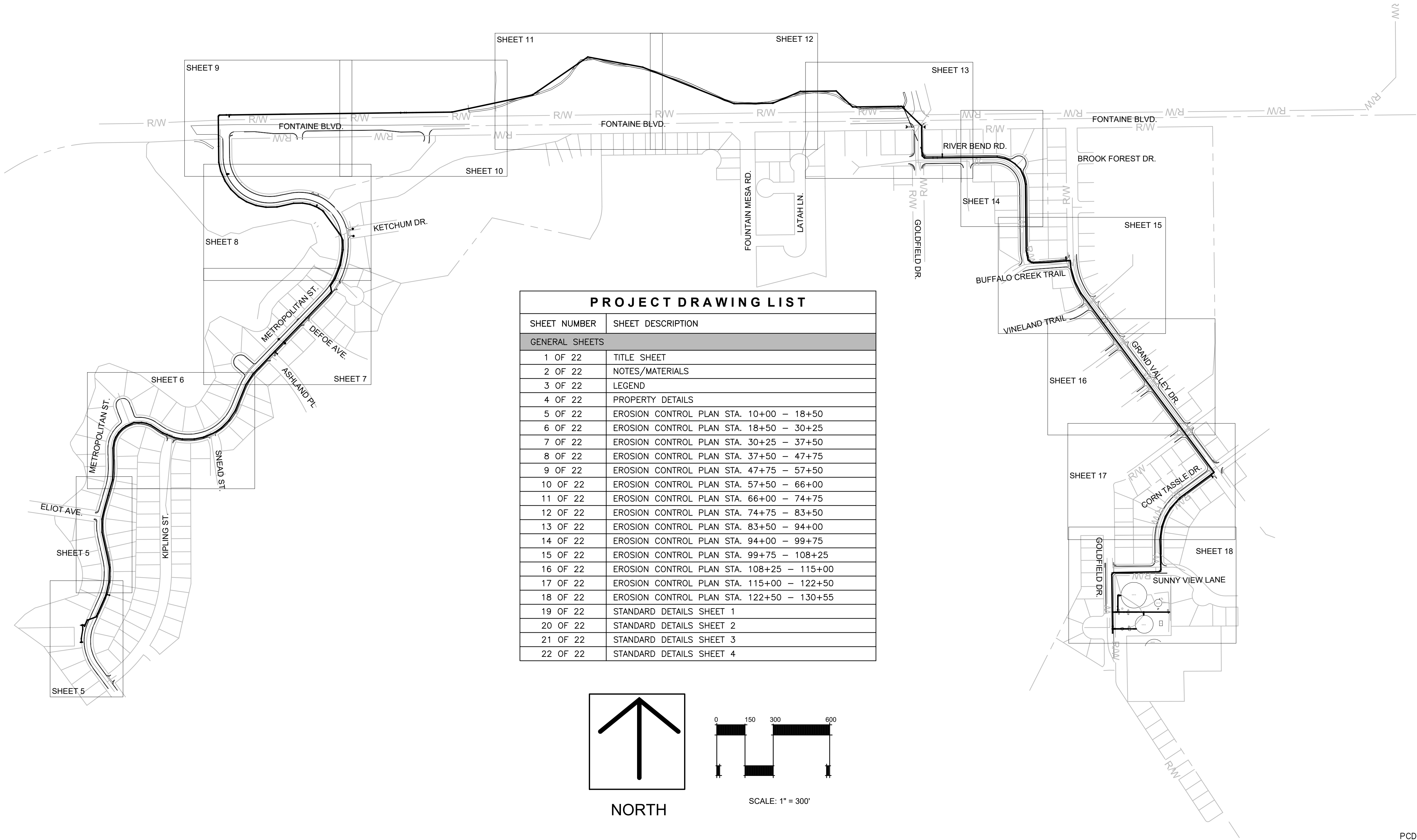
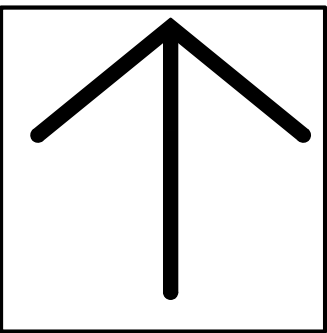


WIDEFIELD WSD
EL PASO COUNTY, COLORADO
GRADING AND EROSION CONTROL PLANS

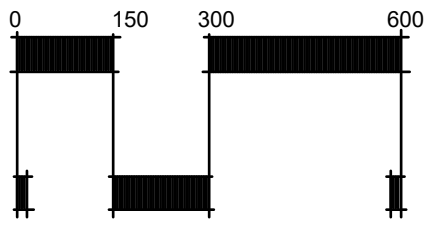
SHEET KEY MAP



PROJECT DRAWING LIST	
SHEET NUMBER	SHEET DESCRIPTION
GENERAL SHEETS	
1 OF 22	TITLE SHEET
2 OF 22	NOTES/MATERIALS
3 OF 22	LEGEND
4 OF 22	PROPERTY DETAILS
5 OF 22	EROSION CONTROL PLAN STA. 10+00 - 18+50
6 OF 22	EROSION CONTROL PLAN STA. 18+50 - 30+25
7 OF 22	EROSION CONTROL PLAN STA. 30+25 - 37+50
8 OF 22	EROSION CONTROL PLAN STA. 37+50 - 47+75
9 OF 22	EROSION CONTROL PLAN STA. 47+75 - 57+50
10 OF 22	EROSION CONTROL PLAN STA. 57+50 - 66+00
11 OF 22	EROSION CONTROL PLAN STA. 66+00 - 74+75
12 OF 22	EROSION CONTROL PLAN STA. 74+75 - 83+50
13 OF 22	EROSION CONTROL PLAN STA. 83+50 - 94+00
14 OF 22	EROSION CONTROL PLAN STA. 94+00 - 99+75
15 OF 22	EROSION CONTROL PLAN STA. 99+75 - 108+25
16 OF 22	EROSION CONTROL PLAN STA. 108+25 - 115+00
17 OF 22	EROSION CONTROL PLAN STA. 115+00 - 122+50
18 OF 22	EROSION CONTROL PLAN STA. 122+50 - 130+55
19 OF 22	STANDARD DETAILS SHEET 1
20 OF 22	STANDARD DETAILS SHEET 2
21 OF 22	STANDARD DETAILS SHEET 3
22 OF 22	STANDARD DETAILS SHEET 4

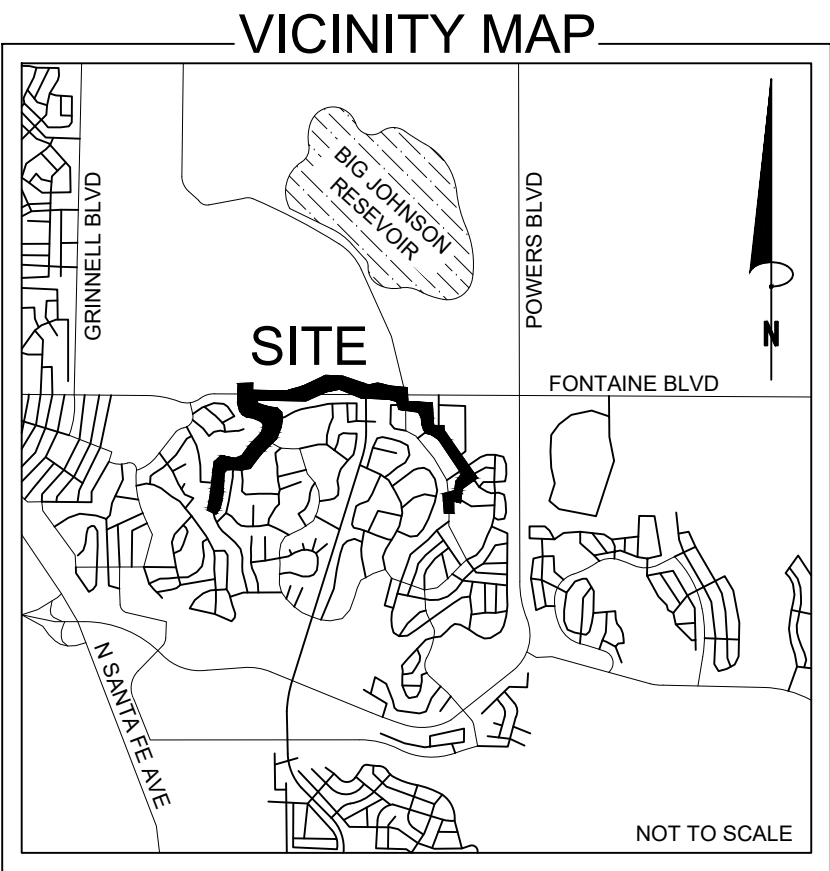


NORTH



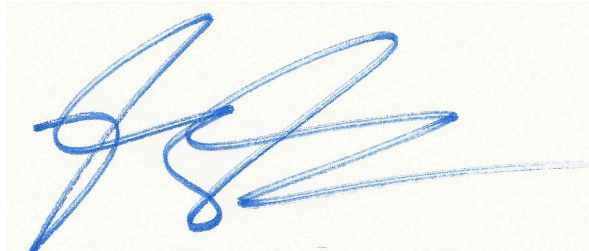
SCALE: 1" = 300'

PCD FILING NO.: CDR2218



ENGINEERS STATEMENT

THIS GRADING AND EROSION CONTROL PLAN WAS PREPARED UNDER MY DIRECTION AND SUPERVISION AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. SAID PLAN HAS BEEN PREPARED ACCORDING TO THE CRITERIA ESTABLISHED BY THE COUNTY FOR GRADING AND EROSION CONTROL PLANS. I ACCEPT RESPONSIBILITY FOR ANY LIABILITY CAUSED BY ANY NEGLIGENT ACTS, ERRORS OR OMISSIONS ON MY PART IN PREPARING THIS PLAN.


RAY PEREZ, COLORADO PE #37173
FOR AND ON BEHALF OF PRC ENGINEERING

11/27/2022
DATE

ENGINEER

RAYMOND E. PEREZ III, P.E.
PRC ENGINEERING
4465 NORTH PARK DRIVE, SUITE 400A
COLORADO SPRINGS, CO 80907
(719) 291-2744
RAY@PRCENG.COM

BENCHMARK

SURVEY DATA IS RELATIVE TO MODIFIED COLORADO STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE (0502), COMBINED SCALE FACTOR OF 1.000315293335. SCALING IS BASED ON SITE BENCHMARK 100. DATUM = NAVD 88

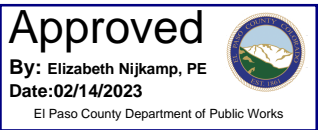
EL PASO COUNTY

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 COMPLETENESS AND/OR ACCURACY OF THIS DOCUMENT.

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

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.
COUNTY ENGINEER, ECM ADMINISTRATOR



DATE

OWNER'S STATEMENT

I, THE OWNER/DEVELOPER WILL COMPLY WITH THE REQUIREMENTS OF THE GRADING AND EROSION CONTROL PLAN.

OWNER SIGNATURE:  DATE: February 6, 2023



Know what's below.
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PRC ENGINEERING
4465 NORTH PARK DRIVE, SUITE 400A
COLORADO SPRINGS, CO 80907



GRADING AND EROSION CONTROL PLANS
WIDEFIELD WSD
NORTHERN UPPER E. TO W. TRANSMISSION MAIN
WATER MAIN REPLACEMENT PROJECT
EL PASO COUNTY, COLORADO

◆ TITLE SHEET

ISSUED	11/27/22

1 OF 22
sheet number

EL PASO COUNTY NOTES

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

EL PASO COUNTY NOTES CONT.

25. ALL CONSTRUCTION TRAFFIC MUST ENTER/EXIT THE SITE ONLY AT APPROVED CONSTRUCTION ACCESS POINTS.
26. PRIOR TO CONSTRUCTION THE PERMITTEE SHALL VERIFY THE LOCATION OF EXISTING UTILITIES.
27. A WATER SOURCE SHALL BE AVAILABLE ON-SITE DURING EARTHWORK OPERATIONS AND SHALL BE UTILIZED AS REQUIRED TO MINIMIZE DUST FROM EARTHWORK EQUIPMENT AND WIND.
28. THE SOILS REPORT FOR THIS SITE HAS BEEN PREPARED BY USDA NATURAL RESOURCES CONSERVATION SERVICE, 08/20/2022 AND SHALL BE CONSIDERED A PART OF THESE PLANS.
29. AT LEAST TEN (10) DAYS PRIOR TO THE ANTICIPATED START OF CONSTRUCTION, FOR PROJECTS THAT WILL DISTURB ONE (1) ACRE OR MORE, THE OWNER OR OPERATOR OF CONSTRUCTION ACTIVITY SHALL SUBMIT A PERMIT APPLICATION FOR STORMWATER DISCHARGE TO THE COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT, WATER QUALITY DIVISION. THE APPLICATION CONTAINS CERTIFICATION OF COMPLETION OF A STORMWATER MANAGEMENT PLAN (SWMP), OF WHICH THIS GRADING AND EROSION CONTROL PLAN MAY BE A PART. FOR INFORMATION OR APPLICATION MATERIALS CONTACT:

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT
WATER QUALITY CONTROL DIVISION
WQCD -PERMITS
4300 CHERRY CREEK DRIVE SOUTH
DENVER, CO 80246-1530
ATTN: PERMITS UNIT
GENERAL NOTES

1. ANY LAND DISTURBANCE BY ANY OWNER,DEVELOPER,BUILDER,CONTRACTOR,OR OTHER PERSON SHALL COMPLY WITH THE BASIC GRADING, EROSION AND STORMWATER QUALITY CONTROL REQUIREMENTS AND GENERAL PROHIBITIONS NOTED IN THE DRAINAGE CRITERIA MANUAL VOLUME II.

2. NO CLEARING, GRADING, EXCAVATION, FILLING OR OTHER LAND DISTURBING ACTIVITIES SHALL BE PERMITTED UNTILSIGNOFF AND ACCEPTANCE OF THE GRADING PLAN AND EROSION AND STORMWATER QUALITY CONTROL PLAN IS RECEIVED FROM CITY ENGINEERING.

3. THE INSTALLATION OF THE FIRST LEVEL OF TEMPORARY EROSION CONTROL FACILITIES AND BMP'S SHALL BE INSTALLED AND INSPECTED PRIOR TO ANY EARTH DISTURBANCE OPERATIONS TAKING PLACE.

4. SEDIMENT (MUD AND DIRT) TRANSPORTED ONTO A PUBLIC ROAD, REGARDLESS OF THE SIZE OF THE SITE, SHALL BE CLEANED IMMEDIATELY.

5. CONCRETE WASH WATER SHALL NOT BE DISCHARGED TO OR ALLOWED TO RUNOFF TO STATE WATERS, INCLUDING ANY SURFACE OR SUBSURFACE STORM DRAINAGE SYSTEM OR FACILITIES.

6. STABILIZED STAGING AREA LOCATION TO BE DETERMINED BY CONTRACTOR.

7. CONCRETE WASHOUT AREA LOCATION TO BE DETERMINED BY CONTRACTOR.

8. 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 OR FINAL EARTH DISTURBANCE HAS BEEN COMPLETED. DISTURBED AREAS AND STOCKPILES WHICH ARE NOT AT FINAL GRADE BUT WILL REMAIN DORMANT FOR LONGER THAN 30 DAYS SHALL ALSO BE MULCHED WITHIN 21 DAYS AFTER INTERIM GRADING. AN AREA THAT IS GOING TO REMAIN IN AN INTERIM STATE FOR MORE THAN 60 DAYS SHALL ALSO BE SEEDED. ALL TEMPORARY SOIL EROSION CONTROL MEASURES AND BMP'S SHALL BE MAINTAINED UNTIL PERMANENT SOIL EROSION CONTROL MEASURES ARE IMPLEMENTED.

9. THE GRADING AND EROSION CONTROL PLAN WILL BE SUBJECT TO RE-REVIEW AND RE-ACCEPTANCE BY EL PASO COUNTY SHOULD ANY OF THE FOLLOWING OCCUR: GRADING DOES NOT COMMENCE WITHIN 12 MONTHS OF THE CITY ENGINEER'S ACCEPTANCE OF THE PLAN, A CHANGE IN PROPERTY OWNERSHIP,PROPOSED DEVELOPMENT CHANGES, OR PROPOSED GRADING REVISIONS.

10. THE PLAN SHALL NOT CHANGE THE DEPTH OF COVER, OR ACCESS TO UTILITY LINES. ACCEPTANCE OF THIS PLAN DOES NOT CONSTITUTE APPROVAL TO GRADE IN ANY UTILITY EASEMENT OR RIGHT-OF-WAY. APPROVALS TO GRADE WITHIN UTILITY EASEMENTS MUST BE OBTAINED FROM THE APPROPRIATE UTILITY COMPANY. IT IS NOT PERMISSIBLE FOR ANY PERSON TO MODIFY THE GRADE OF THE EARTH ON ANY COLORADO SPRINGS UTILITIES EASEMENT OR RIGHT-OF-WAY WITHOUT THEIR WRITTEN APPROVAL. THE PLAN SHALL NOT INCREASE OR DIVERT WATER TOWARDS UTILITY FACILITIES. ANY CHANGES TO UTILITY FACILITIES TO ACCOMMODATE THE PLAN MUST BE APPROVED BY THE AFFECTED UTILITY OWNER PRIOR TO IMPLEMENTING THE PLAN.THE COST TO RELOCATE OR PROTECT UTILITIES OR TO PROVIDE INTERIM ACCESS IS THE APPLICANT'S EXPENSE.

11. ACCORDING TO FEMA FLOOD INSURANCE RATE MAP 08041C0952G DATED DECEMBER 7, 2018, THE PROJECT IS LOCATED WITHIN A ZONE X FLOODPLAIN.

12. A WORK IN THE R.O.W. PERMIT WILL BE REQUIRED FOR ALL CONSTRUCTION WITHIN THE R.O.W. CONTRACTOR WILL GET A EL PASO COUNTY WORK WITHIN THE R.O.W. PERMIT PRIOR TO STARTING WORK WITHIN THE R.O.W.

