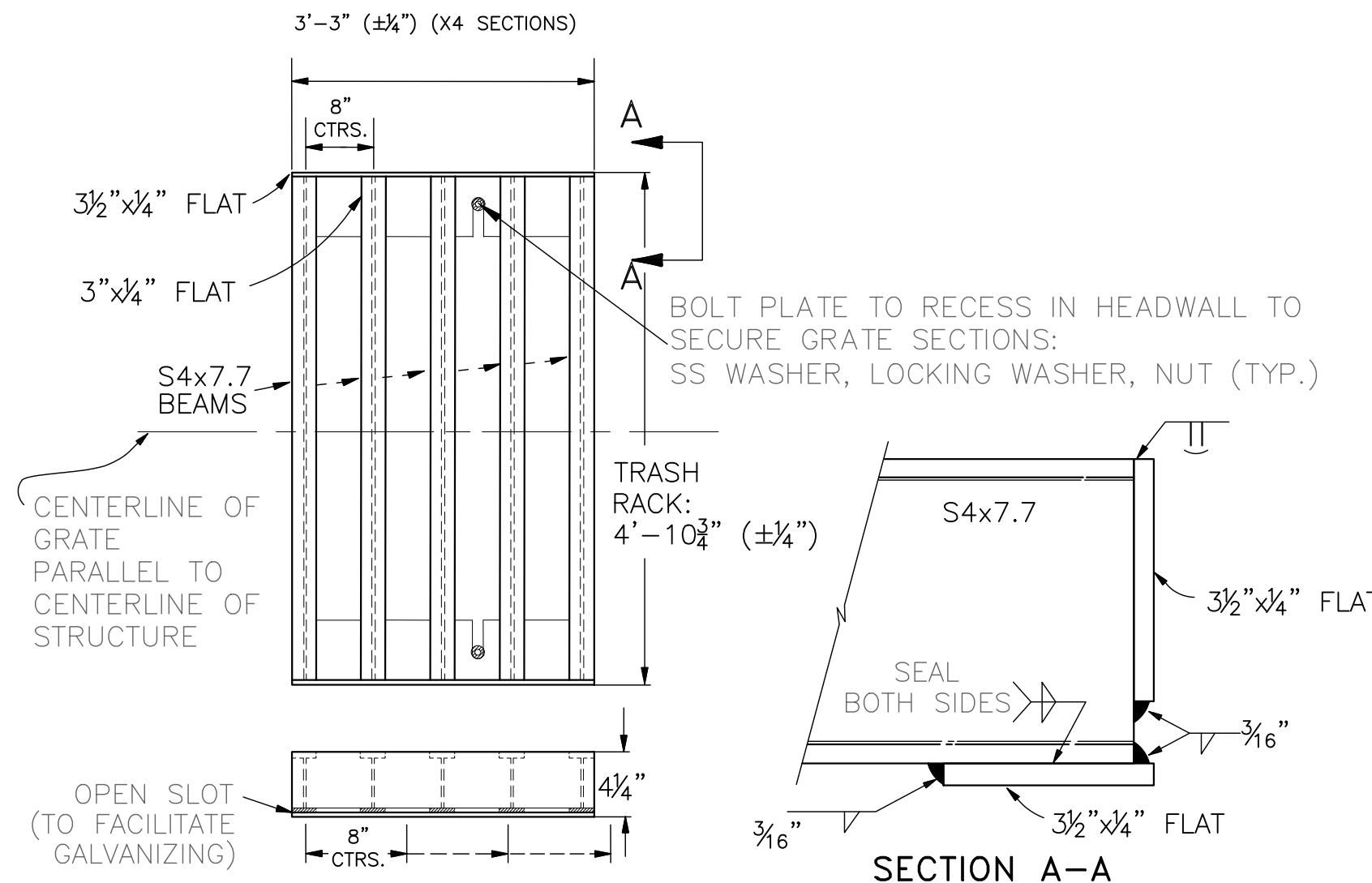
DESIGN: NQJ  
REVIEW: REB  
DATE: 04/17/2026  
H-SCALE: 3/4" = 1'  
V-SCALE: 3/4" = 1'

SHEET  
9 OF 13

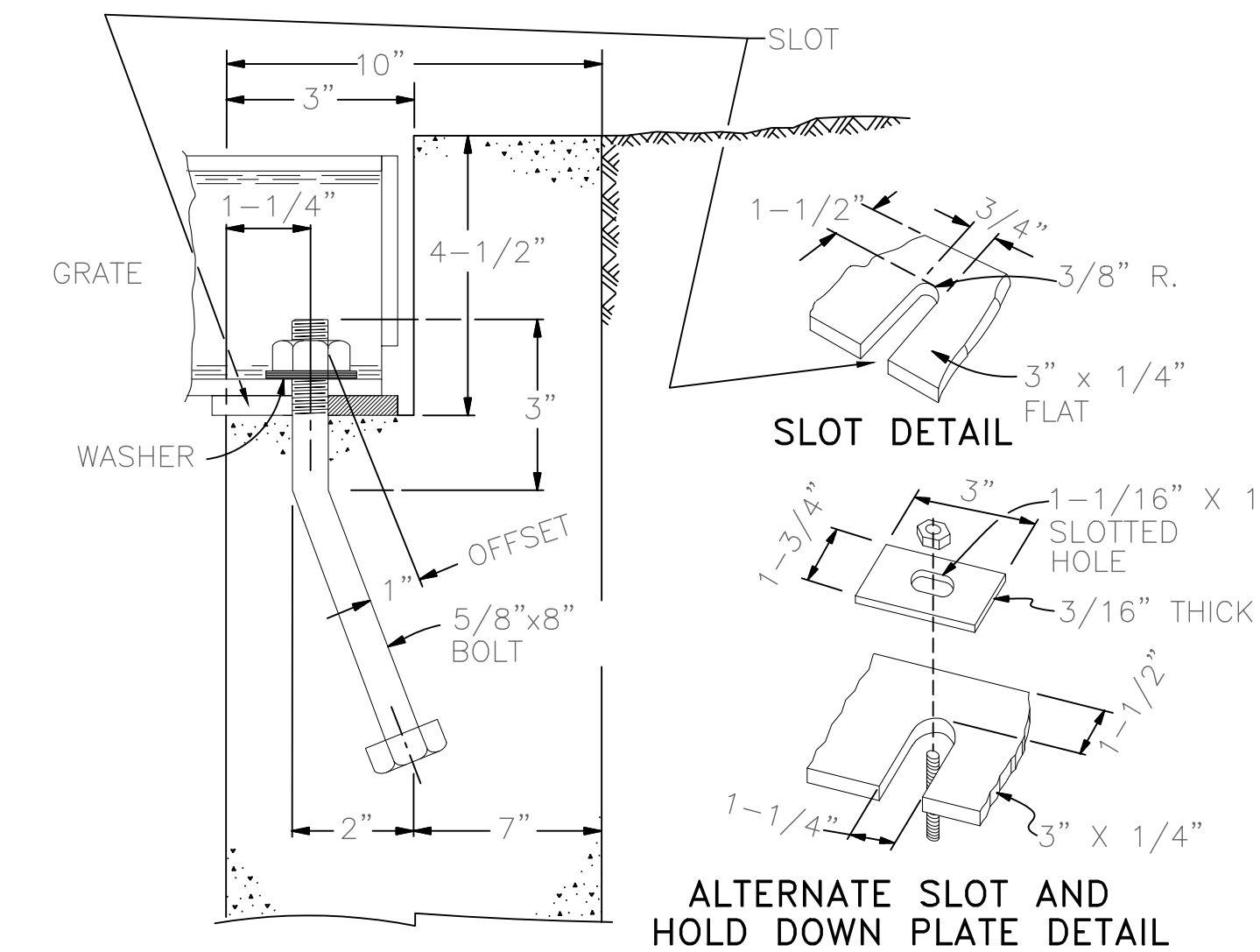
NICHOLAS Q. JOKERST, P.E. DATE  
COLORADO P.E. 59273  
FOR AND ON BEHALF OF ALL TERRAIN ENGINEERING LLC



