

STANDARD NOTES FOR GEC PLANS

- 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 OFFSITE 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...
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...
4. 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 GEC. A PRECONSTRUCTION MEETING BETWEEN THE CONTRACTOR, ENGINEER AND EL PASO COUNTY WILL BE HELD PRIOR TO ANY CONSTRUCTION...
5. CONTROL MEASURES MUST BE INSTALLED PRIOR TO COMMENCEMENT OF ACTIVITIES THAT MAY CONTRIBUTE POLLUTANTS TO STORMWATER, TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES FOR ALL SLOPES, CHANNELS, DITCHES, OR ANY DISTURBED LAND AREA SHALL BE COMPLETED 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...
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, AN AREA THAT IS GOING TO REMAIN IN AN INTERIM STATE FOR MORE THAN 60 DAYS SHALL ALSO BE STABILIZED...
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 PERMANENT ALTERNATIVE STABILIZATION METHOD IS IMPLEMENTED...
9. ALL PERMANENT STORMWATER MANAGEMENT FACILITIES SHALL BE INSTALLED AS DEFINED IN THE APPROVED PLANS. ANY PROPOSED CHANGES THAT EFFECT THE HYDROLOGY OR HYDRAULICS OF A PERMANENT STORMWATER MANAGEMENT STRUCTURES MUST BE APPROVED BY THE EGM 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...
11. COMPACTION OF SOIL MUST BE PREVENTED IN AREAS DESIGNATED FOR INFILTRATION CONTROL MEASURES OR WHERE FINAL STABILIZATION WILL BE ACHIEVED BY VEGETATIVE COVER...
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 RUNOFF TO STATE WATERS...
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...
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...
18. TRACKING OF SOILS AND CONSTRUCTION DEBRIS OFF-SITE SHALL BE MINIMIZED. MATERIALS TRACKED OFFSITE 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, AND SAND THAT MAY ACCUMULATE IN ROADS, STORM DRAINS AND OTHER DRAINAGE CONVEYANCE SYSTEM 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...
21. NO CHEMICALS ARE TO BE USED BY THE CONTRACTOR, WHICH HAVE THE POTENTIAL TO BE RELEASED IN STORMWATER UNLESS PERMISSION FOR THE USE OF A SPECIFIC CHEMICAL IS GRANTED IN WRITING BY THE EGM ADMINISTRATOR...
22. BULK STORAGE OF PETROLEUM PRODUCTS OR OTHER LIQUID CHEMICALS IN EXCESS OF 55 GALLONS SHALL HAVE ADEQUATE SECONDARY CONTAINMENT PROTECTION TO CONTAIN ALL SPILLS...
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)...
25. ALL CONSTRUCTION TRAFFIC MUST ENTER/EXIT THE SITE AT APPROVED CONSTRUCTION ACCESS POINTS...
26. PRIOR TO ACTUAL CONSTRUCTION THE PERMITS SHALL VERIFY THE LOCATION OF EXISTING UTILITIES...
27. A WATER SOURCE SHALL BE AVAILABLE ON SITE DURING EARTHWORK OPERATIONS AND UTILIZED AS REQUIRED TO MINIMIZE DUST FROM EARTHWORK EQUIPMENT AND WIND...
28. THE SOILS REPORT, TITLED "SUBSURFACE SOIL INVESTIGATION - UPDATE - 1875 MAIN STREET" FOR THIS SITE HAS BEEN PREPARED BY ENTECH ENGINEERING, DATED APRIL 15, 2021 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...
COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT
WATER QUALITY CONTROL DIVISION
WQCD - PERMITS
4300 CHERRY CREEK DRIVE SOUTH
DENVER, CO 80246-1530
ATIN.PERMITS@UNT

STANDARD NOTES FOR CONSTRUCTION PLANS

- 1. ALL DRAINAGE AND ROADWAY CONSTRUCTION SHALL MEET THE STANDARDS AND SPECIFICATIONS OF THE CITY OF COLORADO SPRINGS/EL PASO COUNTY DRAINAGE CRITERIA MANUAL, VOLUMES 1 AND 2, AND THE EL PASO COUNTY ENGINEERING CRITERIA MANUAL...
2. CONTRACTOR SHALL BE RESPONSIBLE FOR THE NOTIFICATION AND FIELD NOTIFICATION OF ALL EXISTING UTILITIES, WHETHER SHOWN ON THE PLANS OR NOT, BEFORE BEGINNING CONSTRUCTION...
3. CONTRACTOR SHALL KEEP A COPY OF THESE APPROVED PLANS, THE GRADING AND EROSION CONTROL PLAN, THE STORMWATER MANAGEMENT PLAN (SWMP), THE SOILS AND GEOTECHNICAL REPORT, AND THE APPROPRIATE DESIGN AND CONSTRUCTION STANDARDS AND SPECIFICATIONS AT THE JOB SITE AT ALL TIMES...
4. 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...
5. IT IS THE DESIGN ENGINEER'S RESPONSIBILITY TO ACCURATELY SHOW EXISTING CONDITIONS, BOTH ONSITE AND OFFSITE, ON THE CONSTRUCTION PLANS...
6. CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH EL PASO COUNTY PLANNING AND COMMUNITY DEVELOPMENT (PCD) - INSPECTORS, PRIOR TO STARTING CONSTRUCTION...
7. IT IS THE CONTRACTOR'S RESPONSIBILITY TO UNDERSTAND THE REQUIREMENTS OF ALL JURISDICTIONAL AGENCIES AND TO OBTAIN ALL REQUIRED PERMITS, INCLUDING BUT NOT LIMITED TO EL PASO COUNTY EROSION AND STORMWATER QUALITY CONTROL PERMIT (ESQCP)...
8. CONTRACTOR SHALL NOT DEVIATE FROM THE PLANS WITHOUT FIRST OBTAINING WRITTEN APPROVAL FROM THE DESIGN ENGINEER AND PCD...
9. ALL STORM DRAIN PIPE SHALL BE CLASS III RCP UNLESS OTHERWISE NOTED AND APPROVED BY PCD...
10. CONTRACTOR SHALL COORDINATE GEOTECHNICAL TESTING PER EGM STANDARDS...
11. ALL CONSTRUCTION TRAFFIC MUST ENTER/EXIT THE SITE AT APPROVED CONSTRUCTION ACCESS POINTS...
12. SIGHT VISIBILITY TRIANGLES AS IDENTIFIED IN THE PLANS SHALL BE PROVIDED AT ALL INTERSECTIONS...
13. SIGNING AND STRIPING SHALL COMPLY WITH EL PASO COUNTY DOT AND MUTCD CRITERIA...
14. CONTRACTOR SHALL OBTAIN ANY PERMITS REQUIRED BY EL PASO COUNTY DOT...
15. THE LIMITS OF CONSTRUCTION SHALL REMAIN WITHIN THE PROPERTY LINE UNLESS OTHERWISE NOTED...
EROSION CONTROL NOTES
1. SOIL EROSION CONTROL MEASURES FOR ALL SLOPES, CHANNELS, DITCHES, OR ANY DISTURBED LAND AREA SHALL BE COMPLETED WITHIN TWENTY-ONE (21) CALENDAR DAYS AFTER FINAL GRADING...
2. CONSTRUCTION FENCE AND SILT FENCE OFFSET FOR CLARITY, CONTRACTOR TO ENSURE BMPs ARE PLACED DOWNSTREAM OF DISTURBED AREAS TO PREVENT SEDIMENT FROM LEAVING THE SITE.

GENERAL CONSTRUCTION NOTES

- 1. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE AND LOCATION OF ALL UNDERGROUND UTILITIES ALONG THE ROUTE OF THE WORK...
2. THE CONTRACTOR SHALL TAKE THE NECESSARY PRECAUTIONS TO PROTECT EXISTING UTILITIES FROM DAMAGE DUE TO THIS OPERATION...
3. ADDITIONAL EROSION CONTROL STRUCTURES MAY BE REQUIRED AT THE TIME OF CONSTRUCTION...
4. ALL BACKFILL, SUB-BASE AND / OR BASE COURSE (CLASS 6) MATERIAL SHALL BE COMPACTED TO THE SOILS ENGINEERS RECOMMENDATIONS...
5. ALL STATIONING IS CENTERLINE UNLESS OTHERWISE INDICATED...
6. ALL DISTURBED PAVEMENT EDGES SHALL BE CUT TO NEAT LINES...
7. ALL CULVERT AND STORM PIPES SHALL BE SMOOTH INTERIOR CORRUGATED POLYETHYLENE PIPE (HDPE)...
8. TYPE II RIP-RAP WITH 4" OF TYPE II GRANULAR BEDDING AND MRRAP 180N OR EQUAL MAY BE SUBSTITUTED WHERE TYPE I RIP-RAP WITH MRRAP FW 700 OR EQUAL IS SPECIFIED...
9. ALL MATERIALS AND INSTALLATION PROCEDURES SHALL BE IN COMPLIANCE WITH ANY AND ALL APPLICABLE EL PASO COUNTY STANDARDS AND WITH WOODMAN HILLS METRO DISTRICT CONSULTING ENGINEER APPROVAL...
10. ALL POTABLE WATER MAINS SHALL BE ANWA C900-SDR18 PVC WITH PUSH-ON SINGLE GASKET TYPE JOINTS...
11. SANITARY SEWER PIPE AND FITTINGS: PVC 4" ASTM D3034, TYPE PSM, SDR 35; PUSH-ON JOINTS AND MOLDED RUBBER GASKETS MAXIMUM HORIZONTAL DEFLECTIONS, AFTER INSTALLATION AND BACK FILLING SHALL NOT EXCEED 3% OF THE PIPE DIAMETER...

ENGINEERING RECORD DRAWINGS AS-BUILT DRAWINGS



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FOR
HAMMERS CONSTRUCTION, LLC

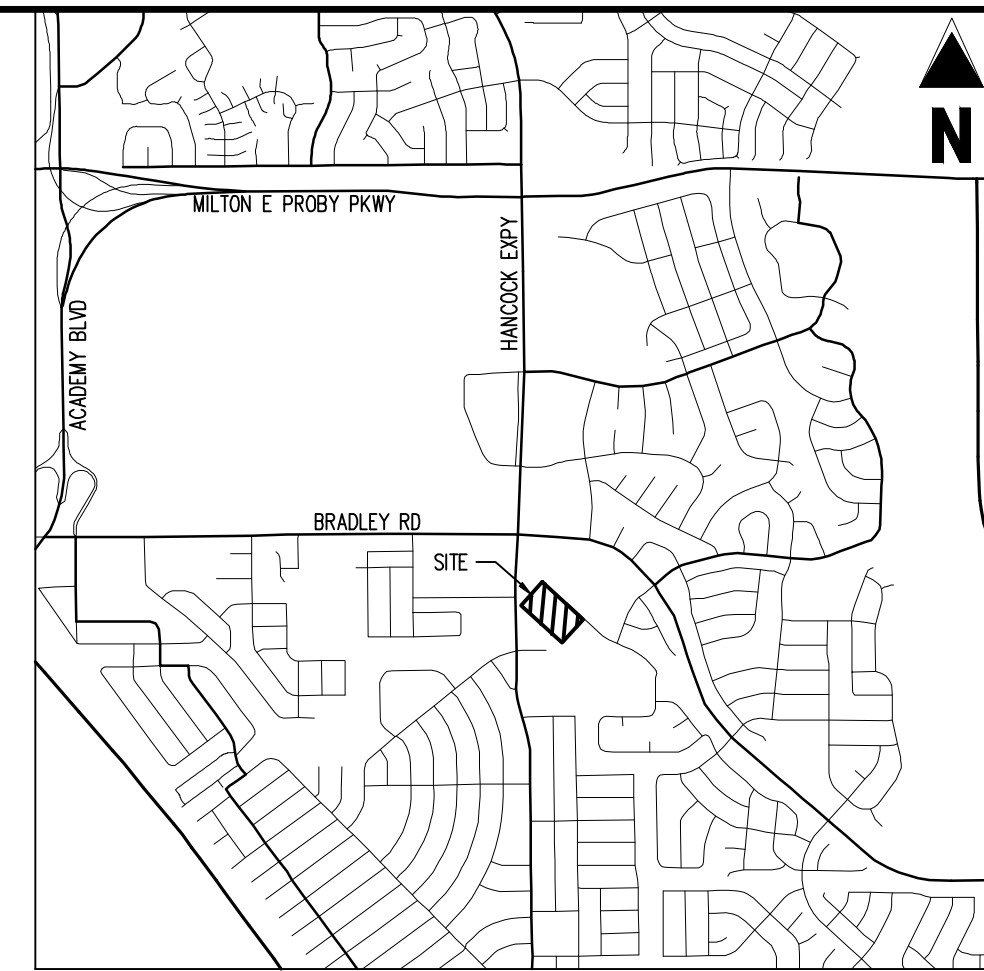
1875 MAIN STREET
COLORADO SPRINGS, CO 80911 - EL PASO COUNTY

Table with 4 columns: #, Date, Issue / Description, Init. Contains a grid for tracking revisions.

Project No: HCI000008
Drawn By: TPPT
Checked By:
Date: 05/20/2024

NOTES

ENGINEERING RECORD DRAWINGS AS-BUILT DRAWINGS



VICINITY MAP
SCALE: 1"=500'



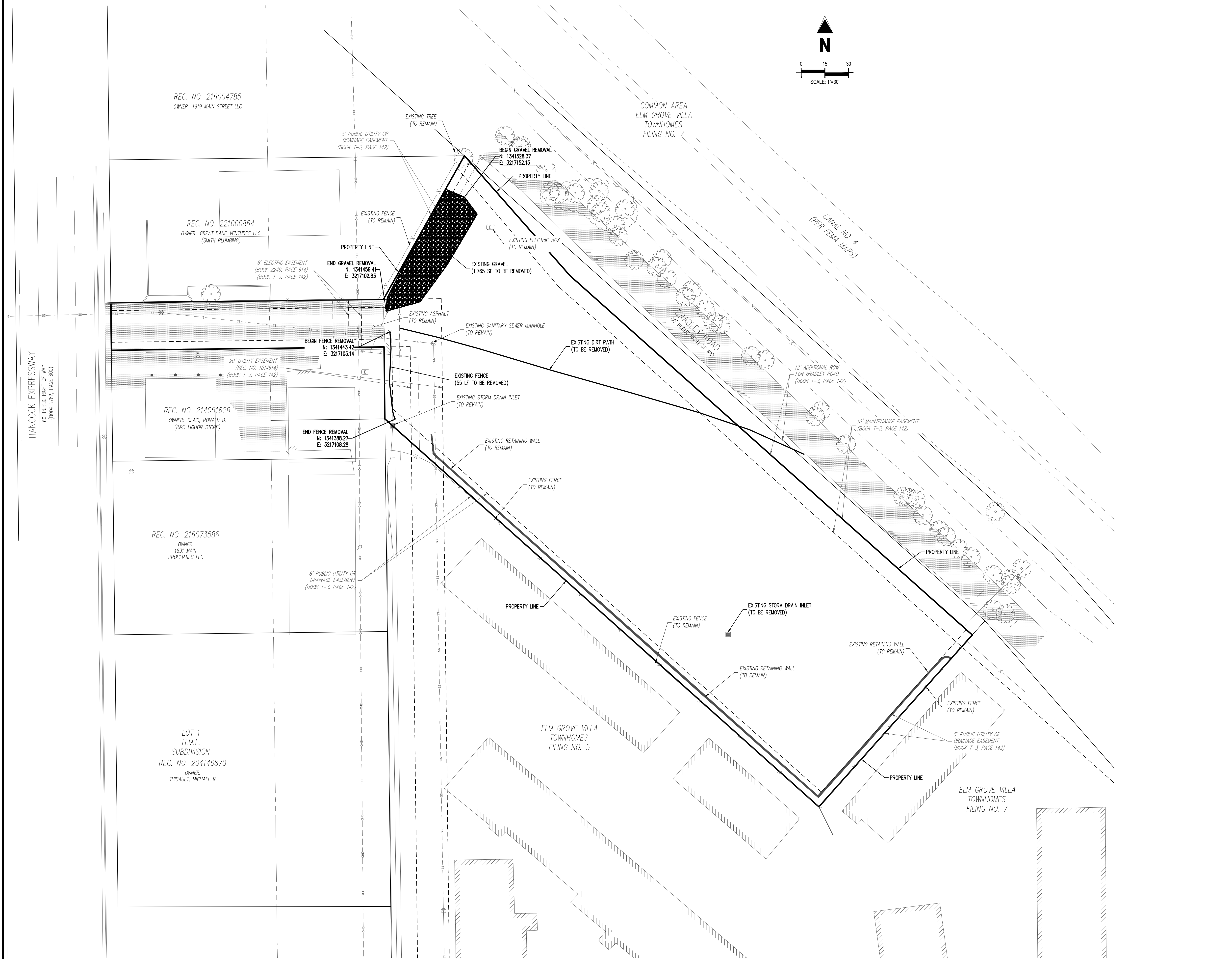
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COLORADO SPRINGS, CO 80911 - EL PASO COUNTY



DEMOLITION LEGEND

	PROPERTY BOUNDARY LINE
	ADJACENT PROPERTY BOUNDARY LINE
	EXISTING EASEMENT LINE
	EXISTING CURB & GUTTER
	EXISTING ASPHALT EDGE
	EXISTING FENCE
	EXISTING WATER LINE
	EXISTING SANITARY SEWER LINE
	EXISTING GAS LINE
	EXISTING UNDERGROUND ELECTRIC LINE
	EXISTING OVERHEAD ELECTRIC LINE
	EXISTING STORM DRAIN LINE
	EXISTING BUILDING HATCH
	EXISTING ASPHALT PAVING
	EXISTING FIRE HYDRANT
	EXISTING STORM STRUCTURES
	EXISTING ELECTRIC STRUCTURES
	EXISTING TELEPHONE STRUCTURES
	EXISTING SIGN
	EXISTING SANITARY SEWER MANHOLE
	EXISTING WATER STRUCTURES
	EXISTING TREES

DEMOLITION NOTES

- ALL DEMOLITION TO BE IN ACCORDANCE WITH STATE, LOCAL, AND FEDERAL REQUIREMENTS.
- CONTRACTOR TO VERIFY ALL UTILITY SERVICE LOCATIONS AND EXISTING SITE CONDITIONS PRIOR TO PROCEEDING. ANY SITE CONDITIONS THAT ARE NOT AS SHOWN MUST BE REPORTED TO THE COMPANY REPRESENTATIVE PRIOR TO BID.
- CONTRACTOR TO REMOVE OR RELOCATE EXISTING UTILITIES PER UTILITY COMPANY REQUIREMENTS.
- ALL UNDERGROUND STORM SEWER, WATER, AND SANITARY SEWER MAIN LOCATIONS ARE BASED ON MAPS PROVIDED BY THE APPROPRIATE UTILITY COMPANY AND FIELD SURFACE EVIDENCE AT THE TIME OF SURVEY AND IS TO BE CONSIDERED AN APPROXIMATE LOCATION ONLY.
- ALL UNDERGROUND GAS AND ELECTRIC UTILITY INFORMATION SHOWN IS BASED ON MAPS PROVIDED BY UTILITY COMPANY AND ARE TO BE CONSIDERED AS AN APPROXIMATE LOCATION ONLY BASED ON SAID MAPS.
- CONTRACTOR TO OBTAIN ALL PERMITS AND LICENSES REQUIRED FOR DEMOLITION OF WORK SHOWN.

NOTE: CONTRACTOR RESPONSIBLE FOR AS-BUILT DRAWINGS, TESTS, REPORTS AND/OR ANY OTHER CERTIFICATES OR INFORMATION AS REQUIRED FOR ACCEPTANCE OF WORK FROM CITY, UTILITY DISTRICTS OR ANY OTHER GOVERNING AGENCY.

NOTE: CONTRACTOR SHALL PROTECT ALL EXISTING SURVEY MONUMENTATION. CONTRACTOR SHALL HAVE LICENSED SURVEYOR REPLACE ANY DAMAGED OR DISTURBED MONUMENTATION AT THEIR COST.

CAUTION - NOTICE TO CONTRACTOR

- ALL UTILITY LOCATIONS SHOWN ARE BASED ON MAPS PROVIDED BY THE APPROPRIATE UTILITY COMPANY AND FIELD SURFACE EVIDENCE AT THE TIME OF SURVEY AND IS TO BE CONSIDERED AN APPROXIMATE LOCATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE FIELD LOCATION OF ALL UTILITIES, PUBLIC OR PRIVATE, WHETHER SHOWN ON THE PLANS OR NOT, PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.
- WHERE A PROPOSED UTILITY CROSSES AN EXISTING UTILITY, IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF SUCH EXISTING UTILITY, EITHER THROUGH POT-HOLING OR ALTERNATIVE METHOD. REPORT INFORMATION TO THE ENGINEER PRIOR TO CONSTRUCTION.



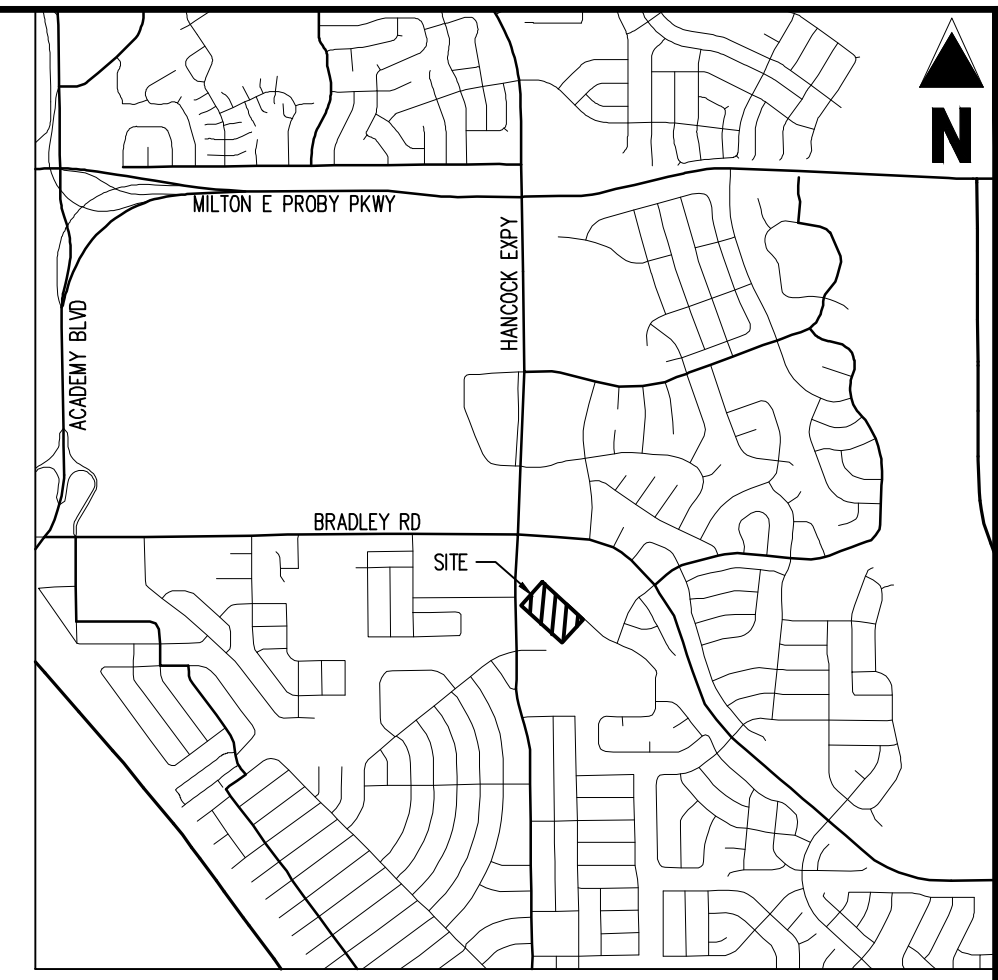
#	Date	Issue / Description	Init.

Project No: HCl000008
 Drawn By: TPPT
 Checked By: [Signature]
 Date: 05/20/2024

DEMOLITION PLAN

PCD FILING NO. PPR2143
C1.1
 Sheet 3 of 18

ENGINEERING RECORD DRAWINGS AS-BUILT DRAWINGS



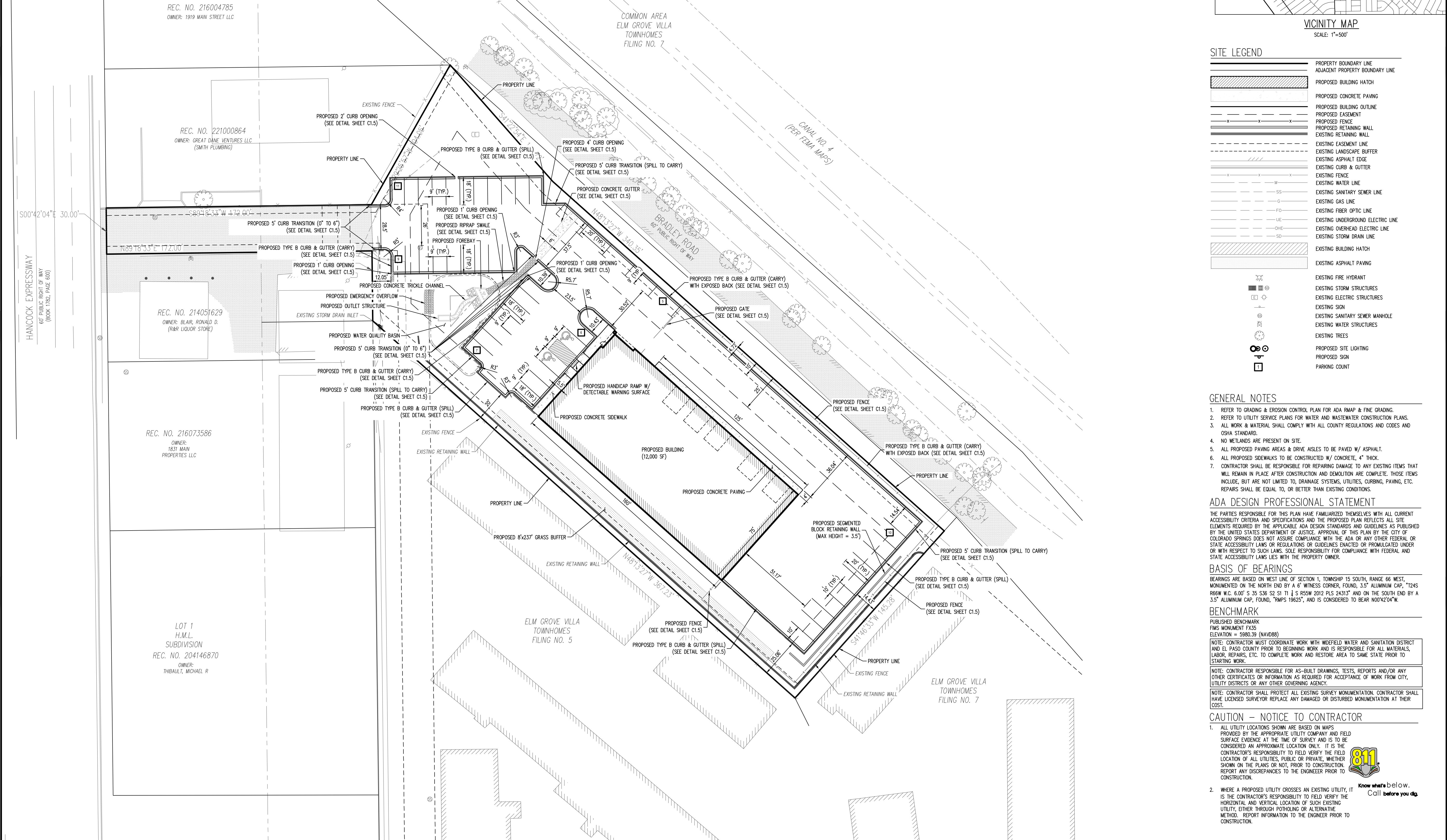
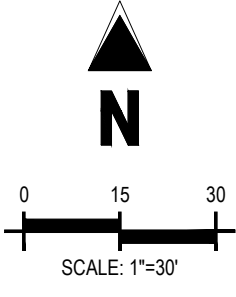
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FOR
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1875 MAIN STREET
COLORADO SPRINGS, CO 80911 - EL PASO COUNTY**



SITE LEGEND

	PROPERTY BOUNDARY LINE
	ADJACENT PROPERTY BOUNDARY LINE
	PROPOSED BUILDING HATCH
	PROPOSED CONCRETE PAVING
	PROPOSED BUILDING OUTLINE
	PROPOSED EASEMENT
	PROPOSED FENCE
	PROPOSED RETAINING WALL
	EXISTING RETAINING WALL
	EXISTING EASEMENT LINE
	EXISTING LANDSCAPE BUFFER
	EXISTING ASPHALT EDGE
	EXISTING CURB & GUTTER
	EXISTING FENCE
	EXISTING WATER LINE
	EXISTING SANITARY SEWER LINE
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	EXISTING FIRE HYDRANT
	EXISTING STORM STRUCTURES
	EXISTING ELECTRIC STRUCTURES
	EXISTING SIGN
	EXISTING SANITARY SEWER MANHOLE
	EXISTING WATER STRUCTURES
	EXISTING TREES
	PROPOSED SITE LIGHTING
	PROPOSED SIGN
	PARKING COUNT

GENERAL NOTES

- REFER TO GRADING & EROSION CONTROL PLAN FOR ADA RAMP & FINE GRADING.
- REFER TO UTILITY SERVICE PLANS FOR WATER AND WASTEWATER CONSTRUCTION PLANS.
- ALL WORK & MATERIAL SHALL COMPLY WITH ALL COUNTY REGULATIONS AND CODES AND OSHA STANDARD.
- NO WETLANDS ARE PRESENT ON SITE.
- ALL PROPOSED PAVING AREAS & DRIVE AISLES TO BE PAVED W/ ASPHALT.
- ALL PROPOSED SIDEWALKS TO BE CONSTRUCTED W/ CONCRETE, 4" THICK.
- CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING DAMAGE TO ANY EXISTING ITEMS THAT WILL REMAIN IN PLACE AFTER CONSTRUCTION AND DEMOLITION ARE COMPLETE. THOSE ITEMS INCLUDE, BUT ARE NOT LIMITED TO, DRAINAGE SYSTEMS, UTILITIES, CURBING, PAVING, ETC. REPAIRS SHALL BE EQUAL TO, OR BETTER THAN EXISTING CONDITIONS.

ADA DESIGN PROFESSIONAL STATEMENT

THE PARTIES RESPONSIBLE FOR THIS PLAN HAVE FAMILIARIZED THEMSELVES WITH ALL CURRENT ACCESSIBILITY CRITERIA AND SPECIFICATIONS AND THE PROPOSED PLAN REFLECTS ALL SITE ELEMENTS REQUIRED BY THE APPLICABLE ADA DESIGN STANDARDS AND GUIDELINES AS PUBLISHED BY THE UNITED STATES DEPARTMENT OF JUSTICE. APPROVAL OF THIS PLAN BY THE CITY OF COLORADO SPRINGS DOES NOT ASSURE COMPLIANCE WITH THE ADA OR ANY OTHER FEDERAL OR STATE ACCESSIBILITY LAWS OR REGULATIONS OR GUIDELINES ENACTED OR PROMULGATED UNDER OR WITH RESPECT TO SUCH LAWS. SOLE RESPONSIBILITY FOR COMPLIANCE WITH FEDERAL AND STATE ACCESSIBILITY LAWS LIES WITH THE PROPERTY OWNER.

BASIS OF BEARINGS

BEARINGS ARE BASED ON WEST LINE OF SECTION 1, TOWNSHIP 15 SOUTH, RANGE 66 WEST, MONUMENTED ON THE NORTH END BY A 6" WITNESS CORNER, FOUND, 3.5" ALUMINUM CAP, "T24S R66W W.C. 6.00' S 35 S36 S2 S1 T1 1/4 S R55W 2012 PLS 2431" AND ON THE SOUTH END BY A 3.5" ALUMINUM CAP, FOUND, "RMP5 19623", AND IS CONSIDERED TO BEAR N0042°04'W.

BENCHMARK

PUBLISHED BENCHMARK
FMS MONUMENT EX35
ELEVATION = 5880.39 (NAVD88)

NOTE: CONTRACTOR MUST COORDINATE WORK WITH WIDEFELD WATER AND SANITATION DISTRICT AND EL PASO COUNTY PRIOR TO BEGINNING WORK AND IS RESPONSIBLE FOR ALL MATERIALS, LABOR, REPAIRS, ETC. TO COMPLETE WORK AND RESTORE AREA TO SAME STATE PRIOR TO STARTING WORK.

NOTE: CONTRACTOR RESPONSIBLE FOR AS-BUILT DRAWINGS, TESTS, REPORTS AND/OR ANY OTHER CERTIFICATES OR INFORMATION AS REQUIRED FOR ACCEPTANCE OF WORK FROM CITY, UTILITY DISTRICTS OR ANY OTHER GOVERNING AGENCY.