13. STOCKPILE AND TEMPORARY DISPOSAL AREA LOCATIONS WILL BE DETERMINED BY CONTRACTOR.

14. PROPOSED TOPOGRAPHY IS EQUAL TO EXISTING TOPOGRAPHY.

15. THERE IS NO VEGETATION WITHIN THE ROADWAY AND SIDEWALK. THERE IS GRASS AND TREES ALONG THE SIDEWALKS AND IN THE MEDIAN, AND THE RESIDENCES AND COMMERCIAL AREAS HAVE VARIOUS LANDSCAPING. THESE AREAS ARE OUTSIDE THE PROJECT BOUNDARY AND WILL NOT BE DISTURBED. THE PRE-DISTURBANCE GROUND COVER FOR THAT AREA HAS 0% VEGETATION SINCE IT CONSISTS OF CONCRETE AND ASPHALT. THE VEGETATION ALONG THE OPEN AREA NORTH OF FONTAINE BOULEVARD PRE-DISTURBANCE IS 70% VEGETATIVE DENSITY CONSISTING OF NATIVE GRASSES.
16. TIMING ANTICIPATED STARTING AND COMPLETION TIME PERIOD OF SITE GRADING:

START: 09/26/2022 END: 04/31/2023

EXPECTED DATE ON WHICH THE FINAL STABILIZATION WILL BE COMPLETE:

END: 04/31/2023

TOTAL AREA OF THE SITE TO BE CLEARED, EXCAVATED OR GRADED:

2.5 ACRES

NAME OF RECEIVING WATERS:
TOWN OF FOUNTAIN;CARP LAKE OR JIMMY CAMP CREEK

SOILS INFORMATION:

FORT COLLINS LOAMS
HYDROLOGIC SOIL GROUP _
WILEY SILT LOAM
HYDROLOGIC SOIL GROUP B
NELSON-TASSEL FINE SANDY LOAMS
HYDROLOGIC SOIL GROUPS B-D
STONEHAM SANDY LOAM
HYDROLOGIC SOIL GROUP B
TRUCKTON SANDY LOAM
HYDROLOGIC SOIL GROUP A

EROSION CONTROL QUANTITIES		
MATERIAL	UNIT	AMOUNT
ROCKSOCKS (ROCK SOCKS TO BE RE-USED AS PROJECT PROGRESSES)	EA	50
SILT FENCE	LF	5226
SEDIMENT CONTROL LOG	LF	50
SEEDING AND MULCHING	SY	33979
EROSION CONTROL BLANKET	SY	10695
VEHICLE TRACTION CONTROL	EA	2



