

# WIDFIELD WSD EL PASO COUNTY, COLORADO GRADING AND EROSION CONTROL PLANS



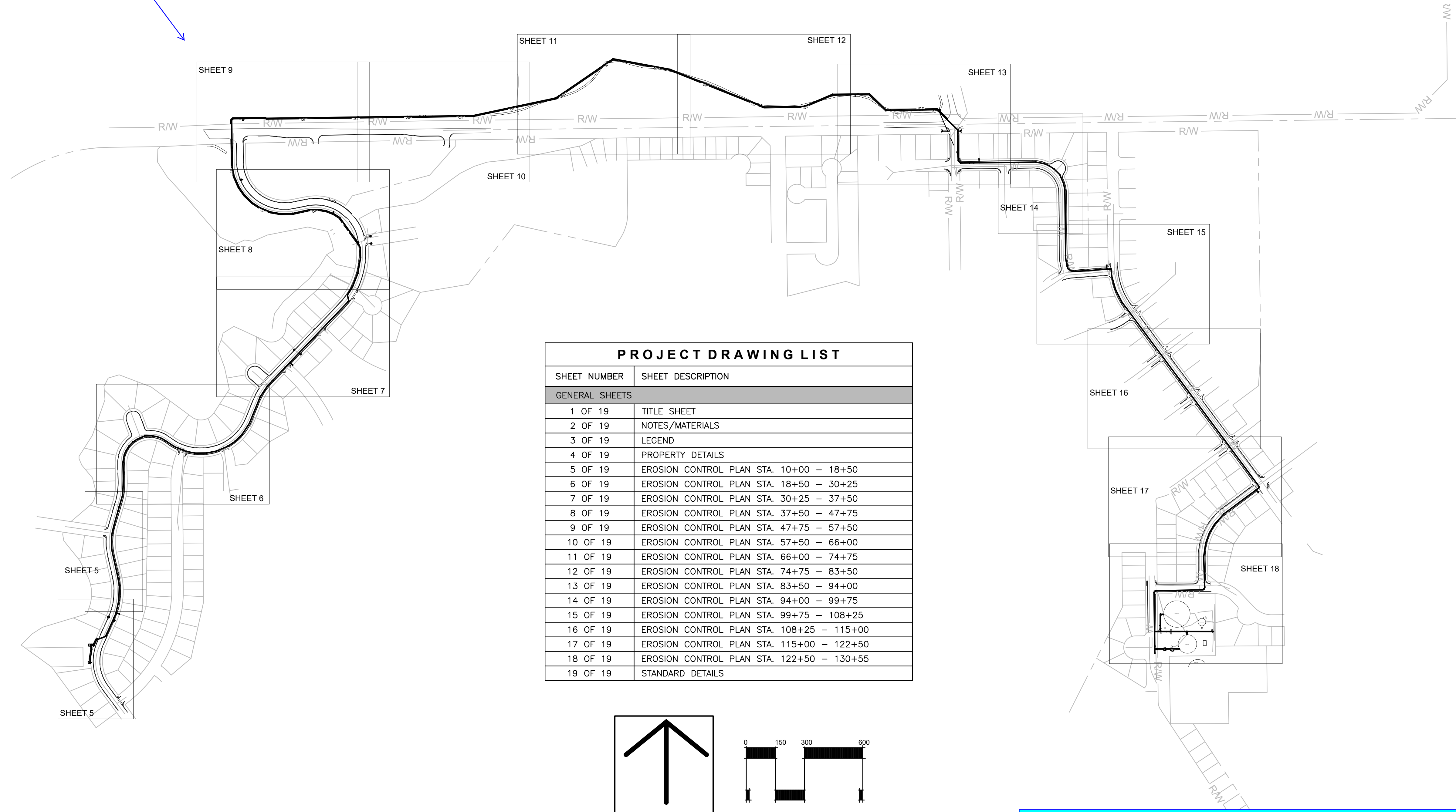
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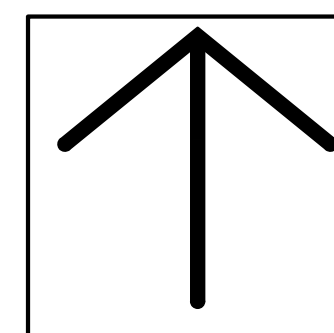
PRC ENGINEERING  
4465 NORTH PARK DRIVE, SUITE 400A  
COLORADO SPRINGS, CO 80907



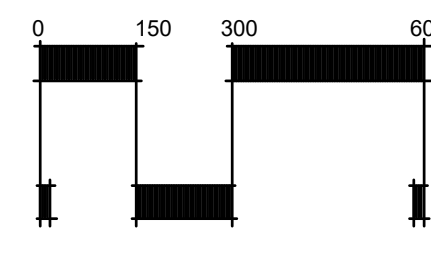
## SHEET KEY MAP



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



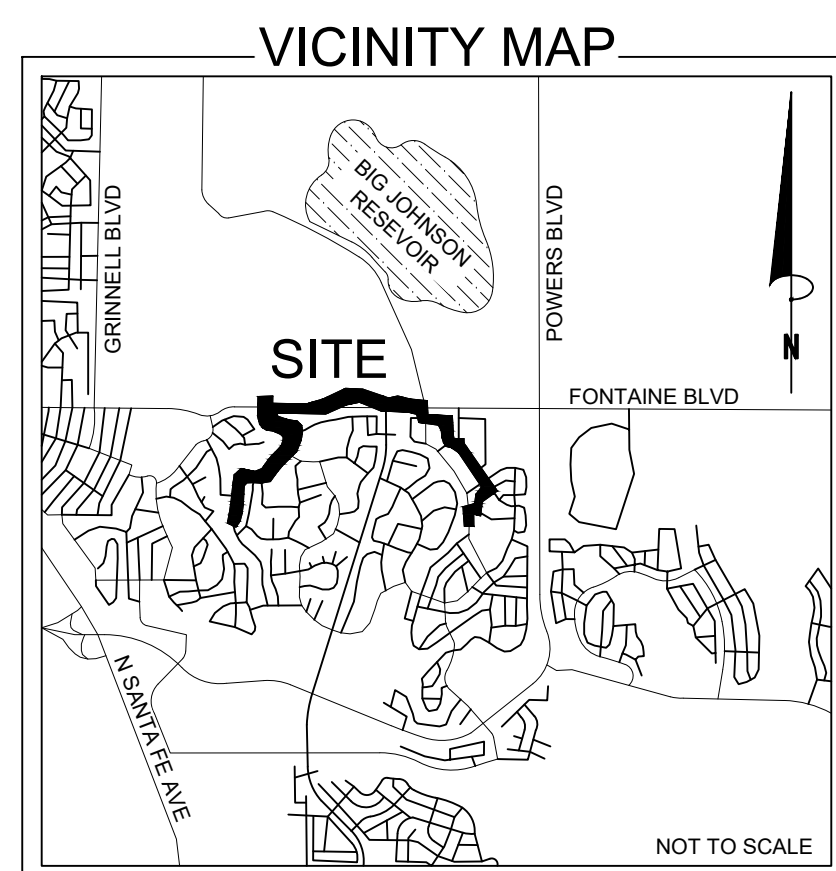
NORTH



SCALE: 1" = 300'

Add a third paragraph to the signature block that includes the following: "In accordance with ECM Section 1.12, these construction documents will be valid for construction for a period of 2 years from the date signed by the El Paso County Engineer. If construction has not started within those 2 years, the plans will need to be resubmitted for approval, including payment of review fees at the Planning and Community Development Directors discretion."

Add text:  
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

09/14/2022  
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

missing 3rd paragraph shown in GEC Checklist Item "ji"

Revise to say "Joshua Palmer, P.E. County Engineer, ECM Administrator"

### 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.

COUNTY PROJECT ENGINEER SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

### OWNER'S STATEMENT

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

OWNER SIGNATURE: DATE: September 19, 2022

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

◆ TITLE SHEET

Issued 09/14/22

1 OF 19  
sheet number

**EL PASO COUNTY NOTES**

- STORMWATER DISCHARGES FROM CONSTRUCTION SITES SHALL NOT CAUSE OR THREATEN TO CAUSE POLLUTION, CONTAMINATION, OR DEGRADATION OF STATE WATERS. ALL WORK AND EARTH DISTURBANCE SHALL BE DONE IN A MANNER THAT MINIMIZES POLLUTION OF ANY ON-SITE OR OFF-SITE WATERS, INCLUDING WETLANDS.
- NOTWITHSTANDING ANYTHING DEPICTED IN THESE PLANS IN WORDS OR GRAPHIC REPRESENTATION, ALL DESIGN AND CONSTRUCTION RELATED TO ROADS, STORM DRAINAGE AND EROSION CONTROL SHALL CONFORM TO THE STANDARDS AND REQUIREMENTS OF THE MOST RECENT VERSION OF THE RELEVANT ADOPTED EL PASO COUNTY STANDARDS, INCLUDING THE LAND DEVELOPMENT CODE, THE ENGINEERING CRITERIA MANUAL, THE DRAINAGE CRITERIA MANUAL, AND THE DRAINAGE CRITERIA MANUAL VOLUME 2. ANY DEVIATIONS TO REGULATIONS AND STANDARDS MUST BE REQUESTED, AND APPROVED, IN WRITING.
- A SEPARATE STORMWATER MANAGEMENT PLAN (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.
- 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.
- CONTROL MEASURES MUST BE INSTALLED PRIOR TO COMMENCEMENT OF ACTIVITIES THAT COULD CONTRIBUTE POLLUTANTS TO STORMWATER. CONTROL MEASURES FOR ALL SLOPES, CHANNELS, DITCHES, AND DISTURBED LAND AREAS SHALL BE INSTALLED IMMEDIATELY UPON COMPLETION OF THE DISTURBANCE.
- ALL TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES SHALL BE MAINTAINED AND REMAIN IN EFFECTIVE OPERATING CONDITION UNTIL PERMANENT SOIL EROSION CONTROL MEASURES ARE IMPLEMENTED AND FINAL STABILIZATION IS ESTABLISHED. ALL PERSONS ENGAGED IN LAND DISTURBANCE ACTIVITIES SHALL ASSESS THE ADEQUACY OF CONTROL MEASURES AT THE SITE AND IDENTIFY IF CHANGES TO THOSE CONTROL MEASURES ARE NEEDED TO ENSURE THE CONTINUED EFFECTIVE PERFORMANCE OF THE CONTROL MEASURES. ALL CHANGES TO TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES MUST BE INCORPORATED INTO THE STORMWATER MANAGEMENT PLAN.
- TEMPORARY STABILIZATION SHALL BE IMPLEMENTED ON DISTURBED AREAS AND STOCKPILES WHERE GROUND DISTURBING CONSTRUCTION ACTIVITY HAS PERMANENTLY CEASED OR TEMPORARILY CEASED FOR LONGER THAN 14 DAYS.
- FINAL STABILIZATION MUST BE IMPLEMENTED AT ALL APPLICABLE CONSTRUCTION SITES. FINAL STABILIZATION IS ACHIEVED WHEN ALL GROUND DISTURBING ACTIVITIES ARE COMPLETE AND ALL DISTURBED AREAS EITHER HAVE A UNIFORM VEGETATIVE COVER WITH INDIVIDUAL PLANT DENSITY OF 70 PERCENT OF PRE-DISTURBANCE LEVELS ESTABLISHED OR EQUIVALENT PERMANENT ALTERNATIVE STABILIZATION METHOD IS IMPLEMENTED. ALL TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES SHALL BE REMOVED UPON FINAL STABILIZATION AND BEFORE PERMIT CLOSURE.
- ALL PERMANENT STORMWATER MANAGEMENT FACILITIES SHALL BE INSTALLED AS DESIGNED IN THE APPROVED PLANS. ANY PROPOSED CHANGES THAT EFFECT THE DESIGN OR FUNCTION OF PERMANENT STORMWATER MANAGEMENT STRUCTURES MUST BE APPROVED BY THE ECM ADMINISTRATOR PRIOR TO IMPLEMENTATION.
- EARTH DISTURBANCES SHALL BE CONDUCTED IN SUCH A MANNER SO AS TO EFFECTIVELY MINIMIZE ACCELERATED SOIL EROSION AND RESULTING SEDIMENTATION. ALL DISTURBANCES SHALL BE DESIGNED, CONSTRUCTED, AND COMPLETED SO THAT THE EXPOSED AREA OF ANY DISTURBED LAND SHALL BE LIMITED TO THE SHORTEST PRACTICAL PERIOD OF TIME. PRE-EXISTING VEGETATION SHALL BE PROTECTED AND MAINTAINED WITHIN 50 HORIZONTAL FEET OF A WATERS OF THE STATE UNLESS SHOWN TO BE INFEASIBLE AND SPECIFICALLY REQUESTED AND APPROVED.
- COMPACTION OF SOIL MUST BE PREVENTED IN AREAS DESIGNATED FOR INFILTRATION CONTROL MEASURES OR WHERE FINAL STABILIZATION WILL BE ACHIEVED BY VEGETATIVE COVER. AREAS DESIGNATED FOR INFILTRATION CONTROL MEASURES SHALL ALSO BE PROTECTED FROM SEDIMENTATION DURING CONSTRUCTION UNTIL FINAL STABILIZATION IS ACHIEVED. IF COMPACTION PREVENTION IS NOT FEASIBLE DUE TO SITE CONSTRAINTS, ALL AREAS DESIGNATED FOR INFILTRATION AND VEGETATION CONTROL MEASURES MUST BE LOOSENEED PRIOR TO INSTALLATION OF THE CONTROL MEASURE(S).
- ANY TEMPORARY OR PERMANENT FACILITY DESIGNED AND CONSTRUCTED FOR THE CONVEYANCE OF STORMWATER AROUND, THROUGH, OR FROM THE EARTH DISTURBANCE AREA SHALL BE A STABILIZED CONVEYANCE DESIGNED TO MINIMIZE EROSION AND THE DISCHARGE OF SEDIMENT OFF SITE.
- CONCRETE WASH WATER SHALL BE CONTAINED AND DISPOSED OF IN ACCORDANCE WITH THE SWMP. NO WASH WATER SHALL BE DISCHARGED TO OR ALLOWED TO ENTER STATE WATERS, INCLUDING ANY SURFACE OR SUBSURFACE STORM DRAINAGE SYSTEM OR FACILITIES. CONCRETE WASHOUTS SHALL NOT BE LOCATED IN AN AREA WHERE SHALLOW GROUNDWATER MAY BE PRESENT, OR WITHIN 50 FEET OF A SURFACE WATER BODY, CREEK OR STREAM.
- DURING DEWATERING OPERATIONS, UNCONTAMINATED GROUNDWATER MAY BE DISCHARGED ON-SITE, BUT SHALL NOT LEAVE THE SITE IN THE FORM OF SURFACE RUNOFF UNLESS AN APPROVED STATE DEWATERING PERMIT IS IN PLACE.
- EROSION CONTROL BLANKETING OR OTHER PROTECTIVE COVERING IS TO BE USED ON SLOPES STEEPER THAN 3:1.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL WASTES FROM THE CONSTRUCTION SITE FOR DISPOSAL IN ACCORDANCE WITH LOCAL AND STATE REGULATORY REQUIREMENTS. NO CONSTRUCTION DEBRIS, TREE SLASH, BUILDING MATERIAL WASTES OR UNUSED BUILDING MATERIALS SHALL BE BURIED, DUMPED, OR DISCHARGED AT THE SITE.
- 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.
- TRACKING OF SOILS AND CONSTRUCTION DEBRIS OFF-SITE SHALL BE MINIMIZED. MATERIALS TRACKED OFF-SITE SHALL BE CLEANED UP AND PROPERLY DISPOSED OF IMMEDIATELY.
- THE OWNER/DEVELOPER SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL CONSTRUCTION DEBRIS, DIRT, TRASH, ROCK, SEDIMENT, SOIL, AND SAND THAT MAY ACCUMULATE IN ROADS, STORM DRAINS AND OTHER DRAINAGE CONVEYANCE SYSTEMS AND STORMWATER APPURTENANCES AS A RESULT OF SITE DEVELOPMENT.
- THE QUANTITY OF MATERIALS STORED ON THE PROJECT SITE SHALL BE LIMITED, AS MUCH AS PRACTICAL, TO THAT QUANTITY REQUIRED TO PERFORM THE WORK IN AN ORDERLY SEQUENCE. ALL MATERIALS STORED ON-SITE SHALL BE STORED IN A NEAT, ORDERLY MANNER, IN THEIR ORIGINAL CONTAINERS, WITH ORIGINAL MANUFACTURER'S LABELS.
- NO CHEMICAL(S) HAVING THE POTENTIAL TO BE RELEASED IN STORMWATER ARE TO BE STORED OR USED ON-SITE UNLESS PERMISSION FOR THE USE OF SUCH CHEMICAL(S) IS GRANTED IN WRITING BY THE ECM ADMINISTRATOR. IN GRANTING APPROVAL FOR THE USE OF SUCH CHEMICAL(S), SPECIAL CONDITIONS AND MONITORING MAY BE REQUIRED.
- BULK STORAGE OF ALLOWED PETROLEUM PRODUCTS OR OTHER ALLOWED LIQUID CHEMICALS IN EXCESS OF 55 GALLONS SHALL REQUIRE ADEQUATE SECONDARY CONTAINMENT PROTECTION TO CONTAIN ALL SPILLS ON-SITE AND TO PREVENT ANY SPILLED MATERIALS FROM ENTERING STATE WATERS, ANY SURFACE OR SUBSURFACE STORM DRAINAGE SYSTEM OR OTHER FACILITIES.
- NO PERSON SHALL CAUSE THE IMPEDIMENT OF STORMWATER FLOW IN THE CURB AND GUTTER OR DITCH EXCEPT WITH APPROVED SEDIMENT CONTROL MEASURES.
- OWNER/DEVELOPER AND THEIR AGENTS SHALL COMPLY WITH THE "COLORADO WATER QUALITY 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.