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CAUTION - NOTICE TO CONTRACTOR

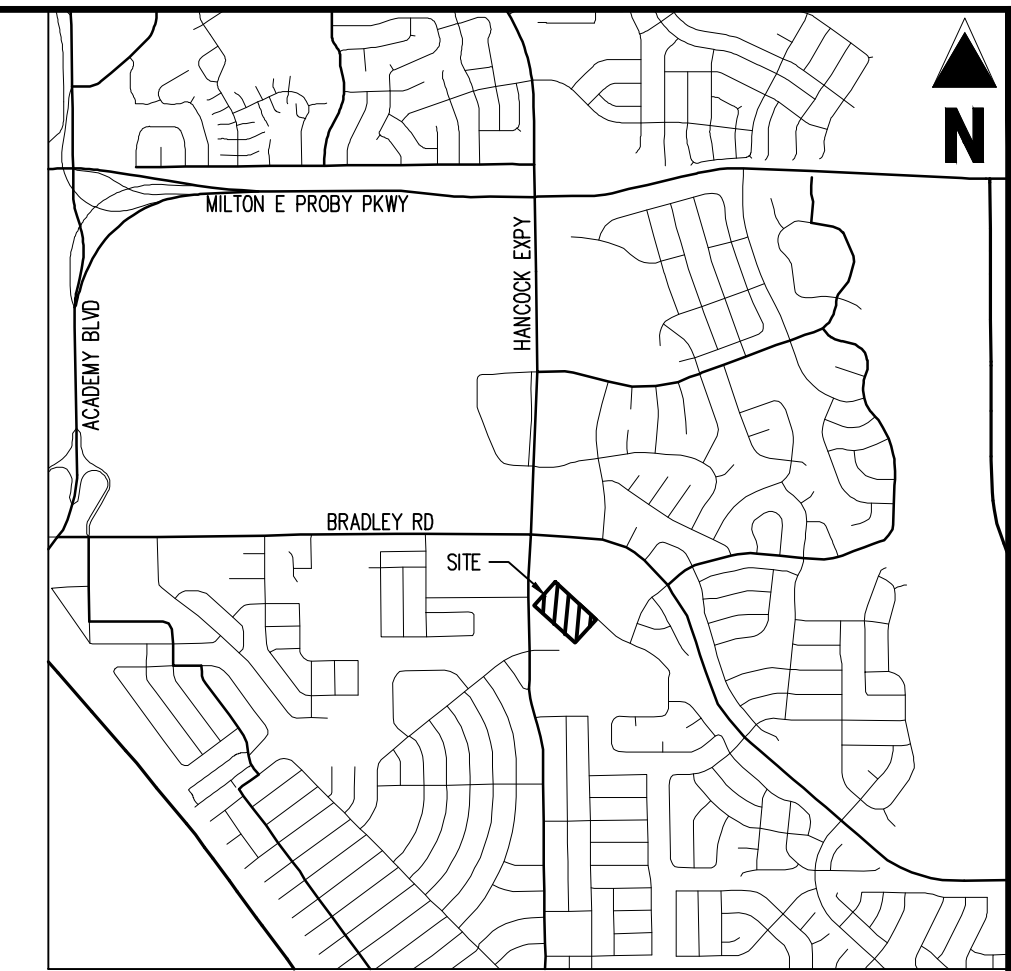
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Know what's below.
Call before you dig.

#	Date	Issue / Description	Init.

Project No: HCI000008
Drawn By: TPT
Checked By: CLM
Date: 05/20/2024

ENGINEERING RECORD DRAWINGS AS-BUILT DRAWINGS



VICINITY MAP
SCALE: 1"=500'

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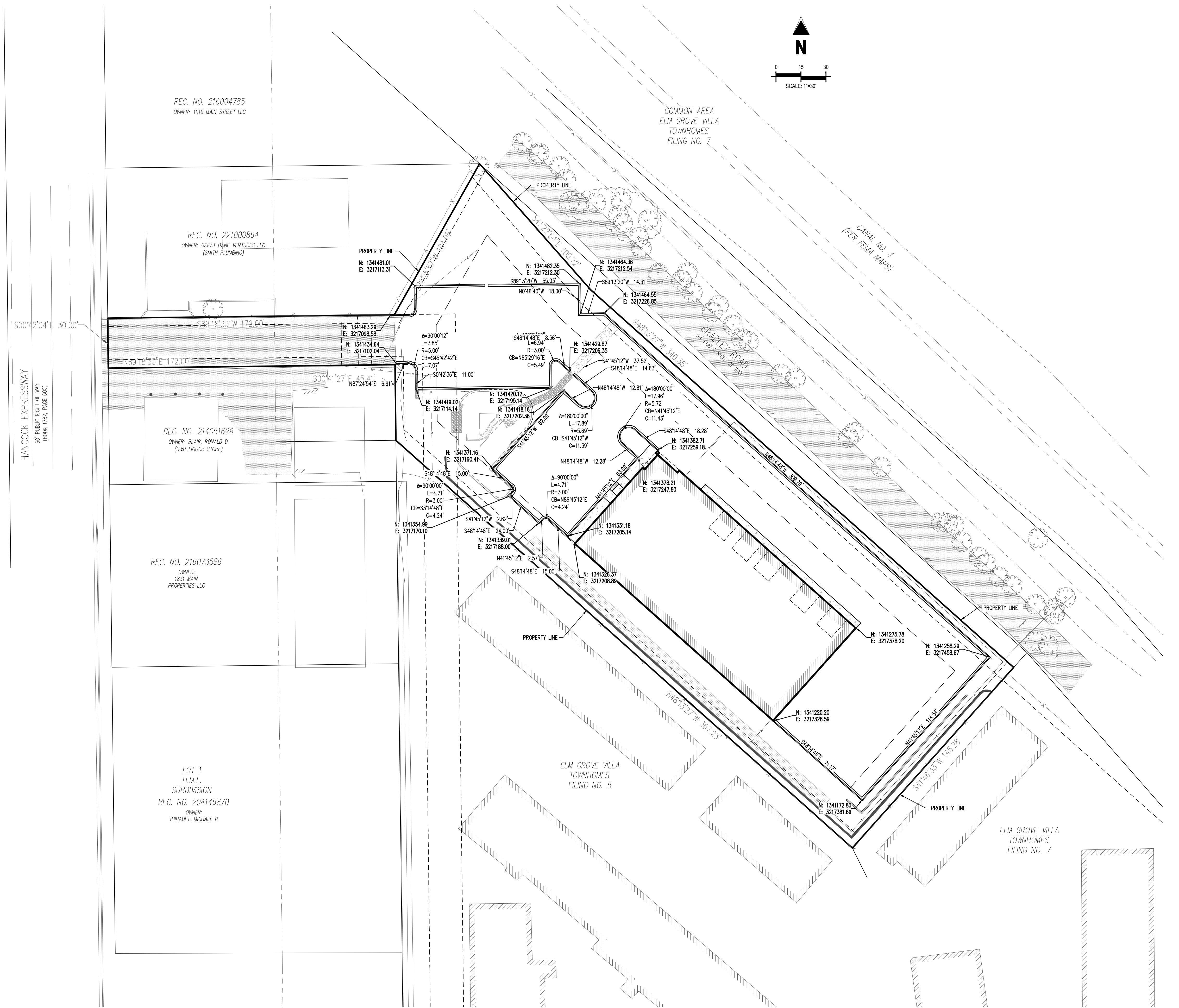


SITE LEGEND

	PROPERTY BOUNDARY LINE
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	PROPOSED BUILDING HATCH
	PROPOSED CONCRETE PAVING
	PROPOSED BUILDING OUTLINE
	PROPOSED EASEMENT
	PROPOSED FENCE
	EXISTING EASEMENT LINE
	EXISTING LANDSCAPE BUFFER
	EXISTING ASPHALT EDGE
	EXISTING CURB & GUTTER
	EXISTING BUILDING HATCH
	EXISTING ASPHALT PAVING

GENERAL NOTES

1. ALL DIMENSIONS ARE TO FLOWLINE OF CURB UNLESS OTHERWISE NOTED.



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BENCHMARK
PUBLISHED BENCHMARK
FMS MONUMENT F335
ELEVATION = 5880.39 (NAVD89)

NOTE: CONTRACTOR MUST COORDINATE WORK WITH WIDEFIELD WATER AND SANITATION DISTRICT AND EL PASO COUNTY PRIOR TO BEGINNING WORK AND IS RESPONSIBLE FOR ALL MATERIALS, LABOR, REPAIRS, ETC. TO COMPLETE WORK AND RESTORE AREA TO SAME STATE PRIOR TO STARTING WORK.

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2. WHERE A PROPOSED UTILITY CROSSES AN EXISTING UTILITY, IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF SUCH EXISTING UTILITY, EITHER THROUGH POTHOLING OR ALTERNATIVE METHOD. REPORT INFORMATION TO THE ENGINEER PRIOR TO CONSTRUCTION.

Know what's below.
 Call before you dig.

Project No: HCI000008
 Drawn By: TPPT
 Checked By: [Signature]
 Date: 05/20/2024

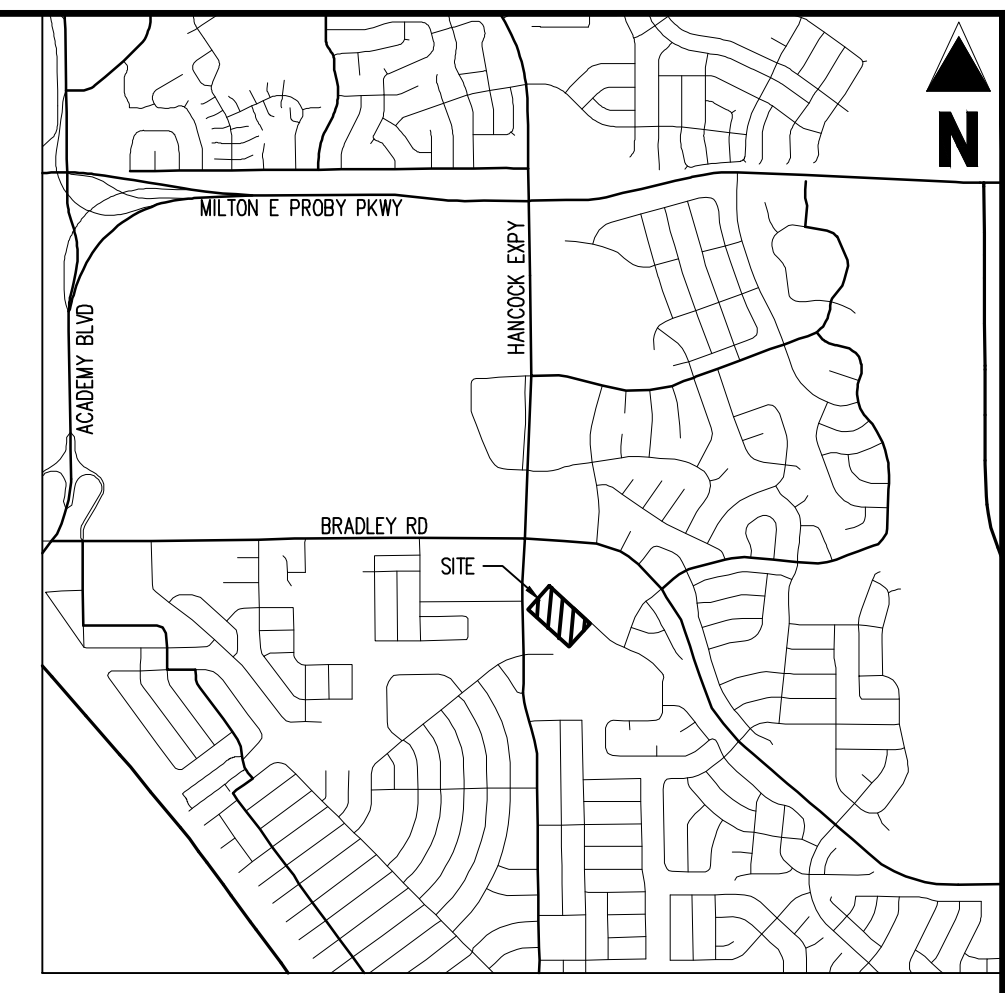
HORIZONTAL CONTROL PLAN

PCD FILING NO. PPR2143

C1.3

Sheet 5 of 18

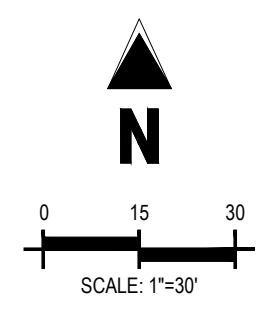
ENGINEERING RECORD DRAWINGS AS-BUILT DRAWINGS



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VICINITY MAP
SCALE: 1"=500'

SITE LEGEND

	PROPERTY BOUNDARY LINE
	ADJACENT PROPERTY BOUNDARY LINE
	PROPOSED BUILDING HATCH
	PROPOSED CONCRETE PAVING
	PROPOSED BUILDING OUTLINE
	PROPOSED EASEMENT
	PROPOSED FENCE
	EXISTING EASEMENT LINE
	EXISTING LANDSCAPE BUFFER
	EXISTING ASPHALT EDGE
	EXISTING CURB & GUTTER
	EXISTING FENCE
	EXISTING BUILDING HATCH
	EXISTING ASPHALT PAVING

GENERAL NOTES

1. REFER TO GRADING & EROSION CONTROL PLAN FOR ADA RAMP & FINE GRADING.
2. REFER TO UTILITY SERVICE PLANS FOR WATER AND WASTEWATER CONSTRUCTION PLANS.
3. ALL WORK & MATERIAL SHALL COMPLY WITH ALL COUNTY REGULATIONS AND CODES AND OSHA STANDARD.
4. NO WETLANDS ARE PRESENT ON SITE.
5. ALL PROPOSED PAVING AREAS & DRIVE AISLES TO BE PAVED W/ ASPHALT.
6. ALL PROPOSED SIDEWALKS TO BE CONSTRUCTED W/ CONCRETE, 4" THICK.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING DAMAGE TO ANY EXISTING ITEMS THAT WILL REMAIN IN PLACE AFTER CONSTRUCTION AND DEMOLITION ARE COMPLETE. THOSE ITEMS INCLUDE, BUT ARE NOT LIMITED TO, DRAINAGE SYSTEMS, UTILITIES, CURBING, PAVING, ETC. REPAIRS SHALL BE EQUAL TO, OR BETTER THAN EXISTING CONDITIONS.

ADA DESIGN PROFESSIONAL STATEMENT

THE PARTIES RESPONSIBLE FOR THIS PLAN HAVE FAMILIARIZED THEMSELVES WITH ALL CURRENT ACCESSIBILITY CRITERIA AND SPECIFICATIONS AND THE PROPOSED PLAN REFLECTS ALL SITE ELEMENTS REQUIRED BY THE APPLICABLE ADA DESIGN STANDARDS AND GUIDELINES AS PUBLISHED BY THE UNITED STATES DEPARTMENT OF JUSTICE. APPROVAL OF THIS PLAN BY THE CITY OF COLORADO SPRINGS DOES NOT ASSURE COMPLIANCE WITH THE ADA OR ANY OTHER FEDERAL OR STATE ACCESSIBILITY LAWS OR REGULATIONS OR GUIDELINES ENACTED OR PROMULGATED UNDER OR WITH RESPECT TO SUCH LAWS. SOLE RESPONSIBILITY FOR COMPLIANCE WITH FEDERAL AND STATE ACCESSIBILITY LAWS LIES WITH THE PROPERTY OWNER.

BASIS OF BEARINGS

BEARINGS ARE BASED ON WEST LINE OF SECTION 1, TOWNSHIP 15 SOUTH, RANGE 66 WEST, MONUMENTED ON THE NORTH END BY A 6" WITNESS CORNER, FOUND, 3.5" ALUMINUM CAP, "T24S R66W W.C. 6.00' S 35 S36 S2 S1 1 1/4 S R55W 2012 PLS 2431" AND ON THE SOUTH END BY A 3.5" ALUMINUM CAP, FOUND, "RMP5 19623", AND IS CONSIDERED TO BEAR N00°42'04"W.

BENCHMARK

PUBLISHED BENCHMARK
FMS MONUMENT F335
ELEVATION = 5880.39 (NAVD88)

NOTE: CONTRACTOR MUST COORDINATE WORK WITH WIDEFIELD WATER AND SANITATION DISTRICT AND EL PASO COUNTY PRIOR TO BEGINNING WORK AND IS RESPONSIBLE FOR ALL MATERIALS, LABOR, REPAIRS, ETC. TO COMPLETE WORK AND RESTORE AREA TO SAME STATE PRIOR TO STARTING WORK.

NOTE: CONTRACTOR RESPONSIBLE FOR AS-BUILT DRAWINGS, TESTS, REPORTS AND/OR ANY OTHER CERTIFICATES OR INFORMATION AS REQUIRED FOR ACCEPTANCE OF WORK FROM CITY, UTILITY DISTRICTS OR ANY OTHER GOVERNING AGENCY.

NOTE: CONTRACTOR SHALL PROTECT ALL EXISTING SURVEY MONUMENTATION. CONTRACTOR SHALL HAVE LICENSED SURVEYOR REPLACE ANY DAMAGED OR DISTURBED MONUMENTATION AT THEIR COST.

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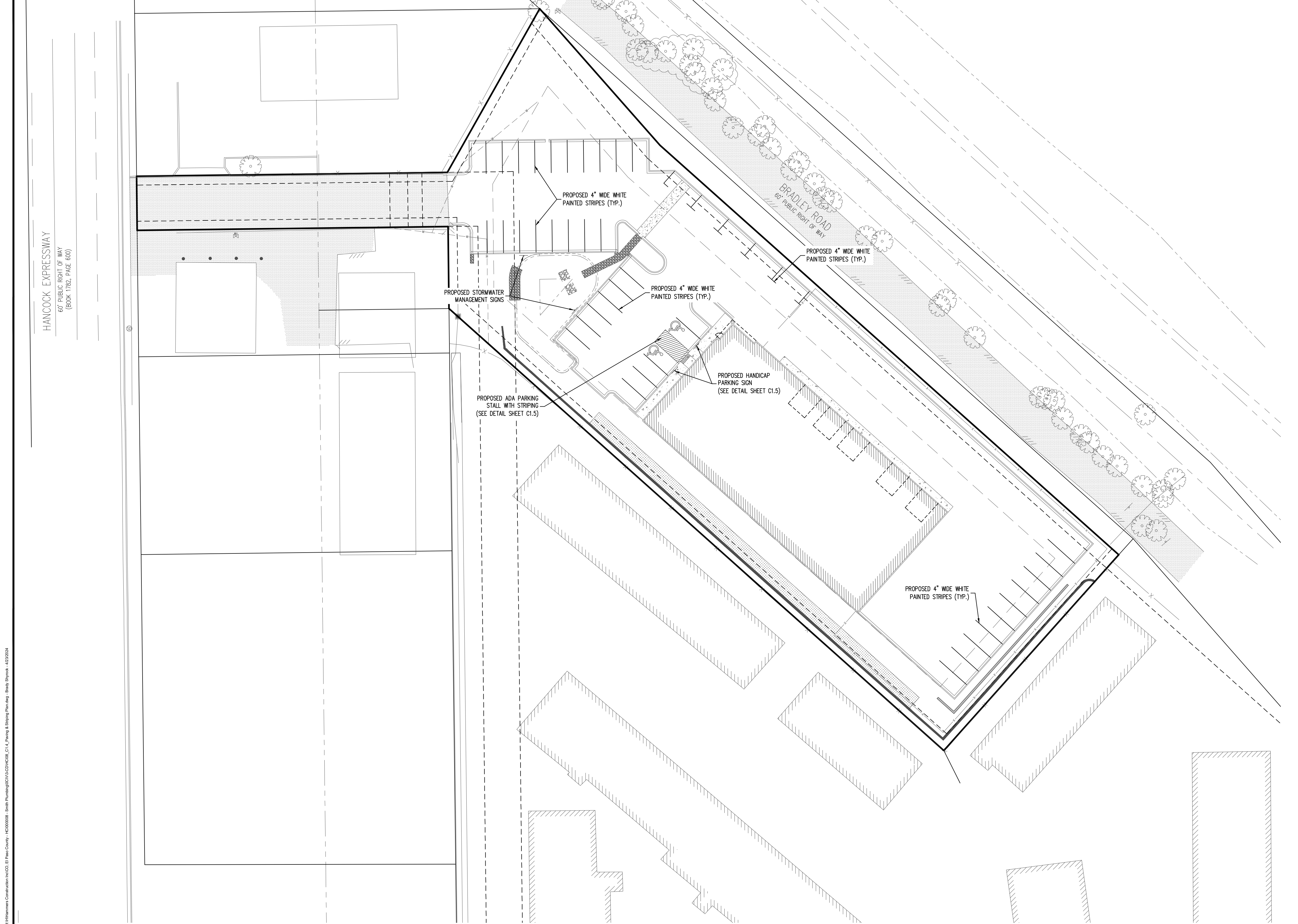
**CONSTRUCTION DOCUMENTS
SMITH PLUMBING & HEATING
FOR
HAMMERS CONSTRUCTION, LLC**
1875 MAIN STREET
COLORADO SPRINGS, CO 80911 - EL PASO COUNTY

#	Date	Issue / Description	Init.

Project No: HCl000008
Drawn By: TPT
Checked By:
Date:

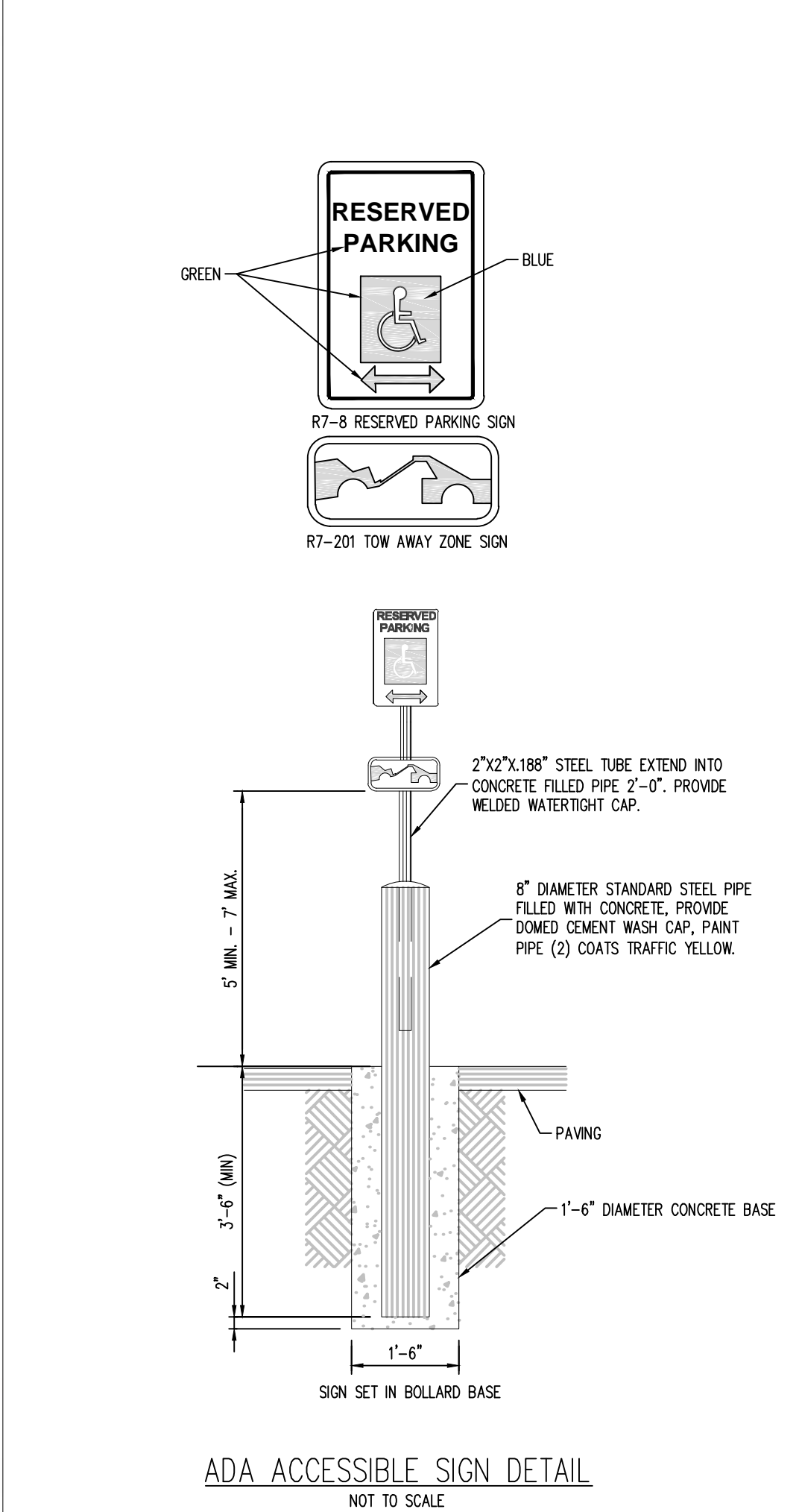
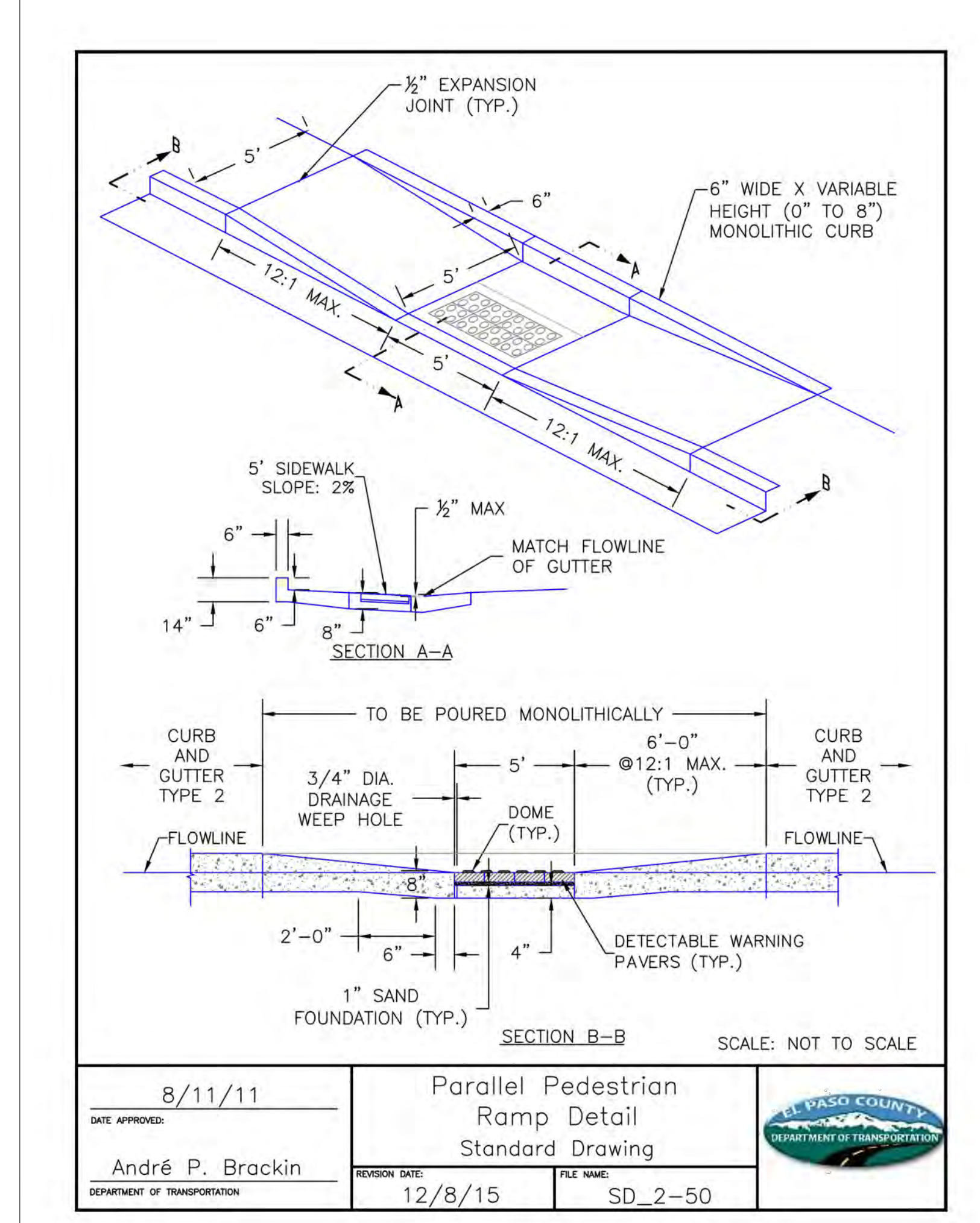
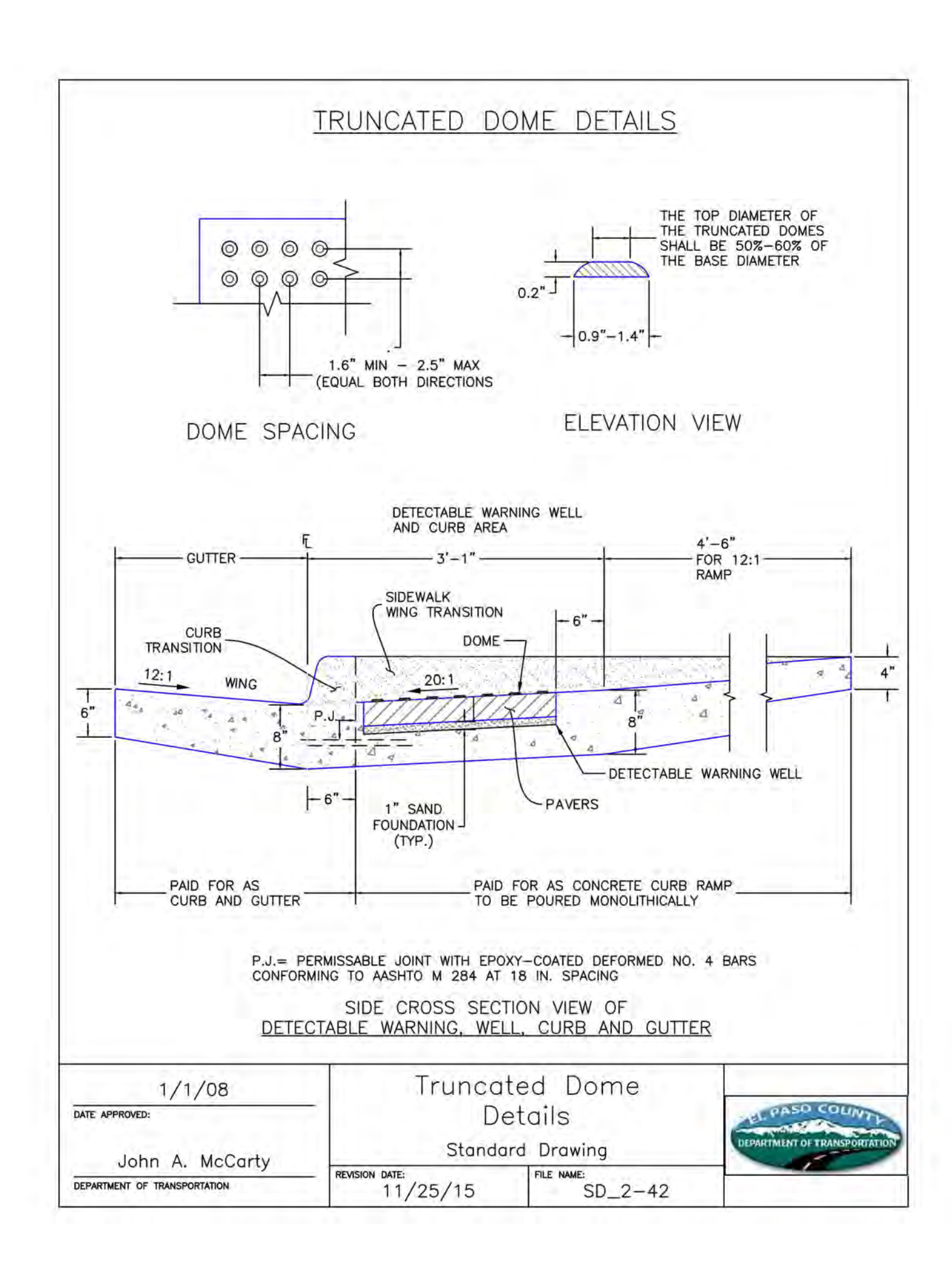
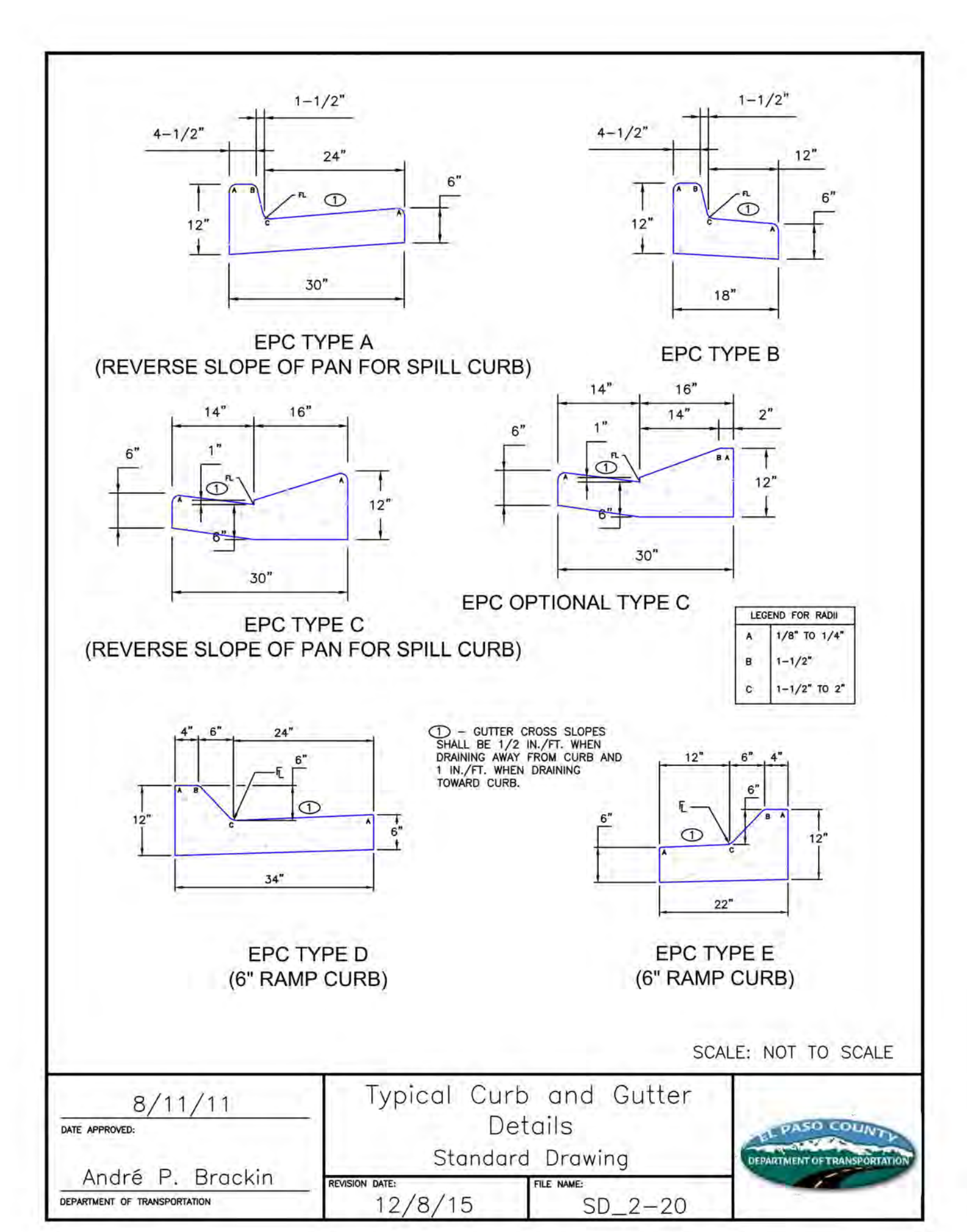
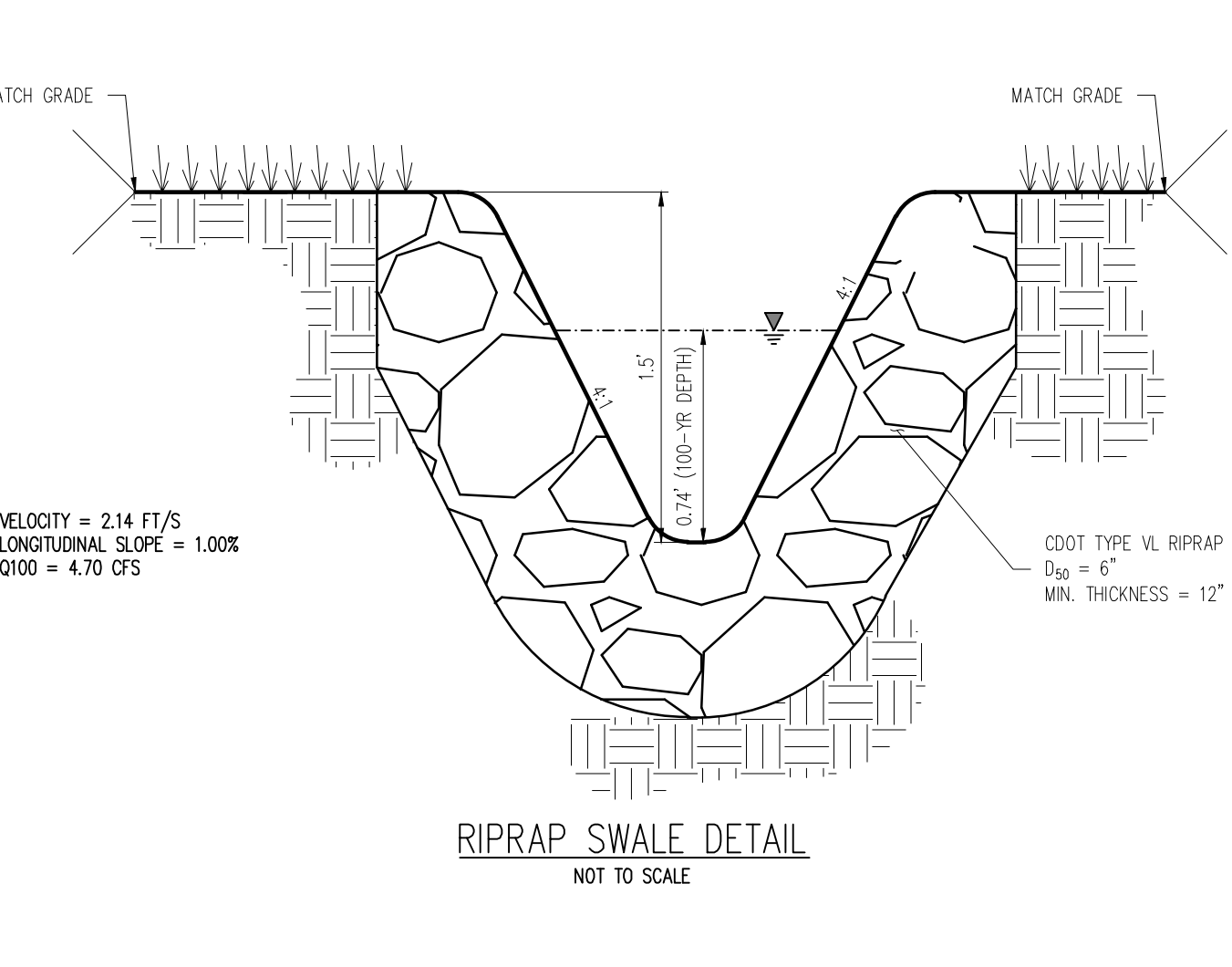
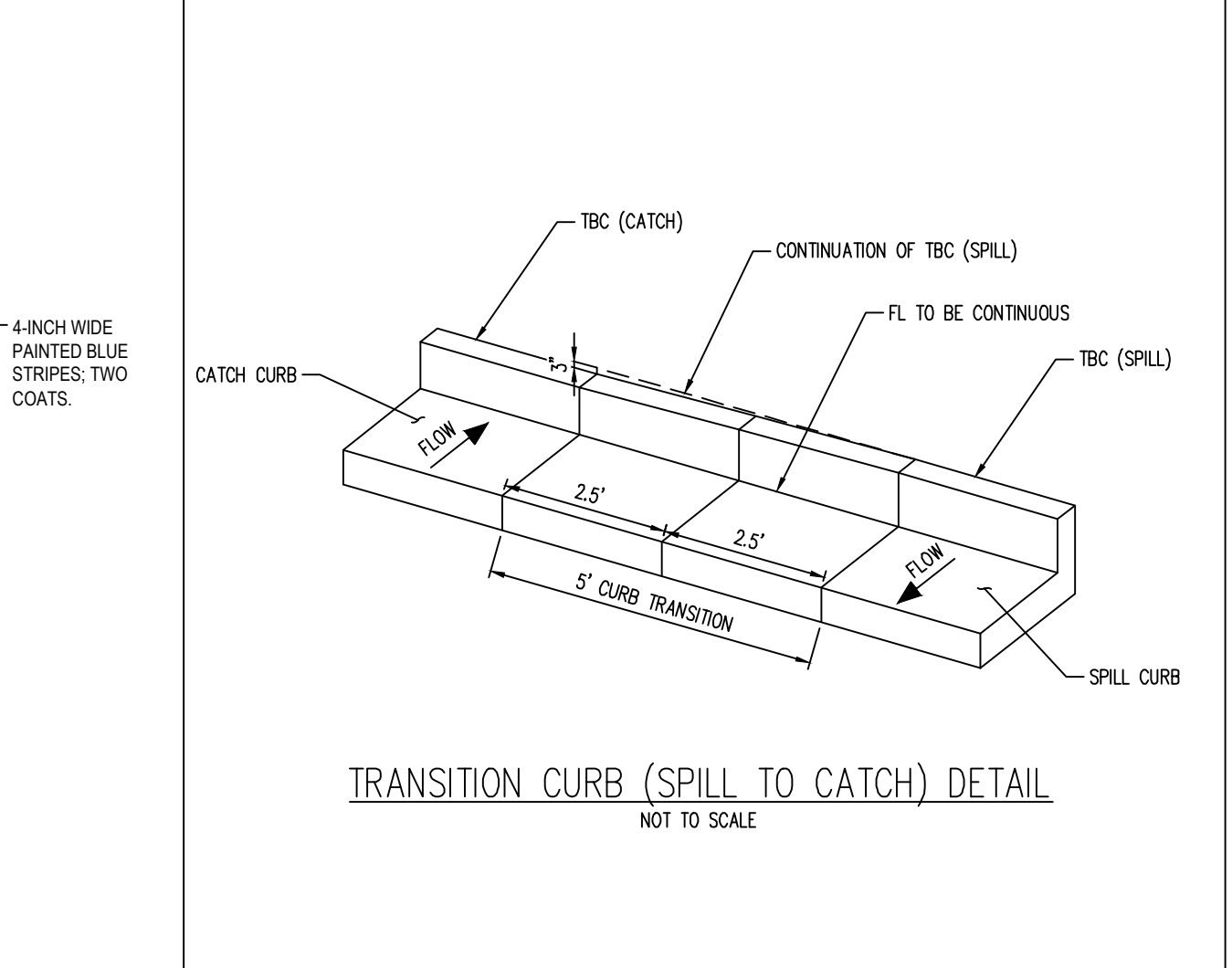
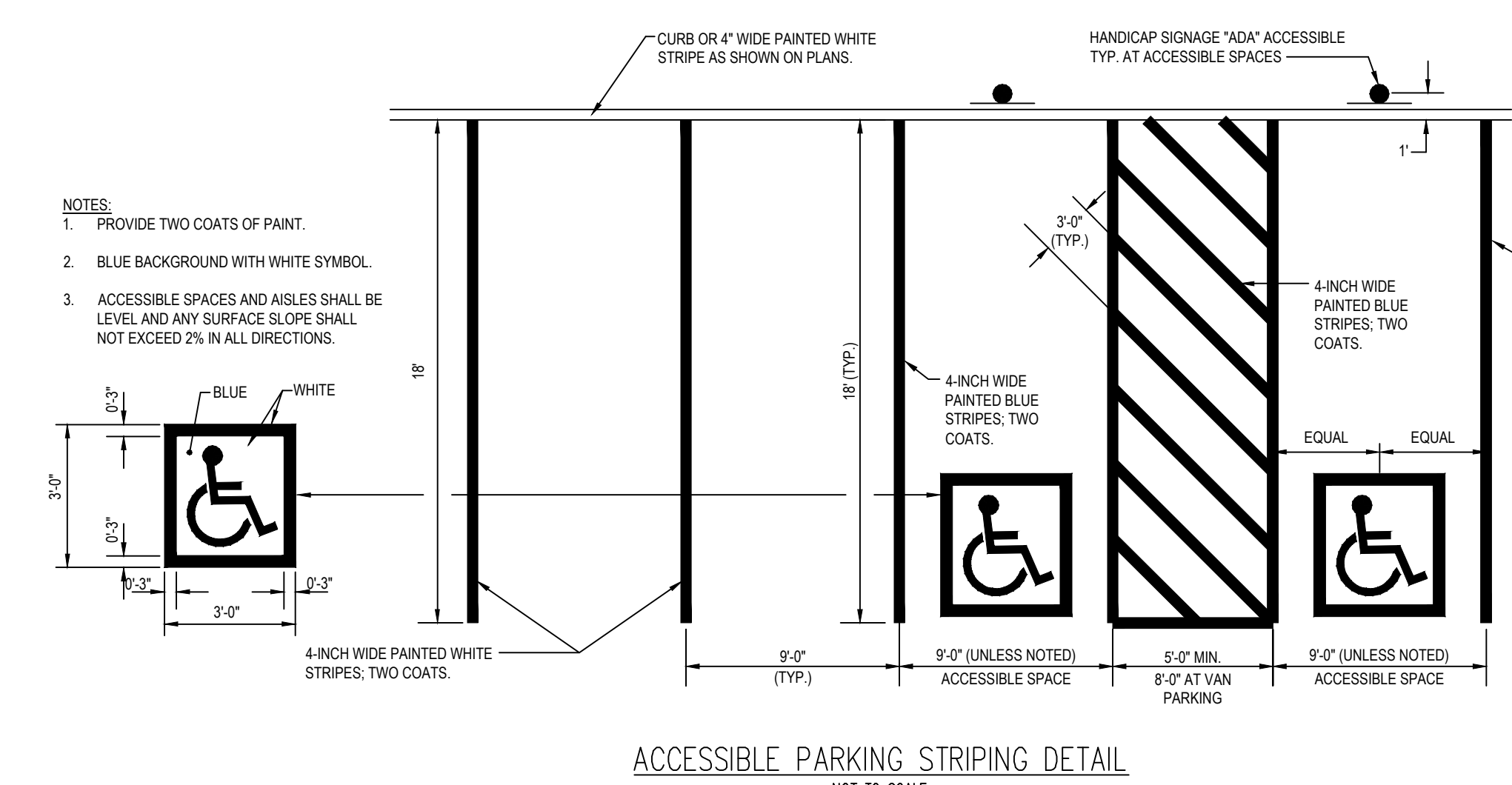
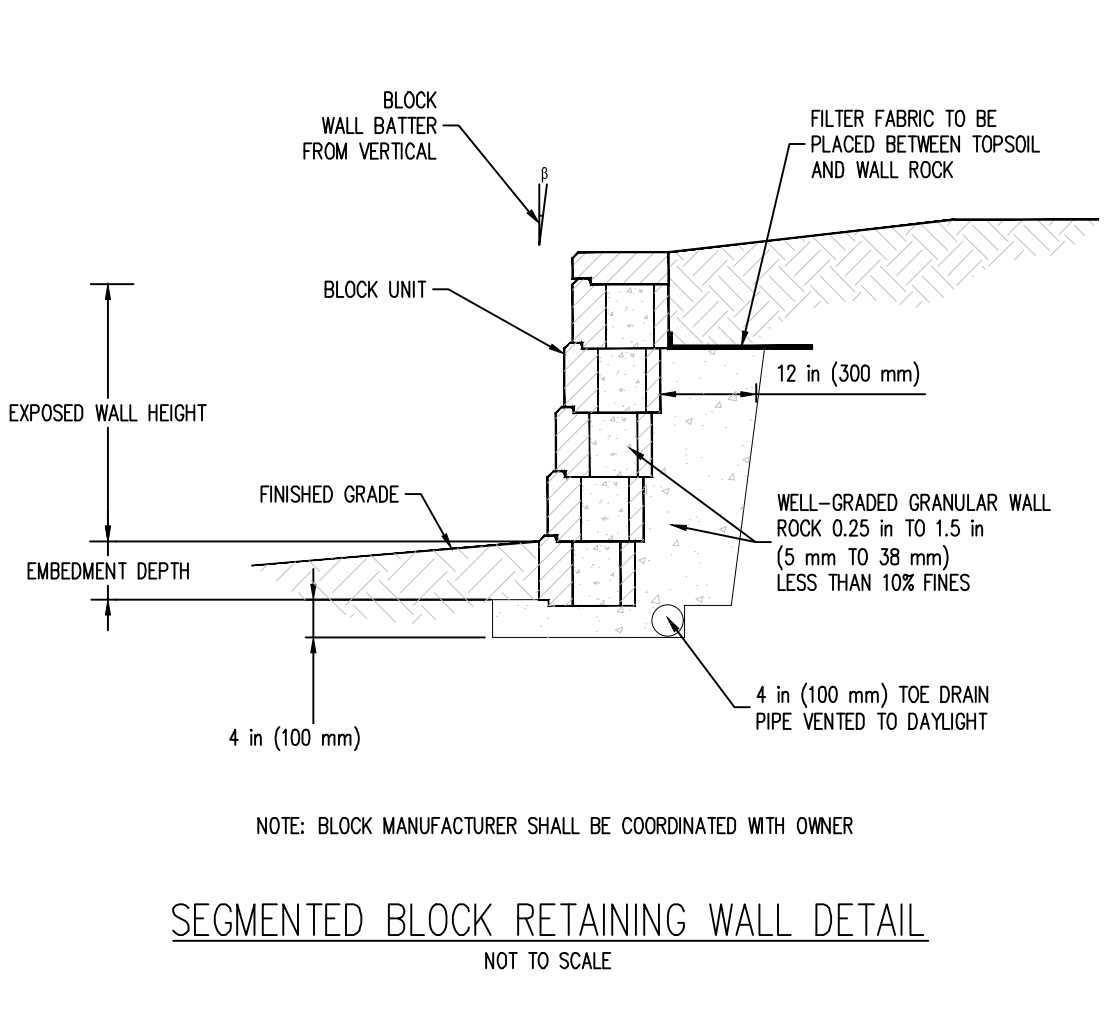
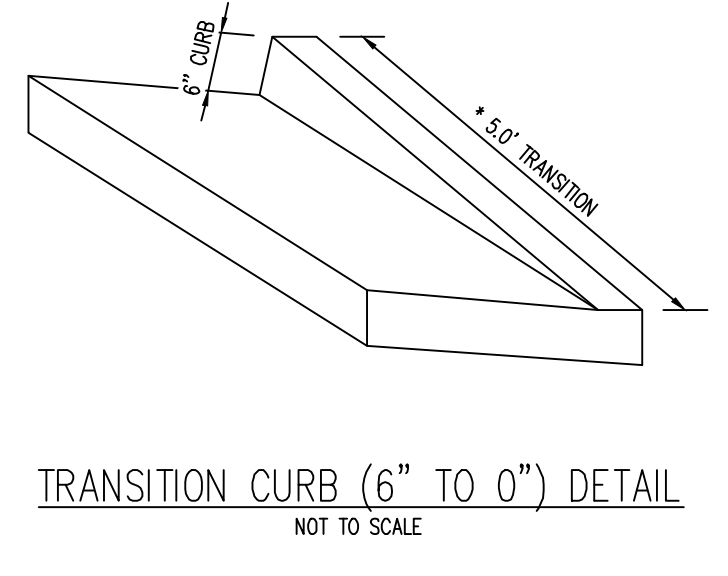
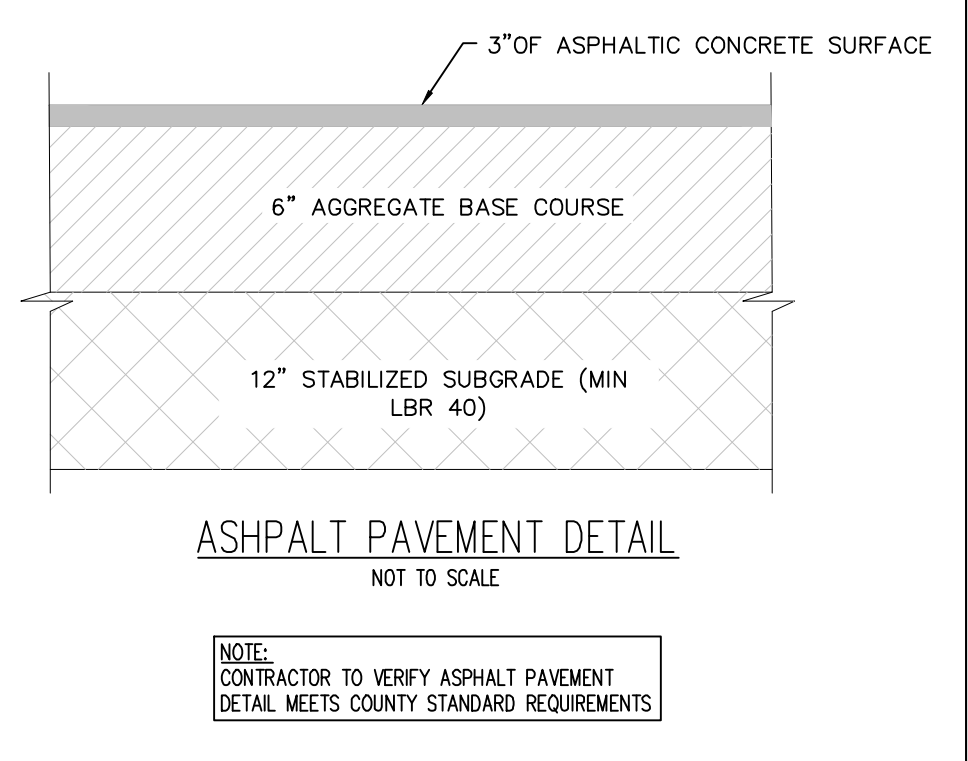
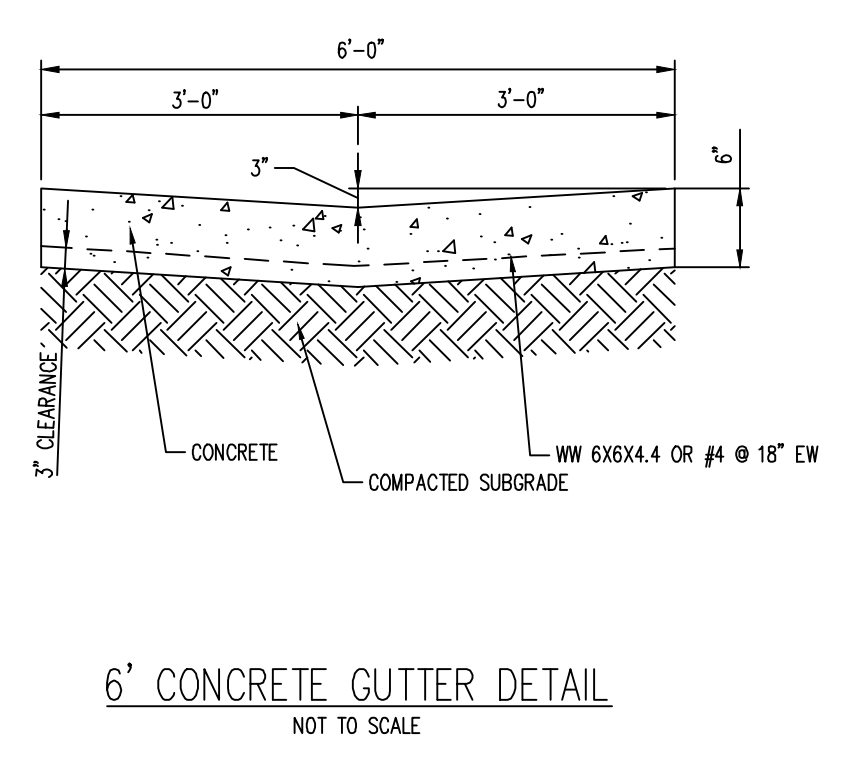
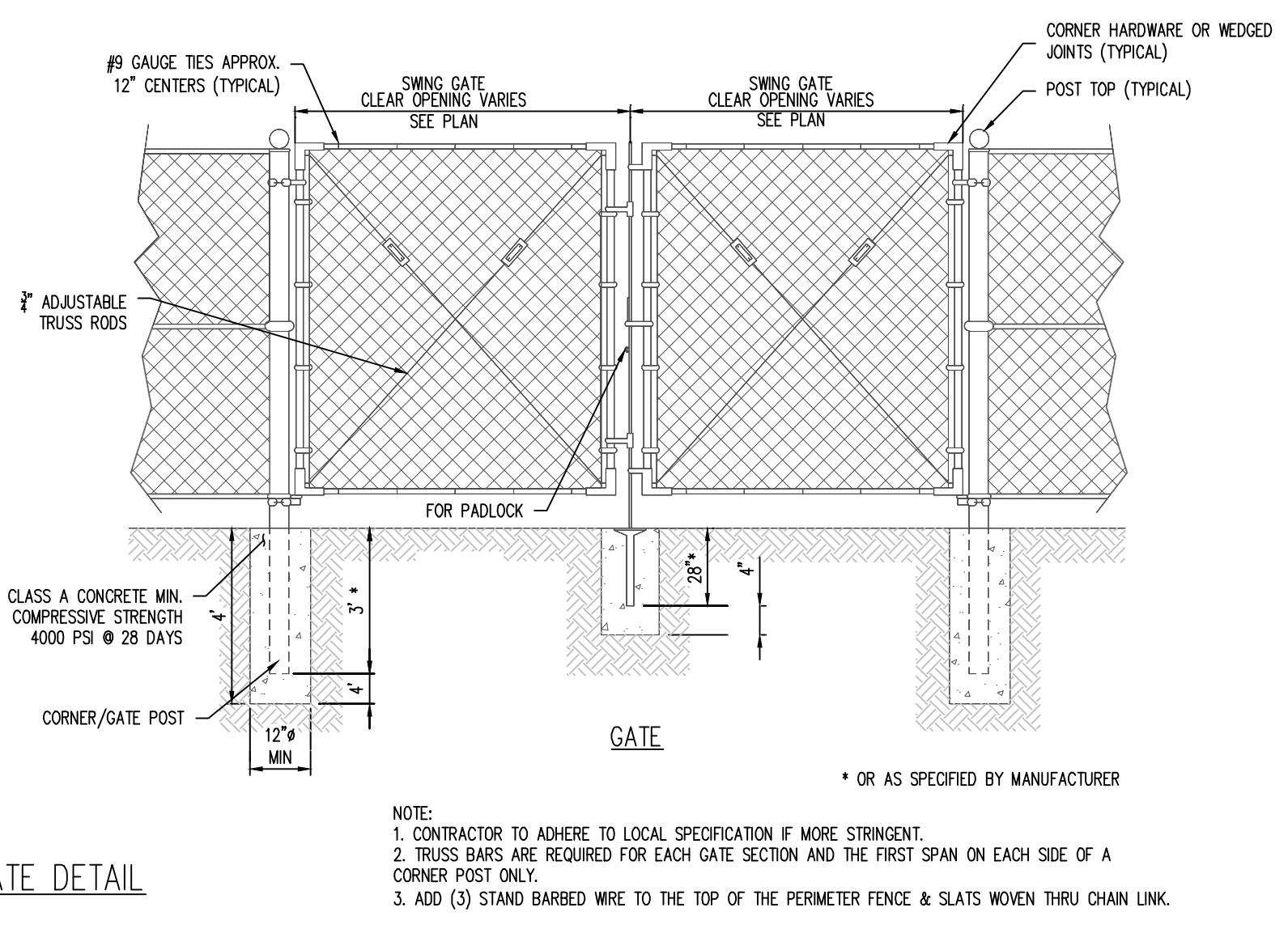
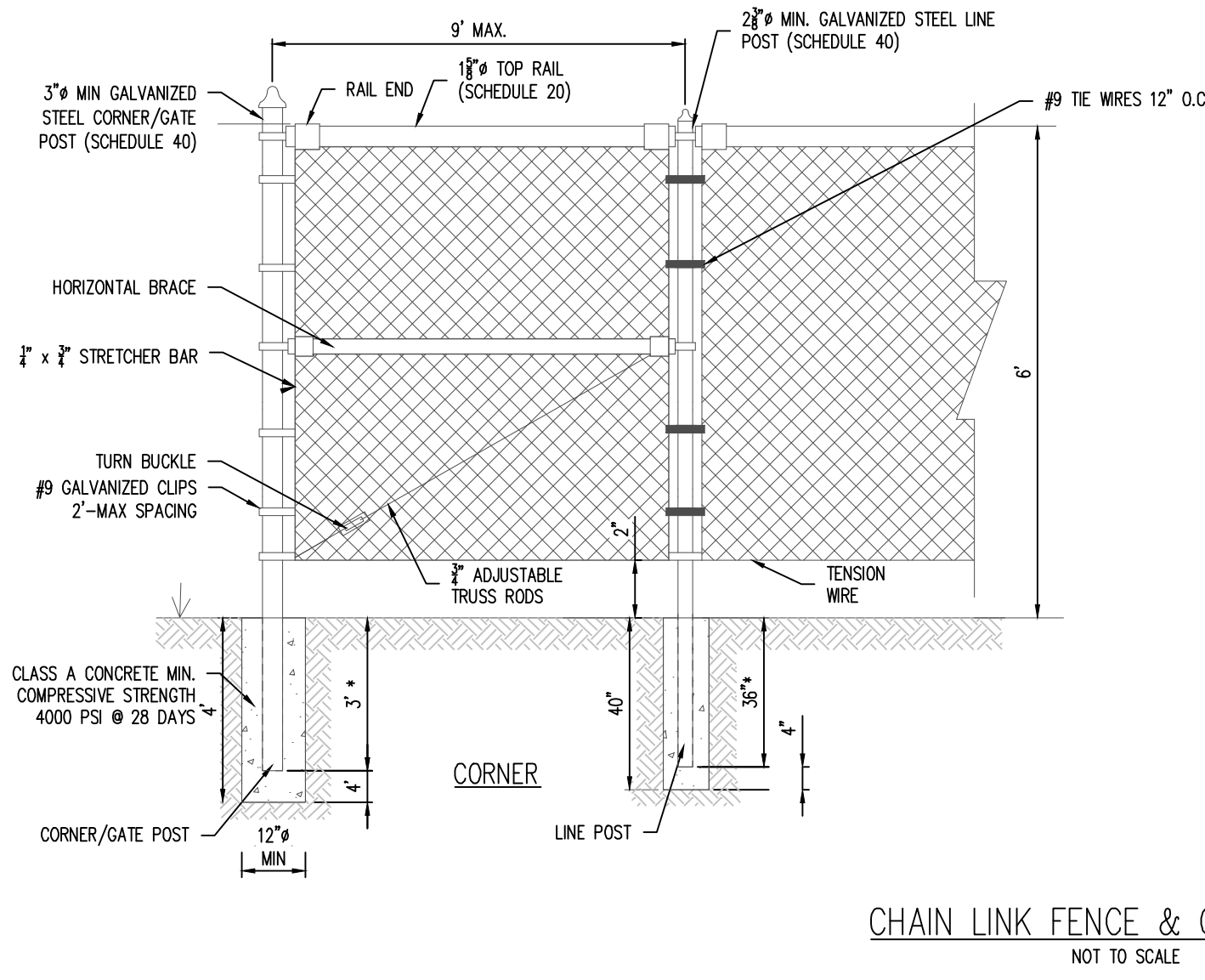
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C1.4
Sheet 6 of 18

HANCOCK EXPRESSWAY
60' PUBLIC RIGHT OF WAY
(BOOK 192L PAGE 600)



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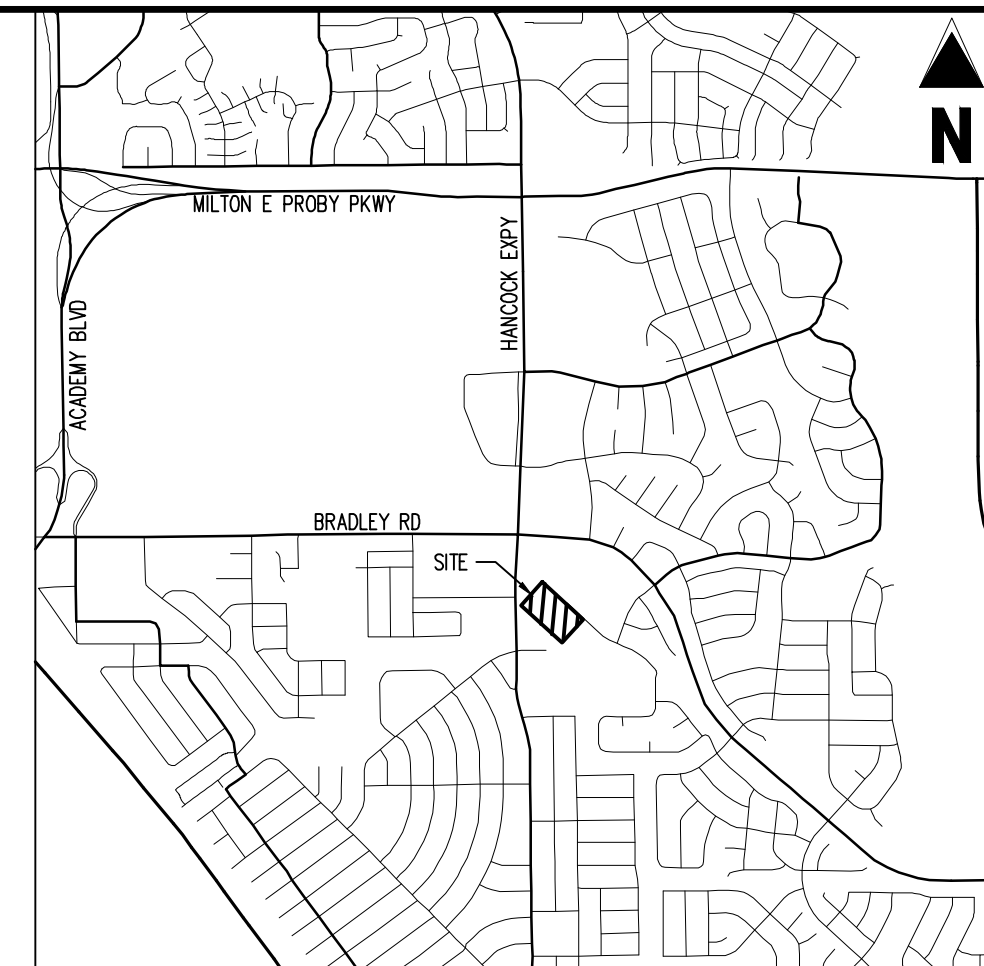