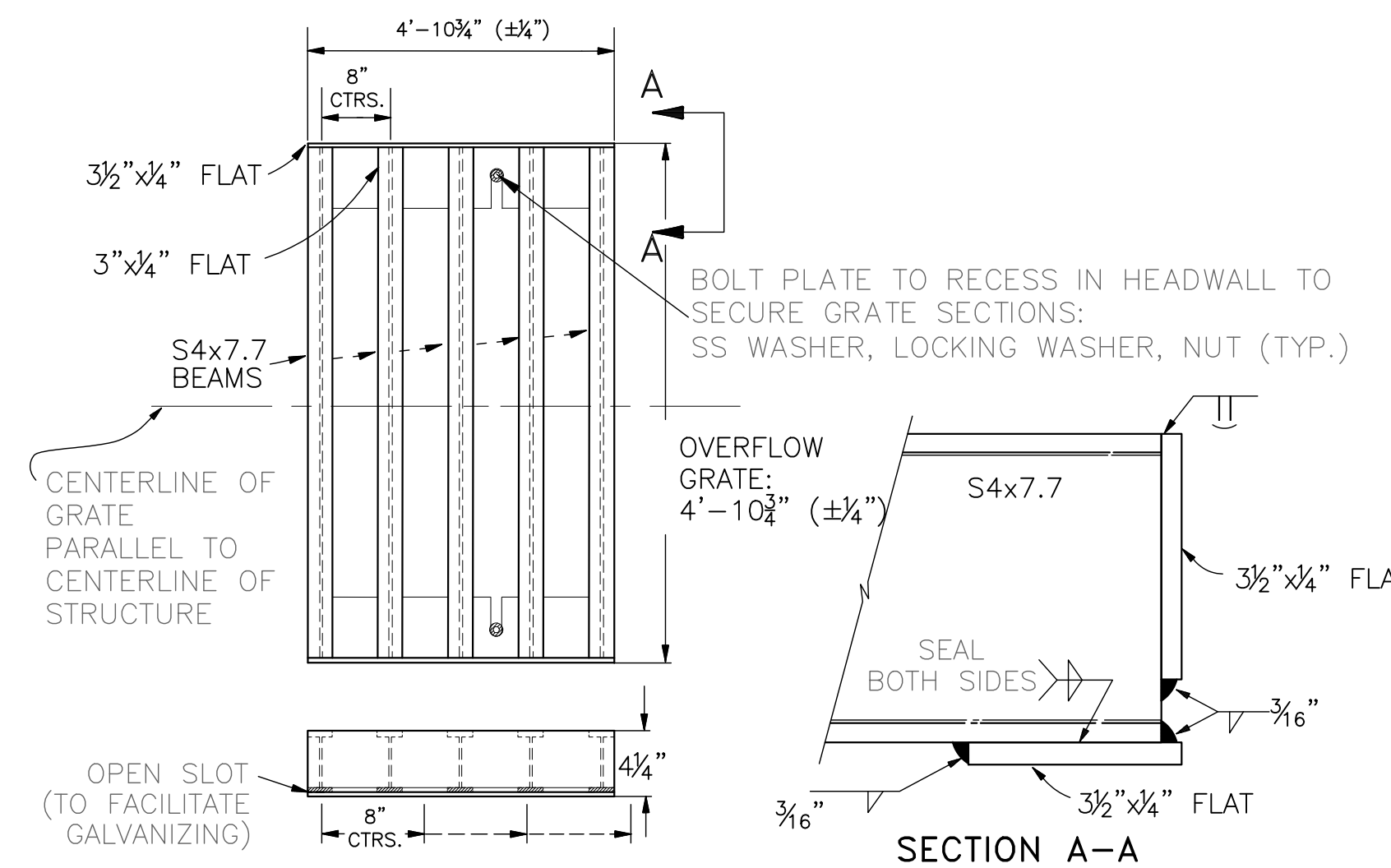
**TRASH SCREEN AND PLATE DETAIL (PLAN)**  
N.T.S.



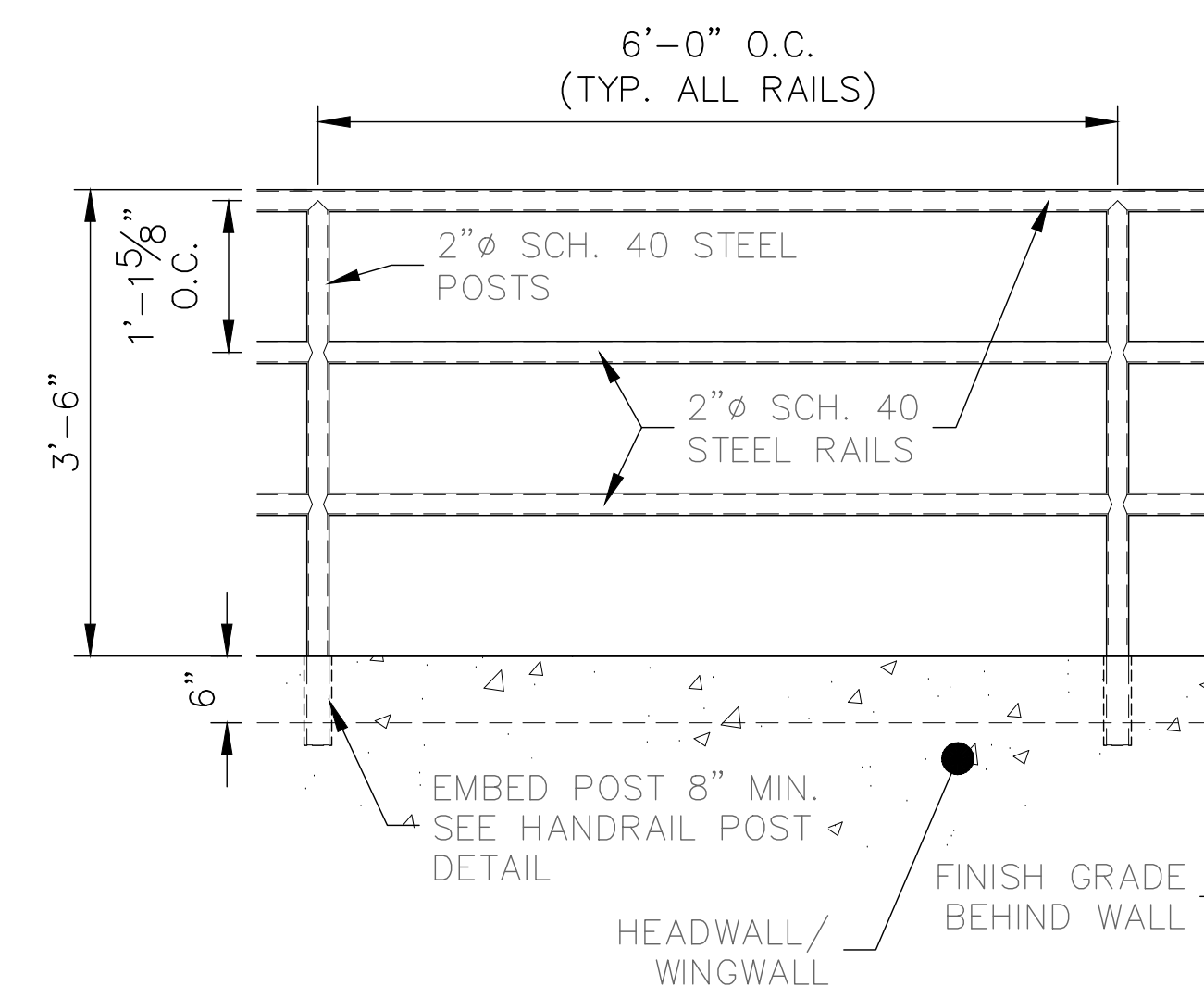
**TRASH RACK DETAILS**  
N.T.S.



