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# LATIGO TRAILS FILING NO. 10

## EL PASO COUNTY, COLORADO

### GRADING AND EROSION CONTROL PLANS

#### CONTACTS

**OWNER/DEVELOPER:** BRJM, LLC  
CONTACT: BOB IRWIN  
101 N. CASCADE, SUITE 200  
COLORADO SPRINGS, CO 80903  
(719) 475-7474

**CIVIL ENGINEER:** DREXEL BARRELL & CO.  
CONTACT: TIM D. MCCONNELL, P.E.  
101 SAHWATCH STREET, #100  
COLORADO SPRINGS, CO 80903  
(719) 260-0887

**EL PASO COUNTY:** PLANNING AND COUNTY DEVELOPMENT  
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COLORADO SPRINGS, COLORADO 80910  
(719) 520-6819

DEPARTMENT OF PUBLIC WORKS  
3257 AKERS DR  
COLORADO SPRINGS, CO 80910  
(719) 529-6460

**DISTRICT:** MERIDIAN SERVICE METROPOLITAN DISTRICT  
11886 STAPLETON DR  
PEYTON, CO 80831  
(719) 495-6567

**FIRE PROTECTION DISTRICT:** FALCON FIRE FPD  
7030 N MERIDIAN RD  
FALCON, CO 80831  
(719) 494-4050

**ELECTRIC:** MOUNTAIN VIEW ELECTRIC ASSOC., INC.  
11140 EAST WOODMEN ROAD  
FALCON, COLORADO 80831  
(719)495-2283

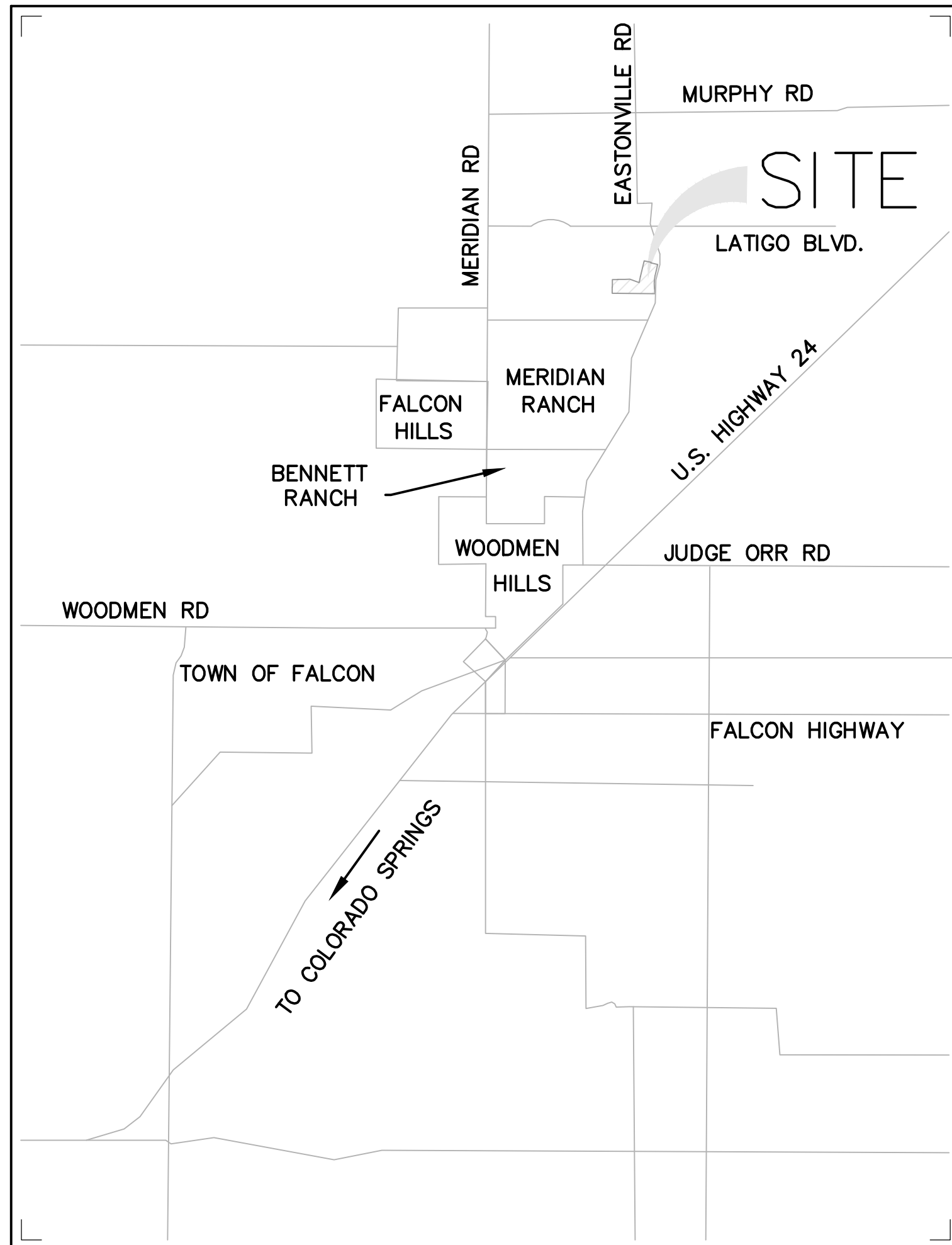
PREPARED BY:  
  
DREXEL, BARRELL & CO.  
Engineers • Surveyors  
101 SAHWATCH ST. #100  
COLORADO SPGS, COLORADO 80903  
CONTACT: TIM D. MCCONNELL, P.E.  
(719)260-0887  
COLORADO SPRINGS • LAFAYETTE

CLIENT:

FALCON LATIGO, LLC  
5350 S. ROSLYN ST. STE #400  
ENGLEWOOD, CO 80111-2125  
(303) 694-0862

#### STANDARD NOTES FOR EL PASO COUNTY GRADING AND EROSION CONTROL PLANS

- 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.
- 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 TO REGULATIONS AND STANDARDS MUST BE REQUESTED, AND APPROVED, IN WRITING.
- 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 THE SWMP IS THE RESPONSIBILITY OF THE DESIGNATED 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.
- 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.
- 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.
- 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.
- 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 PERMANENT ALTERNATIVE STABILIZATION METHOD IS IMPLEMENTED. ALL TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES SHALL BE REMOVED UPON FINAL STABILIZATION AND BEFORE PERMIT CLOSURE.
- ALL PERMANENT STORMWATER MANAGEMENT FACILITIES SHALL BE INSTALLED AS DESIGNED IN THE APPROVED PLANS. ANY PROPOSED CHANGES THAT EFFECT THE DESIGN OR FUNCTION OF PERMANENT STORMWATER MANAGEMENT STRUCTURES MUST BE APPROVED BY THE ECM ADMINISTRATOR PRIOR TO IMPLEMENTATION.
- 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 INFESABLE AND SPECIFICALLY REQUESTED AND APPROVED.
- 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 LOOSENEED PRIOR TO INSTALLATION OF THE CONTROL MEASURE(S).
- 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.
- 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.
- DURING DEWATERING OPERATIONS, UNCONTAMINATED GROUNDWATER 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.
- EROSION CONTROL BLANKETING OR OTHER PROTECTIVE COVERING SHALL BE USED ON SLOPES STEEPER THAN 3:1.
- 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.
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- TRACKING OF SOILS AND CONSTRUCTION DEBRIS OFF-SITE SHALL BE MINIMIZED. MATERIALS TRACKED OFF-SITE SHALL BE CLEANED UP AND PROPERLY DISPOSED OF IMMEDIATELY.
- 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.
- 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.
- 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.
- 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 ON-SITE AND TO PREVENT ANY SPILLED MATERIALS FROM ENTERING STATE WATERS, ANY SURFACE OR SUBSURFACE STORM DRAINAGE SYSTEM OR OTHER FACILITIES.
- NO PERSON SHALL CAUSE THE IMPEDIMENT OF STORMWATER FLOW IN THE CURB AND GUTTER OR DITCH EXCEPT WITH APPROVED SEDIMENT CONTROL MEASURES.
- 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, 402, 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.
- ALL CONSTRUCTION TRAFFIC MUST ENTER/EXIT THE SITE ONLY AT APPROVED CONSTRUCTION ACCESS POINTS.
- PRIOR TO CONSTRUCTION THE PERMITTEE SHALL VERIFY THE LOCATION OF EXISTING UTILITIES.
- 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.
- THE SOILS REPORT FOR THIS SITE HAS BEEN PREPARED BY ENTECH ENGINEERING, INCORPORATED, JANUARY 20, 2021 AND SHALL BE CONSIDERED A PART OF THESE PLANS.
- AT LEAST TEN DAYS PRIOR TO THE ANTICIPATED START OF CONSTRUCTION, FOR PROJECTS THAT WILL DISTURB 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  
WOOD - PERMITS  
4300 CHERRY CREEK DRIVE SOUTH  
DENVER, CO 80246-1530  
ATTN: PERMITS UNIT



VICINITY MAP  
NOT TO SCALE



#### SHEET INDEX

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#### OWNER'S STATEMENT

I, THE OWNER/DEVELOPER HAVE READ AND WILL COMPLY WITH THE REQUIREMENTS SPECIFIED IN THESE DETAILED PLANS AND SPECIFICATIONS.

ROBERT C. IRWIN \_\_\_\_\_ DATE \_\_\_\_\_

#### DESIGN ENGINEER'S STATEMENT

THESE DETAILED PLANS AND SPECIFICATIONS WERE PREPARED UNDER MY DIRECTION AND SUPERVISION. SAID PLANS AND SPECIFICATIONS HAVE BEEN PREPARED ACCORDING TO CRITERIA ESTABLISHED BY THE COUNTY FOR THE 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 PLANS 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.

TIM D. MCCONNELL \_\_\_\_\_ DATE \_\_\_\_\_  
P.E.# 33797

#### EL PASO COUNTY

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 THE COMPLETENESS AND/OR ACCURACY OF THIS DOCUMENT.

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

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 DIRECTOR'S DISCRETION.

JOSHUA PALMER, P.E. \_\_\_\_\_ DATE \_\_\_\_\_  
COUNTY ENGINEER

GRADING & EROSION CONTROL PLANS FOR:  
**LATIGO TRAILS  
FILING NO. 10**  
EL PASO COUNTY  
FALCON, COLORADO

ISSUE	DATE
INITIAL ISSUE	9/18/24
DESIGNED BY:	SBN
DRAWN BY:	SBN
CHECKED BY:	TDM
FILE NAME:	21820-01CV3
PREPARED UNDER MY DIRECT SUPERVISION FOR AND BEHALF OF DREXEL, BARRELL & CO.	

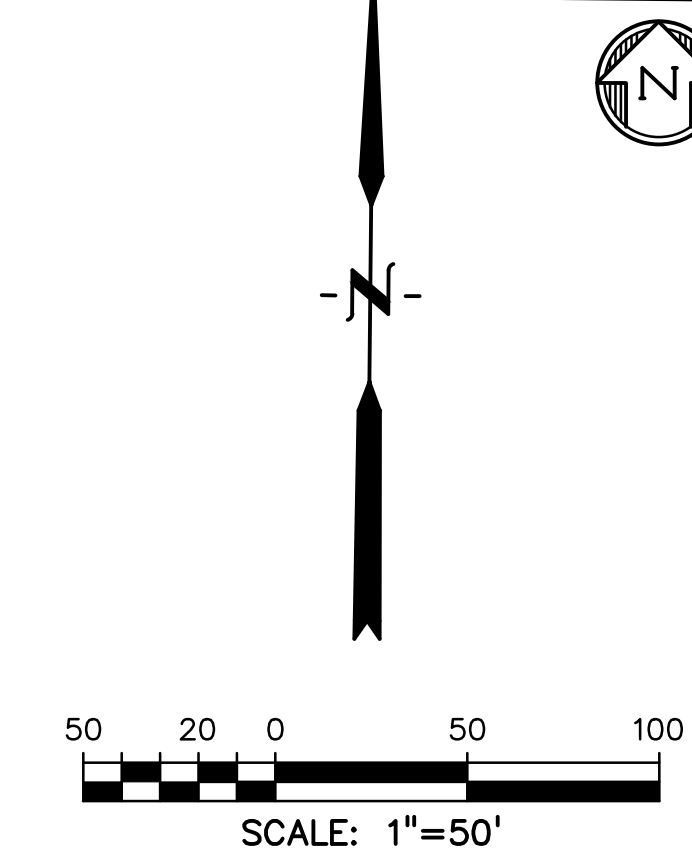
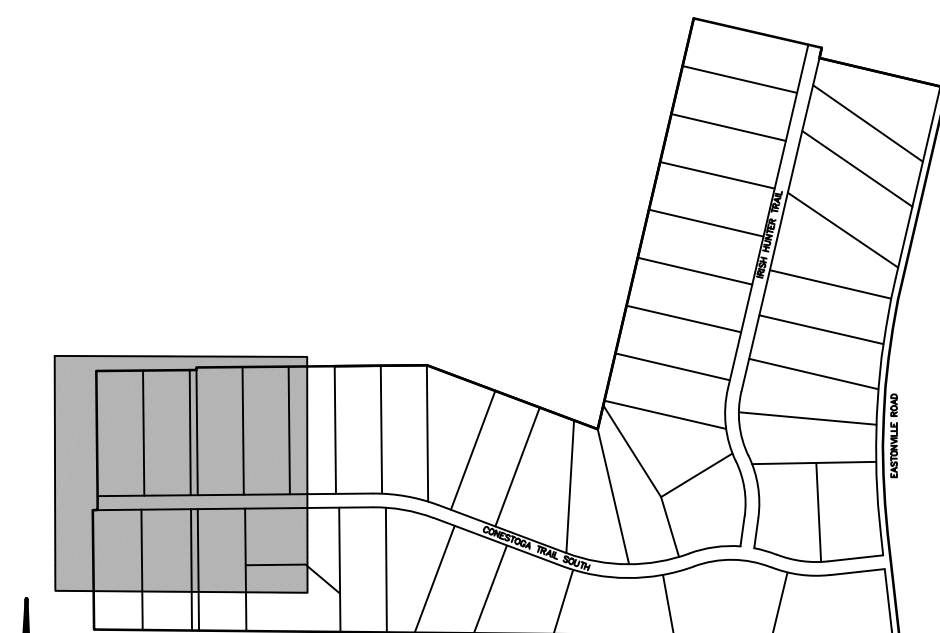
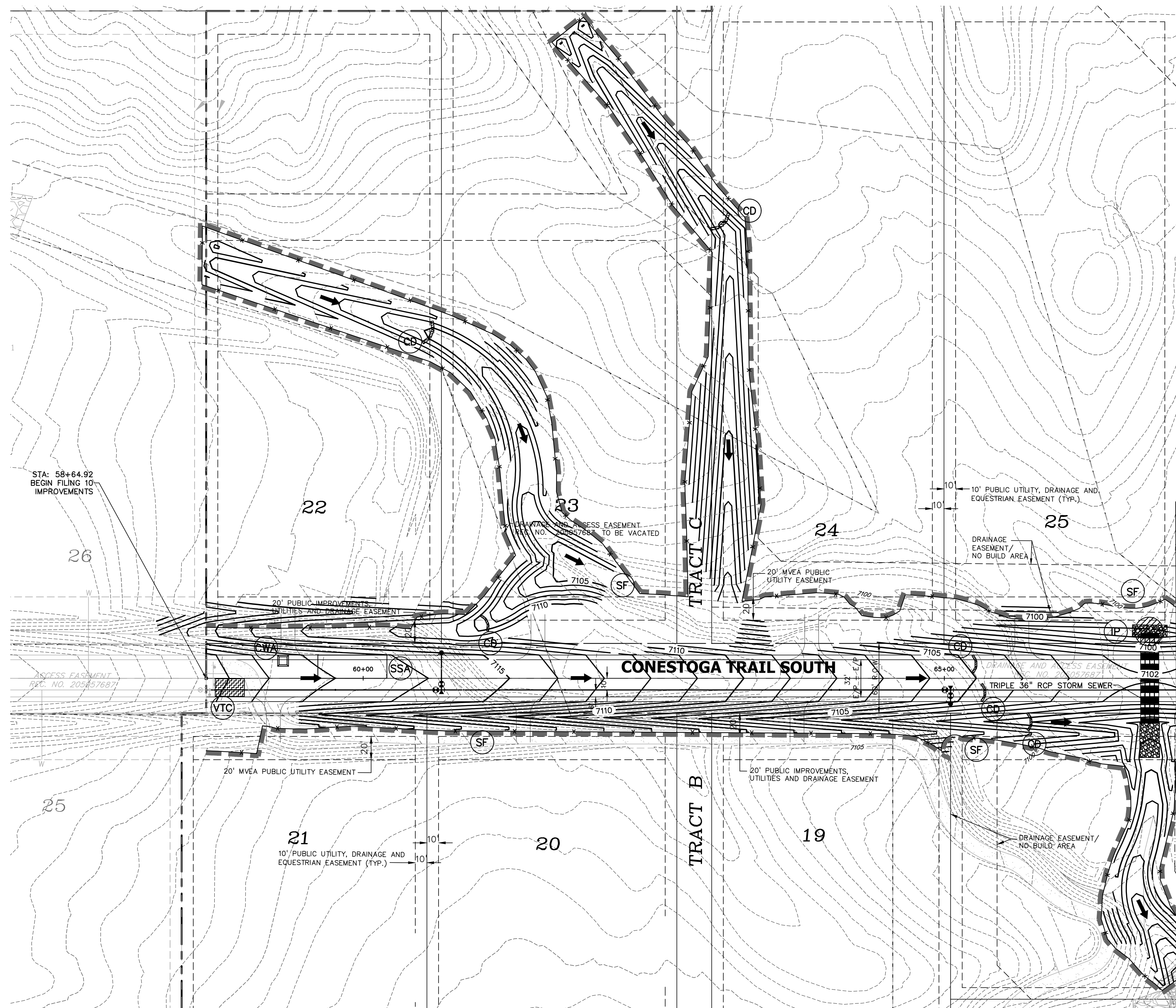
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HORIZONTAL: N/A  
VERTICAL: N/A

COVER SHEET

PROJECT NO. 21820-01CSCV  
DRAWING NO.

**CV-1**  
SHEET: 1 OF 13





- NOTES:**
1. WASTE DISPOSAL BIN LOCATIONS ARE TBD AND WILL BE ADDED TO THE SWMP ONCE DETERMINED BY THE CONTRACTOR.
  2. ONSITE LOCATION OF THE SWMP IS TBD AND WILL BE ADDED TO THE SWMP ONCE DETERMINED BY THE CONTRACTOR.
  3. THE NEED FOR DEWATERING IS NOT ANTICIPATED. IN THE EVENT THAT DEWATERING BECOMES NECESSARY THE CONTRACTOR, WITH INPUT FROM THE COUNTY STORMWATER INSPECTOR, WILL DESIGN THE LOCATIONS OF DIVERSION, PUMP & DISCHARGES.
  4. SITE HAS BEEN RECENTLY OVERLOT GRADED AND RESEDED. VEGETATION COVERAGE IS CURRENTLY SPARSE GRASSES.
  5. NO BATCH PLANTS WILL BE UTILIZED ONSITE
  6. THE SITE IS NOT WITHIN 50FT OF ANY SURFACE WATERS

**LEGEND**

PROPOSED INTERMEDIATE CONTOUR.....	5522
PROPOSED INDEX CONTOUR.....	5520
EX INTERMEDIATE CONTOUR.....	5364
EX INDEX CONTOUR.....	5365
DIRECTION OF FLOW.....	←
EX. 100-YEAR FLOODPLAIN.....	—
PROJECT BOUNDARY/PROPERTY LINE.....	---
ROW.....	---
LIMITS OF DISTURBANCE/ CONSTRUCTION SITE BOUNDARY.....	---
CUT/FILL LINE.....	CUT FILL
INTERIM/FINAL INLET PROTECTION.....	IP
INITIAL/INTERIM SILT FENCE.....	SF
INITIAL/INTERIM CONCRETE WASHOUT AREA.....	CWA
INITIAL/INTERIM VEHICLE TRACKING CONTROL.....	VTC
INITIAL/INTERIM STABILIZED STAGING AREA.....	SSA
INITIAL/INTERIM STRAW BALE CHECK DAM.....	CD
INITIAL/INTERIM TEMPORARY SEDIMENT BASIN.....	TSB

PREPARED BY:  
  
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 COLORADO SPRINGS, COLORADO 80903  
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DESIGNED BY: TDM  
 DRAWN BY: GES  
 CHECKED BY: TDM  
 FILE NAME: 21820-01GC1

PREPARED UNDER MY DIRECT SUPERVISION FOR AND BEHALF OF DREXEL, BARRELL & CO.

DRAWING SCALE:  
 HORIZONTAL: 1" = 50'  
 VERTICAL: N/A

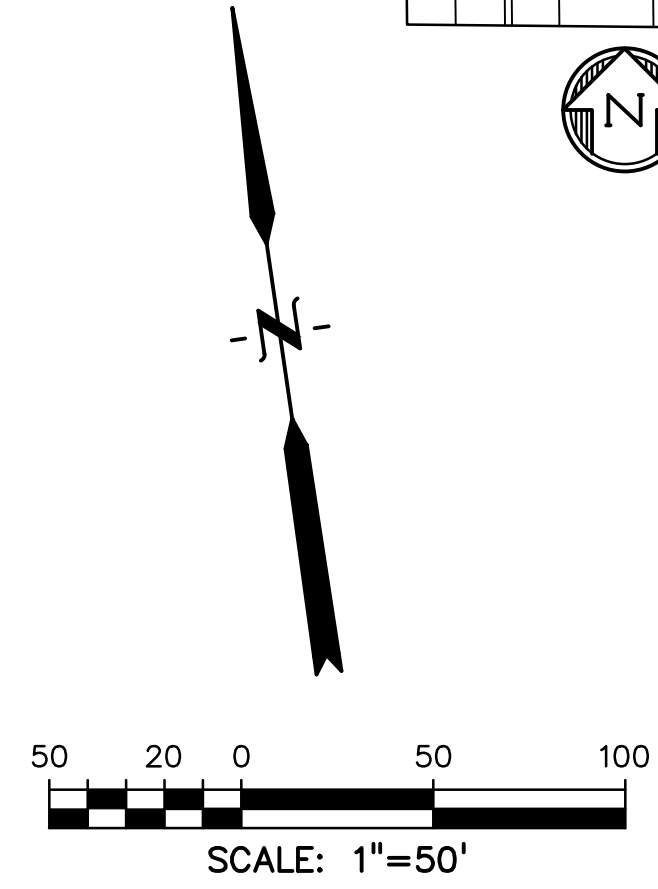
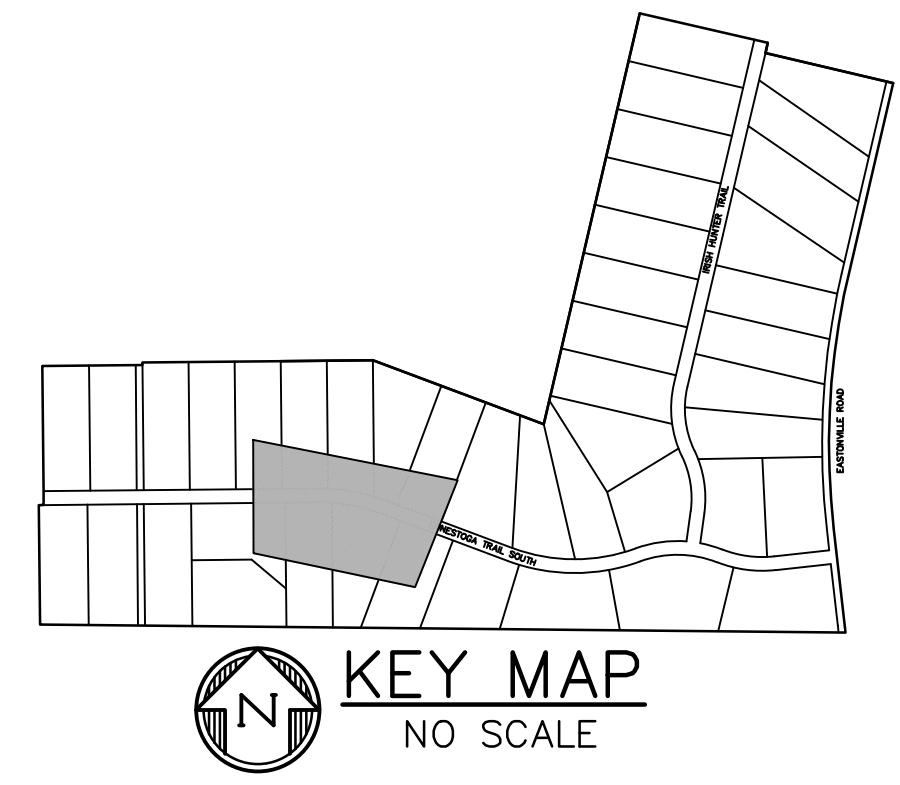
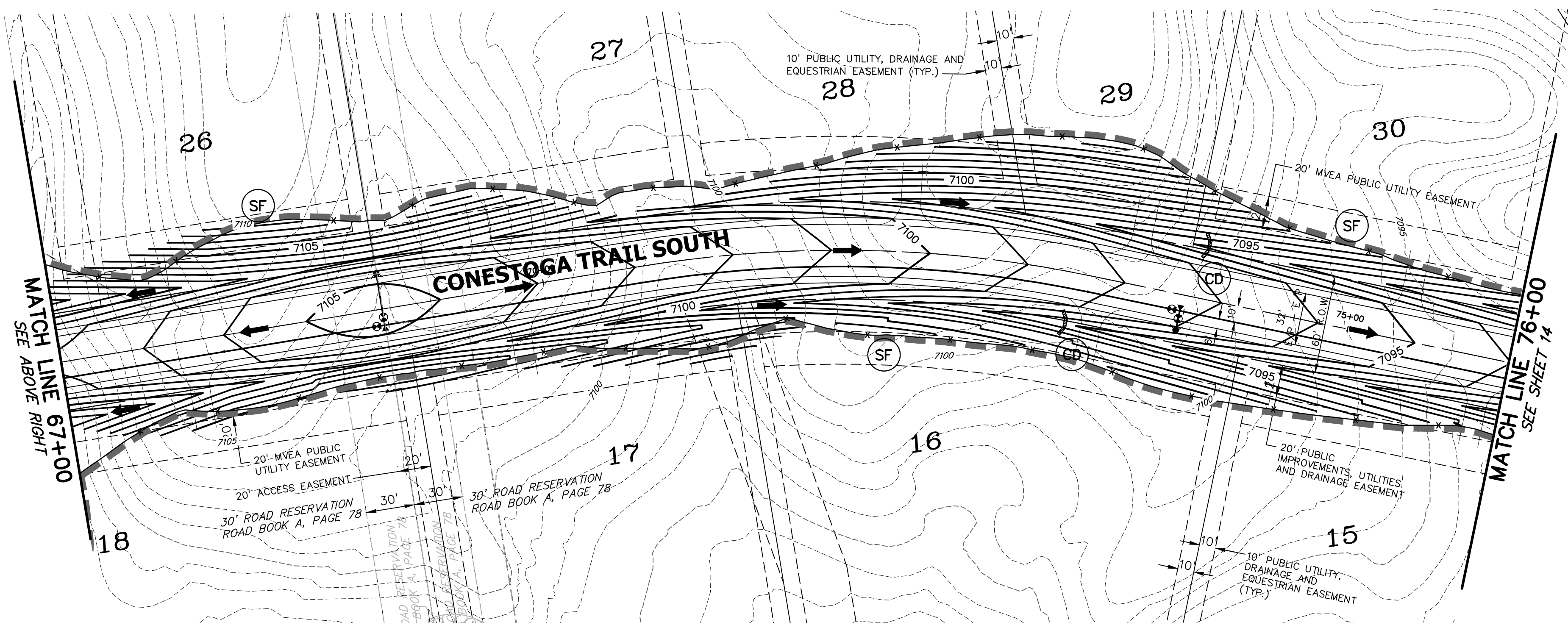
**CONESTOGA TR.  
 GRADING &  
 ERSN CNTL PLAN**

PROJECT NO. 21820-01CSCV  
 DRAWING NO.