CONSTRUCTION DOCUMENTS
SMITH PLUMBING & HEATING FOR
HAMMERS CONSTRUCTION, LLC
1875 MAIN STREET
COLORADO SPRINGS, CO 80911 - EL PASO COUNTY

#	Date	Issue / Description	Init.

Project No: HCI000008
 Drawn By: TPPT
 Checked By:
 Date: 05/20/2021

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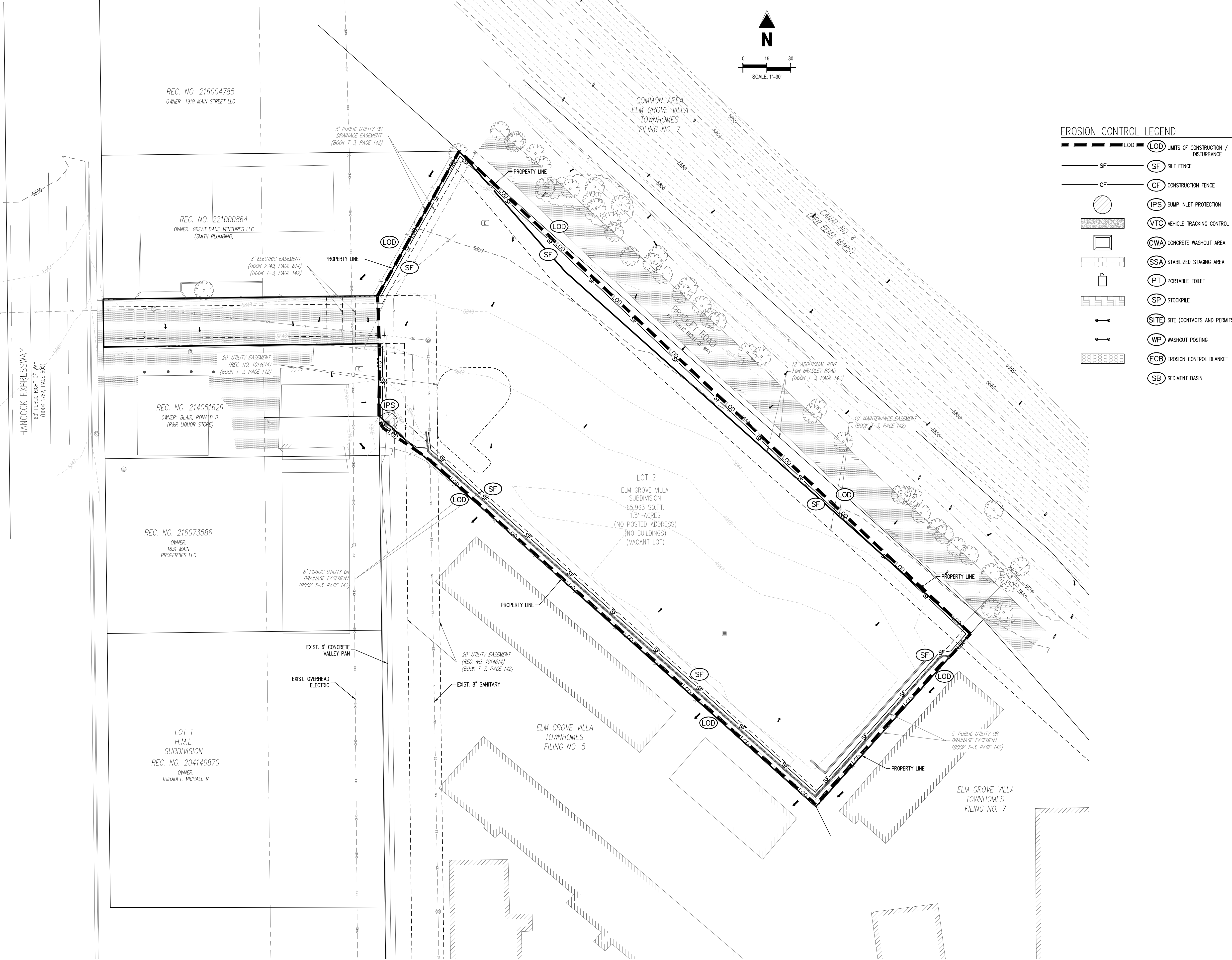
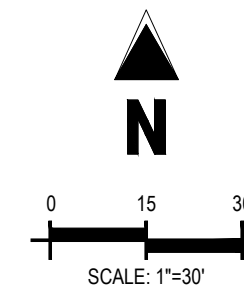
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**CONSTRUCTION DOCUMENTS
SMITH PLUMBING & HEATING
FOR
HAMMERS CONSTRUCTION, LLC**
 1875 MAIN STREET
 COLORADO SPRINGS, CO 80911 - EL PASO COUNTY



EROSION CONTROL LEGEND

- LOD** LIMITS OF CONSTRUCTION / DISTURBANCE
- SF** SILT FENCE
- CF** CONSTRUCTION FENCE
- IPS** SUMP INLET PROTECTION
- VTC** VEHICLE TRACKING CONTROL
- CWA** CONCRETE WASHOUT AREA
- SSA** STABILIZED STAGING AREA
- PT** PORTABLE TOILET
- SP** STOCKPILE
- SITE** SITE (CONTACTS AND PERMITS)
- WP** WASHOUT POSTING
- ECB** EROSION CONTROL BLANKET
- SB** SEDIMENT BASIN

GRADING LEGEND

- PROPERTY BOUNDARY LINE**
- ADJACENT PROPERTY BOUNDARY LINE**
- PROPOSED SETBACK**
- EXISTING EASEMENT LINE**
- PROPOSED BUILDING OUTLINE**
- EXISTING ASPHALT EDGE**
- EXISTING MAJOR CONTOUR**
- EXISTING MINOR CONTOUR**
- PROPOSED MAJOR CONTOUR**
- PROPOSED MINOR CONTOUR**
- PROPOSED WATER LINE**
- EXISTING WATER LINE**
- PROPOSED SANITARY SEWER LINE**
- EXISTING SANITARY SEWER LINE**
- PROPOSED STORM DRAIN LINE**
- EXISTING STORM DRAIN LINE**
- PROPOSED DRAINAGE FEATURE OUTLINE**
- PROPOSED SWALE WITH FLOW DIRECTION**
- EXISTING TOE SLOPE**
- EXISTING TOP SLOPE**
- CUT / FILL**
- PROPOSED RETAINING WALL**
- EXISTING RETAINING WALL**
- PROPOSED RIP RAP**
- EXISTING ASPHALT PAVING**
- SPOT ELEVATION - HIGH POINT**
- SPOT ELEVATION - LOW POINT**
- SPOT ELEVATION - FINISH GRADE**
- PROPOSED SLOPE (PERCENT)**
- PROPOSED SLOPE (RISE-RUN)**
- FLOW ARROW**

NOTES

1. ADD 5800 TO ALL SPOT ELEVATIONS
2. THE PLAN SHALL NOT SUBSTANTIALLY CHANGE THE DEPTH OF COVER, OR ACCESS TO UTILITY FACILITIES. ADDITIONALLY, THE PLAN SHALL NOT INCREASE OR DIVERT WATER TOWARDS UTILITY FACILITIES. ANY CHANGES TO UTILITY FACILITIES TO ACCOMMODATE THE PLAN MUST BE DISCUSSED AND AGREED TO BY THE AFFECTED UTILITY PRIOR TO IMPLEMENTING THE PLAN. THE RESULTING COST TO RELOCATE/PROTECT UTILITIES, OR PROVIDE INTERIM ACCESS IS AT THE EXPENSE OF THE PLAN APPLICANT.
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7. EXISTING VEGETATION CONSISTS OF NATURAL GRASSES AND SHRUBS.

EROSION CONTROL PHASING SCHEDULE

PHASE	DESCRIPTION
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FINAL	CONSTRUCT CURB/GUTTER AND PAVEMENT. REMOVE CONSTRUCTION BMP'S ONCE VERTICAL CONSTRUCTION AND APPLICABLE LANDSCAPING IS COMPLETE.

BASIS OF BEARINGS

BEARINGS ARE BASED ON WEST LINE OF SECTION 1, TOWNSHIP 15 SOUTH, RANGE 66 WEST, MONUMENTED ON THE NORTH END BY A 6\"/>

BENCHMARK

PUBLISHED BENCHMARK
FMS MONUMENT F335
ELEVATION = 5980.39 (NAVD88)

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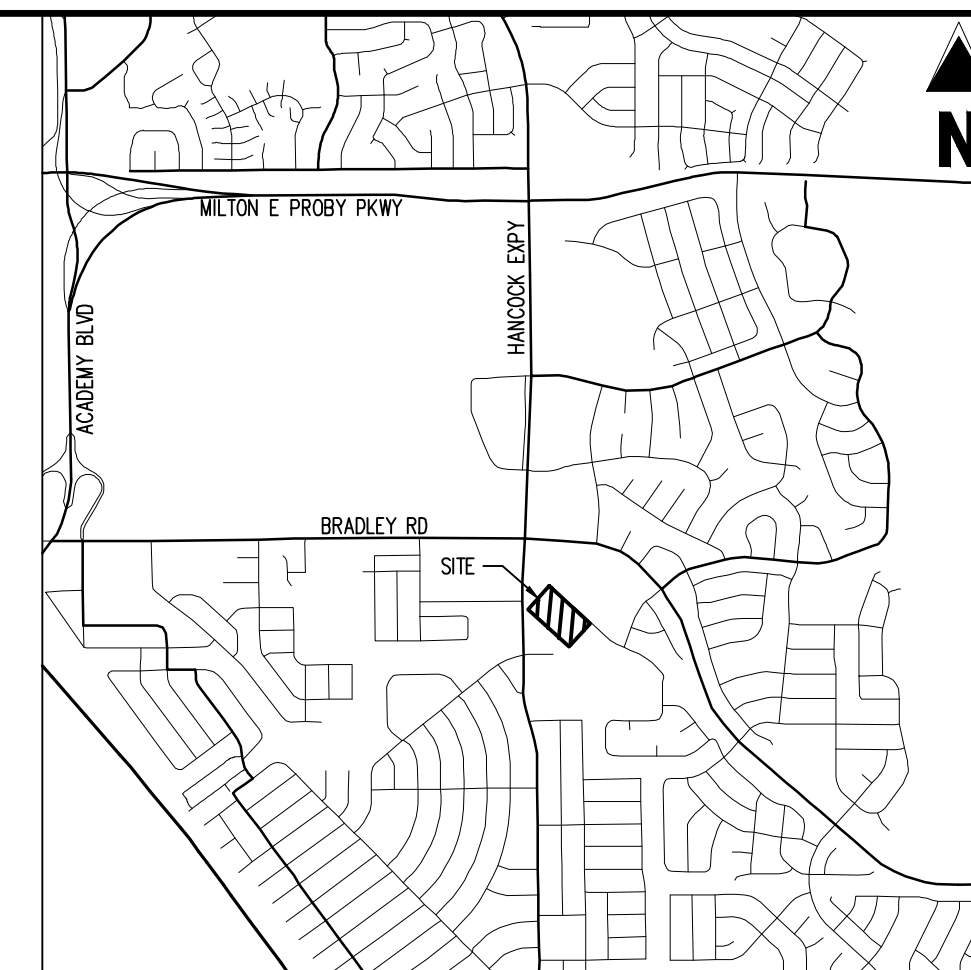


#	Date	Issue / Description	Init.

Project No: HCl000008
 Drawn By: TPPT
 Checked By:
 Date: 05/20/2024
EROSION CONTROL PLAN

PCD FILING NO. PPR2143
C2.1
 Sheet 8 of 18

ENGINEERING RECORD DRAWINGS AS-BUILT DRAWINGS



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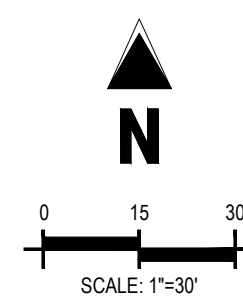
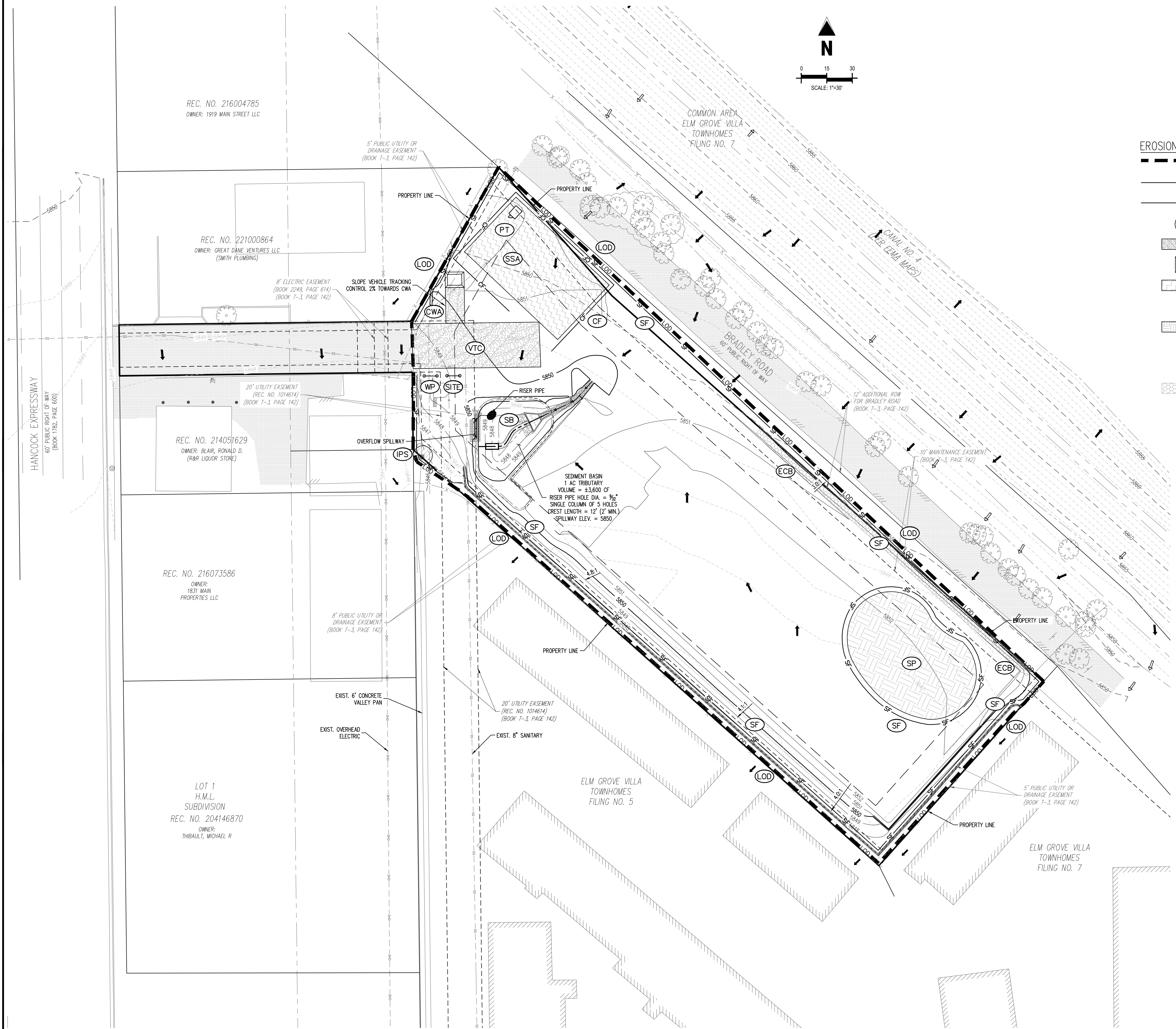


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**CONSTRUCTION DOCUMENTS
SMITH PLUMBING & HEATING
FOR
HAMMERS CONSTRUCTION, LLC**

1875 MAIN STREET
COLORADO SPRINGS, CO 80911 - EL PASO COUNTY



EROSION CONTROL LEGEND

---	LOD	LIMITS OF CONSTRUCTION / DISTURBANCE
---	SF	SILT FENCE
---	CF	CONSTRUCTION FENCE
○	IPS	SUMP INLET PROTECTION
□	VTC	VEHICLE TRACKING CONTROL
□	CWA	CONCRETE WASHOUT AREA
□	SSA	STABILIZED STAGING AREA
○	PT	PORTABLE TOILET
○	SP	STOCKPILE
○	SITE	SITE (CONTACTS AND PERMITS)
○	WP	WASHOUT POSTING
○	ECB	EROSION CONTROL BLANKET
○	SB	SEDIMENT BASIN

GRADING LEGEND

---	---	PROPERTY BOUNDARY LINE
---	---	ADJACENT PROPERTY BOUNDARY LINE
---	---	PROPOSED SETBACK
---	---	EXISTING EASEMENT LINE
---	---	PROPOSED BUILDING OUTLINE
---	---	EXISTING ASPHALT EDGE
---	---	EXISTING MAJOR CONTOUR
---	---	EXISTING MINOR CONTOUR
---	---	PROPOSED MAJOR CONTOUR
---	---	PROPOSED MINOR CONTOUR
---	---	PROPOSED WATER LINE
---	---	EXISTING WATER LINE
---	---	PROPOSED SANITARY SEWER LINE
---	---	EXISTING SANITARY SEWER LINE
---	---	PROPOSED STORM DRAIN LINE
---	---	EXISTING STORM DRAIN LINE
---	---	PROPOSED DRAINAGE FEATURE OUTLINE
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---	---	PROPOSED RETAINING WALL
---	---	EXISTING RETAINING WALL
---	---	PROPOSED RIP RAP
---	---	EXISTING ASPHALT PAVING
---	---	SPOT ELEVATION - HIGH POINT
---	---	SPOT ELEVATION - LOW POINT
---	---	SPOT ELEVATION - FINISH GRADE
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---	---	PROPOSED SLOPE (RISE-RUN)
---	---	FLOW ARROW

- ### NOTES
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EROSION CONTROL PHASING SCHEDULE

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BENCHMARK
PUBLISHED BENCHMARK
FMS MONUMENT F335
ELEVATION = 5980.39 (NAVD88)

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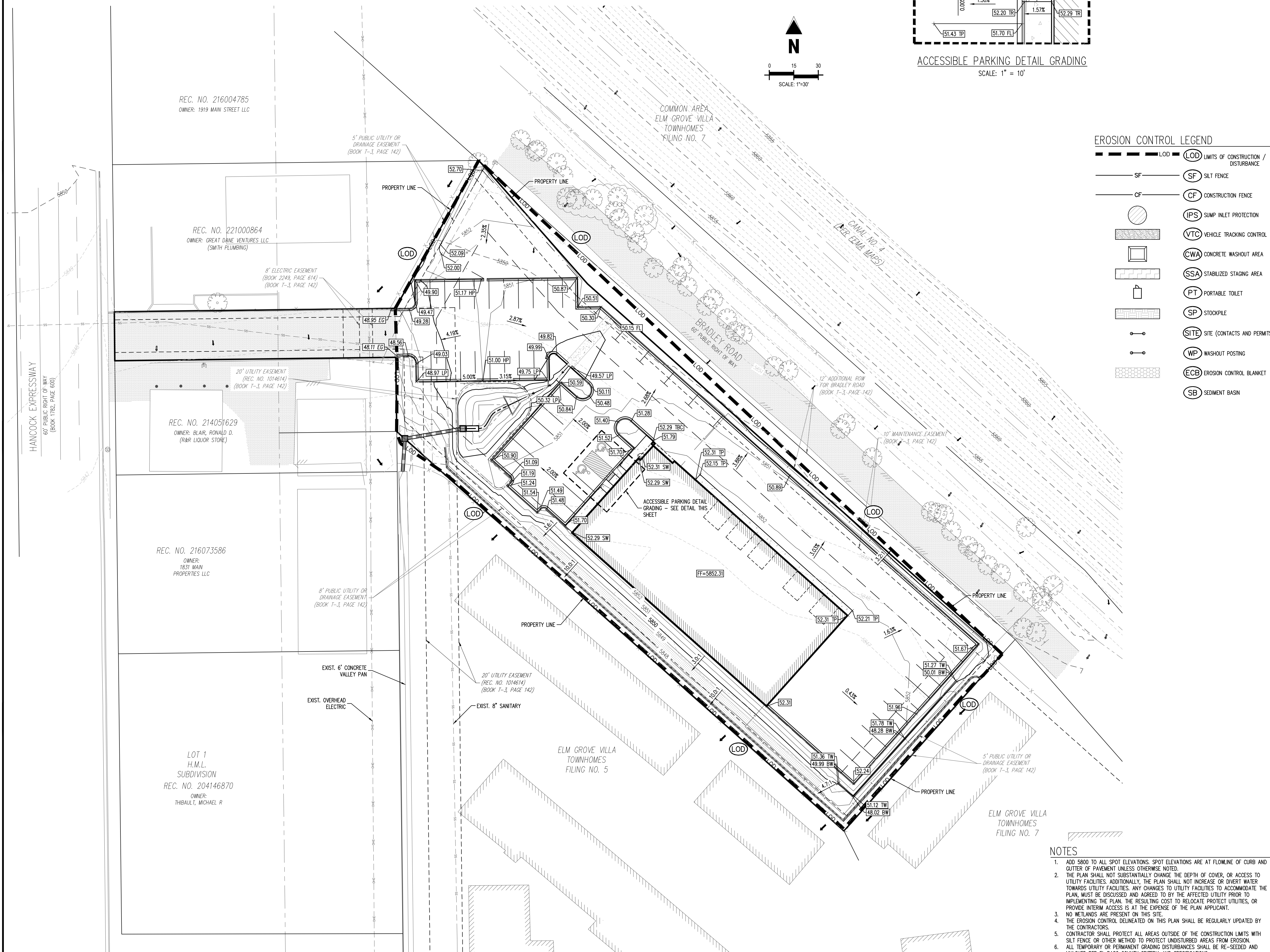
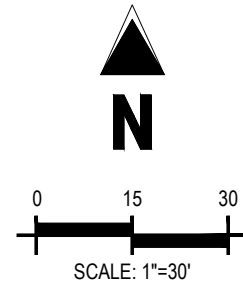
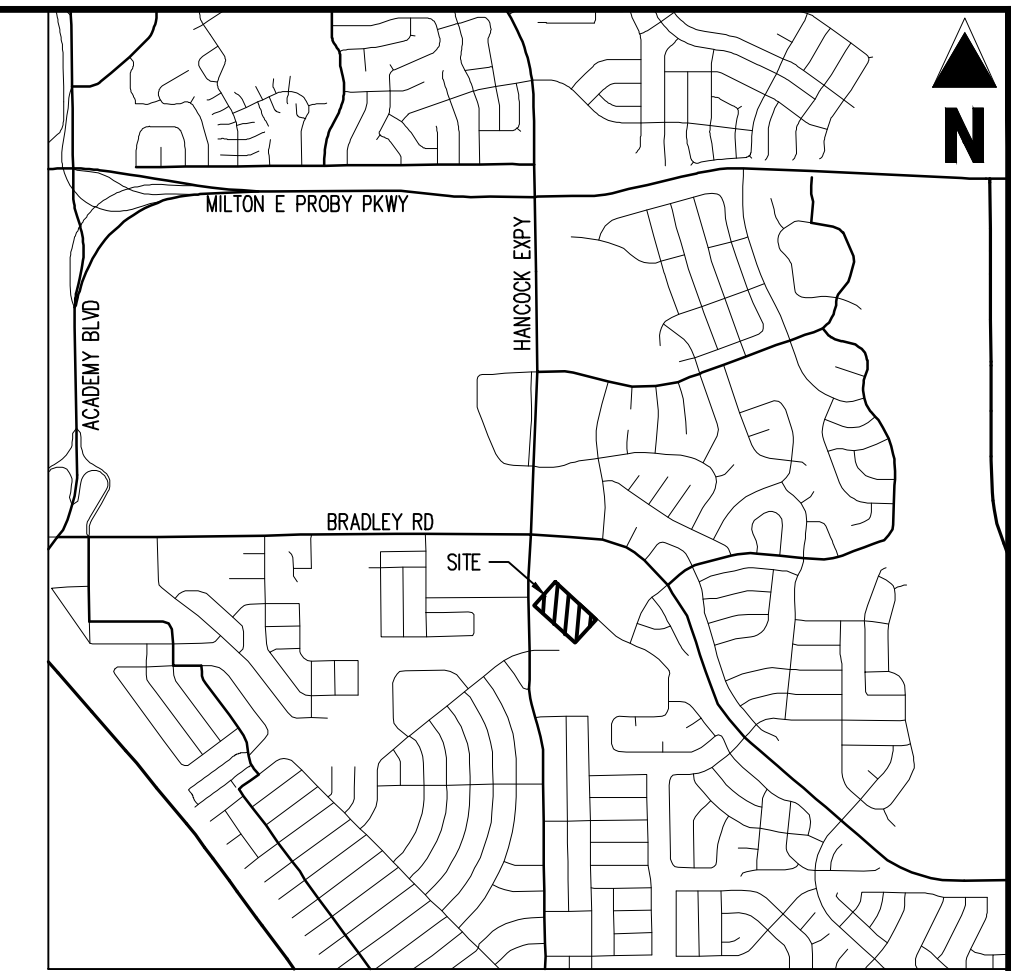
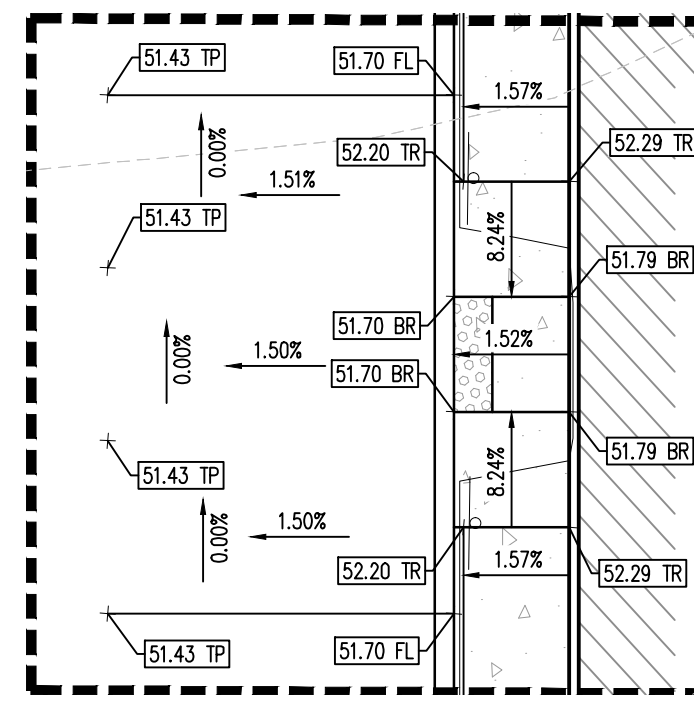


#	Date	Issue / Description	Init.

Project No: HCl000008
Drawn By: TPT
Checked By: [Signature]
Date: 05/29/2024
**EROSION CONTROL
INTERIM PLAN**

PCD FILING NO. PPR2143
C2.2
Sheet 9 of 18

ENGINEERING RECORD DRAWINGS AS-BUILT DRAWINGS



EROSION CONTROL LEGEND

- LOD LIMITS OF CONSTRUCTION / DISTURBANCE
- SF SILT FENCE
- CF CONSTRUCTION FENCE
- IPS SUMP INLET PROTECTION
- VTC VEHICLE TRACKING CONTROL
- CWA CONCRETE WASHOUT AREA
- SSA STABILIZED STAGING AREA
- PT PORTABLE TOILET
- SP STOCKPILE
- SITE SITE (CONTACTS AND PERMITS)
- WP WASHOUT POSTING
- ECB EROSION CONTROL BLANKET
- SB SEDIMENT BASIN

GRADING LEGEND

- PROPERTY BOUNDARY LINE
- ADJACENT PROPERTY BOUNDARY LINE
- PROPOSED SETBACK
- EXISTING EASEMENT LINE
- PROPOSED BUILDING OUTLINE
- EXISTING ASPHALT EDGE
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- PROPOSED WATER LINE
- EXISTING WATER LINE
- PROPOSED SANITARY SEWER LINE
- EXISTING SANITARY SEWER LINE
- EXISTING STORM DRAIN LINE
- EXISTING STORM DRAIN LINE
- PROPOSED DRAINAGE FEATURE OUTLINE
- PROPOSED SWALE WITH FLOW DIRECTION
- EXISTING TOE SLOPE
- EXISTING TOP SLOPE
- CUT / FILL
- PROPOSED RETAINING WALL
- EXISTING RETAINING WALL
- PROPOSED RIP RAP
- EXISTING ASPHALT PAVING
- SPOT ELEVATION - EXISTING GRADE
- SPOT ELEVATION - HIGH POINT
- SPOT ELEVATION - LOW POINT
- SPOT ELEVATION - SIDEWALK
- SPOT ELEVATION - FLOW LINE
- SPOT ELEVATION - TOP OF WALL
- SPOT ELEVATION - BOTTOM OF WALL
- SPOT ELEVATION - TOP OF RAMP
- SPOT ELEVATION - BOTTOM OF RAMP
- SPOT ELEVATION - TOP OF PAVEMENT
- PROPOSED SLOPE (PERCENT)
- PROPOSED SLOPE (RISE:RUN)
- FLOW ARROW

EROSION CONTROL PHASING SCHEDULE

PHASE	DESCRIPTION
INITIAL	INSTALL SILT FENCE, ALL INLET PROTECTION MEASURES ON EXISTING INLETS, AND CURB SOCKS.
INTERIM	INSTALL PROPOSED WATER QUALITY CAPTURE VOLUME DETENTION BASIN W/ ALL PERMANENT CONTROL MEASURES, THEN, INSTALL STABILIZED STAGING AREA, VEHICLE TRACKING CONTROL AT ENTRANCE, AND CONCRETE WASHOUT AREA. FINALLY, INSTALL PROPOSED STORM SEWER.
FINAL	CONSTRUCT CURB/GUTTER AND PAVEMENT. REMOVE CONSTRUCTION BMP'S ONCE VERTICAL CONSTRUCTION AND APPLICABLE LANDSCAPING IS COMPLETE.

BASIS OF BEARINGS

BEARINGS ARE BASED ON WEST LINE OF SECTION 1, TOWNSHIP 15 SOUTH, RANGE 66 WEST, MONUMENTED ON THE NORTH END BY A 6" WITNESS CORNER, FOUND, 3.5" ALUMINUM CAP, "T24S R66W W.C. 6.00' S 35 S36 S2 S1 T1 S R55W 2012 PLS 24313" AND ON THE SOUTH END BY A 3.5" ALUMINUM CAP, FOUND, "RMP5 19625", AND IS CONSIDERED TO BEAR 00°42'04"W.

BENCHMARK

PUBLISHED BENCHMARK
FMS MONUMENT F335
ELEVATION = 5980.39 (NAVD88)

CAUTION - NOTICE TO CONTRACTOR

- ALL UTILITY LOCATIONS SHOWN ARE BASED ON MAPS PROVIDED BY THE APPROPRIATE UTILITY COMPANY AND FIELD SURFACE EVIDENCE AT THE TIME OF SURVEY AND IS TO BE CONSIDERED AN APPROXIMATE LOCATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE FIELD LOCATION OF ALL UTILITIES, PUBLIC OR PRIVATE, WHETHER SHOWN ON THE PLANS OR NOT, PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.
- WHERE A PROPOSED UTILITY CROSSES AN EXISTING UTILITY, IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF SUCH EXISTING UTILITY, EITHER THROUGH POT-HOLING OR ALTERNATIVE METHOD. REPORT INFORMATION TO THE ENGINEER PRIOR TO CONSTRUCTION.

NOTES

- ADD 5800 TO ALL SPOT ELEVATIONS. SPOT ELEVATIONS ARE AT FLOWLINE OF CURB AND GUTTER OF PAVEMENT UNLESS OTHERWISE NOTED.
- THE PLAN SHALL NOT SUBSTANTIALLY CHANGE THE DEPTH OF COVER, OR ACCESS TO UTILITY FACILITIES. ADDITIONALLY, THE PLAN SHALL NOT INCREASE OR DIVERT WATER TOWARDS UTILITY FACILITIES. ANY CHANGES TO UTILITY FACILITIES TO ACCOMMODATE THE PLAN, MUST BE DISCUSSED AND AGREED TO BY THE AFFECTED UTILITY PRIOR TO IMPLEMENTING THE PLAN. THE RESULTING COST TO RELOCATE PROTECT UTILITIES, OR PROVIDE INTERIM ACCESS IS AT THE EXPENSE OF THE PLAN APPLICANT.
- NO WETLANDS ARE PRESENT ON THIS SITE.
- THE EROSION CONTROL DELINEATED ON THIS PLAN SHALL BE REGULARLY UPDATED BY THE CONTRACTORS.
- CONTRACTOR SHALL PROTECT ALL AREAS OUTSIDE OF THE CONSTRUCTION LIMITS WITH SILT FENCE OR OTHER METHOD TO PROTECT UNDISTURBED AREAS FROM EROSION.
- ALL TEMPORARY OR PERMANENT GRADING DISTURBANCES SHALL BE RE-SEEDED AND MULCHED PER EL PASO COUNTY CRITERIA AND SPECIFICATIONS.
- EXISTING VEGETATION CONSISTS OF NATURAL GRASSES AND SHRUBS.



