## Standard el paso county grading & erosion control plan

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

2. NOTWITHSTANDING ANYTHING DEPICTED IN THESE PLANS IN WORDS OR GRAPHIC REPRESENTATION, ALL DESIGN AND CONSTRUCTION RELATED TO ROADS, STORM DRAINAGE AND EROSION CONTROL SHALL CONFORM TO THE STANDARDS AND REQUIREMENTS OF THE MOST RECENT VERSION OF THE RELEVANT ADOPTED EL PASO COUNTY STANDARDS, INCLUDING THE LAND DEVELOPMENT CODE, THE ENGINEERING CRITERIA MANUAL, THE DRAINAGE CRITERIA MANUAL, AND THE DRAINAGE CRITERIA MANUAL VOLUME 2. ANY DEVIATIONS FROM REGULATIONS AND STANDARDS MUST BE REQUESTED, AND APPROVED, IN WRITING.

3. A SEPARATE STORMWATER MANAGEMENT PLAN (SMWP) FOR THIS PROJECT SHALL BE COMPLETED AND AN FROSION 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

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

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.

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 LOOSENED PRIOR TO INSTALLATION OF THE

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

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, WASHOUTS SHALL NOT BE LOCATED IN AN AREA WHERE SHALLOW GROUNDWATER MAY BE PRESENT OR WITHIN 50 FEET OF A SURFACE WATER BODY, CREEK OR STREAM.

14. DURING DEWATERING OPERATIONS OF UNCONTAMINATED GROUND WATER MAY BE DISCHARGED ON SITE, BUT SHALL NOT LEAVE THE SITE IN THE FORM OF SURFACE RUNOFF UNLESS AN APPROVED STATE DEWATERING PERMIT IS IN PLACE.

15. EROSION CONTROL BLANKETING OR OTHER PROTECTIVE COVERING SHALL BE USED ON SLOPES

16. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL WASTES FROM THE CONSTRUCTION SITE FOR DISPOSAL IN ACCORDANCE WITH LOCAL AND STATE REGULATORY REQUIREMENTS. NO CONSTRUCTION DEBRIS, TREE SLASH, BUILDING MATERIAL WASTES OR UNUSED BUILDING MATERIALS SHALL BE BURIED, DUMPED, OR DISCHARGED AT THE SITE.

17. WASTE MATERIALS SHALL NOT BE TEMPORARILY PLACED OR STORED IN THE STREET, ALLEY, OR OTHER PUBLIC WAY, UNLESS IN ACCORDANCE WITH AN APPROVED TRAFFIC CONTROL PLAN. CONTROL MEASURES MAY BE REQUIRED BY EL PASO COUNTY ENGINEERING IF DEEMED NECESSARY. BASED ON SPECIFIC CONDITIONS AND CIRCUMSTANCES.

18. TRACKING OF SOILS AND CONSTRUCTION DEBRIS OFF-SITE SHALL BE MINIMIZED. MATERIALS TRACKED OFF-SITE SHALL BE CLEANED UP AND PROPERLY DISPOSED OF IMMEDIATELY.

19. THE OWNER/DEVELOPER SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL CONSTRUCTION DEBRIS, DIRT, TRASH, ROCK, SEDIMENT, SOIL, AND SAND THAT MAY ACCUMULATE IN ROADS, STORM DRAINS AND OTHER DRAINAGE CONVEYANCE SYSTEMS AND STORMWATER APPURTENANCES AS A RESULT OF SITE DEVELOPMENT.

20. THE QUANTITY OF MATERIALS STORED ON THE PROJECT SITE SHALL BE LIMITED, AS MUCH AS PRACTICAL, TO THAT QUANTITY REQUIRED TO PERFORM THE WORK IN AN ORDERLY SEQUENCE. ALL MATERIALS STORED ON-SITE SHALL BE STORED IN A NEAT, ORDERLY MANNER, IN THEIR ORIGINAL CONTAINERS, WITH ORIGINAL MANUFACTURER'S LABELS.

21. NO CHEMICAL(S) HAVING THE POTENTIAL TO BE RELEASED IN STORMWATER ARE TO BE STORED OR USED ONSITE UNLESS PERMISSION FOR THE USE OF SUCH CHEMICAL(S) IS GRANTED IN WRITING BY THE ECM ADMINISTRATOR. IN GRANTING APPROVAL FOR THE USE OF SUCH CHEMICAL(S), SPECIAL CONDITIONS AND MONITORING MAY BE REQUIRED.

22. BULK STORAGE OF ALLOWED PETROLEUM PRODUCTS OR OTHER ALLOWED LIQUID CHEMICALS IN EXCESS OF 55 GALLONS SHALL REQUIRE ADEQUATE SECONDARY CONTAINMENT PROTECTION TO CONTAIN ALL SPILLS ONSITE AND TO PREVENT ANY SPILLED MATERIALS FROM ENTERING STATE WATERS, ANY SURFACE OR SUBSURFACE STORM DRAINAGE SYSTEM OR OTHER FACILITIES.

23. NO PERSON SHALL CAUSE THE IMPEDIMENT OF STORMWATER FLOW IN THE CURB AND GUTTER OR DITCH EXCEPT WITH APPROVED SEDIMENT CONTROL MEASURES.

24. OWNER/DEVELOPER AND THEIR AGENTS SHALL COMPLY WITH THE "COLORADO WATER QUALITY CONTROL ACT" (TITLE 25, ARTICLE 8, CRS), AND THE "CLEAN WATER ACT" (33 USC 1344), IN ADDITION TO THE REQUIREMENTS OF THE LAND DEVELOPMENT CODE, DCM VOLUME II AND THE ECM APPENDIX I. ALL APPROPRIATE PERMITS MUST BE OBTAINED BY THE CONTRACTOR PRIOR TO CONSTRUCTION (1041, NPDES, FLOODPLAIN, 404, FUGITIVE DUST, ETC.). IN THE EVENT OF CONFLICTS BETWEEN THESE REQUIREMENTS AND OTHER LAWS, RULES, OR REGULATIONS OF OTHER FEDERAL, STATE, LOCAL, OR COUNTY AGENCIES, THE MOST RESTRICTIVE LAWS, RULES, OR REGULATIONS SHALL APPLY.

25. ALL CONSTRUCTION TRAFFIC MUST ENTER/EXIT THE SITE ONLY AT APPROVED CONSTRUCTION

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 WITH YED AS REQUIRED TO MINIMIZE DUST FROM EARTHWORK EQUIPMENT AND WHID:

28. THE SOILS REPORT FOR THIS SITE HAS BEEN PREPARED BY\_\_\_ SHALL BE CONSIDERED A PART OF THESE PLANS.

ATTN: PERMITS UNIT

29. AT LEAST TEN (10) DAYS PRIOR TO THE ANTICIPATED START OF CONSTRUCTION, FOR PROJECT 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), ¢ 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

dd missing infor

# GRADING AND EROSION CONTROL PLANS

# MEADOW RANCH II & III

PORTIONS OF SECTIONS 3, 4, 10, 11 & 15, TOWNSHIP 17 SOUTH, RANGE 61 WEST OF THE 6TH P.M., EL PASO COUNTY, COLORADO

#### **ABBREVIATIONS** ELEVATION RIGHT-OF-WAY POINT OF CURVATURE **RADIUS TANGENT** POINT OF INTERSECTION LENGTH POINT OF TANGENCY LINEAR FEET POINT OF CURVE RETURN POINT OF REVERSE CURVATURE CENTERLINE X.XX' R DIMENSION RIGHT OF CL POINT OF VERTICAL CURVATURE POINT OF VERTICAL INTERSECTION X.XX' L DIMENSION LEFT OF CL POINT OF VERTICAL TANGENCY $\mathsf{PL}$ PROPERTY LINE GRADE BREAK PVRC POINT OF VERT REVERSE CORRUGATED STEEL PIPE CURVATURE VERTICAL CURVE REINFORCED CONCRETE PIPE CONCRETE BOX CULVERT **ANGLE POINT** TOP BACK CURB STA STATION TOP OF CURB INVERT SECTION 4, T17S **BEGIN TAPER** RAIN GARDEN **END TAPER** SAND FILTER BASIN **EDGE OF CONCRETE** LEGEND **BOUNDARY LINE** BOUNDARY LINE