PRC ENGINEERING
4465 NORTHPARK DRIVE, SUITE 400A
COLORADO SPRINGS, CO 80907



GRADING AND EROSION CONTROL PLANS

WIDEFIELD WSD

NORTHERN UPPER E. TO W. TRANSMISSION MAIN
WATER MAIN REPLACEMENT PROJECT
EL PASO COUNTY, COLORADO

◆ NOTES / MATERIALS

issued	11/27/22



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LINETYPES	
LINETYPE	DESCRIPTION
—C—	COMMUNICATION
—CATV—	CABLE TV
—	EASEMENT LINE
—X—	FENCE
—F—	FIRE LINE
—FP—	FLOODPLAIN
—II—	FLOODWAY
—.....—	FLOWLINE
—FM—	FORCE MAIN
—G—	GAS LINE
—□—□—	GUARDRAIL/MASONRY FENCE
—○—○—	HANDRAIL
—NG—	NATURAL GAS
—OHE—	OVERHEAD ELECTRIC
—E—	OVERHEAD ELECTRICAL TRANSMISSION
—PD—	PROCESS DRAIN
—PL—	PROPERTY LINE
—R/W—	RIGHT-OF-WAY
—SS—	SANITARY SEWER (10" VCP)
—SSL—	SEWER SERVICE LINE
—SD—	STORM DRAIN
—SF—	SILT FENCE
—TOB—	TOP OF BANK
—TOS—	TOE OF SLOPE
~~~~~	TREE LINE
—UGTV—	UNDERGROUND CABLE TV
—UGE—	UNDERGROUND ELECTRIC
—UGT—	UNDERGROUND TELEPHONE
—UGT(FO)—	OVERHEAD FIBER OPTIC TELEPHONE
— —	WATER EDGE
—W—	WATER LINE
—WSL—	WATER SERVICE LINE
—W1—	POTABLE WATER
—W2—	NON-POTABLE WATER
—(A)—	INDICATES ABANDONED LINE
—12"—	12" INDICATES SIZE OF LINE
—+—+—+—	EXISTING PIPE TO BE ABANDONED
—+—+—+—	EXISTING PIPE TO BE DEMOLISHED
— 1300 —	EXISTING CONTOURS
—1300—	PROPOSED CONTOURS

CIVIL LEGEND	
SYMBOL	DESCRIPTION
	AREA INLET
	BENCH MARK/GEOTECHNICAL BORE
	BOLLARD
	CATCH BASIN/JUNCTION BOX
	CLEANOUT
	CONCRETE HEADWALL
	CURB INLET SEDMIENT FILTER
	DOUBLE COMBINATION INLET
	ELECTRIC BOX
	ELECTRIC DUCT MARKER
	ELECTRIC MANHOLE
	ELECTRIC METER
	EXTENDED THROAT CURB INLET
	FIBER OPTIC BOX
	FIBER OPTIC CABLE RISER/PEDESTAL
	FIBER OPTIC MANHOLE
	FIRE HYDRANT
	FLAGPOLE
	FLARED END SECTION (FES)
	GAS METER
	GAS REGULATOR
	GRATED INLET
	GUY WIRE ANCHOR
	IRRIGATION CONTROL VALVE
	LIFT STATION
	LIGHT POLE
	MANHOLE
	MAILBOX
	MONITORING WELL
	PROCESS DRAIN MANHOLE
	PROPERTY PIN
	PULL BOX
	PUMP STATION
	RAILROAD SWITCH BOX
	RIP RAP
	RIGHT-OF-WAY MARKER
	ROCK DITCH CHECK
	SANITARY SEWER MANHOLE
	SATELLITE DISH
	SEPTIC TANK

CIVIL LEGEND (CONT'D)	
SYMBOL	DESCRIPTION
	SIGN
	SLOPE DIRECTION INDICATOR
	SPRINKLER HEAD
	STANDARD CURB INLET
	STORM DRAIN MANHOLE
	SUMP INLET SEDIMENT FILTER
	SURVEY CONTROL POINT
	TELEPHONE JUNCTION BOX
	TELEPHONE MANHOLE
	TELEPHONE PEDESTAL
	TELEVISION PEDESTAL
	TRAFFIC CONTROL BOX
	TRANSFORMER
	UTILITY POLE
	VALVE
	VALVE COVER
	VENT
	WATER METER
	WELL
	WINDSOCK
	YARD HYDRANT/SPIGOT
	SHRUB/BUSH
	TREE
	EVERGREEN TREE
	DEMOLISH
	PROPOSED HEAVY DUTY ASPHALT
	EXISTING ASPHALT
	PROPOSED ASPHALT/PAVEMENT REPAIR
	EXISTING CONCRETE
	PROPOSED CONCRETE
	PROPOSED HEAVY DUTY CONCRETE
	GRAVEL ROAD OR DRIVE
	SIDEWALK
	STAGING AREA

EROSION CONTROL LEGEND	
SYMBOL	DESCRIPTION
	INITIAL SCL SEDIMENT CONTROL LOG
	INTERIM ECB EROSION CONTROL BLANKET
	FINAL SM SEEDING AND MULCHING
	INITIAL SSA STABILIZED STAGING AREA
	INITIAL VTC VEHICLE TRACKING CONTROL
	INITIAL CWA CONCRETE WASHOUT AREA
	INITIAL SF SILT FENCE
	LOC LIMITS OF CONSTRUCTION
	INTERIM SSA-R MATERIALS STAGING IN ROADWAY
	INTERIM IP-1 INLET PROTECTION
	INTERIM RS ROCK SOCK
	SOIL DISTURBANCE AREA
	EXISTING FLOW DIRECTION
	PROPOSED FLOW DIRECTION
	PROPOSED WATER



GRADING AND EROSION CONTROL PLANS

WIDEFIELD WSD

NORTHERN UPPER E. TO W. TRANSMISSION MAIN

WATER MAIN REPLACEMENT PROJECT

EL PASO COUNTY, COLORADO

LEGEND

issued	11/27/22



TABULATION OF PROPERTIES			
PARCEL NO.	OWNER(S)	PROPERTY ADDRESS*	LEGAL DESCRIPTION /RECEPTION NO.
1	GARCIA STEPHEN W / GARCIA LUZ	7050 METROPOLITAN ST	LOT 11, BLOCK 1 (R1)
2	FIORILLO MICHAEL T	7040 METROPOLITAN ST	LOT 10, BLOCK 1 (R1)
3	HALLIGAN JEFFERY PAUL II / HALLIGAN CHRISTINA	7030 METROPOLITAN ST	LOT 9, BLOCK 1 (R1)
4	ST LOUIS FRANKLYN P / ST LOUIS JODY J	7020 METROPOLITAN ST	LOT 8, BLOCK 1 (R1)
5	WIDEFIELD WATER AND SANITATION DISTRICT	7010 METROPOLITAN ST	REC. NO. 203047157
6	WIDEFIELD WATER AND SANITATION DISTRICT	METROPOLITAN ST	TRACT D (R1)
7	WEST ADAM L / WEST MELANIE J	6990 METROPOLITAN ST	LOT 7, BLOCK 1 (R1)
8	GOURLEY MICHAEL	6974 METROPOLITAN ST	LOT 6, BLOCK 1 (R1)
9	CANADA SANTIAGO H/ HERNANDEZ SUZANNE E	6958 METROPOLITAN ST	LOT 5, BLOCK 1 (R1)
10	DIAMANT ENTERPRISES LLC	6942 METROPOLITAN ST	LOT 4, BLOCK 1 (R1)
11	CREEDON DANIEL	6926 METROPOLITAN ST	LOT 3, BLOCK 1 (R1)
12	JACELON KARIN K	6910 METROPOLITAN ST	LOT 2, BLOCK 1 (R1)
13	JACELON KARIN K, ET AL.	6880 METROPOLITAN ST	LOT 29, BLOCK 2 (R1)
14	SCHMIDT KATHRYN L	6874 METROPOLITAN ST	LOT 28, BLOCK 2 (R1)
15	SALAZAR PAMELA / SALAZAR FRANCIS JR	6868 METROPOLITAN ST	LOT 27, BLOCK 2 (R1)
16	DECARR CHASE MITCHEL	6862 METROPOLITAN ST	LOT 26, BLOCK 2 (R1)