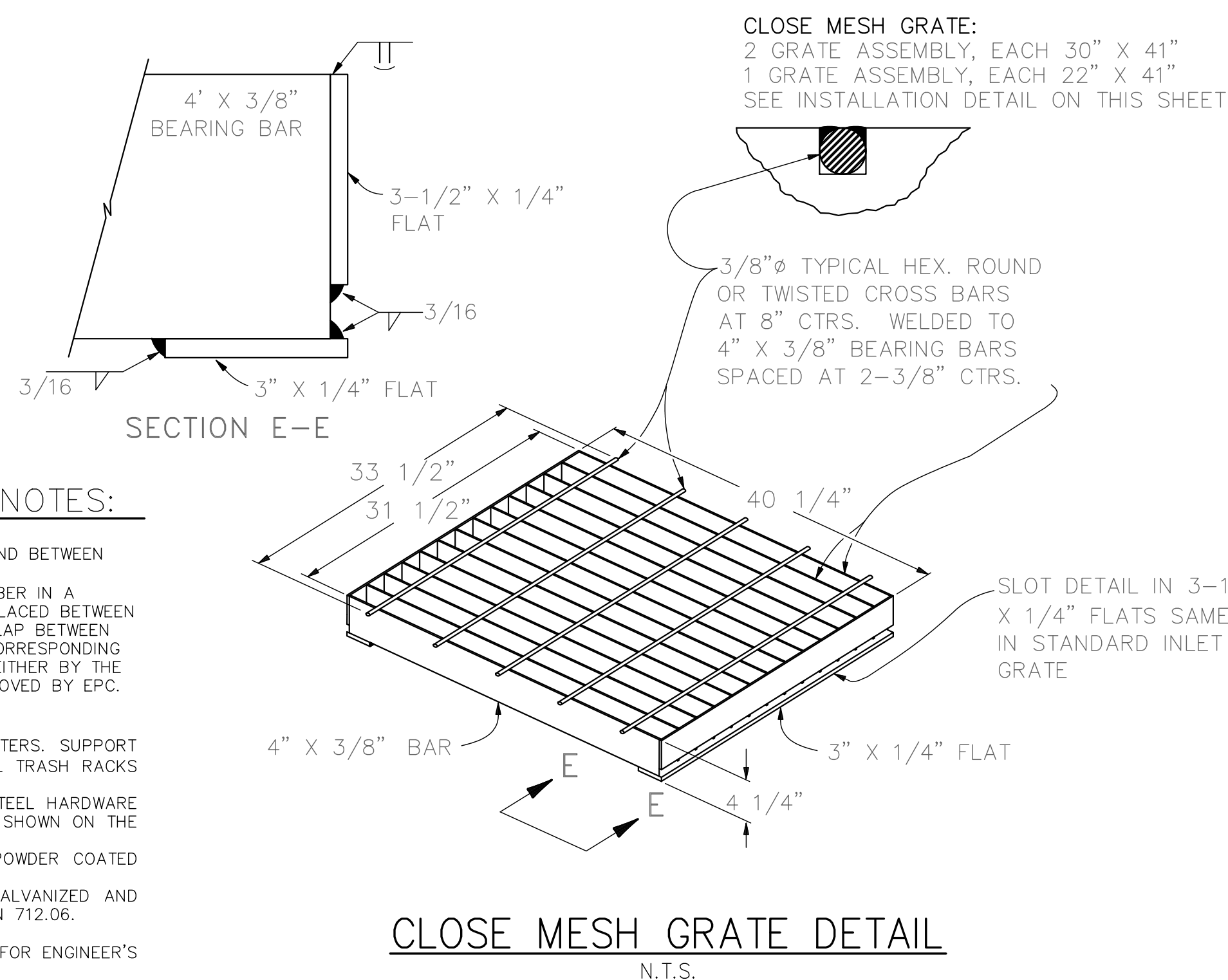
**OVERFLOW GRATE/TRASH RACK INSTALLATION DETAIL**  
N.T.S.



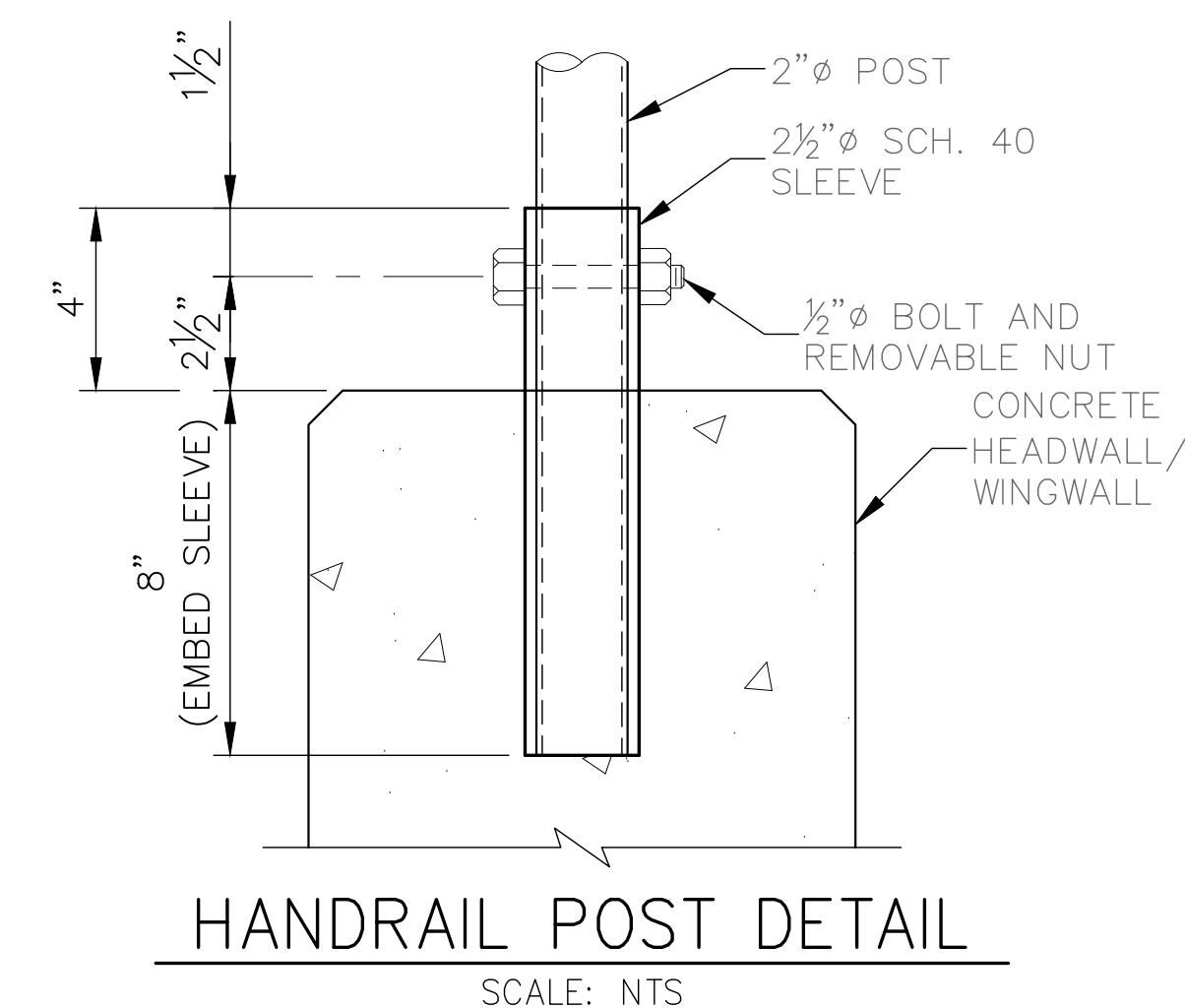
**OVERFLOW GRATE DETAILS**  
N.T.S.



**PEDESTRIAN RAILING DETAIL**  
SCALE: NTS



**CLOSE MESH GRATE DETAIL**  
N.T.S.



**HANDRAIL POST DETAIL**  
SCALE: NTS

**GENERAL STRUCTURE NOTES:**

ALL WORK SHALL BE DONE IN ACCORDANCE WITH CITY OR COUNTY STANDARD CONSTRUCTION SPECIFICATIONS. EXCEPT AS SHOWN IN THE PLANS, STRUCTURE EXCAVATION AND BACKFILL SHALL BE IN ACCORDANCE WITH CDOT M-206-1, AND M-206-2 EXPANSION JOINT MATERIAL SHALL MEET AASHTO SPECIFICATION M-213

THE INFORMATION SHOWN ON THESE PLANS CONCERNING THE TYPE AND LOCATION OF UNDERGROUND UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO THE TYPE AND LOCATION OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO. THE CONTRACTOR SHALL CONTACT THE UTILITY NOTIFICATION CENTER OF COLORADO A 1-800-922-1987 AT LEAST 2 DAYS (NOT INCLUDING THE DAY OF NOTIFICATION) PRIOR TO ANY EXCAVATION OF OTHER.

THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DESIGNING AND PROVIDING ALL BRACING AND SHORING AS REQUIRED FOR THE PROTECTION OF LIFE AND PROPERTY DURING CONSTRUCTION. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE EXCAVATION PROCEDURES INCLUDING ANY SHORING REQUIRED FOR THE PROTECTION OF LIFE AND PROPERTY DURING CONSTRUCTION.

THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL METHODS AND MEANS OF CONSTRUCTION AS WELL AS ALL JOB SITE SAFETY & HEALTH PRECAUTIONS.

ALL SOILS WORK INCLUDING (BUT NOT LIMITED TO) PIER DRILLING AND CONSTRUCTION, SOILS EXCAVATION, FILL PLACEMENT, AND STRUCTURE BACKFILL SHALL BE IN ACCORDANCE WITH THE PROJECT GEOTECHNICAL REPORT, UNLESS MORE STRINGENT REQUIREMENTS ARE PRINTED ON THE "IRRIGATION NOTES".

BACKFILL SHALL NOT BEGIN UNTIL CONCRETE WALLS REACH COMPRESSION STRENGTH AT LEAST 80 PERCENT OF THE REQUIRED 28 DAY STRENGTH, 0.8fc.