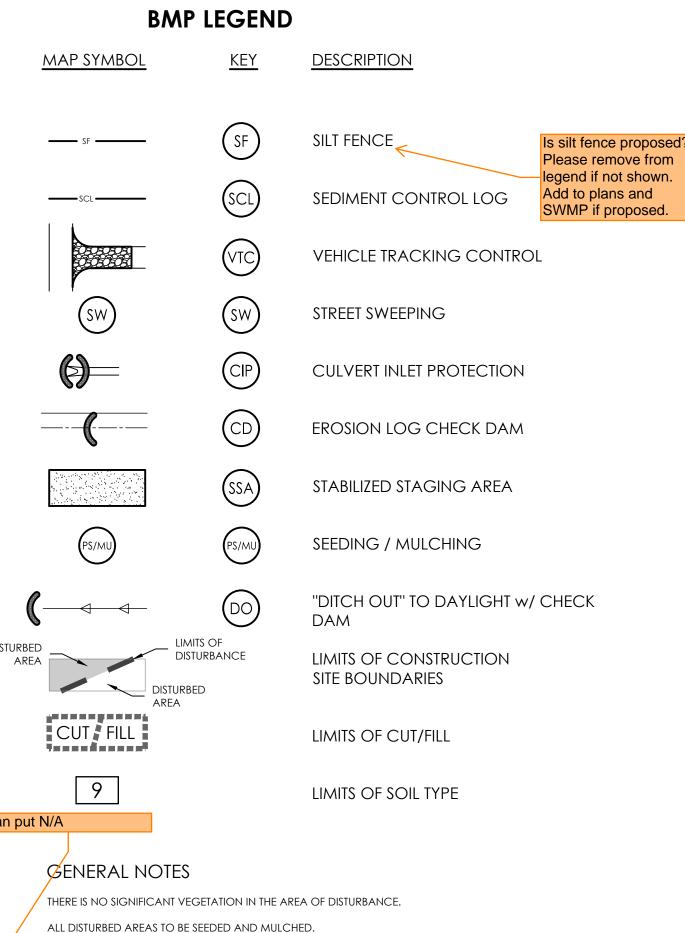
THERE ARE NOT ANY NO-BUILD AREAS INDICATED ON THIS PLAN.

SWMP Checklist Item 17f - State that there

are no asphalt/concrete batch plates or

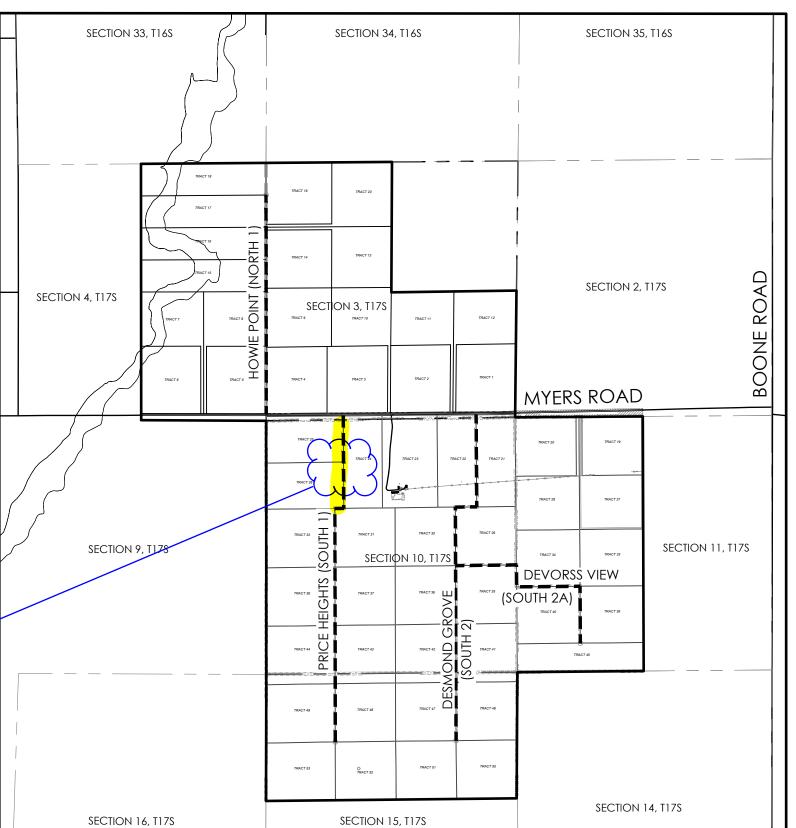
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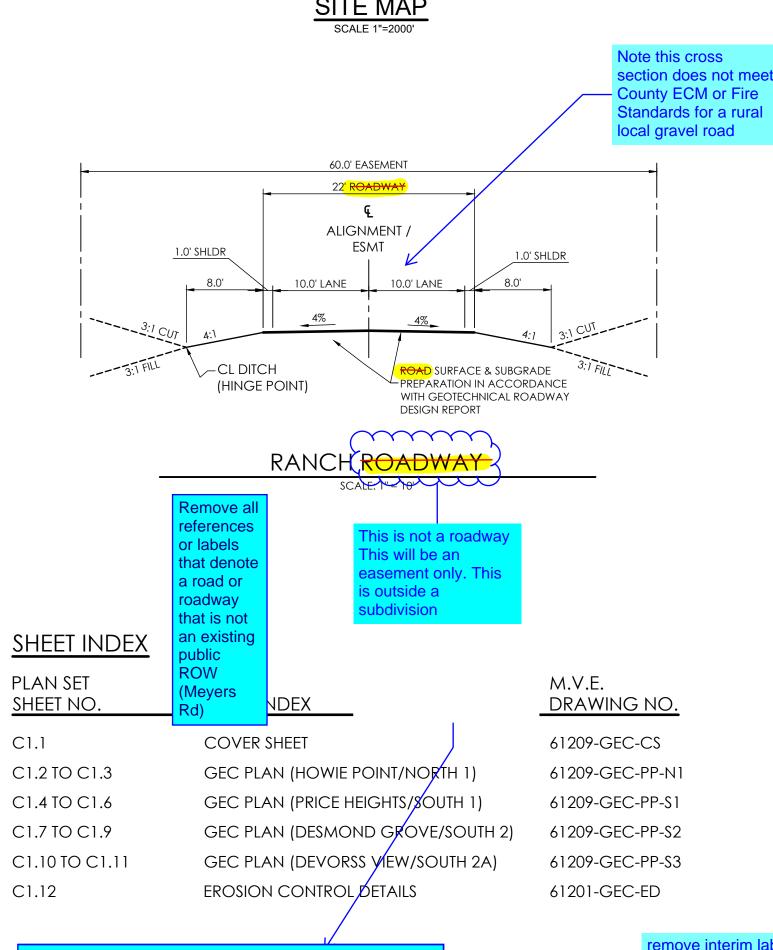
POLE-ANCHOR.



STOCKPILE AND STAGING AREA WILL RELOCATE AS THE PROJECT MOVES FROM INITIAL TO FINAL STAGES. THE

LOCATIONS FOR THESE AREAS SHALL BE ANNOTATED ON THIS PLAN BY THE SWMP ADMINISTRATOR.





he private easements as shown on this GEC plan will no

e maintained by El Paso County until and unless new

ounty standards in effect at the date of the request for

oads are constructed in conformance with El Paso

edication and maintenance.

FROM AVAILABLE RECORDS AND/OR SURFACE EVIDENCE. THE LOCATION OF ALL UTILITIES MAY NOT BE SHOWN OR MAY NOT HAVE BEEN LOCATED. BELOW GROUND LOCATIONS HAVE NOT BEEN PERFORMED. THEREFORE, THE RELATIONSHIP BETWEEN PROPOSED WORK AND EXISTING FACILITIES. STRUCTURES AND UTILITIES MUST BE CONSIDERED APPROXIMATE.

CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL SUBSURFACE UTILITY FACILITIES. ALL UTILITIES SHALL BE LOCATED PRIOR TO ANY EARTH WORK OR DIGGING (1-800-922-1987), THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MAY BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UTILITIES.

3. EXISTING CONDITIONS SHALL BE VERIFIED BY THE GENERAL CONTRACTOR. DISCREPANCIES ARE TO BE REPORTED TO THE ENGINEER PRIOR TO

4. SOIL PREPARATION, SEEDING, AND MULCHING FOR AN ESTIMATED 3.3 ACRES WILL BE REQUIRED ON ALL DISTURBED AREAS NOT SURFACED. THE FOLLOWING TYPES AND RATES SHALL BE USED:

GRASS	VARIETY	AMOUNT II	N PLS Ibs. PER A
SIDEOATS GRAMA	EL RENO	7 11 11 01 11 11	3.0 lbs.
WESTERN WHEATGRASS	BARTON		2.5 lbs.
SLENDER WHEAT GRASS	NATIVE		2.0 lbs.
LITTLE BLUESTEM	PASTURA		2.0 lbs.
SAND DROPSEED	NATIVE		0.5 lbs.
SWITCH GRASS	NEBRASKA 2	8	3.0 lbs.
WEEPING LOVE GRASS	MORPHA		1.0 lbs.
		TOTAL	14.0 lbs.