**EC-1**

SHEET: 2 OF 13





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 DRAWN BY: GES  
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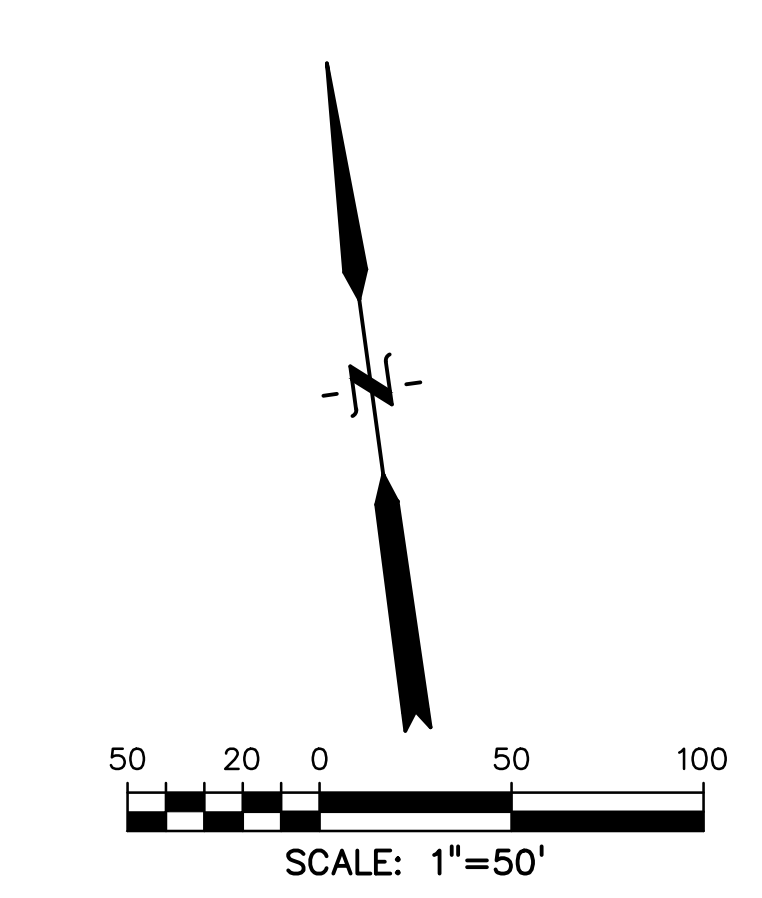
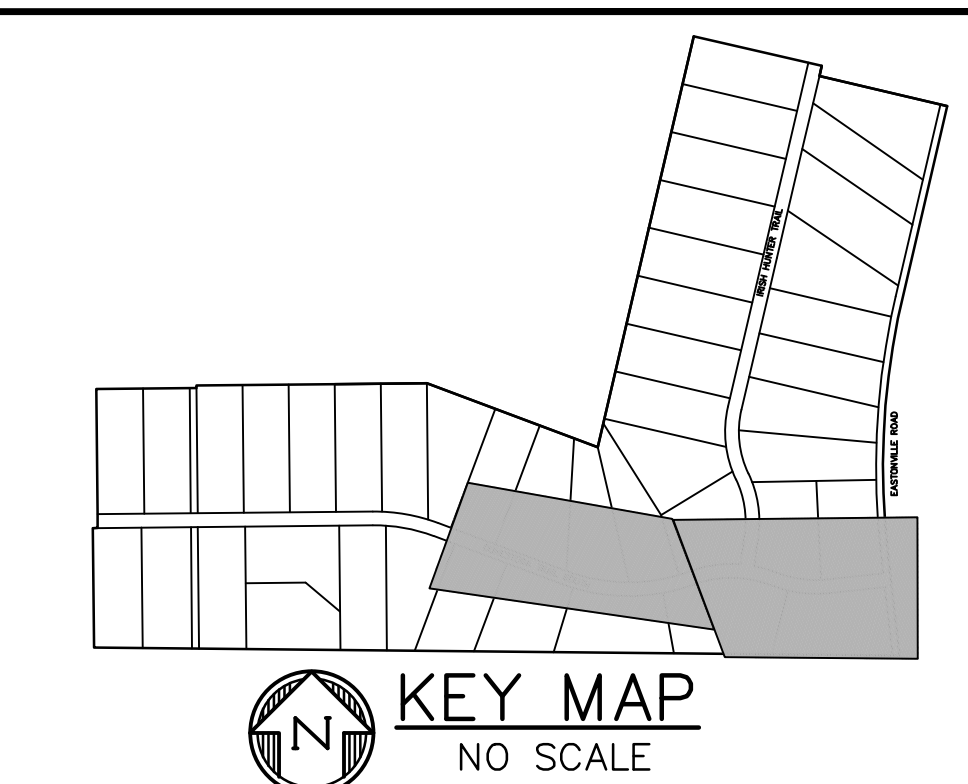
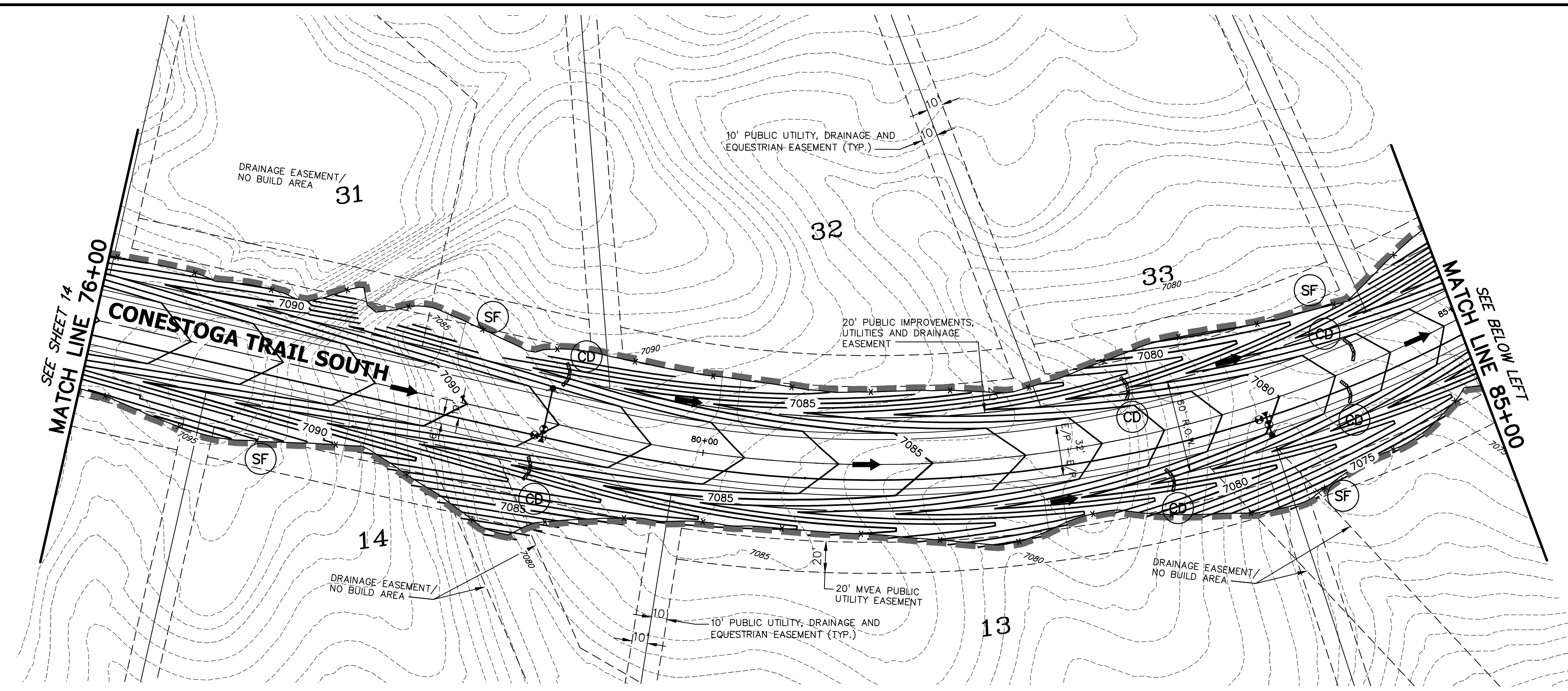
DRAWING SCALE:  
 HORIZONTAL: 1" = 50'  
 VERTICAL: N/A

**CONESTOGA TR.**  
**GRADING &**  
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PROJECT NO. 21820-01CSCV  
 DRAWING NO.

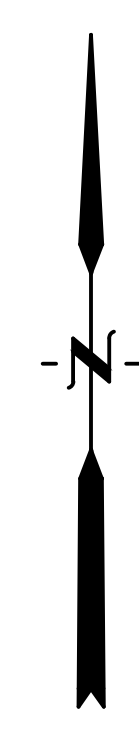
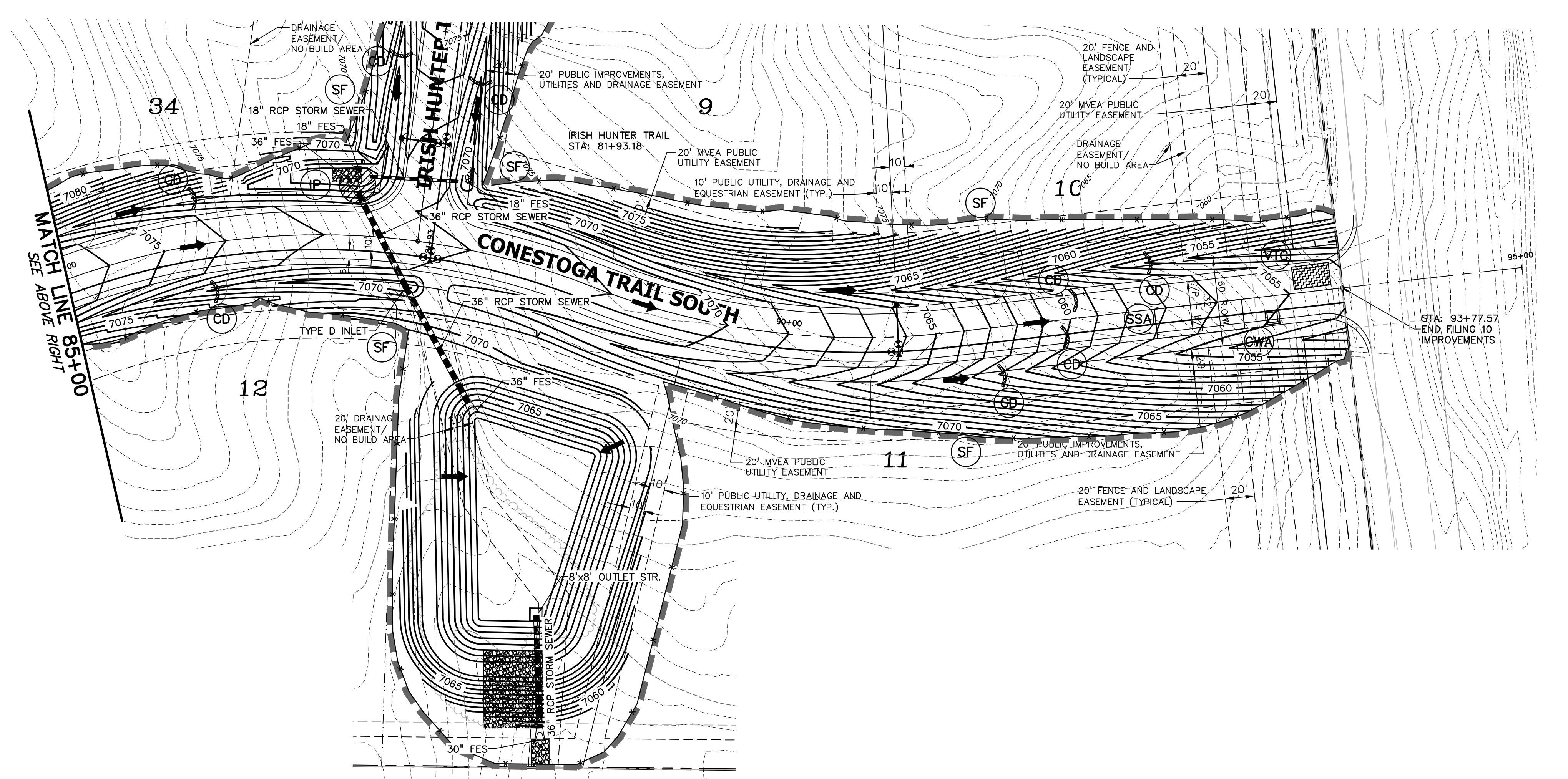
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4. SITE HAS BEEN RECENTLY OVERLOT GRADED AND RESEEDED. VEGETATION COVERAGE IS CURRENTLY SPARSE GRASSES.
5. NO BATCH PLANTS WILL BE UTILIZED ONSITE.
6. THE SITE IS NOT WITHIN 50FT OF ANY SURFACE WATERS.



**LEGEND**

PROPOSED INTERMEDIATE CONTOUR.....	5522
PROPOSED INDEX CONTOUR.....	5520
EX INTERMEDIATE CONTOUR.....	5364
EX INDEX CONTOUR.....	5365
DIRECTION OF FLOW.....	←
EX. 100-YEAR FLOODPLAIN.....	—
PROJECT BOUNDARY/PROPERTY LINE.....	---
ROW.....	---
LIMITS OF DISTURBANCE/ CONSTRUCTION SITE BOUNDARY.....	---
CUT/FILL LINE.....	— CUT — — FILL —
INTERIM/FINAL INLET PROTECTION.....	IP (diagonal hatching)
INITIAL/INTERIM SILT FENCE.....	SF (cross-hatching)
INITIAL/INTERIM CONCRETE WASHOUT AREA.....	CWA (rectangle)
INITIAL/INTERIM VEHICLE TRACKING CONTROL.....	VTC (stippled pattern)
INITIAL/INTERIM STABILIZED STAGING AREA.....	SSA (diagonal hatching)
INITIAL/INTERIM STRAW BALE CHECK DAM.....	CD (circle)
INITIAL/INTERIM TEMPORARY SEDIMENT BASIN.....	TSB (circle)

PREPARED BY:  
  
**DREXEL, BARRELL & CO.**  
 Engineers • Surveyors  
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 COLORADO SPGS, COLORADO 80903  
 CONTACT: TIM D. MCCONNELL, P.E.  
 (719)266-0887  
 COLORADO SPRINGS • LAFAYETTE

CLIENT:  
 FALCON LATIGO, LLC  
 5350 S. ROSLYN ST. STE #400  
 ENGLEWOOD, CO 80111-2125  
 (303) 694-0862

GRADING & EROSION CONTROL PLANS FOR:  
**LATIGO TRAILS**  
**FILING NO. 10**  
 EL PASO COUNTY  
 FALCON, COLORADO

ISSUE	DATE
INITIAL ISSUE	9/18/24

DESIGNED BY: TDM  
 DRAWN BY: GES  
 CHECKED BY: TDM  
 FILE NAME: 21820-01CG1

PREPARED UNDER MY DIRECT SUPERVISION FOR AND BEHALF OF DREXEL, BARRELL & CO.

DRAWING SCALE:  
 HORIZONTAL: 1" = 50'  
 VERTICAL: N/A

**CONESTOGA TR.  
 GRADING &  
 ERSN CNTL PLAN**

PROJECT NO. 21820-01CSCV  
 DRAWING NO.

**EC-3**

SHEET: 4 OF 13



PREPARED BY:  
  
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GRADING & EROSION CONTROL PLANS FOR:  
**LATIGO TRAILS**  
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 FALCON, COLORADO

ISSUE	DATE
INITIAL ISSUE	9/18/24
DESIGNED BY:	TDM
DRAWN BY:	GES
CHECKED BY:	TDM
FILE NAME:	21820-01GC2

PREPARED UNDER MY DIRECT SUPERVISION FOR AND BEHALF OF DREXEL, BARRELL & CO.

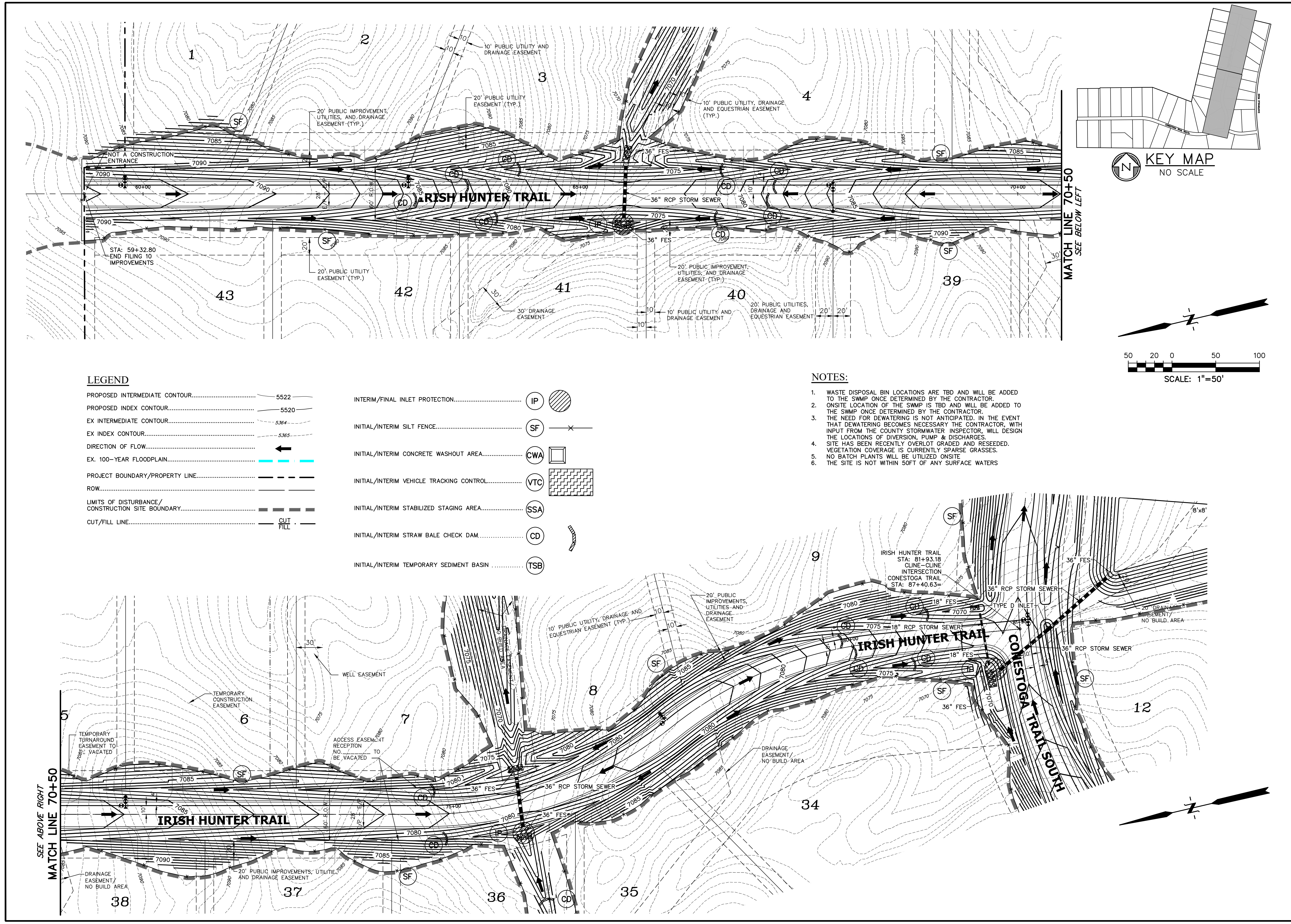
DRAWING SCALE:  
 HORIZONTAL: 1" = 50'  
 VERTICAL: N/A

**IRISH HUNTER GRADING & ERSN CNTL PLAN**

PROJECT NO. 21820-01CSCV  
 DRAWING NO.