17	RIEHL MATTHEW	6856 METROPOLITAN ST	LOT 25, BLOCK 2 (R1)
18	ABRAMSON WANDA L	6850 METROPOLITAN ST	LOT 24-A (R2)
19	COSGROVE KYLE WESLEY / KHELIANNA C	6844 METROPOLITAN ST	LOT 23-A (R2)
20	COLL CHRISTOPHER	6838 METROPOLITAN ST	LOT 22, BLOCK 2 (R1)
21	MCCANTS ILSE J	6832 METROPOLITAN ST	LOT 21, BLOCK 2 (R1)
22	TINKLE LARRY W / NANCY J	6826 METROPOLITAN ST	LOT 20, BLOCK 2 (R1)
23	MONEY ROBERTS S / LEANN	6820 METROPOLITAN ST	LOT 19, BLOCK 2 (R1)
24	RICH SHARON	6814 METROPOLITAN ST	LOT 18, BLOCK 2 (R1)
25	HUDEPOHL STEVEN	6808 METROPOLITAN ST	LOT 17, BLOCK 2 (R1)
26	GIBSON FORREST	6802 METROPOLITAN ST	LOT 16, BLOCK 2 (R1)
27	GIBSON FORREST J	6790 METROPOLITAN ST	LOT 15, BLOCK 2 (R1)
28	GIBSON FORREST J	6780 METROPOLITAN ST	LOT 14, BLOCK 2 (R1)
29	JACKSON ROBERT C / MARTHA M	6770 METROPOLITAN ST	LOT 13, BLOCK 2 (R1)
30	PETERIE CHARLES A / LAURA J	6760 METROPOLITAN ST	LOT 12, BLOCK 2 (R1)
31	WHITE ANTHONY	6750 METROPOLITAN ST	LOT 11, BLOCK 2 (R1)
32	WILLOUGHBY DAVID W / TRINIDAD	6740 METROPOLITAN ST	LOT 10, BLOCK 2 (R1)
33	DASUGO ERNEST SR	6730 METROPOLITAN ST	LOT 9, BLOCK 2 (R1)
34	CAPALDI JENNIFER / VINYARD DONNA	6720 METROPOLITAN ST	LOT 8, BLOCK 2 (R1)
35	HAMILTON ANGELA	6710 METROPOLITAN ST	LOT 7, BLOCK 2 (R1)
36	BALLARD KARIN U	6690 METROPOLITAN ST	LOT 6, BLOCK 2 (R1)
37	TRL PARTNERSHIP	6680 METROPOLITAN ST	LOT 5, BLOCK 2 (R1)
38	KRUMINS EGON M	6670 METROPOLITAN ST	LOT 4, BLOCK 2 (R1)
39	PLETT GREGORY LOREN / LINDA-RODIO GARCIA	6660 METROPOLITAN ST	LOT 3, BLOCK 2 (R1)
40	BLACK SUSAN A	6650 METROPOLITAN ST	POR. LOT 2, BLOCK 2 (R1) REC. NO. 220042784
41	SNIDDER VALERIE J	6640 METROPOLITAN ST	POR. LOT 1, BLOCK 2 (R1) REC. NO. 217057212
42	WIDEFIELD LAND INVESTMENT LLC	METROPOLITAN ST	REC. NO. 202101941
43	KOWALLIS ARYLL / TERI	7045 METROPOLITAN ST	LOT 18, BLOCK 3 (R1)
44	HARDNETT ROOSEVELT JR / LILLIE V	7025 METROPOLITAN ST	LOT 17, BLOCK 3 (R1)
45	BODEN LARRY B / NANCY I	7015 METROPOLITAN ST	LOT 16, BLOCK 3 (R1)
46	VILLARREAL ROBERT	7005 METROPOLITAN ST	LOT 15, BLOCK 3 (R1)
47	MARTIN HENRY W / ROSA L	6980 METROPOLITAN ST	LOT 14, BLOCK 3 (R1)
48	SANDOVAL CHRISTOPHER	6975 METROPOLITAN ST	LOT 13, BLOCK 3 (R1)
49	FRAZER-KWIATKOWSKI DONNA D	6961 METROPOLITAN ST	LOT 12, BLOCK 3 (R1)
50	ELDRIDGE STEWART C / JOANNE	6947 METROPOLITAN ST	LOT 11, BLOCK 3 (R1)
51	APEL PATRICIA M	6933 METROPOLITAN ST	LOT 10, BLOCK 3 (R1)
52	STANTON DAVID / TAMARA	6919 METROPOLITAN ST	LOT 9, BLOCK 3 (R1)
53	SHELL GEORGE W / LINDA R	6905 METROPOLITAN ST	LOT 8 BLOCK 3 (R1)
54	WOODEN MARK J / TINA T	6885 METROPOLITAN ST	LOT 7, BLOCK 3 (R1)
55	SMITH ADAM L	6881 METROPOLITAN ST	LOT 6, BLOCK 3 (R1)
56	LERDALL KATLYN NICOLE / BROCK STEPHEN	6877 METROPOLITAN ST	LOT 5 BLOCK 3 (R1)
57	WEISENFUHL LIVING TRUS, ET AL.	6873 METROPOLITAN ST	LOT 4, BLOCK 3 (R1)
58	LEBEAU MOK TAN	6865 METROPOLITAN ST	LOT 3 BLOCK 3 (R1)
59	PHELPS FAMILY TRUST	6855 METROPOLITAN ST	LOT 2, BLOCK 3 (R1)
60	MARSHALL GEORGE W / BARBARA J	6835 METROPOLITAN ST	LOT 1, BLOCK 3 (R1)
61	BAEZA JOSE A JR / AVEZZIE NOLAN M	6815 METROPOLITAN ST	LOT 36, BLOCK 3 (R1)
62	HARVEY GENE A	6825 METROPOLITAN ST	LOT 16, BLOCK 5 (R1)
63	ARMOUR ALFRED H JR / VERNICE D	6810 METROPOLITAN ST	LOT 15, BLOCK 5 (R1)
64	VIGO CARLOS J / MELGA M	6805 METROPOLITAN ST	LOT 18, BLOCK 4 (R1)
65	FORWARD JOHN	6785 METROPOLITAN ST	LOT 17, BLOCK 4 (R1)
66	DZIOUCH MITCHELL J	6775 METROPOLITAN ST	LOT 16, BLOCK 4 (R1)
67	ARMENTA HEATHER RENEE	6765 METROPOLITAN ST	LOT 15, BLOCK 4 (R1)
68	MEDINA KATIE / MATTHEW	6755 METROPOLITAN ST	LOT 14, BLOCK 4 (R1)
69	KIRKWOOD CEDRICK / KIMBERLY R	6735 METROPOLITAN ST	LOT 13, BLOCK 4 (R1)
70	WASHINGTON KENT E / ETTYLUN P L	6715 ASHLAND PL	LOT 1, BLOCK 4 (R1)
71	STEWART CHRISTINE	6705 DEFOE AVE	LOT 1, BLOCK 7 (R3)
72	VALLEJO LAURIE A / THOMAS	6710 DEFOE AVE	LOT 7, BLOCK 9 (R3)

TABULATION OF PROPERTIES			
PARCEL NO.	OWNER(S)	PROPERTY ADDRESS*	LEGAL DESCRIPTION /RECEPTION NO.
73	SUHR DELWYN A / GABRIEL M	6759 METROPOLITAN ST	LOT 6, BLOCK 9 (R3)
74	MOODY CHRISTOPHER R	6639 METROPOLITAN ST	LOT 1, BLOCK 9 (R3)
75	BANNISTER RICHARD L / TAMARA D	6851 KETCHUM DR	LOT 25 (R4)
76	BELL ROBIN D / CARRIE M	6850 KETCHUM DR	LOT 1 (R4)
77	BOARD OF COUNTY COMMISSIONERS EL PASO COUNTY	METROPOLITAN ST	REC. NO. 201035245
78	SUNDOWNER TOWNHOMES HOMEOWNERS ASSOC INC.	FOUNTAIN BLVD	POR. OF (R5) REC. NO. 1948785
79	WENGER JASON / ERIKA B	6982 KETCHUM DR	LOT 22 (R4)
80	SMITH JUDY A / DENTON E	6988 KETCHUM DR	LOT 23 (R4)
81	MARTINDALE JASON DAVID / STACY ANN	6994 KETCHUM DR	LOT 24 (R4)
82	WILLIAMS GISELA M	7006 KETCHUM DR	LOT 55 (R6)
83	RUDD KYLE E	7012 KETCHUM DR	LOT 54 (R6)