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CONSTRUCTION DOCUMENTS
SMITH PLUMBING & HEATING
FOR
HAMMERS CONSTRUCTION, LLC
1875 MAIN STREET
COLORADO SPRINGS, CO 80911 - EL PASO COUNTY

#	Date	Issue / Description	Init.

Project No: HCl000008

Drawn By: TPT

Checked By:

Date: 05/20/2024

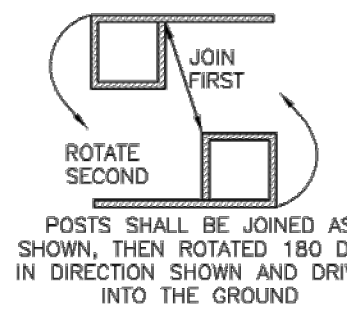
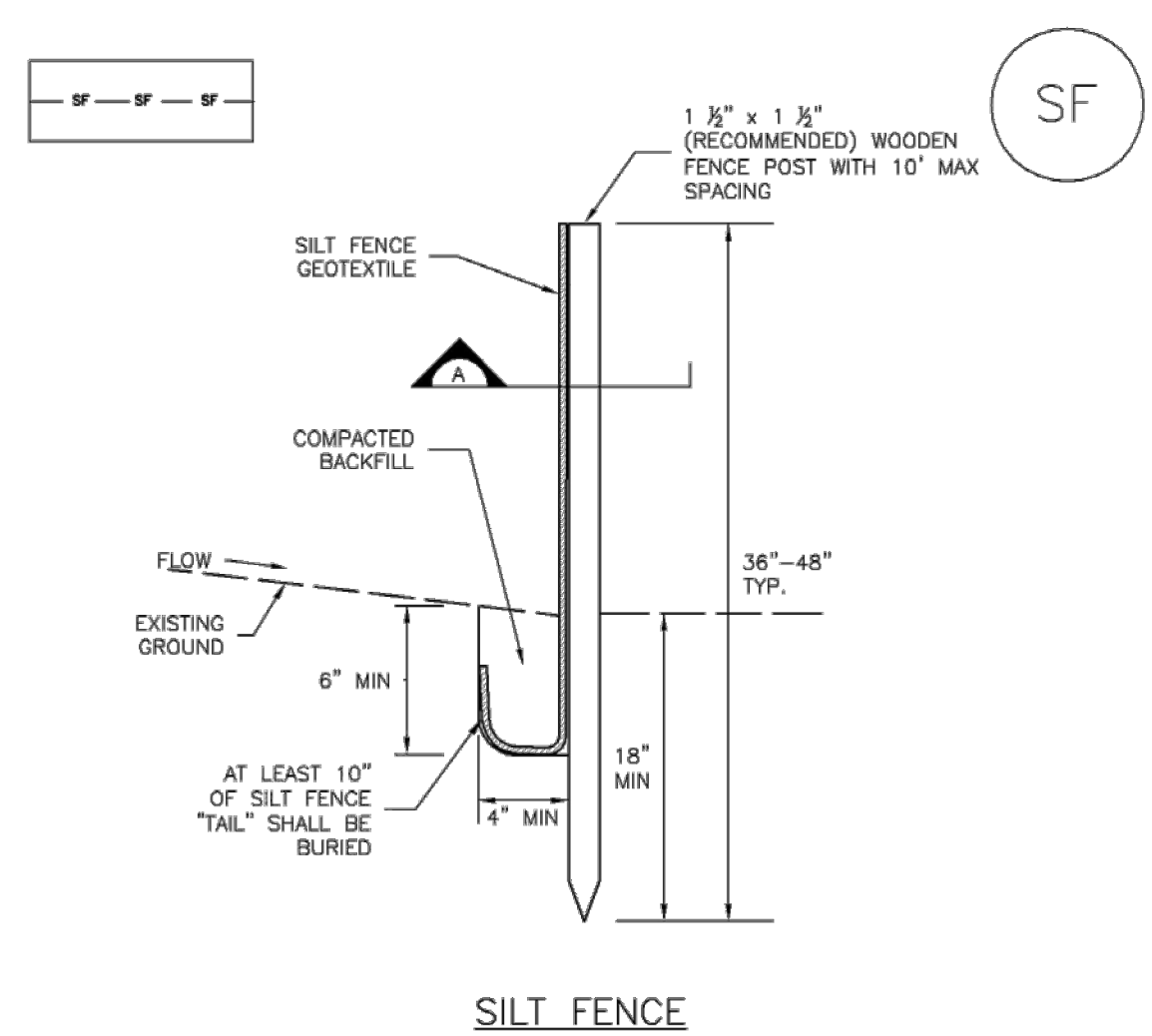
GRADING & EROSION CONTROL FINAL PLAN

PCD FILING NO. PPR2143

C2.3

Sheet 10 of 18

Silt Fence (SF) SC-1



SILT FENCE
SECTION A
SF-1. SILT FENCE

November 2010 Urban Drainage and Flood Control District SF-3
Urban Storm Drainage Criteria Manual Volume 3

SC-1 Silt Fence (SF)

SILT FENCE INSTALLATION NOTES

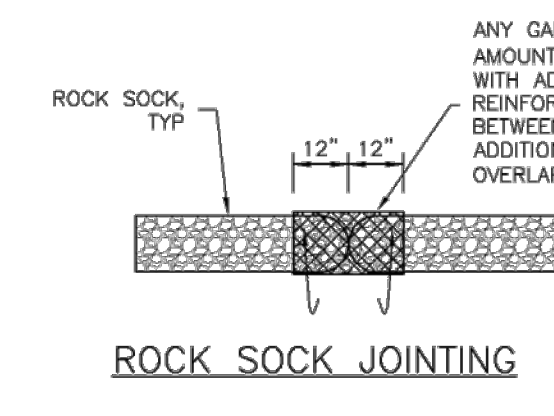
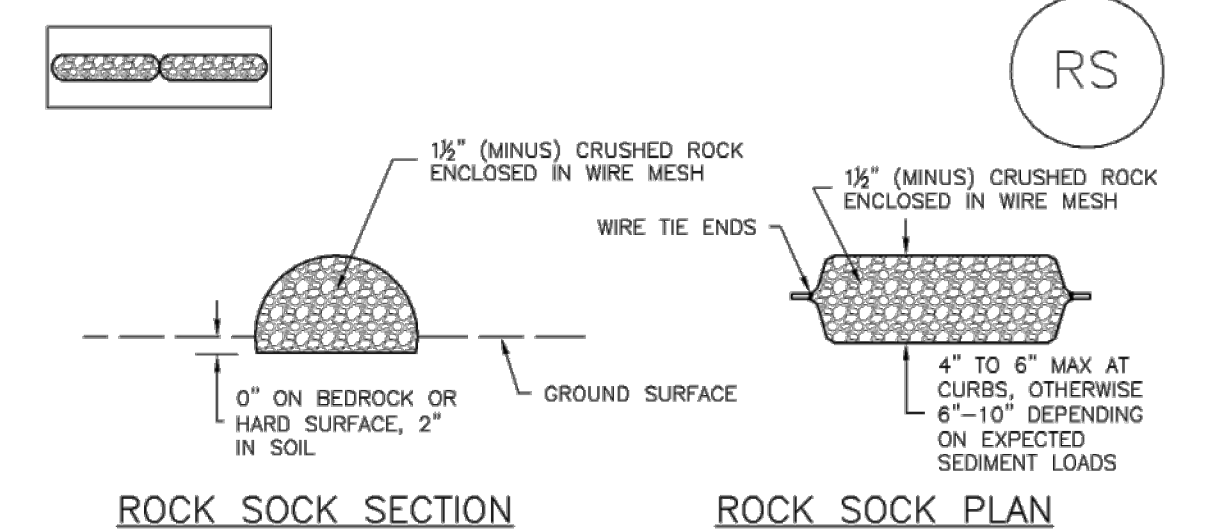
1. SILT FENCE MUST BE PLACED AWAY FROM THE TOE OF THE SLOPE TO ALLOW FOR WATER PONDING. SILT FENCE AT THE TOE OF A SLOPE SHOULD BE INSTALLED IN A FLAT LOCATION AT LEAST SEVERAL FEET (2-5 FT) FROM THE TOE OF THE SLOPE TO ALLOW ROOM FOR PONDING AND DEPOSITION.
2. A UNIFORM 6\"/>

SILT FENCE MAINTENANCE NOTES

1. INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE. INSPECT BMPs AS SOON AS POSSIBLE (AND ALWAYS WITHIN 24 HOURS) FOLLOWING A STORM THAT CAUSES SURFACE EROSION, AND PERFORM NECESSARY MAINTENANCE.
2. FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
3. WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.
4. SEDIMENT ACCUMULATED UPSTREAM OF THE SILT FENCE SHALL BE REMOVED AS NEEDED TO MAINTAIN THE FUNCTIONALITY OF THE BMP. TYPICALLY WHEN DEPTH OF ACCUMULATED SEDIMENTS IS APPROXIMATELY 6\"/>

November 2010 Urban Drainage and Flood Control District SF-4
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SC-5 Rock Sock (RS)



ROCK SOCK JOINTING

ROCK SOCK INSTALLATION NOTES

1. SEE PLAN VIEW FOR: -LOCATION(S) OF ROCK SOCKS.
2. CRUSHED ROCK SHALL BE 1 1/2\"/>

RS-1. ROCK SOCK PERIMETER CONTROL

GRADATION TABLE	
SIEVE SIZE	MASS PERCENT PASSING SQUARE MESH SIEVES
NO. 4	
2"	100
1 1/2"	90 - 100
1"	20 - 55
3/4"	0 - 15
3/8"	0 - 5

MATCHES SPECIFICATIONS FOR NO. 4 COARSE AGGREGATE FOR CONCRETE PER AASHTO M43. ALL ROCK SHALL BE FRACTURED FACE, ALL SIDES.

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Construction Fence (CF) SM-3

CONSTRUCTION FENCE MAINTENANCE NOTES

1. INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE. INSPECT BMPs AS SOON AS POSSIBLE (AND ALWAYS WITHIN 24 HOURS) FOLLOWING A STORM THAT CAUSES SURFACE EROSION, AND PERFORM NECESSARY MAINTENANCE.
2. FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
3. WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.
4. CONSTRUCTION FENCE SHALL BE REPAIRED OR REPLACED WHEN THERE ARE SIGNS OF DAMAGE SUCH AS RIPS OR SAGS. CONSTRUCTION FENCE IS TO REMAIN IN PLACE UNTIL THE UPSTREAM DISTURBED AREA IS STABILIZED AND APPROVED BY THE LOCAL JURISDICTION.
5. WHEN CONSTRUCTION FENCES ARE REMOVED, ALL DISTURBED AREAS ASSOCIATED WITH THE INSTALLATION, MAINTENANCE, AND/OR REMOVAL OF THE FENCE SHALL BE COVERED WITH TOPSOIL, SEEDED AND MULCHED, OR OTHERWISE STABILIZED AS APPROVED BY LOCAL JURISDICTION.

NOTE: MANY JURISDICTIONS HAVE BMP DETAILS THAT VARY FROM UFDCD STANDARD DETAILS. CONSULT WITH LOCAL JURISDICTIONS AS TO WHICH DETAIL SHOULD BE USED WHEN DIFFERENCES ARE NOTED.

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Urban Storm Drainage Criteria Manual Volume 3

Construction Fence (CF) SM-3

CONSTRUCTION FENCE MAINTENANCE NOTES

1. INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE. INSPECT BMPs AS SOON AS POSSIBLE (AND ALWAYS WITHIN 24 HOURS) FOLLOWING A STORM THAT CAUSES SURFACE EROSION, AND PERFORM NECESSARY MAINTENANCE.
2. FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
3. WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.
4. CONSTRUCTION FENCE SHALL BE REPAIRED OR REPLACED WHEN THERE ARE SIGNS OF DAMAGE SUCH AS RIPS OR SAGS. CONSTRUCTION FENCE IS TO REMAIN IN PLACE UNTIL THE UPSTREAM DISTURBED AREA IS STABILIZED AND APPROVED BY THE LOCAL JURISDICTION.
5. WHEN CONSTRUCTION FENCES ARE REMOVED, ALL DISTURBED AREAS ASSOCIATED WITH THE INSTALLATION, MAINTENANCE, AND/OR REMOVAL OF THE FENCE SHALL BE COVERED WITH TOPSOIL, SEEDED AND MULCHED, OR OTHERWISE STABILIZED AS APPROVED BY LOCAL JURISDICTION.

NOTE: MANY JURISDICTIONS HAVE BMP DETAILS THAT VARY FROM UFDCD STANDARD DETAILS. CONSULT WITH LOCAL JURISDICTIONS AS TO WHICH DETAIL SHOULD BE USED WHEN DIFFERENCES ARE NOTED.

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Rock Sock (RS) SC-5

ROCK SOCK MAINTENANCE NOTES

1. INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE. INSPECT BMPs AS SOON AS POSSIBLE (AND ALWAYS WITHIN 24 HOURS) FOLLOWING A STORM THAT CAUSES SURFACE EROSION, AND PERFORM NECESSARY MAINTENANCE.
2. FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
3. WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.
4. ROCK SOCKS SHALL BE REPLACED IF THEY BECOME HEAVILY SOILED, OR DAMAGED BEYOND REPAIR.
5. SEDIMENT ACCUMULATED UPSTREAM OF ROCK SOCKS SHALL BE REMOVED AS NEEDED TO MAINTAIN FUNCTIONALITY OF THE BMP. TYPICALLY WHEN DEPTH OF ACCUMULATED SEDIMENTS IS APPROXIMATELY 1/2 OF THE HEIGHT OF THE ROCK SOCK.
6. ROCK SOCKS ARE TO REMAIN IN PLACE UNTIL THE UPSTREAM DISTURBED AREA IS STABILIZED AND APPROVED BY THE LOCAL JURISDICTION.
7. WHEN ROCK SOCKS ARE REMOVED, ALL DISTURBED AREAS SHALL BE COVERED WITH TOPSOIL, SEEDED AND MULCHED OR OTHERWISE STABILIZED AS APPROVED BY LOCAL JURISDICTION.

(DETAIL ADAPTED FROM TOWN OF PARKER, COLORADO AND CITY OF AURORA, COLORADO, NOT AVAILABLE IN AUTOCAD)

NOTE: MANY JURISDICTIONS HAVE BMP DETAILS THAT VARY FROM UFDCD STANDARD DETAILS. CONSULT WITH LOCAL JURISDICTIONS AS TO WHICH DETAIL SHOULD BE USED WHEN DIFFERENCES ARE NOTED.

NOTE: THE DETAILS INCLUDED WITH THIS FACT SHEET SHOW COMMONLY USED, CONVENTIONAL METHODS OF ROCK SOCK INSTALLATION IN THE DENVER METROPOLITAN AREA. THERE ARE MANY OTHER SIMILAR PROPRIETARY PRODUCTS ON THE MARKET. UFDCD NEITHER ENDORSES NOR DISCOURAGES USE OF PROPRIETARY PROTECTION PRODUCTS. HOWEVER, IN THE EVENT PROPRIETARY METHODS ARE USED, THE APPROPRIATE DETAIL FROM THE MANUFACTURER MUST BE INCLUDED IN THE SWMP AND THE BMP MUST BE INSTALLED AND MAINTAINED AS SHOWN IN THE MANUFACTURER'S DETAILS.

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 FOR
 HAMMERS CONSTRUCTION, LLC
 1875 MAIN STREET
 COLORADO SPRINGS, CO 80911 - EL PASO COUNTY

#	Date	Issue / Description	Init.

**ENGINEERING RECORD DRAWINGS
AS-BUILT DRAWINGS**

Project No: HCI000008
Drawn By: TPT
Checked By:
Date: 05/20/2024

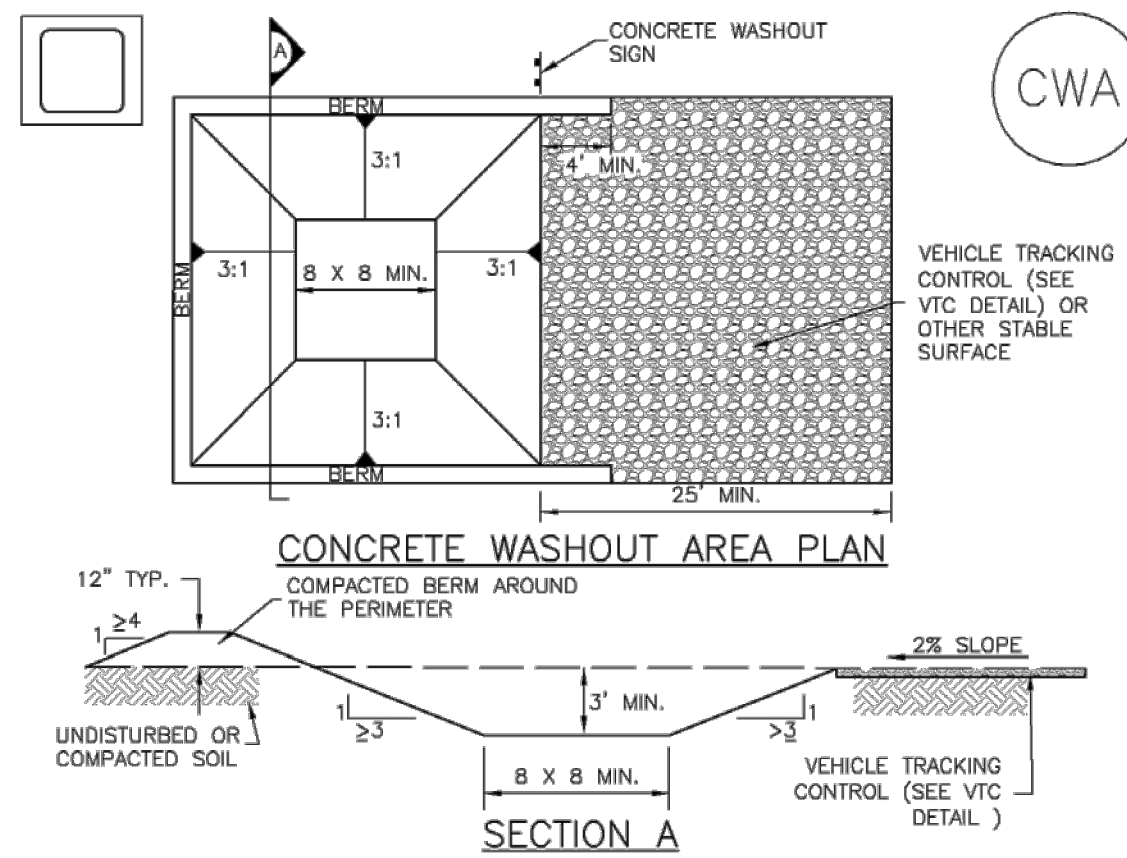
GEC DETAILS
PCD FILING No. PPR2143

C2.4

Sheet 11 of 18

Concrete Washout Area (CWA)

MM-1



CWA-1. CONCRETE WASHOUT AREA

CWA INSTALLATION NOTES

- 1. SEE PLAN VIEW FOR: -CWA INSTALLATION LOCATION.
2. DO NOT LOCATE AN UNLINED CWA WITHIN 400' OF ANY NATURAL DRAINAGE PATHWAY OR WATERBODY...
3. THE CWA SHALL BE INSTALLED PRIOR TO CONCRETE PLACEMENT ON SITE.
4. CWA SHALL INCLUDE A FLAT SUBSURFACE PIT THAT IS AT LEAST 8' BY 8' SLOPES LEADING OUT OF THE SUBSURFACE PIT SHALL BE 3:1 OR FLATTER...
5. BERM SURROUNDING SIDES AND BACK OF THE CWA SHALL HAVE MINIMUM HEIGHT OF 1'.
6. VEHICLE TRACKING PAD SHALL BE SLOPED 2% TOWARDS THE CWA.
7. SIGNS SHALL BE PLACED AT THE CONSTRUCTION ENTRANCE, AT THE CWA, AND ELSEWHERE AS NECESSARY TO CLEARLY INDICATE THE LOCATION OF THE CWA...
8. USE EXCAVATED MATERIAL FOR PERIMETER BERM CONSTRUCTION.

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Concrete Washout Area (CWA)

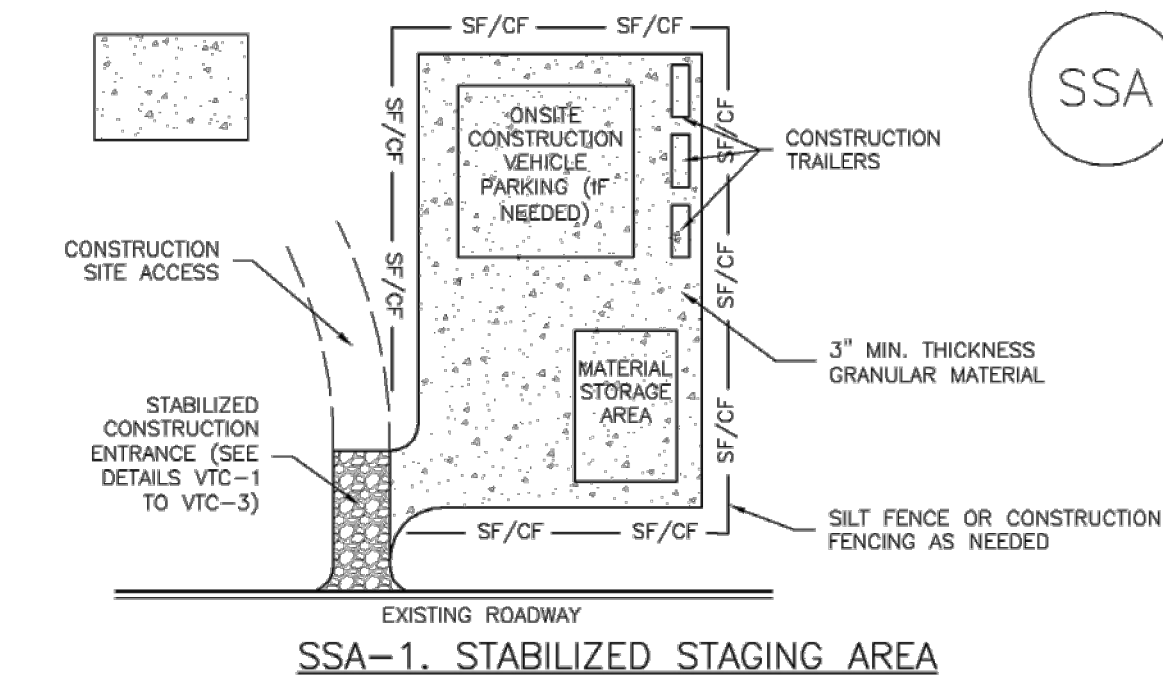
CWA MAINTENANCE NOTES

- 1. INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE...
2. FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION...
3. WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.
4. THE CWA SHALL BE REPAIRED, CLEANED, OR ENLARGED AS NECESSARY TO MAINTAIN CAPACITY FOR CONCRETE WASTE...
5. CONCRETE WASHOUT WATER, WASTED PIECES OF CONCRETE AND ALL OTHER DEBRIS IN THE SUBSURFACE PIT SHALL BE TRANSPORTED FROM THE JOB SITE...
6. THE CWA SHALL REMAIN IN PLACE UNTIL ALL CONCRETE FOR THE PROJECT IS PLACED.
7. WHEN THE CWA IS REMOVED, COVER THE DISTURBED AREA WITH TOP SOIL, SEED AND MULCH OR OTHERWISE STABILIZED IN A MANNER APPROVED BY THE LOCAL JURISDICTION.

CWA-4 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 November 2010

Stabilized Staging Area (SSA)

SM-6



SSA-1. STABILIZED STAGING AREA

STABILIZED STAGING AREA INSTALLATION NOTES

- 1. SEE PLAN VIEW FOR: -LOCATION OF STAGING AREA(S). -CONTRACTOR MAY ADJUST LOCATION AND SIZE OF STAGING AREA WITH APPROVAL FROM THE LOCAL JURISDICTION.
2. STABILIZED STAGING AREA SHOULD BE APPROPRIATE FOR THE NEEDS OF THE SITE. OVERSIZING RESULTS IN A LARGER AREA TO STABILIZE FOLLOWING CONSTRUCTION.
3. STAGING AREA SHALL BE STABILIZED PRIOR TO OTHER OPERATIONS ON THE SITE.
4. THE STABILIZED STAGING AREA SHALL CONSIST OF A MINIMUM 3" THICK GRANULAR MATERIAL.
5. UNLESS OTHERWISE SPECIFIED BY LOCAL JURISDICTION, ROCK SHALL CONSIST OF DOT SECT. #703, AASHTO #3 COARSE AGGREGATE OR 6" (MINUS) ROCK.
6. ADDITIONAL PERIMETER BMPs MAY BE REQUIRED INCLUDING BUT NOT LIMITED TO SILT FENCE AND CONSTRUCTION FENCING.

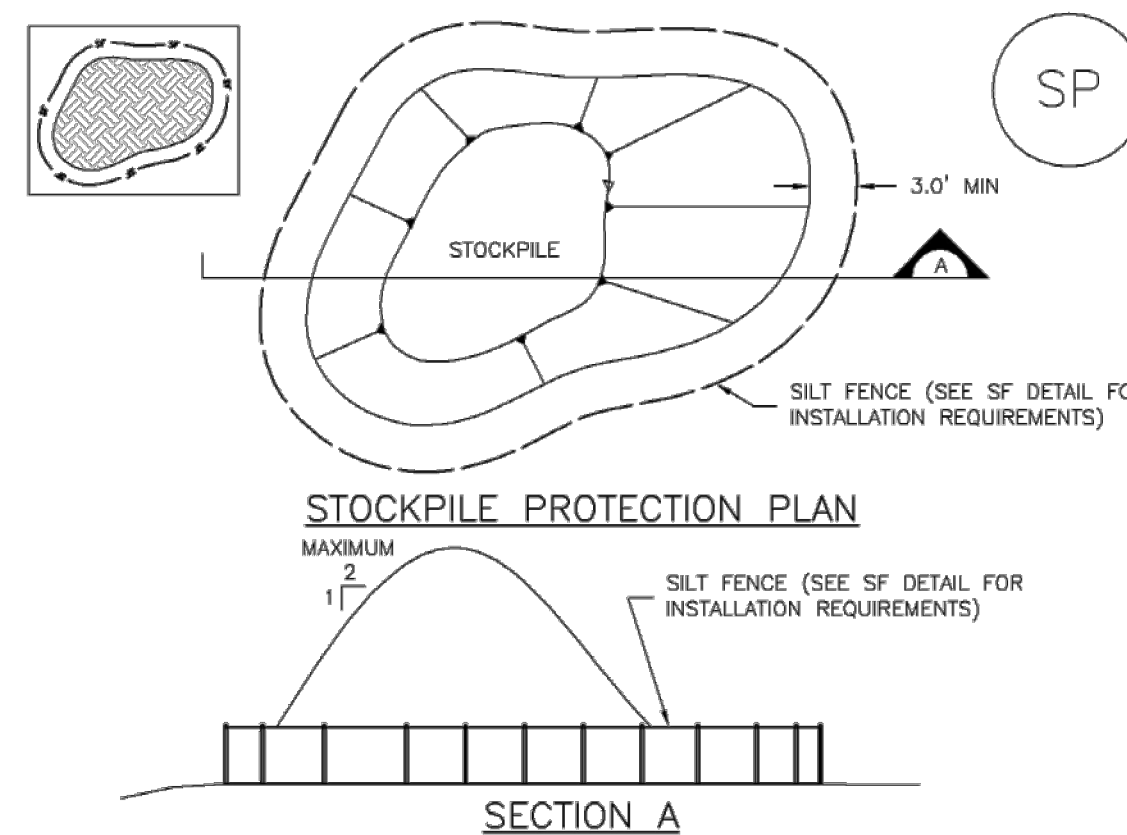
STABILIZED STAGING AREA MAINTENANCE NOTES

- 1. INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE...
2. FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION...
3. WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.
4. ROCK SHALL BE REAPPLIED OR REGRADED AS NECESSARY IF RUTTING OCCURS OR UNDERLYING SUBGRADE BECOMES EXPOSED.

November 2010 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 SSA-3

Stockpile Management (SP)

MM-2



SP-1. STOCKPILE PROTECTION

STOCKPILE PROTECTION INSTALLATION NOTES

- 1. SEE PLAN VIEW FOR: -LOCATION OF STOCKPILES. -TYPE OF STOCKPILE PROTECTION.
2. INSTALL PERIMETER CONTROLS IN ACCORDANCE WITH THEIR RESPECTIVE DESIGN DETAILS. SILT FENCE IS SHOWN IN THE STOCKPILE PROTECTION DETAILS; HOWEVER, OTHER TYPES OF PERIMETER CONTROLS INCLUDING SEDIMENT CONTROL LOGS OR ROCK SOCKS MAY BE SUITABLE IN SOME CIRCUMSTANCES...
3. STABILIZE THE STOCKPILE SURFACE WITH SURFACE ROUGHENING, TEMPORARY SEEDING AND MULCHING, EROSION CONTROL BLANKETS, OR SOIL BINDERS...
4. FOR TEMPORARY STOCKPILES ON THE INTERIOR PORTION OF A CONSTRUCTION SITE, WHERE OTHER DOWNGRADEMENT CONTROLS, INCLUDING PERIMETER CONTROL, ARE IN PLACE, STOCKPILE PERIMETER CONTROLS MAY NOT BE REQUIRED.

November 2010 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 SP-3

Stockpile Management (SM)

STOCKPILE PROTECTION MAINTENANCE NOTES

- 1. INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE...
2. FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION...
3. WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.

STOCKPILE PROTECTION MAINTENANCE NOTES

- 4. IF PERIMETER PROTECTION MUST BE MOVED TO ACCESS SOIL STOCKPILE, REPLACE PERIMETER CONTROLS BY THE END OF THE WORKDAY.
5. STOCKPILE PERIMETER CONTROLS CAN BE REMOVED ONCE ALL THE MATERIAL FROM THE STOCKPILE HAS BEEN USED.
(Details adapted from Parker, Colorado, not available in AutoCAD)
NOTE: MANY JURISDICTIONS HAVE BMP DETAILS THAT VARY FROM UDFCD STANDARD DETAILS. CONSULT WITH LOCAL JURISDICTIONS AS TO WHICH DETAIL SHOULD BE USED WHEN DIFFERENCES ARE NOTED.

SP-4 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 November 2010

Stabilized Staging Area (SSA)

STABILIZED STAGING AREA MAINTENANCE NOTES

- 5. STABILIZED STAGING AREA SHALL BE ENLARGED IF NECESSARY TO CONTAIN PARKING, STORAGE, AND UNLOADING/LOADING OPERATIONS.
6. THE STABILIZED STAGING AREA SHALL BE REMOVED AT THE END OF CONSTRUCTION. THE GRANULAR MATERIAL SHALL BE REMOVED OR, IF APPROVED BY THE LOCAL JURISDICTION, USED ON SITE, AND THE AREA COVERED WITH TOPSOIL, SEEDING AND MULCH OR OTHERWISE STABILIZED IN A MANNER APPROVED BY LOCAL JURISDICTION.
NOTE: MANY MUNICIPALITIES PROHIBIT THE USE OF RECYCLED CONCRETE AS GRANULAR MATERIAL FOR STABILIZED STAGING AREAS DUE TO DIFFICULTIES WITH RE-ESTABLISHMENT OF VEGETATION IN AREAS WHERE RECYCLED CONCRETE WAS PLACED.
NOTE: MANY JURISDICTIONS HAVE BMP DETAILS THAT VARY FROM UDFCD STANDARD DETAILS. CONSULT WITH LOCAL JURISDICTIONS AS TO WHICH DETAIL SHOULD BE USED WHEN DIFFERENCES ARE NOTED.
(Details adapted from Douglas County, Colorado, not available in AutoCAD)

SSA-4 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 November 2010

ENGINEERING RECORD DRAWINGS AS-BUILT DRAWINGS



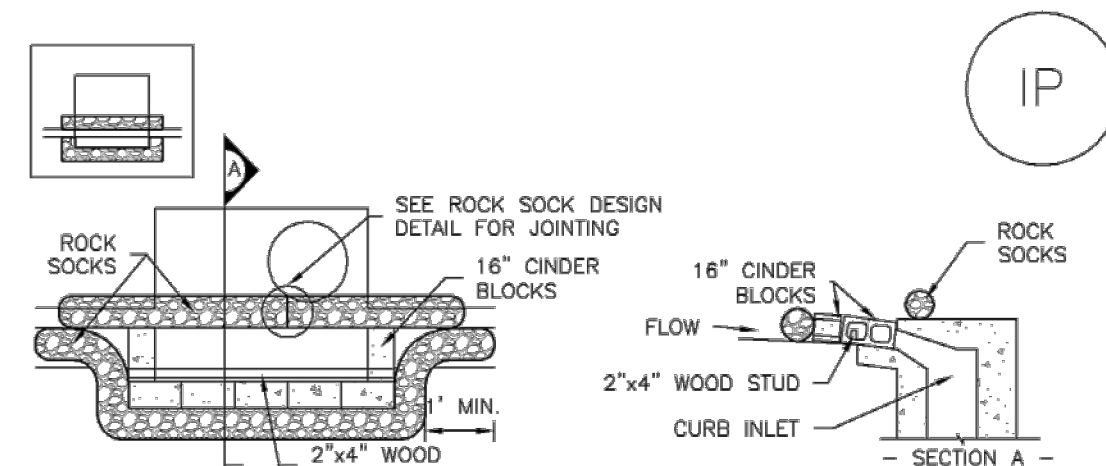
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CONSTRUCTION DOCUMENTS SMITH PLUMBING & HEATING FOR HAMMERS CONSTRUCTION, LLC 1875 MAIN STREET COLORADO SPRINGS, CO 80911 - EL PASO COUNTY

Table with 3 columns: #, Date, Issue / Description, Init. It contains several rows of empty space for tracking changes.