**EC-4**

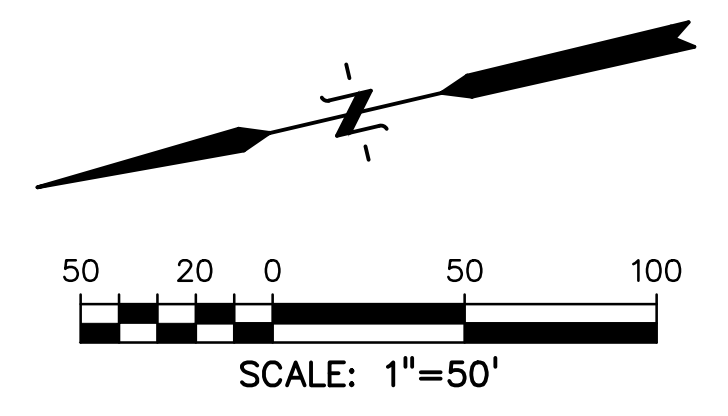
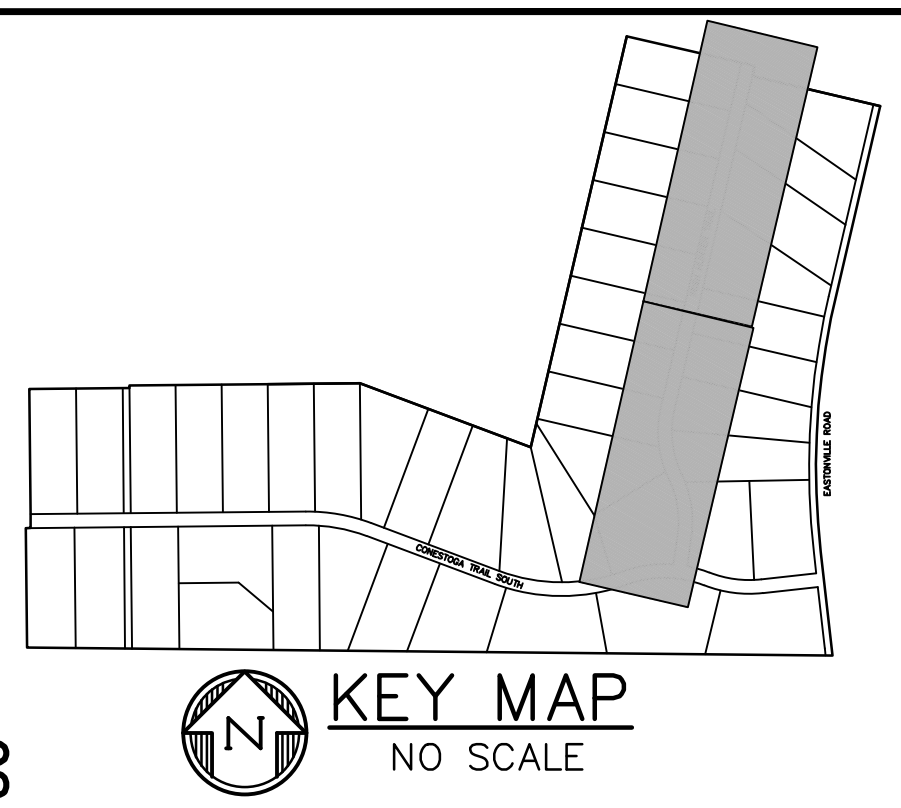
SHEET: 5 OF 13



**LEGEND**

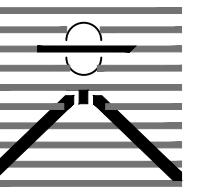
PROPOSED INTERMEDIATE CONTOUR.....	5522	INTERIM/FINAL INLET PROTECTION.....	IP
PROPOSED INDEX CONTOUR.....	5520	INITIAL/INTERIM SILT FENCE.....	SF
EX INTERMEDIATE CONTOUR.....	5364	INITIAL/INTERIM CONCRETE WASHOUT AREA.....	CWA
EX INDEX CONTOUR.....	5365	INITIAL/INTERIM VEHICLE TRACKING CONTROL.....	VTC
DIRECTION OF FLOW.....	←	INITIAL/INTERIM STABILIZED STAGING AREA.....	SSA
EX. 100-YEAR FLOODPLAIN.....	— — — —	INITIAL/INTERIM STRAW BALE CHECK DAM.....	CD
PROJECT BOUNDARY/PROPERTY LINE.....	— — — —	INITIAL/INTERIM TEMPORARY SEDIMENT BASIN.....	TSB
ROW.....	— — — —		
LIMITS OF DISTURBANCE/ CONSTRUCTION SITE BOUNDARY.....	— — — —		
CUT/FILL LINE.....	CUT FILL		

- NOTES:**
- WASTE DISPOSAL BIN LOCATIONS ARE TBD AND WILL BE ADDED TO THE SWMP ONCE DETERMINED BY THE CONTRACTOR.
  - ONSITE LOCATION OF THE SWMP IS TBD AND WILL BE ADDED TO THE SWMP ONCE DETERMINED BY THE CONTRACTOR.
  - THE NEED FOR DEWATERING IS NOT ANTICIPATED. IN THE EVENT THAT DEWATERING BECOMES NECESSARY THE CONTRACTOR, WITH INPUT FROM THE COUNTY STORMWATER INSPECTOR, WILL DESIGN THE LOCATIONS OF DIVERSION, PUMP & DISCHARGES.
  - SITE HAS BEEN RECENTLY OVERLOT GRADED AND RESEDED. VEGETATION COVERAGE IS CURRENTLY SPARSE GRASSES.
  - NO BATCH PLANTS WILL BE UTILIZED ONSITE
  - THE SITE IS NOT WITHIN 50FT OF ANY SURFACE WATERS





PREPARED BY:



DREXEL, BARRELL & CO.  
 Engineers-Surveyors  
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CLIENT:

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GRADING & EROSION CONTROL PLANS FOR:

LATIGO TRAILS  
 FILING NO. 10  
 EL PASO COUNTY  
 FALCON, COLORADO

ISSUE	DATE
INITIAL ISSUE	9/18/24

DESIGNED BY:	TDM
DRAWN BY:	GES
CHECKED BY:	TDM
FILE NAME:	21820-01G02

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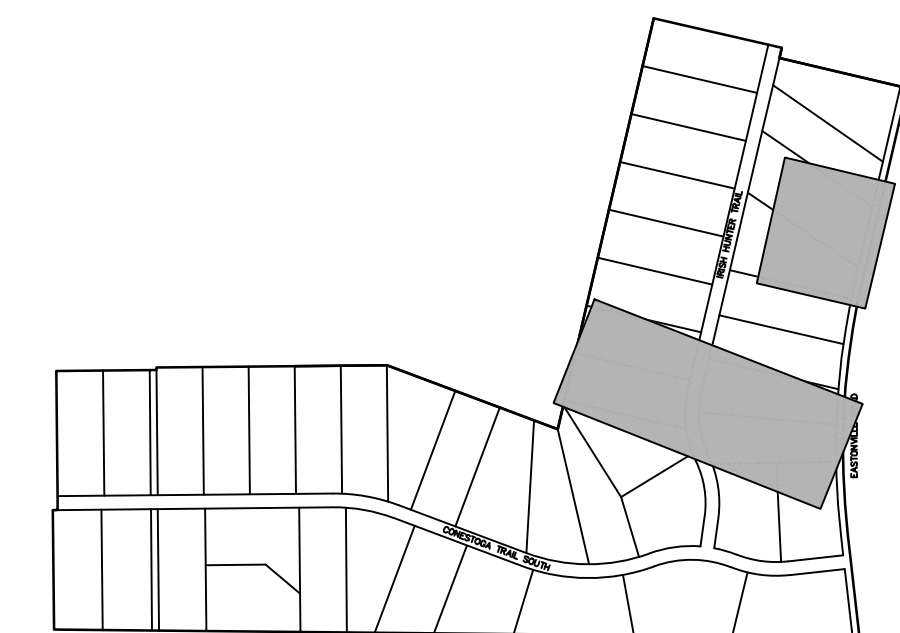
DRAWING SCALE:  
 HORIZONTAL: 1" = 50'  
 VERTICAL: N/A

POND G18  
 & G19 ERSN  
 CNTL PLAN

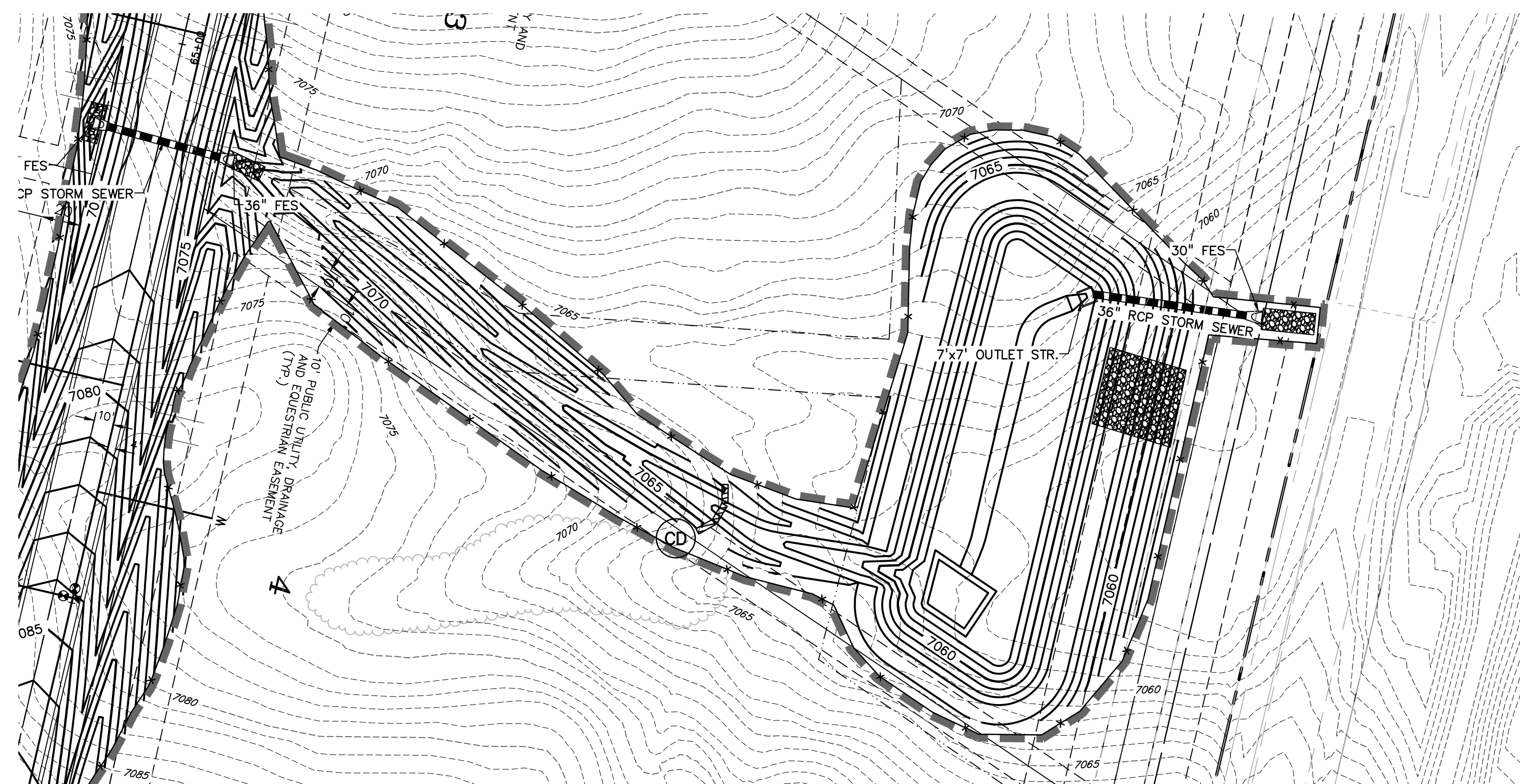
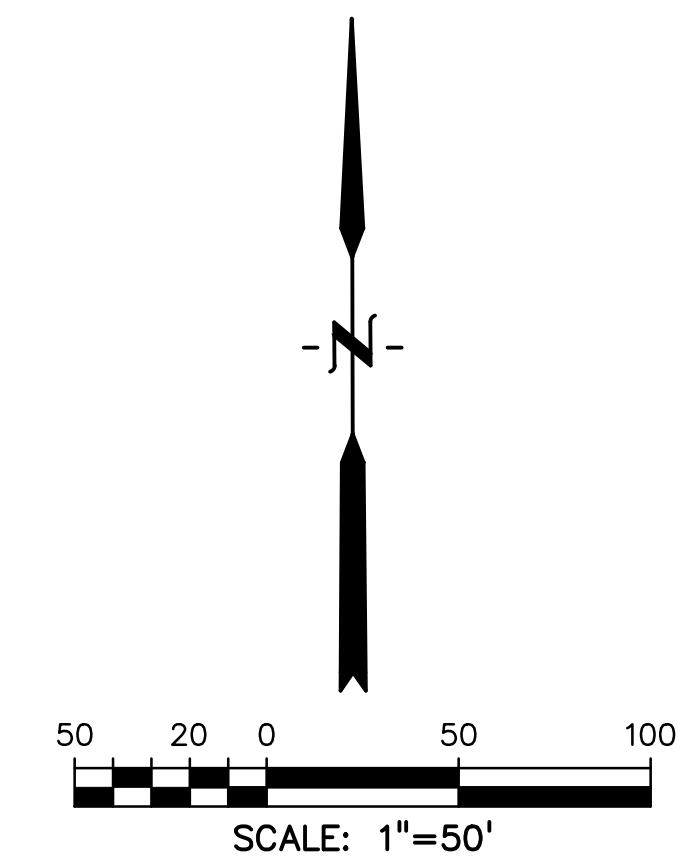
PROJECT NO. 21820-01CSCV  
 DRAWING NO.

**EC-5**

SHEET: 6 OF 13



KEY MAP  
 NO SCALE



**LEGEND**

- PROPOSED INTERMEDIATE CONTOUR..... 5522
- PROPOSED INDEX CONTOUR..... 5520
- EX INTERMEDIATE CONTOUR..... 5364
- EX INDEX CONTOUR..... 5365
- DIRECTION OF FLOW.....
- EX. 100-YEAR FLOODPLAIN.....
- PROJECT BOUNDARY/PROPERTY LINE.....
- ROW.....
- LIMITS OF DISTURBANCE/  
CONSTRUCTION SITE BOUNDARY.....
- CUT/FILL LINE.....

- INTERIM/FINAL INLET PROTECTION..... (IP) [Symbol]
- INITIAL/INTERIM SILT FENCE..... (SF) [Symbol]
- INITIAL/INTERIM CONCRETE WASHOUT AREA..... (CWA) [Symbol]
- INITIAL/INTERIM VEHICLE TRACKING CONTROL..... (VTC) [Symbol]
- INITIAL/INTERIM STABILIZED STAGING AREA..... (SSA) [Symbol]
- INITIAL/INTERIM STRAW BALE CHECK DAM..... (CD) [Symbol]
- INITIAL/INTERIM TEMPORARY SEDIMENT BASIN..... (TSB) [Symbol]

**NOTES:**

1. WASTE DISPOSAL BIN LOCATIONS ARE TBD AND WILL BE ADDED TO THE SWMP ONCE DETERMINED BY THE CONTRACTOR.
2. ON-SITE LOCATION OF THE SWMP IS TBD AND WILL BE ADDED TO THE SWMP ONCE DETERMINED BY THE CONTRACTOR.
3. THE NEED FOR DEWATERING IS NOT ANTICIPATED. IN THE EVENT THAT DEWATERING BECOMES NECESSARY THE CONTRACTOR, WITH INPUT FROM THE COUNTY STORMWATER INSPECTOR, WILL DESIGN THE LOCATIONS OF DIVERSION, PUMP & DISCHARGES.
4. SITE HAS BEEN RECENTLY OVERLOT GRADED AND RESEDED. VEGETATION COVERAGE IS CURRENTLY SPARSE GRASSES.
5. NO BATCH PLANTS WILL BE UTILIZED ON-SITE
6. THE SITE IS NOT WITHIN 50FT OF ANY SURFACE WATERS



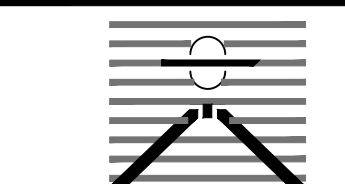




Know what's below.  
Call before you dig.

CALL 2-BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES.

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GRADING & EROSION CONTROL PLANS FOR:  
**LATIGO TRAILS**  
**FILING NO. 10**  
EL PASO COUNTY  
FALCON, COLORADO

**CHECK DAM ELEVATION VIEW**

**SECTION A-A'**

**SECTION B-B'**

**PROFILE**

**MAINTENANCE NOTES**

1. CHECK DAMS SHOULD BE INSTALLED BEFORE UPSTREAM LAND DISTURBING ACTIVITIES.

2. RIPRAP PAD SHOULD BE TRENCHED INTO GROUND BY A MINIMUM OF 6".

1. FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN CONTROL MEASURES IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.

2. ACCUMULATED SEDIMENT MUST BE REMOVED WHEN THE HEIGHT REACHES 2/3 THE HEIGHT OF THE CHECK DAM CREST.

3. CHECK DAMS MUST REMAIN UNTIL THE UPSTREAM DISTURBANCE AREA IS STABILIZED.

4. PERMANENTLY STABILIZE AREA AFTER CHECK DAMS ARE REMOVED IF REMOVAL IS REQUIRED.

**CD**

STORMWATER ENTERPRISE APPROVED: [Signature] DATE: 10/7/19 DESIGNED: 10/7/2020 DRAWING NO. 900-0M-1

**CONCRETE WASHOUT AREA PLAN**

**SECTION A-A'**

**MAINTENANCE NOTES**

1. FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN CONTROL MEASURES IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.

2. THE CONCRETE WASH AREA SHALL BE REPAIRED, CLEANED, OR ENLARGED AS NECESSARY TO MAINTAIN CAPACITY FOR CONCRETE WASTE. CONCRETE MATERIALS ACCUMULATED IN THE PIT SHALL BE REMOVED ONCE THE MATERIALS HAVE REACHED A DEPTH OF 2/3 THE HEIGHT OF THE CONCRETE WASH AREA.

3. CONCRETE WASHOUT WATER, WASTED PIECES OF CONCRETE, AND ALL OTHER DEBRIS IN THE SUBSURFACE PIT SHALL BE TRANSPORTED FROM THE JOB SITE IN A WATER-TIGHT CONTAINER AND DISPOSED OF PROPERLY.

4. THE CONCRETE WASH AREA SHALL REMAIN IN PLACE UNTIL ALL CONCRETE FOR THE PROJECT IS PLACED.

5. PERMANENTLY STABILIZE AREA AFTER CONCRETE WASH AREA IS REMOVED.

**CWA**

STORMWATER ENTERPRISE APPROVED: [Signature] DATE: 10/7/19 DESIGNED: 10/7/2020 DRAWING NO. 900-0M-2

**INSTALLATION NOTES**

1. SEE PLAN VIEW FOR:

2. LOCATION OF CONCRETE WASHOUT AREA

3. LOCATE AT LEAST 50' AWAY FROM STATE WATERS MEASURED HORIZONTALLY.

4. AN IMPERMEABLE LINER (16 MIL. MINIMUM THICKNESS) IS REQUIRED IF CONCRETE WASH AREA IS LOCATED WITHIN 400' OF STATE WATERS OR 1000' OF WELLS OR DRINKING WATER SOURCES.

5. DO NOT LOCATE IN AREAS WHERE SHALLOW GROUNDWATER MAY BE PRESENT.

6. THE CONCRETE WASH AREA SHALL BE INSTALLED PRIOR TO CONCRETE PLACEMENT ON SITE.

7. BERM SURROUNDING SIDES AND BACK OF CONCRETE WASH AREA SHALL HAVE A MINIMUM HEIGHT OF 2' FEET.

8. CONCRETE WASH AREA ENTRANCE SHALL BE SLOPED 2% TOWARDS THE CONCRETE WASH AREA.

9. SIGNS SHALL BE PLACED AT THE CONCRETE WASH AREA.

10. USE EXCAVATED MATERIAL FOR PERIMETER BERM CONSTRUCTION.

**MAINTENANCE NOTES**

1. FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN CONTROL MEASURES IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.

2. THE CONCRETE WASH AREA SHALL BE REPAIRED, CLEANED, OR ENLARGED AS NECESSARY TO MAINTAIN CAPACITY FOR CONCRETE WASTE. CONCRETE MATERIALS ACCUMULATED IN THE PIT SHALL BE REMOVED ONCE THE MATERIALS HAVE REACHED A DEPTH OF 2/3 THE HEIGHT OF THE CONCRETE WASH AREA.

3. CONCRETE WASHOUT WATER, WASTED PIECES OF CONCRETE, AND ALL OTHER DEBRIS IN THE SUBSURFACE PIT SHALL BE TRANSPORTED FROM THE JOB SITE IN A WATER-TIGHT CONTAINER AND DISPOSED OF PROPERLY.

4. THE CONCRETE WASH AREA SHALL REMAIN IN PLACE UNTIL ALL CONCRETE FOR THE PROJECT IS PLACED.

5. PERMANENTLY STABILIZE AREA AFTER CONCRETE WASH AREA IS REMOVED.

**CWA**

STORMWATER ENTERPRISE APPROVED: [Signature] DATE: 10/7/19 DESIGNED: 10/7/2020 DRAWING NO. 900-0M-2

**EROSION CONTROL BLANKET**

**PERIMETER ANCHOR TRENCH**

**JOINT ANCHOR TRENCH**

**INTERMEDIATE CHECK SLOT**

**OVERLAPPING JOINT**

**STAPLE CHECK**

**MAINTENANCE NOTES**

1. FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN CONTROL MEASURES IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.

2. ACCUMULATED SEDIMENT MUST BE REMOVED WHEN THE HEIGHT REACHES 2/3 THE HEIGHT OF THE CHECK DAM CREST.

3. CHECK DAMS MUST REMAIN UNTIL THE UPSTREAM DISTURBANCE AREA IS STABILIZED.

4. PERMANENTLY STABILIZE AREA AFTER CHECK DAMS ARE REMOVED IF REMOVAL IS REQUIRED.

**ECB**

STORMWATER ENTERPRISE APPROVED: [Signature] DATE: 10/7/19 DESIGNED: 10/7/2020 DRAWING NO. 900-0M-1

**INSTALLATION NOTES**

1. 100% NATURAL AND BIODEGRADABLE MATERIALS ARE REQUIRED FOR EROSION CONTROL BLANKETS. TFM PRODUCTS MAY BE USED WHERE APPROPRIATE AS DESIGNATED BY THE ENGINEER.

2. IN AREAS WHERE EROSION CONTROL BLANKETS ARE SHOWN ON THE PLANS, THE PERMITTEE SHALL PLACE TOPSOIL AND PERFORM FINAL GRADING, SURFACE PREPARATION AND SEEDING AND MULCHING. SUBGRADE SHALL BE SMOOTH AND MOIST PRIOR TO EROSION CONTROL BLANKET INSTALLATION, AND THE EROSION CONTROL BLANKET SHALL BE IN FULL CONTACT WITH THE SUBGRADE. NO GAPS OR VOIDS SHALL EXIST UNDER THE BLANKET.

3. PERIMETER ANCHOR TRENCH SHALL BE USED ALONG THE OUTSIDE PERIMETER OF ALL BLANKET AREAS.

4. JOINT ANCHOR TRENCH SHALL BE USED TO JOIN ROLLS OF EROSION CONTROL BLANKETS TOGETHER (LONGITUDINALLY AND TRANSVERSELY) FOR ALL EROSION CONTROL BLANKETS.

5. INTERMEDIATE CHECK SLOT OR STAPLE CHECK SHALL BE INSTALLED EVERY 15' DOWN SLOPES. IN DRAINAGEWAYS, INSTALL CHECK SLOTS EVERY 25' PERPENDICULAR TO FLOW DIRECTION.

6. OVERLAPPING JOINT DETAIL SHALL BE USED TO JOIN ROLLS OF EROSION CONTROL BLANKETS TOGETHER FOR EROSION CONTROL BLANKETS ON SLOPES.

7. MATERIAL SPECIFICATIONS OF EROSION CONTROL BLANKETS SHALL CONFORM TO TABLE ECB-1.

8. ANY AREAS OF SEEDING AND MULCHING DISTURBED IN THE PROCESS OF INSTALLING EROSION CONTROL BLANKETS SHALL BE RESEEDED AND MULCHED.

9. STRAW EROSION CONTROL BLANKETS SHALL NOT BE USED WITH STREAMS AND DRAINAGE CHANNELS.

10. COMPACT ALL TRENCHES.

**MAINTENANCE NOTES**

1. FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN CONTROL MEASURES IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.

2. EROSION CONTROL BLANKETS SHALL BE LEFT IN PLACE TO EVENTUALLY BIODEGRADE. TFM MUST BE REMOVED AT THE DISCRETION OF THE GEC INSPECTOR.

3. ANY EROSION CONTROL BLANKET PULLED OUT, TORN, OR OTHERWISE DAMAGED SHALL BE REPAIRED OR REINSTALLED. ANY SUBGRADE AREAS BELOW GEOTEXTILE THAT REMAIN DEVOID OF GRASS SHALL BE REPAIRED, RESEEDED AND MULCHED AND THE EROSION CONTROL BLANKET REINSTALLED.

**TABLE ECB-1: EROSION CONTROL BLANKET MATERIAL SPECIFICATIONS**

TYPE	COCONUT CONTENT	STRAW CONTENT	EXCELISOR CONTENT	RECOMMENDED NETTING
STRAW	-	100%	-	DOUBLE/NATURAL
STRAW-COCONUT	30% MIN.	70% MAX.	-	DOUBLE/NATURAL
COCONUT	100%	-	-	DOUBLE/NATURAL
EXCELISOR	-	-	100%	DOUBLE/NATURAL

**MAINTENANCE NOTES**

1. FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN CONTROL MEASURES IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.

2. ACCUMULATED SEDIMENT MUST BE REMOVED WHEN THE HEIGHT REACHES 2/3 OF THE DESIGN DEPTH OF THE INLET BARRIER.

3. STRAW BALES MUST REMAIN UNTIL THE UPSTREAM DISTURBANCE AREA IS STABILIZED.

4. PERMANENTLY STABILIZE AREA AROUND INLET AFTER STRAW BALES ARE REMOVED WHEN REMOVAL IS APPROPRIATE.

5. STRAW BALES SHALL BE REPLACED IF THEY BECOME HEAVILY SOILED, ROTTEN OR DAMAGED BEYOND REPAIR.

6. TWO (2) WOODEN STAKES SHALL BE USED TO HOLD EACH BALE IN PLACE. WOODEN STAKES SHALL BE 2"x2"x24" (MIN.), WOODEN STAKES SHALL BE DRIVEN A MINIMUM OF 6" INTO THE GROUND.

**IP-4**

STORMWATER ENTERPRISE APPROVED: [Signature] DATE: 10/7/19 DESIGNED: 10/7/2020 DRAWING NO. 900-0M-1

**STRAW BALE SUMP INLET PROTECTION PLAN**

**SECTION A-A'**

**MAINTENANCE NOTES**

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2. ACCUMULATED SEDIMENT MUST BE REMOVED WHEN THE HEIGHT REACHES 2/3 OF THE DESIGN DEPTH OF THE INLET BARRIER.