REINFORCED CONCRETE:  
CLASS D CONCRETE: fc=4,500 psi  
REINFORCING STEEL: fy=60,000 psi  
ALL CAST-IN-PLACE CONCRETE SHALL BE CLASS D UNLESS NOTED OTHERWISE.

REINFORCING BARS SHALL CONFORM TO ASTM A615, GRADE 60 U.N.O.  
REINFORCING BARS TO BE WELDED SHALL CONFORM TO ASTM A706, GRADE 60.  
ALL REINFORCING, EXCEPT PIER REINFORCING, SHALL BE EPOXY COATED AND SHALL CONFORM TO ASTM A775.  
ALL REINFORCING SHALL HAVE 2" CONCRETE COVER, U.N.O. ON PLANS, 3" AGAINST GROUND (BOTTOM SLAB)  
ALL REINFORCING SHALL BE HOOKED AROUND CORNERS AND LAPPED, SEE DETAILS.  
ALL LAP SPICE LOCATIONS SHALL BE SUBMITTED TO ENGINEER FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.

THE FOLLOWING TABLE GIVES THE MINIMUM CLASS B (STAGGERED) LAP SPICE LENGTH FOR EPOXY COATED REINFORCING BARS PLACE IN ACCORDANCE WITH SUBSECTION 602.06. THESE SPICE LENGTHS SHALL BE INCREASED BY 25% FOR BARS SPACED AT LESS THAN 6" ON CENTER, INCREASED BY 40% FOR HORIZONTAL BARS WITH MORE THAN 12" OF CONCRETE BELOW (TOP BARS), AND INCREASED BY 75% IF BOTH CONDITIONS EXIST. THE INCREASES ABOVE FOR #6 THRU #11 BARS MAY BE 25%, 13%, AND 42% RESPECTIVELY.

#4	1'-3"	#5	1'-7"
#6	2'-5"	#7	2'-10"
#8	3'-8"	#9	4'-8"
#10	5'-11"	#11	7'-3"

WHEN THE CONTRACTOR ELECTS TO SUBSTITUTE EPOXY COATED REINFORCEMENT FOR BLACK REINFORCING BARS. THE MINIMUM LAP SPICE SHALL BE AS DESCRIBED ABOVE.

STATIONS, ELEVATIONS, AND DIMENSIONS CONTAINED IN THESE PLANS ARE CALCULATED FROM A RECENT FIELD SURVEY. THE CONTRACTOR SHALL VERIFY ALL DEPENDENT DIMENSIONS IN THE FIELD BEFORE ORDERING OR FABRICATING ANY MATERIAL.

THE CONTRACTOR SHALL SUBMIT REINFORCING STEEL PLACING DRAWINGS (PRIOR TO CONSTRUCTION) TO THE ENGINEER FOR REVIEW FOR CONFORMANCE WITH THE DESIGN DRAWINGS. THE DESIGN DRAWINGS SHALL GOVERN OVER PLACING DRAWINGS IN ALL CASES UNLESS MODIFICATIONS ARE APPROVED IN WRITING BY ENGINEER.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE STABILITY OF THE STRUCTURE DURING CONSTRUCTION.

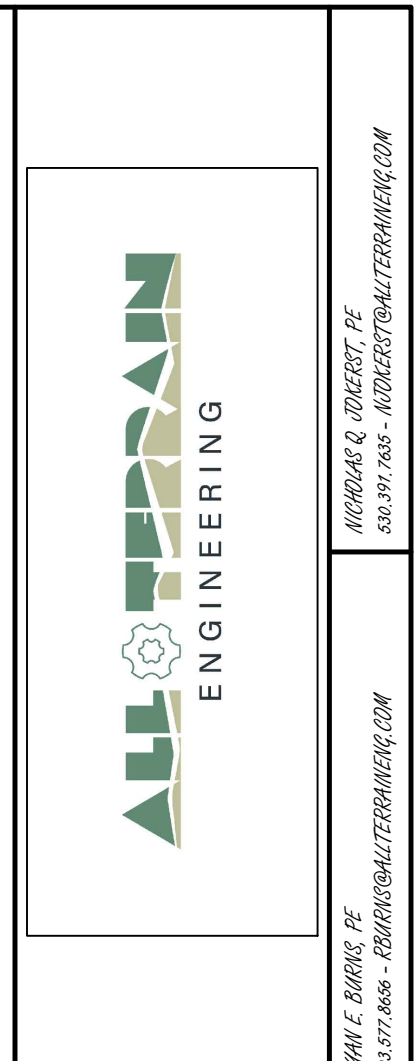
E.F. = EACH FACE  
F.E. = FAR FACE  
N.F. = NEAR FACE  
I.F. = INSIDE FACE  
T.W. = TWO WAY  
E.S. = EACH SIDE  
O.F. = OUTSIDE FACE  
T.&B. = TOP AND BOTTOM  
T.F. = TOP FACE  
B.F. = BOTTOM FACE  
T.F. = TWO FACES  
Lp = LAP LENGTH

**CAST-IN-PLACE STRUCTURAL NOTES:**

- ALL CONSTRUCTION JOINTS SHALL BE THOROUGHLY CLEANED BEFORE FRESH CONCRETE IS POURED.
- ALL CONSTRUCTION JOINTS NOT SHOWN ON THE PLANS SHALL BE APPROVED BY THE ENGINEER.
- THE CONTRACTOR IS RESPONSIBLE FOR THE STABILITY OF THE STRUCTURE DURING CONSTRUCTION.
- DO NOT BACKFILL UNTIL CONCRETE HAS REACHED DESIGN STRENGTH, F<sub>c</sub>.
- ALL EXPOSED CONCRETE CORNERS SHALL BE CHAMFERED 3/4".
- CONTRACTOR SHALL SUBMIT STEEL REINFORCING SHOP DRAWINGS FOR ALL CAST-IN-PLACE STRUCTURES FOR ENGINEER'S APPROVAL PRIOR TO CONSTRUCTION. REINFORCING SHOWN IS FOR INFORMATION ONLY.
- HEADWALLS FOR PIPES SHALL BE CONSTRUCTED PER CDOT M-601-10.
- WINGWALLS SHALL BE CONSTRUCTED PER CDOT M-601-20.

**OUTLET STRUCTURE PLATE AND GRADING NOTES:**

- ORIFICE PLATE:**
- PROVIDE CONTINUOUS GASKET BETWEEN THE ORIFICE PLATE AND CONCRETE AND BETWEEN THE RESTRICTOR PLATE AND CONCRETE.
  - THE GASKET SHALL BE MADE OF 1/4-INCH THICK, 60 DUROMETER EPDM RUBBER IN A CONTINUOUS SHEET THE SIZE OF THE ORIFICE PLATE. THE SHEET SHALL BE PLACED BETWEEN THE ORIFICE PLATE AND THE CONCRETE WALL, WITH THE WIDTH OF THE OVERLAP BETWEEN THE PLATE AND THE CONCRETE. OPENINGS SHALL BE CUT INTO THE SHEET CORRESPONDING TO THE PLATE BOLT HOLES AND THE CONCRETE WALL OPENING. CUTS MADE EITHER BY THE CONTRACTOR IN THE FIELD OR BY THE MANUFACTURER, OR EQUIVALENT APPROVED BY EPC.
  - BOLT PLATE TO CONCRETE 12" MAX. ON CENTER.
- TRASH RACKS:**
- TRASH RACKS SHALL BE 1/4" SCH.40 STEEL PIPE, GALVANIZED, @ 6" CENTERS. SUPPORT BARS SHALL BE 1/2"x2" STEEL RECTANGULAR BARS, GALVANIZED, @ 36". ALL TRASH RACKS SHALL BE MOUNTED USING STAINLESS STEEL HARDWARE.
  - REMOVABLE TRASH RACK SECTIONS SHALL BE MOUNTED USING STAINLESS STEEL HARDWARE AND PROVIDED WITH HINGED & LOCKABLE OR BOLTABLE ACCESS PANELS AS SHOWN ON THE PLANS.
  - STEEL TRASH RACKS SHALL BE HOT DIP GALVANIZED AND MAY BE HOT POWDER COATED AFTER GALVANIZING.
  - STRUCTURAL STEEL FOR GRATES, ORIFICE PLATES, AND BARS SHALL BE GALVANIZED AND SHALL BE IN ACCORDANCE WITH CDOT STANDARD SPECIFICATIONS, SUBSECTION 712.06.
  - ALL HARDWARE, BOLTS, AND FASTENERS SHALL BE STAINLESS STEEL.
  - CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL PLATES AND GRATING FOR ENGINEER'S APPROVAL PRIOR TO CONSTRUCTION.