. SEEDING APPLICATION: DRILLED TO A DEPTH OF .25" TO .50" INTO SOIL WHERE POSSIBLE, BROADCAST AND RAKED TO COVER ON STEEPER THAN 3:1 SLOPES WHERE

> 6. MULCHING REQUIREMENT AND APPLICATION: 2.0 TONS PER ACRE NATIVE HAY MECHANICALLY CRIMPED

7. ALL STORM DRAIN SHALL BE REINFORCED CONCRETE PIPE ALL CULVERTS SHALL BE PLACED COMPLETE WITH FLARED END SECTIONS. ALL STORM DRAIN FITTINGS AND BENDS SHALL BE PRE-CAST. STORM DRAIN PIPE MAY ALSO BE CORRUGATED METAL OR HDPE, PLACED IN ACCORDANCE WITH EL PASO COUNTY **SPECIFICATIONS** 

8. CONTRACTOR WILL BE RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION MEETING HELD PRIOR TO CONSTRUCTION WITH EPC-PCD, ENGINEER AND CONTRACTOR IN ATTENDANCE.

9. CONTRACTOR IS RESPONSIBLE FOR ALL OF HIS OPERATIONS ON THE SITE. CONTRACTOR SHALL OBSERVE ALL SAFETY AND OSHA REGULATIONS DURING CONSTRUCTION OPERATIONS. TRENCH WIDTHS AND SLOPE ANGLES SHALL BE DETERMINED BY THE CONTRACTOR IN THE FIELD AND ACCORDING TO SAFETY AND OSHA REGULATIONS.

10. ALL NECESSARY PERMITS, SUCH AS SWMP, FUGITIVE DUST, ACCESS, C.O.E. 404, ESQCP PERMIT, ETC. SHALL BE OBTAINED PRIOR TO CONSTRUCTION

#### COMPANIES AND AGENCIES

#### OWNER/DEVELOPER

MOUNTAIN VIEW RANCHES LLC 277 LOCUST ST, SUITE A DOVER, NH 03820 (321) 213-7496

### ENGINEER

M.V.E., INC. 1903 I FLARAY STREET COLORADO SPRINGS, CO 80909 (719) 635-5736

#### EL PASO COUNTY PLANNING

EPC PLANNING AND COMMUNITY DEVELOPMENT 2880 INTERNATIONAL CIRCLE, SUITE 110 COLORADO SPRINGS, CO 80910 (719) 520-6300

STREETS AND RIGHTS-OF-WAY **EPC DEPARTMENT OF PUBLIC WORKS** 3275 AKERS DRIVE

COLORADO SPRINGS, CO 80922 (719) 520-6460

#### GEC Checklist Item ee - All sheets must be signed and stamped prior to project approval.

#### **OWNERS STATEMENT**

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

DESIGN ENGINEER'S 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.

DAVID R. GORMAN, P.E. COLORADO NO. 31672 FOR AND ON BEHALF OF M.V.E., INC.

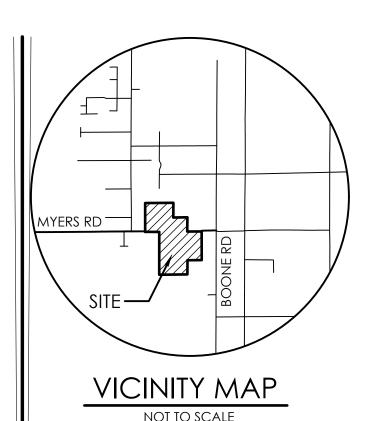
#### **EL PASO COUNTY**

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, 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 DIRECTORS DISCRETION.

JOSHUA PALMER, P.E. NTERIM COUNTY ENGINEER / ECM ADMINISTRATOR



BENCHMARK HORIZONTAL COORDINATES AND BEARINGS ARE BASED ON THE NORTH LINE OF SECTION 10, T17S, R61W, 6TH P.M., BEARING \$89°11'11'W, 5184.96'

NW COR SEC 10 (N=1,279,610,79', E=3,365,769.45') NE COR SEC. 10 (N=1.279.684.41, E=3.370.953.881)

VERTICAL ELEVATIONS ARE NAVD 88 GEOID 12B

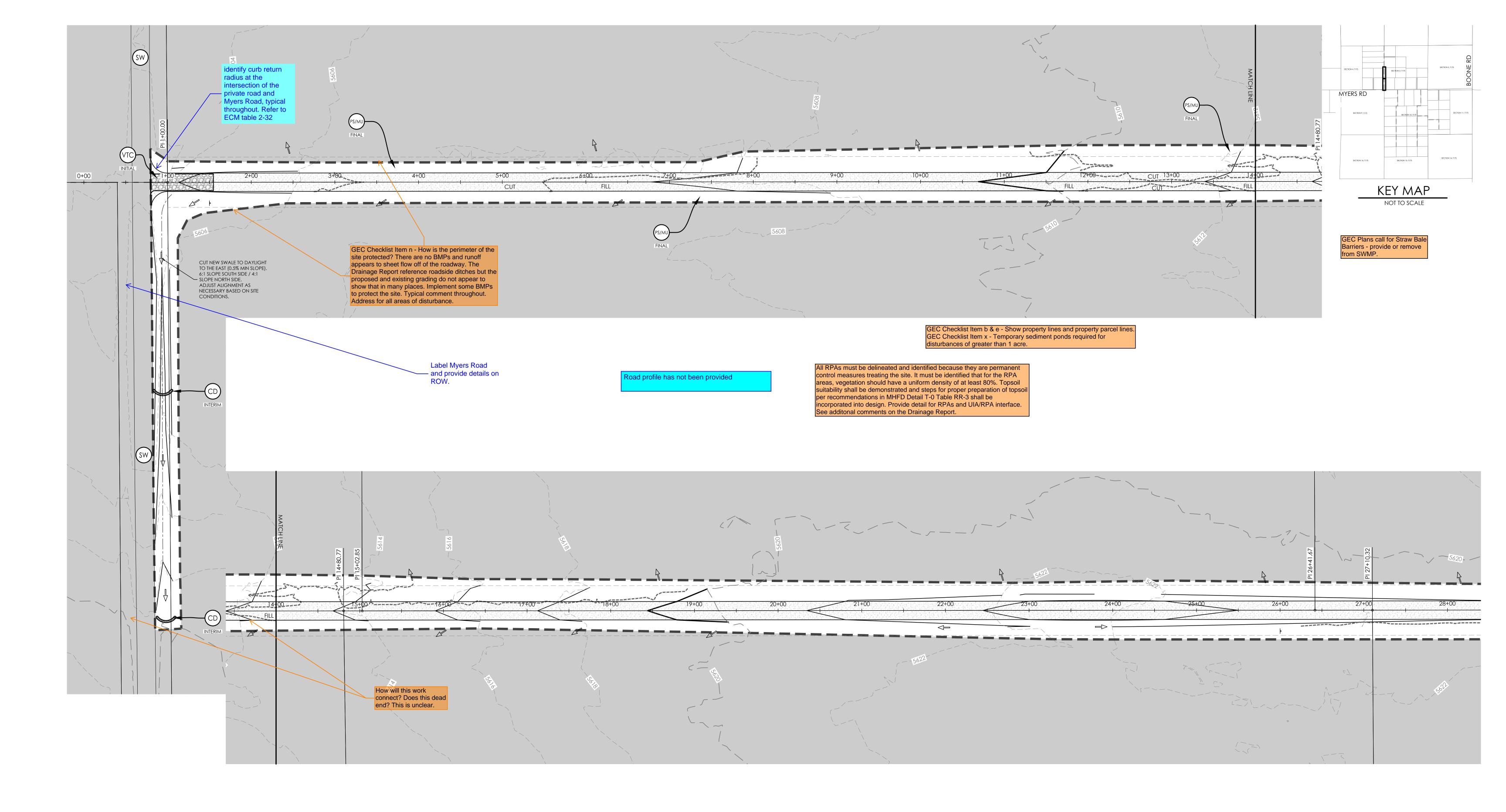
REVISIONS

DESIGNED BY DRAWN BY CHECKED BY AS-BUILTS BY CHECKED BY

MEADOW RANCH II & III

GRADING & EROSION **COVER SHEET** 

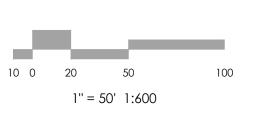
MVE DRAWING GEC-CS



HORIZONTAL COORDINATES AND BEARINGS ARE BASED ON THE NORTH LINE OF SECTION 10, T17S, R61W, 6TH P.M., BEARING \$89°11'11'W, 5184.96'.