3. STRAW BALES MUST REMAIN UNTIL THE UPSTREAM DISTURBANCE AREA IS STABILIZED.

4. PERMANENTLY STABILIZE AREA AROUND INLET AFTER STRAW BALES ARE REMOVED WHEN REMOVAL IS APPROPRIATE.

5. STRAW BALES SHALL BE REPLACED IF THEY BECOME HEAVILY SOILED, ROTTEN OR DAMAGED BEYOND REPAIR.

**IP-4**

STORMWATER ENTERPRISE APPROVED: [Signature] DATE: 10/7/19 DESIGNED: 10/7/2020 DRAWING NO. 900-0M-1

**ROCK SOCK SECTION**

**ROCK SOCK PLAN**

**ROCK SOCK OVERLAP**

**GRADATION TABLE**

SIZE	MASS PERCENT PASSING SQUARE MESH SIZES
No. 4	100
2"	90-100
1 1/2"	10-50
1"	0-15
3/4"	0-5

**MAINTENANCE NOTES**

1. FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN CONTROL MEASURES IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.

2. ACCUMULATED SEDIMENT MUST BE REMOVED WHEN THE HEIGHT REACHES 2/3 OF THE DESIGN DEPTH OF THE INLET BARRIER.

3. STRAW BALES MUST REMAIN UNTIL THE UPSTREAM DISTURBANCE AREA IS STABILIZED.

4. PERMANENTLY STABILIZE AREA AROUND INLET AFTER STRAW BALES ARE REMOVED WHEN REMOVAL IS APPROPRIATE.

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**RS**

STORMWATER ENTERPRISE APPROVED: [Signature] DATE: 10/7/19 DESIGNED: 10/7/2020 DRAWING NO. 900-0M-1

**SEDIMENT CONTROL LOG**

**SECTION A-A'**

**SEDIMENT CONTROL LOG JOINTS**

**MAINTENANCE NOTES**

1. FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN CONTROL MEASURES IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.

2. ACCUMULATED SEDIMENT MUST BE REMOVED WHEN THE HEIGHT REACHES 2/3 OF THE HEIGHT OF THE SEDIMENT CONTROL LOG.

3. PERMANENTLY STABILIZE AREA AFTER SEDIMENT CONTROL LOGS HAVE BEEN REMOVED.

**SCL**

STORMWATER ENTERPRISE APPROVED: [Signature] DATE: 10/7/19 DESIGNED: 10/7/2020 DRAWING NO. 900-0M-1

ISSUE	DATE
INITIAL ISSUE	9/18/24

DESIGNED BY: TDM  
DRAWN BY: GES  
CHECKED BY: TDM  
FILE NAME: 21820-01DT3

PREPARED UNDER MY DIRECT SUPERVISION FOR AND BEHALF OF DREXEL, BARRELL & CO.

DRAWING SCALE:  
HORIZONTAL: N/A  
VERTICAL: N/A

**EROSION CONTROL DETAILS**

PROJECT NO. 21820-01CSCV  
DRAWING NO.

**DT-1**

SHEET: 7 OF 13

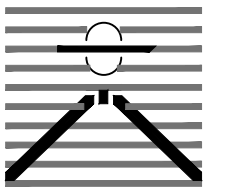




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Engineers • Surveyors  
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GRADING & EROSION CONTROL PLANS FOR:

LATIGO TRAILS

FILING NO. 10

EL PASO COUNTY  
FALCON, COLORADO

**SILT FENCE**

**J-HOOK INSTALLATION**

**SECTION A-A'**

**INSTALLATION NOTES**

- SILT FENCE MUST BE PLACED ON A FLAT SURFACE 2'-5' AWAY FROM TREE OF THE SLOPE TO ALLOW FOR PONDING AND DEPOSITION.
- COMPACT THE TRENCH USING A JUMPING JACK OR WHEEL ROLLING TO THE POINT THAT THE FENCE RESISTS BEING PULLED OUT OF THE GROUND BY HAND.
- SILT FENCE SHALL BE TAUT WITH NO SAGS AFTER IT HAS BEEN ANCHORED.
- FABRIC SHALL BE ATTACHED TO POSTS WITH 1" HEAVY DUTY STAPLES OR 1" NAILS. THESE SHOULD BE PLACED VERTICALLY DOWN THE POST, 1" APART.
- THE PREFERRED INSTALLATION METHOD USES A TRENCHER OR SILT FENCE INSTALLATION DEVICE.
- INSTALL SILT FENCE ALONG THE CONTOUR OF THE SLOPES OR IN A MANNER TO AVOID CREATING CONCENTRATED FLOW (SUCH AS A "J-HOOK" INSTALLATION).

**MAINTENANCE NOTES**

- FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN CONTROL MEASURES IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
- ACCUMULATED SEDIMENT MUST BE REMOVED WHEN THE HEIGHT REACHES 3/4 OF THE DESIGN HEIGHT OF THE SILT FENCE.
- SILT FENCE MUST REMAIN UNTIL THE UPSTREAM DISTURBANCE AREA IS STABILIZED.
- PERMANENTLY STABILIZE AREA AFTER SILT FENCE IS REMOVED.

**STORMWATER ENTERPRISE**

**SILT FENCE**

DESIGNED BY: DEPT. ENGINEER  
DATE: 10/7/19  
REVISION: 6/19/2020  
DRAWING NO: 900-19

**SEEDING & MULCHING**

ALL SOIL TESTING, SOILS AMENDMENT AND FERTILIZER DOCUMENTATION, AND SEED LOAD AND BAG TICKETS MUST BE ADDED TO THE CSMP.

**SOIL PREPARATION**

- IN AREAS TO BE SEED, THE UPPER 6 INCHES OF THE SOIL MUST NOT BE HEAVILY COMPACTED, AND SHOULD BE IN FRABLE CONDITION. LESS THAN REE STANDARD PROCTOR DENSITY IS ACCEPTABLE. AREAS OF COMPACTED OR GENERAL CONSTRUCTION ACTIVITY MUST BE SCARIFIED TO A DEPTH OF 6 TO 12 INCHES PRIOR TO SPREADING TOPSOIL TO BREAK UP COMPACTED LAYERS AND PROVIDE A BLENDING ZONE BETWEEN DIFFERENT SOIL LAYERS.
- AREAS TO BE PLANTED SHALL HAVE AT LEAST 4 INCHES OF TOPSOIL SUITABLE TO SUPPORT PLANT GROWTH.
- THE CITY RECOMMENDS THAT EXISTING AND/OR IMPORTED TOPSOIL BE TESTED TO IDENTIFY SOIL DEFICIENCIES AND ANY SOIL AMENDMENTS NECESSARY TO ADDRESS THESE DEFICIENCIES. SOIL AMENDMENTS AND/OR FERTILIZERS SHOULD BE ADDED TO CORRECT TOPSOIL DEFICIENCIES BASED ON SOIL TESTING RESULTS.
- TOPSOIL SHALL BE PROTECTED DURING THE CONSTRUCTION PERIOD TO RETAIN ITS STRUCTURE AVOID COMPACTED, AND TO PREVENT EROSION AND CONTAMINATION. STRIPPED TOPSOIL MUST BE STORED IN AN AREA AWAY FROM MACHINERY AND CONSTRUCTION OPERATIONS, AND CARE MUST BE TAKEN TO PROTECT THE TOPSOIL AS A VALUABLE COMMODITY. TOPSOIL MUST NOT BE STRIPPED DURING UNDESIRABLE WORKING CONDITIONS (E.G. DURING WET WEATHER OR WHEN SOILS ARE SATURATED). TOPSOIL SHALL NOT BE STORED IN SWALES OR IN AREAS WITH POOR DRAINAGE.

**SEEDING**

- ALLOWABLE SEED MIXES ARE INCLUDED IN THE CITY OF COLORADO SPRINGS STORMWATER CONSTRUCTION MANUAL. ALTERNATE SEED MIXES ARE ACCEPTABLE IF INCLUDED IN AN APPROVED LANDSCAPING PLAN.
- SEED SHOULD BE DRILL-SEED WHENEVER POSSIBLE.
- SEED DEPTH MUST BE 3/4 TO 1 INCHES WHEN DRILL-SEEDING IS USED.
- BROADCAST SEEDING OR HYDRO-SEEDING WITH TACKIFIER MAY BE SUBSTITUTED ON SLOPES STEEPER THAN 3:1 OR IN OTHER AREAS NOT PRACTICAL TO DRILL-SEED.
- SEEDING RATES MUST BE DOUBLED FOR BROADCAST SEEDING OR INCREASED BY 50% IF USING A BRILLION DRILL OR HYDRO-SEEDING.
- BROADCAST SEEDING MUST BE LIGHTLY HAND-RAKED INTO THE SOIL.

**MULCHING**

- MULCHING SHOULD BE COMPLETED AS SOON AS PRACTICABLE AFTER SEEDING, HOWEVER PLANTED AREAS MUST BE MULCHED NO LATER THAN 14 DAYS AFTER PLANTING.
- MULCHING REQUIREMENTS INCLUDE:
  - MAY OR STRAW MULCH.
  - ONLY CERTIFIED WEED-FREE AND CERTIFIED SEED-FREE MULCH MAY BE USED. MULCH MUST BE APPLIED AT 2 TONS/ACRE AND ADEQUATELY SECURED BY CRIMPING AND/OR TACKIFIER.
  - CRIMPING MUST NOT BE USED ON SLOPES GREATER THAN 3:1 AND MULCH FIBERS MUST BE TUCKED INTO THE SOIL TO A DEPTH OF 3 TO 4 INCHES.
  - TACKIFIERS MUST BE USED IN PLACE OF CRIMPING ON SLOPES STEEPER THAN 3:1.
- HYDRAULIC MULCHING**
  - HYDRAULIC MULCHING IS AN OPTION ON STEEP SLOPES OR WHERE ACCESS IS LIMITED.
  - IF HYDRO-SEEDING IS USED, MULCHING MUST BE APPLIED AS A SEPARATE SECOND OPERATION.
  - WOOD CELLULOSE FIBERS MIXED WITH WATER MUST BE APPLIED AT A RATE OF 2,000 TO 2,500 POUNDS/ACRE, AND TACKIFIER MUST BE APPLIED AT A RATE OF 100 POUNDS/ACRE.
  - EROSION CONTROL BLANKET MAY BE USED IN PLACE OF TRADITIONAL MULCHING METHODS.

**STORMWATER ENTERPRISE**

**SEEDING & MULCHING**

DESIGNED BY: DEPT. ENGINEER  
DATE: 10/7/19  
REVISION: 6/19/2020  
DRAWING NO: 900-19

**STOCKPILE PROTECTION PLAN**

**STOCKPILE PROTECTION ELEVATION**

**INSTALLATION NOTES**

- INSTALL PERIMETER CONTROL AROUND STOCKPILE ON DOWNGRADIENT SIDE. PERIMETER CONTROL MUST BE SUITABLE TO SITE CONDITIONS AND INSTALLED ACCORDING TO THE RELEVANT DETAIL.
- FOR STOCKPILES ON THE INTERIOR PORTION OF A CONSTRUCTION SITE, WHERE OTHER DOWNGRADIENT CONTROLS INCLUDING PERIMETER CONTROL ARE IN PLACE, STOCKPILE PERIMETER CONTROLS MAY NOT BE REQUIRED.

**MAINTENANCE NOTES**

- FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN CONTROL MEASURES IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
- IF PERIMETER CONTROLS MUST BE MOVED TO ACCESS STOCKPILE, REPLACE PERIMETER CONTROLS BY THE END OF THE WORK DAY.
- ACCUMULATED SEDIMENT MUST BE REMOVED ACCORDING TO PERIMETER CONTROL DETAIL.

**STORMWATER ENTERPRISE**

**STOCKPILE PROTECTION**

DESIGNED BY: DEPT. ENGINEER  
DATE: 10/7/19  
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DRAWING NO: 900-19

**TEMPORARY COMPACTED BERM**

**INSTALLATION NOTES**

- COMPACTED BERM MUST BE A MINIMUM HEIGHT OF ONE FOOT. BASE WIDTH IS DETERMINED BY HEIGHT.
- COMPACTED BERMS MUST BE ADEQUATELY COMPACTED. NOT ALL SOILS ARE SUITABLE FOR COMPACTED BERMS.
- INSTALL COMPACTED BERMS ALONG CONTOUR. DO NOT INSTALL PERPENDICULAR TO SLOPE.
- THE MAXIMUM TRIBUTARY DRAINAGE AREA PER 100 LINEAR FEET OF COMPACTED BERMS SHALL BE 1/4 ACRE.

**MAINTENANCE NOTES**

- FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN CONTROL MEASURES IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
- ACCUMULATED SEDIMENT MUST BE REMOVED WHEN THE HEIGHT REACHES 3/4 OF THE DESIGN DEPTH OF THE BERM.

**STORMWATER ENTERPRISE**

**TEMPORARY COMPACTED BERM**

DESIGNED BY: DEPT. ENGINEER  
DATE: 10/7/19  
REVISION: 6/19/2020  
DRAWING NO: 900-19

**SEDIMENT BASIN PLAN**

**SECTION A-A'**

**SECTION B-B'**

**INSTALLATION NOTES**

- FOR STANDARD BASIN, BOTTOM DIMENSION MAY BE MODIFIED AS LONG AS BOTTOM AREA IS NOT REDUCED.
- EMBANKMENT MATERIAL SHALL CONSIST OF SOIL FREE OF DEBRIS, ORGANIC MATERIAL, AND ROCKS OR CONCRETE GREATER THAN 3 INCHES, AND SHALL HAVE A MINIMUM OF 95 PERCENT EFFECTIVENESS, TYPICALLY WHEN SEDIMENT DEPTH REACHES ONE FOOT (I.E. TWO FEET BELOW SPILLWAY CREST).
- SEDIMENT BASINS ARE TO REMAIN IN PLACE UNTIL THE UPSTREAM DISTURBED AREA IS PERMANENTLY STABILIZED.
- PERMANENTLY STABILIZE AREA AFTER SEDIMENT BASIN REMOVAL.

**MAINTENANCE NOTES**

- FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN CONTROL MEASURES IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
- SEDIMENT ACCUMULATED IN BASIN SHALL BE REMOVED AS NEEDED TO MAINTAIN CONTROL MEASURES IN EFFECTIVENESS, TYPICALLY WHEN SEDIMENT DEPTH REACHES ONE FOOT (I.E. TWO FEET BELOW SPILLWAY CREST).
- SEDIMENT BASINS ARE TO REMAIN IN PLACE UNTIL THE UPSTREAM DISTURBED AREA IS PERMANENTLY STABILIZED.
- PERMANENTLY STABILIZE AREA AFTER VEHICLE TRACKING CONTROL REMOVAL.

**STORMWATER ENTERPRISE**

**TEMPORARY SEDIMENT BASIN**

DESIGNED BY: DEPT. ENGINEER  
DATE: 10/7/19  
REVISION: 6/19/2020  
DRAWING NO: 900-TB-1

**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 (L), (FT)	PILE DIAMETER (HD), (IN)
1	129'	2	3/4"
2	21	2	3/4"
3	28	5	3/4"
4	33	5	3/4"
5	38	8	3/4"
6	43	8	3/4"
7	47	11	3/4"
8	51	12	3/4"
9	55	13	3/4"
10	58	15	3/4"
11	61	16	3/4"
12	64	18	3/4"
13	67	19	1 1/4"
14	70	21	1 1/4"
15	73	22	1 1/4"

**INSTALLATION NOTES**

- FOR STANDARD BASIN, BOTTOM DIMENSION MAY BE MODIFIED AS LONG AS BOTTOM AREA IS NOT REDUCED.
- EMBANKMENT MATERIAL SHALL CONSIST OF SOIL FREE OF DEBRIS, ORGANIC MATERIAL, AND ROCKS OR CONCRETE GREATER THAN 3 INCHES, AND SHALL HAVE A MINIMUM OF 95 PERCENT EFFECTIVENESS, TYPICALLY WHEN SEDIMENT DEPTH REACHES ONE FOOT (I.E. TWO FEET BELOW SPILLWAY CREST).
- SEDIMENT BASINS ARE TO REMAIN IN PLACE UNTIL THE UPSTREAM DISTURBED AREA IS PERMANENTLY STABILIZED.
- PERMANENTLY STABILIZE AREA AFTER SEDIMENT BASIN REMOVAL.

**MAINTENANCE NOTES**

- FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN CONTROL MEASURES IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
- SEDIMENT ACCUMULATED IN BASIN SHALL BE REMOVED AS NEEDED TO MAINTAIN CONTROL MEASURES IN EFFECTIVENESS, TYPICALLY WHEN SEDIMENT DEPTH REACHES ONE FOOT (I.E. TWO FEET BELOW SPILLWAY CREST).
- SEDIMENT BASINS ARE TO REMAIN IN PLACE UNTIL THE UPSTREAM DISTURBED AREA IS PERMANENTLY STABILIZED.
- PERMANENTLY STABILIZE AREA AFTER VEHICLE TRACKING CONTROL REMOVAL.

**STORMWATER ENTERPRISE**

**TEMPORARY SEDIMENT BASIN**

DESIGNED BY: DEPT. ENGINEER  
DATE: 10/7/19  
REVISION: 6/19/2020  
DRAWING NO: 900-TB-2

**AGGREGATE VEHICLE TRACKING CONTROL**

**SECTION A-A'**

**INSTALLATION NOTES**

- A STABILIZED CONSTRUCTION ENTRANCE/EXIT SHOULD BE LOCATED AT ALL POINTS WHERE VEHICLES EXIT THE CONSTRUCTION SITE TO ADJACENT ROADWAY.
- STABILIZED CONSTRUCTION ENTRANCE/EXITS SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBING ACTIVITIES.
- RADIUS MUST BE ADEQUATE FOR INTENDED CONSTRUCTION VEHICLE TURNING.
- ROCK SHOULD CONSIST OF 6" MINUS ROCK.
- INSTALL CONSTRUCTION FENCE ON BOTH SIDES OF VEHICLE TRACKING CONTROL PAD WHEN NEEDED OR REQUIRED BY INSPECTOR.

**MAINTENANCE NOTES**

- FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN CONTROL MEASURES IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
- STABILIZED CONSTRUCTION ENTRANCE/EXITS SHALL BE REMOVED DAILY BY SWEEPING OR SHOVELING, AND NEVER WASHED DOWN STORM DRAINS.
- ROUGHEN, REPLACE AND/OR ADD ROCK AS NEEDED TO MAINTAIN CONSISTENT DEPTH AND TO PREVENT SEDIMENT TRACKING ONTO ADJACENT STREET.
- PERMANENTLY STABILIZE AREA AFTER VEHICLE TRACKING CONTROL IS REMOVED.

**STORMWATER ENTERPRISE**

**VEHICLE TRACKING CONTROL**

DESIGNED BY: DEPT. ENGINEER  
DATE: 10/7/19  
REVISION: 6/19/2020  
DRAWING NO: 900-VTC

ISSUE	DATE
INITIAL ISSUE	9/18/24

DESIGNED BY: TDM  
DRAWN BY: GES  
CHECKED BY: TDM  
FILE NAME: 21820-01DT3

PREPARED UNDER MY DIRECT SUPERVISION FOR AND BEHALF OF DREXEL, BARRELL & CO.

DRAWING SCALE:  
HORIZONTAL: N/A  
VERTICAL: N/A

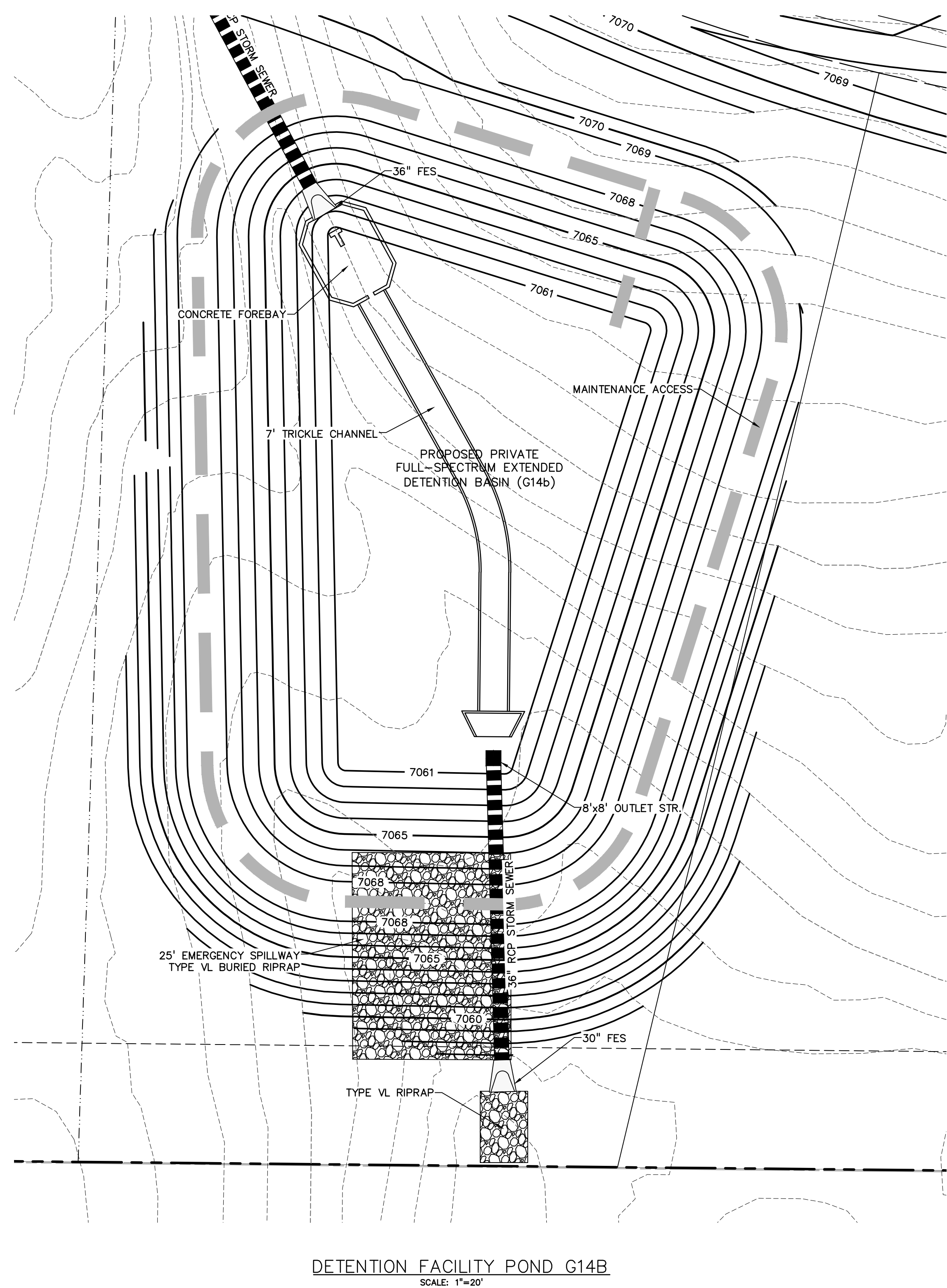
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PROJECT NO. 21820-01CSCV  
DRAWING NO.