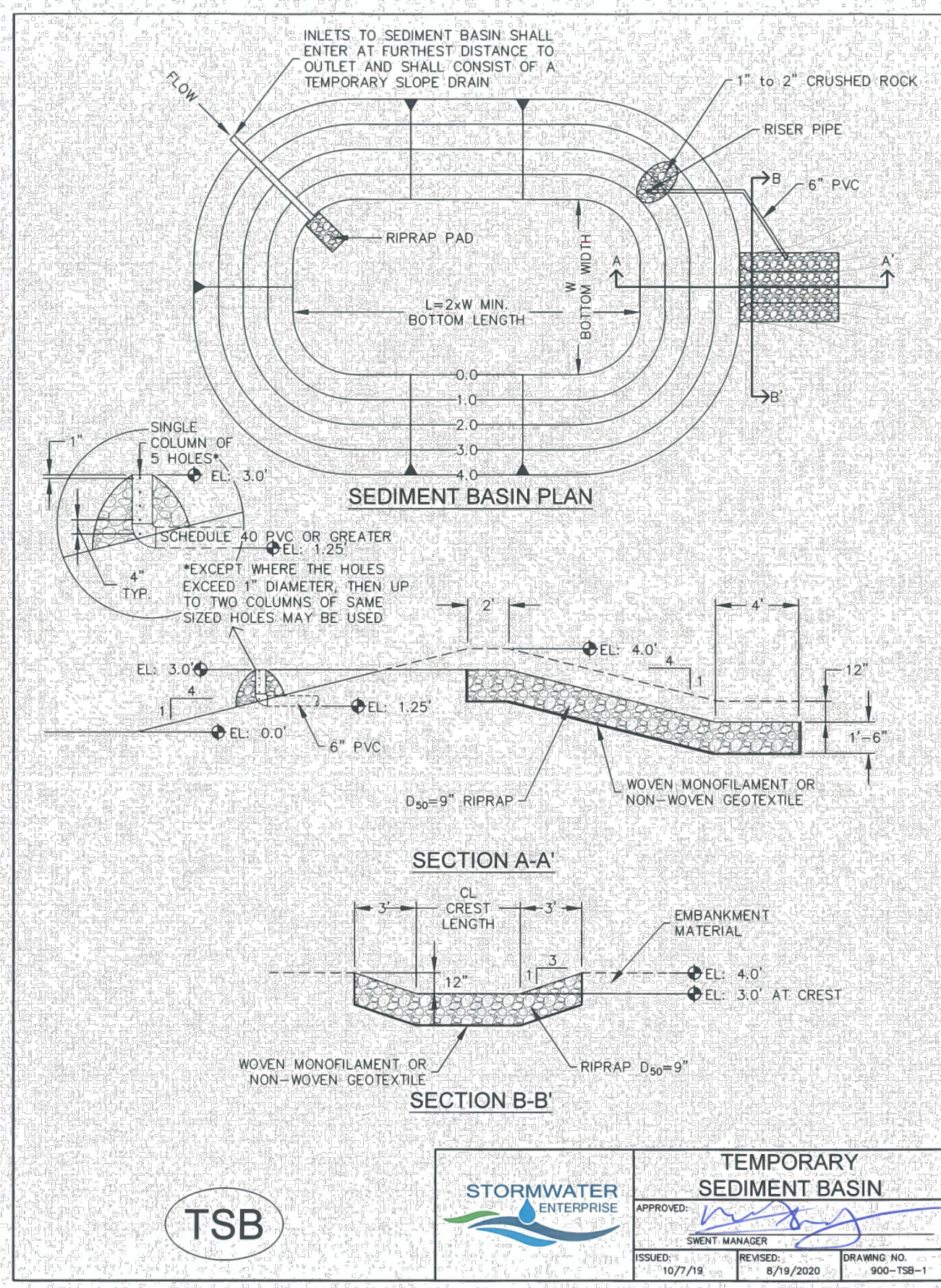
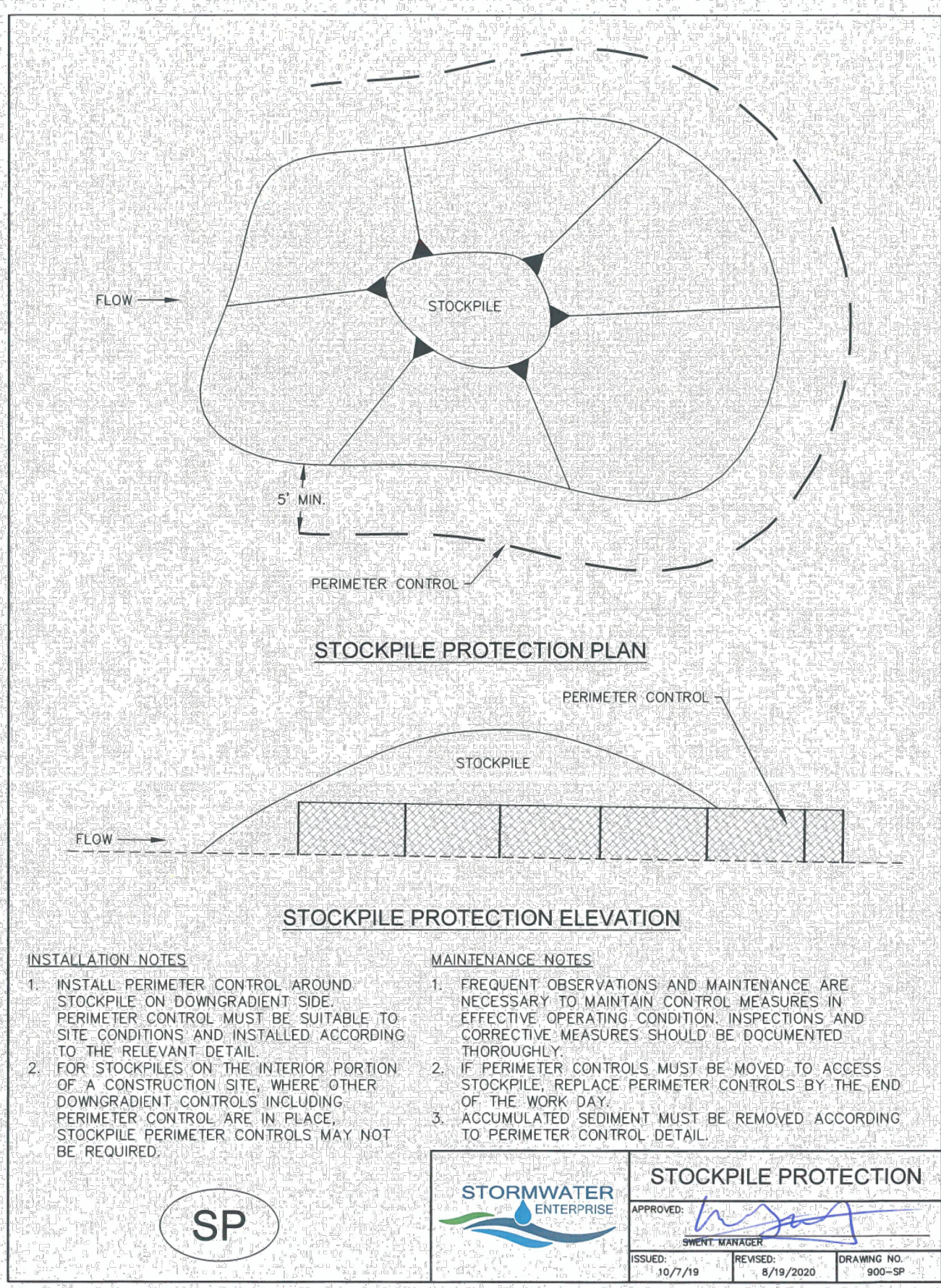
PREPARED FOR:  
ASCENT CHURCH  
1750 DEER CREEK ROAD  
MONUMENT, CO 80132  
ATTN: JASON SCHOTT  
(720) 724-3435  
JSCHOTT@THEASCENTCHURCH.COM

UNTIL SUCH TIME AS THESE DRAWINGS ARE APPROVED BY THE APPROPRIATE REVIEWING AGENCIES, ALL TERRAIN ENGINEERING APPROVES THEIR USE ONLY FOR THE PURPOSES DESIGNATED BY WRITTEN AUTHORIZATION.