84	MOCELLAR LORI M	7018 KETCHUM DR	LOT 53 (R6)
85	PEARCE DANIEL V / MEGAN L	7024 KETCHUM DR	LOT 52 (R6)
86	FOX BRYAN CRAIG JR	7030 KETCHUM DR	LOT 51 (R6)
87	WHITE WESLEY G	7036 KETCHUM DR	LOT 50 (R6)
88	MERRILL EDWARD M	7042 KETCHUM DR	LOT 49 (R6)
89	OLIPHANT MICHAEL LYNN II	7048 KETCHUM DR	LOT 48 (R6)
90	KOLLN KEVIN M / CHRISTINA P	7054 KETCHUM DR	LOT 47 (R6)
91	VIGIL ALFRED A III / DANIELLE C	7060 KETCHUM DR	LOT 46 (R6)
92	ROBERTS THOMAS E / JEANNETTE M	7066 KETCHUM DR	LOT 45 (R6)
93	NORMAN TERRY P / KELLY S	7072 KETCHUM DR	LOT 44 (R6)
93	EL PASO COUNTY	FOUNTAIN BLVD	TRACT B (R6) DEDICATED TO PUBLIC R.O.W.
94	EL PASO COUNTY	FOUNTAIN BLVD	TRACT B (R6) DEDICATED TO PUBLIC R.O.W.
95	AASHKH PROPERTIES LLC	6525 FOUNTAIN MESA RD	N160° W185° TRACT A (R7) REC. NO. 217062806
96	PALESTINO MEGAN K	6505 LATAH LN	LOT 4 (R8)
97	MATHIS SAN TORA M / ALISHA M	6513 LATAH LN	LOT 5 (R8)
98	MOLDEN MATTHEW TYLOR / ERIKA NIKOLE	7256 RIVER BEND RD	LOT 5, BLOCK 1 (R7)
99	CONLEY CHRISTOPHER / GAGNON KAYLEIGH	7260 RIVER BEND RD	LOT 4, BLOCK 1 (R7)
100	VENHORST KYLE	7270 RIVER BEND RD	LOT 3, BLOCK 1 (R7)
101	BUCKNER RICHARD / MEGAN J / JUSTIN M	7280 RIVER BEND RD	LOT 2, BLOCK 1 (R7)
102	MILES RONALD A / MARY J	7290 RIVER BEND RD	LOT 1, BLOCK 1 (R7)
103	SEARS JAMES J JR / MI NA	7310 RIVER BEND RD	LOT 1, BLOCK 4 (R7)
104	MCMINN PATRICK A / PAULA R	7320 RIVER BEND RD	LOT 2, BLOCK 4 (R7)
105	CAPON CONSTANCE L	7330 RIVER BEND RD	LOT 3, BLOCK 4 (R7)
106	BURGESS RICHARD B / YLDA	7340 RIVER BEND RD	LOT 4, BLOCK 4 (R7)
107	SMITH JEFFREY R / KATHRYN	7350 RIVER BEND RD	LOT 5, BLOCK 4 (R7)
108	WERNER JAMES E / LYNN A	7360 RIVER BEND RD	LOT 6, BLOCK 4 (R7)
109	NEIFERT PATRICE ELIN MALIA	7410 RIVER BEND RD	LOT 7, BLOCK 4 (R7)
110	MCWHIRTER ANTONETTE M, ET AL.	7414 RIVER BEND RD	LOT 8, BLOCK 4 (R7)
111	MANGIARELLI CHRISTINA M	7418 RIVER BEND RD	LOT 9, BLOCK 4 (R7)
112	GREEN JOSEPH	7422 RIVER BEND RD	LOT 10, BLOCK 4 (R7)
113	DANDURAND FAMILY TRUST / C/O JOHN GONZALEZ	7426 RIVER BEND RD	LOT 11, BLOCK 4 (R7)
114	SHERWOOD DAVID	7430 RIVER BEND RD	LOT 12, BLOCK 4 (R7)
115	GETSKOW MARK FREDRICK / LAUREEN ELIZABETH	7434 RIVER BEND RD	LOT 13, BLOCK 4 (R7) REC. NO. 219013029
116	SMITH MARCUS	7438 RIVER BEND RD	LOT 14, BLOCK 4 (R7)
117	SATOW CATHERINE L	7442 RIVER BEND RD	LOT 15, BLOCK 4 (R7)
118	HUNT KEVIN A / DENISE L / ALEXIS V	7420 RIVER BEND RD	LOT 16, BLOCK 4 (R7)
119	HATZENBELLER JOSHUA	6635 GRAND VALLEY DR	LOT 55, BLOCK 11 (R9)
120	GRIES PATRICK H / DEBRA L	6855 GRAND VALLEY DR	LOT 54, BLOCK 11 (R9)
121	ORTEGA FRANK R JR / THERESA L	7510 VINELAND TRL	LOT 53, BLOCK 11 (R9)
122	REINHOLTZ PHILIP N, ET AL.	7515 VINELAND TRL	LOT 42, BLOCK 11 (R9)
123	GILBERT JONEL R / TRISHO	7510 DOVE CREEK CIR	LOT 41, BLOCK 11 (R9)
124	RANNEY SHANE	7515 DOVE CREEK CIR	LOT 33, BLOCK 11 (R9)
125	HUMBLE DEVIN WAYNE / REGAUNIE TIFFANIE NICOLE	6770 BROOK FOREST DR	LOT 40, BLOCK 10 (R9)
126	ARTHUR JESSICA R	6785 BROOK FOREST DR	LOT 4, BLOCK 9 (R9)
127	TREVISIO ROBERT D / MEGAN C	6775 GRAND VALLEY DR	LOT 3, BLOCK 9 (R9)
128	WILLIAMS RICHARD A / EARLENE C	6815 GRAND VALLEY DR	LOT 2, BLOCK 9 (R9)
129	BEAUVAIS SHIRLEY L	7565 DEER TRL	LOT 1, BLOCK 8 (R9)
130	PLESS ANTWANN LEE	6890 CORN TASSLE DR	LOT 222, BLOCK 12 (R10)
131	KEEFER LEILANI LAVOYSE	6875 CORN TASSLE DR	LOT 243, BLOCK 14 (R10)
132	LIZARRAGA MARISELA / EVODIO	6915 CORN TASSLE DR	LOT 170, BLOCK 10 (R10)
133	ASHBY NANCY / JOHNSON DANIEL	6925 CORN TASSLE DR	LOT 169, BLOCK 10 (R10)
134	RAMIREZ HENRY / ALVAREZ MELISSA	6935 CORN TASSLE DR	LOT 168, BLOCK 10 (R10)
135	FLORIDA DYLAN / PRESLI	6945 CORN TASSLE DR	LOT 167, BLOCK 10 (R10)
136	CASPER LESLIE L / BELEY A	6955 CORN TASSLE DR	LOT 166, BLOCK 10 (R10)
137	LIGHTFRTZ CHRISTOPHER J / CASSANDRA J	6965 CORN TASSLE DR	LOT 165, BLOCK 10 (R10)
138	SAN NICOLAS JOSEPH / LYNETTE S	6975 CORN TASSLE DR	LOT 164, BLOCK 10 (R10)
139	BARSTAD DWIGHT L / JUDY L	7555 SUNNY VIEW LN	LOT 163, BLOCK 9 (R10)
140	TIRADO GLORIA	7565 SUNNY VIEW LN	LOT 162, BLOCK 9 (R10)
141	WIDEFIELD WATER & SANITATION DISTRICT	7545 SUNNY VIEW LN	REC. NO. 98129892
142	PRIDGON NATHANIEL M	6980 GOLDFIELD DR	LOT 1, BLOCK 1 (R11)

TABULATION OF PROPERTIES			
PARCEL NO.	OWNER(S)	PROPERTY ADDRESS*	LEGAL DESCRIPTION /RECEPTION NO.
143	ALLEN JASON B / QUINONEZ TEODOSIA G	6970 GOLDFIELD DR	LOT 5, BLOCK 1 (R11)
144	ROSKOP GABRIELE I	6960 GOLDFIELD DR	LOT 4, BLOCK 1 (R11)
145	MANANDHAR ANJUL L / GINGER A	6950 GOLDFIELD DR	LOT 3, BLOCK 1 (R11)
146	KINNEY RONALD W / PAULA	6940 GOLDFIELD DR	LOT 2, BLOCK 1 (R11)
147	WILLIS BRIAN A / VERONICA M	6930 GOLDFIELD DR	LOT 1, BLOCK 1 (R11)