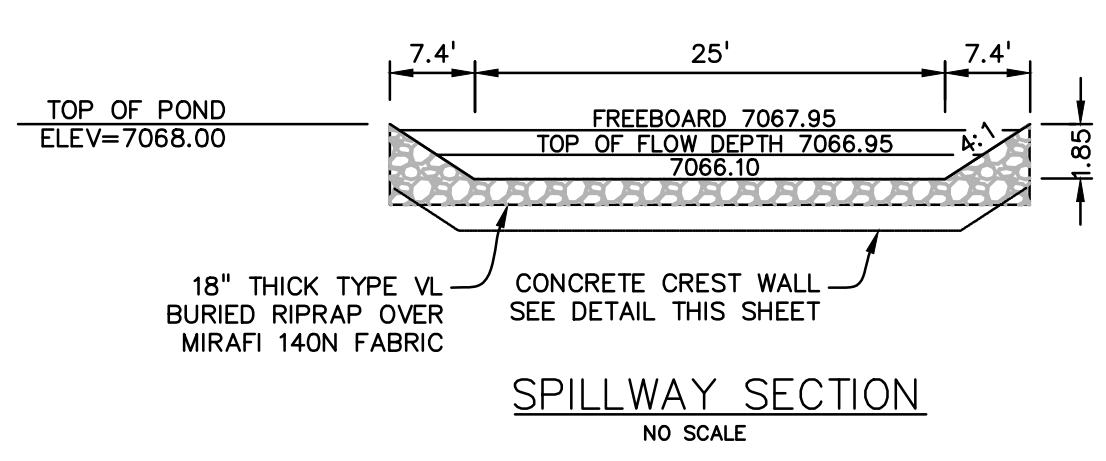
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SHEET: 8 OF 13

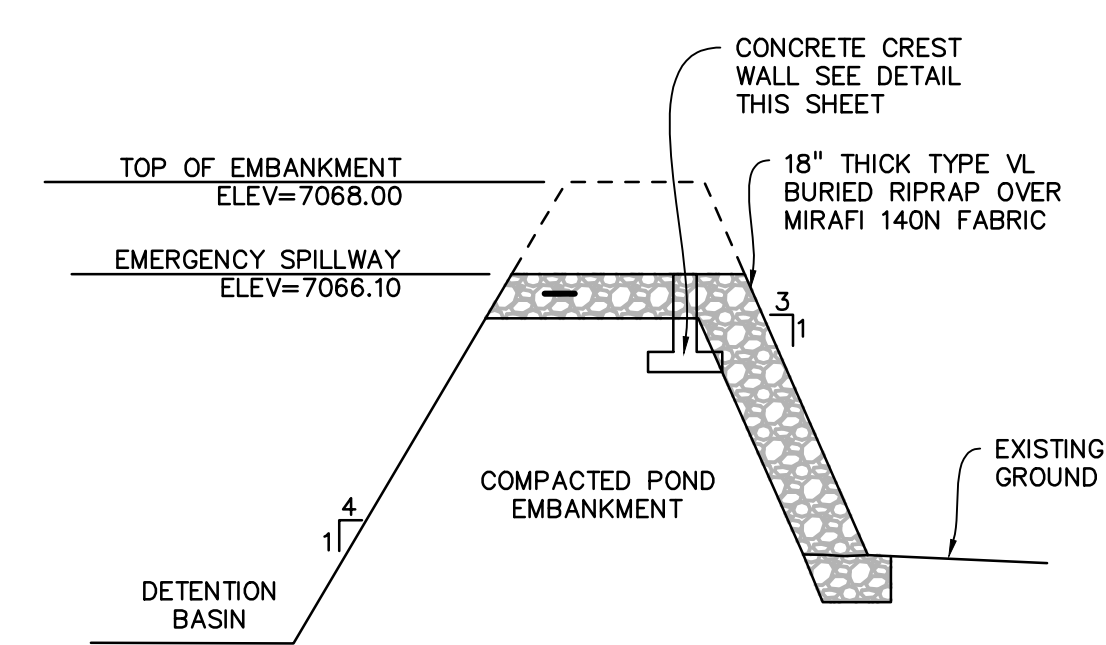




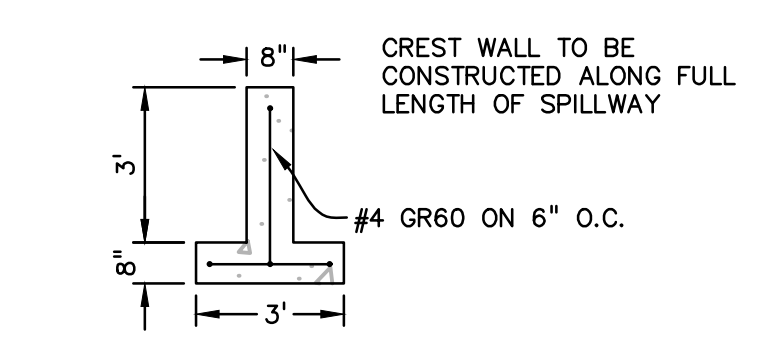
DETENTION FACILITY POND G14B  
SCALE: 1"=20'



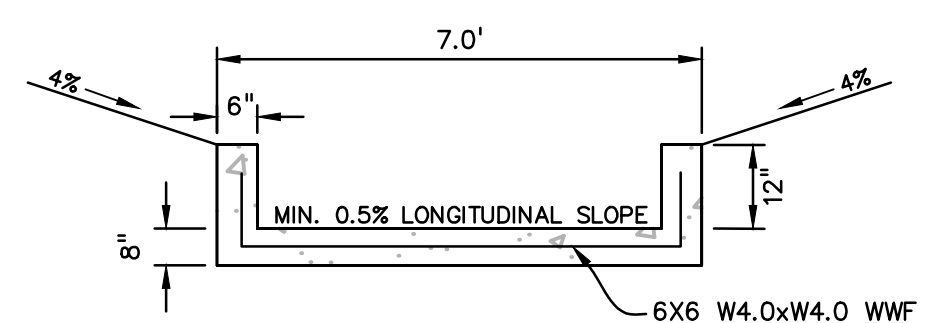
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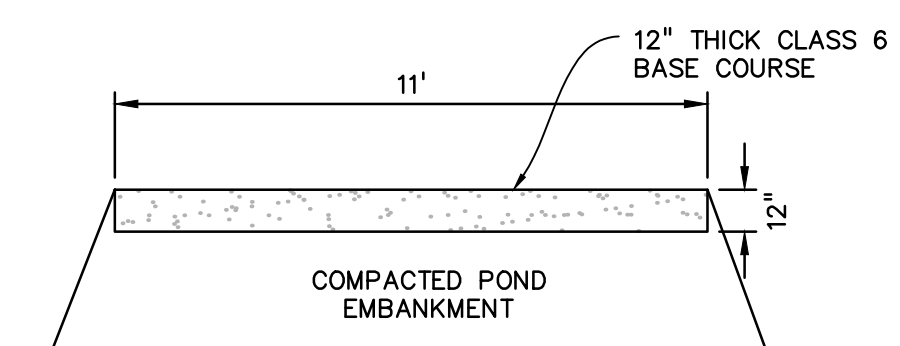
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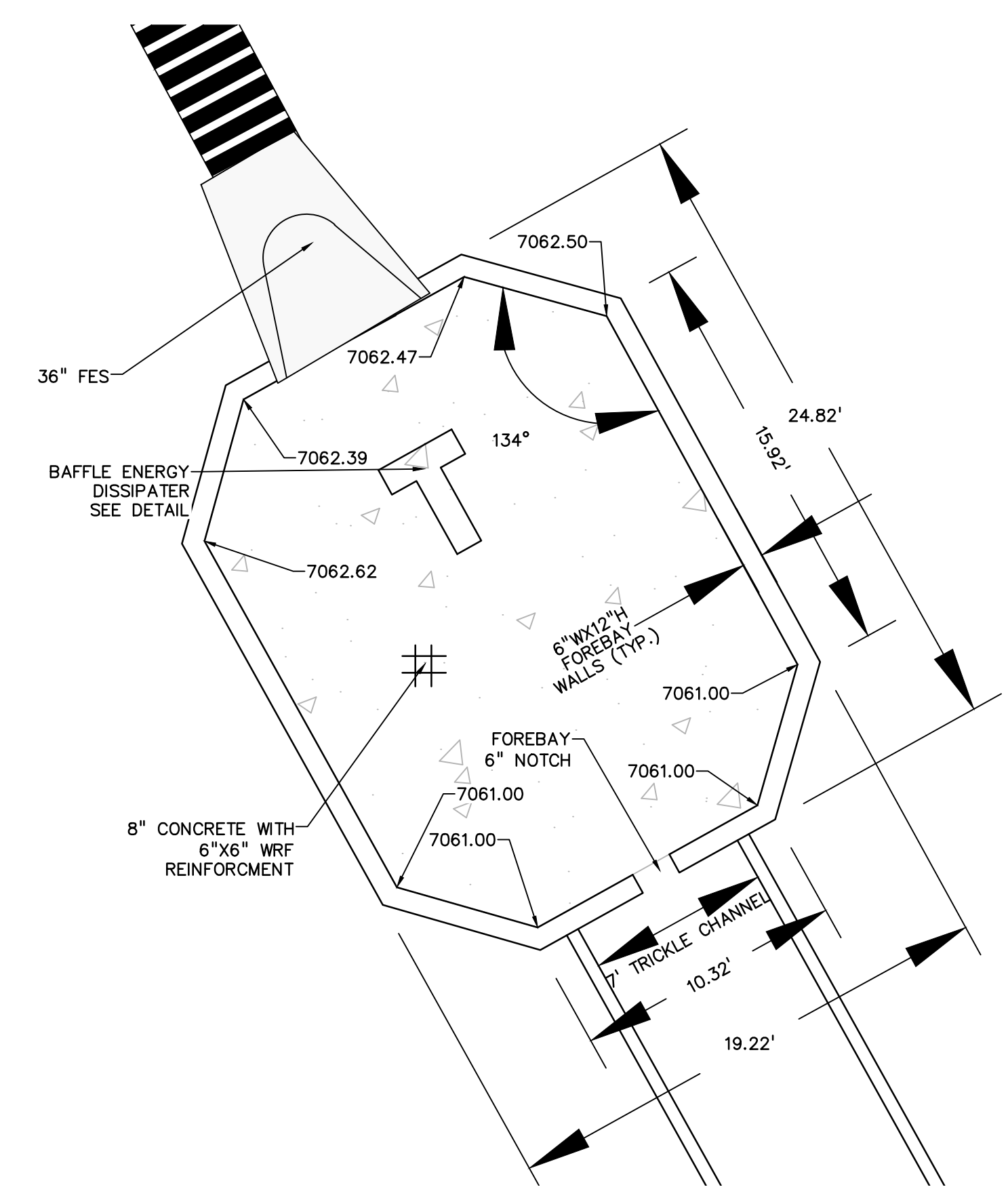
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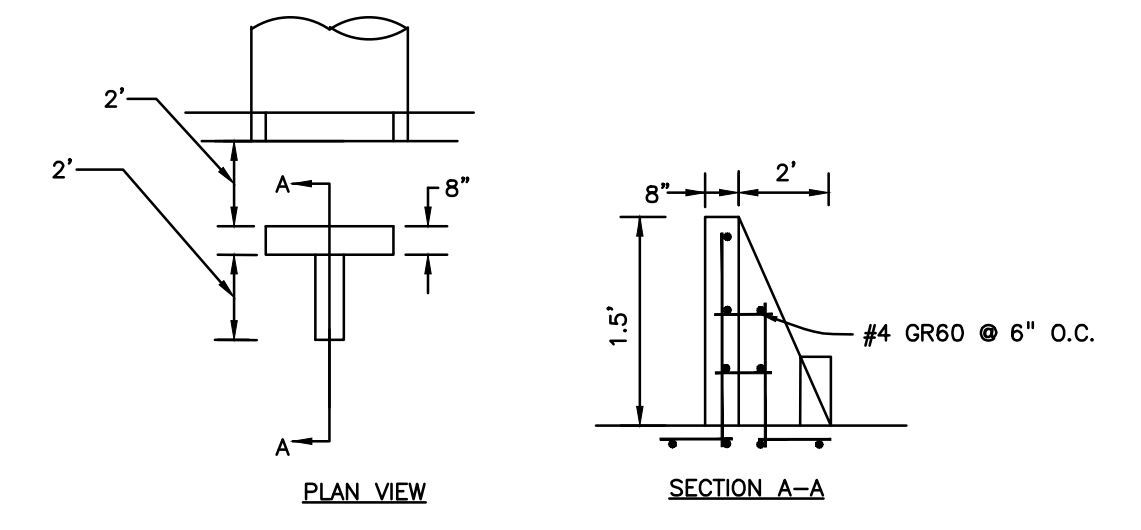
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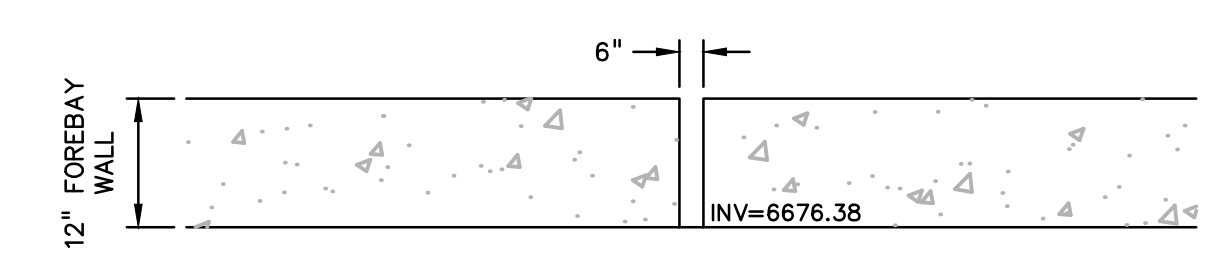
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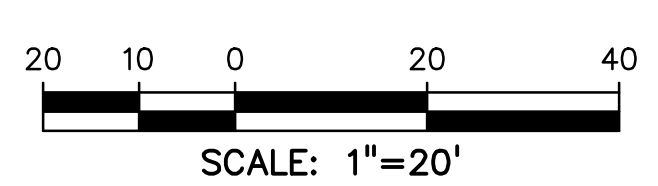
POND G14B FOREBAY  
SCALE: 1"=5'



FOREBAY BAFFLE ENERGY DISSIPATORS  
NO SCALE



FOREBAY NOTCH  
NO SCALE



PREPARED BY:  
  
DREXEL, BARRELL & CO.  
Engineers-Surveyors  
101 SAHWATCH ST. #100  
COLORADO SPGS, COLORADO 80903  
CONTACT: TIM D. MCCONNELL, P.E.  
(719)260-0887  
COLORADO SPRINGS • LAFAYETTE

CLIENT:  
  
FALCON LATIGO, LLC  
5350 S. ROSLYN ST. STE #400  
ENGLEWOOD, CO 80111-2125  
(303) 694-0862

GRADING & EROSION CONTROL PLANS FOR:  
**LATIGO TRAILS  
FILING NO. 10**  
EL PASO COUNTY  
FALCON, COLORADO

ISSUE	DATE
INITIAL ISSUE	9/18/24
DESIGNED BY:	SBN
DRAWN BY:	SBN
CHECKED BY:	KGV
FILE NAME:	21820-01PD

PREPARED UNDER MY DIRECT SUPERVISION FOR AND BEHALF OF DREXEL, BARRELL & CO.

DRAWING SCALE:  
HORIZONTAL: 1" = 20'  
VERTICAL: N/A

POND G14b  
DETAILS

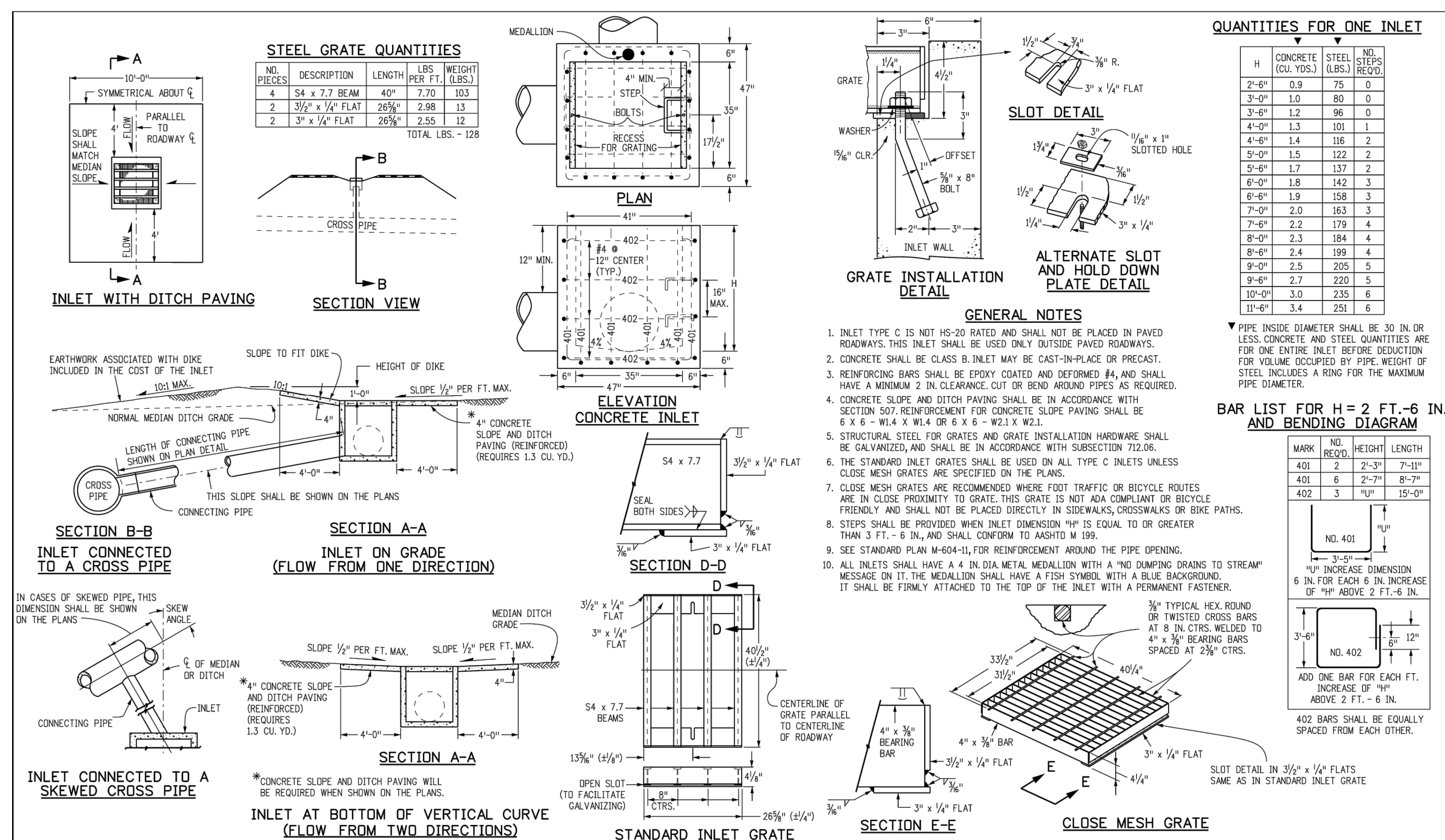
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DRAWING NO.

**PD1**

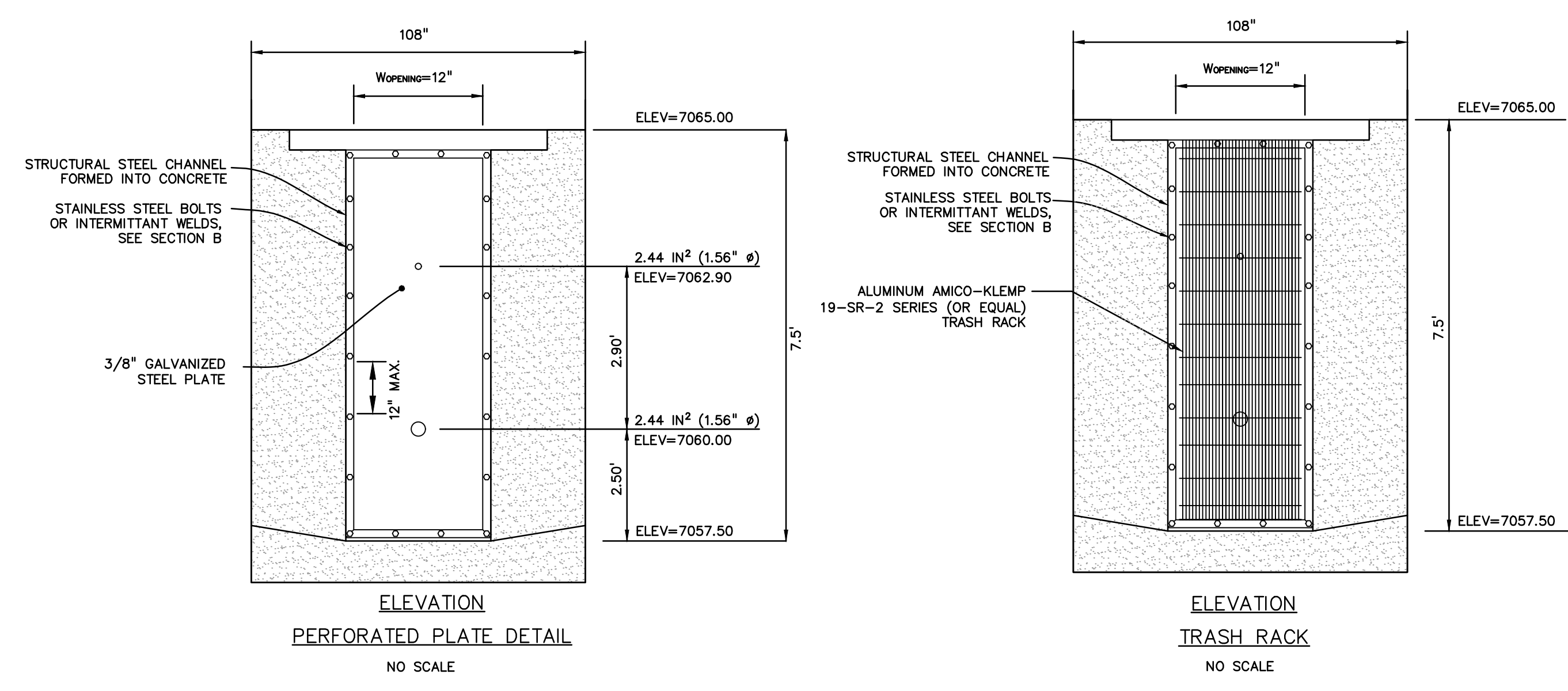
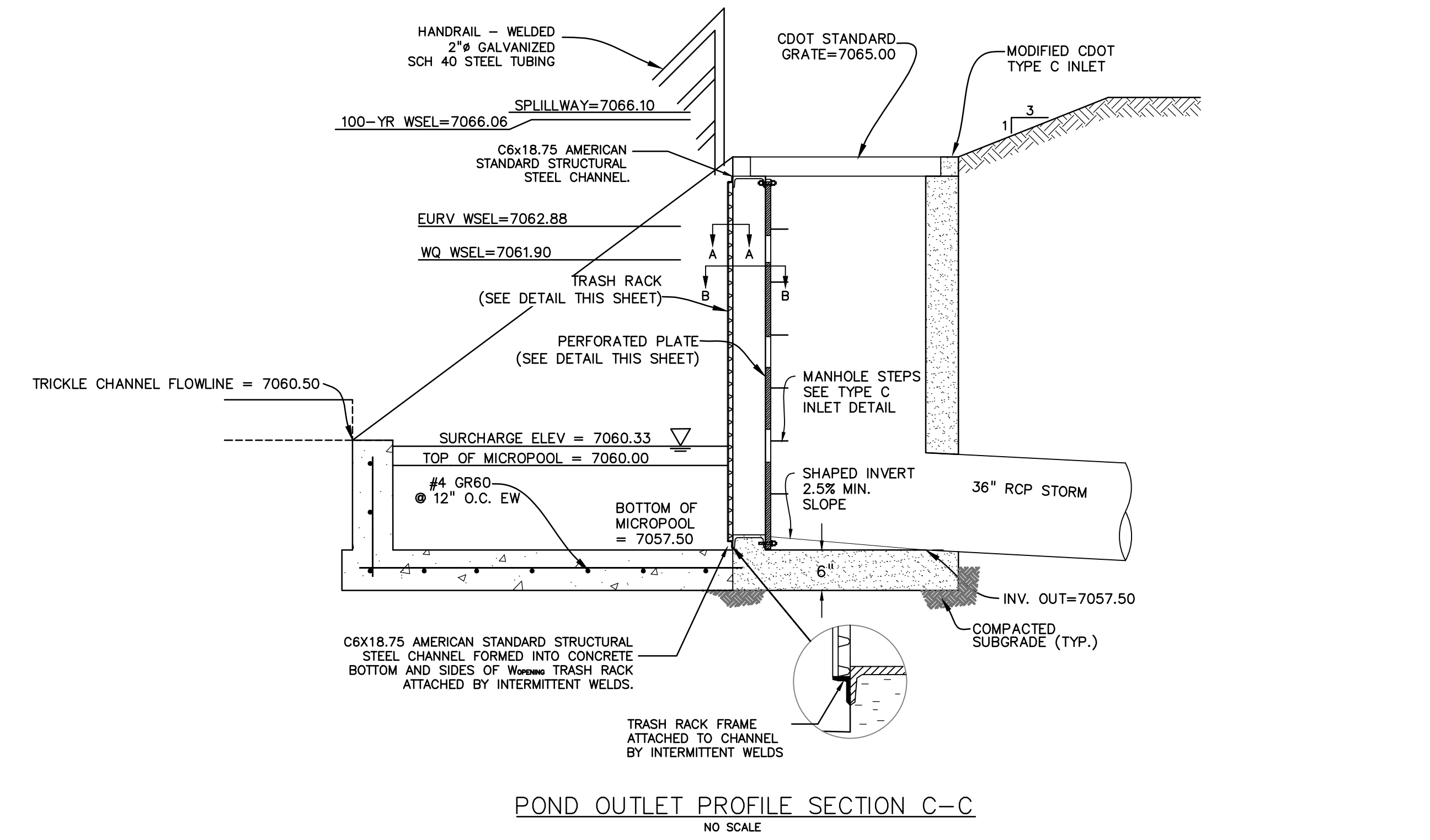
SHEET: 8 OF 13