DATE	DESCRIPTION

DESIGN: NQJ  
REVIEW: REB  
DATE: 04/17/2026  
H-SCALE: NTS  
V-SCALE: NTS  
SHEET



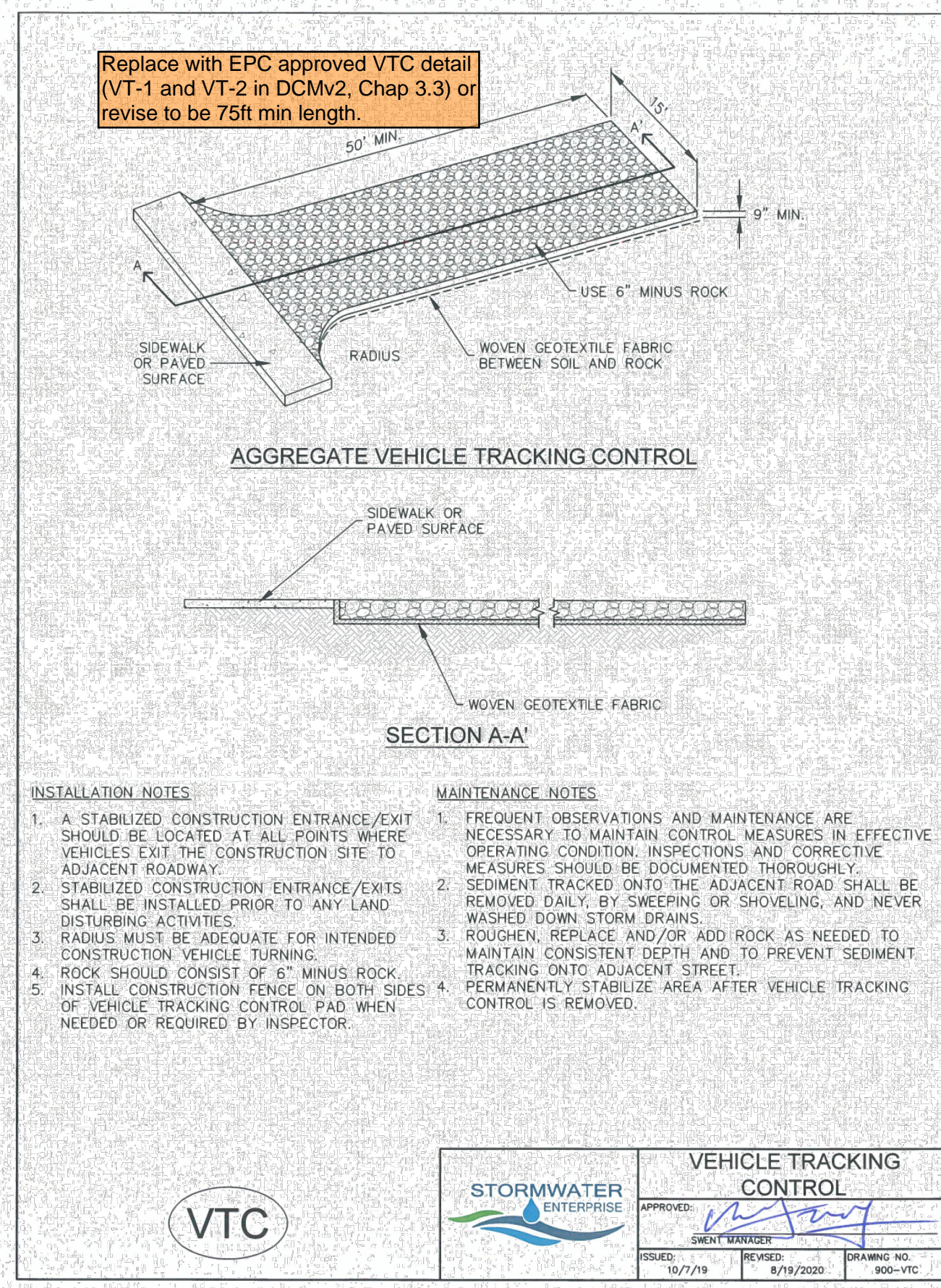


**TABLE SB-1, SIZING INFORMATION FOR STANDARD SEDIMENT BASIN**

UPSTREAM DRAINAGE AREA (ROUNDED TO NEAREST ACRE), (AC)	BASIN BOTTOM WIDTH (W), (FT)	SPILLWAY CREST LENGTH (CL), (FT)	HOLE DIAMETER (HD), (IN)
1	125'	2	3/4"
2	21	3	1 1/4"
3	28	5	1 3/4"
4	33 1/2	6	1 3/4"
5	38 1/2	8	1 3/4"
6	43	9	1 3/4"
7	47 1/2	11	1 3/4"
8	51	12	1 3/4"
9	55	13	1 3/4"
10	58 1/2	15	1 3/4"
11	61	16	1 3/4"
12	64	18	1 3/4"
13	67 1/2	19	1 3/4"
14	70 1/2	21	1 3/4"
15	73 1/2	22	1 3/4"

APPROVED: [Signature]

ISSUED: 10/7/19 REVISED: 6/19/2020 DRAWING NO: 900-TSB-2



**GENERAL NOTES**

- CONCRETE SHALL BE CLASS B.
- HEADWALL SHALL BE PERPENDICULAR TO THE PIPE UNLESS OTHERWISE SHOWN IN THE PLANS. TABULATED DIMENSIONS AND QUANTITIES MUST BE ADAPTED FOR SKEWED INSTALLATIONS.
- FOR WINDOW WALL DETAILS, SEE STANDARD PLAN M-601-20.
- VOLUME OCCUPIED BY PIPE HAS BEEN DEDUCTED FROM STEEL AND CONCRETE QUANTITIES.
- EXPOSED CONCRETE CORNERS SHALL BE CHAMFERED 1/4 IN.
- ALL REINFORCING BARS SHALL HAVE A 2 IN. MINIMUM CLEARANCE.
- WHEN TWO OR MORE PIPES ARE LAD SIDE BY SIDE, THEY SHALL BE PLACED SO THAT THE ADJACENT PIPES WILL BE 1/2 INSIDE DIAMETER APART, OR 1/2 INSIDE SPAN APART, OR 3 FT. APART (INCLUDING WALL THICKNESS), WHICHEVER IS LESS.
- ADD 0.89 x D (OR X) (L.B.) WHEN APRON IS REQUIRED.

**HEADWALL FOR SINGLE PIPE**

**HEADWALL FOR DOUBLE PIPE**

**HEADWALL FOR RIGID ROUND PIPE**

**HEADWALL FOR FLEXIBLE PIPE ARCH**

**HEADWALL FOR FLEXIBLE ROUND PIPE**

**HEADWALL FOR STRUCTURAL PLATE ARCH**

**SKREW FACTOR TABLE**

SKREW ANGLE A°	90	85	80	75	70	65	60	55	50	45	40	35	30
FACTOR Concrete	1.000	1.004	1.015	1.035	1.064	1.103	1.155	1.221	1.305	1.414	1.556	1.743	2.000

APPROVED: [Signature]

ISSUED: 10/7/19 REVISED: 6/19/2020 DRAWING NO: 900-HW

**GENERAL NOTES**

- FIBR SIZE AND LOCATION OF PIPES, SEE THE PLANS.
- ALL FOOTINGS SHALL BE CLASS B.
- FOOTINGS IN ROCK SHALL BE POURED OUT TO ROCK AND NOT FORMED IN ACCORDANCE WITH SUBSECTION B0308(B).
- EXPOSED CONCRETE CORNERS SHALL BE CHAMFERED 1/4 IN.
- HEADWALL SHALL HAVE REINFORCING STEEL INSTALLED IN A PATTERN UNLESS TO STANDARD PLAN M-601-10.
- THE COST OF REINFORCING STEEL SHALL BE INCLUDED IN THE WORK UNLESS THE STEEL QUANTITIES ARE LISTED IN THE PLANS AND ARE PAID FOR SEPARATELY.

**CONCRETE HEADWALL INSTALLATIONS**

SEE STANDARD PLAN M-601-10 FOR REINFORCING DETAILS.

**CONCRETE QUANTITIES FOR ONE CONCRETE HEADWALL (CUBIC YARDS)**

PIPE	PIPE DIAMETER (AND EQUIVALENT DIAMETER) (IN.)												
	18		24		30		36		42		48		
TYPE	MATERIAL	SINGLE	DOUBLE	SINGLE	DOUBLE	SINGLE	DOUBLE	SINGLE	DOUBLE	SINGLE	DOUBLE	SINGLE	DOUBLE
CIRCULAR	RIGID	1.0	1.3	1.5	2.0	2.0	2.7	2.8	3.6	3.6	4.6	4.6	6.0
	FLEXIBLE	1.1	1.4	1.6	2.1	2.2	3.0	3.0	4.0	3.9	5.3	5.0	6.8
ELLIPTICAL	RIGID	23 x 14		30 x 19		38 x 24		45 x 29		53 x 34		60 x 38	
	FLEXIBLE	0.9	1.2	1.3	1.6	1.7	2.2	2.3	2.9	2.9	3.7	3.5	4.4
ARCH	METAL	22 x 13		29 x 18		36 x 22		43 x 27		50 x 31		58 x 36	
	RIPRAP	0.8	1.3	1.4	1.9	1.8	2.4	2.4	3.4	3.2	4.4	3.4	5.0

**PIPE OUTLET PAVING (CUBIC YARDS)**

NOTE: VOLUME OCCUPIED BY PIPE HAS BEEN DEDUCTED.