missing 1 note. See GEC checklist.

**EL PASO COUNTY NOTES CONT.**

- ALL CONSTRUCTION TRAFFIC MUST ENTER/EXIT THE SITE ONLY AT APPROVED CONSTRUCTION ACCESS POINTS.
- PRIOR TO CONSTRUCTION THE PERMITTEE SHALL VERIFY THE LOCATION OF EXISTING UTILITIES.
- A WATER SOURCE SHALL BE AVAILABLE ON-SITE DURING EARTHWORK OPERATIONS AND SHALL BE UTILIZED AS REQUIRED TO MINIMIZE DUST FROM EARTHWORK EQUIPMENT AND WIND.
- 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  
WOOD - PERMITS  
4300 CHERRY CREEK DRIVE SOUTH  
DENVER, CO 80246-1530  
ATTN: PERMITS UNIT

**GENERAL NOTES**

- 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.
- NO CLEARING, GRADING, EXCAVATION, FILLING OR OTHER LAND DISTURBING ACTIVITIES SHALL BE PERMITTED UNTIL SIGNOFF AND ACCEPTANCE OF THE GRADING PLAN AND EROSION AND STORMWATER QUALITY CONTROL PLAN IS RECEIVED FROM CITY ENGINEERING.
- 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. **CALL CITY STORMWATER INSPECTIONS, 385-5980, 48 HOURS PRIOR TO CONSTRUCTION.**
- SEDIMENT (MUD AND DIRT) TRANSPORTED ONTO A PUBLIC ROAD, REGARDLESS OF THE SIZE OF THE SITE, SHALL BE CLEANED IMMEDIATELY.
- 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.
- STABILIZED STAGING AREA LOCATION TO BE DETERMINED BY CONTRACTOR.
- CONCRETE WASHOUT AREA LOCATION TO BE DETERMINED BY CONTRACTOR.
- 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.
- THE GRADING AND EROSION CONTROL PLAN WILL BE SUBJECT TO RE-REVIEW AND RE-ACCEPTANCE BY THE **CITY OF COLORADO SPRINGS** ENGINEERING 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.
- 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.
- ACCORDING TO FEMA FLOOD INSURANCE RATE MAP 08041C0952G DATED DECEMBER 7, 2018, THE PROJECT IS LOCATED WITHIN A ZONE X FLOODPLAIN.
- STOCKPILE AND TEMPORARY DISPOSAL AREA LOCATIONS WILL BE DETERMINED BY CONTRACTOR.
- PROPOSED TOPOGRAPHY IS EQUAL TO EXISTING TOPOGRAPHY.

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:

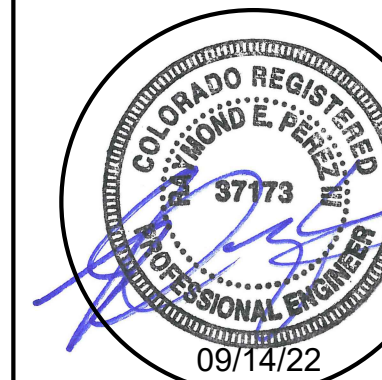
FORT COLLINS LOAMS  
HYDROLOGIC SOIL GROUP \_  
WILEY SILT LOAM  
HYDROLOGIC SOIL GROUP B  
NELSON-TASSEL FINE SANDY LOAMS  
HYDROLOGIC SOIL GROUPS B-D  
STONEHAM SANDY LOAM  
HYDROLOGIC SOIL GROUP B  
TRUCKTON SANDY LOAM  
HYDROLOGIC SOIL GROUP A

GEC Checklist Item "I" - add a note about existing condition of vegetation.

Add a note that contractor to get an EPC Work Within the ROW Permit prior to starting any work in the ROW.

EROSION CONTROL QUANTITIES		
MATERIAL	UNIT	AMOUNT
ROCK SOCKS (ROCK SOCKS WILL BE RE-USED DAILY)	EA	250
SILT FENCE	LF	5226
SEDIMENT CONTROL LOG	LF	30
SEEDING AND MULCHING	SY	3325

12. Comment on plan set: A work in the ROW permit will be required for all construction work within the ROW.



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 09/14/22




Know what's below.  
Call before you dig.  
or www.UNCC2.org

LINETYPE	DESCRIPTION
C	COMMUNICATION
CATV	CABLE TV
EASEMENT LINE	EASEMENT LINE
X	FENCE
F	FIRE LINE
FP	FLOODPLAIN
II	FLOODWAY
FLOWLINE	FLOWLINE
FM	FORCE MAIN
G	GAS LINE
GUARDRAIL/MASONRY FENCE	GUARDRAIL/MASONRY FENCE
O	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	TREE LINE
UGTV	UNDERGROUND CABLE TV
UGE	UNDERGROUND ELECTRIC
UGT	UNDERGROUND TELEPHONE
UGT(FO)	OVERHEAD FIBER OPTIC TELEPHONE
WATER EDGE	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 ABANDONED
EXISTING PIPE TO BE DEMOLISHED	EXISTING PIPE TO BE DEMOLISHED
1300	EXISTING CONTOURS
1300	PROPOSED CONTOURS

SYMBOL	DESCRIPTION
[Square]	AREA INLET
[Circle with dot]	BENCH MARK/GEOTECHNICAL BORE
[Circle]	BOLLARD
[Square]	CATCH BASIN/JUNCTION BOX
[Circle with CO]	CLEANOUT
[Line]	CONCRETE HEADWALL
[Line]	CURB INLET SEDIMENT FILTER
[Circle]	DOUBLE COMBINATION INLET
[EB]	ELECTRIC BOX
[EDM]	ELECTRIC DUCT MARKER
[EMH]	ELECTRIC MANHOLE
[EM]	ELECTRIC METER
[Triangle]	EXTENDED THROAT CURB INLET
[FOC]	FIBER OPTIC BOX
[FOC]	FIBER OPTIC CABLE RISER/PEDESTAL
[FOMH]	FIBER OPTIC MANHOLE
[Fire hydrant]	FIRE HYDRANT
[Flag]	FLAGPOLE
[Flared end]	FLARED END SECTION (FES)
[GM]	GAS METER
[Gas regulator]	GAS REGULATOR
[Grated]	GRATED INLET
[Guy wire]	GUY WIRE ANCHOR
[ICV]	IRRIGATION CONTROL VALVE
[Lift station]	LIFT STATION
[Light pole]	LIGHT POLE
[MH]	MANHOLE
[Mailbox]	MAILBOX
[Monitoring well]	MONITORING WELL
[PD]	PROCESS DRAIN MANHOLE
[Property pin]	PROPERTY PIN
[Pull box]	PULL BOX
[Pump station]	PUMP STATION
[Railroad switch box]	RAILROAD SWITCH BOX
[Rip rap]	RIP RAP
[R/W marker]	RIGHT-OF-WAY MARKER
[Rock ditch check]	ROCK DITCH CHECK
[SS]	SANITARY SEWER MANHOLE
[Satellite dish]	SATELLITE DISH
[Septic tank]	SEPTIC TANK

SYMBOL	DESCRIPTION
[Sign]	SIGN
[Slope arrow]	SLOPE DIRECTION INDICATOR
[Sprinkler head]	SPRINKLER HEAD
[Standard curb inlet]	STANDARD CURB INLET
[SD]	STORM DRAIN MANHOLE
[Sump inlet]	SUMP INLET SEDIMENT FILTER
[Survey point]	SURVEY CONTROL POINT
[TELE]	TELEPHONE JUNCTION BOX
[TELE MH]	TELEPHONE MANHOLE
[Telephone pedestal]	TELEPHONE PEDESTAL
[Cable]	TELEVISION PEDESTAL
[Traffic control box]	TRAFFIC CONTROL BOX
[Transformer]	TRANSFORMER
[Utility pole]	UTILITY POLE
[Valve]	VALVE
[VC]	VALVE COVER
[Vent]	VENT
[WM]	WATER METER
[Well]	WELL
[Windsock]	WINDSOCK
[Yard hydrant]	YARD HYDRANT/SPIGOT
[Shrub]	SHRUB/BUSH
[Tree]	TREE
[Evergreen tree]	EVERGREEN TREE
[Demolish]	DEMOLISH
[Proposed heavy asphalt]	PROPOSED HEAVY DUTY ASPHALT
[Existing asphalt]	EXISTING ASPHALT
[Proposed asphalt/repair]	PROPOSED ASPHALT/PAVEMENT REPAIR
[Existing concrete]	EXISTING CONCRETE
[Proposed concrete]	PROPOSED CONCRETE
[Proposed heavy concrete]	PROPOSED HEAVY DUTY CONCRETE
[Gravel road]	GRAVEL ROAD OR DRIVE
[Sidewalk]	SIDEWALK
[Staging area]	STAGING AREA

SYMBOL	DESCRIPTION
[SCL]	SEDIMENT CONTROL LOG
[ECB]	EROSION CONTROL BLANKET
[SM]	SEEDING AND MULCHING
[SSA]	STABILIZED STAGING AREA
[VTC]	VEHICLE TRACKING CONTROL
[CWA]	CONCRETE WASHOUT AREA
[SF]	SILT FENCE
[LOC]	LIMITS OF CONSTRUCTION
[SSA-R]	MATERIALS STAGING IN ROADWAY
[IP-1]	INLET PROTECTION
[RS]	ROCK SOCK
[Soil disturbance area]	SOIL DISTURBANCE AREA
[Existing flow direction]	EXISTING FLOW DIRECTION
[Proposed flow direction]	PROPOSED FLOW DIRECTION
[Proposed water]	PROPOSED WATER

Label phase of each on Legend or on plans (per Section 3.2 of SWMP Appendix C of SWMP)

linetype shown as ovals on the plans. Revise Legend to match.



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



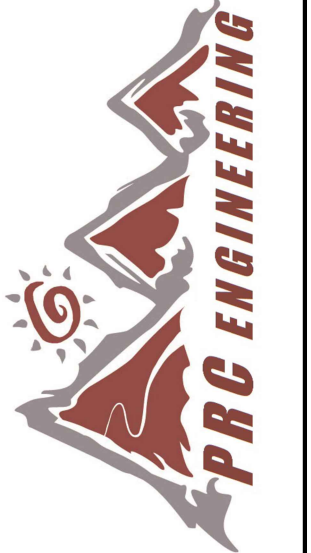
**GRADING AND EROSION CONTROL PLANS**  
**WIDEFIELD WSD**  
NORTHERN UPPER E. TO W. TRANSMISSION MAIN  
WATER MAIN REPLACEMENT PROJECT  
EL PASO COUNTY, COLORADO

**LEGEND**

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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**

**◆ NOTES / MATERIALS**

Issued: 09/14/22

**4 OF 19**  
sheet number

TABULATION OF PROPERTIES			
PARCEL NO.	OWNER(S)	PROPERTY ADDRESS*	LEGAL DESCRIPTION /RECEPTION NO.
1	GARCIA STEPHEN W / GARCIA LUIZ	7050 METROPOLITAN ST	LOT 11, BLOCK 1 (R1)
2	FIORILLO MICHAEL T	7040 METROPOLITAN ST	LOT 10, BLOCK 1 (R1)
3	HALLIGAN JEFFERY PAUL III / HALLIGAN CHRISTINA	7030 METROPOLITAN ST	LOT 9, BLOCK 1 (R1)
4	ST LOUIS FRANKLYN P / ST LOUIS JOEY 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 RODRIG 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. 202101841
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 L	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	6989 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 KATHLYN NICOLE / BROCK STEPHEN	6877 METROPOLITAN ST	LOT 5, BLOCK 3 (R1)
57	WEISENFELH 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 / MELGAN M	6805 METROPOLITAN ST	LOT 18, BLOCK 4 (R1)
65	FORWARD JOHN	6785 METROPOLITAN ST	LOT 17, BLOCK 4 (R1)
66	DZIDUCH 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 / ETHEL R 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 (R8) REC. NO. 1349785
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	MCKELLAR 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 (R8) DEDICATED TO PUBLIC R.O.W.
94	EL PASO COUNTY	FOUNTAIN BLVD	TRACT B (R8) DEDICATED TO PUBLIC R.O.W.
95	AASHKH PROPERTIES LLC	6525 FOUNTAIN MESA RD	N160' W180' TRACT A (R7) REC. NO. 217082806
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	7269 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	MONNIN 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	MCHWIRTER 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	DANDOURAND 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 / LAUREN ELIZABETH	7434 RIVER BEND RD	LOT 13, BLOCK 4 (R7) REC. NO. 219073029
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	6935 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 / REGANIE 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	TREVISO 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	7555 DEER TRL	LOT 1, BLOCK 8 (R9)
130	PLESS ANTWANN LEE	6890 CORN TASSLE DR	LOT 222, BLOCK 12 (R10)
131	KEEPER LILIANI LAVOYSE	6875 CORN TASSLE DR	LOT 243, BLOCK 14 (R10)
132	LIZARRAGA MARISELA / EVOIDO	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 / BETTY A	6955 CORN TASSLE DR	LOT 166, BLOCK 10 (R10)
137	LIGHTFRITZ 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	ROSKOPF GABRIELE I	6960 GOLDFIELD DR	LOT 4, BLOCK 1 (R11)
145	MANANDHAR ANJLI 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 186, 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 188, 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 SHERRIL 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 / VINCENTIA 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 / RIACHO 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 / PABLONIA-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	CROSSBY 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	5311-6316 FOUNTAIN VALLEY SCHOOL RD	BOOK 634, PAGE 509
181	CITY OF COLORADO SPRINGS C/O PARK & RECREATION DEPT	S POWERS BLVD	REC. NO. 200193555

(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

Please show all easements where the proposed waterline is to be in private property on all sheets.