**811** Know what's below.  
Call before you dig.  
CALL 3-BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES.

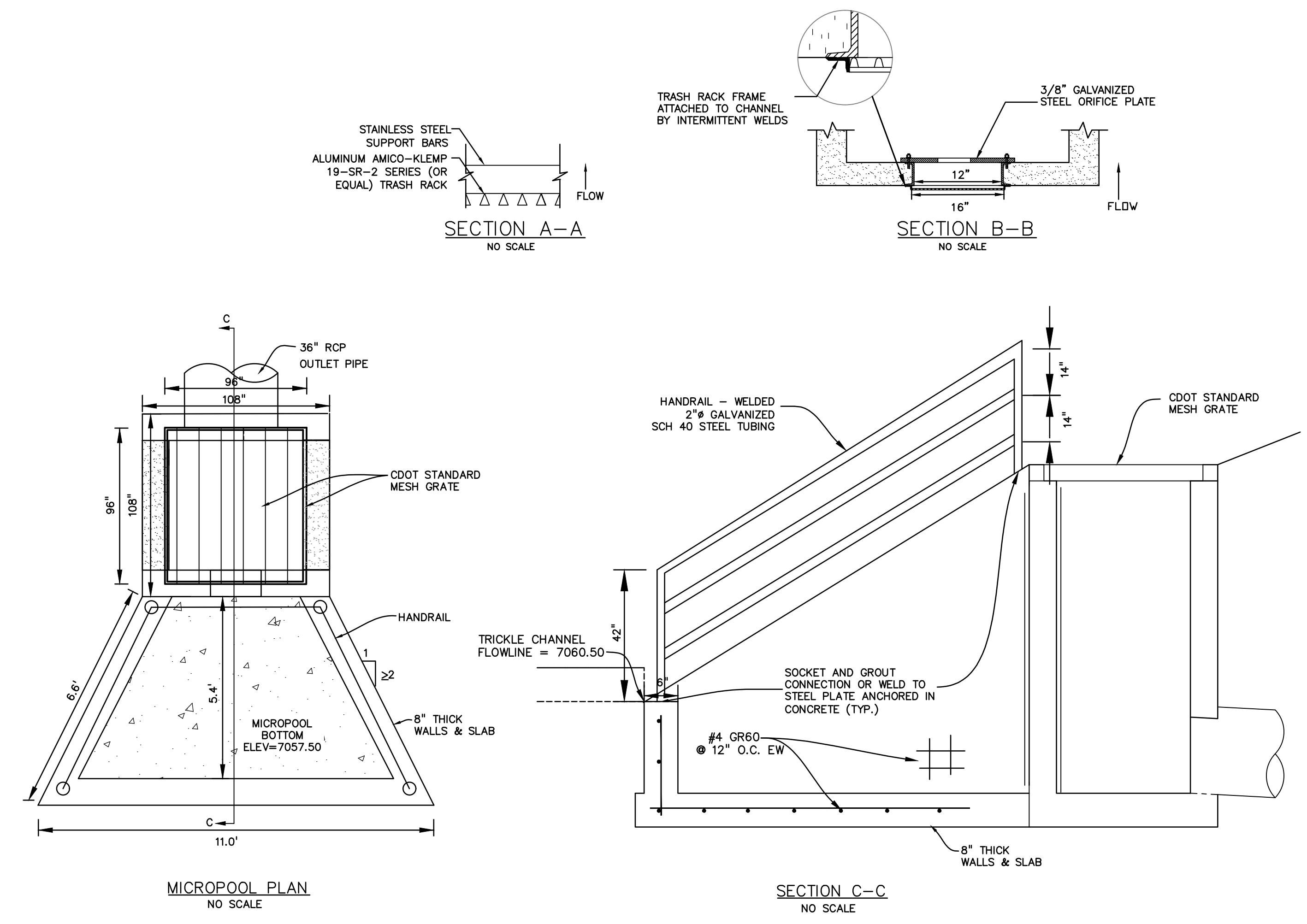




Computer File Information		Sheet Revisions		Colorado Department of Transportation 400 East Arkansas Avenue Denver, Colorado 80202 Phone: (303) 757-8083 Fax: (303) 757-8820 Project Development Branch DD/LTA	INLET, TYPE C	STANDARD PLAN NO.
Creation Date: 07/04/12	Initials: DD	Date:	Comments:		M-604-10	
Last Modification Date: 07/04/12	Initials: LTA					
Drawing File Name: 004010001.dgn CAB Ver: MeraStation V8 Scale: Not to Scale Units: English				Project Development Branch DD/LTA Issued By: Project Development Branch July 4, 2012	Sheet No. 1 of 1	



- PERFORATED PLATE NOTES:**
- PROVIDE GASKET MATERIAL OR GROUT BETWEEN THE ORIFICE PLATE AND CONCRETE.
  - BOLT PLATE TO CONCRETE @ 12" MAX. ON CENTER. ORIFICE PLATE IS TO BE REMOVABLE.
  - ALL STEEL SURFACES ARE TO BE COATED WITH ZRC COLD GALVANIZING COMPOUND.
- WOCV TRASH RACKS:**
- TRASH RACKS SHALL BE STAINLESS STEEL OR ALUMINUM AND SHALL BE ATTACHED BY INTERMITTENT WELDS ALONG THE EDGE OF THE MOUNTING FRAME.
- GENERAL NOTES:**
- ALL EXTERIOR STEEL SHALL BE EITHER STAINLESS OR HOT DIPPED GALVANIZED



PREPARED BY:  
  
**DREXEL, BARRELL & CO.**  
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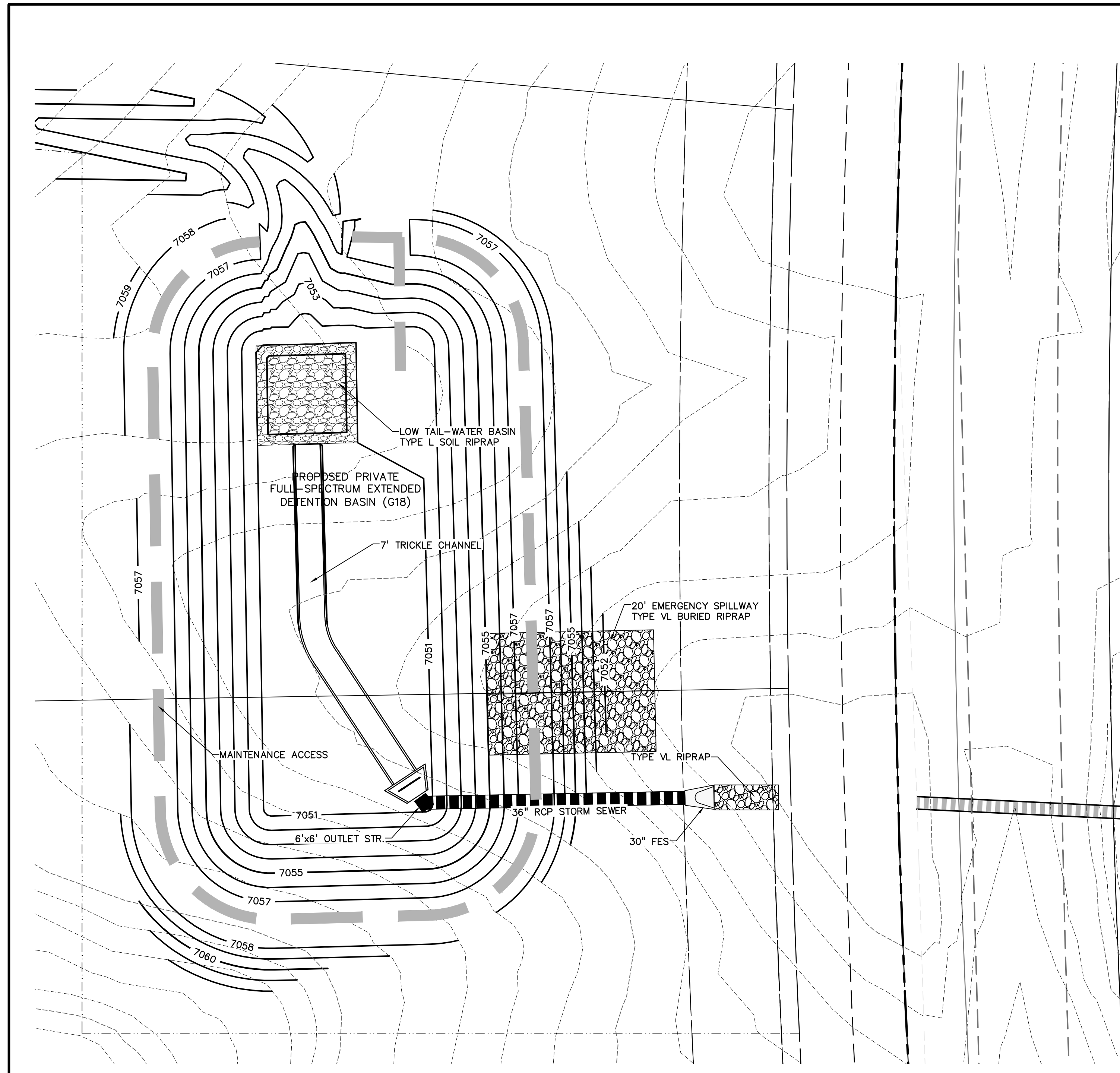
DESIGNED BY: SBN  
DRAWN BY: SBN  
CHECKED BY: TDM  
FILE NAME: 21820-01OUT

PREPARED UNDER MY DIRECT SUPERVISION FOR AND BEHALF OF DREXEL, BARRELL & CO.  
  
DRAWING SCALE:  
HORIZONTAL: N/A  
VERTICAL: N/A

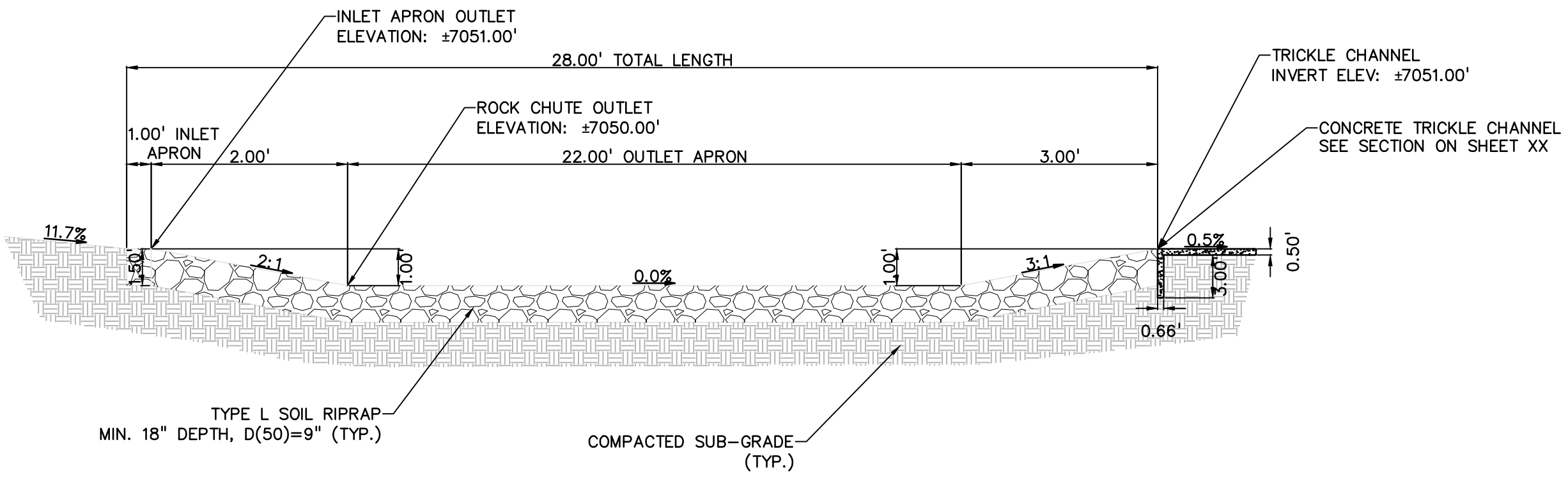
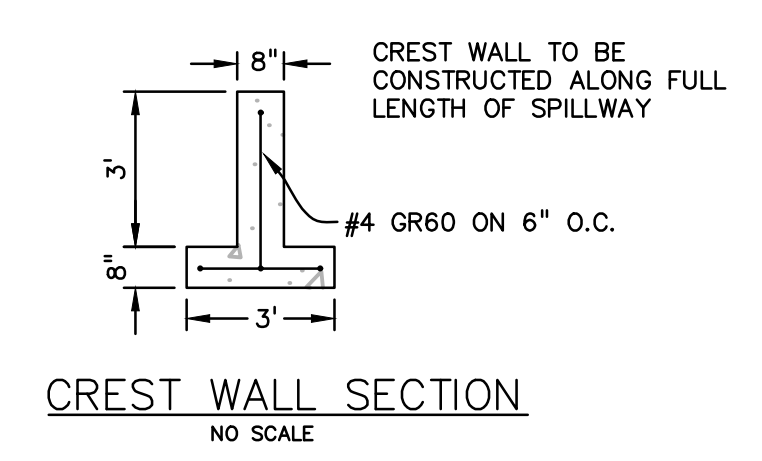
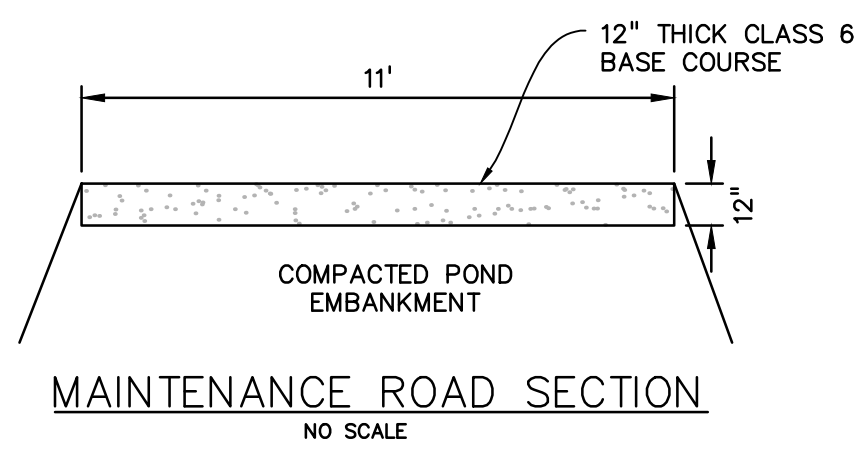
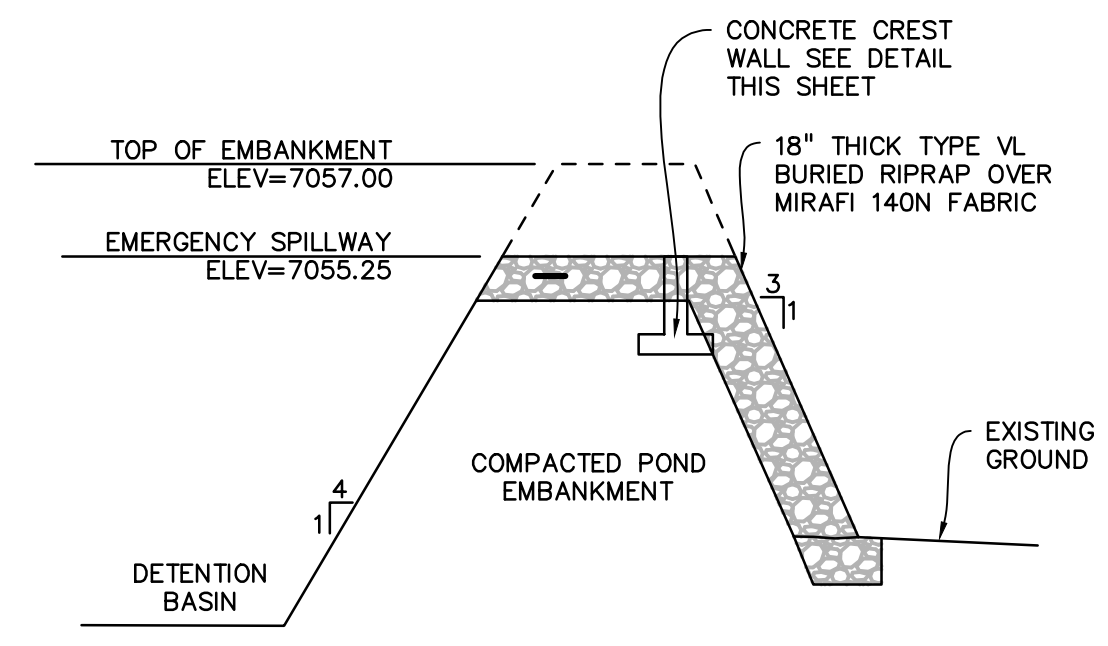
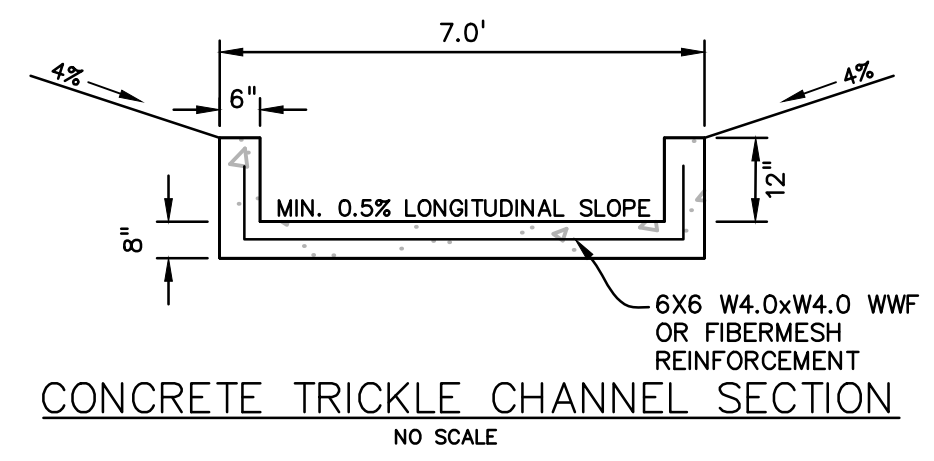
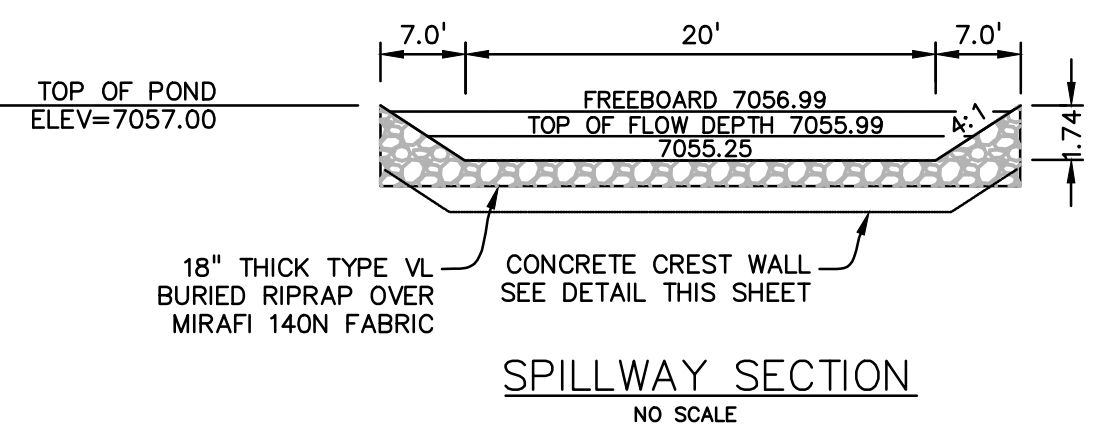
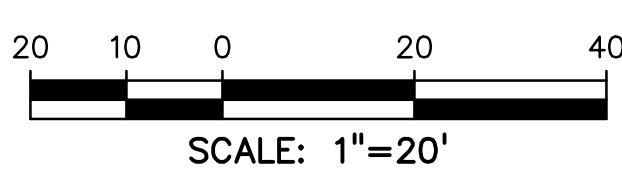
**POND G14b**  
OUTLET  
STRUCTURE  
PROJECT NO. 21820-01CSCV  
DRAWING NO.

**OUT1**  
SHEET: 10 OF 13





DETENTION FACILITY POND G18  
SCALE: 1"=20'



PREPARED BY:  
  
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GRADING & EROSION CONTROL PLANS FOR:  
**LATIGO TRAILS**  
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EL PASO COUNTY  
FALCON, COLORADO

ISSUE	DATE
INITIAL ISSUE	9/18/24
DESIGNED BY:	SBN
DRAWN BY:	SBN
CHECKED BY:	KGV
FILE NAME:	21820-01PD

PREPARED UNDER MY DIRECT SUPERVISION FOR AND BEHALF OF DREXEL, BARRELL & CO.

DRAWING SCALE:  
HORIZONTAL: 1" = 20'  
VERTICAL: N/A

POND G18  
DETAILS

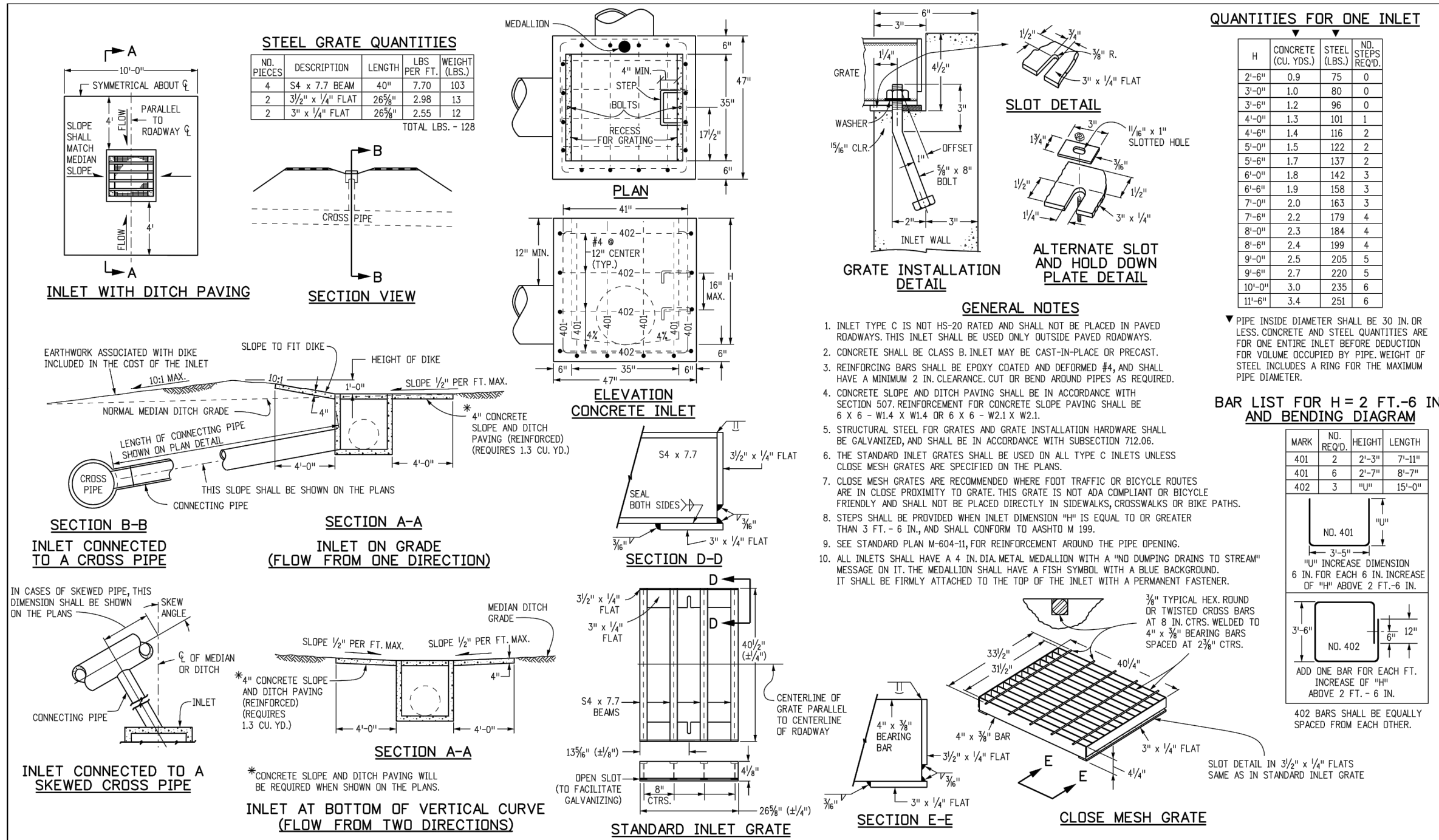
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DRAWING NO.