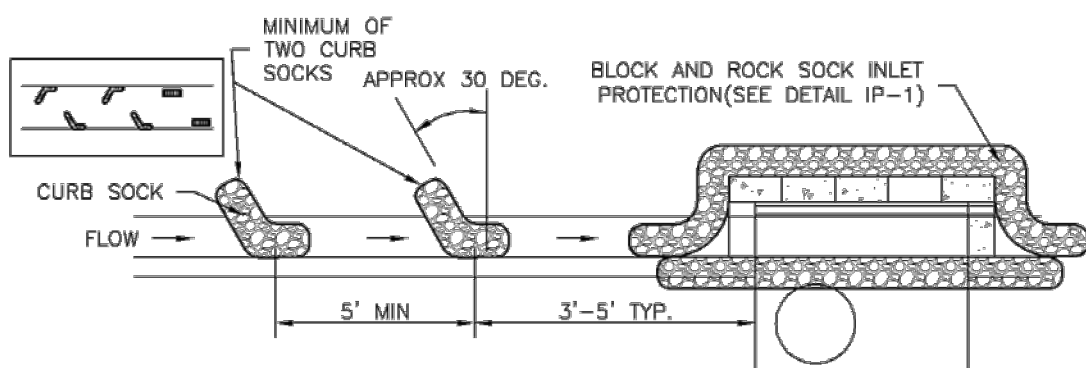
Project No: HCI000008 Drawn By: TPPT Checked By: Date: 05/20/2024 GEC DETAILS



IP-1. BLOCK AND ROCK SOCK SUMP OR ON GRADE INLET PROTECTION

BLOCK AND CURB SOCK INLET PROTECTION INSTALLATION NOTES

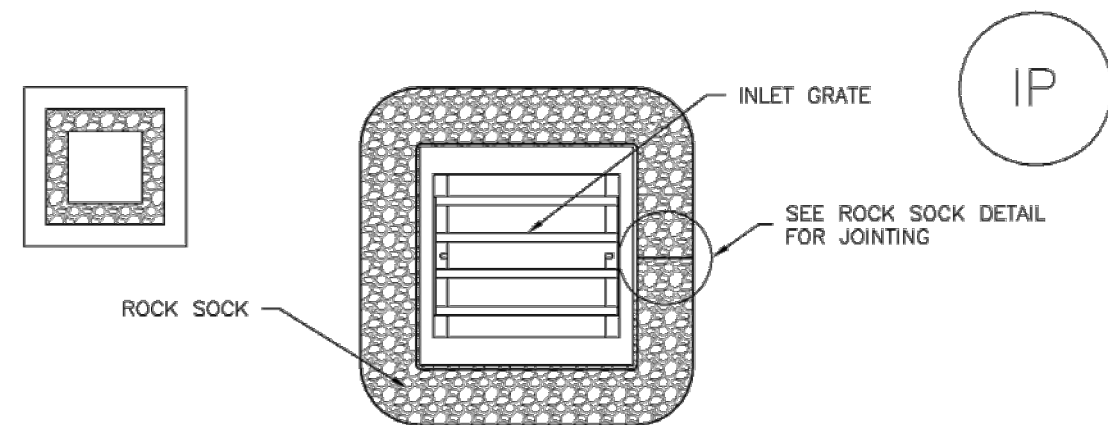
- 1. SEE ROCK SOCK DESIGN DETAIL FOR INSTALLATION REQUIREMENTS.
- 2. CONCRETE "CINDER" BLOCKS SHALL BE LAID ON THEIR SIDES AROUND THE INLET IN A SINGLE ROW, ABUTTING ONE ANOTHER WITH THE OPEN END FACING AWAY FROM THE CURB.
- 3. GRAVEL BAGS SHALL BE PLACED AROUND CONCRETE BLOCKS, CLOSELY ABUTTING ONE ANOTHER AND JOINTED TOGETHER IN ACCORDANCE WITH ROCK SOCK DESIGN DETAIL.



IP-2. CURB ROCK SOCKS UPSTREAM OF INLET PROTECTION

CURB ROCK SOCK INLET PROTECTION INSTALLATION NOTES

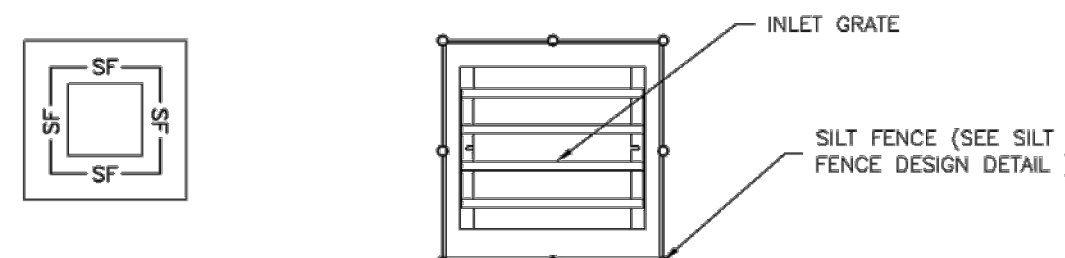
- 1. SEE ROCK SOCK DESIGN DETAIL INSTALLATION REQUIREMENTS.
- 2. PLACEMENT OF THE SOCK SHALL BE APPROXIMATELY 30 DEGREES FROM PERPENDICULAR IN THE OPPOSITE DIRECTION OF FLOW.
- 3. SOCKS ARE TO BE FLUSH WITH THE CURB AND SPACED A MINIMUM OF 5 FEET APART.
- 4. AT LEAST TWO CURB SOCKS IN SERIES ARE REQUIRED UPSTREAM OF ON-GRADE INLETS.



IP-3. ROCK SOCK SUMP/AREA INLET PROTECTION

ROCK SOCK SUMP/AREA INLET PROTECTION INSTALLATION NOTES

- 1. SEE ROCK SOCK DESIGN DETAIL FOR INSTALLATION REQUIREMENTS.
- 2. STRAW WATTLES/SEDIMENT CONTROL LOGS MAY BE USED IN PLACE OF ROCK SOCKS FOR INLETS IN PERVIOUS AREAS. INSTALL PER SEDIMENT CONTROL LOG DETAIL.



IP-4. SILT FENCE FOR SUMP INLET PROTECTION

SILT FENCE INLET PROTECTION INSTALLATION NOTES

- 1. SEE SILT FENCE DESIGN DETAIL FOR INSTALLATION REQUIREMENTS.
- 2. POSTS SHALL BE PLACED AT EACH CORNER OF THE INLET AND AROUND THE EDGES AT A MAXIMUM SPACING OF 3 FEET.
- 3. STRAW WATTLES/SEDIMENT CONTROL LOGS MAY BE USED IN PLACE OF SILT FENCE FOR INLETS IN PERVIOUS AREAS. INSTALL PER SEDIMENT CONTROL LOG DETAIL.

GENERAL INLET PROTECTION INSTALLATION NOTES

- 1. SEE PLAN VIEW FOR:
 - LOCATION OF INLET PROTECTION.
 - TYPE OF INLET PROTECTION (IP-1, IP-2, IP-3, IP-4, IP-5, IP-6)
- 2. INLET PROTECTION SHALL BE INSTALLED PROMPTLY AFTER INLET CONSTRUCTION OR PAVING IS COMPLETE (TYPICALLY WITHIN 48 HOURS). IF A RAINFALL/RUNOFF EVENT IS FORECAST, INSTALL INLET PROTECTION PRIOR TO ONSET OF EVENT.
- 3. MANY JURISDICTIONS HAVE BMP DETAILS THAT VARY FROM UDFCD STANDARD DETAILS. CONSULT WITH LOCAL JURISDICTIONS AS TO WHICH DETAIL SHOULD BE USED WHEN DIFFERENCES ARE NOTED.

INLET PROTECTION MAINTENANCE NOTES

- 1. INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE. INSPECT BMPs AS SOON AS POSSIBLE (AND ALWAYS WITHIN 24 HOURS) FOLLOWING A STORM THAT CAUSES SURFACE EROSION, AND PERFORM NECESSARY MAINTENANCE.
- 2. FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
- 3. WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.
- 4. SEDIMENT ACCUMULATED UPSTREAM OF INLET PROTECTION SHALL BE REMOVED AS NECESSARY TO MAINTAIN BMP EFFECTIVENESS, TYPICALLY WHEN STORAGE VOLUME REACHES 50% OF CAPACITY, A DEPTH OF 6" WHEN SILT FENCE IS USED, OR 1/4 OF THE HEIGHT FOR STRAW BALES.
- 5. INLET PROTECTION IS TO REMAIN IN PLACE UNTIL THE UPSTREAM DISTURBED AREA IS PERMANENTLY STABILIZED, UNLESS THE LOCAL JURISDICTION APPROVES EARLIER REMOVAL OF INLET PROTECTION IN STREETS.
- 6. WHEN INLET PROTECTION AT AREA INLETS IS REMOVED, THE DISTURBED AREA SHALL BE COVERED WITH TOP SOIL, SEEDED AND MULCHED, OR OTHERWISE STABILIZED IN A MANNER APPROVED BY THE LOCAL JURISDICTION.

(DETAIL ADAPTED FROM TOWN OF PARKER, COLORADO AND CITY OF AURORA, COLORADO, NOT AVAILABLE IN AUTOCAD)

NOTE: THE DETAILS INCLUDED WITH THIS FACT SHEET SHOW COMMONLY USED, CONVENTIONAL METHODS OF INLET PROTECTION IN THE DENVER METROPOLITAN AREA. THERE ARE MANY PROPRIETARY INLET PROTECTION METHODS ON THE MARKET. UDFCD NEITHER ENDORSES NOR DISCOURAGES USE OF PROPRIETARY INLET PROTECTION; HOWEVER, IN THE EVENT PROPRIETARY METHODS ARE USED, THE APPROPRIATE DETAIL FROM THE MANUFACTURER MUST BE INCLUDED IN THE SWMP AND THE BMP MUST BE INSTALLED AND MAINTAINED AS SHOWN IN THE MANUFACTURER'S DETAILS.

NOTE: SOME MUNICIPALITIES DISCOURAGE OR PROHIBIT THE USE OF STRAW BALES FOR INLET PROTECTION. CHECK WITH LOCAL JURISDICTION TO DETERMINE IF STRAW BALE INLET PROTECTION IS ACCEPTABLE.

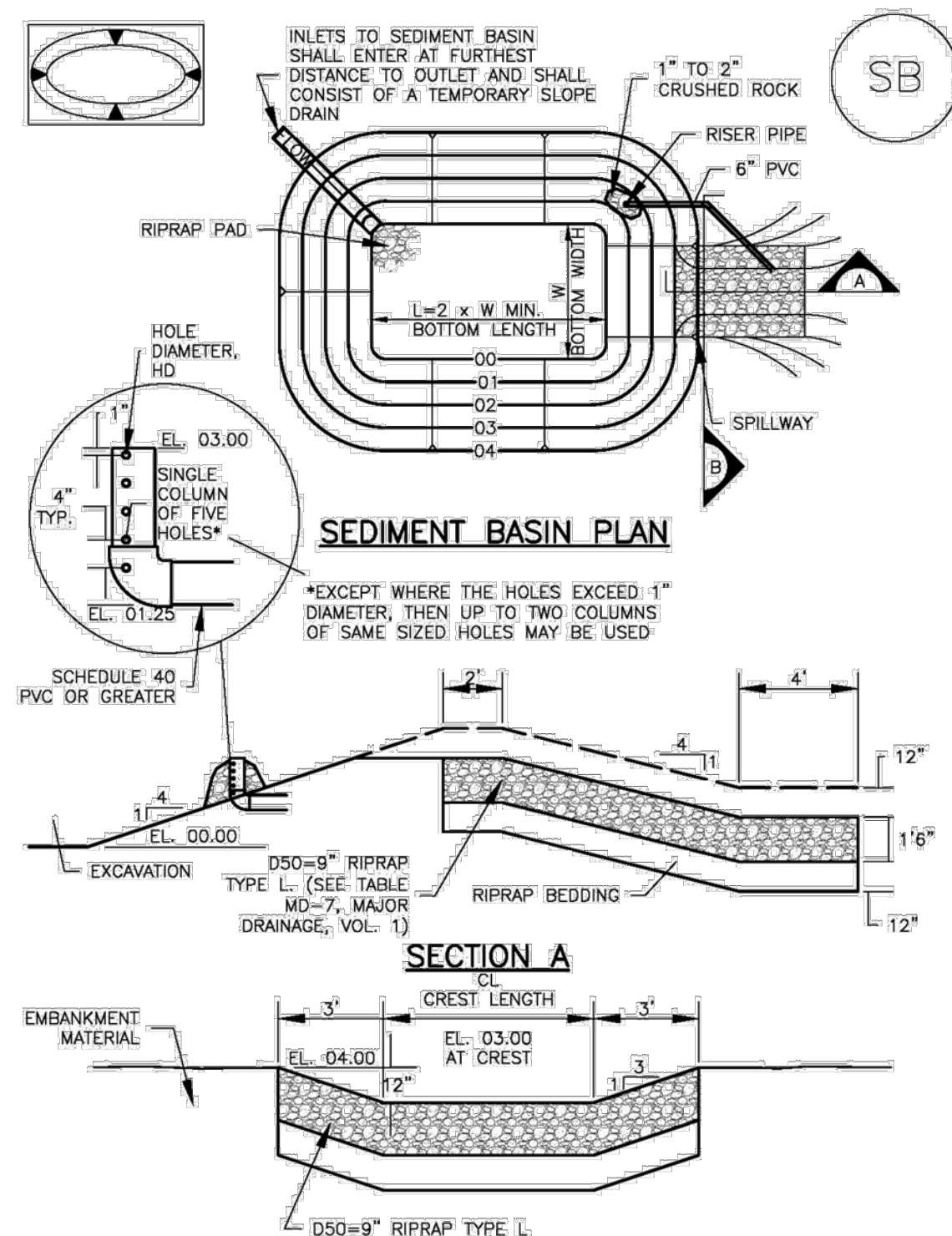


TABLE SB-1. SIZING INFORMATION FOR STANDARD SEDIMENT BASIN

Upstream Drainage Area (rounded to nearest acre), (ac)	Basin Bottom Width (W), (ft)	Spillway Crest Length (CL), (ft)	Hole Diameter (HD), (in)
1	12 1/2	2	9/16
2	21	3	1 1/16
3	28	5	5/8
4	33 1/2	6	6/8
5	38 1/2	8	7/8
6	43	9	2 1/16
7	47 1/2	11	2 1/8
8	51	12	2 1/4
9	55	13	7/8
10	59 1/2	15	1 5/16
11	61	16	3/4
12	64	18	1 1/8
13	67 1/2	19	1 1/4
14	70 1/2	21	1 1/2
15	73 1/2	22	1 5/8

SEDIMENT BASIN INSTALLATION NOTES

- 1. SEE PLAN VIEW FOR:
 - LOCATION OF SEDIMENT BASIN.
 - TYPE OF BASIN (STANDARD BASIN OR NONSTANDARD BASIN).
 - FOR STANDARD BASIN, BOTTOM WIDTH W, CREST LENGTH CL, AND HOLE DIAMETER, HD.
 - FOR NONSTANDARD BASIN, SEE CONSTRUCTION DRAWINGS FOR DESIGN OF BASIN INCLUDING RISER HEIGHT H, NUMBER OF COLUMNS N, HOLE DIAMETER HD AND PIPE DIAMETER D.
- 2. FOR STANDARD BASIN, BOTTOM DIMENSION MAY BE MODIFIED AS LONG AS BOTTOM AREA IS NOT REDUCED.
- 3. SEDIMENT BASINS SHALL BE INSTALLED PRIOR TO ANY OTHER LAND-DISTURBING ACTIVITY THAT RELIES ON BASINS AS A STORMWATER CONTROL.
- 4. 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 15 PERCENT BY WEIGHT PASSING THE NO. 200 SIEVE.
- 5. EMBANKMENT MATERIAL SHALL BE COMPACTED TO AT LEAST 95 PERCENT OF MAXIMUM DENSITY IN ACCORDANCE WITH ASTM D698.
- 6. PIPE SCH 40 OR GREATER SHALL BE USED.
- 7. THE DETAILS SHOWN ON THESE SHEETS PERTAIN TO STANDARD SEDIMENT BASIN(S) FOR DRAINAGE AREAS LESS THAN 15 ACRES. SEE CONSTRUCTION DRAWINGS FOR EMBANKMENT, STORAGE VOLUME, SPILLWAY, OUTLET, AND OUTLET PROTECTION DETAILS FOR ANY SEDIMENT BASIN(S) THAT HAVE BEEN INDIVIDUALLY DESIGNED FOR DRAINAGE AREAS LARGER THAN 15 ACRES.

SEDIMENT BASIN MAINTENANCE NOTES

- 1. INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE. INSPECT BMPs AS SOON AS POSSIBLE (AND ALWAYS WITHIN 24 HOURS) FOLLOWING A STORM THAT CAUSES SURFACE EROSION, AND PERFORM NECESSARY MAINTENANCE.
- 2. FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
- 3. WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.
- 4. SEDIMENT ACCUMULATED IN BASIN SHALL BE REMOVED AS NEEDED TO MAINTAIN BMP EFFECTIVENESS, TYPICALLY WHEN SEDIMENT DEPTH REACHES ONE FOOT (I.E., TWO FEET BELOW THE SPILLWAY CREST).
- 5. SEDIMENT BASINS ARE TO REMAIN IN PLACE UNTIL THE UPSTREAM DISTURBED AREA IS STABILIZED AND GRASS COVER IS ACCEPTED BY THE LOCAL JURISDICTION.
- 6. WHEN SEDIMENT BASINS ARE REMOVED, ALL DISTURBED AREAS SHALL BE COVERED WITH TOPSOIL, SEEDED AND MULCHED OR OTHERWISE STABILIZED AS APPROVED BY LOCAL JURISDICTION.

(DETAILS ADAPTED FROM DOUGLAS COUNTY, COLORADO)

NOTE: MANY JURISDICTIONS HAVE BMP DETAILS THAT VARY FROM UDFCD STANDARD DETAILS. CONSULT WITH LOCAL JURISDICTIONS AS TO WHICH DETAIL SHOULD BE USED WHEN DIFFERENCES ARE NOTED.

ENGINEERING RECORD DRAWINGS
AS-BUILT DRAWINGS



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CONSTRUCTION DOCUMENTS
SMITH PLUMBING & HEATING
FOR
HAMMERS CONSTRUCTION, LLC
1875 MAIN STREET
COLORADO SPRINGS, CO 80911 - EL PASO COUNTY

Date Issue / Description Init.

Project No: HCI000008

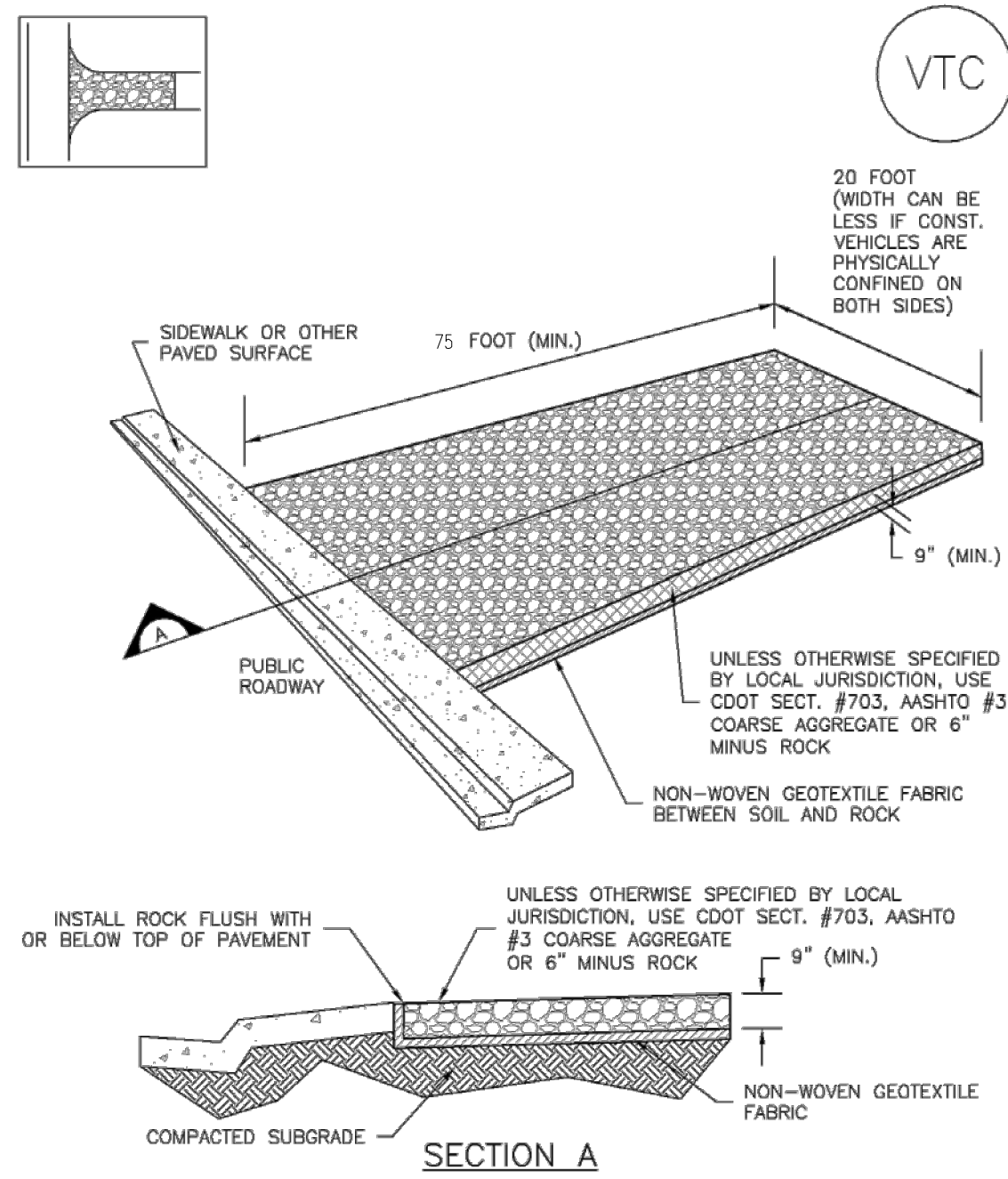
Drawn By: TPT

Checked By:

Date: 05/20/2024

GEC DETAILS

Vehicle Tracking Control (VTC) SM-4



VTC-1. AGGREGATE VEHICLE TRACKING CONTROL

November 2010 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 VTC-3

SM-4 Vehicle Tracking Control (VTC)

STABILIZED CONSTRUCTION ENTRANCE/EXIT INSTALLATION NOTES

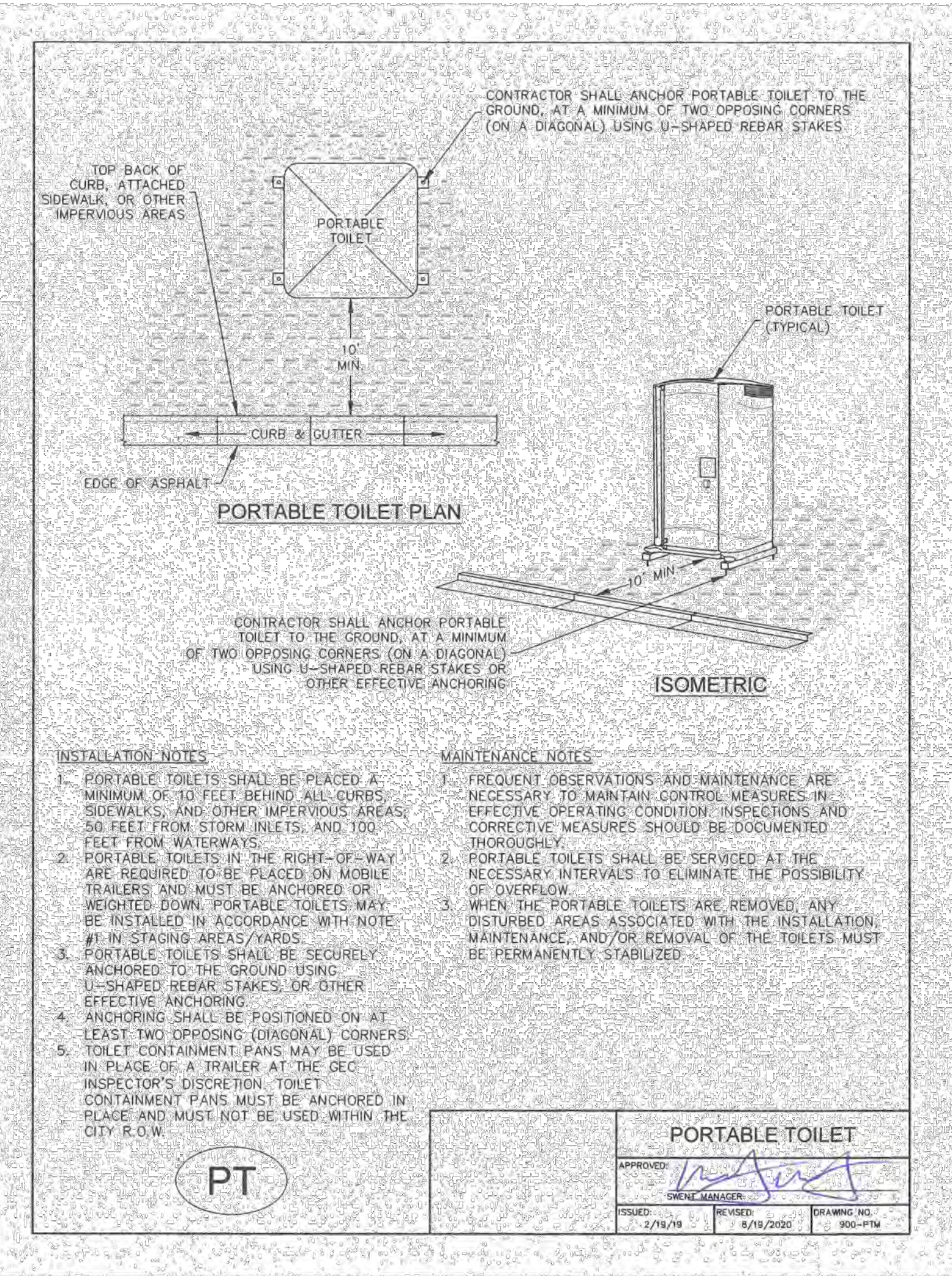
- SEE PLAN VIEW FOR:
 - LOCATION OF CONSTRUCTION ENTRANCE(S)/EXIT(S).
 - TYPE OF CONSTRUCTION ENTRANCE(S)/EXIT(S) (WITH/WITHOUT WHEEL WASH, CONSTRUCTION MAT OR TRM).
- CONSTRUCTION MAT OR TRM STABILIZED CONSTRUCTION ENTRANCES ARE ONLY TO BE USED ON SHORT DURATION PROJECTS (TYPICALLY RANGING FROM A WEEK TO A MONTH) WHERE THERE WILL BE LIMITED VEHICULAR ACCESS.
- A STABILIZED CONSTRUCTION ENTRANCE/EXIT SHALL BE LOCATED AT ALL ACCESS POINTS WHERE VEHICLES ACCESS THE CONSTRUCTION SITE FROM PAVED RIGHT-OF-WAYS.
- STABILIZED CONSTRUCTION ENTRANCE/EXIT SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBING ACTIVITIES.
- A NON-WOVEN GEOTEXTILE FABRIC SHALL BE PLACED UNDER THE STABILIZED CONSTRUCTION ENTRANCE/EXIT PRIOR TO THE PLACEMENT OF ROCK.
- UNLESS OTHERWISE SPECIFIED BY LOCAL JURISDICTION, ROCK SHALL CONSIST OF DOT SECT. #703, AASHTO #3 COARSE AGGREGATE OR 6" (MINUS) ROCK.

STABILIZED CONSTRUCTION ENTRANCE/EXIT MAINTENANCE NOTES

- INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE. INSPECT BMPs AS SOON AS POSSIBLE (AND ALWAYS WITHIN 24 HOURS) FOLLOWING A STORM THAT CAUSES SURFACE EROSION, AND PERFORM NECESSARY MAINTENANCE.
 - FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
 - WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.
 - ROCK SHALL BE REAPPLIED OR REGRADED AS NECESSARY TO THE STABILIZED ENTRANCE/EXIT TO MAINTAIN A CONSISTENT DEPTH.
 - SEDIMENT TRACKED ONTO PAVED ROADS IS TO BE REMOVED THROUGHOUT THE DAY AND AT THE END OF THE DAY BY SHOVELING OR SWEEPING. SEDIMENT MAY NOT BE WASHED DOWN STORM SEWER DRAINS.
- NOTE:** MANY JURISDICTIONS HAVE BMP DETAILS THAT VARY FROM UDFCD STANDARD DETAILS. CONSULT WITH LOCAL JURISDICTIONS AS TO WHICH DETAIL SHOULD BE USED WHEN DIFFERENCES ARE NOTED.