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**MVE PROJECT** 

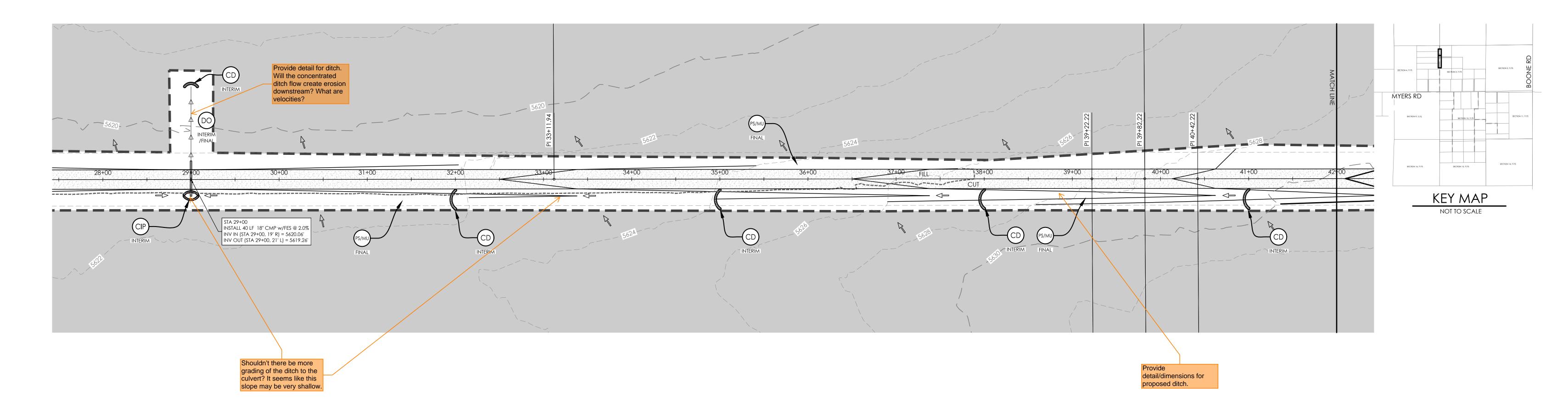
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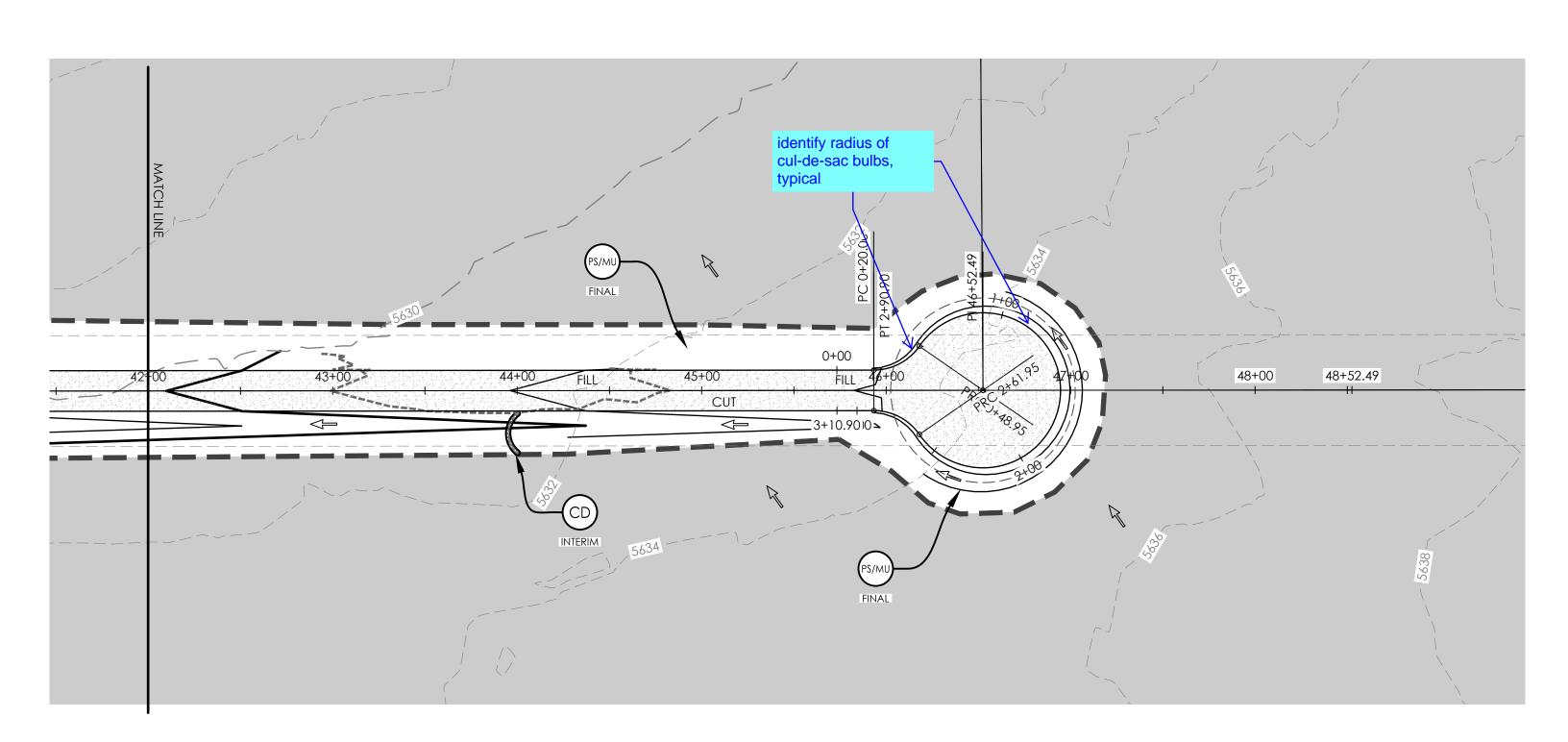
**APRIL 17, 2024** DESIGNED BY DRAWN BY CHECKED BY AS-BUILTS BY

HOWIE POINT (NORTH 1) FROM STA 0+00.00

TO STA 28+00.00

SHEET 2 OF 12

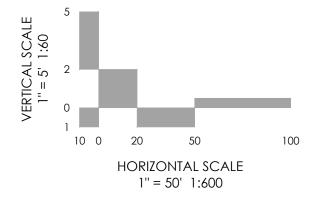


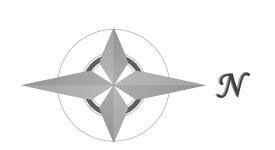


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MVE PROJECT REVISIONS MVE DRAMA 209-GEC-PP-N1