**PD2**

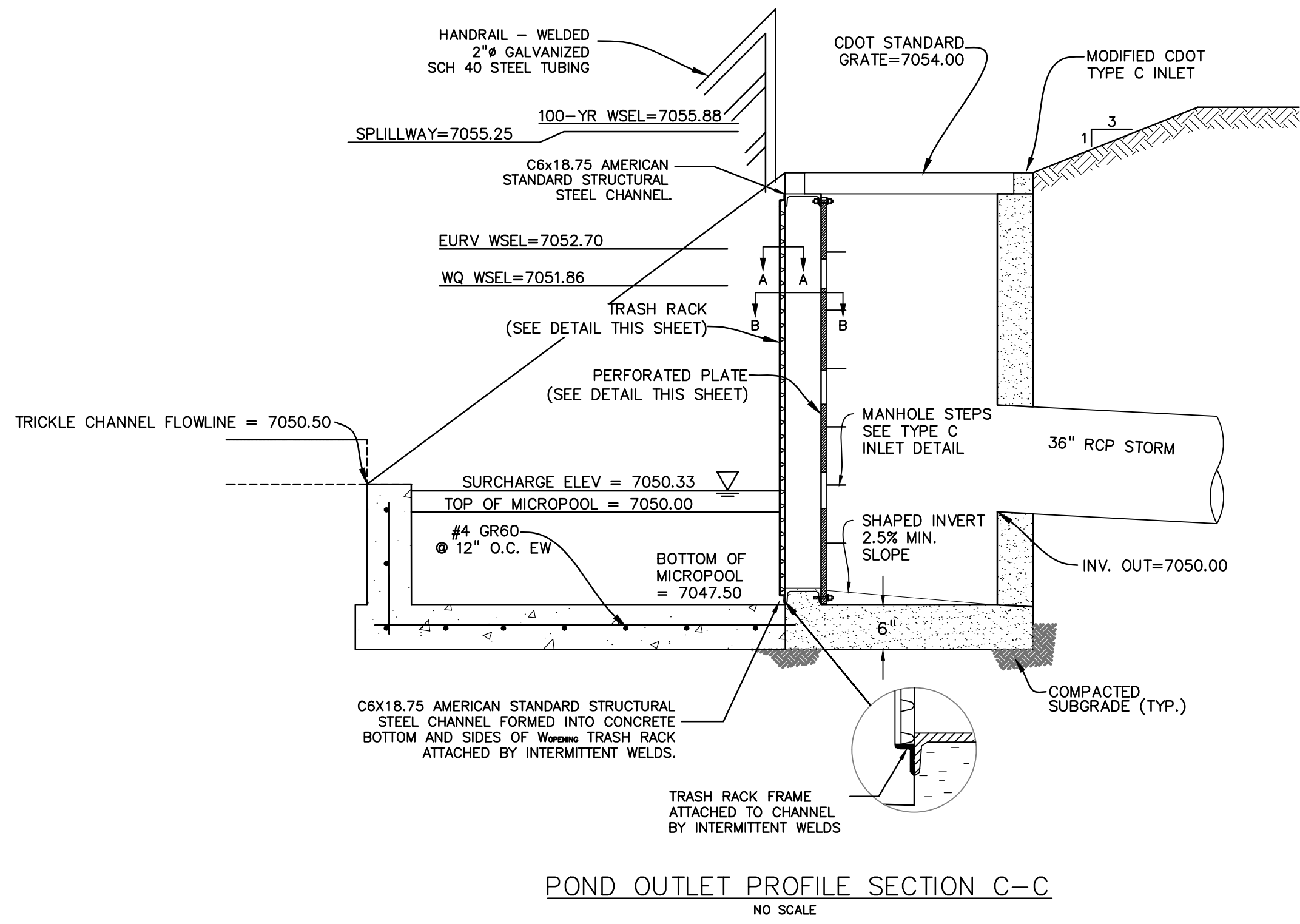
SHEET: 10 OF 13

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CALL 3-BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES.





H	CONCRETE (CU YDS)	STEEL (LBS.)	NO. STEPS
2'-0"	0.9	75	0
3'-0"	1.8	150	0
4'-0"	2.7	225	0
5'-0"	3.6	300	1
6'-0"	4.5	375	2
7'-0"	5.4	450	3
8'-0"	6.3	525	4
9'-0"	7.2	600	5
10'-0"	8.1	675	6
11'-0"	9.0	750	7
12'-0"	9.9	825	8
13'-0"	10.8	900	9
14'-0"	11.7	975	10
15'-0"	12.6	1050	11
16'-0"	13.5	1125	12
17'-0"	14.4	1200	13
18'-0"	15.3	1275	14
19'-0"	16.2	1350	15
20'-0"	17.1	1425	16
21'-0"	18.0	1500	17
22'-0"	18.9	1575	18
23'-0"	19.8	1650	19
24'-0"	20.7	1725	20
25'-0"	21.6	1800	21
26'-0"	22.5	1875	22
27'-0"	23.4	1950	23
28'-0"	24.3	2025	24
29'-0"	25.2	2100	25
30'-0"	26.1	2175	26
31'-0"	27.0	2250	27
32'-0"	27.9	2325	28
33'-0"	28.8	2400	29
34'-0"	29.7	2475	30
35'-0"	30.6	2550	31
36'-0"	31.5	2625	32
37'-0"	32.4	2700	33
38'-0"	33.3	2775	34
39'-0"	34.2	2850	35
40'-0"	35.1	2925	36



Computer File Information	Sheet Revisions	Colorado Department of Transportation	STANDARD PLAN NO.
Creation Date: 07/04/12	Date:	4201 East Arapahoe Avenue	M-604-10
Revision Date: 07/04/12	Comments:	Denver, Colorado 80222	Sheet No. 1 of 1
Revision Description: (CD)		Phone: (303) 757-9063	
Revision Description: (CD)		Fax: (303) 757-9820	
Revision Description: (CD)		Project Development Branch DD/LTA	
Revision Description: (CD)		Issued By: Project Development Branch July 4, 2012	

PREPARED BY:  
  
**DREXEL, BARRELL & CO.**  
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 101 SAHATCH ST. #100  
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 CONTACT: TIM D. MCCONNELL, P.E.  
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CLIENT:  
 FALCON LATIGO, LLC  
 5350 S. ROSLYN ST. STE #400  
 ENGLEWOOD, CO 80111-2125  
 (303) 694-0862

GRADING & EROSION CONTROL PLANS FOR:  
**LATIGO TRAILS**  
**FILING NO. 10**  
 EL PASO COUNTY  
 FALCON, COLORADO

ISSUE	DATE
INITIAL ISSUE	9/18/24

DESIGNED BY:	SBN
DRAWN BY:	SBN
CHECKED BY:	TDM
FILE NAME:	21820-01OUT

PREPARED UNDER MY DIRECT SUPERVISION FOR AND BEHALF OF DREXEL, BARRELL & CO.

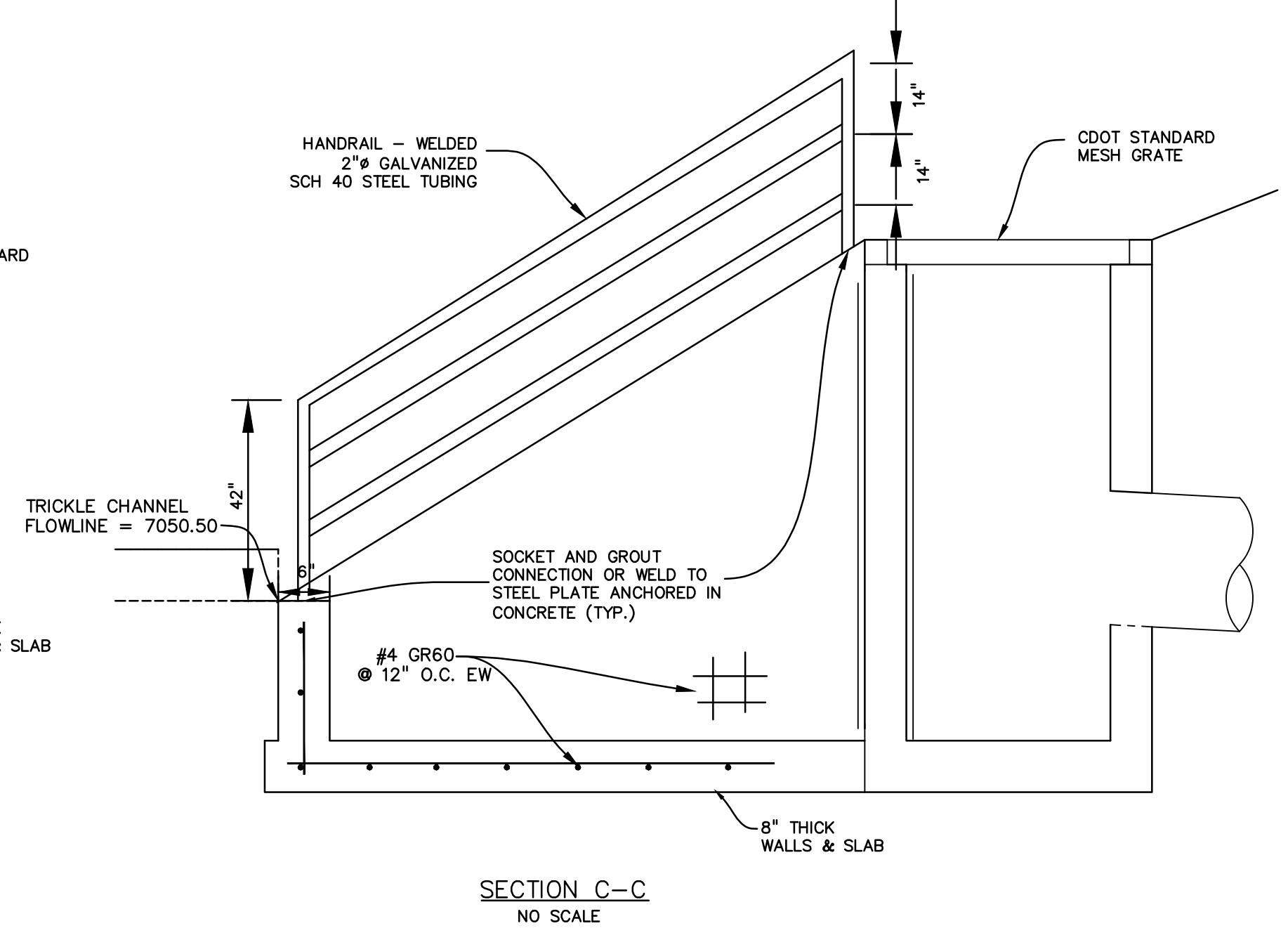
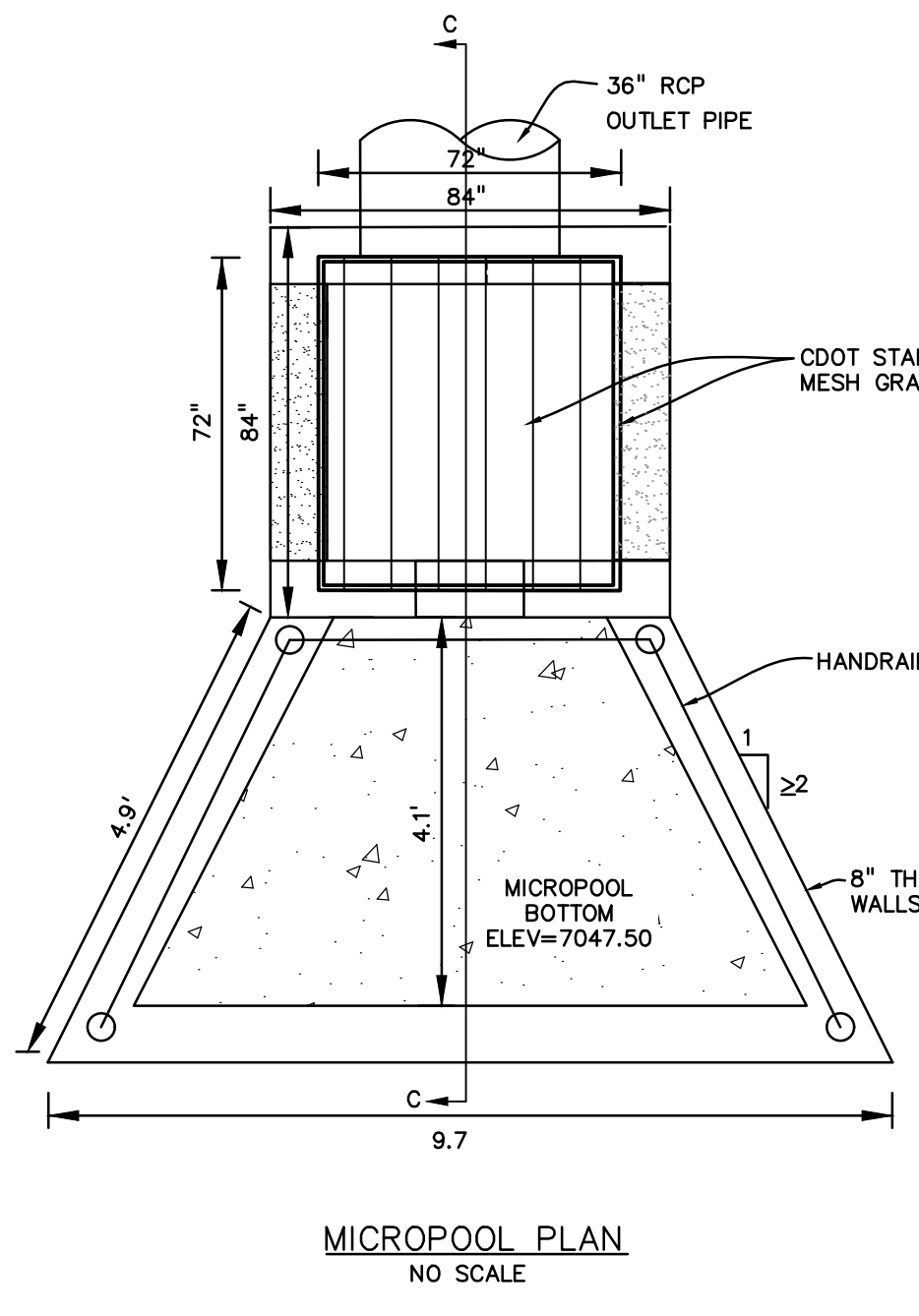
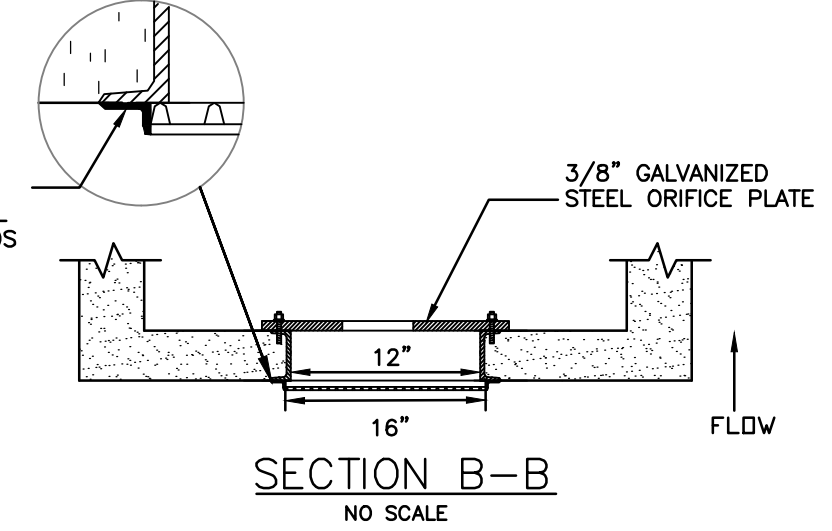
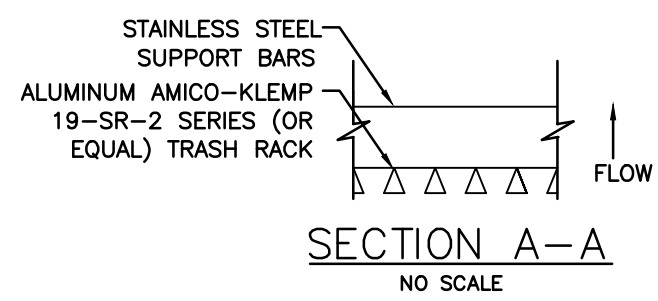
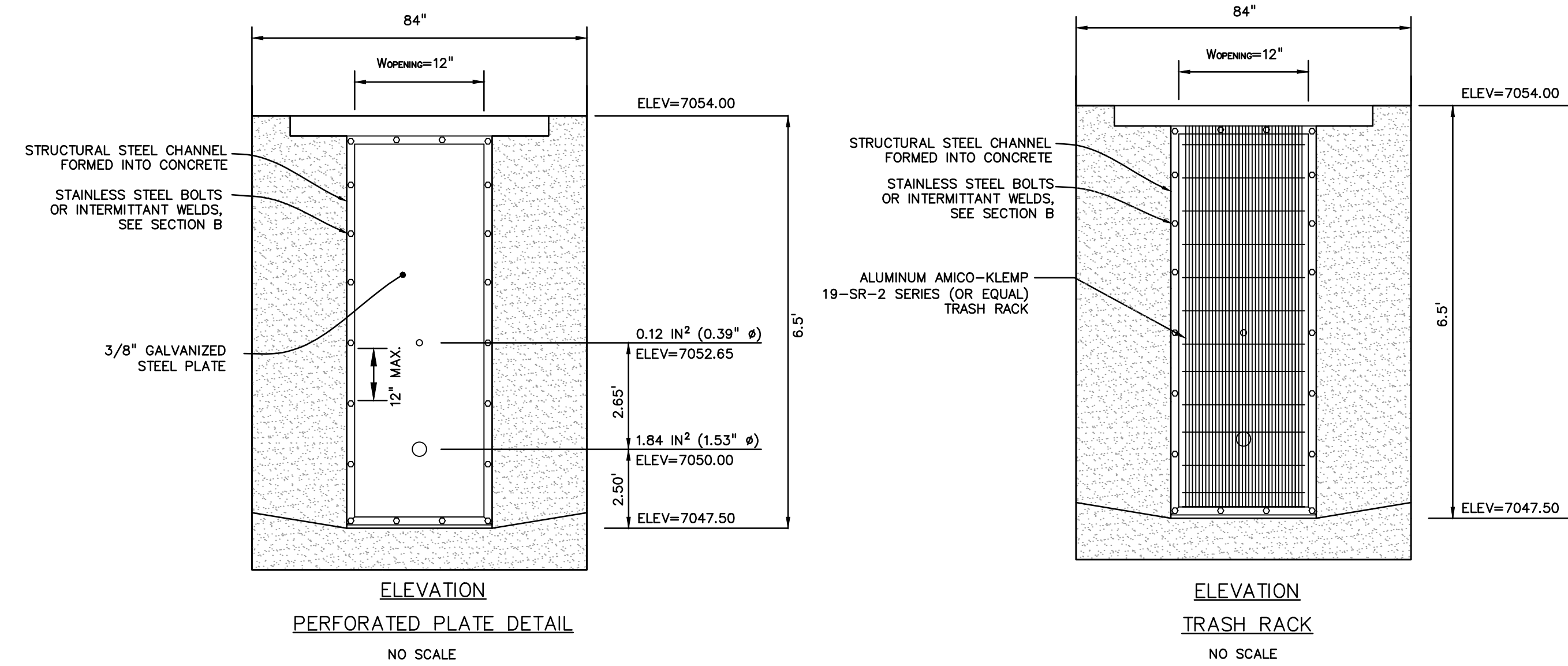
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 HORIZONTAL: N/A  
 VERTICAL: N/A

**POND G18**  
**OUTLET**  
**STRUCTURE**

PROJECT NO. 21820-01CSCV  
 DRAWING NO.