148	MARTINEZ SAMMIE V	6935 GOLDFIELD DR	LOT 195, BLOCK 11 (R10)
149	MAXIMENKO KYLE	6990 CORN TASSLE DR	LOT 196, BLOCK 11 (R10)
150	ESLINGER JAMES M / LINDA M	6980 CORN TASSLE DR	LOT 197, BLOCK 11 (R10)
151	YOUNG JEREMY D / VASQUEZ MELISSA A	6970 CORN TASSLE DR	LOT 198, BLOCK 11 (R10)
152	GODEC JAMES A / GODEC CHERYL	6960 CORN TASSLE DR	LOT 199, BLOCK 11 (R10)
153	CASTANO DIANNA	6950 CORN TASSLE DR	LOT 200, BLOCK 11 (R10)
154	CASHATT JON / CHRISTINE	6940 CORN TASSLE DR	LOT 201, BLOCK 11 (R10)
155	DODSON KIMBERLY A	6930 CORN TASSLE DR	LOT 202, BLOCK 11 (R10)
156	MILLER DAVID A / MARY F	6920 CORN TASSLE DR	LOT 203, BLOCK 11 (R10)
157	BURTON SHERRI L	6910 CORN TASSLE DR	LOT 204, BLOCK 11 (R10)
158	CURTIS JAY W / REBECCA S	7555 DEER TRL	LOT 7, BLOCK 1 (R7)
159	HARDY VERDE B	7550 DEER TRL	LOT 30, BLOCK 6 (R7)
160	MARTELLO GEORGE F / VINCENTA C	7535 DEER TRL	LOT 29, BLOCK 6 (R7)
161	HERNANDEZ JESSICA	7530 COAL CREEK CIR	LOT 23, BLOCK 6 (R7)
162	ALVARDO MARK A JR / RUACHO MIGUELA M	7495 DOVE CREEK CIR	LOT 22, BLOCK 6 (R7)
163	SCOTT RANDOLPH / ALMA D	7490 DOVE CREEK CIR	LOT 16, BLOCK 6 (R7)
164	BREON DENNIS W / BRENDA J	7455 VINELAND TR	LOT 15, BLOCK 6 (R7)
165	ELLSWORTH BENJAMIN / MIRANDA	7450 VINELAND TR	LOT 6, BLOCK 6 (R7)
166	GRAY MICHAEL J	7425 BUFFALO CREEK TRL	LOT 5, BLOCK 5 (R7)
167	GALLEGOS HOPE / MARTINEZ ERIC	7415 BUFFALO CREEK TRL	LOT 4, BLOCK 5 (R7)
168	COLE BRIAN / PABILONA-COLE RENEE	7395 BUFFALO CREEK TRL	LOT 3, BLOCK 5 (R7)
169	WEBB DARREL D / BOBBIE J	7390 BUFFALO CREEK TRL	LOT 12, BLOCK 3 (R7)
170	LAMPTON RODGER / LISA	7441 RIVER BEND RD	LOT 13, BLOCK 3 (R7)
171	WEIDRICK MONICA L	7437 RIVER BEND RD	LOT 14 BLOCK 3 (R7)
172	AROS JAY DAREL	7433 RIVER BEND RD	LOT 15, BLOCK 3 (R7)
173	MITCHELL EDWARD	7429 RIVER BEND RD	LOT 16, BLOCK 3 (R7)
174	CROSBY LLOYD J / CAROLE F	7421 RIVER BEND RD	LOT 17, BLOCK 3 (R7)
175	MONINGER SCOTT	7365 RIVER BEND RD	LOT 18, BLOCK 3 (R7)
176	BOSSO RYAN M	6555 WHITE WATER LN	LOT 19, BLOCK 3 (R7)
177	BROWN WANDA E	6550 WHITE WATER LN	LOT 31, BLOCK 3 (R7)
178	CONNOLLY MICHAEL J / MARY S	6545 GOLDFIELD DR	LOT 1, BLOCK 3 (R7)
179	TRIPP RICHARD / CORA	6540 GOLDFIELD DR	LOT 10, BLOCK 2 (R7)
180	FOUNTAIN VALLEY SCHOOL	5311-4316 FOUNTAIN VALLEY SCHOOL RD	BOOK 834, PAGE 509
181	CITY OF COLORADO SPRINGS C/O PARK & RECREATION DEPT	S POWERS BLVD	REC. NO. 200150355

(R1) WIDEFIELD COUNTRY CLUB HEIGHTS EAST  
(R2) YATES REPLAT  
(R3) WIDEFIELD COUNTRY CLUB HEIGHTS EAST, FILING NO. 2  
(R4) SUNRISE TERRACE FILING NO. 2  
(R5) SUNDOWNER TOWNHOME SUBDIVISION, FILING NO. 1  
(R6) SUNRISE TERRACE FILING NO. 1  
(R7) SUNRISE RIDGE SUBDIVISION, FILING NO. 1 5243  
(R8) SUNRISE TERRACE FILING NO. 3  
(R9) SUNRISE RIDGE SUBDIVISION, FILING NO. 2  
(R10) SUNRISE RIDGE SUBDIVISION, FILING NO. 5  
(R11) SUNRISE RIDGE SUBDIVISION, FILING NO. 4



PRC ENGINEERING  
4465 NORTHPARK DRIVE, SUITE 400A  
COLORADO SPRINGS, CO 80907



GRADING AND EROSION CONTROL PLANS  
  
WIDEFIELD WSD  
  
NORTHERN UPPER E. TO W. TRANSMISSION MAIN  
WATER MAIN REPLACEMENT PROJECT  
EL PASO COUNTY, COLORADO

◆ NOTES / MATERIALS

issued	11/27/22





Know what's below.  
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or [www.UNCC2.org](http://www.UNCC2.org)



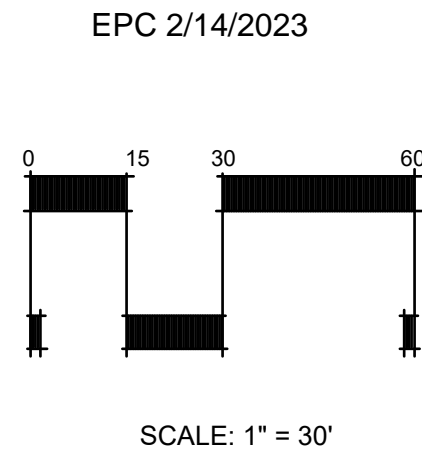
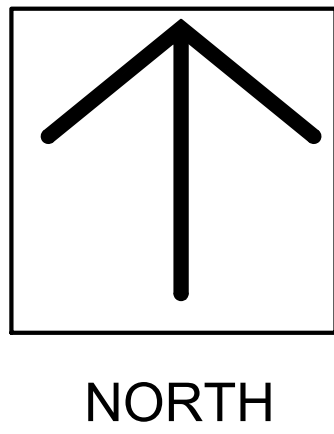
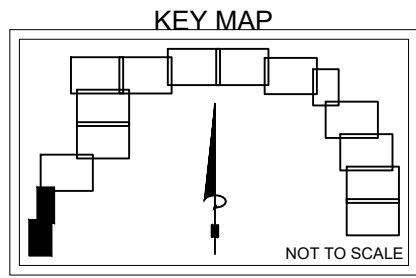
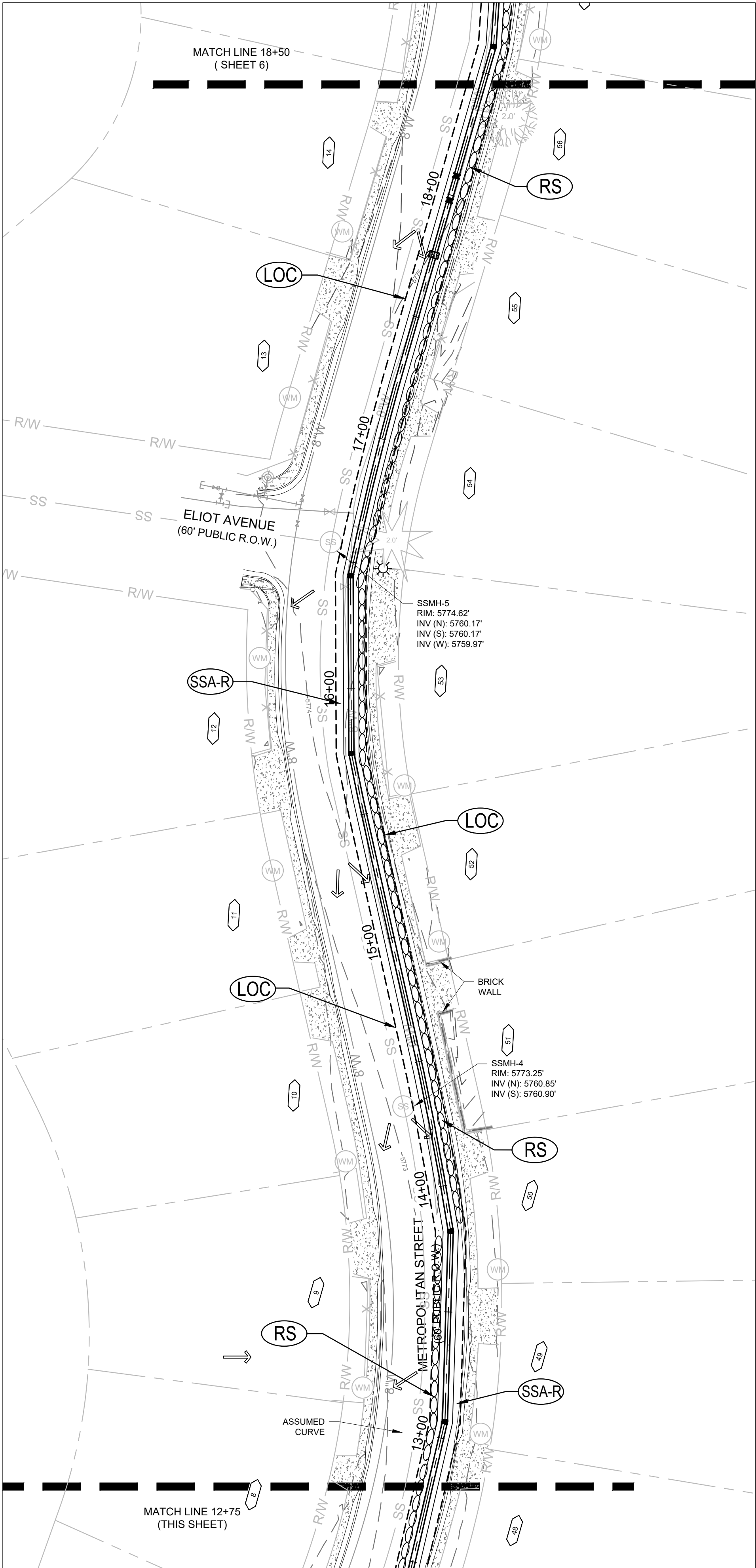
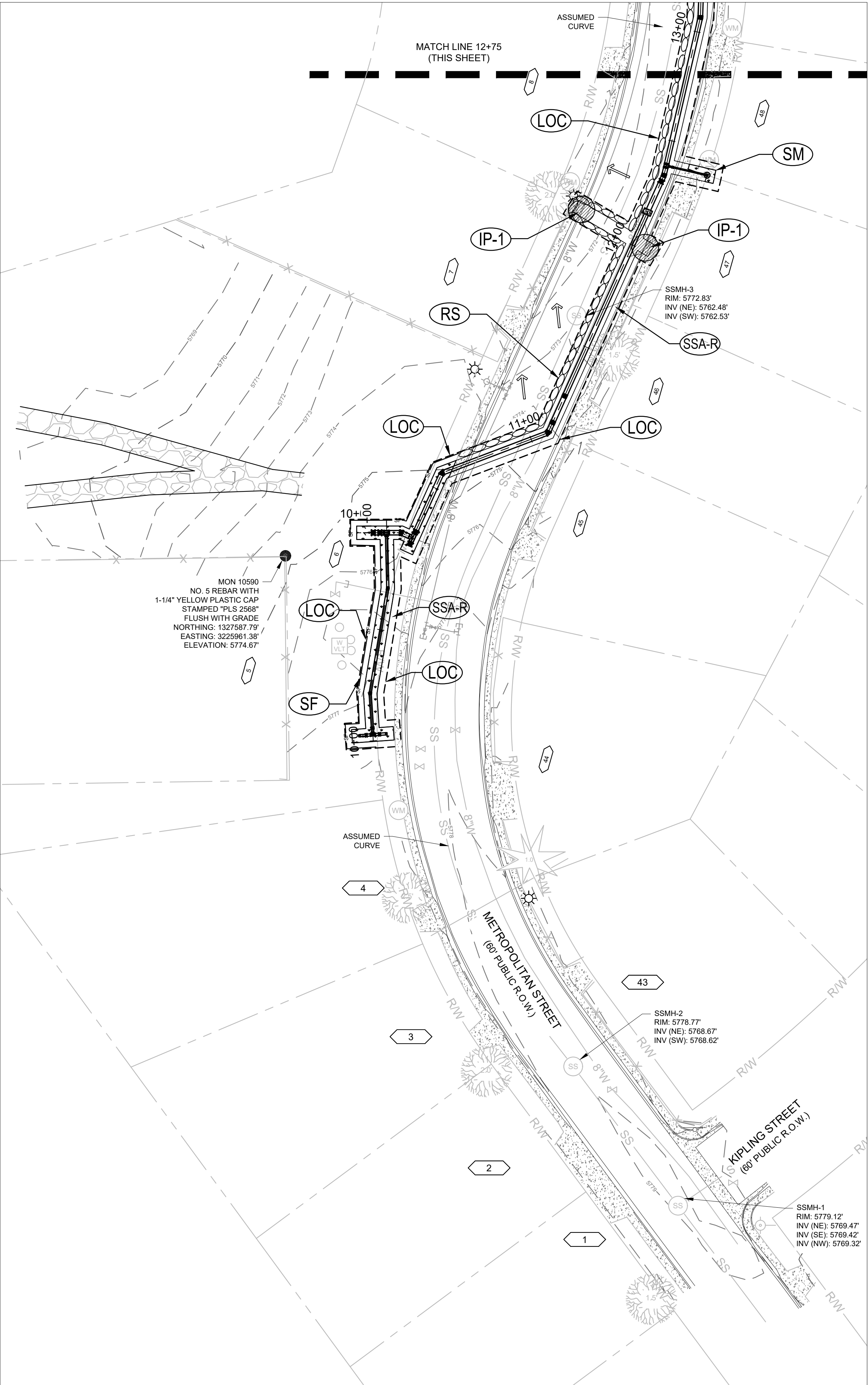
PRC ENGINEERING  
4465 NORTH PARK DRIVE, SUITE 400A  
COLORADO SPRINGS, CO 80907



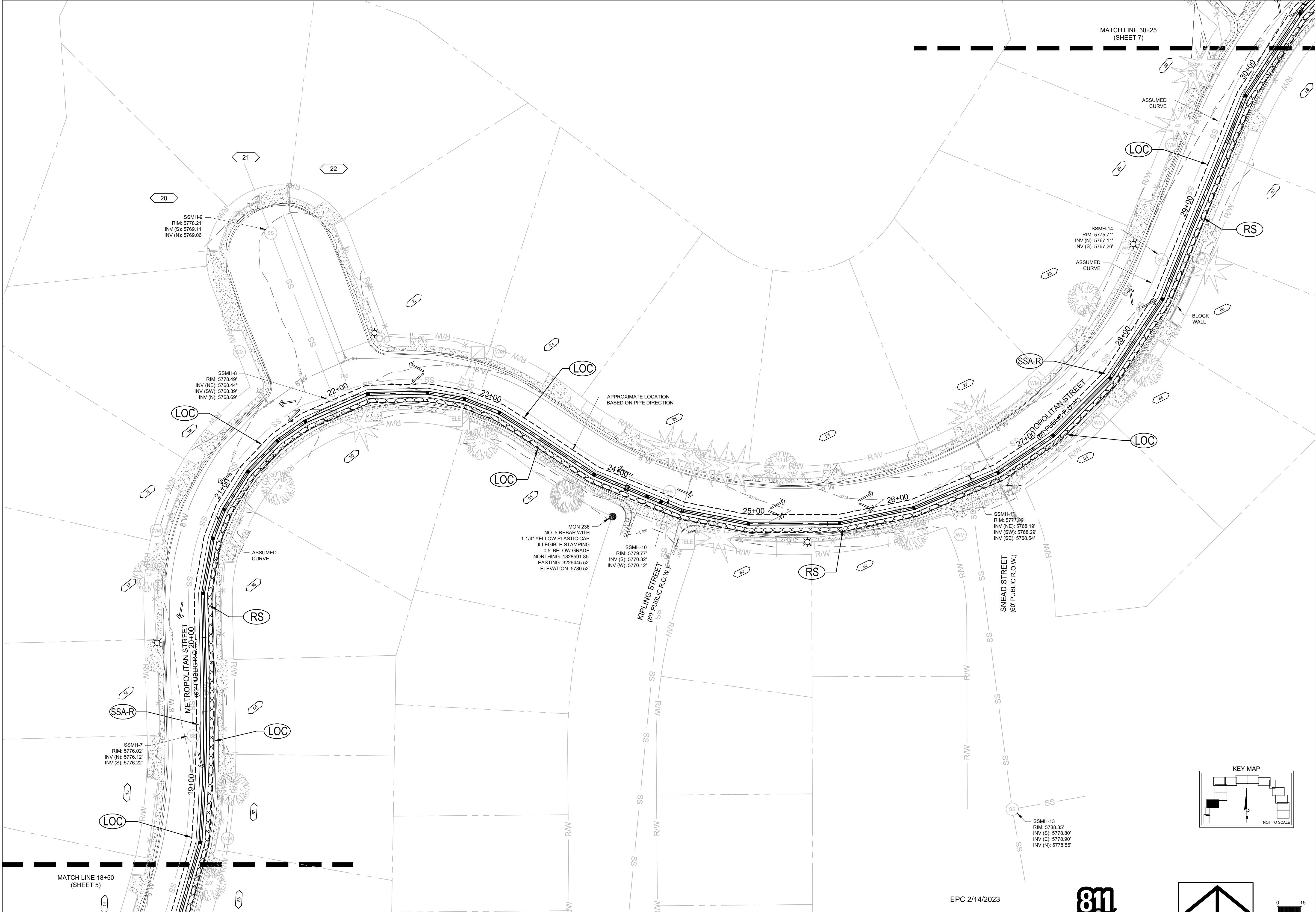
GRADING AND EROSION CONTROL PLANS  
**WIDEFIELD WSD**  
NORTHERN UPPER E. TO W. TRANSMISSION MAIN  
WATER MAIN REPLACEMENT PROJECT  
EL PASO COUNTY, COLORADO

♦ EROSION CONTROL PLAN  
STA. 10+00 - 18+50

issued	11/27/22







MATCH LINE 18+50  
(SHEET 5)

MATCH LINE 30+25  
(SHEET 7)

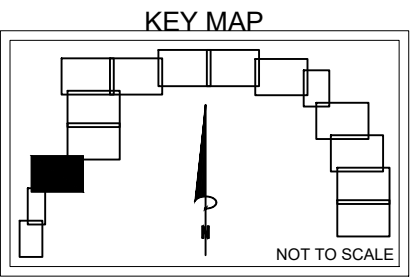
MON 236  
NO. 6 REBAR WITH  
1-1/4" YELLOW PLASTIC CAP  
ILLEGIBLE STAMPING  
0.5' BELOW GRADE  
NORTHING: 1328591.85  
EASTING: 3226445.52  
ELEVATION: 5780.52

SSMH-10  
RIM: 5779.77  
INV (S): 5770.32  
INV (W): 5770.12

SSMH-12  
RIM: 5777.09  
INV (NE): 5768.19  
INV (SW): 5768.29  
INV (SE): 5768.54

SSMH-14  
RIM: 5775.71  
INV (N): 5767.11  
INV (S): 5767.26

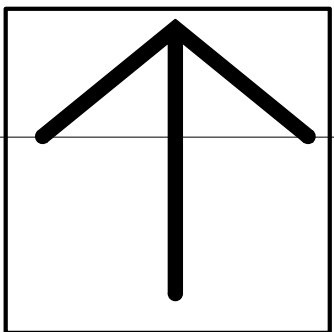
SSMH-13  
RIM: 5788.35  
INV (S): 5778.80  
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INV (N): 5778.55



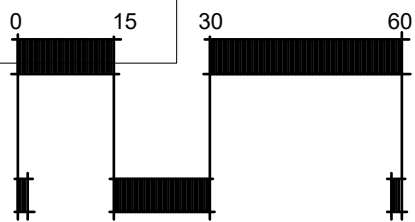
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**WIDEFIELD WSD**  
NORTHERN UPPER E. TO W. TRANSMISSION MAIN  
WATER MAIN REPLACEMENT PROJECT  