THICKNESS	MATERIAL	18	24	30	36	42	48
4"	CONCRETE	0.4	0.8	1.2	1.6	2.6	3.6
6"	CONCRETE	0.4	0.8	1.2	1.6	2.6	3.6
18"	RIPRAP	2.0	3.5	5.4	7.8	10.7	13.9

APPROVED: [Signature]

ISSUED: 10/7/19 REVISED: 6/19/2020 DRAWING NO: 900-PO

**Computer File Information**

Creation Date: 07/31/19  
 Designer: JJK  
 Last Modification Date: 07/31/19  
 Detailer: LTA  
 CAD: Veri-MicroStation V8 Scale: Not to Scale Units: English

**Sheet Revisions**

Date	Comments

**Colorado Department of Transportation**

2829 West Howard Place  
 PROJECT HQ, 3rd Floor  
 Denver, CO 80204  
 Phone: 303-757-6021 FAX: 303-757-9868

**HEADWALLS AND PIPE OUTLET PAVING**

**STANDARD PLAN NO. M-601-10**

Standard Sheet No. 1 of 1

Issued by the Project Development Branch July 31, 2019

Project Sheet Number:

**Computer File Information**

Creation Date: 07/31/19  
 Designer: JJK  
 Last Modification Date: 07/31/19  
 Detailer: LTA  
 CAD: Veri-MicroStation V8 Scale: Not to Scale Units: English

**Sheet Revisions**

Date	Comments

**Colorado Department of Transportation**

2829 West Howard Place  
 PROJECT HQ, 3rd Floor  
 Denver, CO 80204  
 Phone: 303-757-6021 FAX: 303-757-9868

**HEADWALLS AND PIPE OUTLET PAVING**

**STANDARD PLAN NO. M-601-12**

Standard Sheet No. 1 of 1

Issued by the Project Development Branch July 31, 2019

Project Sheet Number:

**ASCENT CHURCH**

1750 DEER CREEK ROAD  
 MONUMENT, CO 80132  
 ATTN: JASON SCHOTT  
 (720) 724-3435  
 JSCHOTT@THEASCENTCHURCH.COM

**ENGINEER'S STATEMENT**

STANDARD DETAILS SHOWN WERE REVIEWED ONLY AS TO THEIR APPLICATION ON THIS PROJECT

DESIGN: NJQ  
 REVIEW: REB  
 DATE: 04/17/2026

H-SCALE: 1" = X'  
 V-SCALE: 1" = X'

SHEET 12 OF 13

**ASCENT CHURCH**

DETAILS (2)

UNTIL SUCH TIME AS THESE DRAWINGS ARE APPROVED BY THE APPROPRIATE REVIEWING AGENCIES, ALL TERRAIN ENGINEERING APPROVES THEIR USE ONLY FOR THE PURPOSES DESIGNATED BY WRITTEN AUTHORIZATION.

PREPARED FOR:

ASCENT CHURCH  
 1750 DEER CREEK ROAD  
 MONUMENT, CO 80132  
 ATTN: JASON SCHOTT  
 (720) 724-3435  
 JSCHOTT@THEASCENTCHURCH.COM

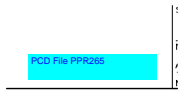
APPROVED: [Signature]

ISSUED: 10/7/19 REVISED: 6/19/2020 DRAWING NO: 900-SP



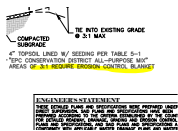
# V2\_Grading & Erosion Control Plan.pdf Markup Summary

eschoenheit (16)

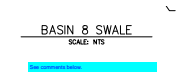


**Subject:** Text Box  
**Page Label:** [1] 1 Cover Sheet  
**Author:** eschoenheit  
**Date:** 5/14/2026 1:09:39 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

PCD File PPR265

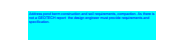


**Subject:** Highlight  
**Page Label:** [3] 3 Typical Sections  
**Author:** eschoenheit  
**Date:** 5/14/2026 2:45:51 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**



**Subject:** Text Box  
**Page Label:** [3] 3 Typical Sections  
**Author:** eschoenheit  
**Date:** 5/14/2026 2:46:08 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

See comments below.



**Subject:** Text Box  
**Page Label:** [3] 3 Typical Sections  
**Author:** eschoenheit  
**Date:** 5/14/2026 4:19:59 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

Address pond berm construction and soil requirements, compaction. As there is not a GEOTECH report the design engineer must provide requirements and specification.



**Subject:** Cloud+  
**Page Label:** [5] 5 GEC Final  
**Author:** eschoenheit  
**Date:** 5/14/2026 7:51:24 AM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

15ft min



**Subject:** Highlight  
**Page Label:** [5] 5 GEC Final  
**Author:** eschoenheit  
**Date:** 5/14/2026 1:10:33 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**



**Subject:** Callout  
**Page Label:** [5] 5 GEC Final  
**Author:** eschoenheit  
**Date:** 5/14/2026 2:27:06 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

ERB or TRM  
 Design profile calls out TRM.



**Subject:** Image  
**Page Label:** [5] 5 GEC Final  
**Author:** eschoenheit  
**Date:** 5/14/2026 2:34:25 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**



**Subject:** Text Box  
**Page Label:** [5] 5 GEC Final  
**Author:** eschoenheit  
**Date:** 5/14/2026 2:34:23 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

DCM Chpt 10.2 Table 10.4



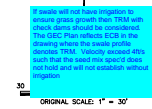
**Subject:** Highlight  
**Page Label:** [5] 5 GEC Final  
**Author:** eschoenheit  
**Date:** 5/14/2026 2:34:36 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**



**Subject:** Highlight  
**Page Label:** [5] 5 GEC Final  
**Author:** eschoenheit  
**Date:** 5/14/2026 2:34:39 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

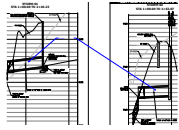


**Subject:** Highlight  
**Page Label:** [5] 5 GEC Final  
**Author:** eschoenheit  
**Date:** 5/14/2026 2:37:14 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**



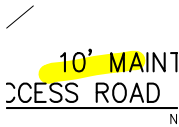
**Subject:** Text Box  
**Page Label:** [5] 5 GEC Final  
**Author:** eschoenheit  
**Date:** 5/14/2026 2:48:21 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

If swale will not have irrigation to ensure grass growth then TRM with check dams should be considered. The GEC Plan reflects ECB in the drawing where the swale profile denotes TRM. Velocity exceed 4ft/s such that the seed mix spec'd does not hold and will not establish without irrigation



**Subject:** Callout  
**Page Label:** [6] 6 Storm PNP  
**Author:** eschoenheit  
**Date:** 5/14/2026 1:43:13 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

add HGL



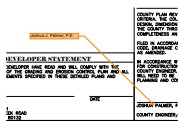
**Subject:** Highlight  
**Page Label:** [7] 7 Pond Grading  
**Author:** eschoenheit  
**Date:** 5/14/2026 1:11:31 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**



**Subject:** Text Box  
**Page Label:** [7] 7 Pond Grading  
**Author:** eschoenheit  
**Date:** 5/14/2026 1:12:11 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

Road width min is 15ft DCM 6.5.3

## EPC Stormwater- Zachary (28)



**Subject:** SW - Textbox with Arrow  
**Page Label:** [1] 1 Cover Sheet  
**Author:** EPC Stormwater- Zachary  
**Date:** 5/14/2026 1:32:35 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

Joshua J. Palmer, P.E.

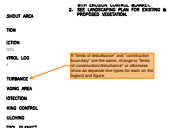


**Subject:** SW - Textbox  
**Page Label:** [1] 1 Cover Sheet  
**Author:** EPC Stormwater- Zachary  
**Date:** 5/14/2026 1:36:30 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

Revise to current standard notes for grading and erosion control

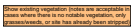


**Subject:** File Attachment  
**Page Label:** [1] 1 Cover Sheet  
**Author:** EPC Stormwater- Zachary  
**Date:** 5/14/2026 1:36:32 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**



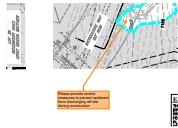
**Subject:** SW - Textbox with Arrow  
**Page Label:** [4] 4 GEC Initial-Interim  
**Author:** EPC Stormwater- Zachary  
**Date:** 5/14/2026 1:41:34 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

If "limits of disturbance" and "construction boundary" are the same, change to "limits of construction/disturbance" or otherwise show as separate line types for each on the legend and figure.