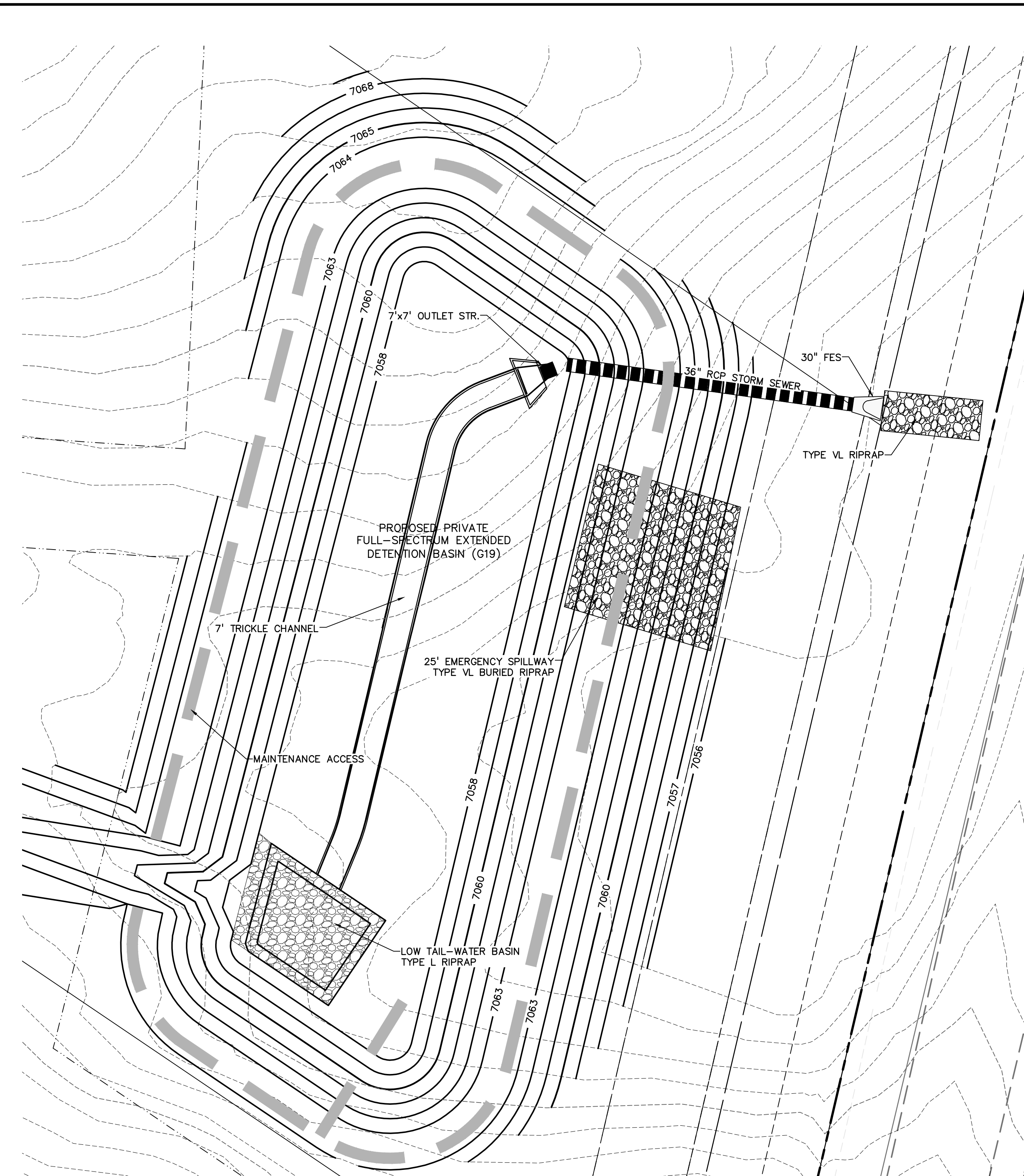
**OUT2**

SHEET: 11 OF 13

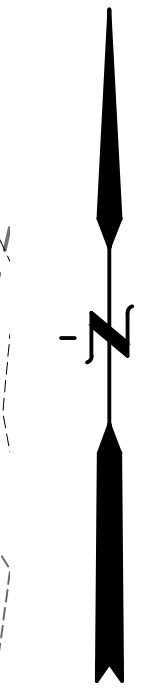
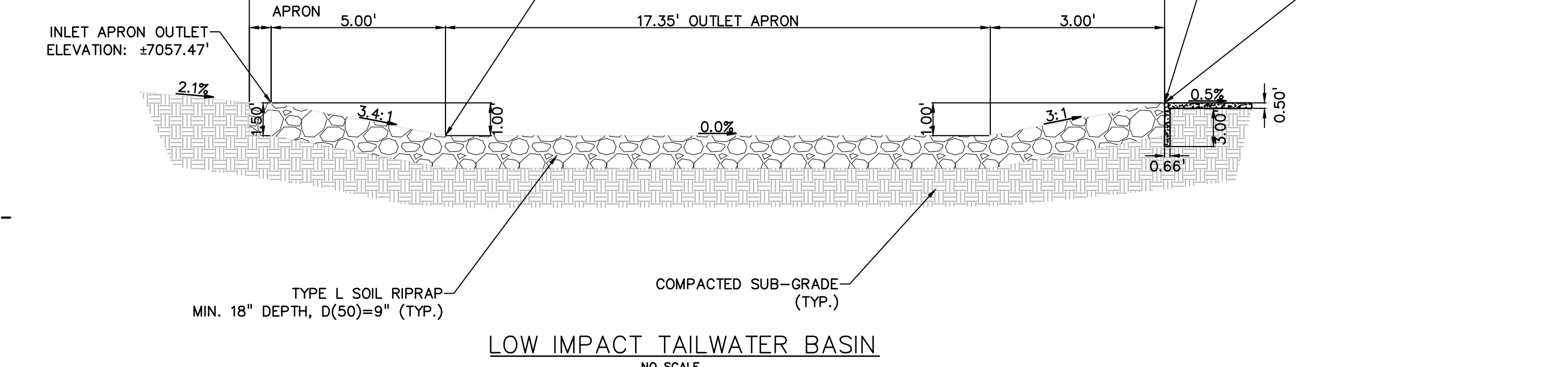
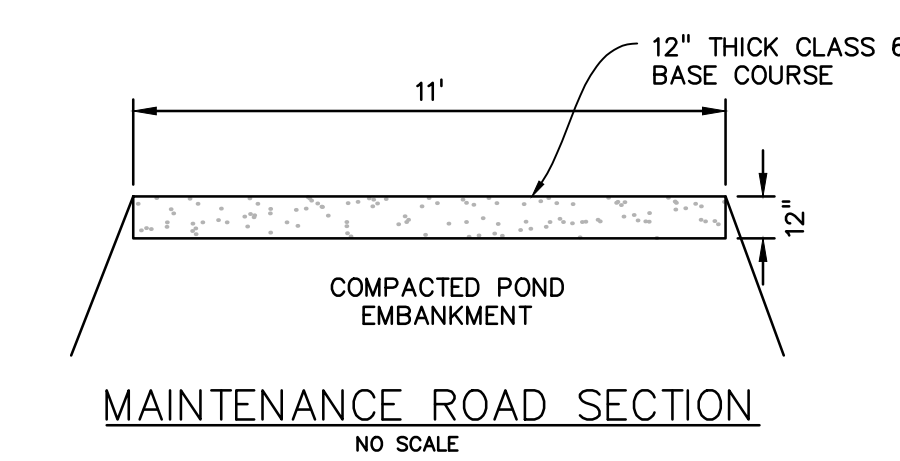
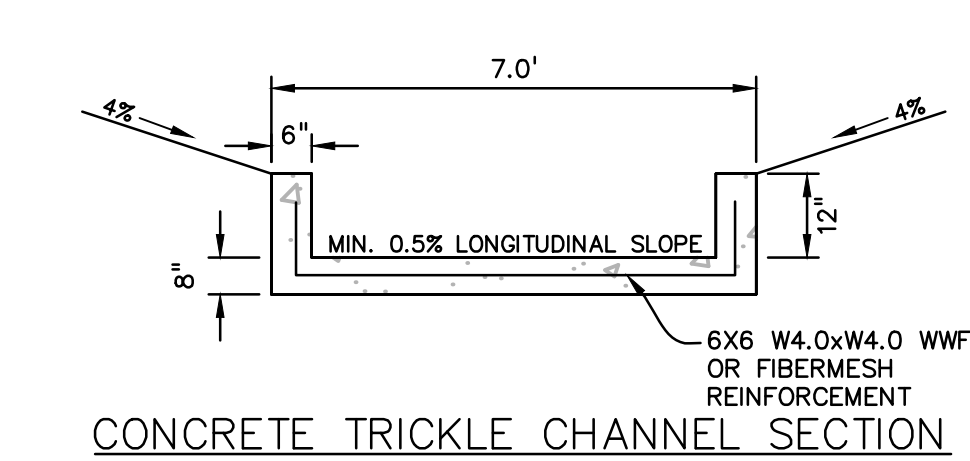
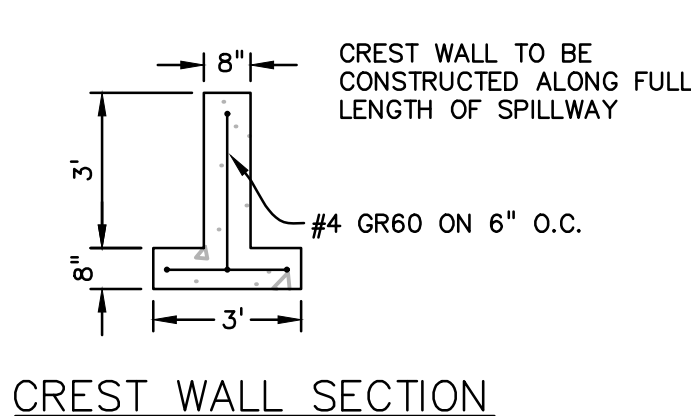
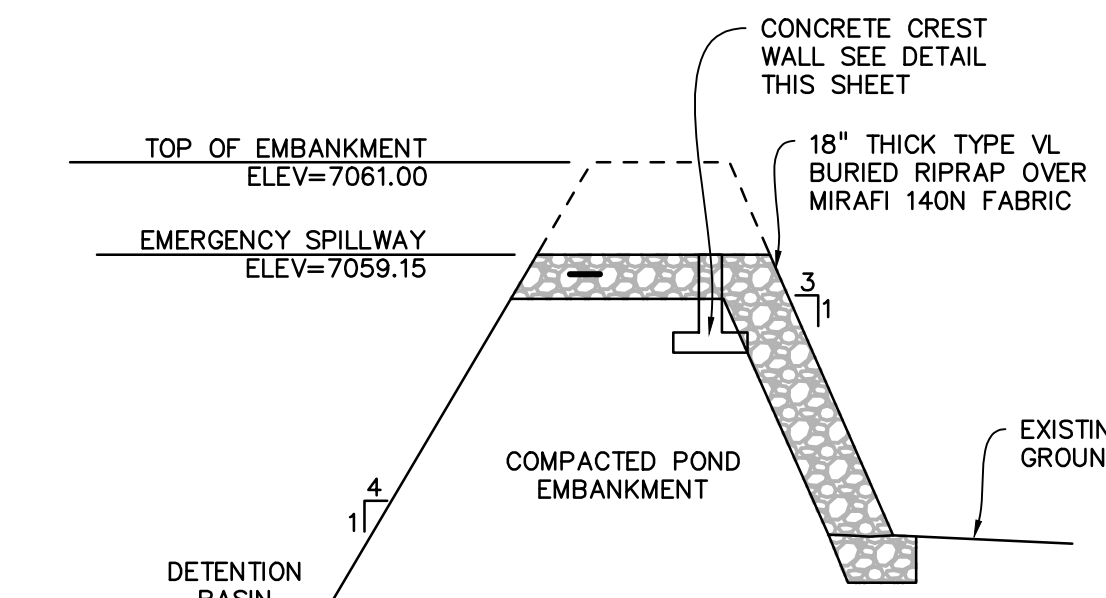
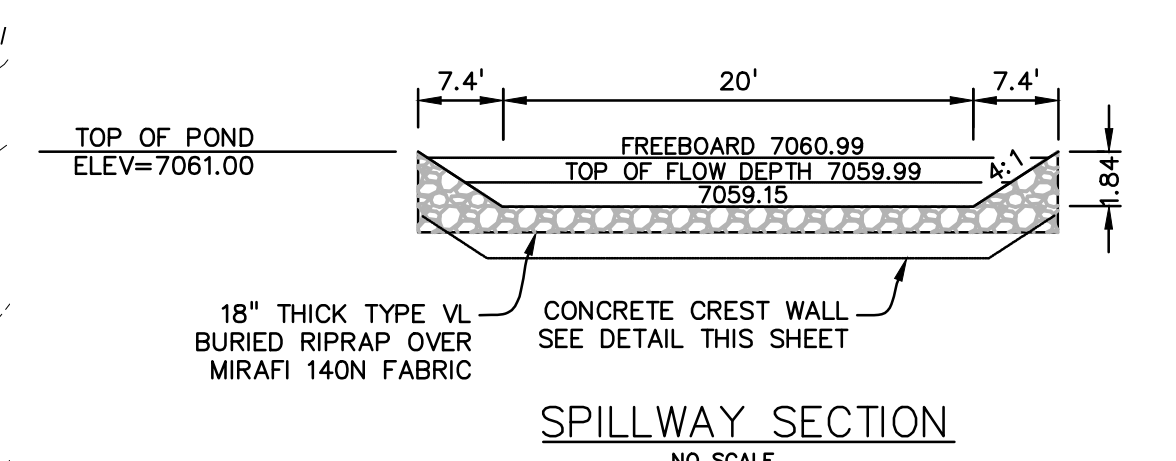


- PERFORATED PLATE NOTES:
1. PROVIDE GASKET MATERIAL OR GROUT BETWEEN THE ORIFICE PLATE AND CONCRETE.
  2. BOLT PLATE TO CONCRETE @ 12" MAX. ON CENTER. ORIFICE PLATE IS TO BE REMOVABLE.
  3. ALL STEEL SURFACES ARE TO BE COATED WITH ZRC COLD GALVANIZING COMPOUND.
- WOCV TRASH RACKS:
1. TRASH RACKS SHALL BE STAINLESS STEEL OR ALUMINUM AND SHALL BE ATTACHED BY INTERMITTENT WELDS ALONG THE EDGE OF THE MOUNTING FRAME.
- GENERAL NOTES:
1. ALL EXTERIOR STEEL SHALL BE EITHER STAINLESS OR HOT DIPPED GALVANIZED





DETENTION FACILITY POND G19  
SCALE: 1"=20'



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GRADING & EROSION CONTROL PLANS FOR:  
**LATIGO TRAILS**  
**FILING NO. 10**  
EL PASO COUNTY  
FALCON, COLORADO

ISSUE	DATE
INITIAL ISSUE	9/18/24

DESIGNED BY: SBN  
DRAWN BY: SBN  
CHECKED BY: KGV  
FILE NAME: 21820-01PD

PREPARED UNDER MY DIRECT SUPERVISION FOR AND BEHALF OF DREXEL, BARRELL & CO.

DRAWING SCALE:  
HORIZONTAL: 1" = 20'  
VERTICAL: N/A

POND G19  
DETAILS

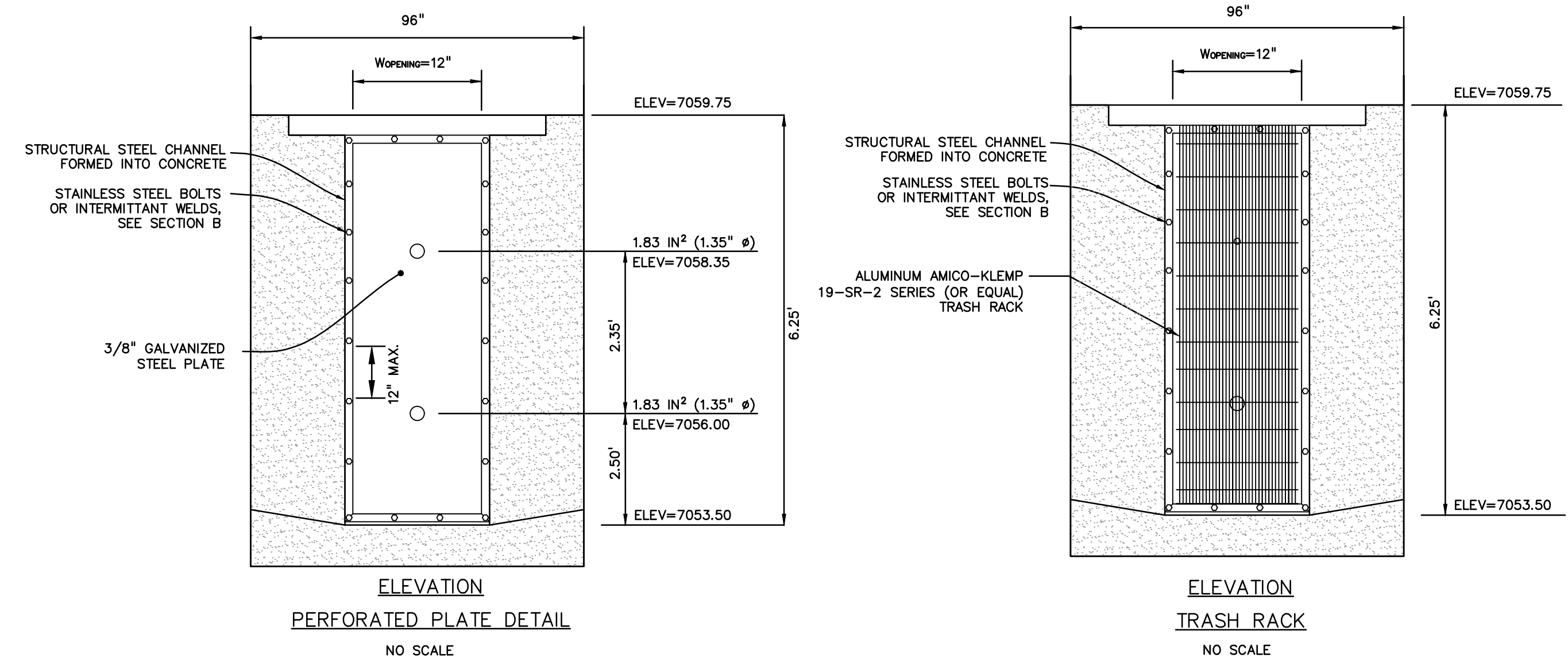
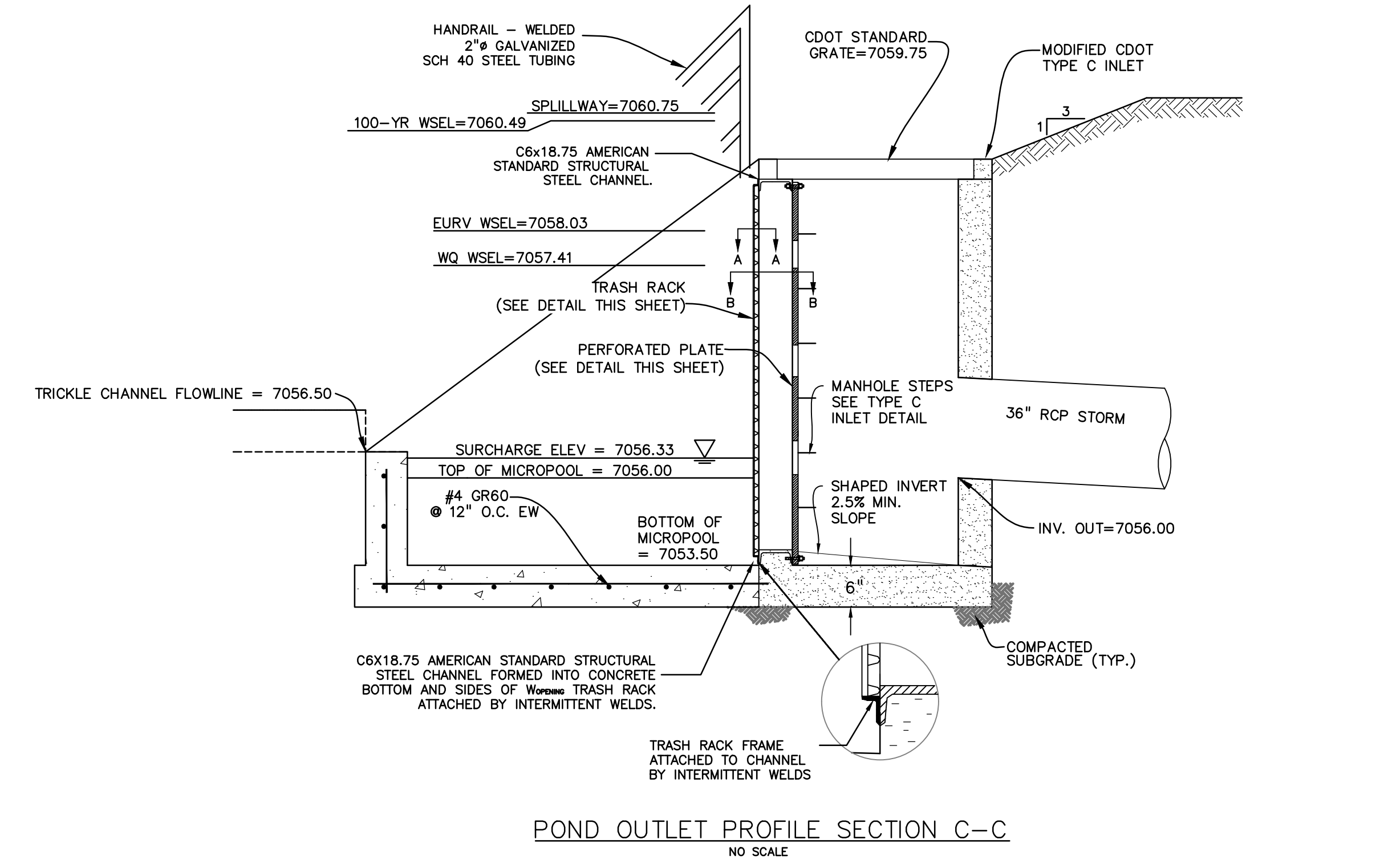
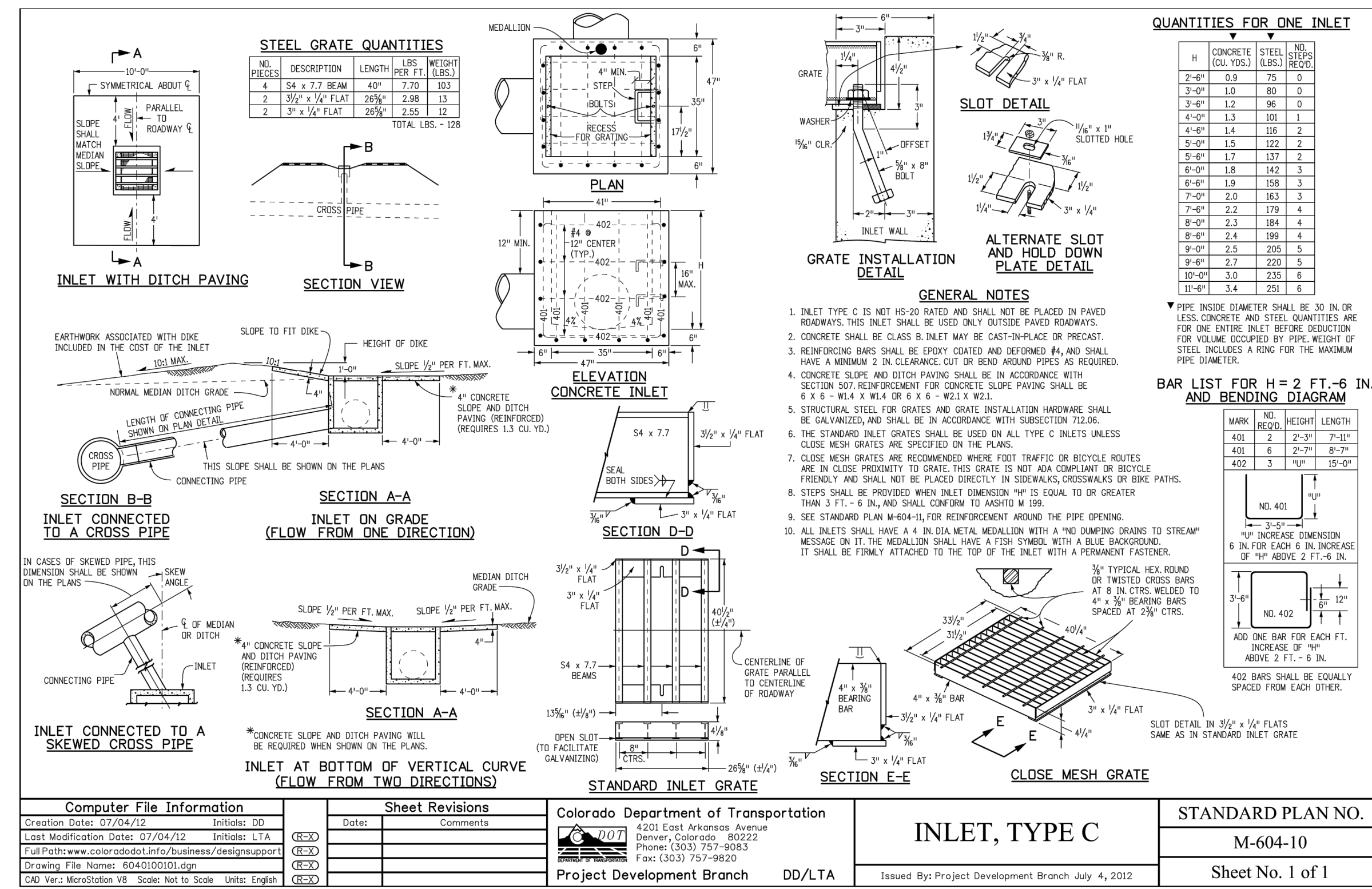
PROJECT NO. 21820-01CSCV  
DRAWING NO.

**PD3**

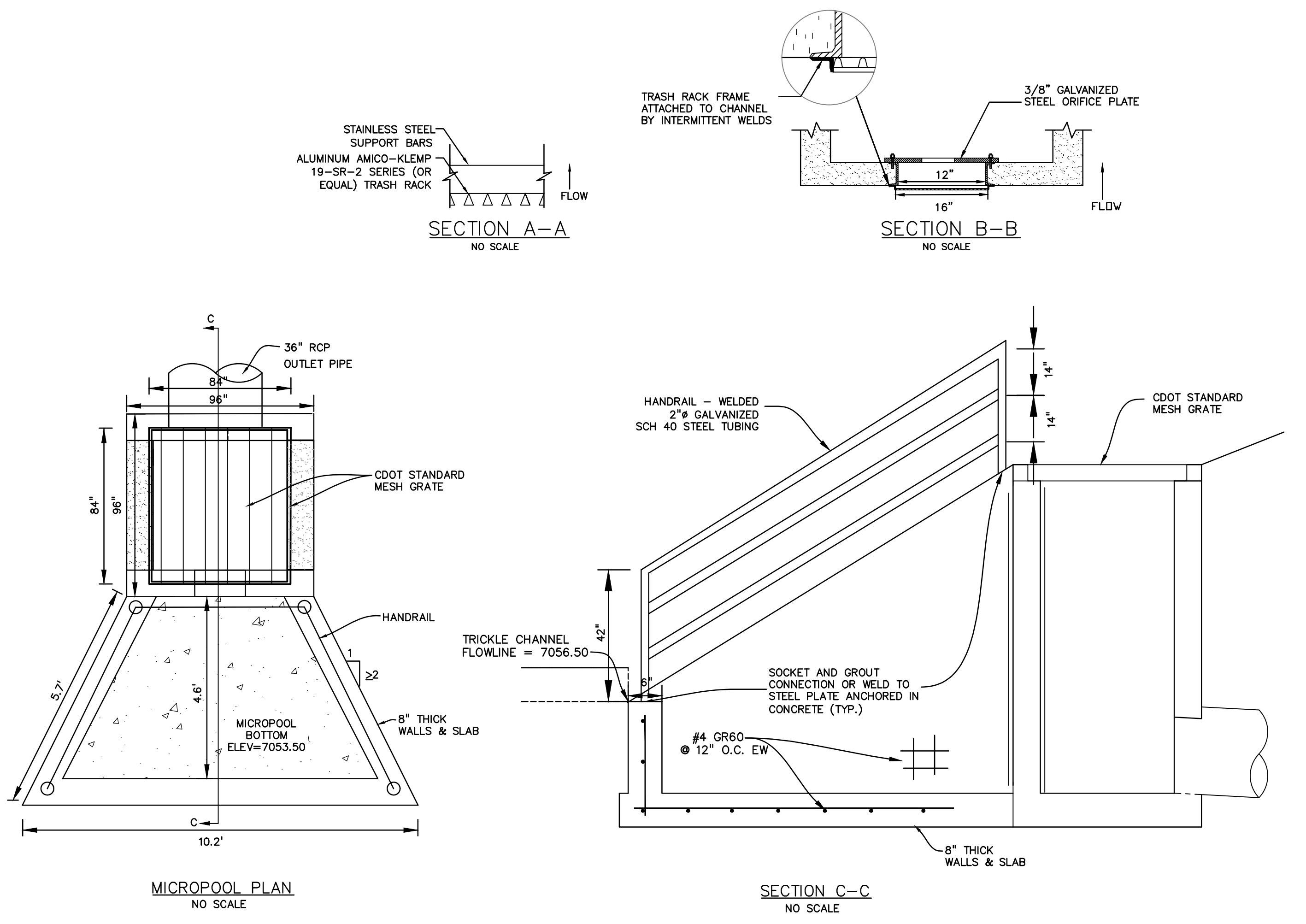
SHEET: 12 OF 13







- PERFORATED PLATE NOTES:**
- PROVIDE GASKET MATERIAL OR GROUT BETWEEN THE ORIFICE PLATE AND CONCRETE.
  - BOLT PLATE TO CONCRETE 12" MAX. ON CENTER. ORIFICE PLATE IS TO BE REMOVABLE.
  - ALL STEEL SURFACES ARE TO BE COATED WITH ZRC COLD GALVANIZING COMPOUND.
- WOCV TRASH RACKS:**
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- GENERAL NOTES:**
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**PREPARED BY:**

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**GRADING & EROSION CONTROL PLANS FOR:**

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ISSUE	DATE
INITIAL ISSUE	9/18/24

**DESIGNED BY:** SBN  
**DRAWN BY:** SBN  
**CHECKED BY:** TDM  
**FILE NAME:** 21820-01OUT

PREPARED UNDER MY DIRECT SUPERVISION FOR AND BEHALF OF DREXEL, BARRELL & CO.

**DRAWING SCALE:**  
 HORIZONTAL: N/A  
 VERTICAL: N/A

**POND G19**  
**OUTLET**  
**STRUCTURE**

**PROJECT NO. 21820-01CSCV**  
**DRAWING NO.**

**OUT3**

SHEET: 13 OF 13