EL PASO COUNTY, COLORADO

◆ EROSION CONTROL PLAN  
STA. 18+50 - 30+25

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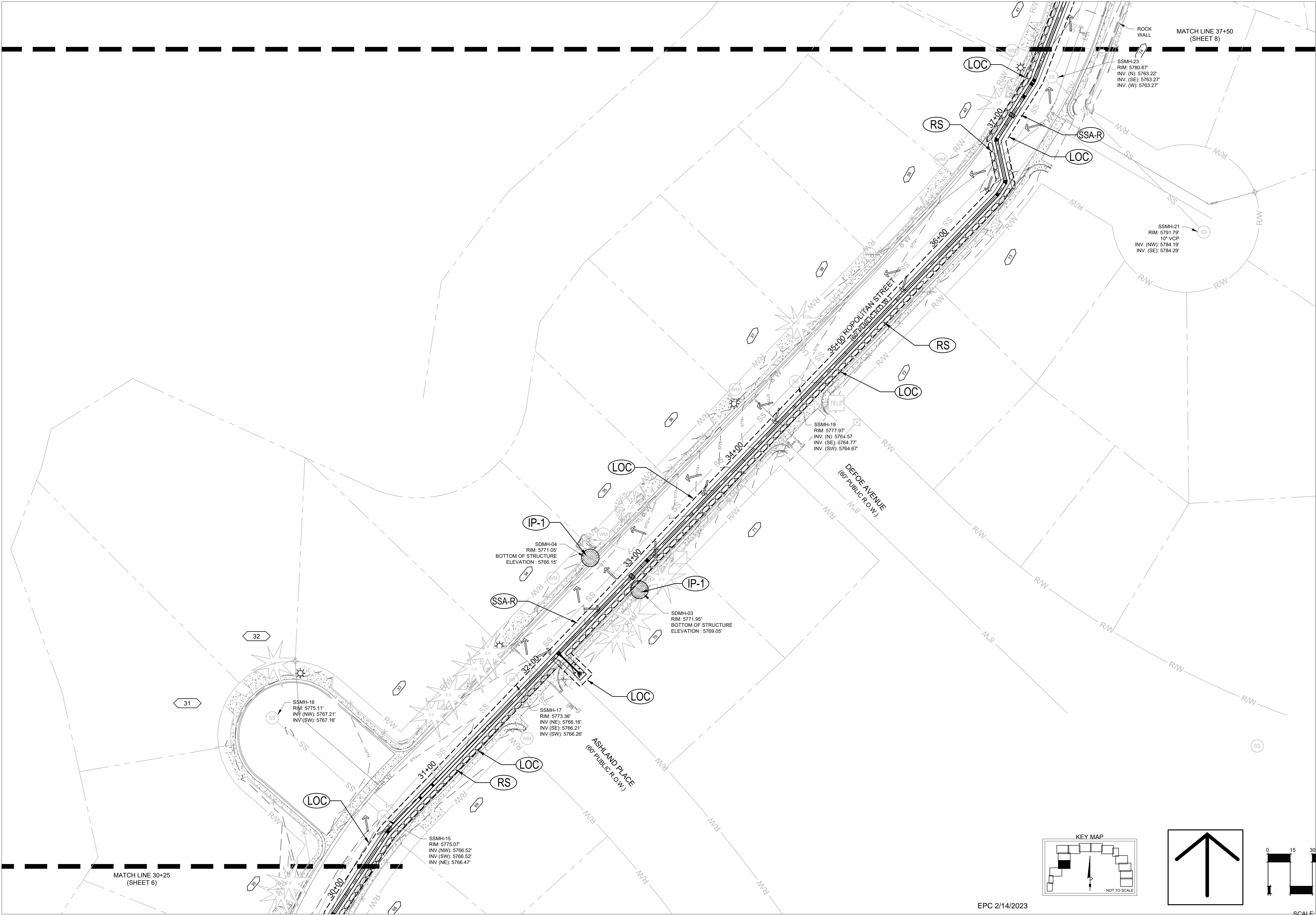
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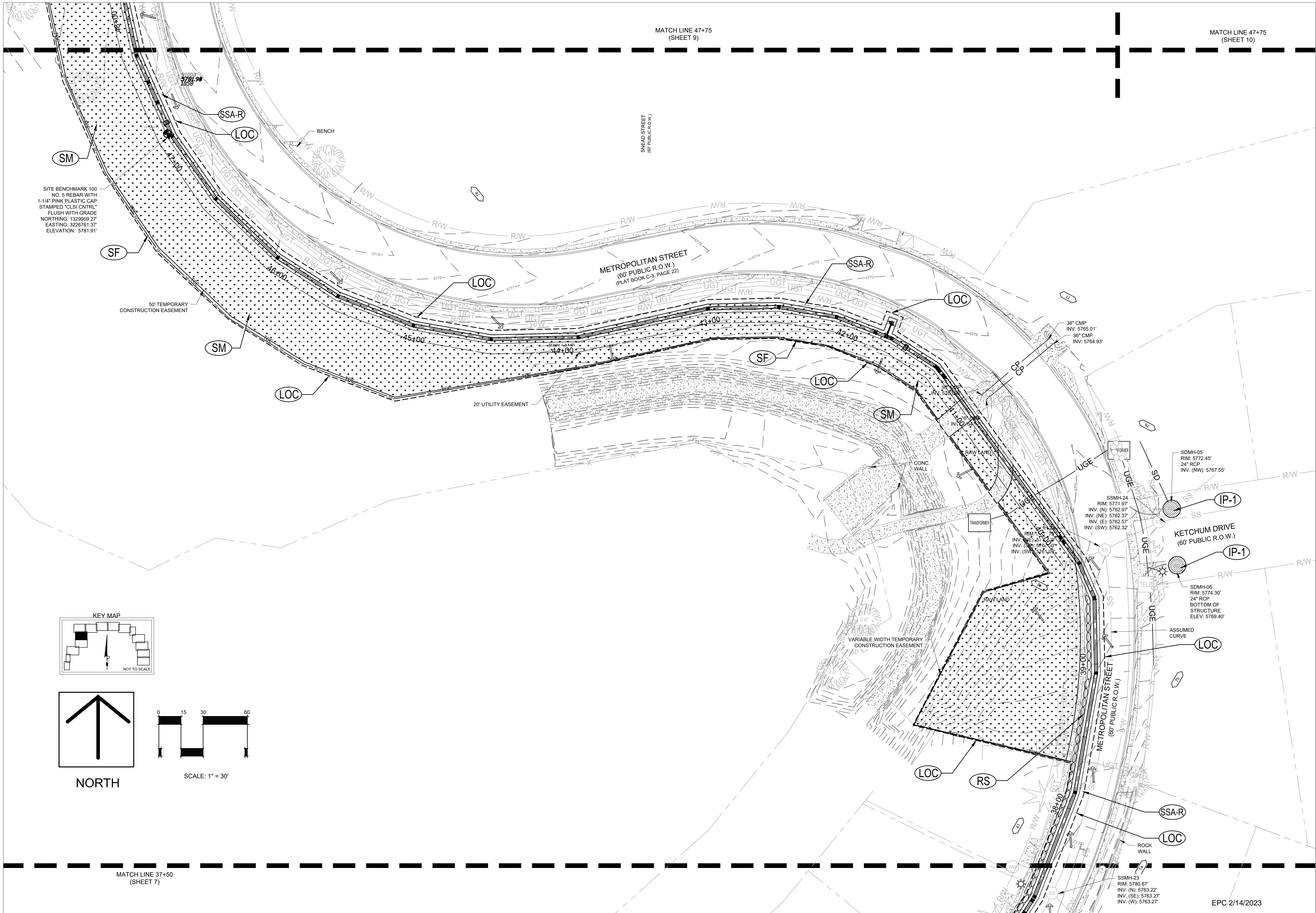
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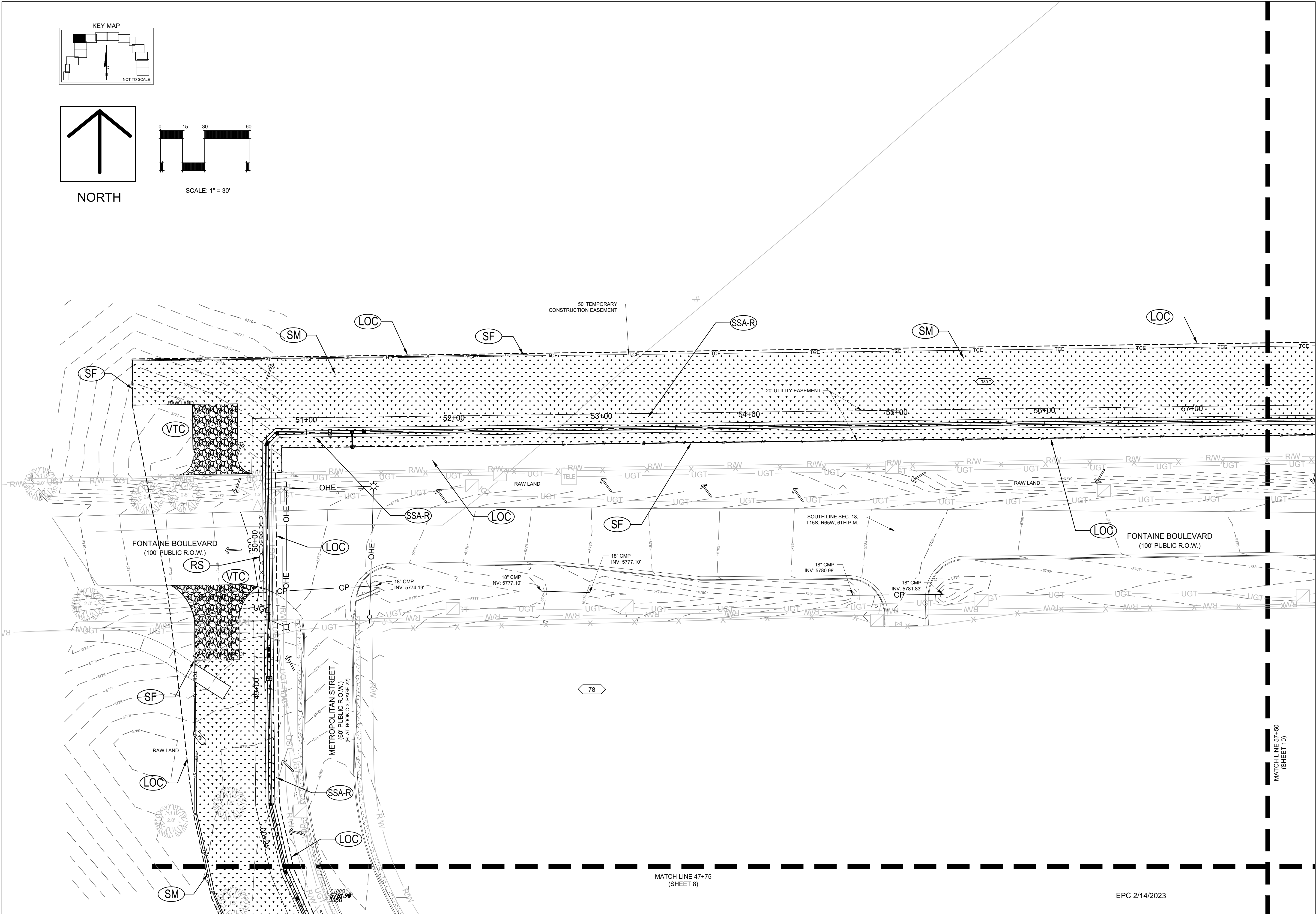


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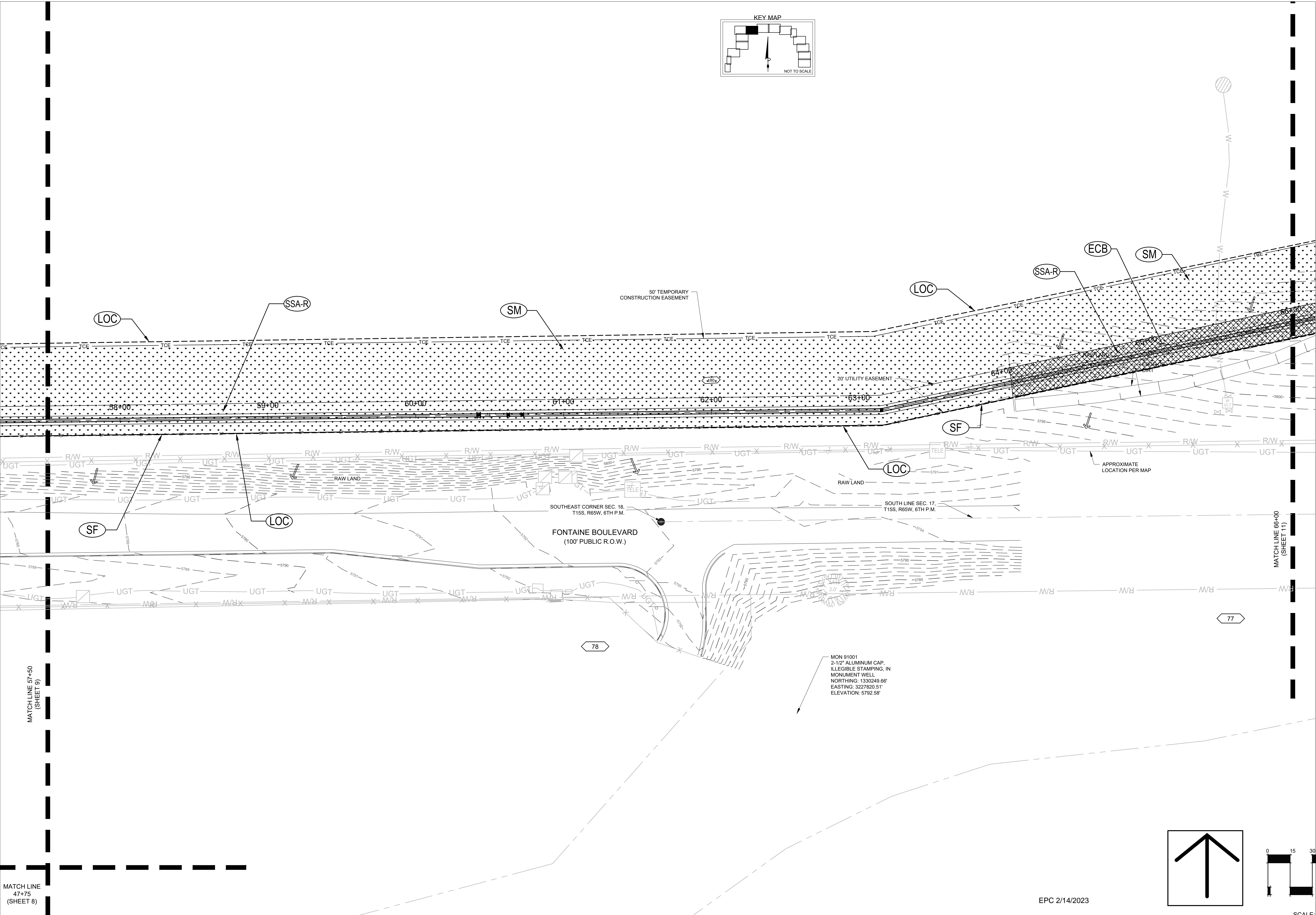


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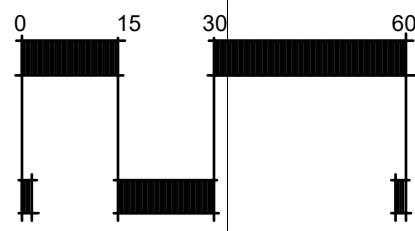
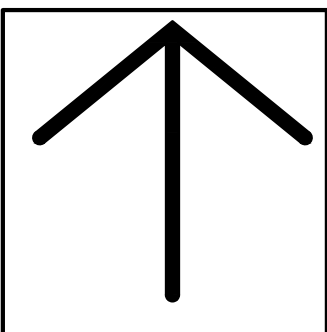
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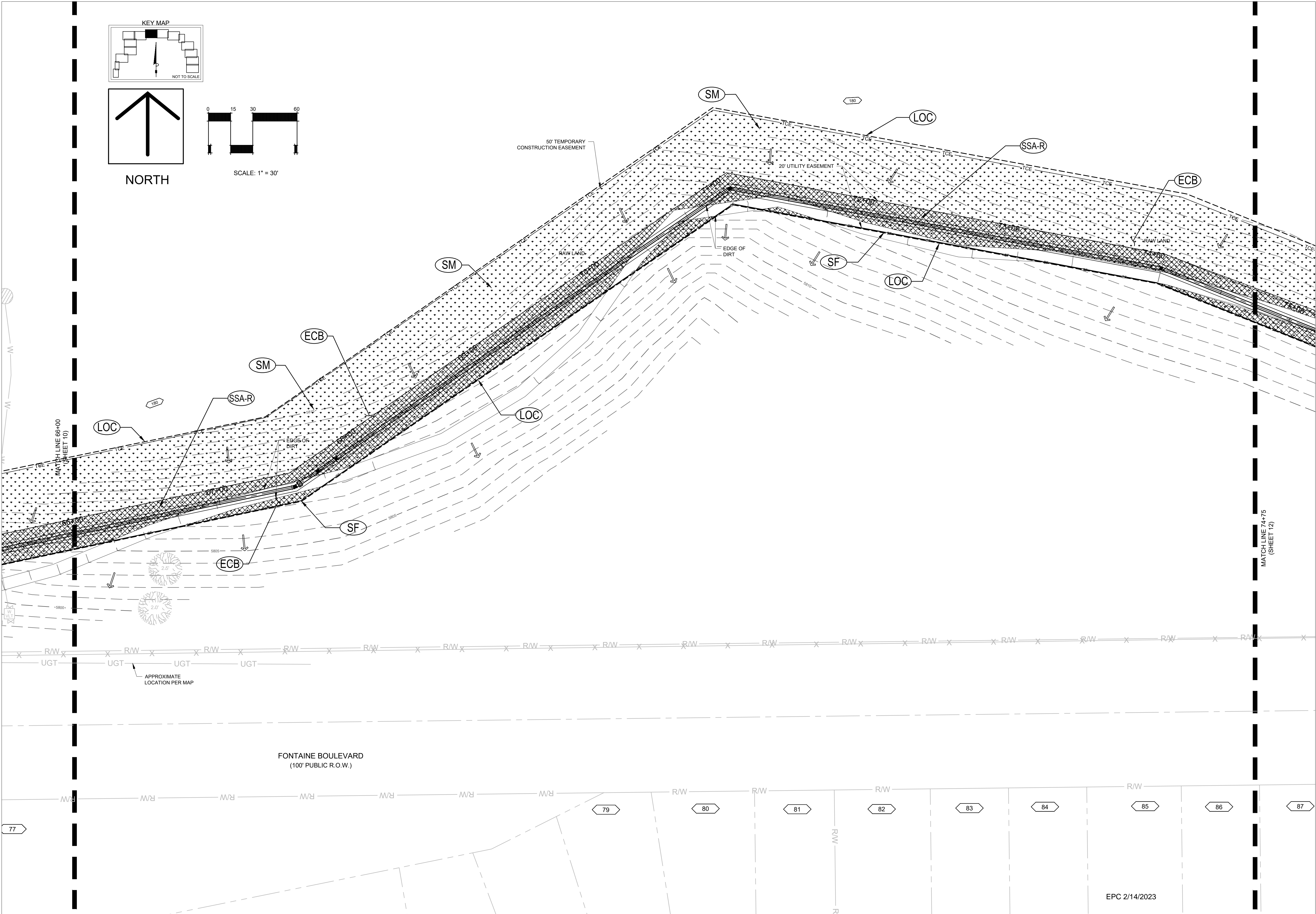
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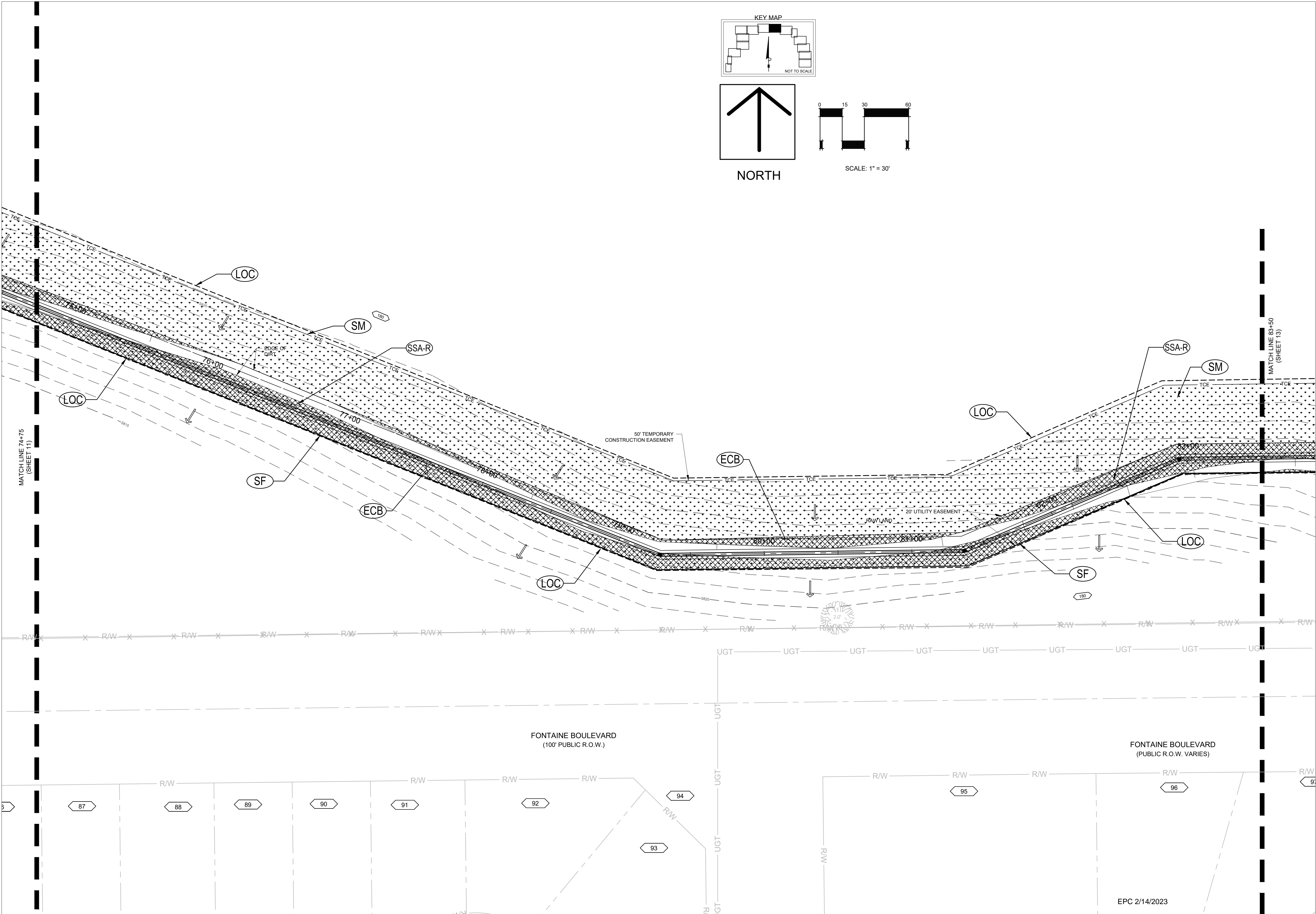
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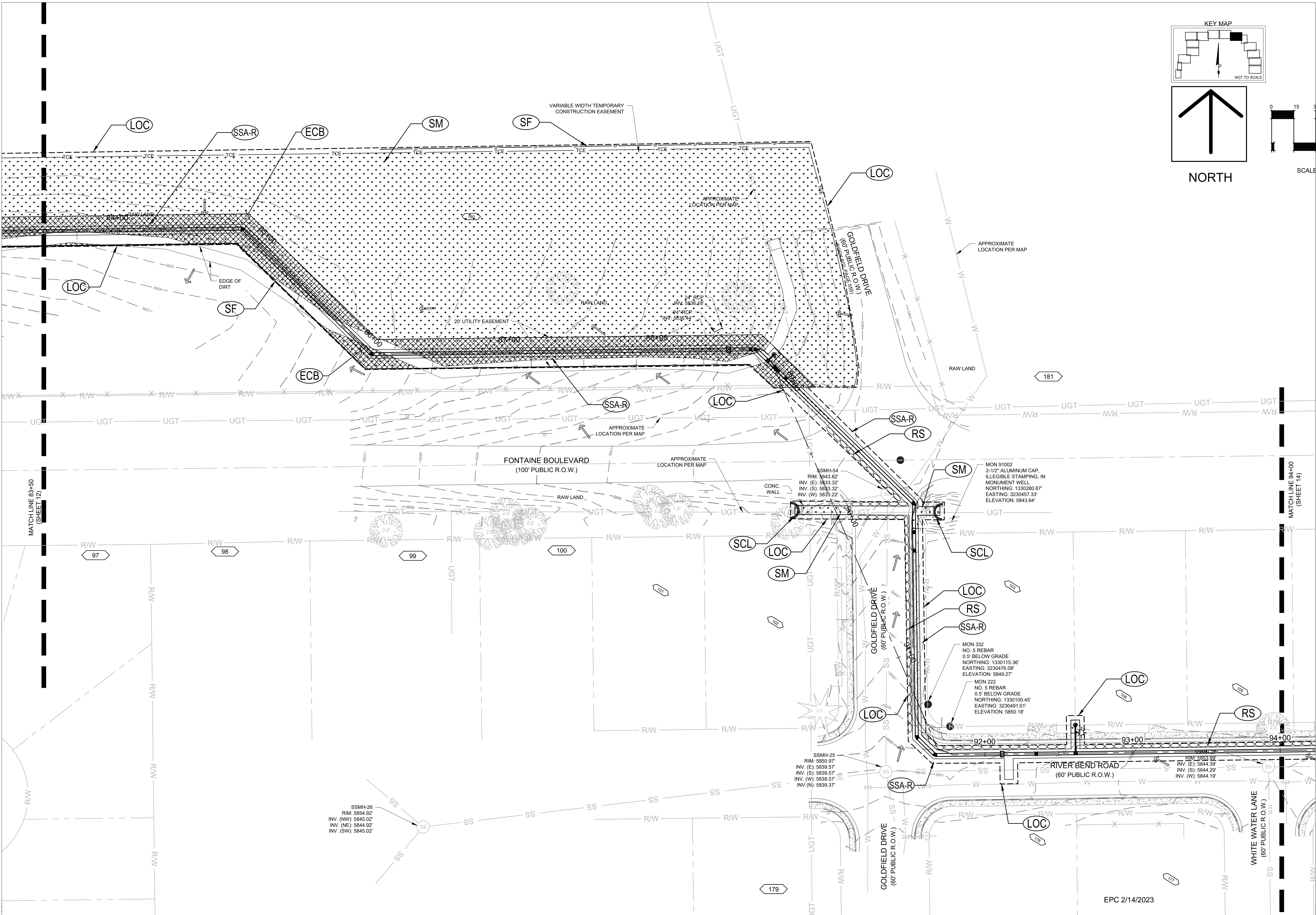


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EROSION CONTROL PLAN  
STA. 83+50 - 94+00

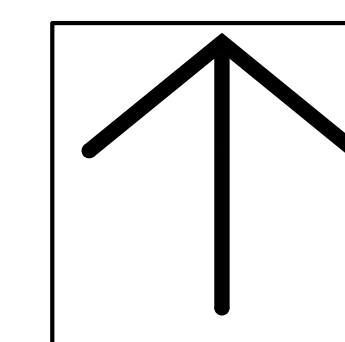
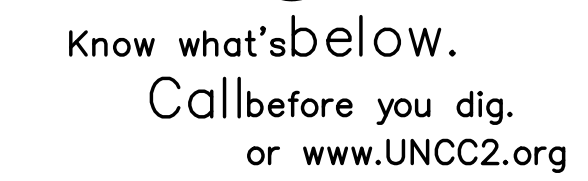
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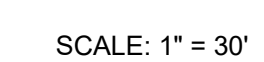


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## GRADING AND EROSION CONTROL PLANS

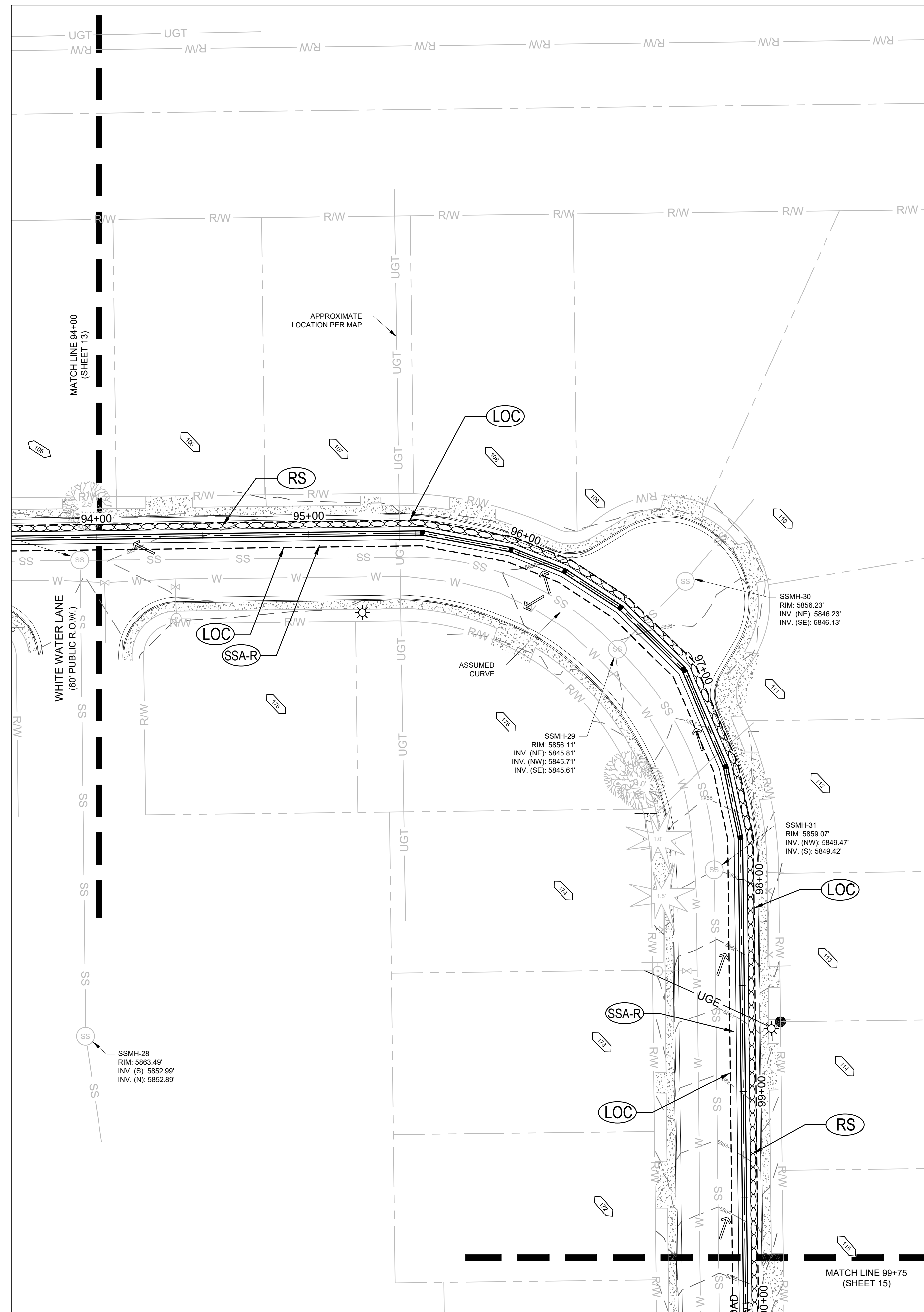
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STA. 94+00 - 99+75

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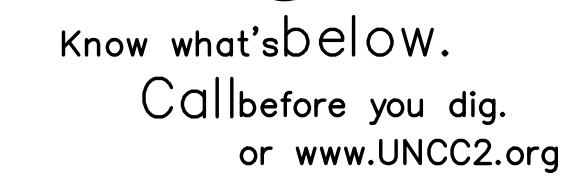
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14 OF 22  
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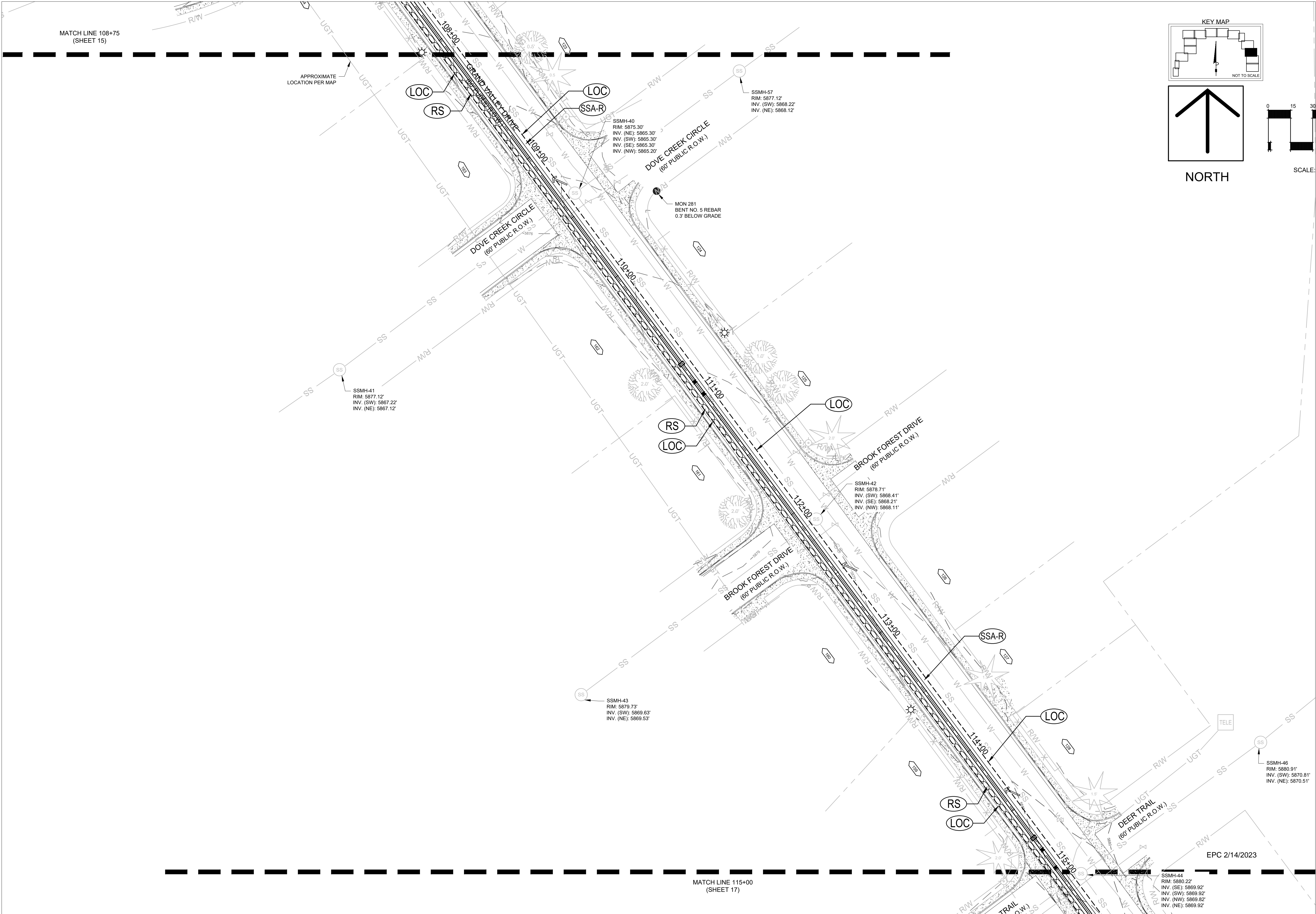
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STA. 108+75 - 115+00

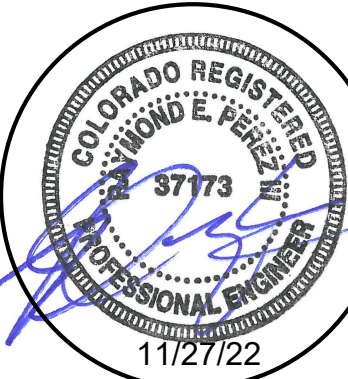
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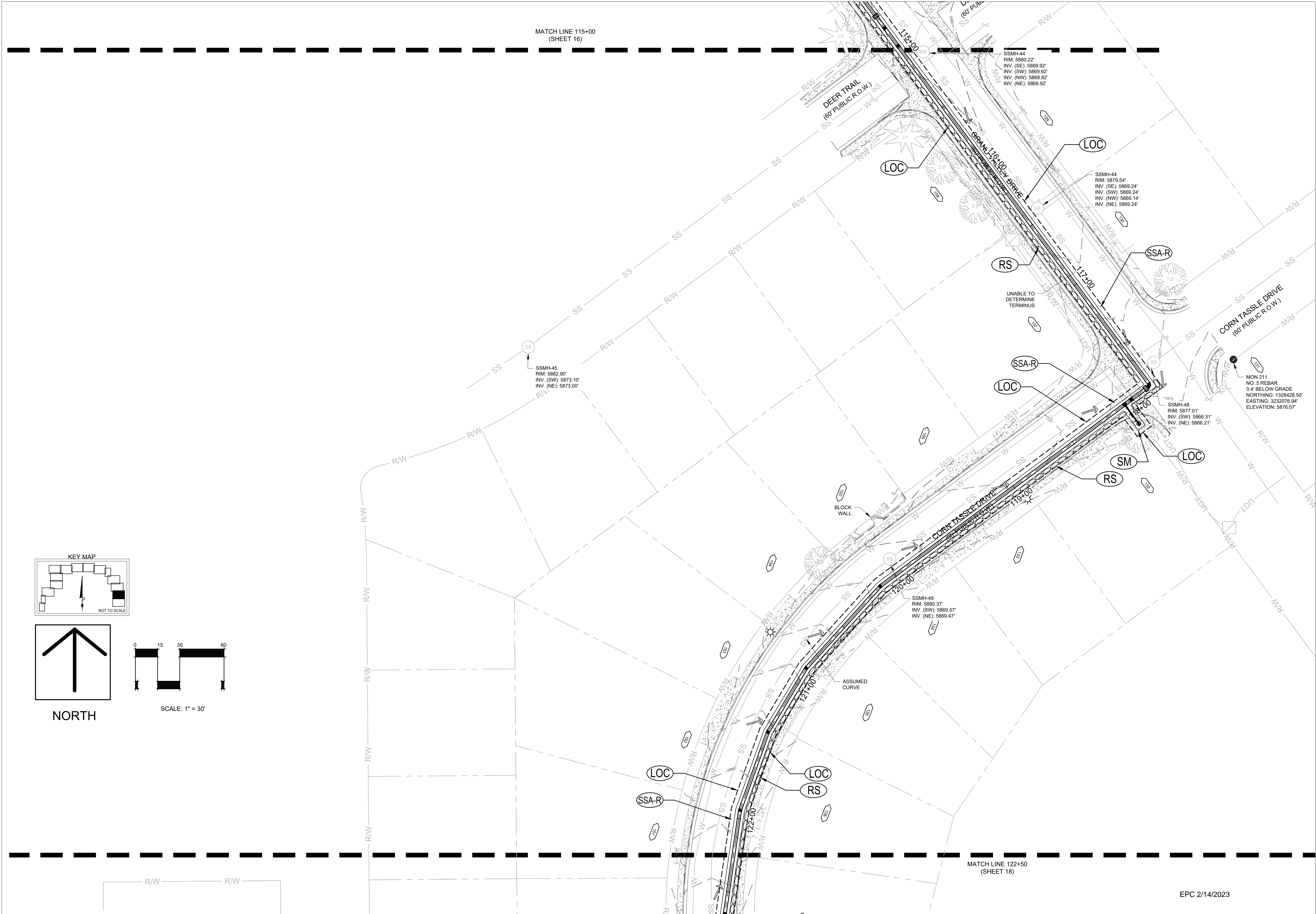


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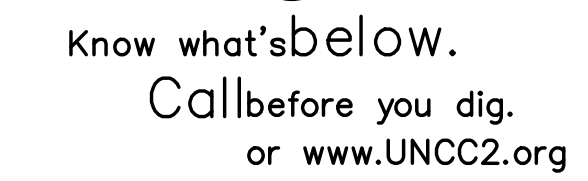
◆ EROSION CONTROL PLAN  
STA. 115+00 - 122+50

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17 OF 22  
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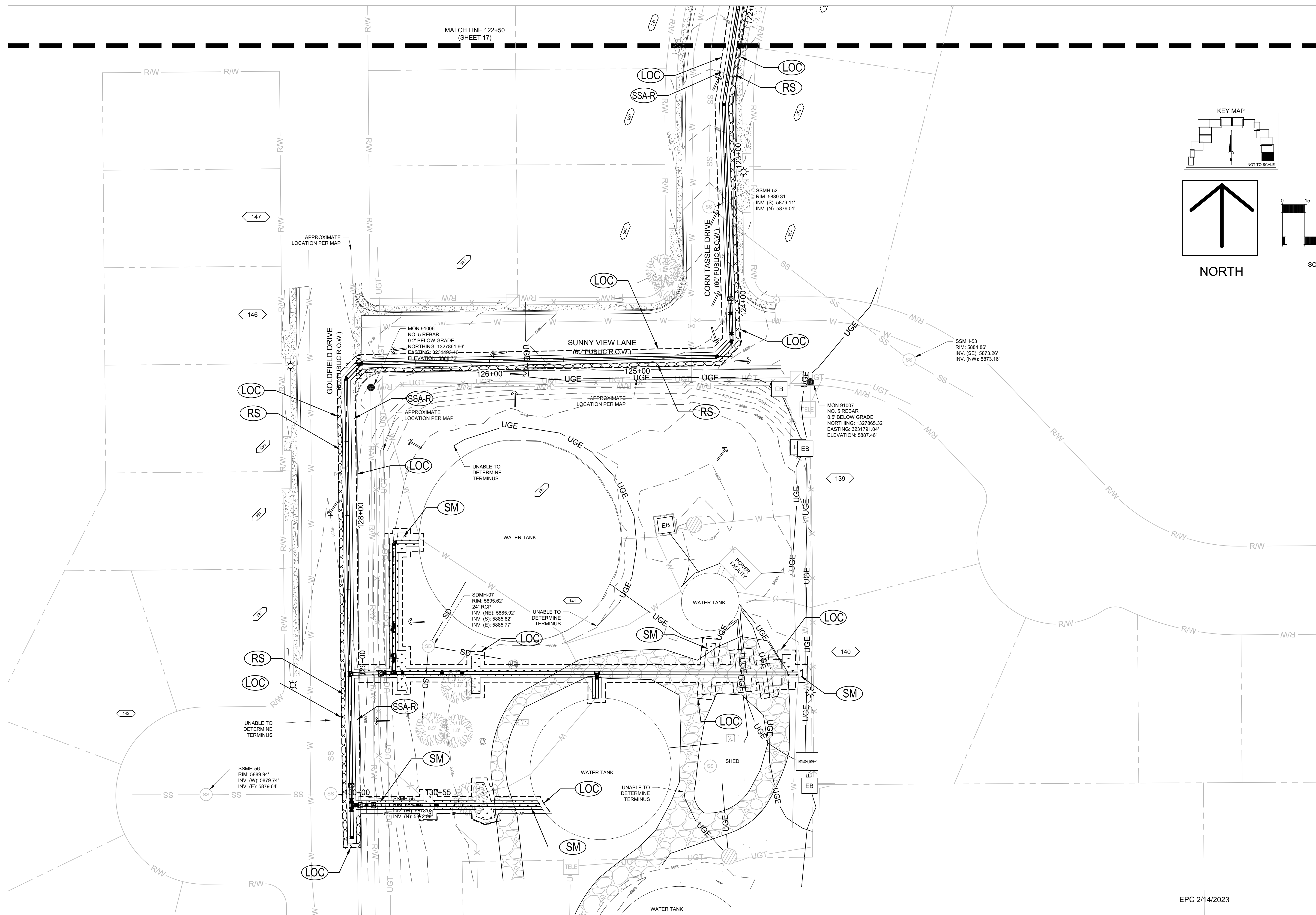
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◆ EROSION CONTROL PLAN  
STA. 122+50 - 130+55

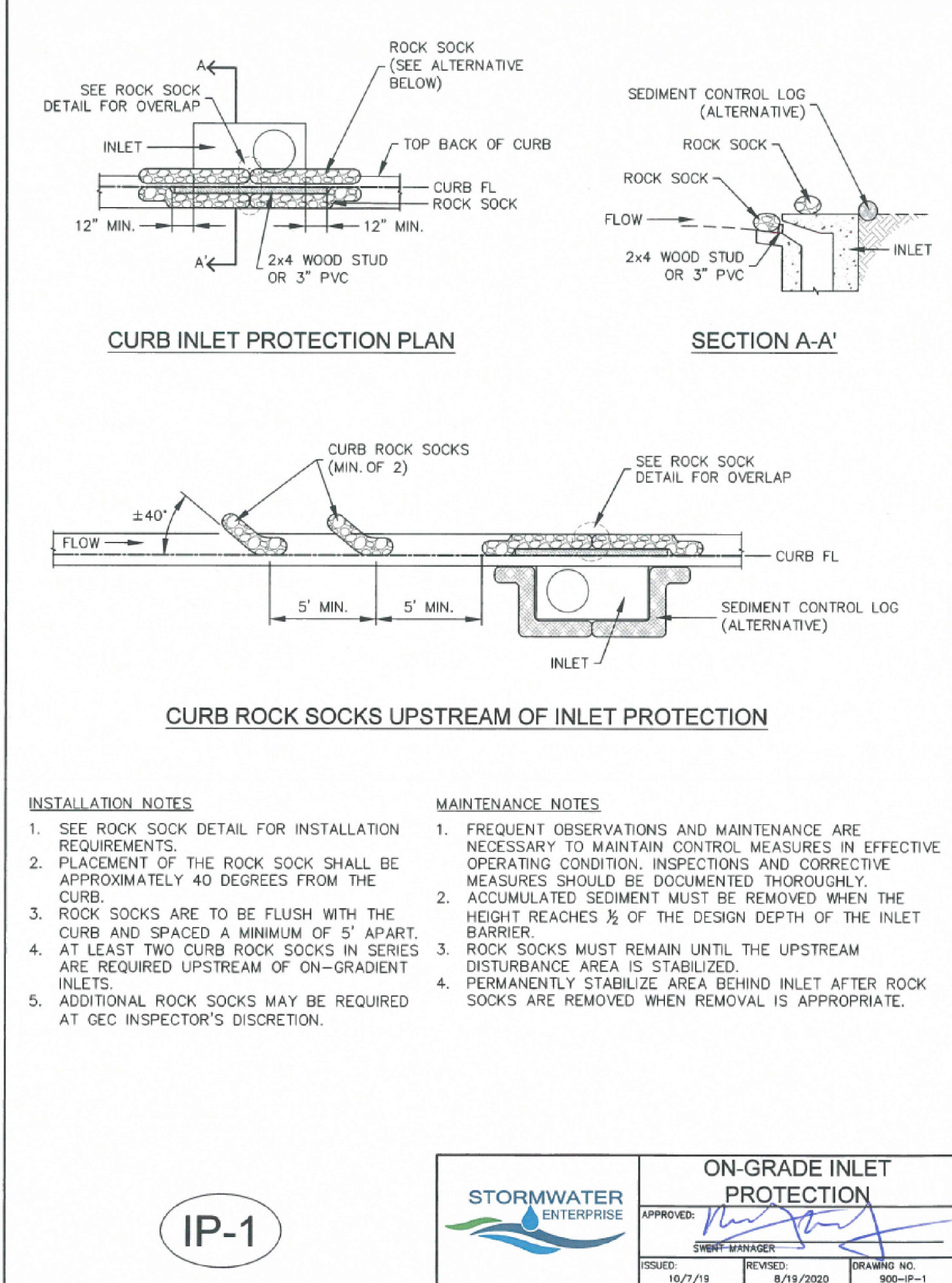
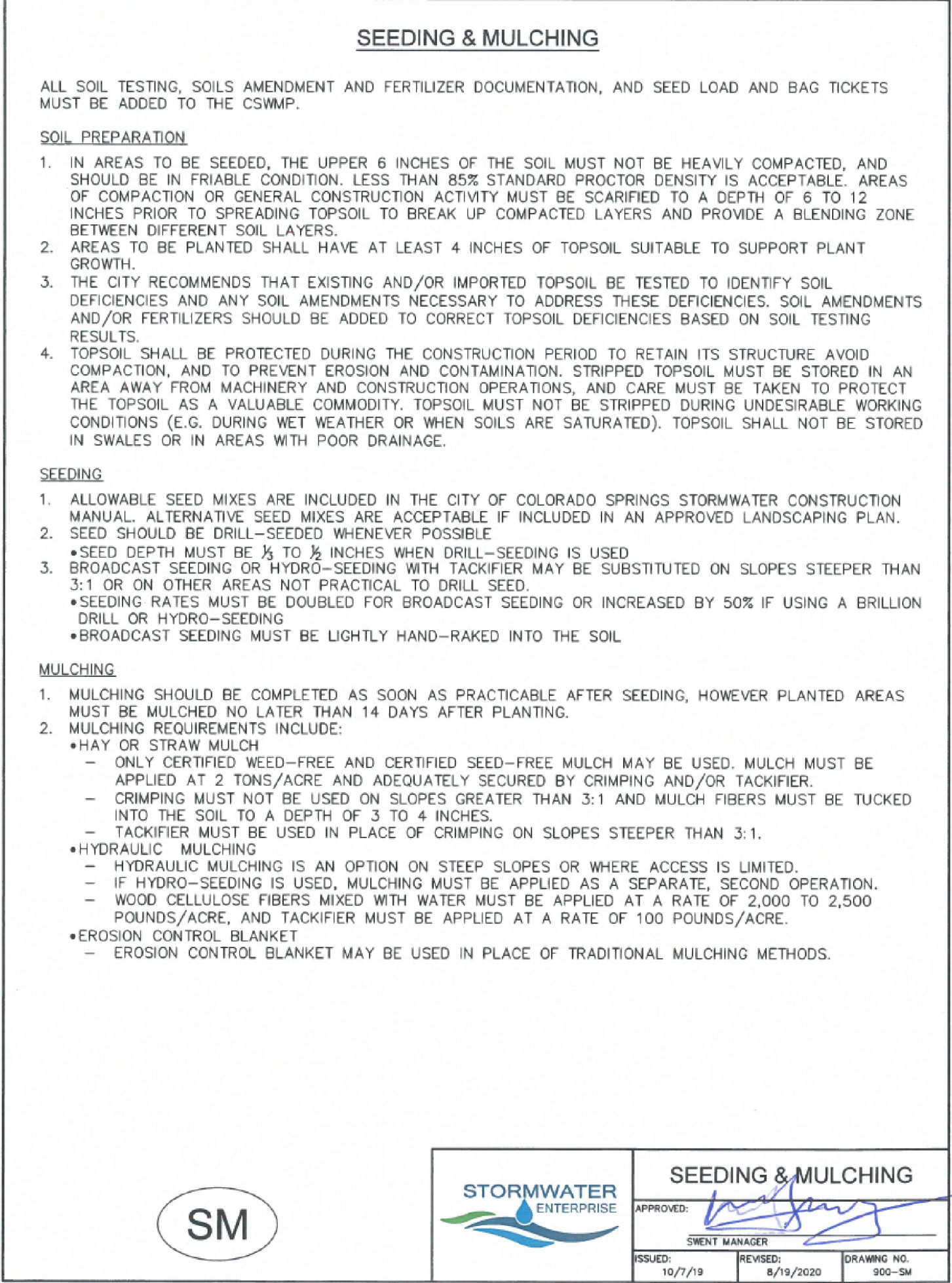
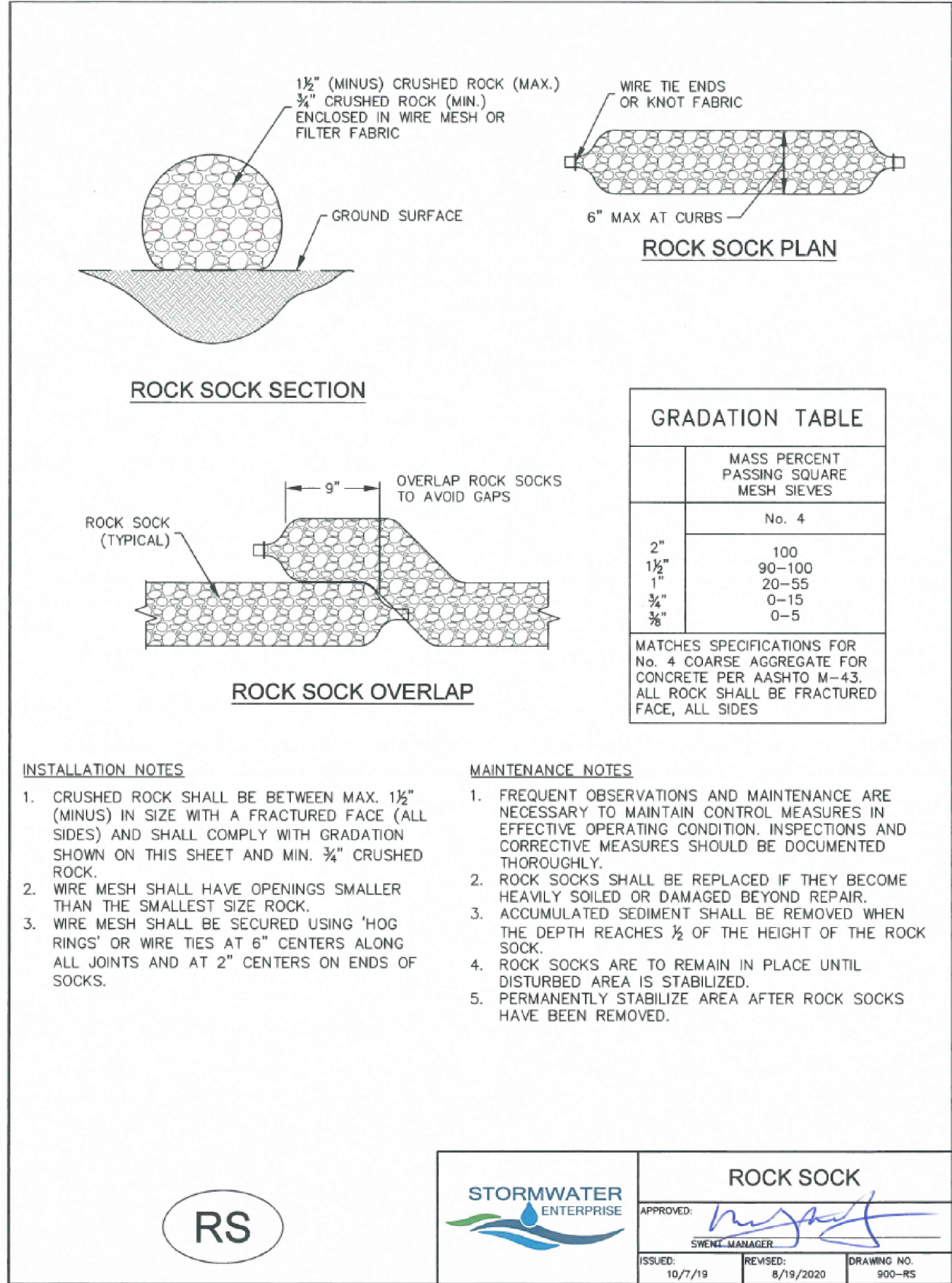
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**GRADING AND EROSION CONTROL PLANS**

**WIDEFIELD WSD**

**NORTHERN UPPER E. TO W. TRANSMISSION MAIN**

**WATER MAIN REPLACEMENT PROJECT**

**EL PASO COUNTY, COLORADO**

**STANDARD DETAILS**

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**19 OF 22**

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**MM-2 Stockpile Management (SM)**

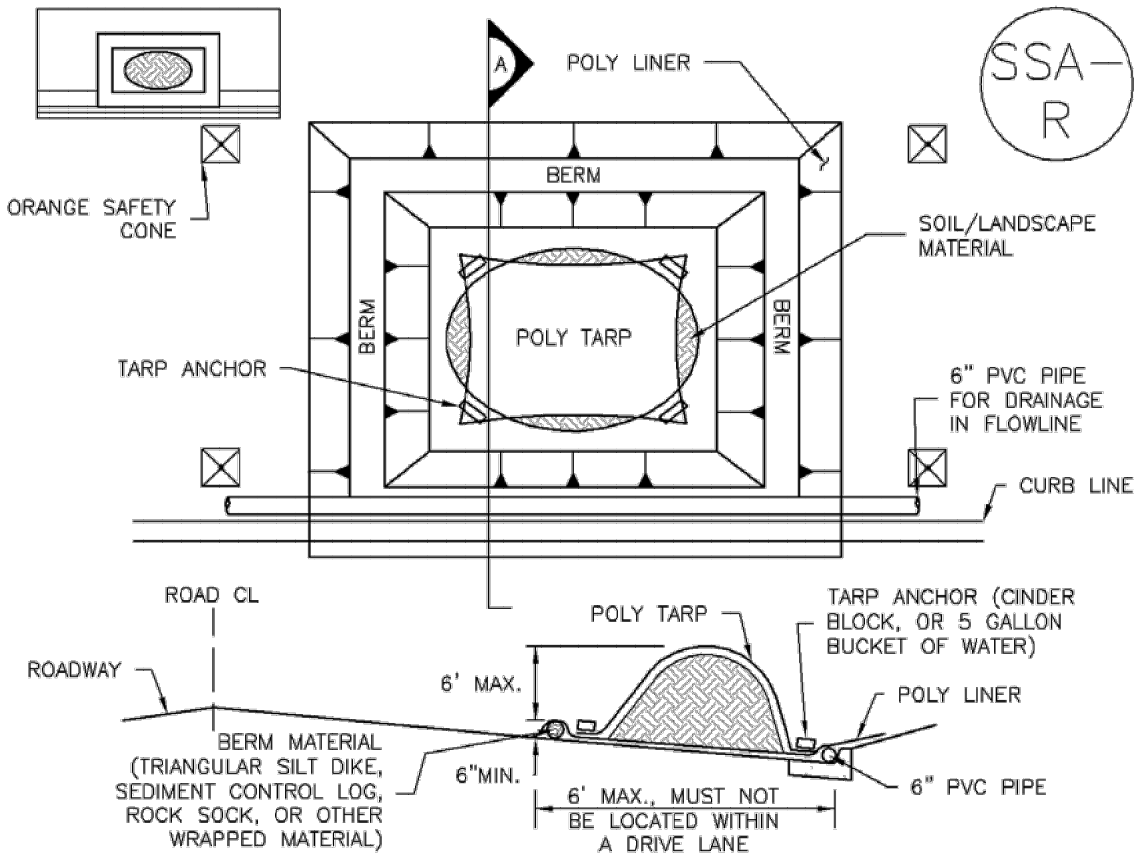
**MATERIALS STAGING IN ROADWAY MAINTENANCE NOTES**

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. INSPECT PVC PIPE ALONG CURB LINE FOR CLOGGING AND DEBRIS. REMOVE OBSTRUCTIONS PROMPTLY.
5. CLEAN MATERIAL FROM PAVED SURFACES BY SWEEPING OR VACUUMING.

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 AURORA, COLORADO)

**Stockpile Management (SP) MM-2**

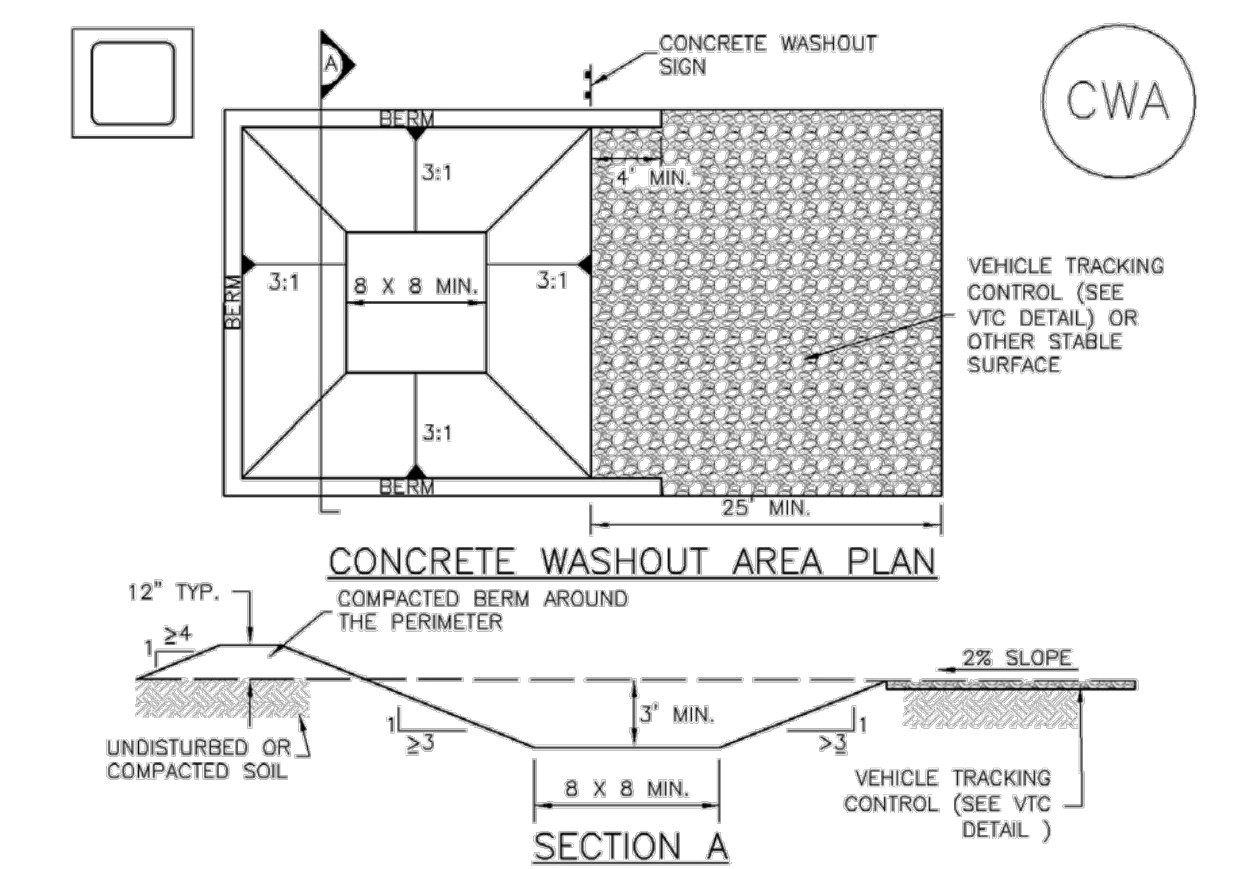


**SP-2. MATERIALS STAGING IN ROADWAY**

**MATERIALS STAGING IN ROADWAYS INSTALLATION NOTES**

1. SEE PLAN VIEW FOR:
  - LOCATION OF MATERIAL STAGING AREA(S).
  - CONTRACTOR MAY ADJUST LOCATION AND SIZE OF STAGING AREA WITH APPROVAL FROM THE LOCAL JURISDICTION.
2. FEATURE MUST BE INSTALLED PRIOR TO EXCAVATION, EARTHWORK OR DELIVERY OF MATERIALS.
3. MATERIALS MUST BE STATIONED ON THE POLY LINER. ANY INCIDENTAL MATERIALS DEPOSITED ON PAVED SECTION OR ALONG CURB LINE MUST BE CLEANED UP PROMPTLY.
4. POLY LINER AND TARP COVER SHOULD BE OF SIGNIFICANT THICKNESS TO PREVENT DAMAGE OR LOSS OF INTEGRITY.
5. SAND BAGS MAY BE SUBSTITUTED TO ANCHOR THE COVER TARP OR PROVIDE BERMING UNDER THE BASE LINER.
6. FEATURE IS NOT INTENDED FOR USE WITH WET MATERIAL THAT WILL BE DRAINING AND/OR SPREADING OUT ON THE POLY LINER OR FOR DEMOLITION MATERIALS.
7. THIS FEATURE CAN BE USED FOR:
  - UTILITY REPAIRS.
  - WHEN OTHER STAGING LOCATIONS AND OPTIONS ARE LIMITED.
  - OTHER LIMITED APPLICATION AND SHORT DURATION STAGING.

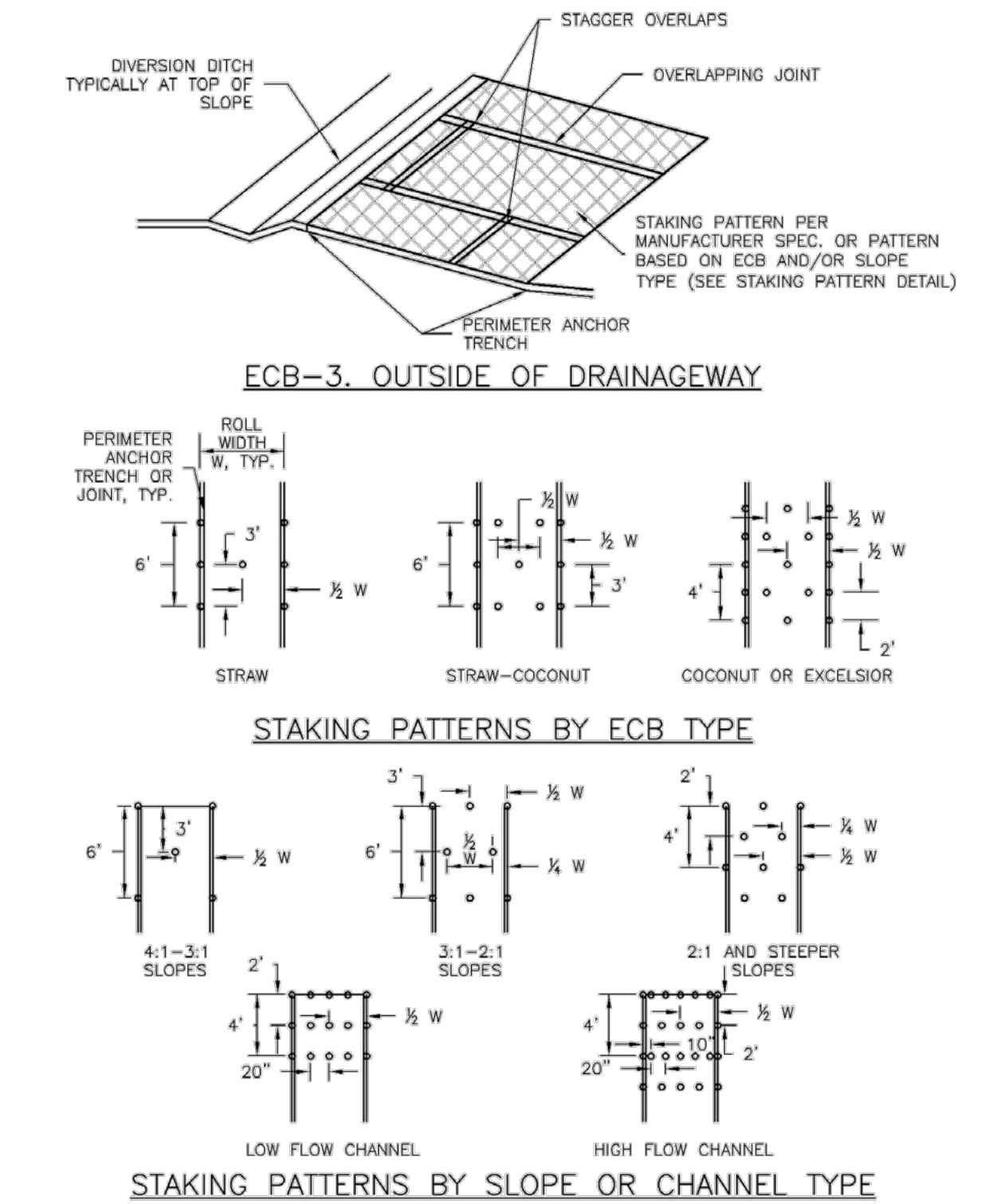




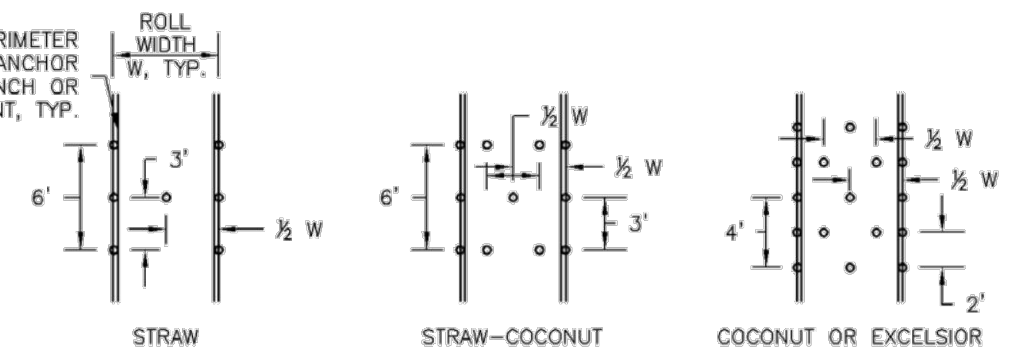
CWA-1. CONCRETE WASHOUT AREA

CWA INSTALLATION NOTES

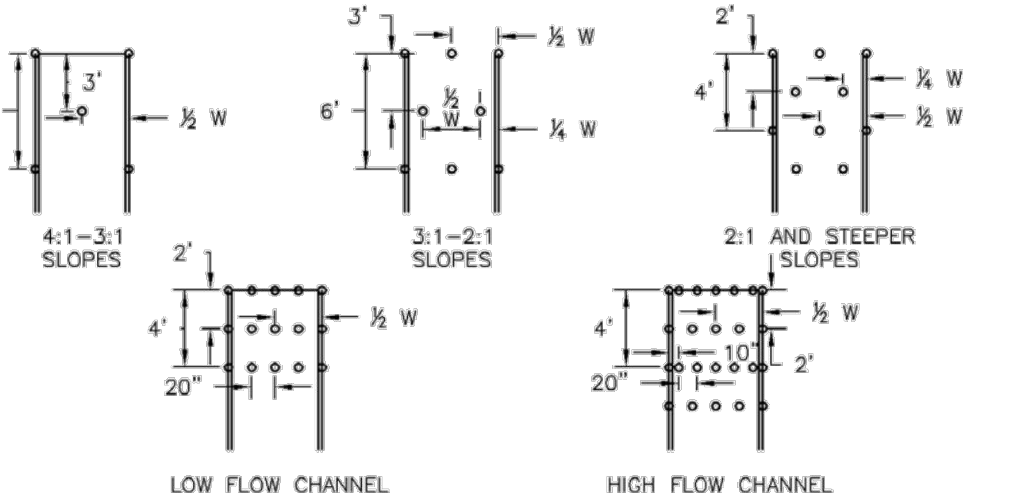
- SEE PLAN VIEW FOR:  
-CWA INSTALLATION LOCATION.