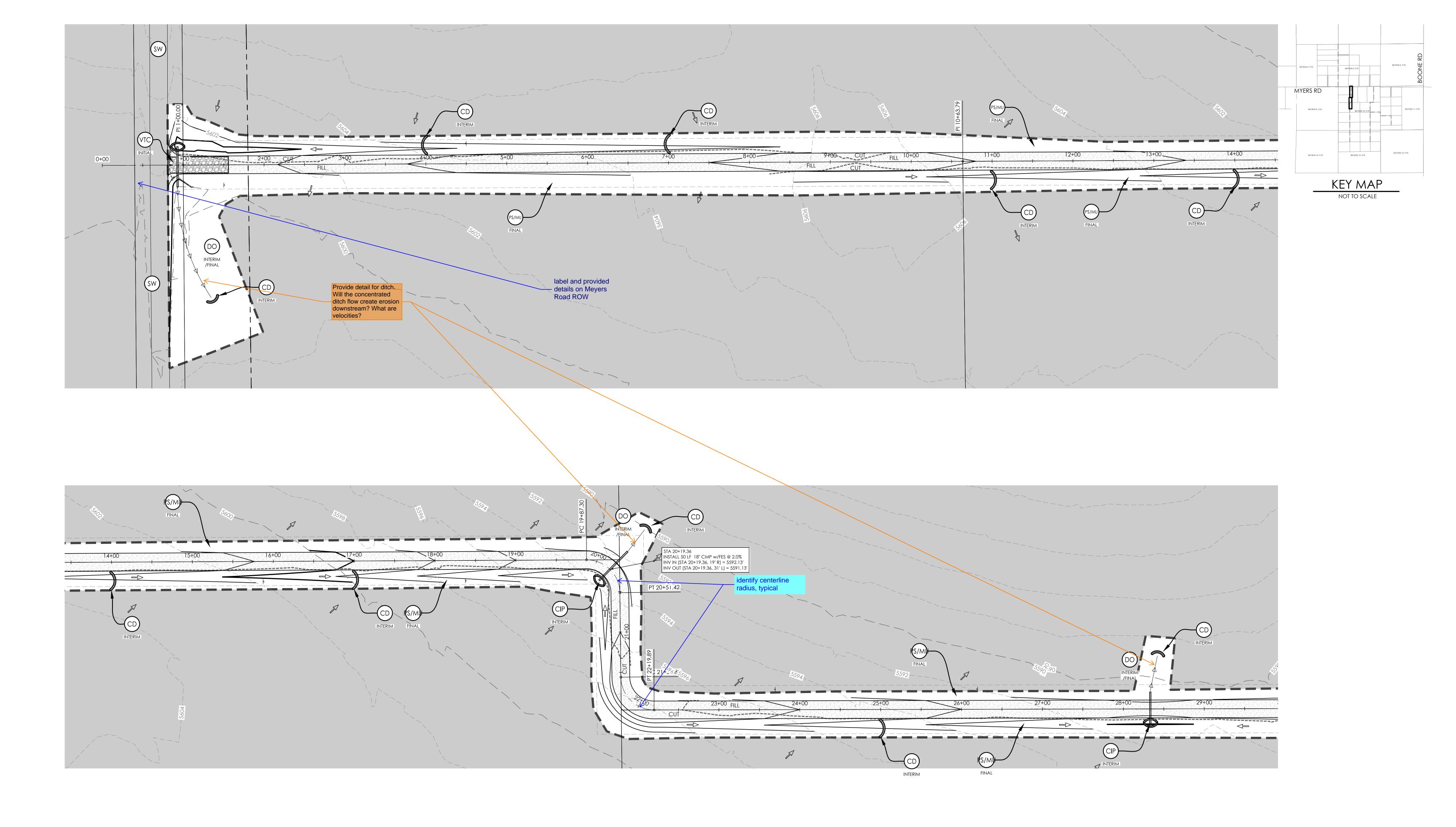
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**HOWIE POINT (NORTH 1)** FROM STA 28+00.00

TO END

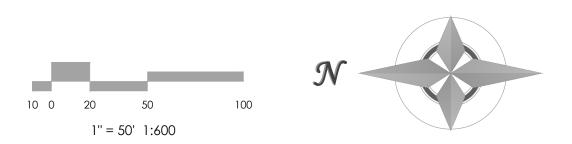
SHEET 3 OF 12



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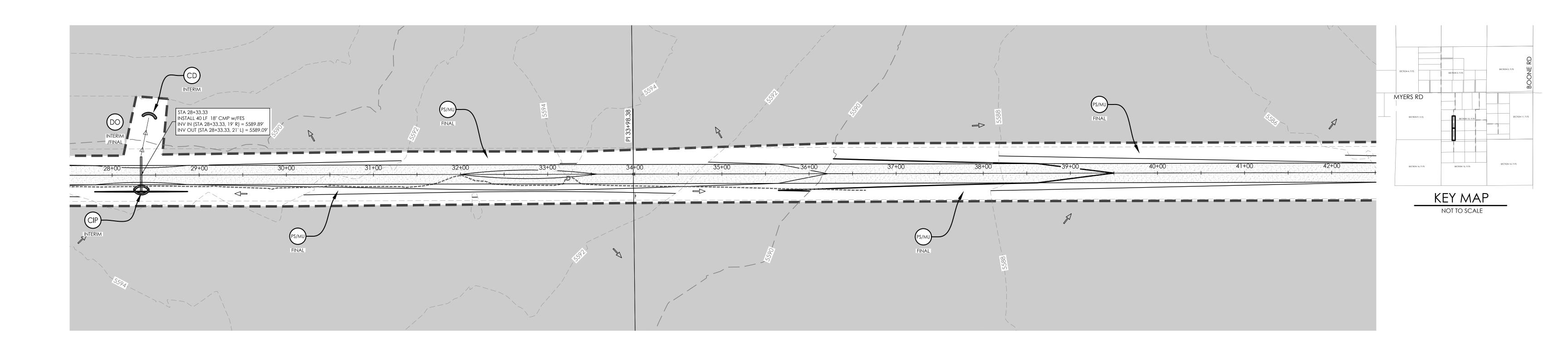
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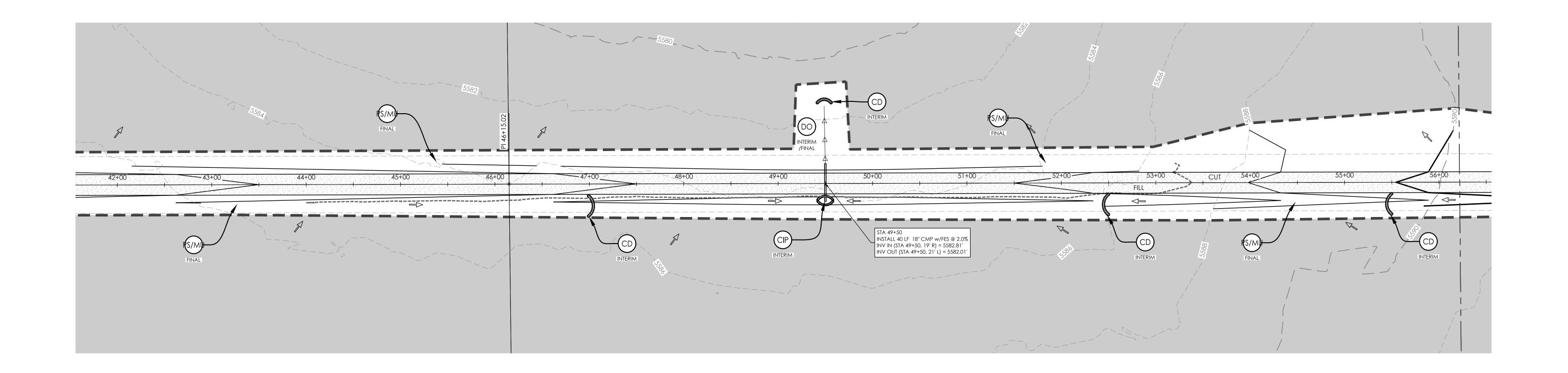
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PRICE HEIGHTS (SOUTH 1) FROM STA 0+00.00

TO STA 28+00.00

SHEET 4 OF 12

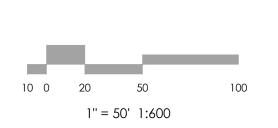


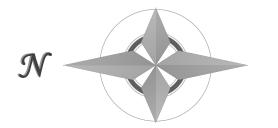


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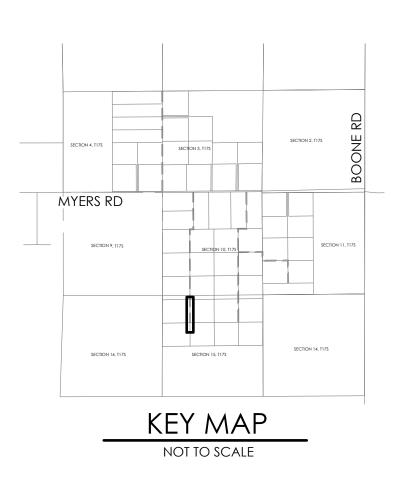
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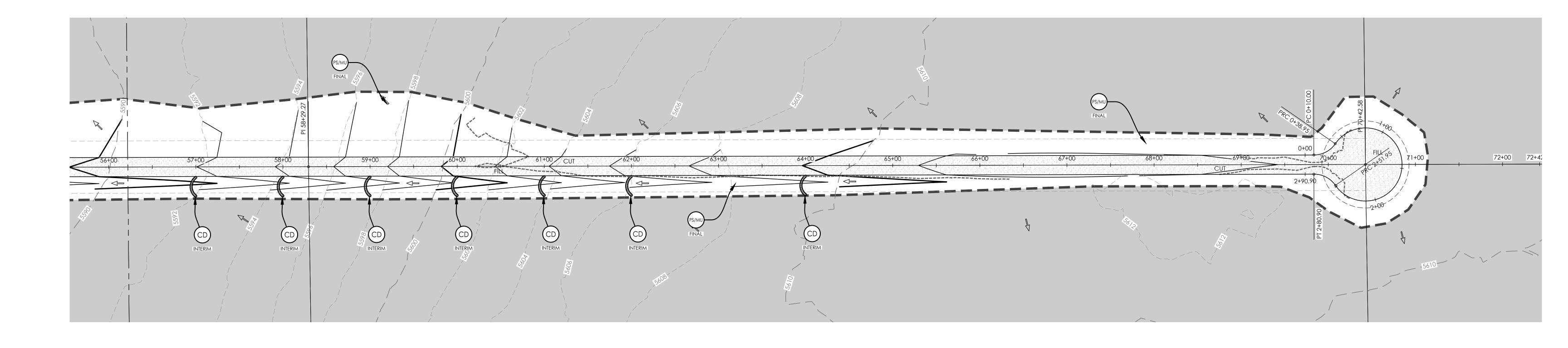
**APRIL 17, 2024** DESIGNED BY DRAWN BY CHECKED BY \_ AS-BUILTS BY
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PRICE HEIGHTS (SOUTH 1) FROM STA 28+00.00