Know what's below.  
Call before you dig.  
or www.UNCC2.org



PRC ENGINEERING  
4466 NORTH PARK DRIVE, SUITE 400A  
COLORADO SPRINGS, CO 80907

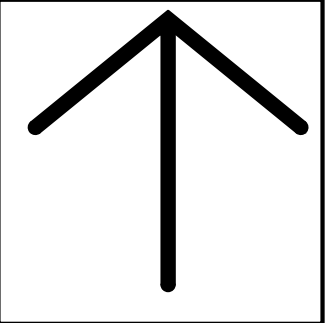
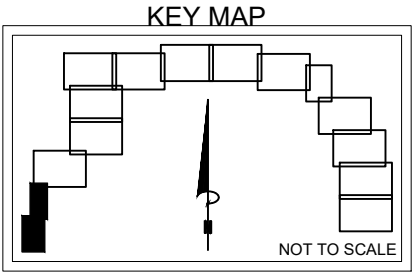
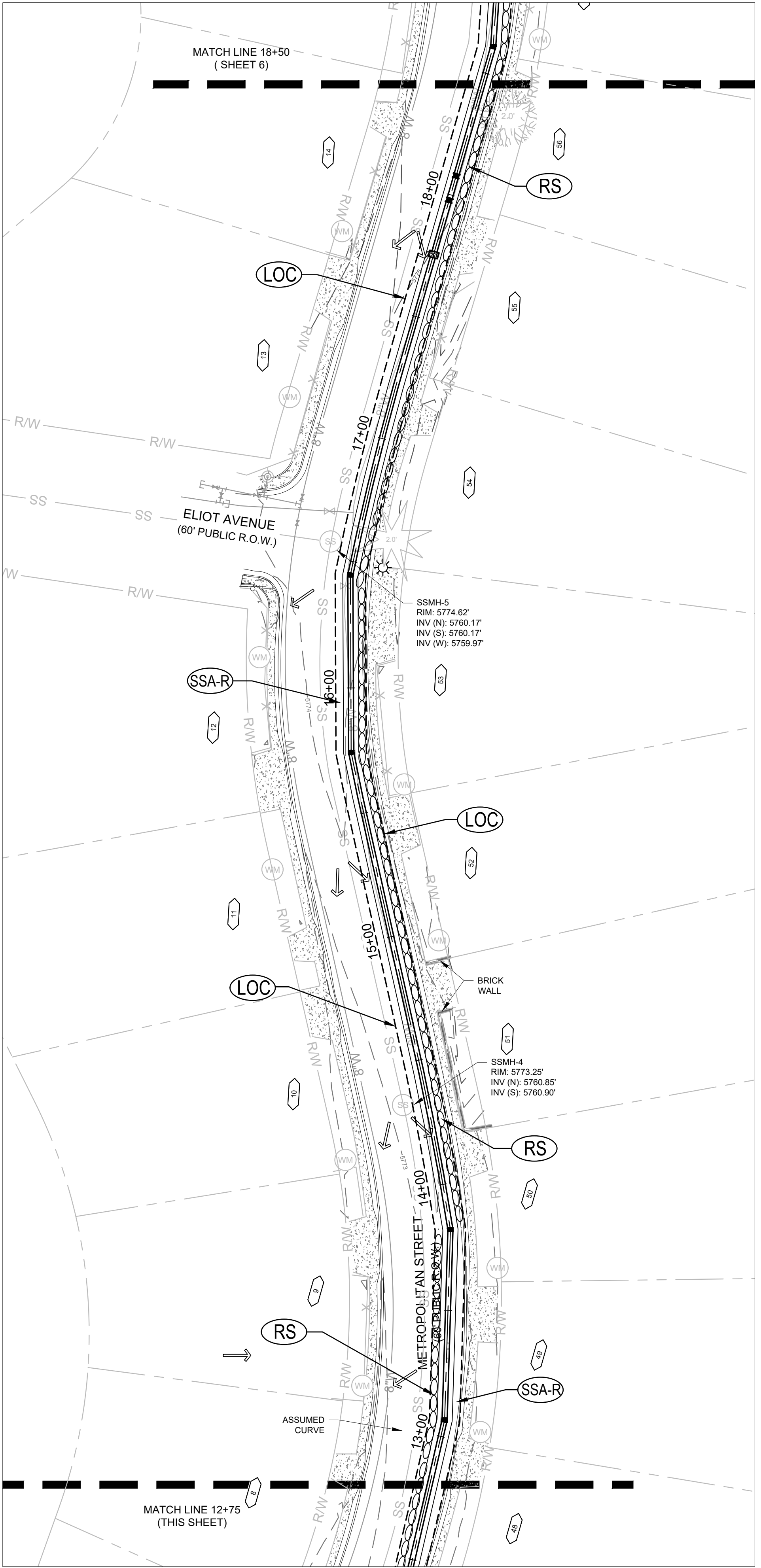
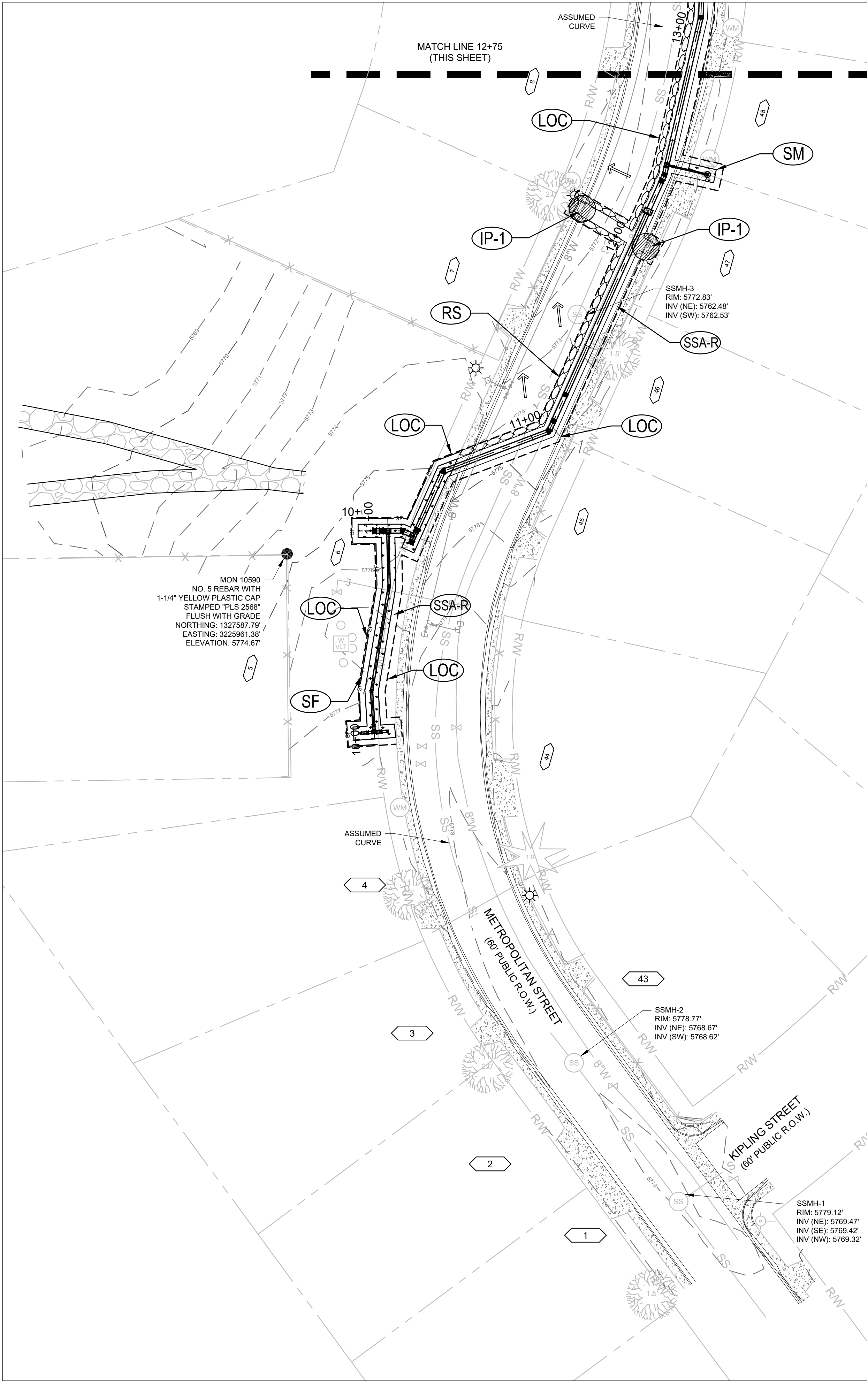


**GRADING AND EROSION CONTROL PLANS**  
**WIDEFIELD WSD**  
NORTHERN UPPER E. TO W. TRANSMISSION MAIN  
WATER MAIN REPLACEMENT PROJECT  
EL PASO COUNTY, COLORADO

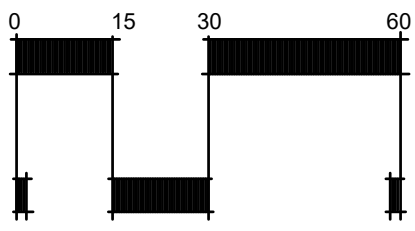
**EROSION CONTROL PLAN**  
STA. 10+00 - 18+50

Issued 09/14/22

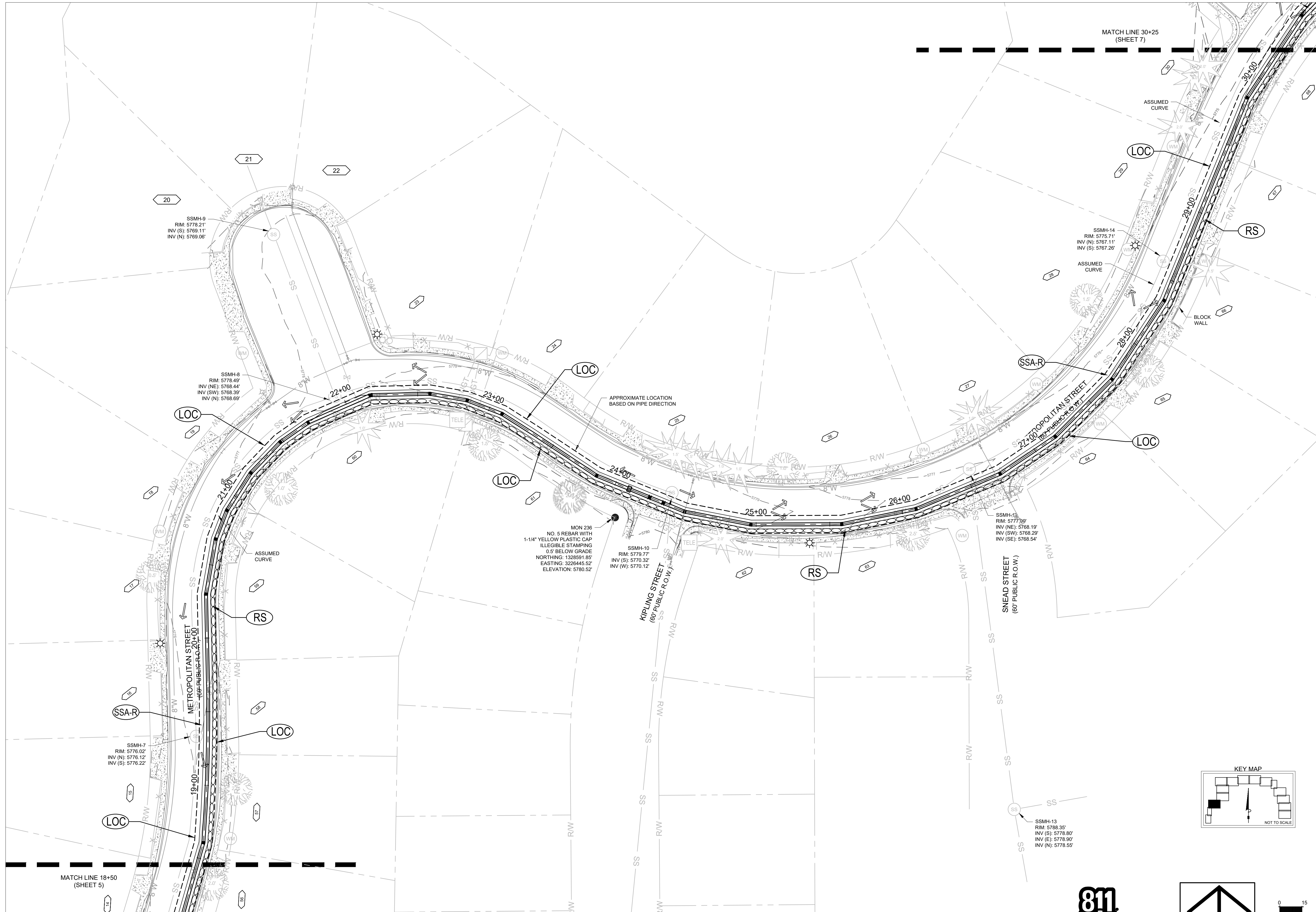
**5 OF 19**  
sheet number



NORTH



SCALE: 1" = 30'

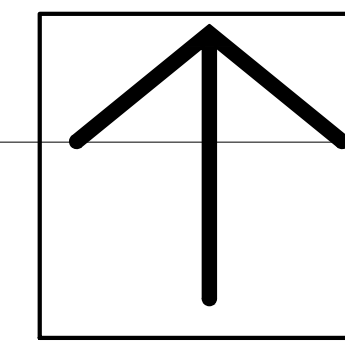


MATCH LINE 18+50  
(SHEET 5)

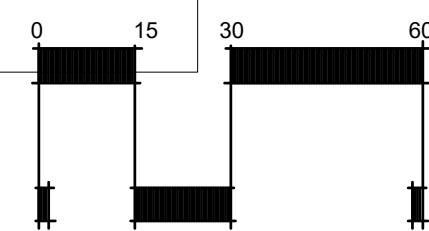
MATCH LINE 30+25  
(SHEET 7)



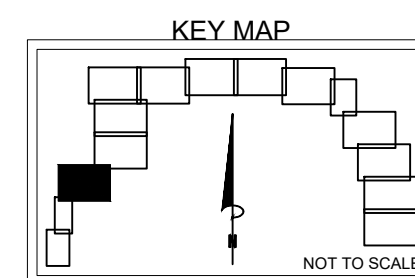
Know what's below.  
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NORTH