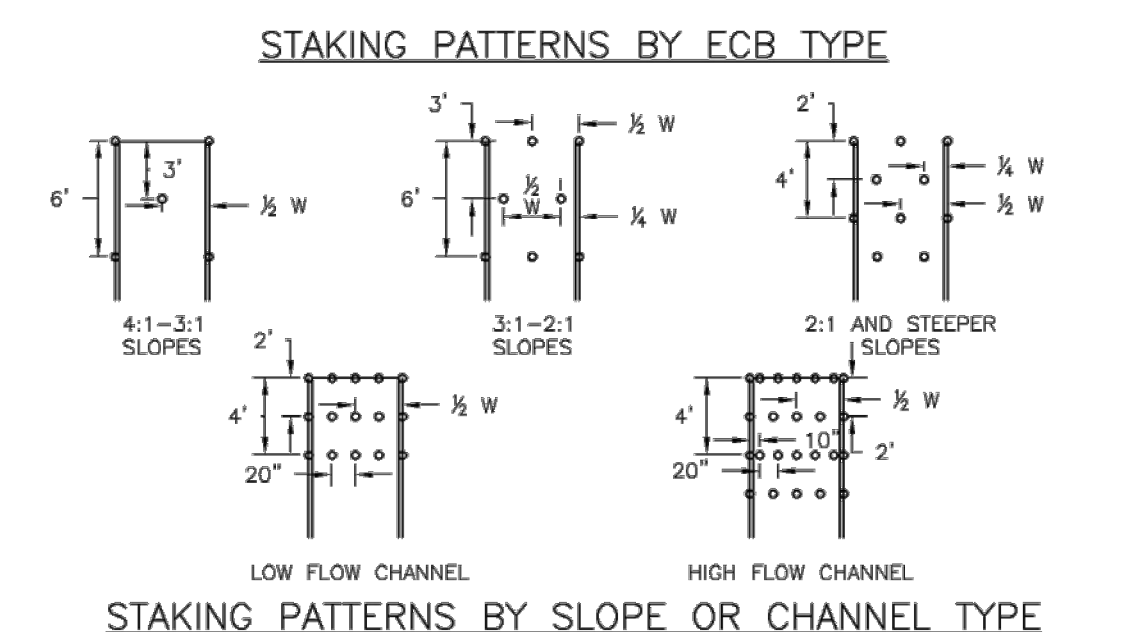
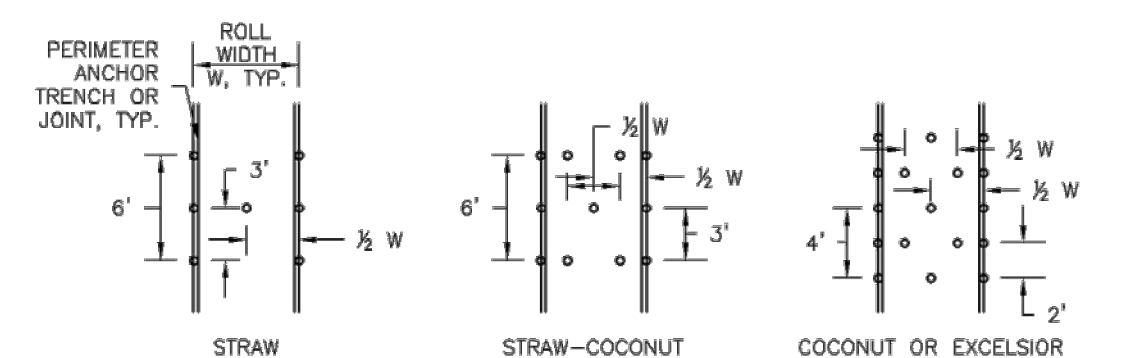
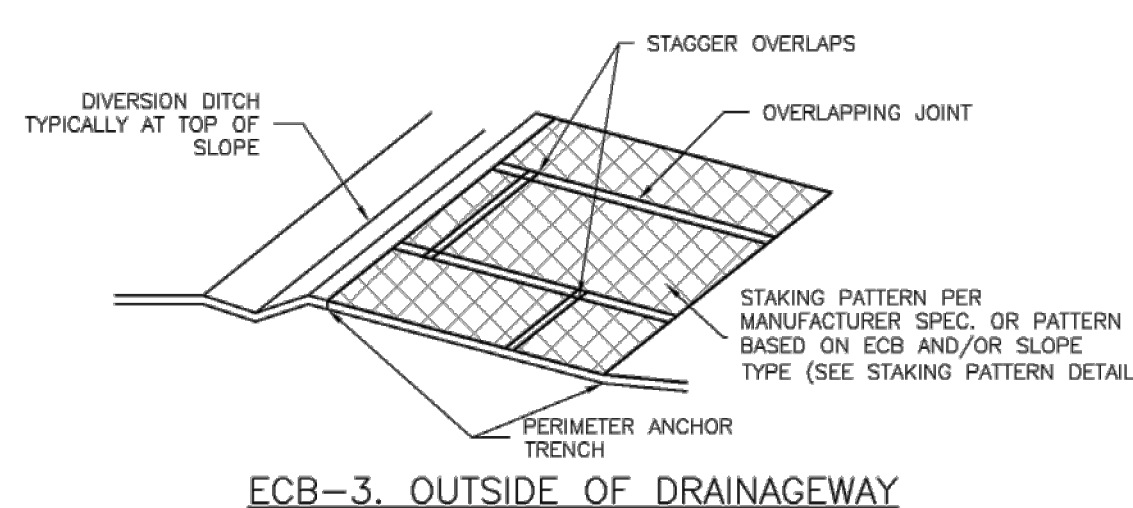
(DETAILS ADAPTED FROM CITY OF BROOMFIELD, COLORADO, NOT AVAILABLE IN AUTOCAD)

November 2010 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 VTC-6



Rolled Erosion Control Products (RECP) EC-6

Rolled Erosion Control Products (RECP) EC-6



November 2010 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 RECP-7

EC-6 Rolled Erosion Control Products (RECP)

EROSION CONTROL BLANKET INSTALLATION NOTES

- SEE PLAN VIEW FOR:
 - LOCATION OF ECB.
 - TYPE OF ECB (STRAW, STRAW-COCOENUT, COCOENUT, OR EXCELSIOR).
 - AREA, A, IN SQUARE YARDS OF EACH TYPE OF ECB.
- 100% NATURAL AND BIODEGRADABLE MATERIALS ARE PREFERRED FOR RECPs, ALTHOUGH SOME JURISDICTIONS MAY ALLOW OTHER MATERIALS IN SOME APPLICATIONS.
- IN AREAS WHERE RECPs ARE SHOWN ON THE PLANS, THE PERMITTEE SHALL PLACE TOPSOIL AND PERFORM FINAL GRADING, SURFACE GRADING, AND SEEDING AND MULCHING. SUBGRADE SHALL BE SMOOTH AND MOIST PRIOR TO ECB INSTALLATION AND THE ECB SHALL BE IN FULL CONTACT WITH SUBGRADE. NO GAPS OR VOIDS SHALL EXIST UNDER THE BLANKET.
- PERIMETER ANCHOR TRENCH SHALL BE USED ALONG THE OUTSIDE PERIMETER OF ALL BLANKET AREAS.
- JOINT ANCHOR TRENCH SHALL BE USED TO JOIN ROLLS OF ECBs TOGETHER (LONGITUDINALLY AND TRANSVERSELY) FOR ALL ECBs EXCEPT STRAW WHICH MAY USE AN OVERLAPPING JOINT.
- INTERMEDIATE ANCHOR TRENCH SHALL BE USED AT SPACING OF ONE-HALF ROLL LENGTH FOR COCOENUT AND EXCELSIOR ECBs.
- OVERLAPPING JOINT DETAIL SHALL BE USED TO JOIN ROLLS OF ECBs TOGETHER FOR ECBs ON SLOPES.
- MATERIAL SPECIFICATIONS OF ECBs SHALL CONFORM TO TABLE ECB-1.
- ANY AREAS OF SEEDING AND MULCHING DISTURBED IN THE PROCESS OF INSTALLING ECBs SHALL BE RESEEDED AND MULCHED.
- DETAILS ON DESIGN PLANS FOR MAJOR DRAINAGEWAY STABILIZATION WILL GOVERN IF DIFFERENT FROM THOSE SHOWN HERE.

TABLE ECB-1. ECB MATERIAL SPECIFICATIONS

TYPE	COCOENUT CONTENT	STRAW CONTENT	EXCELSIOR CONTENT	RECOMMENDED NETTING**
STRAW*	-	100%	-	DOUBLE/NATURAL
STRAW-COCOENUT	30% MIN	70% MAX	-	DOUBLE/NATURAL
COCOENUT	100%	-	-	DOUBLE/NATURAL
EXCELSIOR	-	-	100%	DOUBLE/NATURAL

*STRAW ECBs MAY ONLY BE USED OUTSIDE OF STAGGERED AND TURNING CHANNELS. **ALTERNATE NETTING MAY BE ACCEPTABLE IN SOME JURISDICTIONS

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**ENGINEERING RECORD DRAWINGS
AS-BUILT DRAWINGS**

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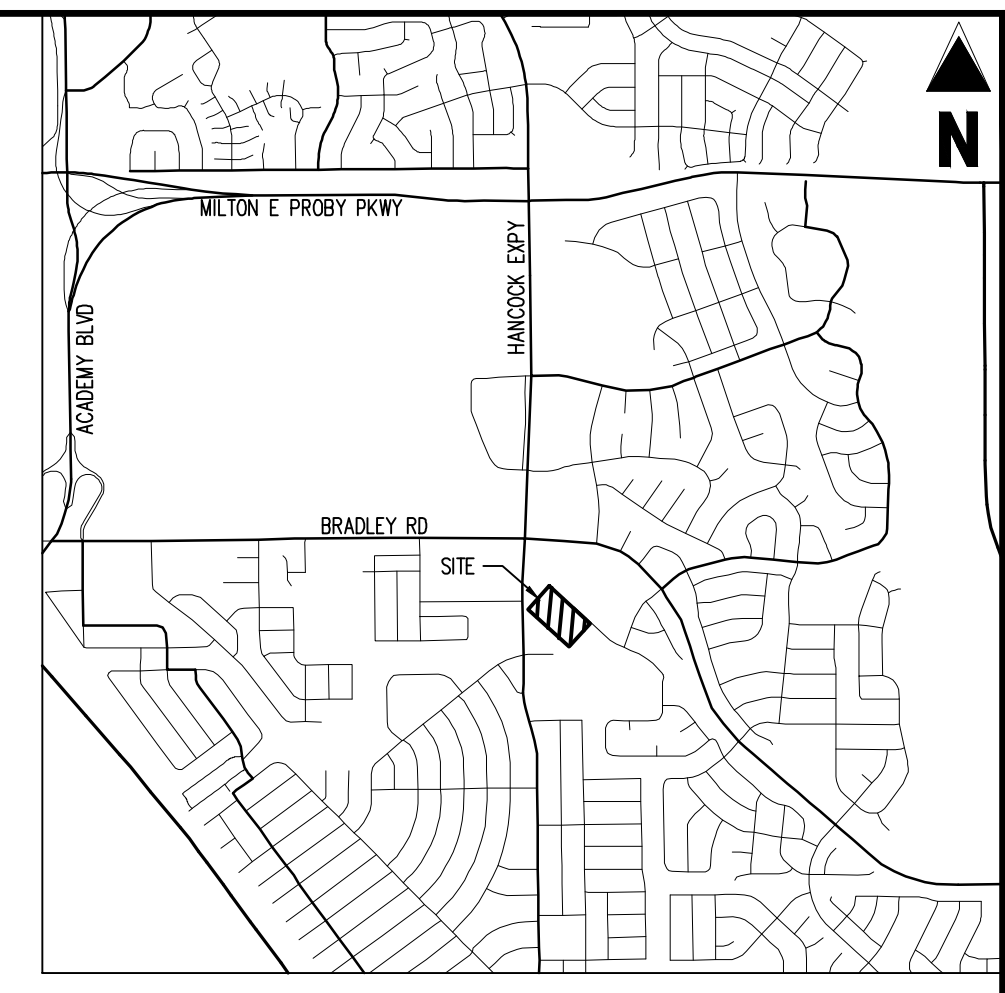
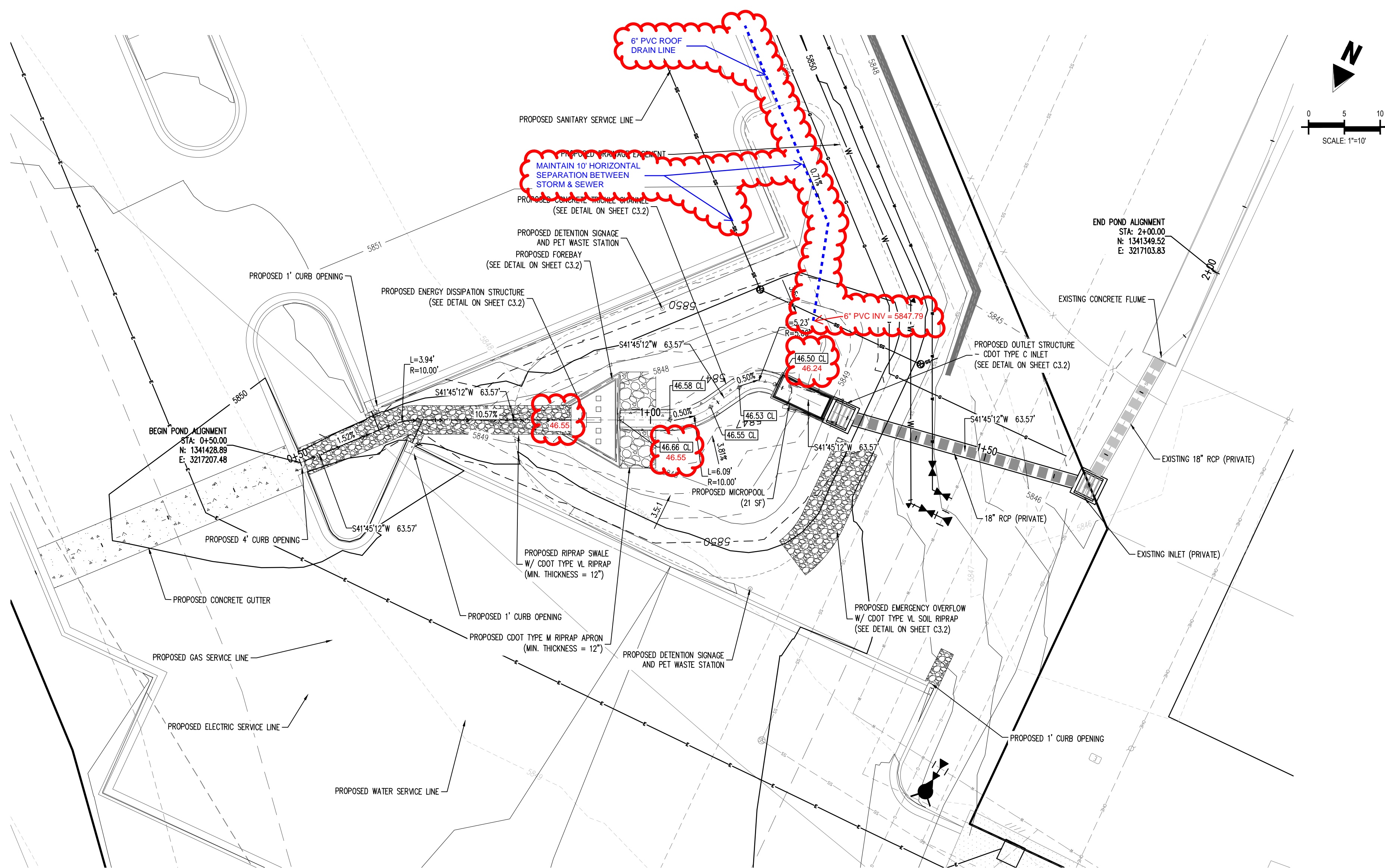
**CONSTRUCTION DOCUMENTS
SMITH PLUMBING & HEATING
FOR
HAMMERS CONSTRUCTION, LLC**

1875 MAIN STREET
COLORADO SPRINGS, CO 80911 - EL PASO COUNTY

Date Issue / Description Init.

Project No: HC1000008
Drawn By: TPT
Checked By: [Signature]
Date: 10/20/2024

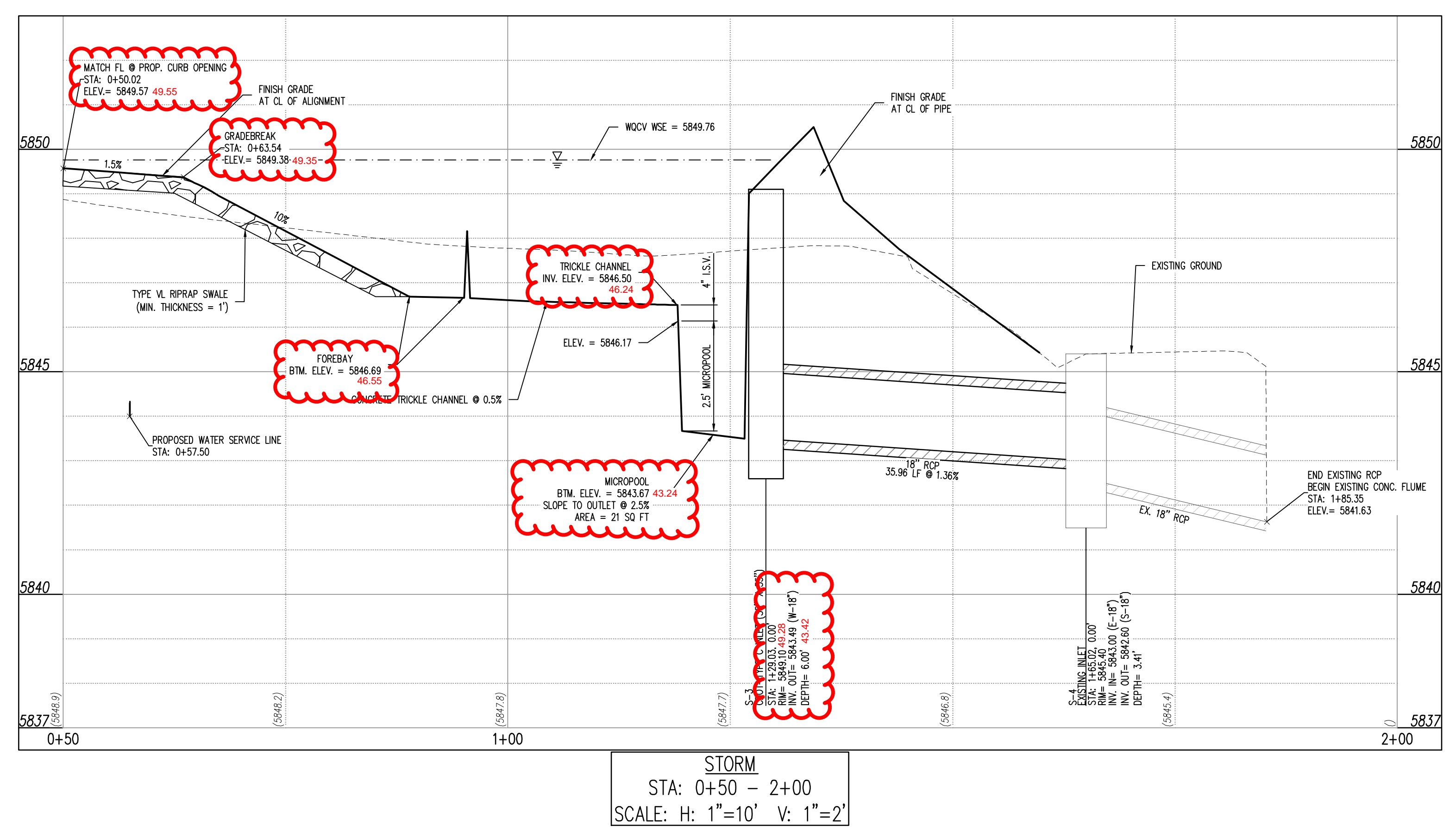
GEC DETAILS



- LEGEND**
- PROPERTY BOUNDARY LINE
 - PROPOSED EASEMENT
 - EXISTING EASEMENT LINE
 - PROPOSED BUILDING OUTLINE
 - EXISTING MAJOR CONTOUR
 - EXISTING MINOR CONTOUR
 - PROPOSED MAJOR CONTOUR
 - PROPOSED MINOR CONTOUR
 - PROPOSED STORM DRAIN LINE
 - PROPOSED SWALE WITH FLOW DIRECTION
 - PROPOSED RETAINING WALL
 - EXISTING RETAINING WALL
 - PROPOSED RIP RAP
 - PROPOSED CONCRETE

- NOTES**
1. ADD 5800 TO ALL SPOT ELEVATIONS
 2. ALL STORM PIPE SHALL BE CLASS 3 RCP OR HOPE IN ACCORDANCE WITH COUNTY STANDARD SPECIFICATIONS, UNLESS OTHERWISE NOTED.

**ENGINEERING RECORD DRAWINGS
AS-BUILT DRAWINGS**



STORM
STA: 0+50 - 2+00
SCALE: H: 1"=10' V: 1"=2'



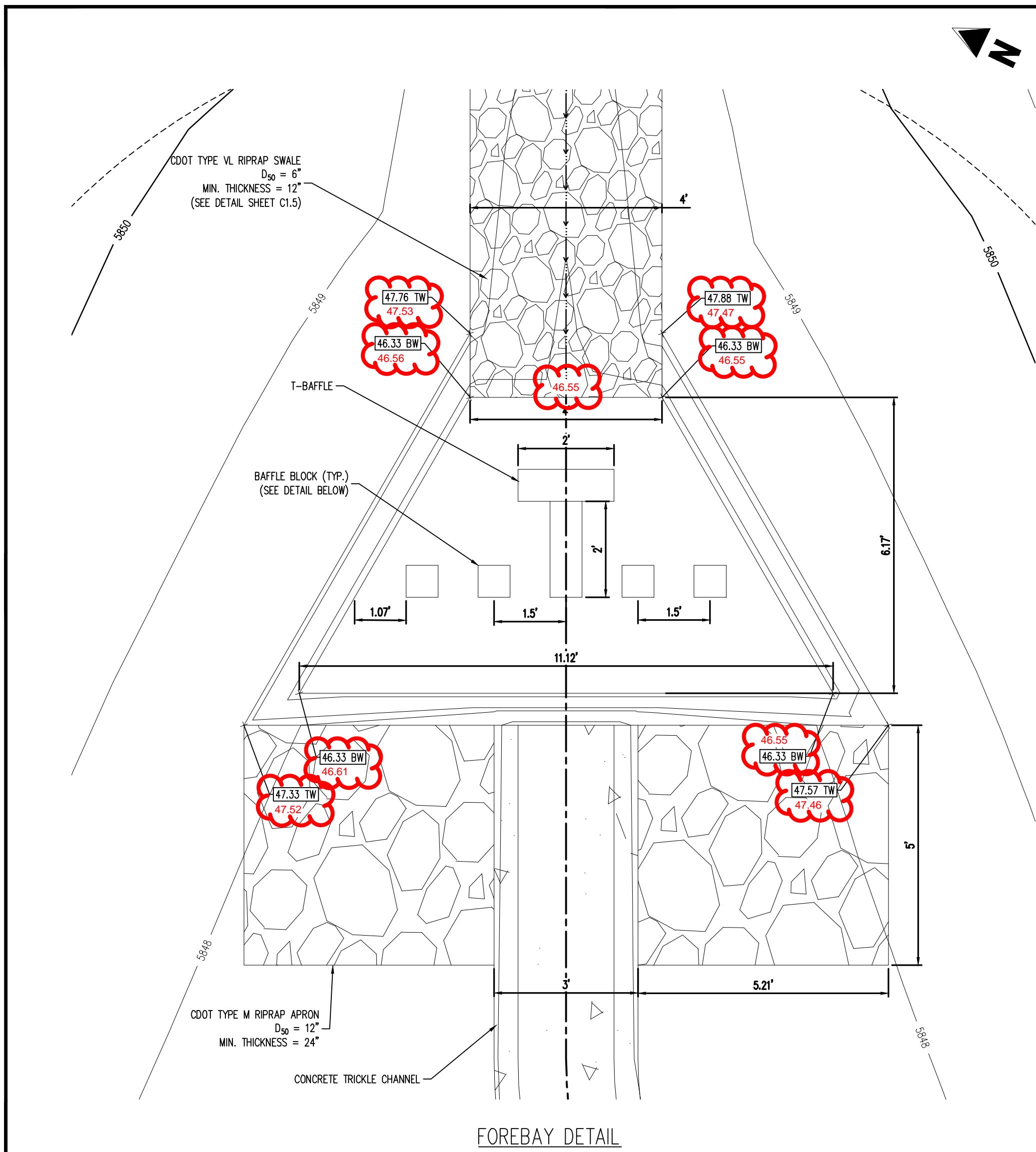
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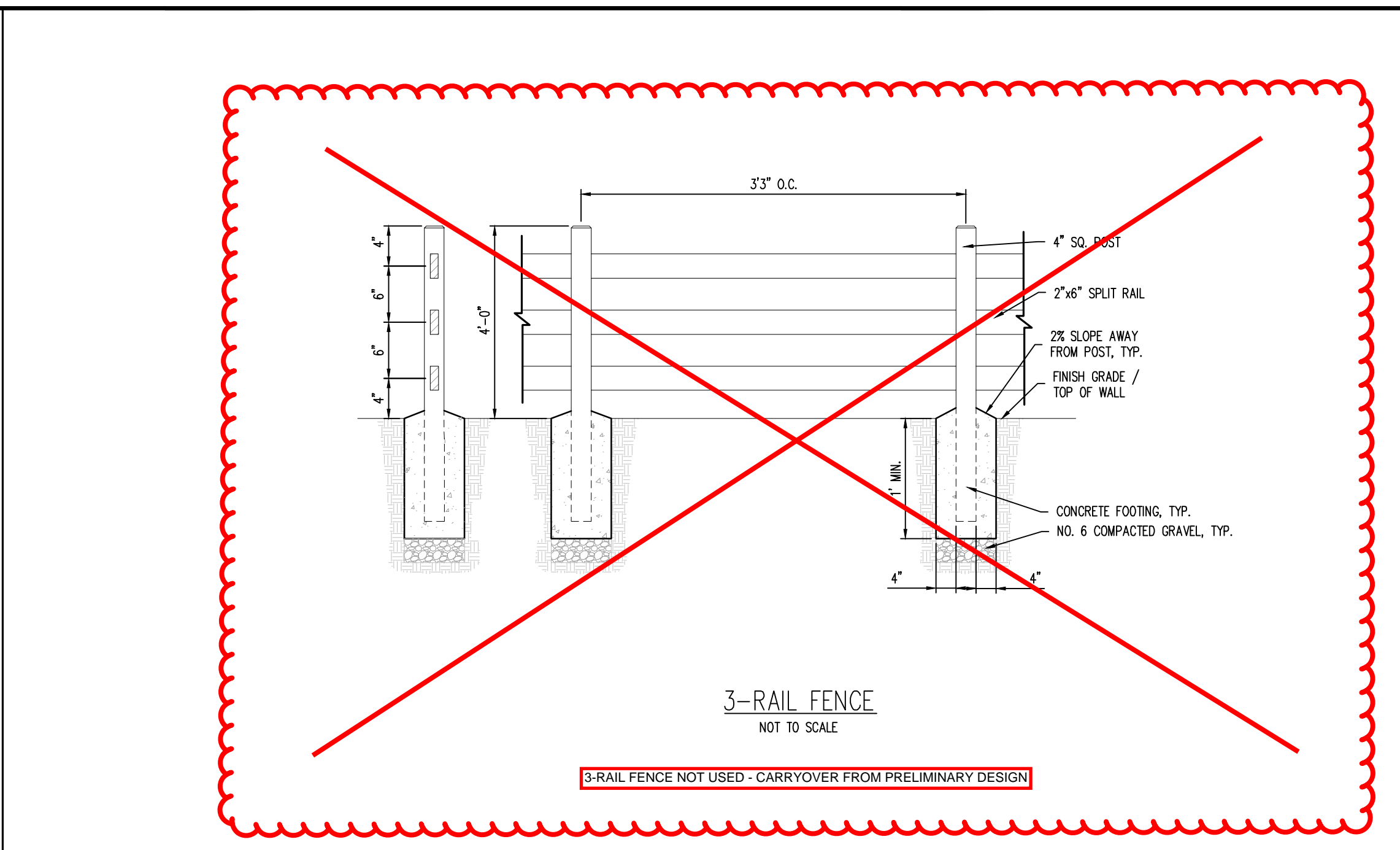
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 COLORADO SPRINGS, CO 80911 - EL PASO COUNTY

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 Drawn By: TPT
 Checked By: CND
 Date: 05/20/2024

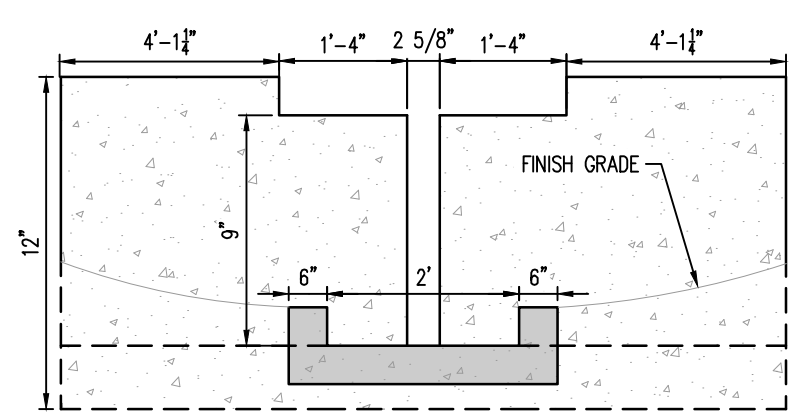


FOREBAY DETAIL
SCALE: 1"=1'



3-RAIL FENCE
NOT TO SCALE

3-RAIL FENCE NOT USED - CARRYOVER FROM PRELIMINARY DESIGN



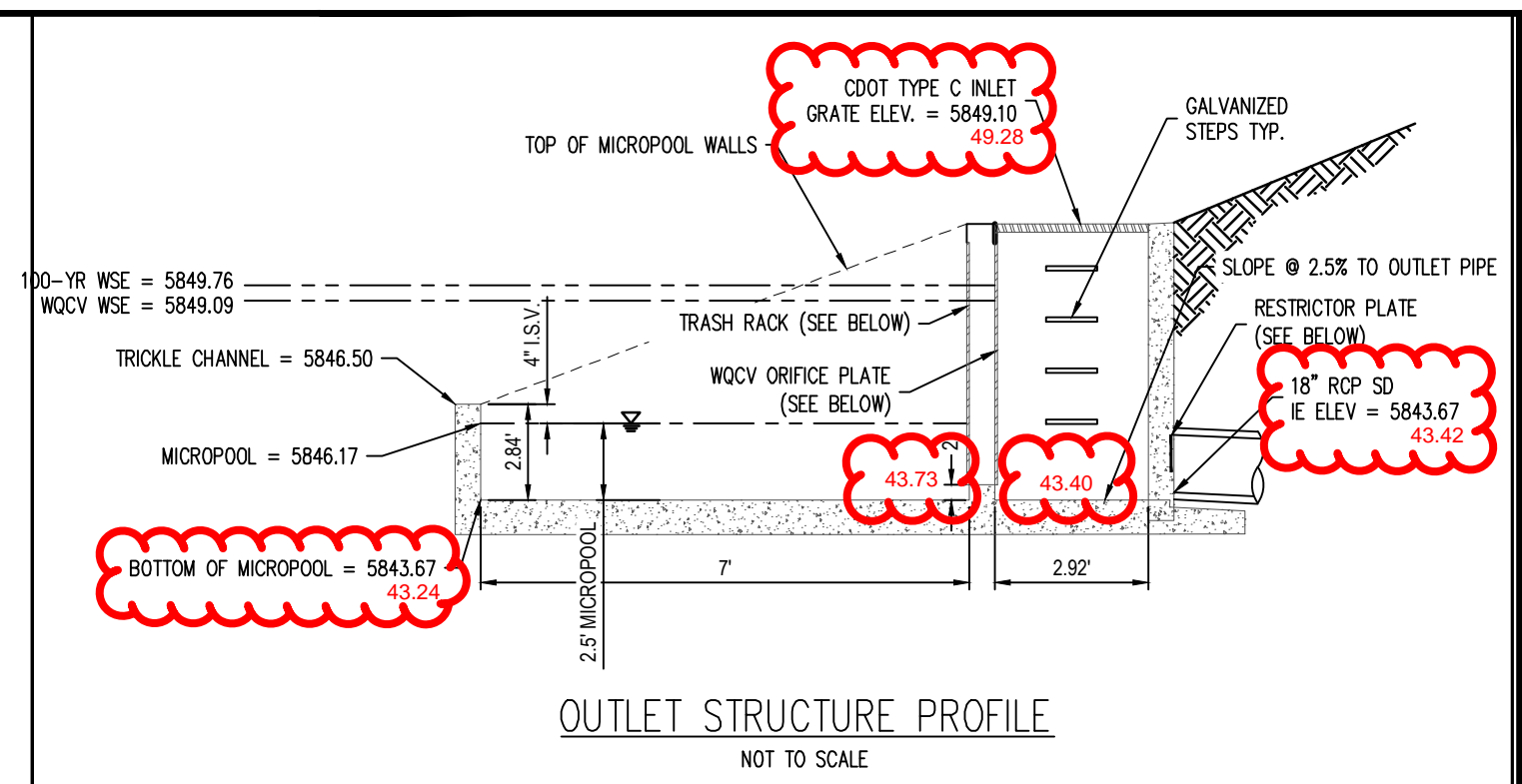
FOREBAY - SLOT DETAIL
NOT TO SCALE

WARNING
THIS AREA IS A STORMWATER FACILITY
AND IS SUBJECT TO PERIODIC FLOODING

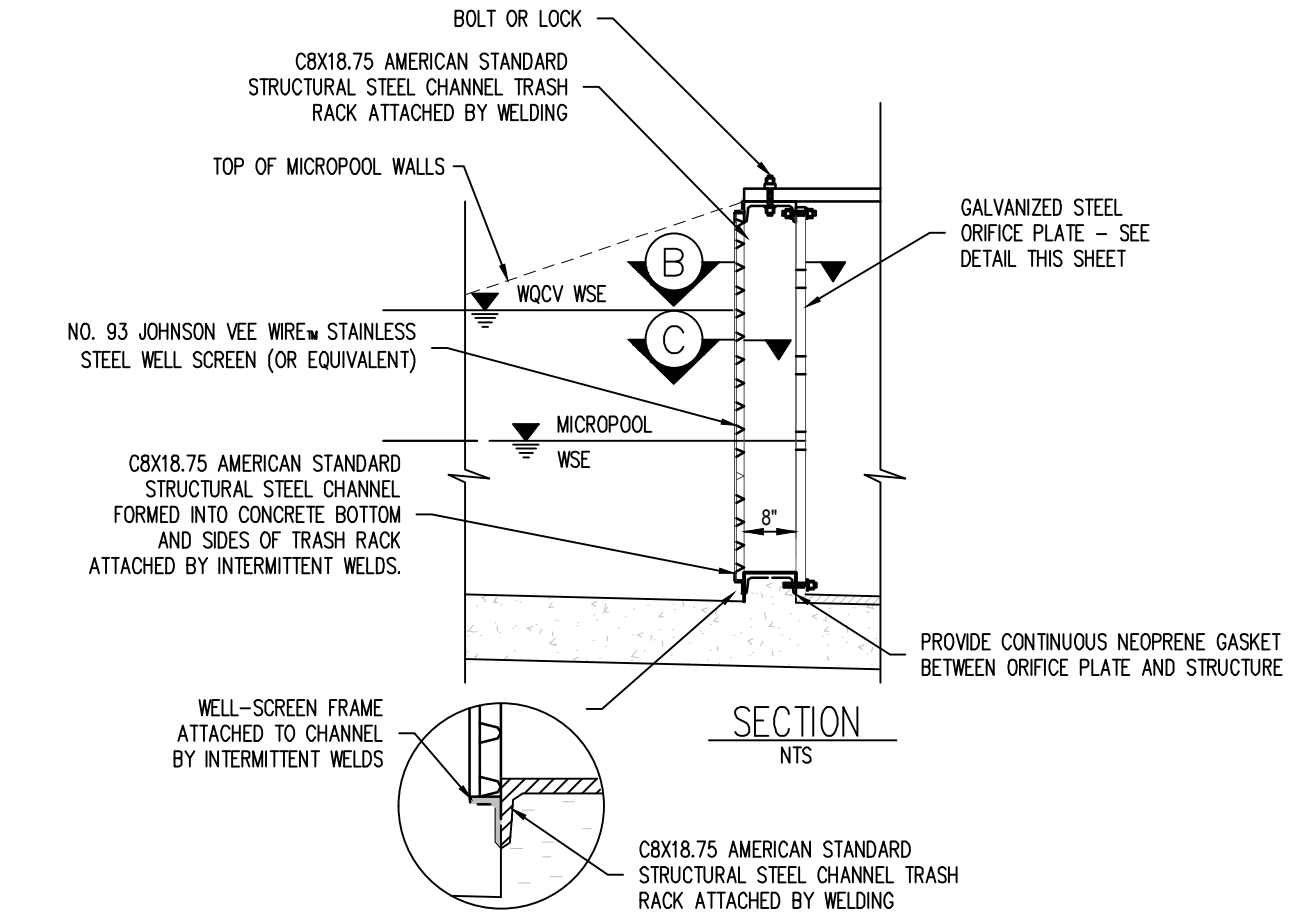
WARNING
PET WASTE MUST BE PICKED UP

- NOTES:
- TWO (2) SIGNS WITH THE ABOVE MESSAGE, EACH WITH A MINIMUM AREA OF 3 SQUARE FEET SHALL BE PROVIDED AROUND THE PERIMETER OF THE DETENTION POND, AS SHOWN ON THESE PLANS.
 - SIGNS SHALL BE DURABLE MATERIALS, SUCH AS METAL OR PLASTIC, USING RED LETTERING ON A WHITE BACKGROUND.