TO STA 56+00.00

SHEET 5 OF 12

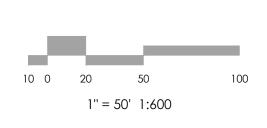


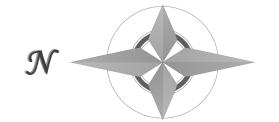


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REVISIONS

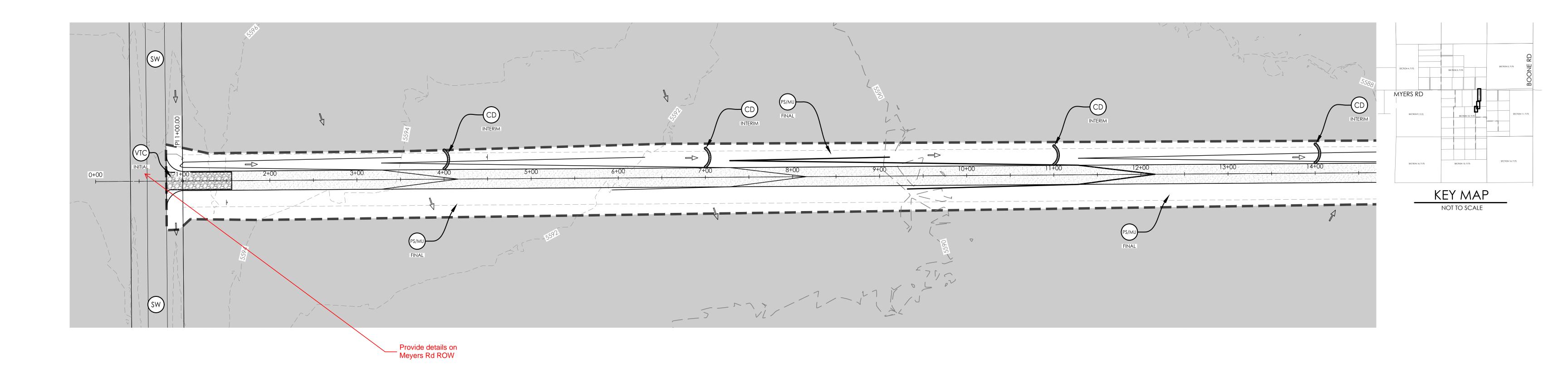
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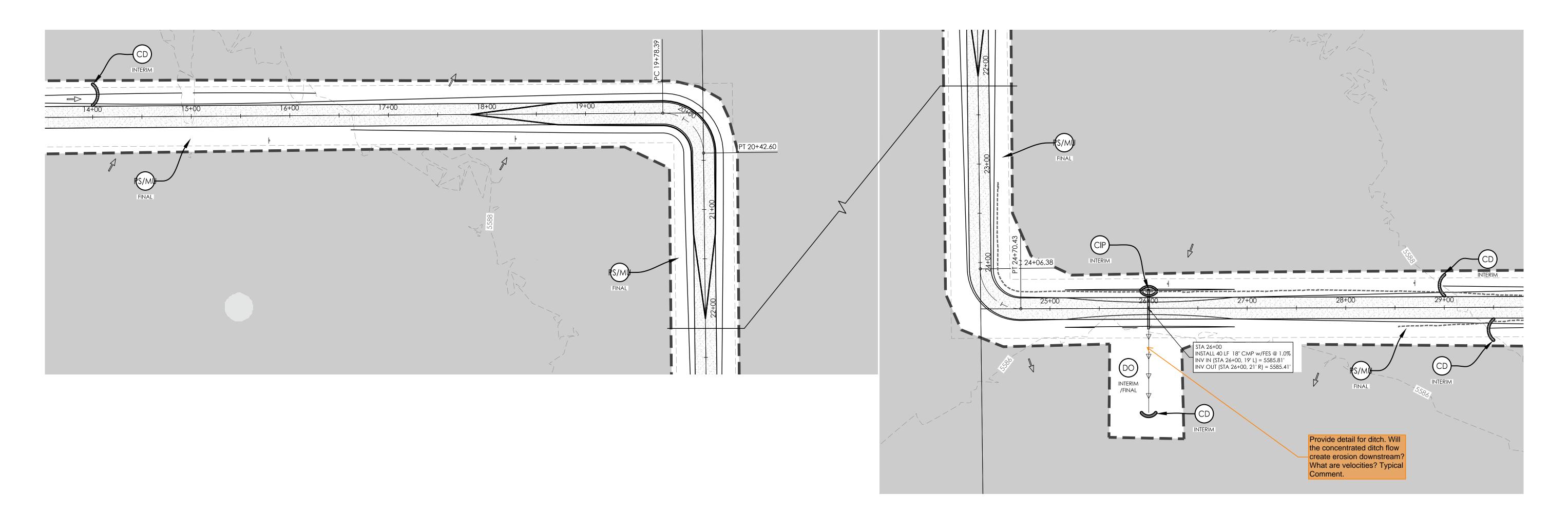
**APRIL 17, 2024** 

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CHECKED BY \_\_\_\_\_ PRICE HEIGHTS (SOUTH 1) FROM STA 56+00.00

TO END

SHEET 6 OF 12

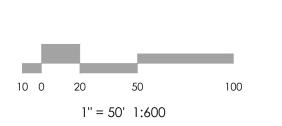


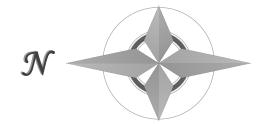


HORIZONTAL COORDINATES AND BEARINGS ARE BASED ON THE NORTH LINE OF SECTION 10, T17S, R61W, 6TH P.M., BEARING S89°11'11'W, 5184.96'.

NW COR SEC 10 (N=1,279,610,79', E=3,365,769.45') NE COR SEC 10 (N=1,279,684.41, E=3,370,953.88')

VERTICAL ELEVATIONS ARE NAVD 88 GEOID 12B







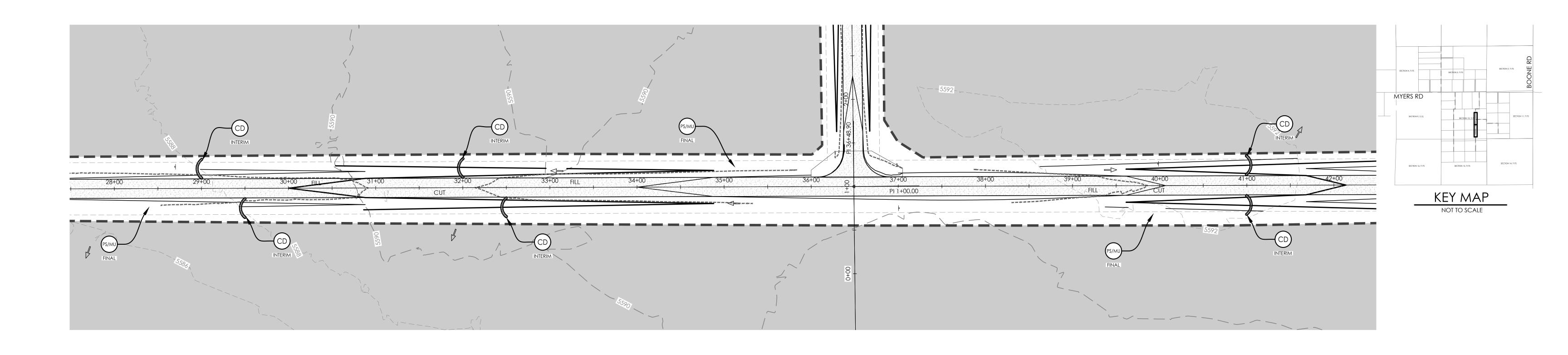
MVE PROJECT REVISIONS MVE DRA 611209-GEC-PP-S2