SCALE: 1" = 30'



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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. 18+50 - 30+25

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**6 OF 19**  
sheet number



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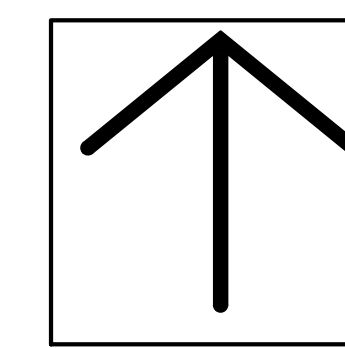
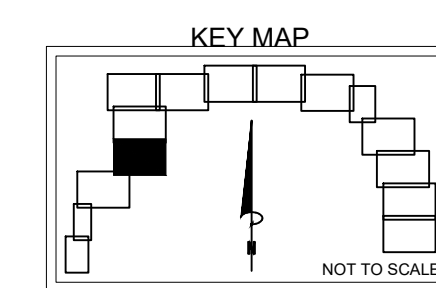
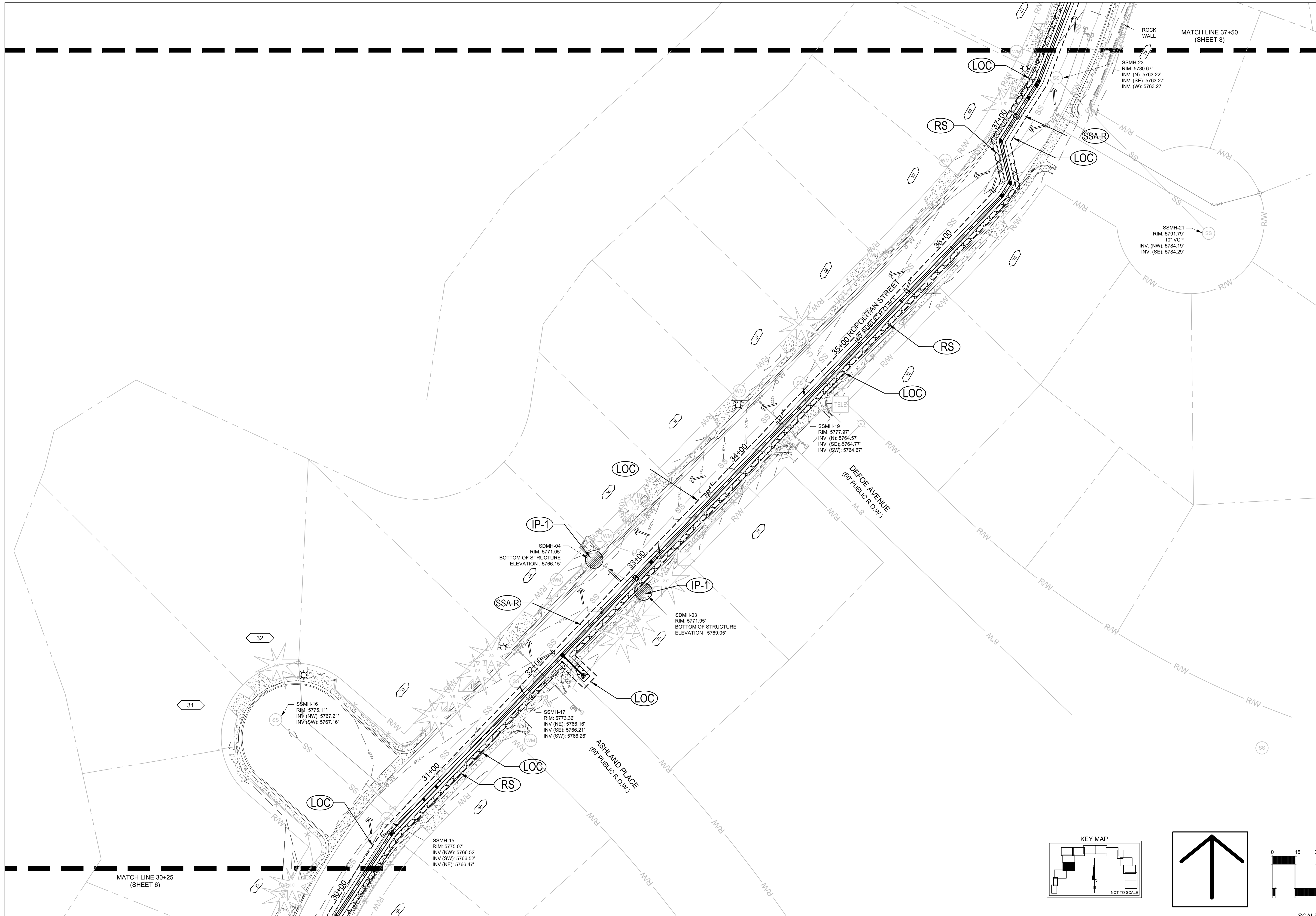
**GRADING AND EROSION CONTROL PLANS**

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

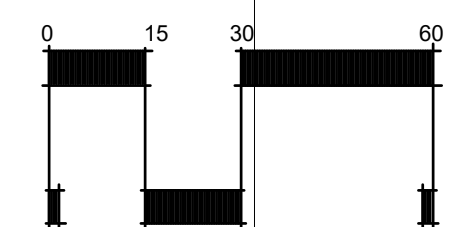
**EROSION CONTROL PLAN**  
STA. 30+25 - 37+50

ISSUED: 09/14/22


**7 OF 19**  
sheet number



NORTH



SCALE: 1" = 30'

MATCH LINE 30+25  
(SHEET 6)

MATCH LINE 37+50  
(SHEET 8)



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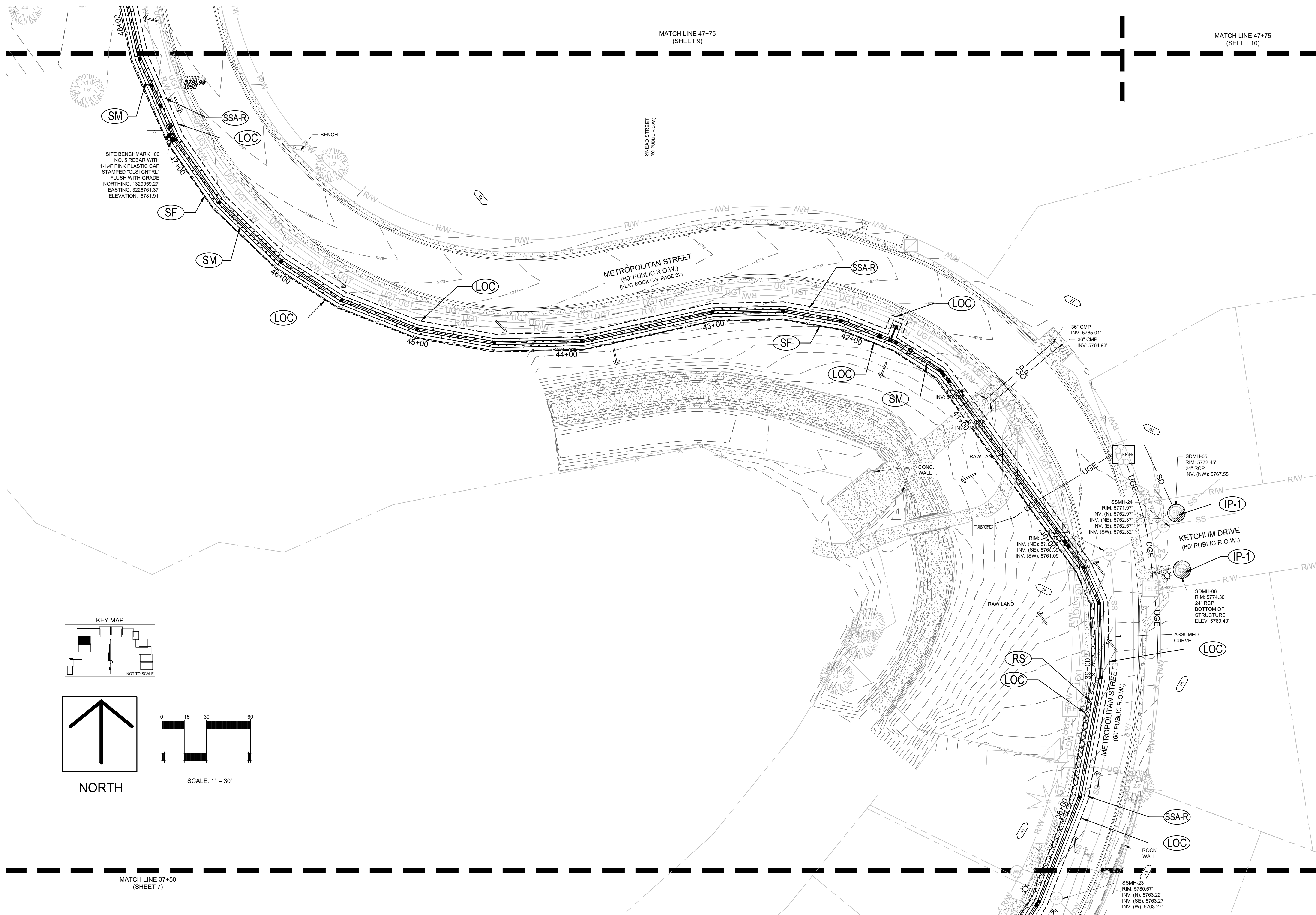


**GRADING AND EROSION CONTROL PLANS**  
**WIDEFIELD WSD**  
NORTHERN UPPER E. TO W. TRANSMISSION MAIN  
WATER MAIN REPLACEMENT PROJECT  
EL PASO COUNTY, COLORADO

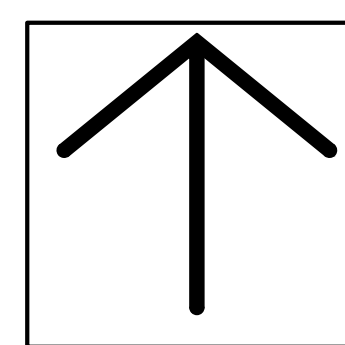
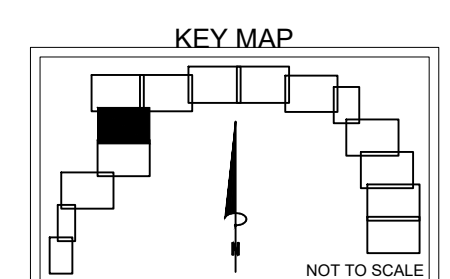
**EROSION CONTROL PLAN**  
STA. 37+50 - 47+75

issued 09/14/22

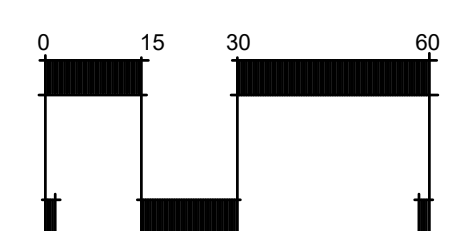

**8 OF 19**  
sheet number



SITE BENCHMARK 100  
NO. 5 REBAR WITH  
1-1/4" PINK PLASTIC CAP  
STAMPED "CLSI CNTRL"  
FLUSH WITH GRADE  
NORTHING: 132959.27'  
EASTING: 3226761.37'  
ELEVATION: 5781.91'



NORTH



SCALE: 1" = 30'

MATCH LINE 37+50  
(SHEET 7)

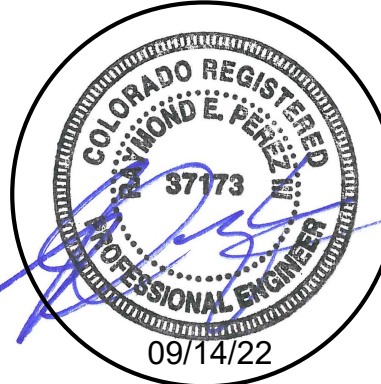
MATCH LINE 47+75  
(SHEET 9)

MATCH LINE 47+75  
(SHEET 10)





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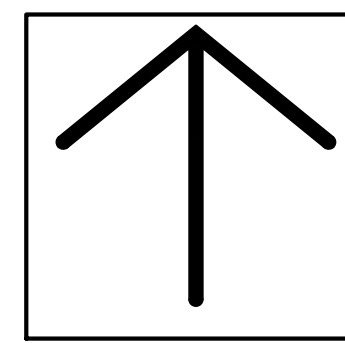
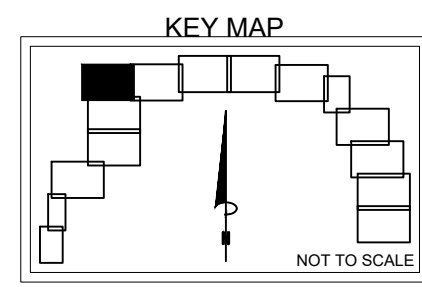


**GRADING AND EROSION CONTROL PLANS**

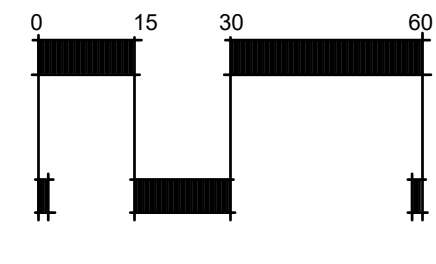
**WIDEFIELD WSD**  
NORTHERN UPPER E. TO W. TRANSMISSION MAIN  
WATER MAIN REPLACEMENT PROJECT  
EL PASO COUNTY, COLORADO