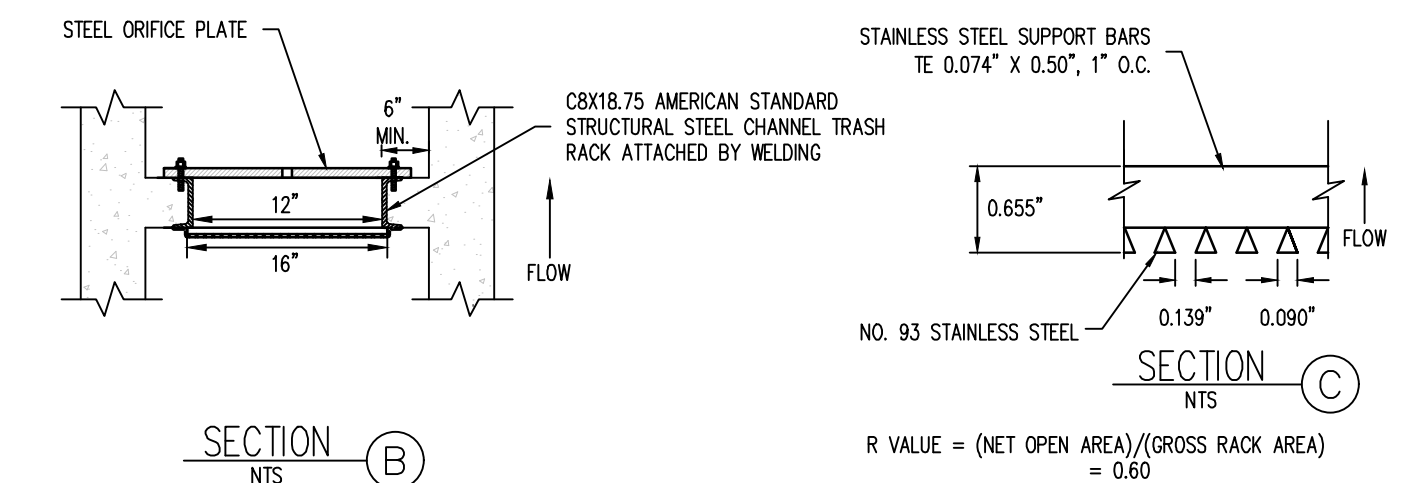
DETENTION POND SIGNAGE



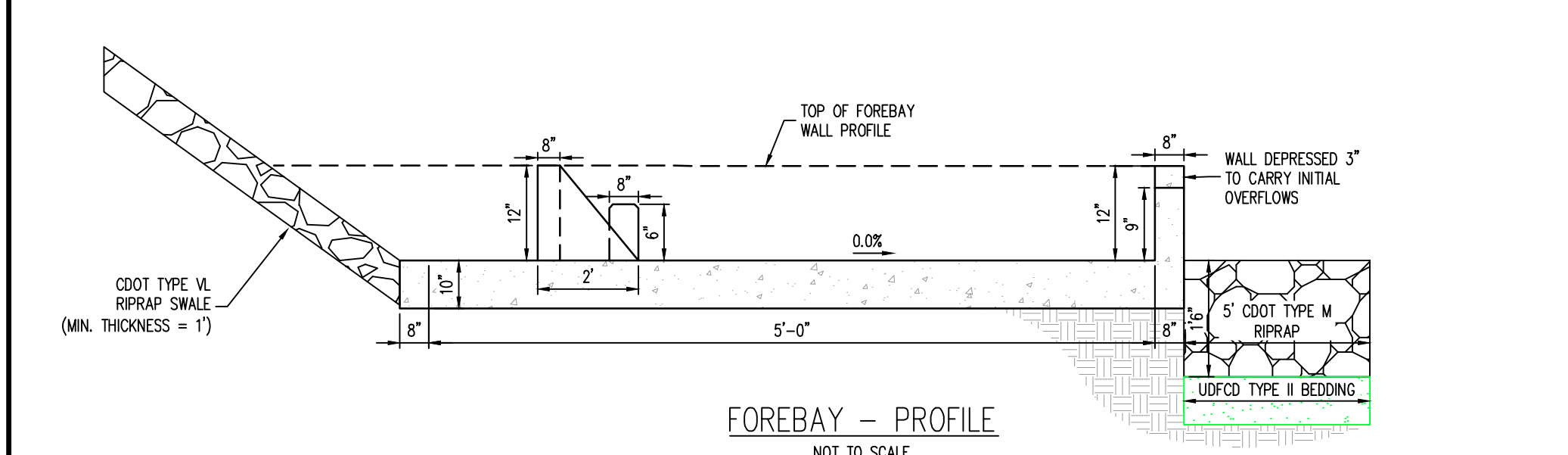
OUTLET STRUCTURE PROFILE
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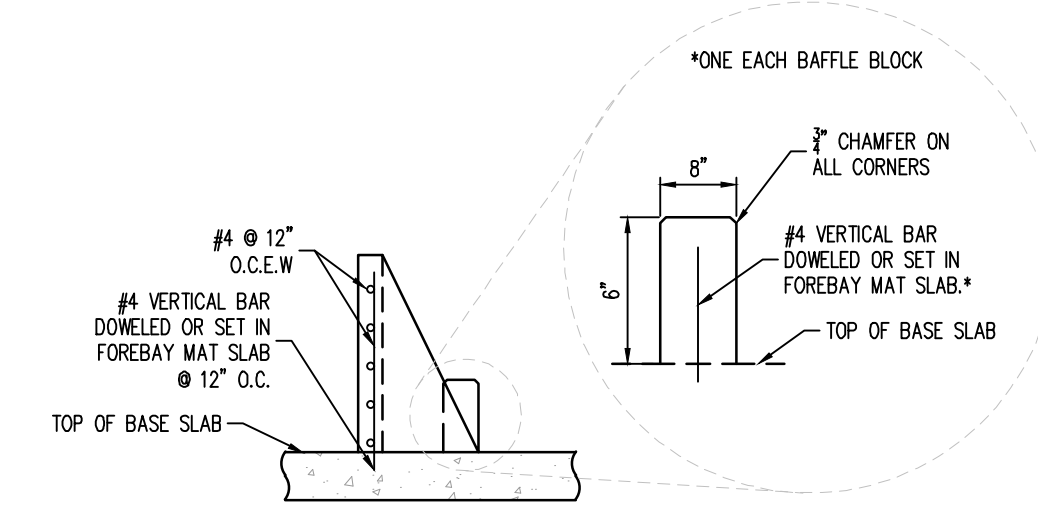
SECTION
NTS



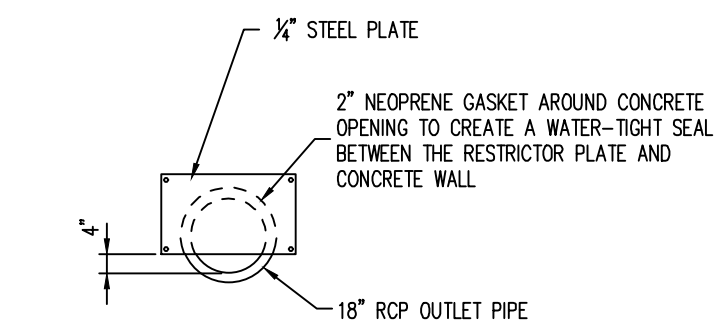
WQCV OPENING AND PLATE MOUNTING DETAIL
NOT TO SCALE



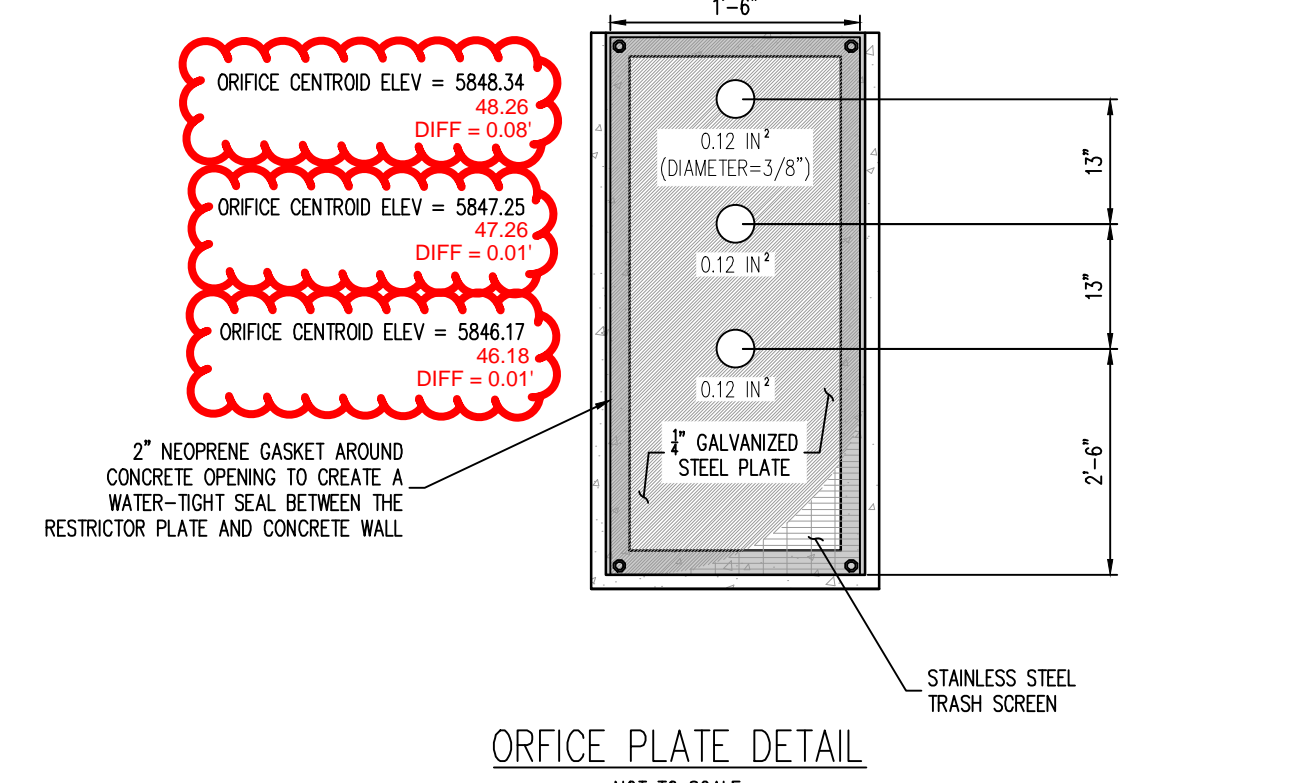
FOREBAY - PROFILE
NOT TO SCALE



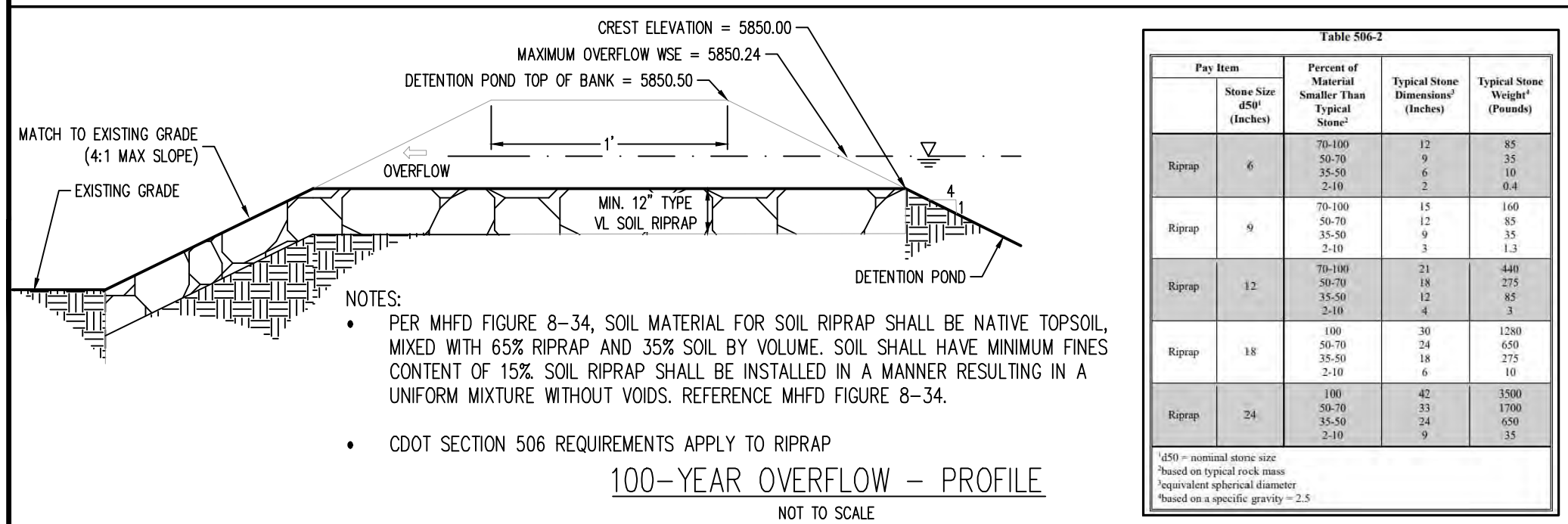
T-BAFFLES & BAFFLE BLOCKS - REINFORCING DETAIL
NOT TO SCALE



100-YR RESTRICTOR PLATE DETAIL
NOT TO SCALE

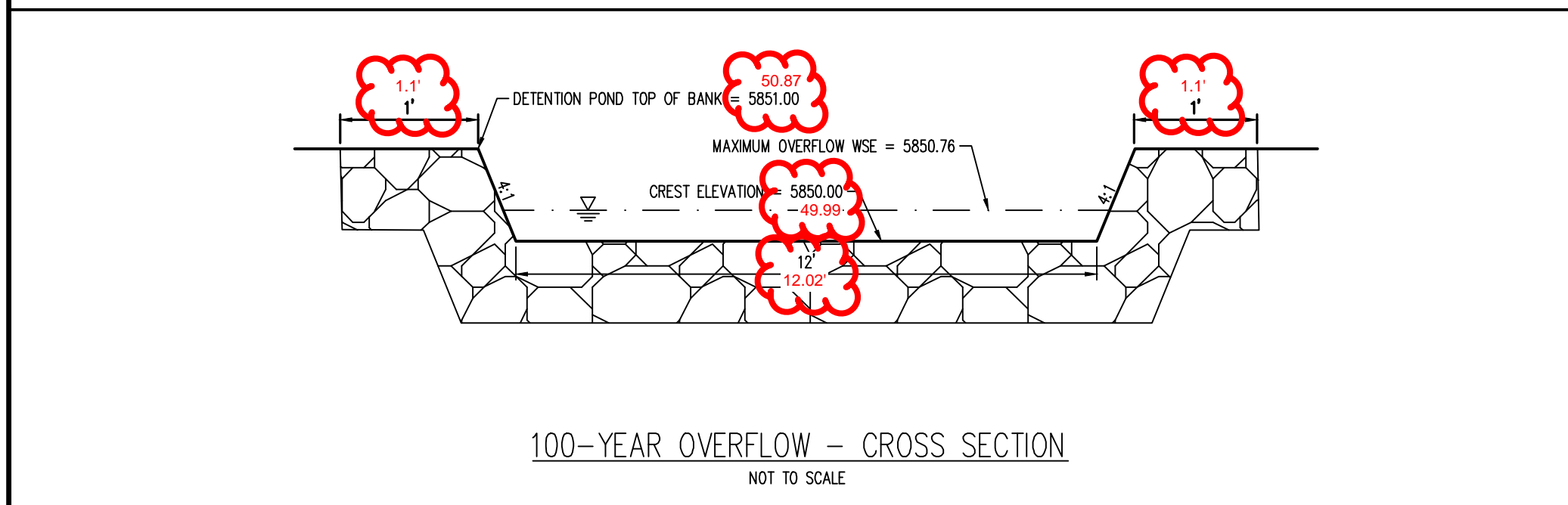


ORFICE PLATE DETAIL
NOT TO SCALE

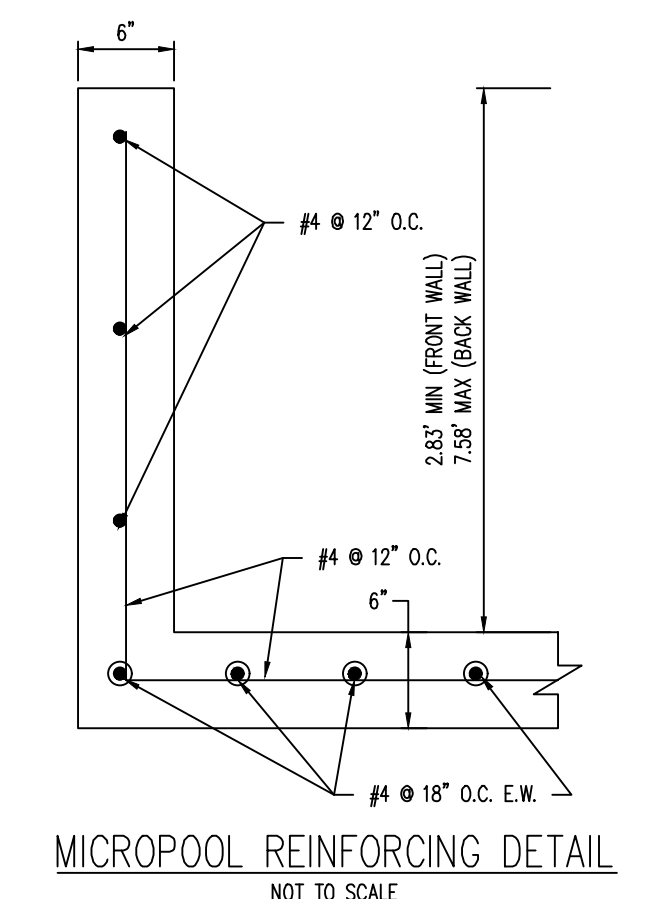


100-YEAR OVERFLOW - PROFILE
NOT TO SCALE

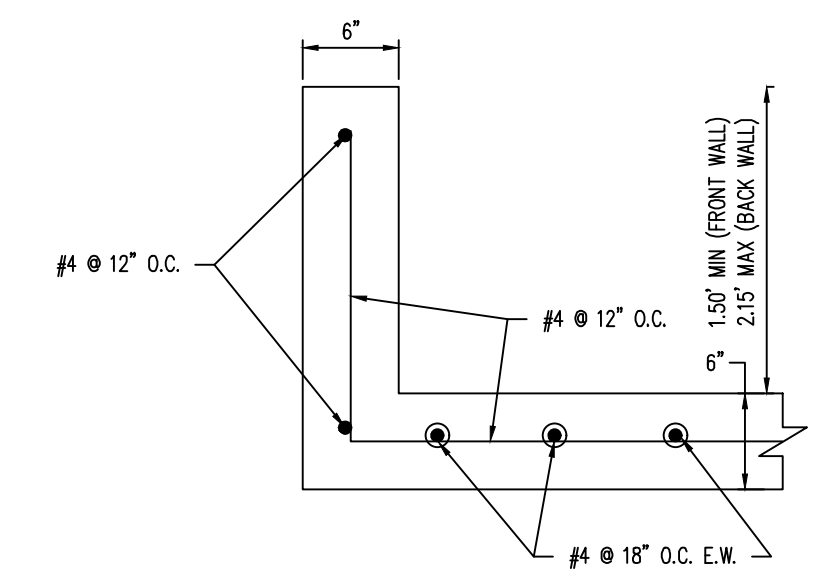
Pay Item	Quantities	Unit	Typical Stone Weight (Pounds)
Riprap	6	cu yd	12
Riprap	9	cu yd	85
Riprap	12	cu yd	168
Riprap	18	cu yd	275
Riprap	24	cu yd	408



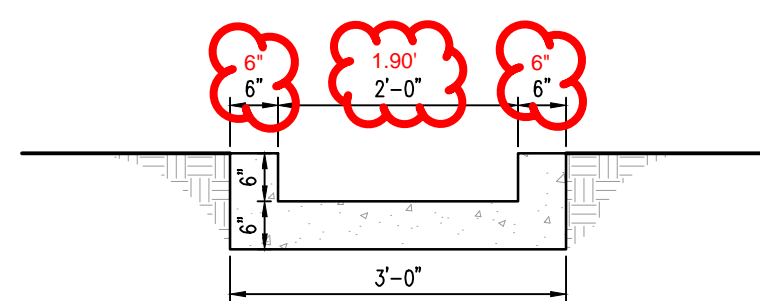
100-YEAR OVERFLOW - CROSS SECTION
NOT TO SCALE



MICROPOOL REINFORCING DETAIL
NOT TO SCALE



FOREBAY REINFORCING DETAIL
NOT TO SCALE



CONCRETE TRICKLE CHANNEL
NOT TO SCALE

**ENGINEERING RECORD DRAWINGS
AS-BUILT DRAWINGS**



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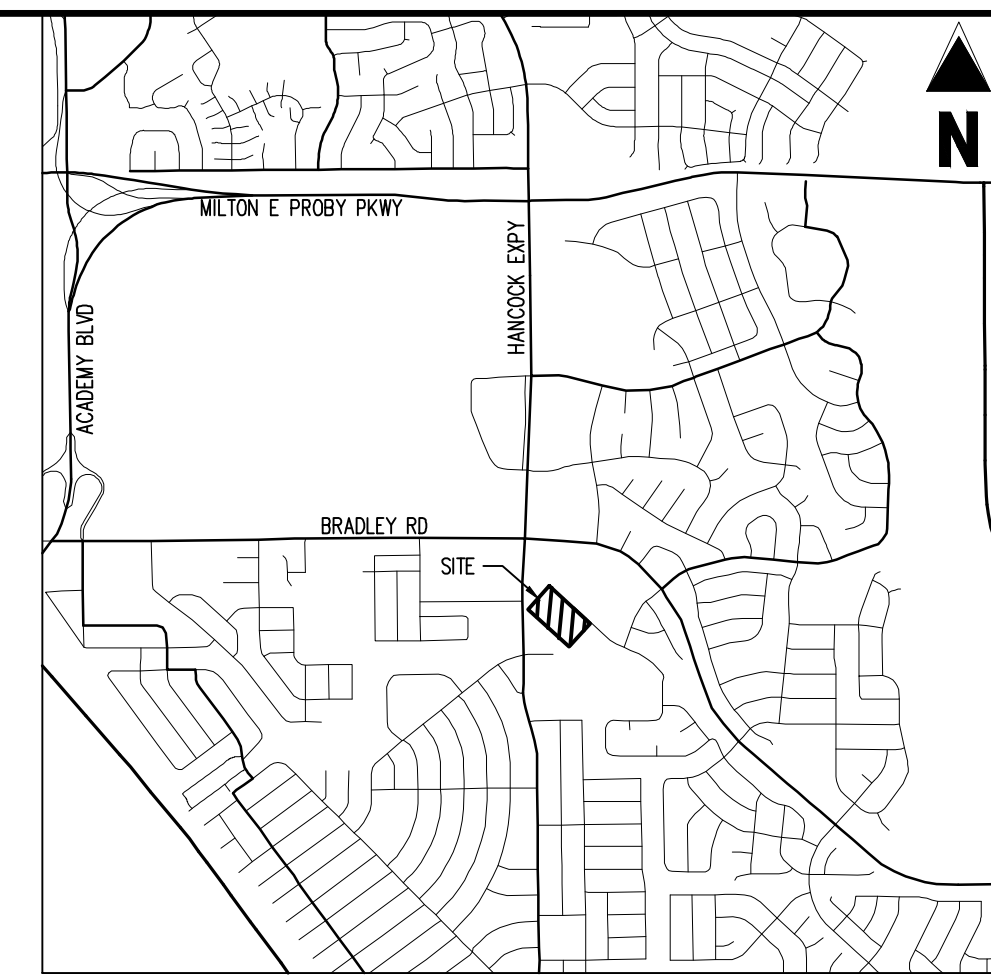
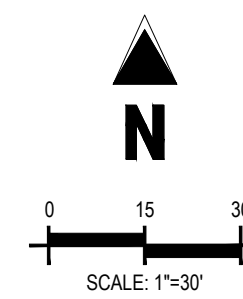


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Project No: HCI00008
Drawn By: TPPT
Checked By: [Signature]
Date: 05/20/2024

ENGINEERING RECORD DRAWINGS AS-BUILT DRAWINGS



VICINITY MAP
SCALE: 1"=500'

UTILITY LEGEND

	PROPERTY BOUNDARY LINE
	ADJACENT PROPERTY BOUNDARY LINE
	EXISTING EASEMENT LINE
	PROPOSED EASEMENT LINE
	PROPOSED BUILDING OUTLINE
	EXISTING WATER LINE
	PROPOSED SANITARY SEWER LINE
	EXISTING SANITARY SEWER LINE
	EXISTING STORM DRAIN LINE
	PROPOSED STORM DRAIN LINE
	EXISTING STORM DRAIN LINE
	PROPOSED RIP RAP
	EXISTING ASPHALT PAVING
	PROPOSED FIRE HYDRANT
	PROPOSED GATE VALVE
	PROPOSED REDUCER
	PROPOSED WATER BEND/TEE
	PROPOSED SANITARY MANHOLE
	PROPOSED FES
	PROPOSED STORM MANHOLE
	PROPOSED CDOT TYPE R STORM INLET

WIDEFIELD WATER AND SANITATION DISTRICT WASTEWATER DESIGN APPROVAL

THE WIDEFIELD WATER AND SANITATION DISTRICT RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN AND HAS LIMITED ITS SCOPE OF REVIEW ACCORDINGLY.

DATE: _____ BY: _____

PROJECT NO. _____

IN CASE OF ERRORS OR OMISSIONS WITH THE WATER DESIGN AS SHOWN ON THIS DOCUMENT THE STANDARDS AS DEFINED IN THE RULES AND REGULATIONS FOR INSTALLATION OF WASTEWATER MAINS AND SERVICES SHALL RULE.

APPROVAL EXPIRES 180 DAYS FROM DESIGN APPROVAL.

WIDEFIELD WATER AND SANITATION DISTRICT WATER DESIGN APPROVAL

THE WIDEFIELD WATER AND SANITATION DISTRICT RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN AND HAS LIMITED ITS SCOPE OF REVIEW ACCORDINGLY.

DATE: _____ BY: _____

PROJECT NO. _____

IN CASE OF ERRORS OR OMISSIONS WITH THE WATER DESIGN AS SHOWN ON THIS DOCUMENT THE STANDARDS AS DEFINED IN THE RULES AND REGULATIONS FOR INSTALLATION OF WATER MAINS AND SERVICES SHALL RULE.

APPROVAL EXPIRES 180 DAYS FROM DESIGN APPROVAL.

BASIS OF BEARINGS

BEARINGS ARE BASED ON WEST LINE OF SECTION 1, TOWNSHIP 15 SOUTH, RANGE 66 WEST, MONUMENTED ON THE NORTH END BY A 6" WITNESS CORNER, FOUND, 3.5" ALUMINUM CAP, T245 R66W W.C. 6.00' S 35 S36 S2 S1 1/4 S R55W 2012 PLS 24313" AND ON THE SOUTH END BY A 3.5" ALUMINUM CAP, FOUND, T19PS 19625", AND IS CONSIDERED TO BEAR N0074204"W.

BENCHMARK

PUBLISHED BENCHMARK
FMS MONUMENT FX35
ELEVATION = 5980.39 (NAVD88)

CAUTION - NOTICE TO CONTRACTOR

1. ALL UTILITY LOCATIONS SHOWN ARE BASED ON MAPS PROVIDED BY THE APPROPRIATE UTILITY COMPANY AND FIELD SURFACE EVIDENCE AT THE TIME OF SURVEY AND IS TO BE CONSIDERED AN APPROXIMATE LOCATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE FIELD LOCATION OF ALL UTILITIES, PUBLIC OR PRIVATE, WHETHER SHOWN ON THE PLANS OR NOT, PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.



2. WHERE A PROPOSED UTILITY CROSSES AN EXISTING UTILITY, IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF SUCH EXISTING UTILITY, EITHER THROUGH POT-HOLING OR ALTERNATIVE METHOD. REPORT INFORMATION TO THE ENGINEER PRIOR TO CONSTRUCTION.

Know what's below.
Call before you dig.



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CONSTRUCTION DOCUMENTS
SMITH PLUMBING & HEATING
FOR
HAMMERS CONSTRUCTION, LLC
1875 MAIN STREET
COLORADO SPRINGS, CO 80911 - EL PASO COUNTY

#	Date	Issue / Description	Init.

Project No: HCI000008
Drawn By: TPT
Checked By:
Date: 05/20/2024
UTILITY SERVICE PLAN

SERVICE TAPS 1-1/2" & 2" TAPPING SADDLE

PLAN

ELEVATION

NOTE:
DIRECT TAPS TO THE WATER MAIN SHALL BE MADE ONLY WHEN APPROVED BY THE DISTRICT. ALL TAPS SHALL USE TAPPING SADDLES. TAPPING SADDLES SHALL HAVE TWO BRASS BANDS AND A BRASS CORPORATION CONNECTION.

NOTES:

- USE ROMAC 202BS TAP SADDLE OR EQUIVALENT.
- ALL TAPS WILL BE MADE ABOVE CENTERLINE OF PIPE AND UPWARD AT A 45° ANGLE.
- TAPS 1 1/2" OR LARGER MAY HAVE LOCATION AND ANGLE ADJUSTED AT THE DISCRETION OF THE INSPECTOR.

TAPPING DETAIL – 3/4" THROUGH 2"

Drawn: GJM	Revised:
Date: SEPT 2014	Revised:
Scale: N.T.S.	Revised:
Revised:	Revised:
Revised:	Revised:
Revised:	Revised:

W-32

TYP. INSTALLATION FOR SERVICE LINE AND STOP BOX

NOTES:

- REFER TO STANDARD DRAWINGS FOR METER, PRESSURE REGULATION AND BACKFLOW PREVENTION DEVICE INSTALLATION DETAILS.
- SERVICE LINE FROM CURB STOP TO THE STRUCTURE BEING SERVED IS THE RESPONSIBILITY OF THE CUSTOMER/OWNER FOR OPERATION AND MAINTENANCE. ONLY THE DISTRICT IS AUTHORIZED TO OPEN AND CLOSE THE CORPORATION AND CURB STOP ONCE IN SERVICE.

TYP. INSTALLATION FOR SERVICE LINE AND STOP BOX

Drawn: GJM	Revised:
Date: SEPT 2014	Revised:
Scale: N.T.S.	Revised:
Revised:	Revised:
Revised:	Revised:
Revised:	Revised:

W-33

ENGINEERING RECORD DRAWINGS AS-BUILT DRAWINGS

TYP. SERVICE LINE TRENCH – COMMON DITCH FOR WATER/SEWER

NOTES:

- SPECIFIC CASE-BY-CASE APPROVAL BY THE DISTRICT SHALL BE REQUIRED PRIOR TO INSTALLATION OF WATER AND SEWER SERVICES IN A COMMON TRENCH.
- USE OF COMMON TRENCH FOR WATER AND SEWER SERVICES SHALL NOT BE PERMITTED IN PUBLIC RIGHT-OF-WAY OR BETWEEN THE WATER CORPORATION STOP AND CURB STOP.
- ALL MATERIALS AND INSTALLATION SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS AND ANY OTHER APPLICABLE CODE OR REGULATION.

TYP. SERVICE LINE TRENCH – COMMON DITCH FOR WATER/SEWER

Drawn: GJM	Revised:
Date: JULY 2011	Revised:
Scale: N.T.S.	Revised:
Revised:	Revised:
Revised:	Revised:
Revised:	Revised:

W-34

1 1/2" AND 2" IRRIGATION METER INSTALLATION

1 1/2" AND 2" IRRIGATION METER INSTALLATION

Drawn: GJM	Revised:
Date: SEPT 2014	Revised:
Scale: N.T.S.	Revised:
Revised:	Revised:
Revised:	Revised:
Revised:	Revised:

W-38

SANITARY SEWER SERVICE CONNECTION

SANITARY SEWER SERVICE CONNECTION

Drawn: GJM	Revised:
Date: JULY 2011	Revised:
Scale: N.T.S.	Revised:
Revised:	Revised:
Revised:	Revised:
Revised:	Revised:

WW-7

TRACER WIRE INSTALLATION DETAILS

TRACER WIRE INSTALLATION DETAILS

Drawn: GJM	Revised:
Date: SEPT 2014	Revised:
Scale: N.T.S.	Revised:
Revised:	Revised:
Revised:	Revised:
Revised:	Revised:

W-9



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 1875 MAIN STREET
 COLORADO SPRINGS, CO 80911 - EL PASO COUNTY

#	Date	Issue / Description	Init.

Project No: HCI000008
 Drawn By: TPPT
 Checked By: [Signature]
 Date: 05/20/2024

UTILITY DETAILS