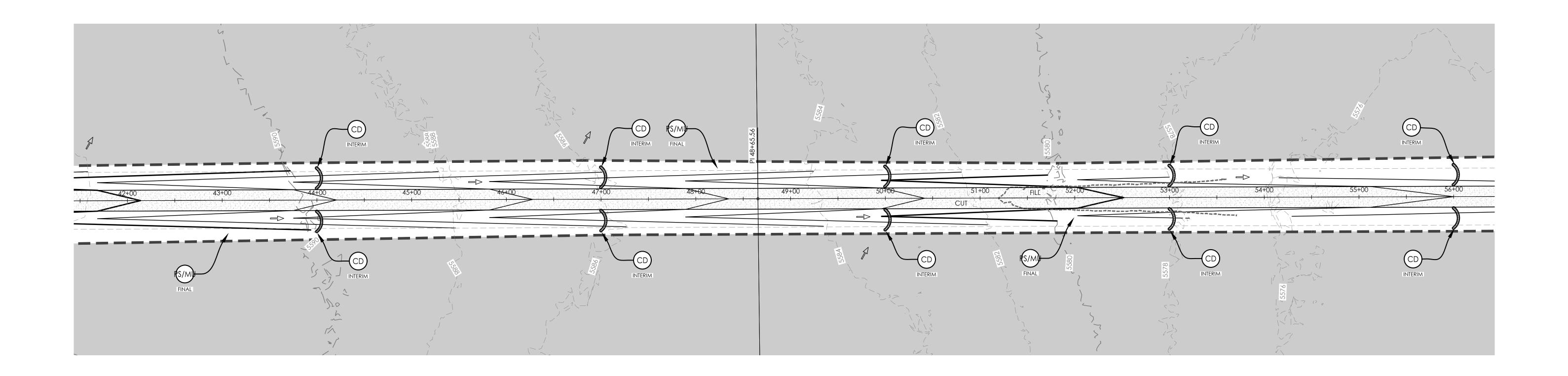
CHECKED BY \_\_\_\_\_

**APRIL 17, 2024** DESIGNED BY DRAWN BY CHECKED BY \_ AS-BUILTS BY

**DESMOND GROVE (SOUTH 2)** 

FROM STA 0+00.00 TO STA 28+00.00

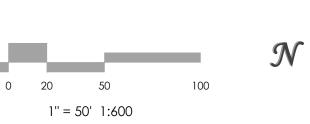




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VERTICAL ELEVATIONS ARE NAVD 88 GEOID 12B







MVE PROJECT MVE DRA 611209-GEC-PP-S2

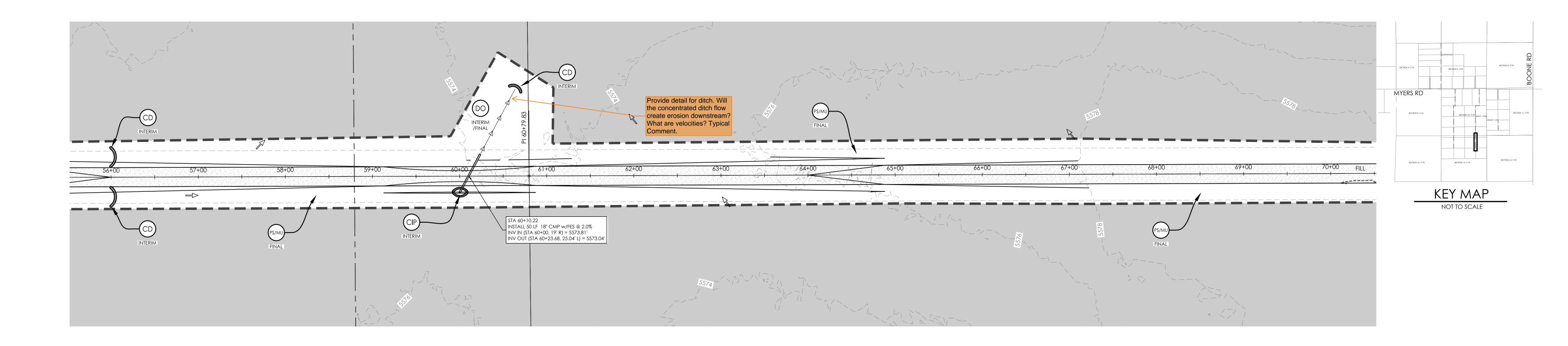
REVISIONS

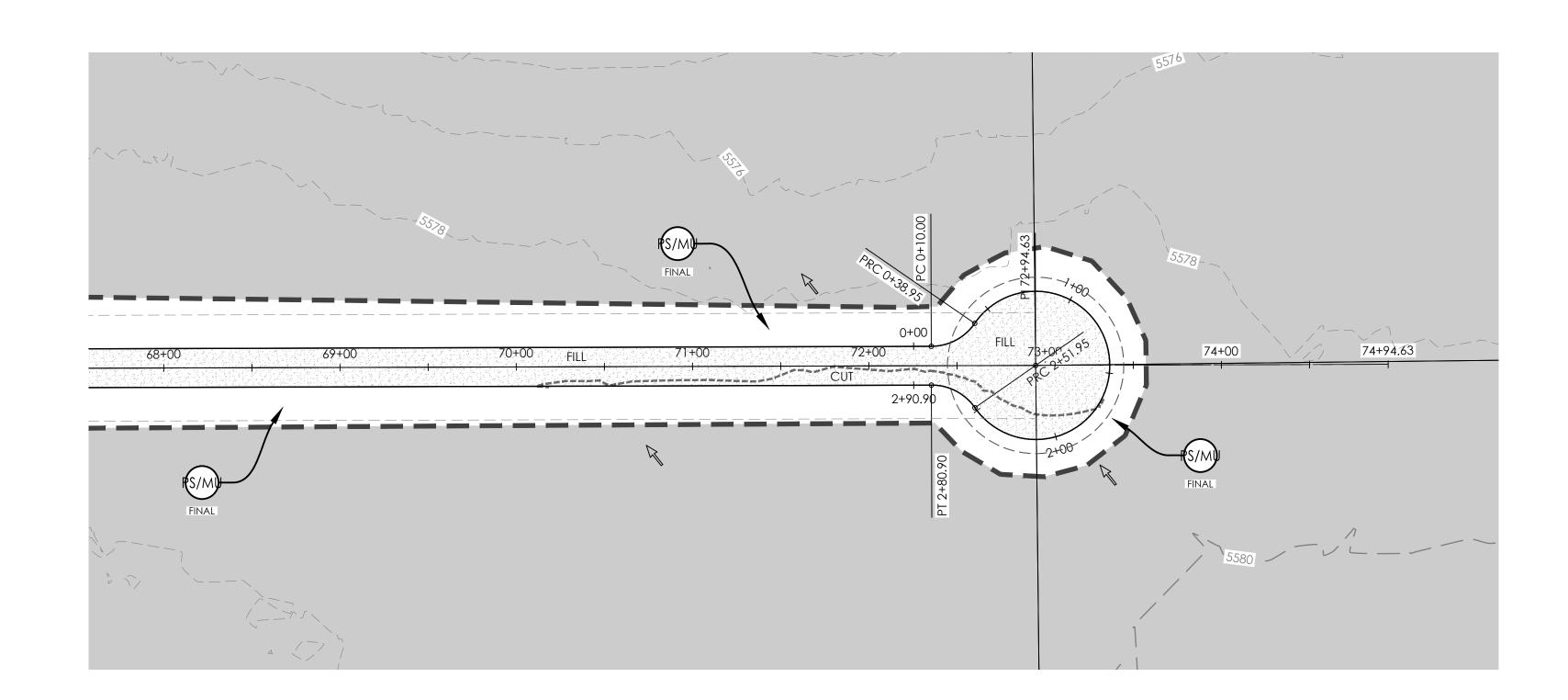
**APRIL 17, 2024** DESIGNED BY DRAWN BY CHECKED BY \_ AS-BUILTS BY
CHECKED BY \_\_\_\_\_

**DESMOND GROVE (SOUTH 2)** 

FROM STA 28+00.00 TO STA 56+00.00

SHEET 8 OF 12

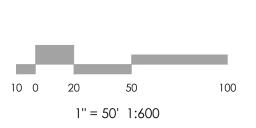


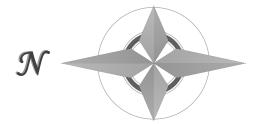


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VERTICAL ELEVATIONS ARE NAVD 88 GEOID 12B