**EROSION CONTROL PLAN**  
STA. 47+75 - 57+50

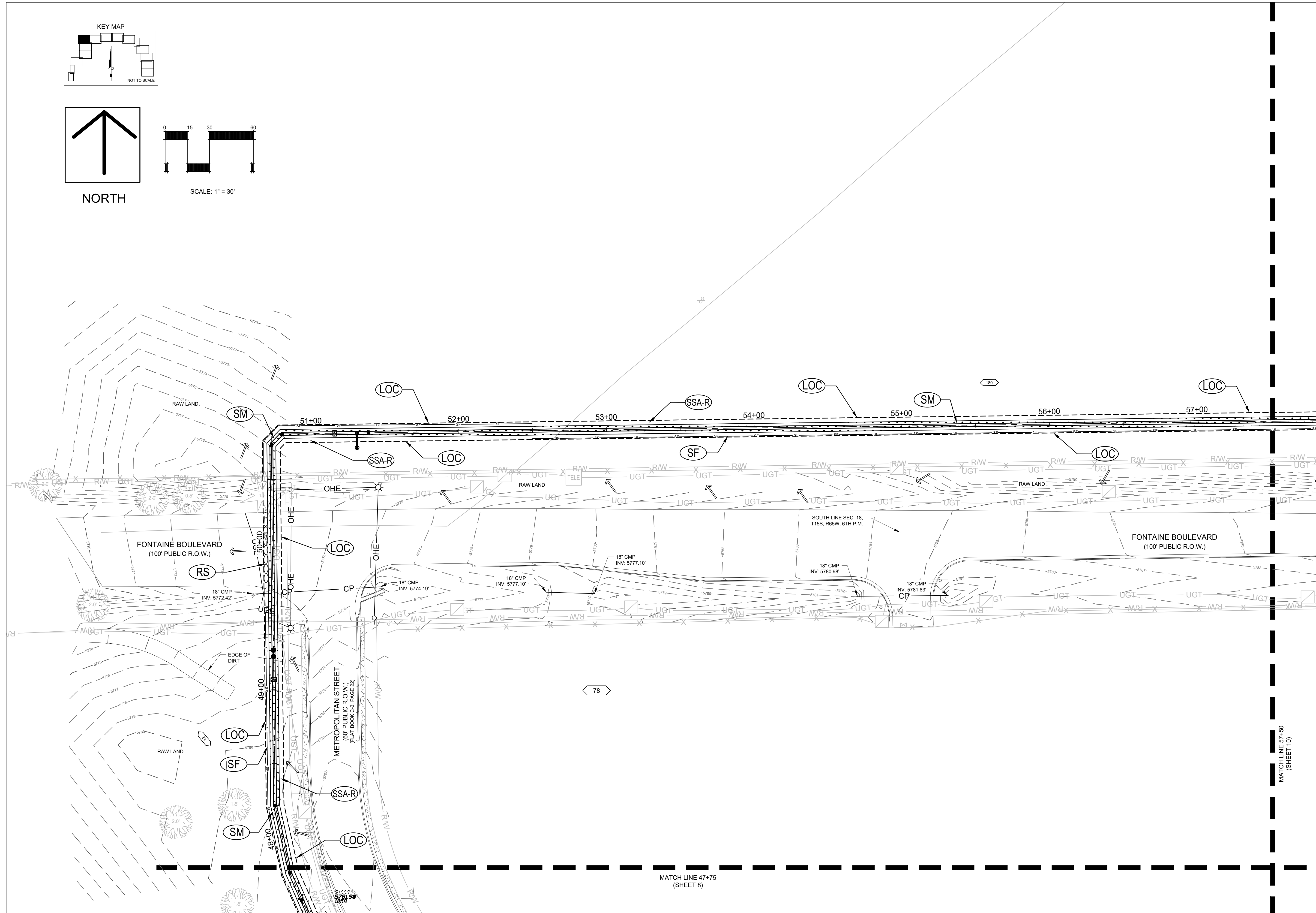
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NORTH



SCALE: 1" = 30'



MATCH LINE 47+75  
(SHEET 8)

MATCH LINE 57+50  
(SHEET 10)



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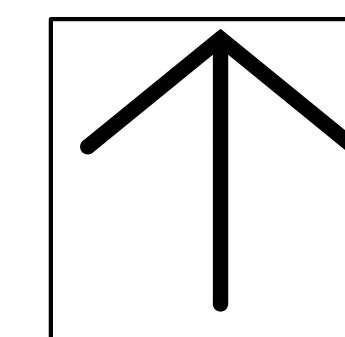
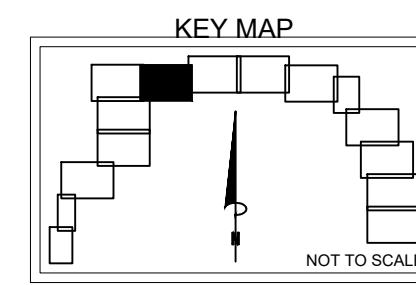
GRADING AND EROSION CONTROL PLANS

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

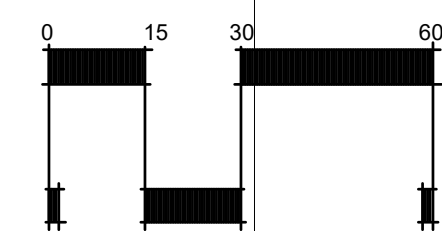
EROSION CONTROL PLAN  
STA. 57+50 - 66+00

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10 OF 19  
sheet number



NORTH



SCALE: 1" = 30'

MATCH LINE  
47+75  
(SHEET 8)

MATCH LINE 57+50  
(SHEET 9)

MATCH LINE 66+00  
(SHEET 11)



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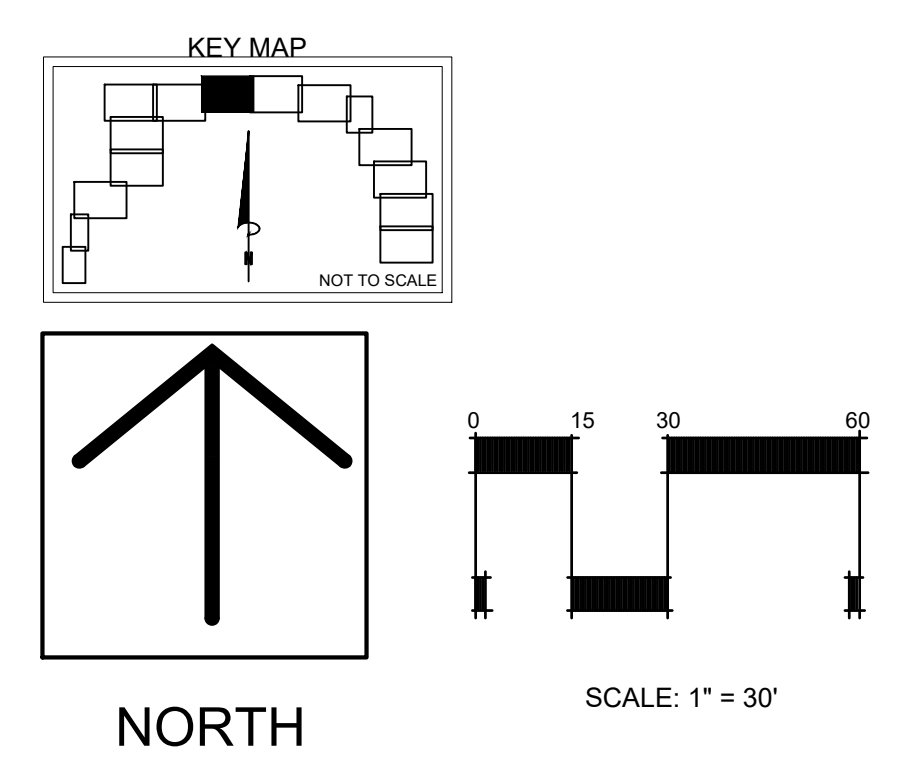
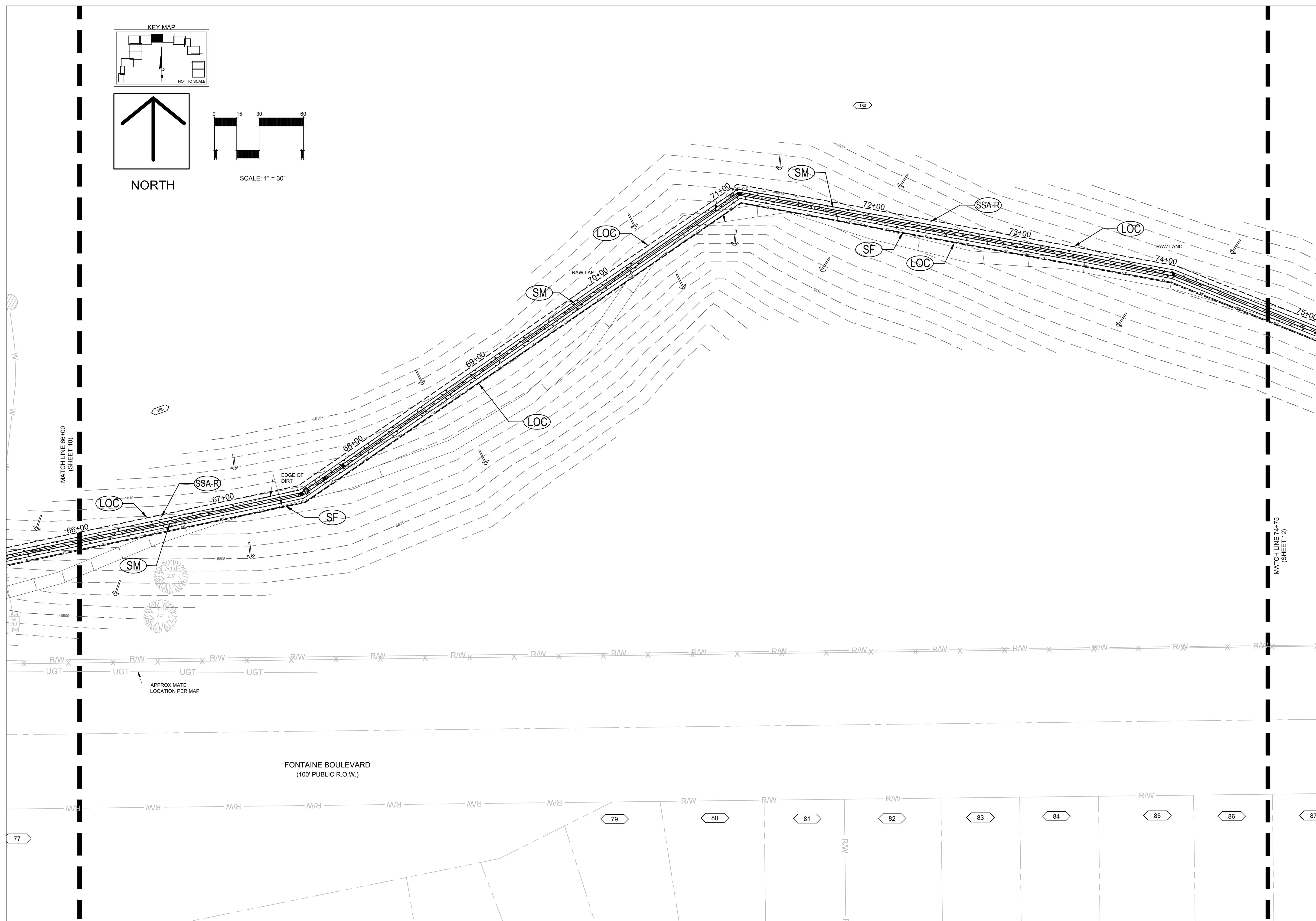


**GRADING AND EROSION CONTROL PLANS**  
**WIDEFIELD WSD**  
NORTHERN UPPER E. TO W. TRANSMISSION MAIN  
WATER MAIN REPLACEMENT PROJECT  
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**EROSION CONTROL PLAN**  
STA. 66+00 - 74+75

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**11 OF 19**  
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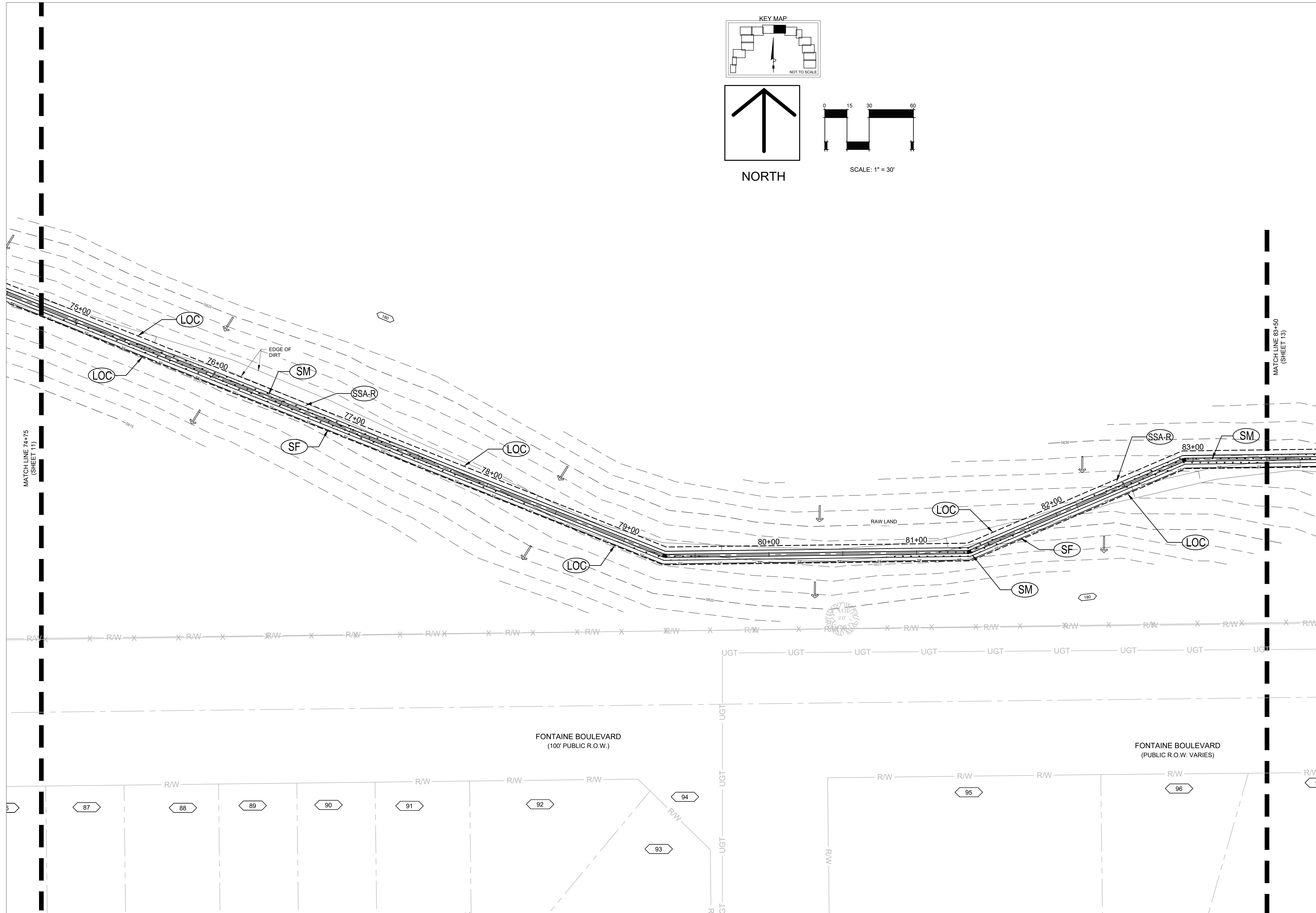


**GRADING AND EROSION CONTROL PLANS**

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

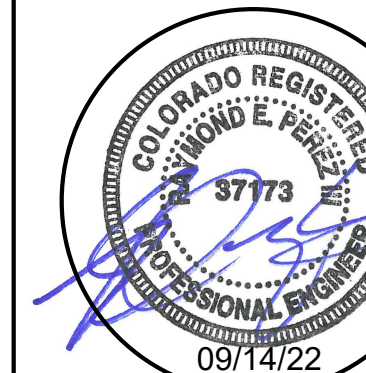
**EROSION CONTROL PLAN**  
♦ STA. 74+75 - 83+50