- DO NOT LOCATE AN UNLINED CWA WITHIN 400' OF ANY NATURAL DRAINAGE PATHWAY OR WATERBODY. DO NOT LOCATE WITHIN 1,000' OF ANY WELLS OR DRINKING WATER SOURCES. IF SITE CONSTRAINTS MAKE THIS INFEASIBLE, OR IF HIGHLY PERMEABLE SOILS EXIST ON SITE, THE CWA MUST BE INSTALLED WITH AN IMPERMEABLE LINER (16 MIL MIN. THICKNESS) OR SURFACE STORAGE ALTERNATIVES USING PREFABRICATED CONCRETE WASHOUT DEVICES OR A LINED ABOVE GROUND STORAGE ARE SHOULD BE USED.
- THE CWA SHALL BE INSTALLED PRIOR TO CONCRETE PLACEMENT ON SITE.
- 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. THE PIT SHALL BE AT LEAST 3' DEEP.
- BERM SURROUNDING SIDES AND BACK OF THE CWA SHALL HAVE MINIMUM HEIGHT OF 1'.
- VEHICLE TRACKING PAD SHALL BE SLOPED 2% TOWARDS THE CWA.
- SIGNS SHALL BE PLACED AT THE CONSTRUCTION ENTRANCE, AT THE CWA, AND ELSEWHERE AS NECESSARY TO CLEARLY INDICATE THE LOCATION OF THE CWA TO OPERATORS OF CONCRETE TRUCKS AND PUMP RIGS.
- USE EXCAVATED MATERIAL FOR PERIMETER BERM CONSTRUCTION.



ECB-3. OUTSIDE OF DRAINAGEWAY



STAKING PATTERNS BY ECB TYPE



STAKING PATTERNS BY SLOPE OR CHANNEL TYPE

CWA MAINTENANCE NOTES

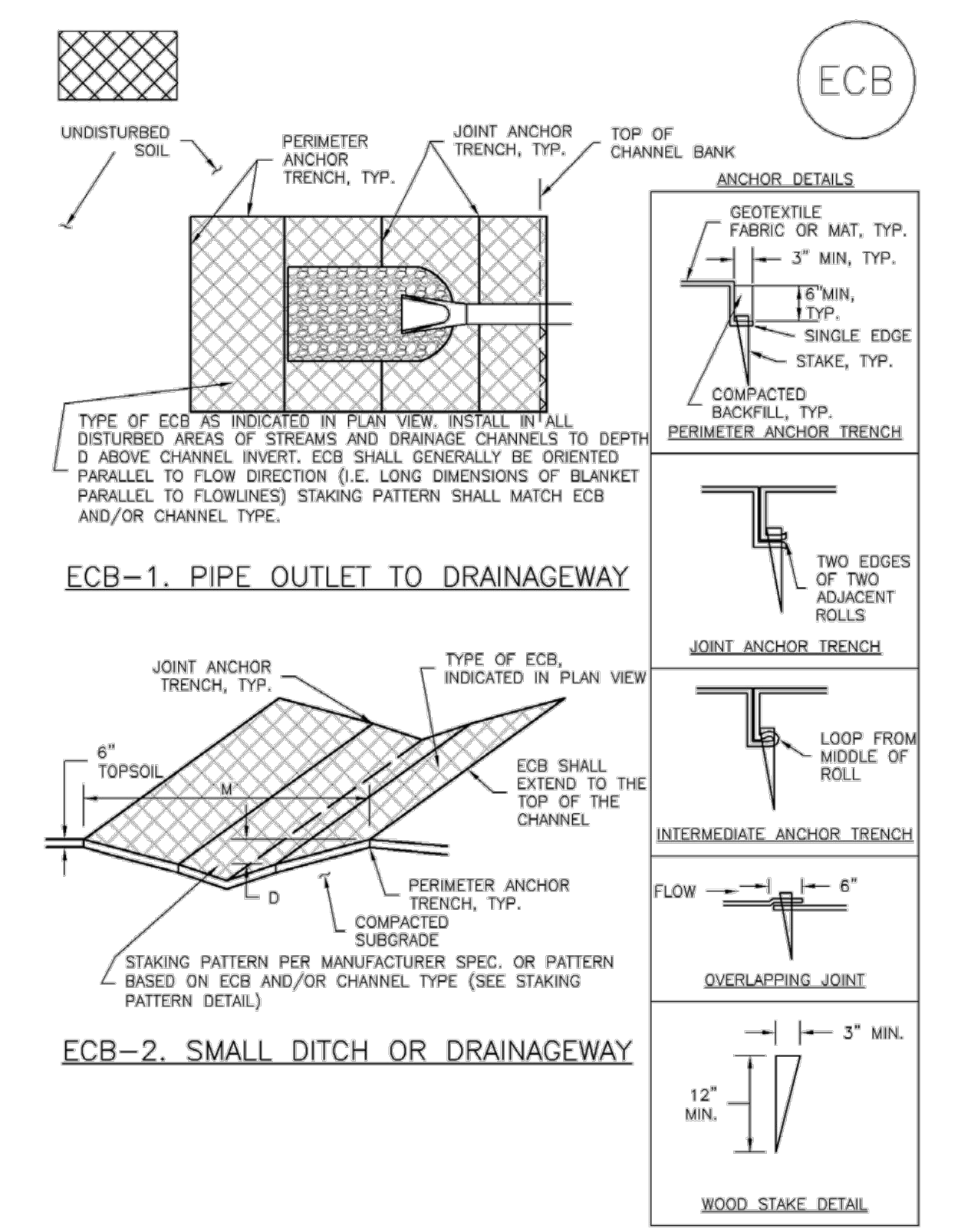
- INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE. INSPECT BMPs AS SOON AS POSSIBLE (AND ALWAYS WITHIN 24 HOURS) FOLLOWING A STORM THAT CAUSES SURFACE EROSION, AND PERFORM NECESSARY MAINTENANCE.
  - FREQUENT OBSERVATIONS 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.
  - THE CWA SHALL BE REPAIRED, CLEANED, OR ENLARGED AS NECESSARY TO MAINTAIN CAPACITY FOR CONCRETE WASTE. CONCRETE MATERIALS, ACCUMULATED IN PIT, SHALL BE REMOVED ONCE THE MATERIALS HAVE REACHED A DEPTH OF 2'.
  - 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.
  - THE CWA SHALL REMAIN IN PLACE UNTIL ALL CONCRETE FOR THE PROJECT IS PLACED.
  - 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.
- (DETAIL ADAPTED FROM DOUGLAS COUNTY, COLORADO AND THE CITY OF 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.

EROSION CONTROL BLANKET INSTALLATION NOTES

- SEE PLAN VIEW FOR:  
-LOCATION OF ECB  
-TYPE OF ECB (STRAW, STRAW-COCONUT, COCONUT, 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 ECBs 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 MOST 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 COCONUT 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	COCONUT CONTENT	STRAW CONTENT	EXCELSIOR CONTENT	RECOMMENDED NETTING**
STRAW*	-	100%	-	DOUBLE/NATURAL
STRAW-COCONUT	30% MIN	70% MAX	-	DOUBLE/NATURAL
COCONUT	100%	-	-	DOUBLE/NATURAL
EXCELSIOR	-	-	100%	DOUBLE/NATURAL

*STRAW ECBs MAY ONLY BE USED OUTSIDE OF STREAMS AND DRAINAGE CHANNEL.  
**ALTERNATE NETTING MAY BE ACCEPTABLE IN SOME JURISDICTIONS



ECB-1. PIPE OUTLET TO DRAINAGEWAY

ECB-2. SMALL DITCH OR DRAINAGEWAY

EROSION CONTROL BLANKET 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.
  - ECBs SHALL BE LEFT IN PLACE TO EVENTUALLY BIODEGRADE, UNLESS REQUESTED TO BE REMOVED BY THE LOCAL JURISDICTION.
  - ANY ECB PULLED OUT, TORN, OR OTHERWISE DAMAGED SHALL BE REPAIRED OR REINSTALLED. ANY SUBGRADE AREAS BELOW THE GEOTEXTILE THAT HAVE ERODED TO CREATED A VOID UNDER THE BLANKET, OR THAT REMAIN DEVOID OF GRASS SHALL BE REPAIRED, RESEEDED AND MULCHED AND THE ECB REINSTALLED.
- 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 AND TOWN OF PARKER COLORADO, NOT AVAILABLE IN AUTOCAD)



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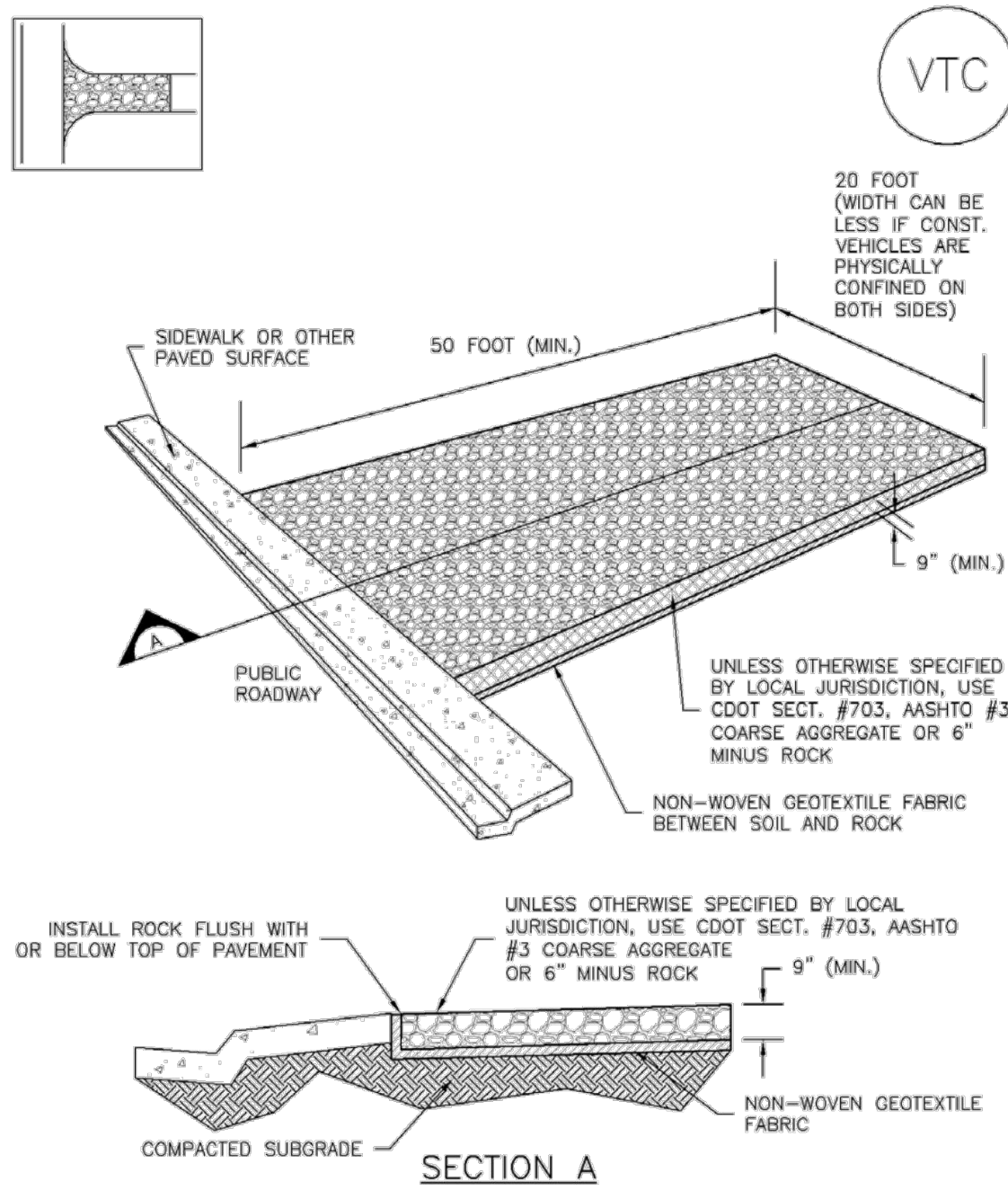
◆ STANDARD DETAILS

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VTC-1. AGGREGATE VEHICLE TRACKING CONTROL

- STABILIZED CONSTRUCTION ENTRANCE/EXIT INSTALLATION NOTES
1. SEE PLAN VIEW FOR  
-LOCATION OF CONSTRUCTION ENTRANCE(S)/EXIT(S).  
-TYPE OF CONSTRUCTION ENTRANCE(S)/EXITS(S) (WITH/WITHOUT WHEEL WASH, CONSTRUCTION MAT OR TRM).
  2. 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.
  3. A STABILIZED CONSTRUCTION ENTRANCE/EXIT SHALL BE LOCATED AT ALL ACCESS POINTS WHERE VEHICLES ACCESS THE CONSTRUCTION SITE FROM PAVED RIGHT-OF-WAYS.
  4. STABILIZED CONSTRUCTION ENTRANCE/EXIT SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBING ACTIVITIES.
  5. A NON-WOVEN GEOTEXTILE FABRIC SHALL BE PLACED UNDER THE STABILIZED CONSTRUCTION ENTRANCE/EXIT PRIOR TO THE PLACEMENT OF ROCK.
  6. 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
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 SHALL BE REAPPLIED OR REGRADED AS NECESSARY TO THE STABILIZED ENTRANCE/EXIT TO MAINTAIN A CONSISTENT DEPTH.
  5. 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)

  
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♦ STANDARD DETAILS

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