**Subject:** SW - Textbox  
**Page Label:** [4] 4 GEC Initial-Interim  
**Author:** EPC Stormwater- Zachary  
**Date:** 5/14/2026 1:42:10 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

Show existing vegetation (notes are acceptable in cases where there is no notable vegetation, only grasses/weeds, or site has already been stripped)



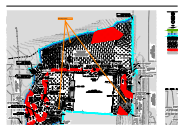
**Subject:** SW - Textbox with Arrow  
**Page Label:** [4] 4 GEC Initial-Interim  
**Author:** EPC Stormwater- Zachary  
**Date:** 5/14/2026 3:15:43 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

Please provide control measures to prevent sediment from discharging off-site during construction



**Subject:** SW - Textbox with Arrow  
**Page Label:** [5] 5 GEC Final  
**Author:** EPC Stormwater- Zachary  
**Date:** 5/14/2026 2:03:43 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

Remove or grey-out control measures that will not remain in the final condition.



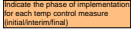
**Subject:** SW - Textbox with Arrow  
**Page Label:** [5] 5 GEC Final  
**Author:** EPC Stormwater- Zachary  
**Date:** 5/14/2026 2:47:07 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

Add slope labels



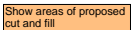
**Subject:** SW - Textbox with Arrow  
**Page Label:** [5] 5 GEC Final  
**Author:** EPC Stormwater- Zachary  
**Date:** 5/14/2026 3:01:43 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

Provide pond maintenance access easement and the road itself from the bottom of the pond up the embankment, around the perimeter of the pond, and to a public road, per DCMv1, Chap 11.2.2.



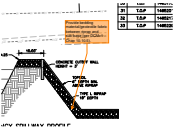
**Subject:** SW - Textbox  
**Page Label:** [5] 5 GEC Final  
**Author:** EPC Stormwater- Zachary  
**Date:** 5/14/2026 3:08:58 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

Indicate the phase of implementation for each temp control measure (initial/interim/final)



**Subject:** SW - Textbox  
**Page Label:** [5] 5 GEC Final  
**Author:** EPC Stormwater- Zachary  
**Date:** 5/14/2026 3:09:38 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

Show areas of proposed cut and fill



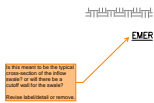
**Subject:** SW - Textbox with Arrow  
**Page Label:** [7] 7 Pond Grading  
**Author:** EPC Stormwater- Zachary  
**Date:** 5/14/2026 3:41:21 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

Provide bedding material/geotextile fabric between riprap and sub-base (per DCMv1 – Chap 10.10.5).



**Subject:** SW - Textbox with Arrow  
**Page Label:** [7] 7 Pond Grading  
**Author:** EPC Stormwater- Zachary  
**Date:** 5/14/2026 3:54:09 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

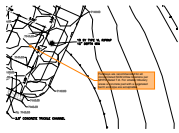
Pond bottom should have a minimum slope of 2% to the trickle channel



**Subject:** SW - Textbox with Arrow  
**Page Label:** [8] 8 Low Tailwater Basin Details  
**Author:** EPC Stormwater- Zachary  
**Date:** 5/14/2026 1:24:30 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

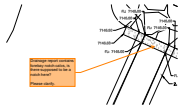
Is this meant to be the typical cross-section of the inflow swale? or will there be a cutoff wall for the swale?

Revise label/detail or remove.



**Subject:** SW - Textbox with Arrow  
**Page Label:** [8] 8 Low Tailwater Basin Details  
**Author:** EPC Stormwater- Zachary  
**Date:** 5/14/2026 4:02:16 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

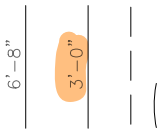
Forebays are recommended for all concentrated SCM inflow locations per MHFD Detail T-6. For smaller tributary areas a concrete pad with a vegetated berm and pipe are acceptable.



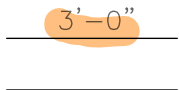
**Subject:** SW - Textbox with Arrow  
**Page Label:** [8] 8 Low Tailwater Basin Details  
**Author:** EPC Stormwater- Zachary  
**Date:** 5/14/2026 4:19:08 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

Drainage report contains forebay notch calcs, is there supposed to be a notch here?

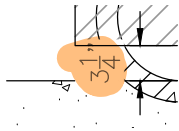
Please clarify.



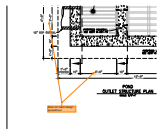
**Subject:** SW - Highlight  
**Page Label:** [9] 9 Outlet Details  
**Author:** EPC Stormwater- Zachary  
**Date:** 5/14/2026 12:36:21 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**



**Subject:** SW - Highlight  
**Page Label:** [9] 9 Outlet Details  
**Author:** EPC Stormwater- Zachary  
**Date:** 5/14/2026 12:36:55 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

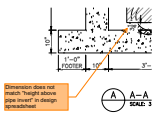


**Subject:** SW - Highlight  
**Page Label:** [9] 9 Outlet Details  
**Author:** EPC Stormwater- Zachary  
**Date:** 5/14/2026 12:38:40 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**



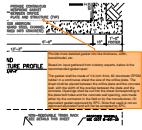
**Subject:** SW - Textbox with Arrow  
**Page Label:** [9] 9 Outlet Details  
**Author:** EPC Stormwater- Zachary  
**Date:** 5/14/2026 12:39:15 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

Does not match design spreadsheet



**Subject:** SW - Textbox with Arrow  
**Page Label:** [9] 9 Outlet Details  
**Author:** EPC Stormwater- Zachary  
**Date:** 5/14/2026 12:39:59 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

Dimension does not match "height above pipe invert" in design spreadsheet

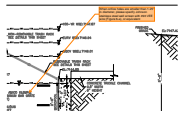


**Subject:** SW - Textbox with Arrow  
**Page Label:** [9] 9 Outlet Details  
**Author:** EPC Stormwater- Zachary  
**Date:** 5/14/2026 3:32:25 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

Provide more detailed gasket info like thickness, width, brand/model, etc.

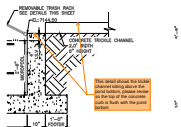
Based on input gathered from industry experts, below is the recommended gasket spec:

The gasket shall be made of 1/4-inch thick, 60 durometer EPDM rubber in a continuous sheet the size of the orifice plate. The sheet shall be placed between the orifice plate and the concrete wall, with the width of the overlap between the plate and the concrete. Openings shall be cut into the sheet corresponding to the plate bolt holes and the concrete wall opening, cuts made either by the contractor in the field or by the manufacturer. Or equivalent gasket approved by EPC. Note that caulk is not an approved equivalent and will not be accepted by EPC.



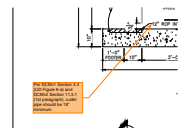
**Subject:** SW - Textbox with Arrow  
**Page Label:** [9] 9 Outlet Details  
**Author:** EPC Stormwater- Zachary  
**Date:** 5/14/2026 3:33:30 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

When orifice holes are smaller than 1.25" in diameter, please specify Johnson stainless steel well screen with #93 VEE wire (Figure 6-a), or equivalent



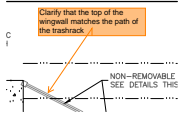
**Subject:** SW - Textbox with Arrow  
**Page Label:** [9] 9 Outlet Details  
**Author:** EPC Stormwater- Zachary  
**Date:** 5/14/2026 3:35:16 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

This detail shows the trickle channel sitting above the pond bottom, please revise so the top of the concrete curb is flush with the pond bottom



**Subject:** SW - Textbox with Arrow  
**Page Label:** [9] 9 Outlet Details  
**Author:** EPC Stormwater- Zachary  
**Date:** 5/14/2026 3:44:52 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

Per DCMv1 Section 4.3 (UD Figure 6-a) and DCMv2 Section 11.3.1 (1st paragraph), outlet pipe should be 18" minimum.



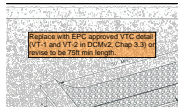
**Subject:** SW - Textbox with Arrow  
**Page Label:** [9] 9 Outlet Details  
**Author:** EPC Stormwater- Zachary  
**Date:** 5/14/2026 4:28:37 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

Clarify that the top of the wingwall matches the path of the trashrack



**Subject:** SW - Textbox  
**Page Label:** [11] 11 Details  
**Author:** EPC Stormwater- Zachary  
**Date:** 5/14/2026 1:49:41 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

Include seed mix detail. Need to specify a seed mix & application rate specific to those species appropriate for this project location. See COS SCM Table 5-1 and 5-2 for recommended mixes for the area.



**Subject:** SW - Textbox  
**Page Label:** [12] 12 Details (2)  
**Author:** EPC Stormwater- Zachary  
**Date:** 5/14/2026 1:48:51 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

Replace with EPC approved VTC detail (VT-1 and VT-2 in DCMv2, Chap 3.3) or revise to be 75ft min length.