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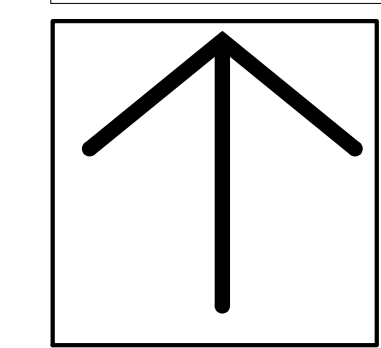
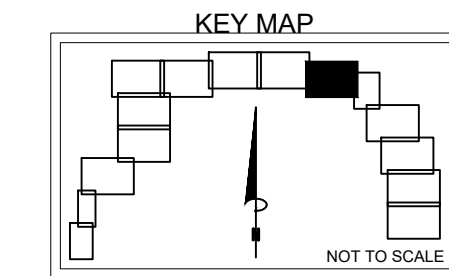
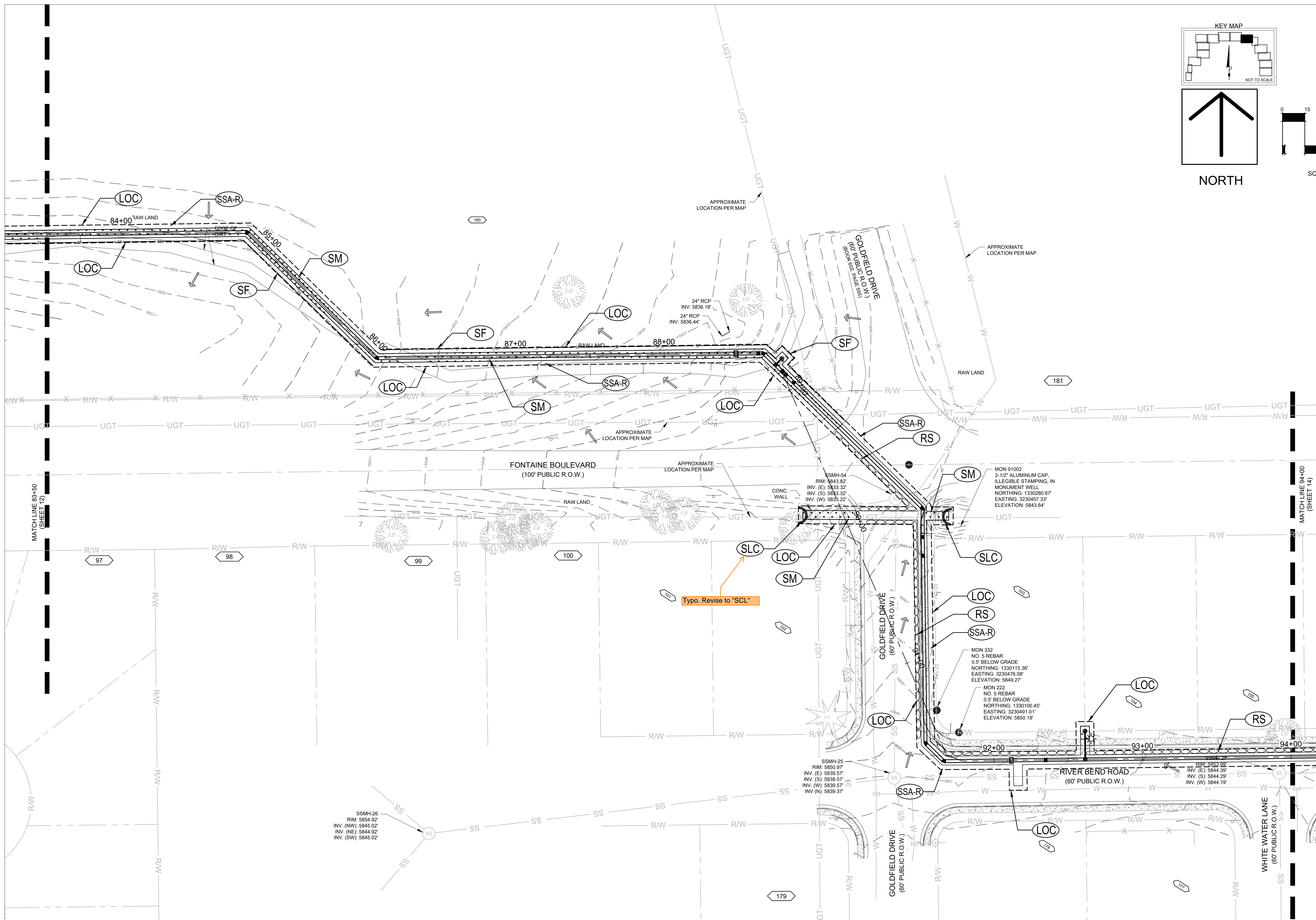


**GRADING AND EROSION CONTROL PLANS**  
**WIDEFIELD WSD**  
NORTHERN UPPER E. TO W. TRANSMISSION MAIN  
WATER MAIN REPLACEMENT PROJECT  
EL PASO COUNTY, COLORADO

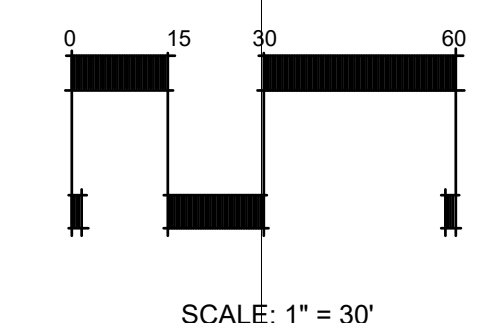
**EROSION CONTROL PLAN**  
STA. 83+50 - 94+00

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**13 OF 19**  
sheet number

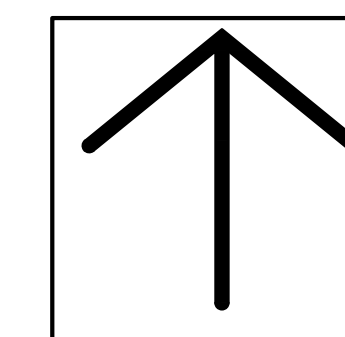
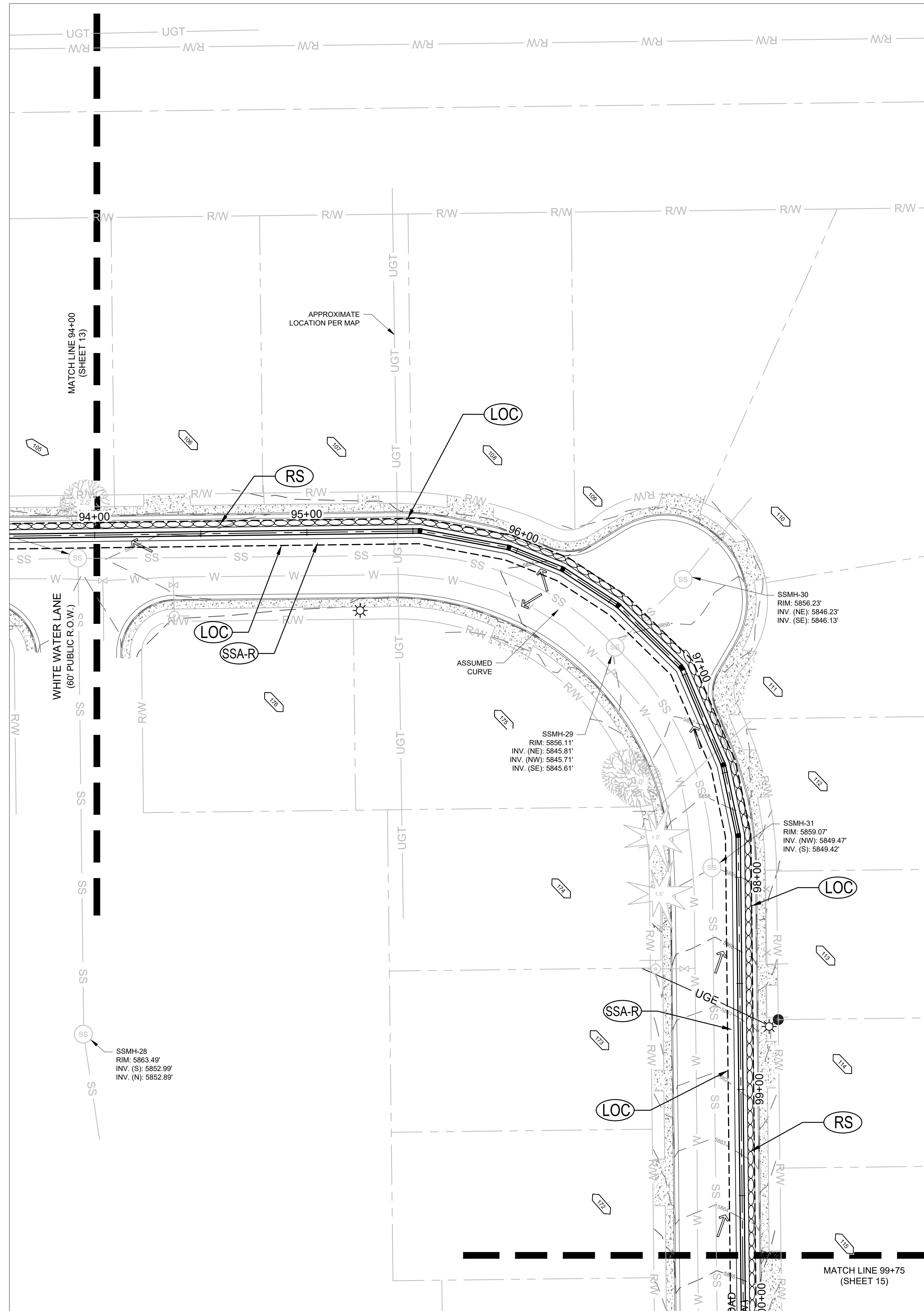
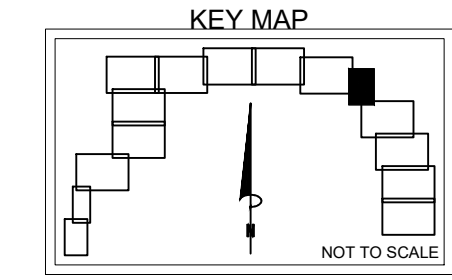


NORTH

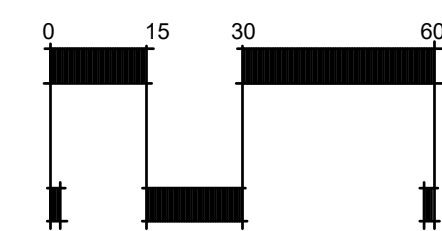




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NORTH



SCALE: 1" = 30'



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**GRADING AND EROSION CONTROL PLANS**

**WIDEFIELD WSD**  
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**EROSION CONTROL PLAN**  
STA. 94+00 - 99+75

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**GRADING AND EROSION CONTROL PLANS**  
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**EROSION CONTROL PLAN**  
STA. 99+75 - 108+25

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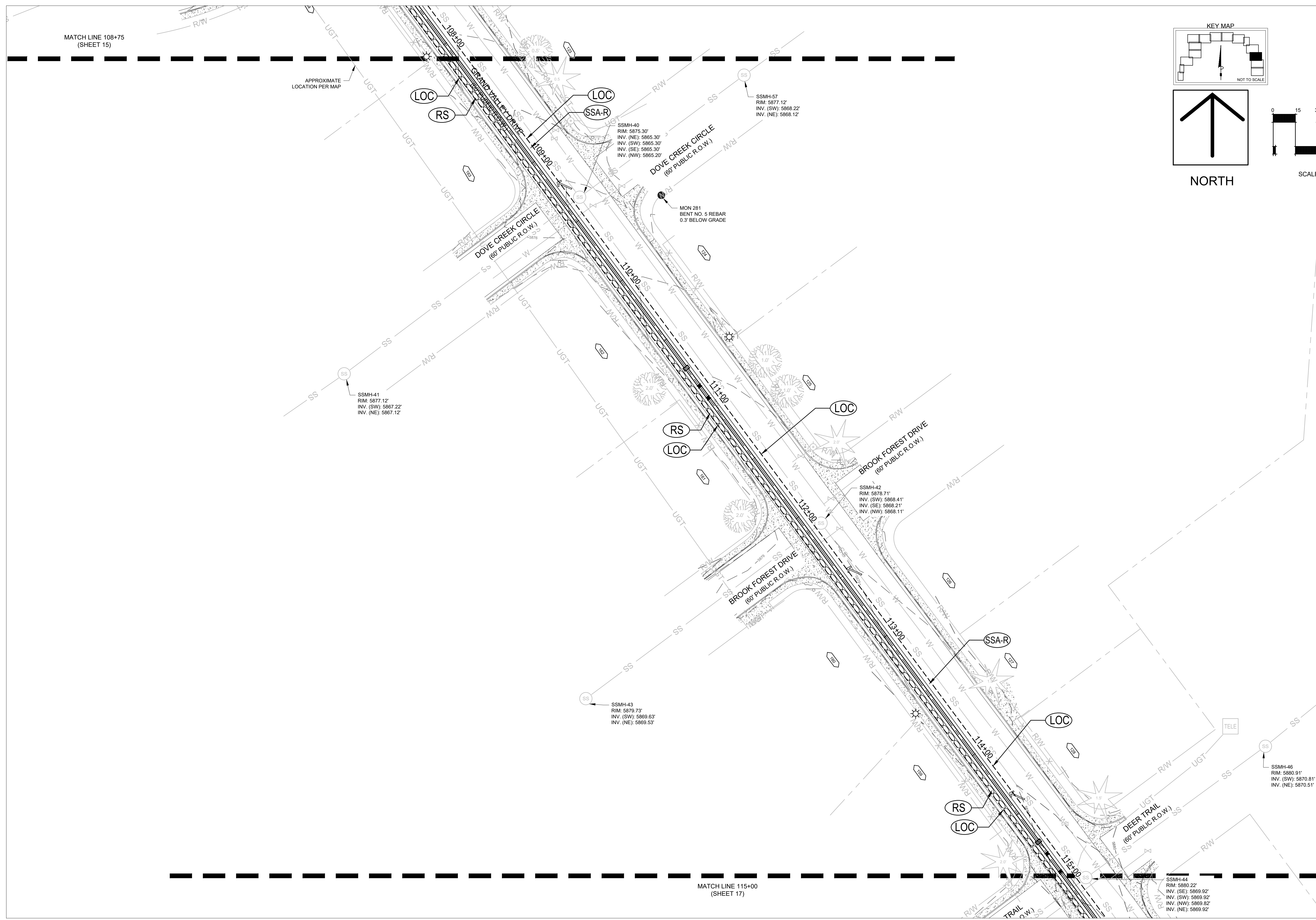


**GRADING AND EROSION CONTROL PLANS**  
**WIDEFIELD WSD**  
NORTHERN UPPER E. TO W. TRANSMISSION MAIN  
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**EROSION CONTROL PLAN**  
STA. 108+75 - 115+00

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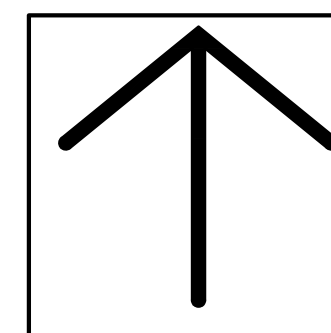
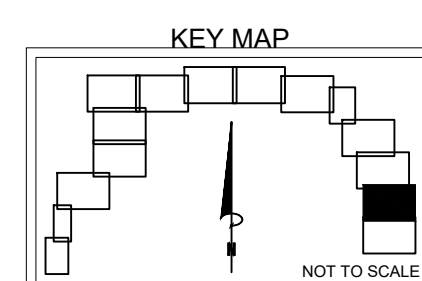
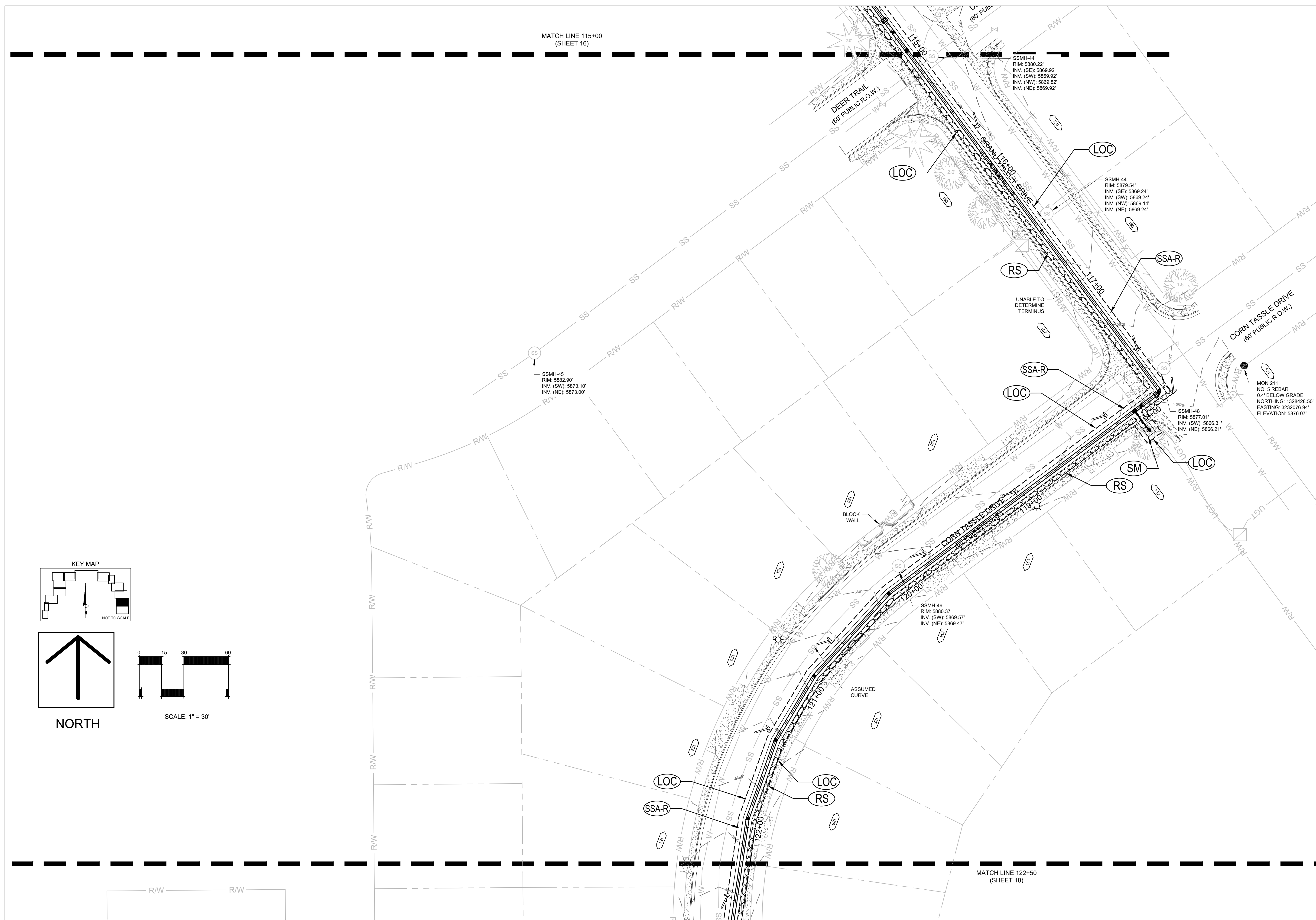


**GRADING AND EROSION CONTROL PLANS**  
**WIDEFIELD WSD**  
NORTHERN UPPER E. TO W. TRANSMISSION MAIN  
WATER MAIN REPLACEMENT PROJECT  
EL PASO COUNTY, COLORADO

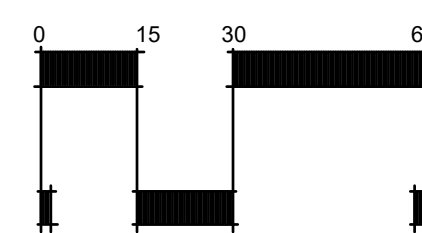
**EROSION CONTROL PLAN**  
STA. 115+00 - 122+50

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**17 OF 19**  
sheet number



NORTH



SCALE: 1" = 30'



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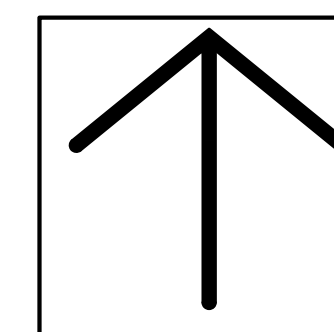
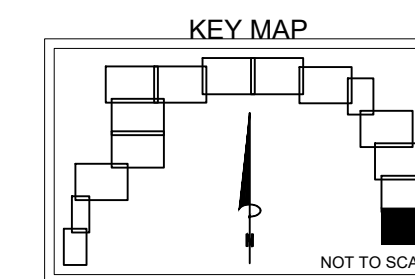
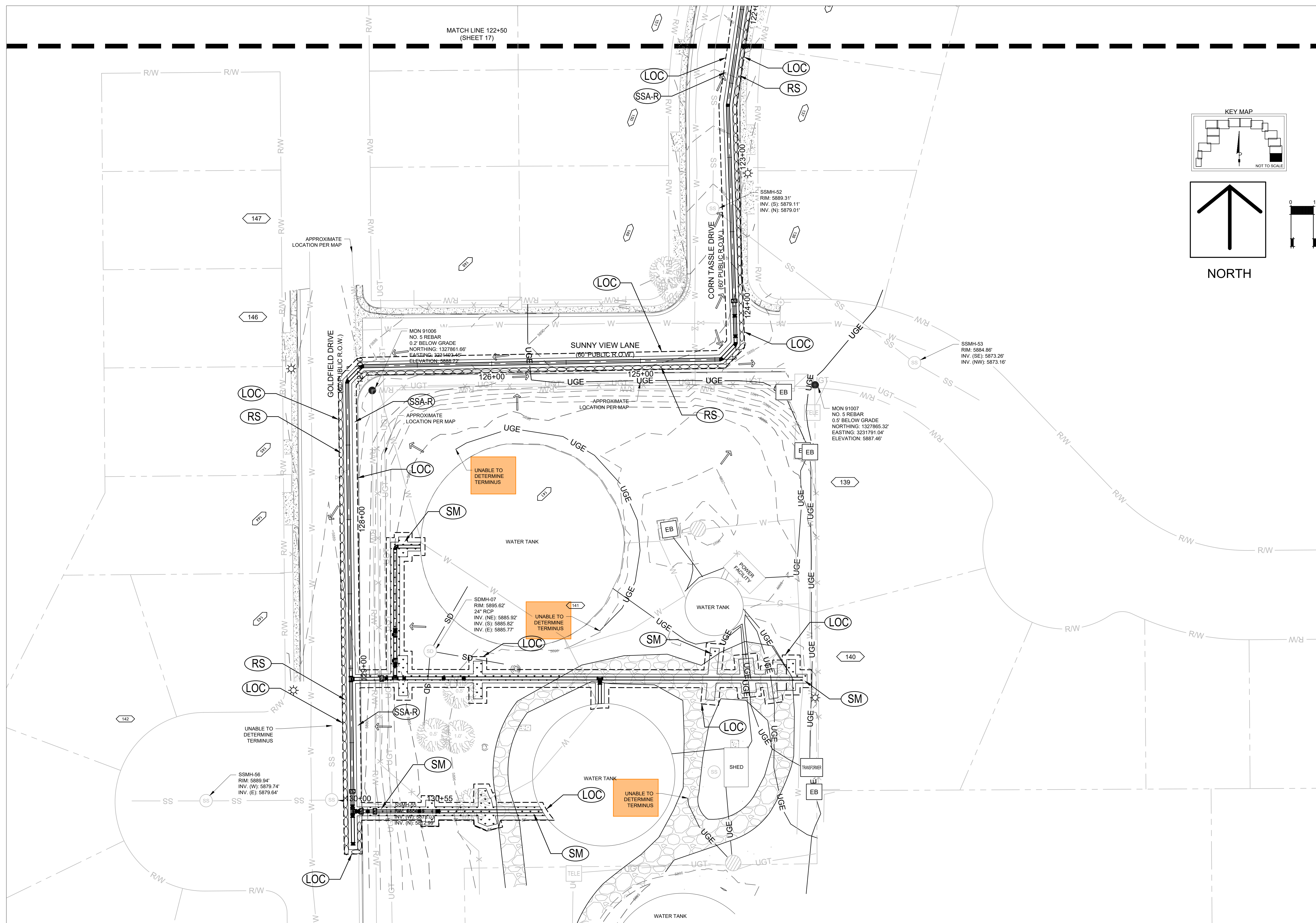
**GRADING AND EROSION CONTROL PLANS**

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

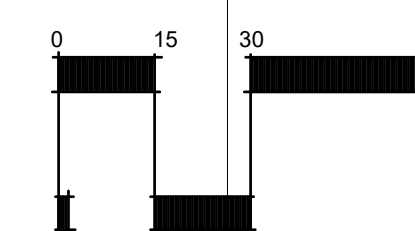
◆ EROSION CONTROL PLAN  
STA. 122+50 - 130+55

issued 09/14/22

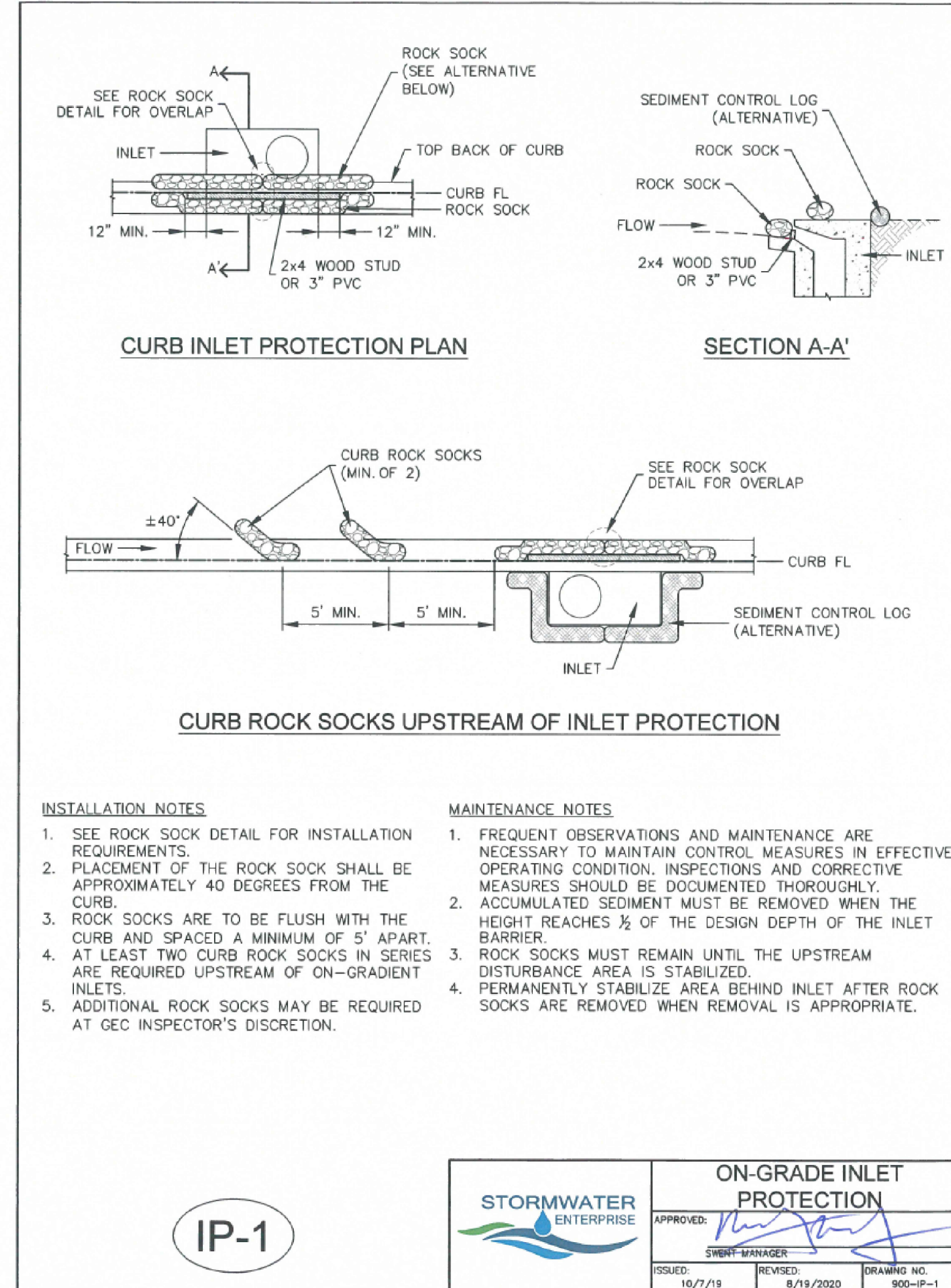
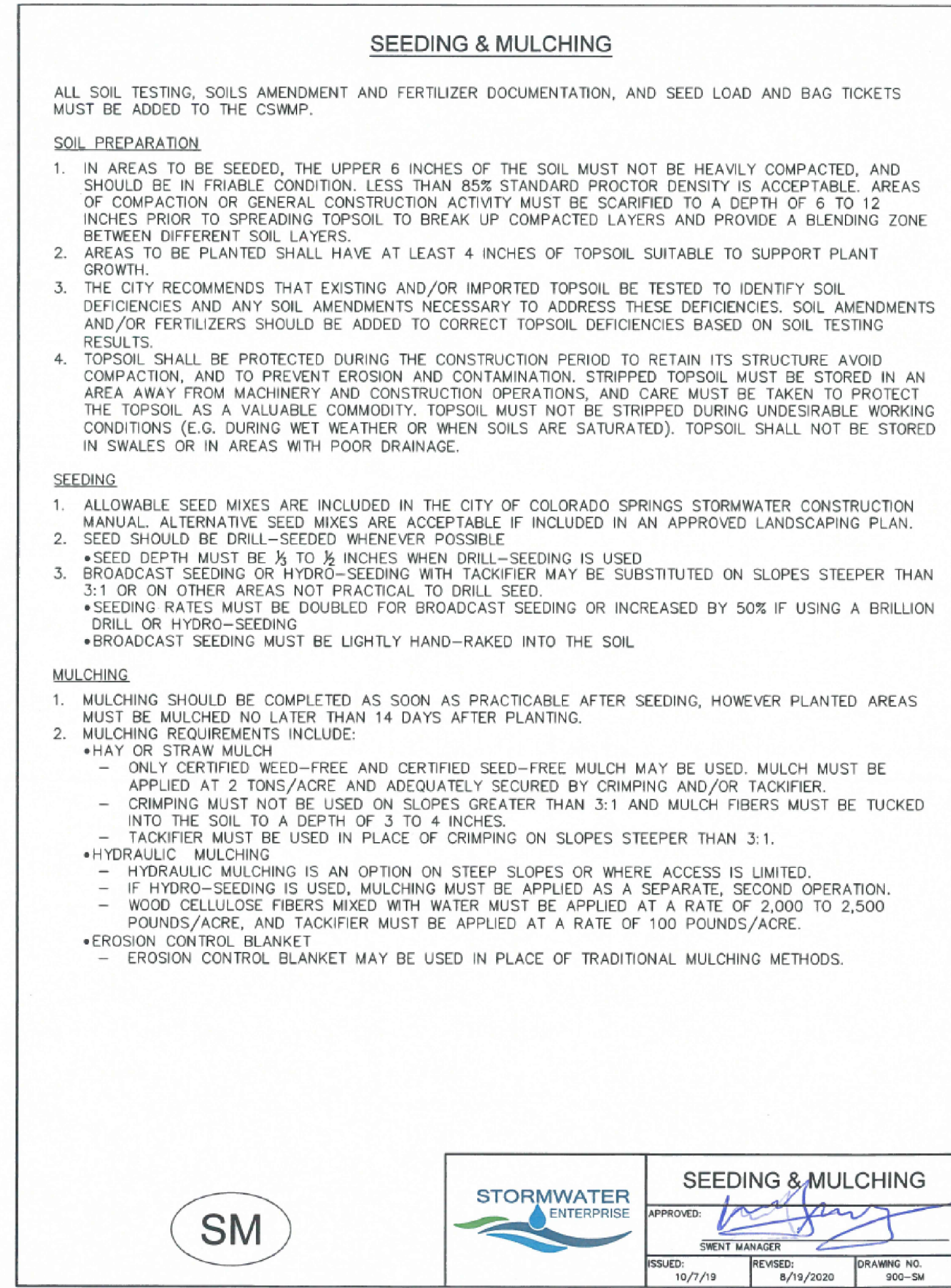
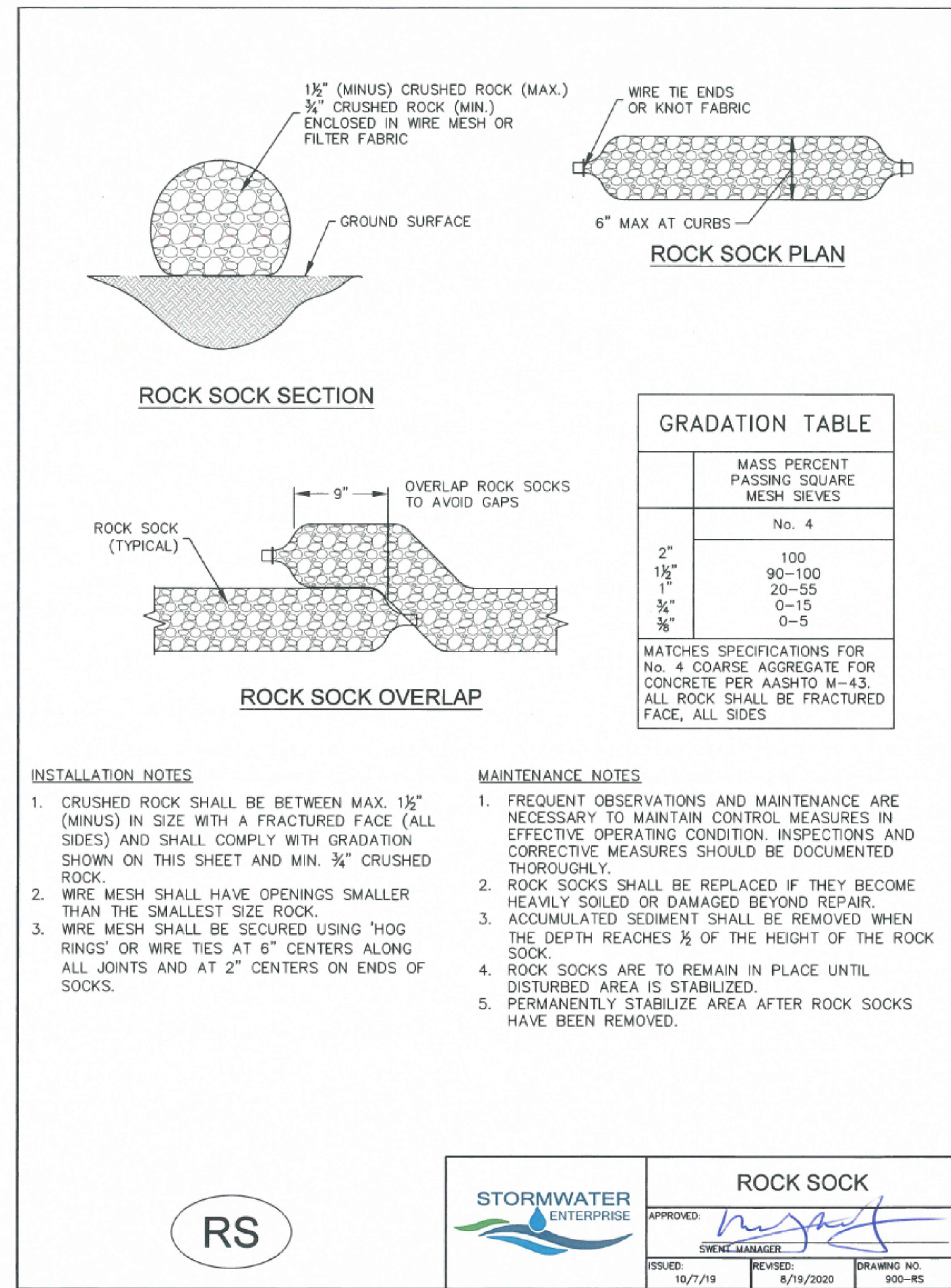

**18 OF 19**  
sheet number



NORTH



SCALE: 1" = 30'



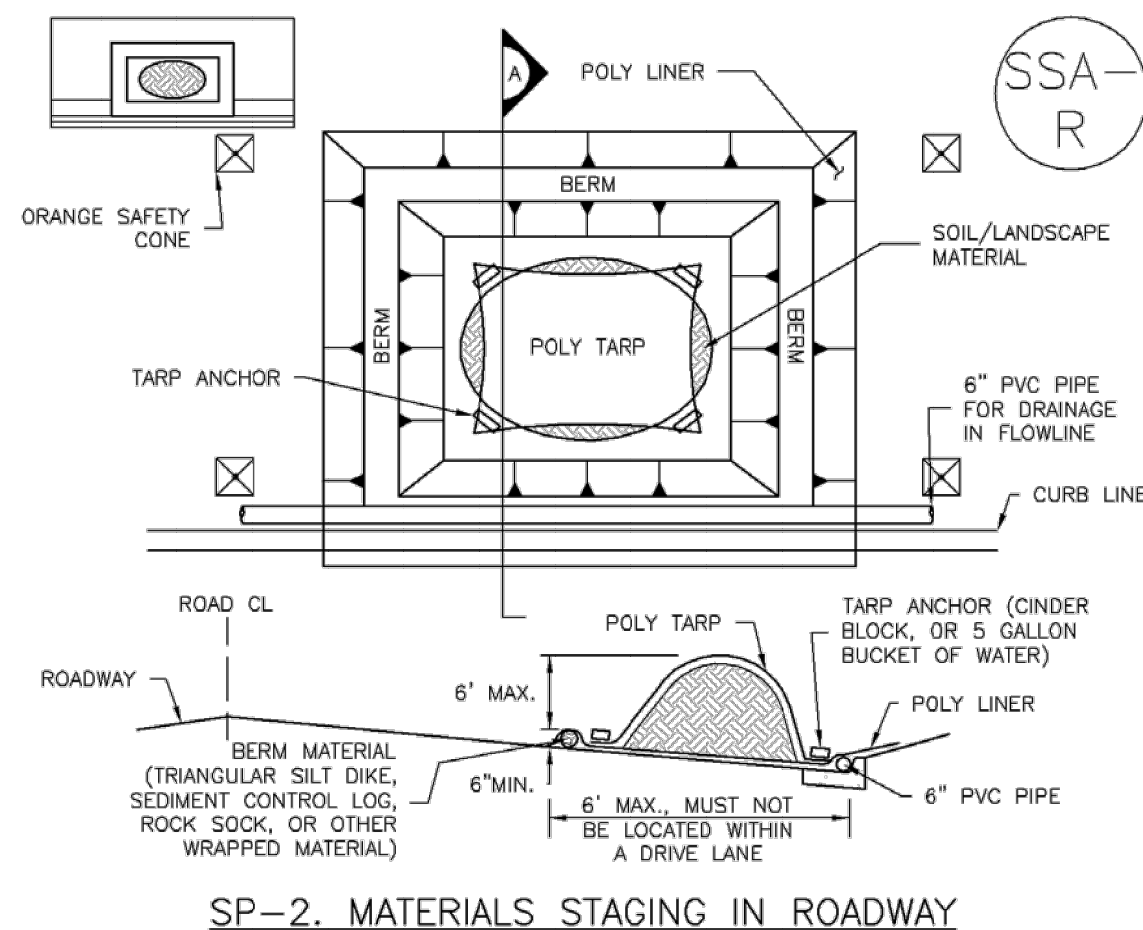
### MM-2 Stockpile Management (SM)

#### MATERIALS STAGING IN ROADWAY 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.
- INSPECT PVC PIPE ALONG CURB LINE FOR CLOGGING AND DEBRIS. REMOVE OBSTRUCTIONS PROMPTLY.
- CLEAN MATERIAL FROM PAVED SURFACES BY SWEEPING OR VACUUMING.

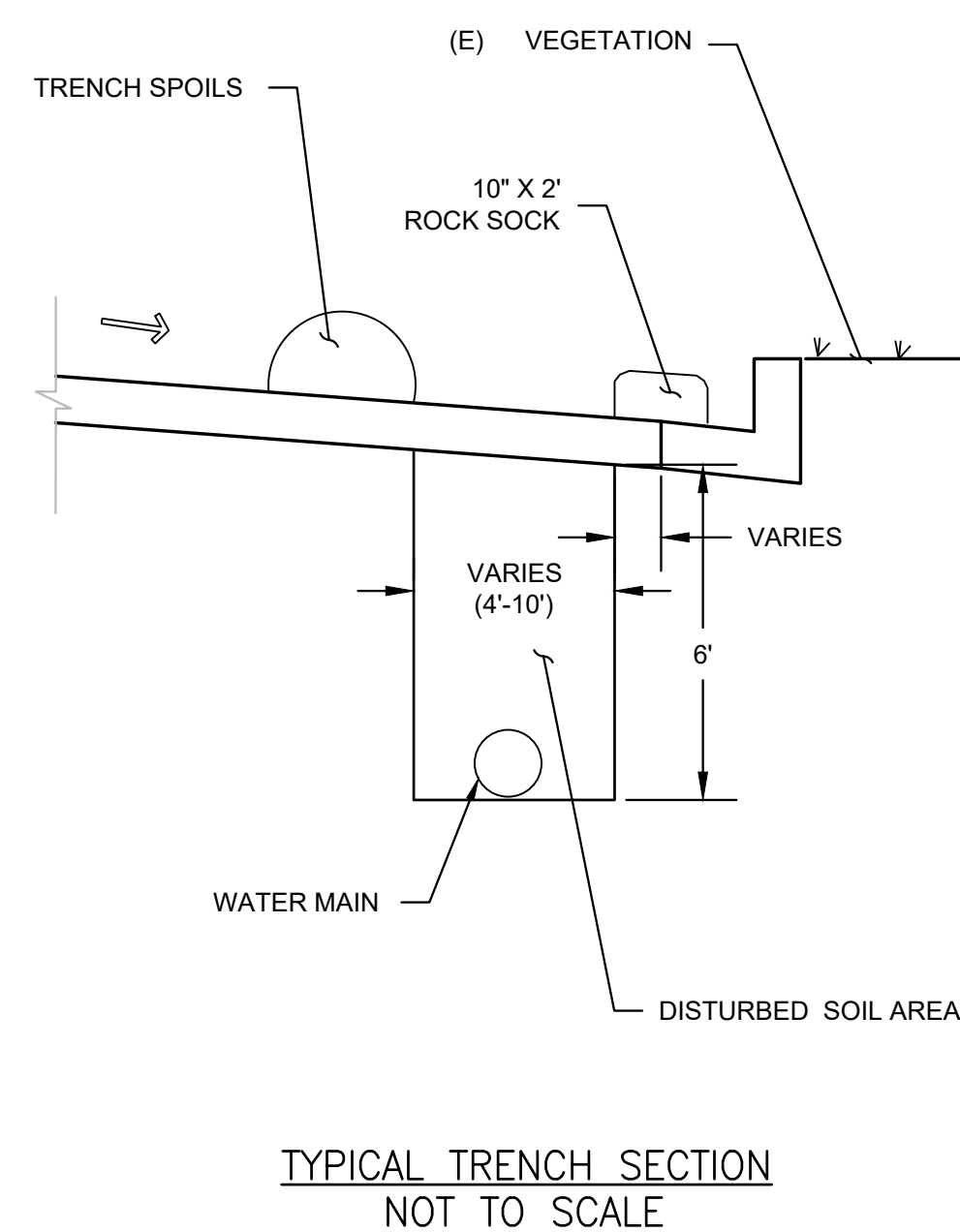
NOTE: MANY JURISDICTIONS HAVE BMP DETAILS THAT VARY FROM UDFCD STANDARD DETAILS. CONSULT WITH LOCAL JURISDICTIONS AS TO WHICH DETAIL SHOULD BE USED WHEN DIFFERENCES ARE NOTED.  
(DETAILS ADAPTED FROM AURORA, COLORADO)

### Stockpile Management (SP) MM-2



#### MATERIALS STAGING IN ROADWAYS INSTALLATION NOTES

- 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.
- FEATURE MUST BE INSTALLED PRIOR TO EXCAVATION, EARTHWORK OR DELIVERY OF MATERIALS.
- MATERIALS MUST BE STATIONED ON THE POLY LINER. ANY INCIDENTAL MATERIALS DEPOSITED ON PAVED SECTION OR ALONG CURB LINE MUST BE CLEANED UP PROMPTLY.
- POLY LINER AND TARP COVER SHOULD BE OF SIGNIFICANT THICKNESS TO PREVENT DAMAGE OR LOSS OF INTEGRITY.
- SAND BAGS MAY BE SUBSTITUTED TO ANCHOR THE COVER TARP OR PROVIDE BERMING UNDER THE BASE LINER.
- 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.
- THIS FEATURE CAN BE USED FOR:
  - UTILITY REPAIRS.
  - WHEN OTHER STAGING LOCATIONS AND OPTIONS ARE LIMITED.
  - OTHER LIMITED APPLICATION AND SHORT DURATION STAGING.



Item Z. Include details for the following BMP's. Examples of acceptable details for each are provided:

BMP	Detail # and Source				
	ECM (Appendix F)	DCM (Vol 2: Chap 3.3)	NHFD (USDCM Vol 3: Chap 7)	COS - Stormwater Construction Manual (App E)	CDOT Standard Plans on M-208
Concrete Washout	SD 3-84		MM-1	X	X
Rollled Erosion Control Products		ECB-1, ECB-2	EC-6	X	
Sediment Control Log	SD 3-85 SD 3-86 SD 3-87		SC-2	X	X
Silt Fence		SF-2, SF-3	SC-1	X	X
Vehicle Tracking Control		VT-1, VT-2	SM-4	X	X

#### MATERIALS STAGING IN ROADWAY 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.
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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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