MVE PROJECT MVE DRA 611209-GEC-PP-S2

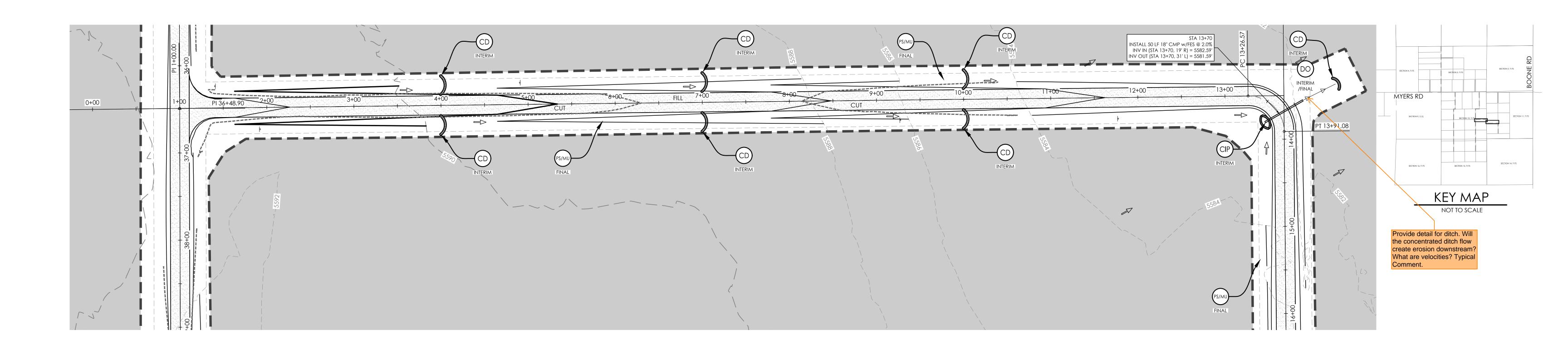
CHECKED BY \_\_\_\_\_

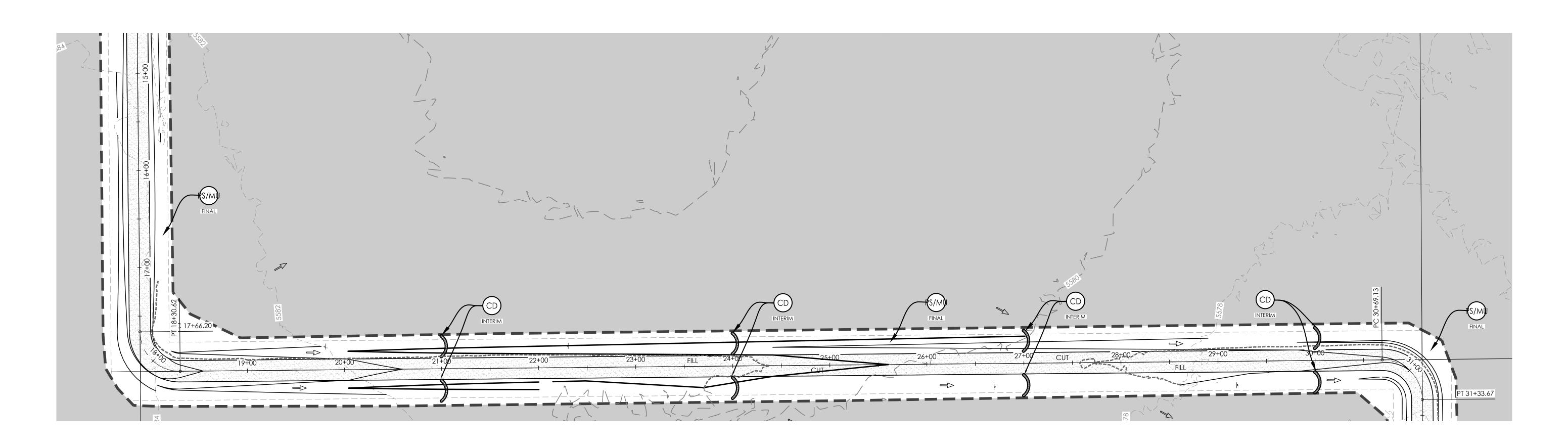
AS-BUILTS BY

**APRIL 17, 2024** DESIGNED BY DRAWN BY CHECKED BY \_

**DESMOND GROVE (SOUTH 2)** FROM STA 56+00.00 TO END

SHEET 9 OF 12

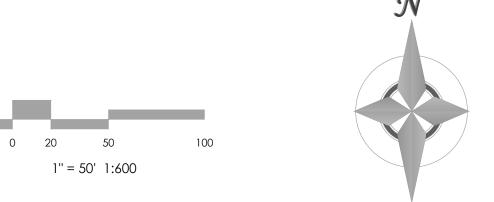




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VERTICAL ELEVATIONS ARE NAVD 88 GEOID 12B





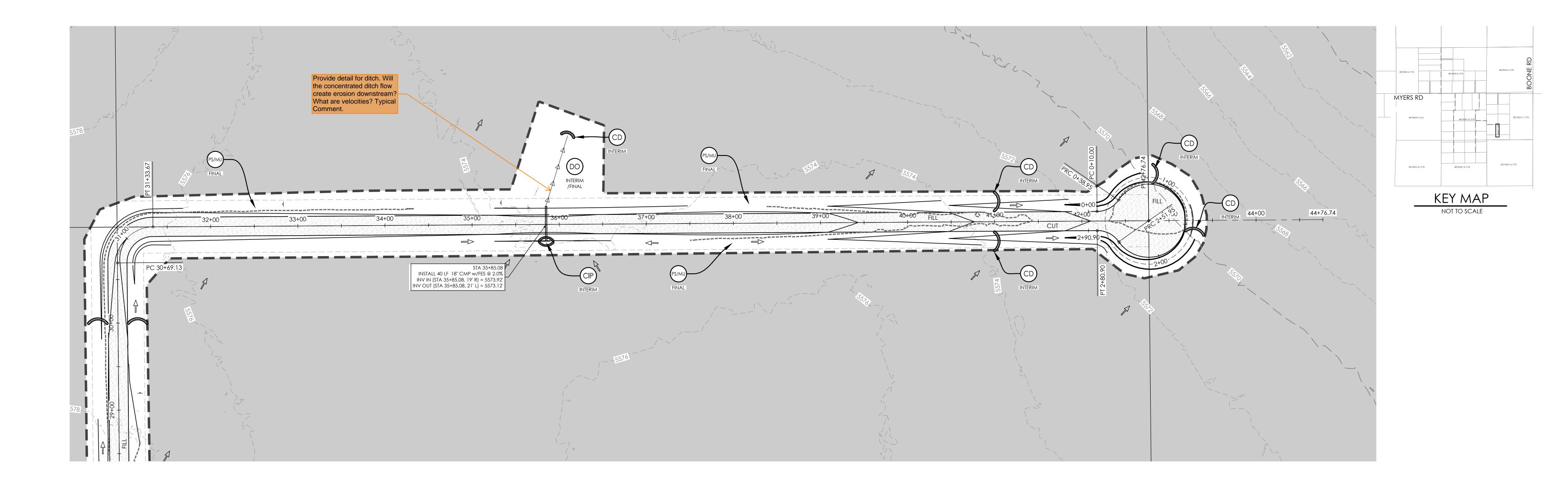
MVE PROJECT REVISIONS MVE DR611209-GEC-PP-S2A

**APRIL 17, 2024** DESIGNED BY DRAWN BY CHECKED BY \_ AS-BUILTS BY
CHECKED BY \_\_\_\_\_

**DEVORSS VIEW (SOUTH 2A)** 

FROM STA 0+00.00 TO STA 14+00.00

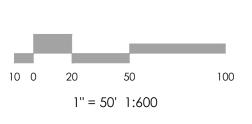
SHEET 10 OF 12

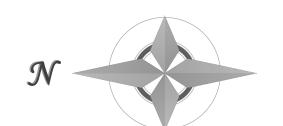


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VERTICAL ELEVATIONS ARE NAVD 88 GEOID 12B







REVISIONS

MVE PROJECT MVE DR611209-GEC-PP-S2A

CHECKED BY \_\_\_\_\_

**APRIL 17, 2024** DESIGNED BY DRAWN BY CHECKED BY \_ AS-BUILTS BY

**DEVORSS VIEW (SOUTH 2A)** 

FROM STA 28+00.00 TO END

SHEET 11 OF 12

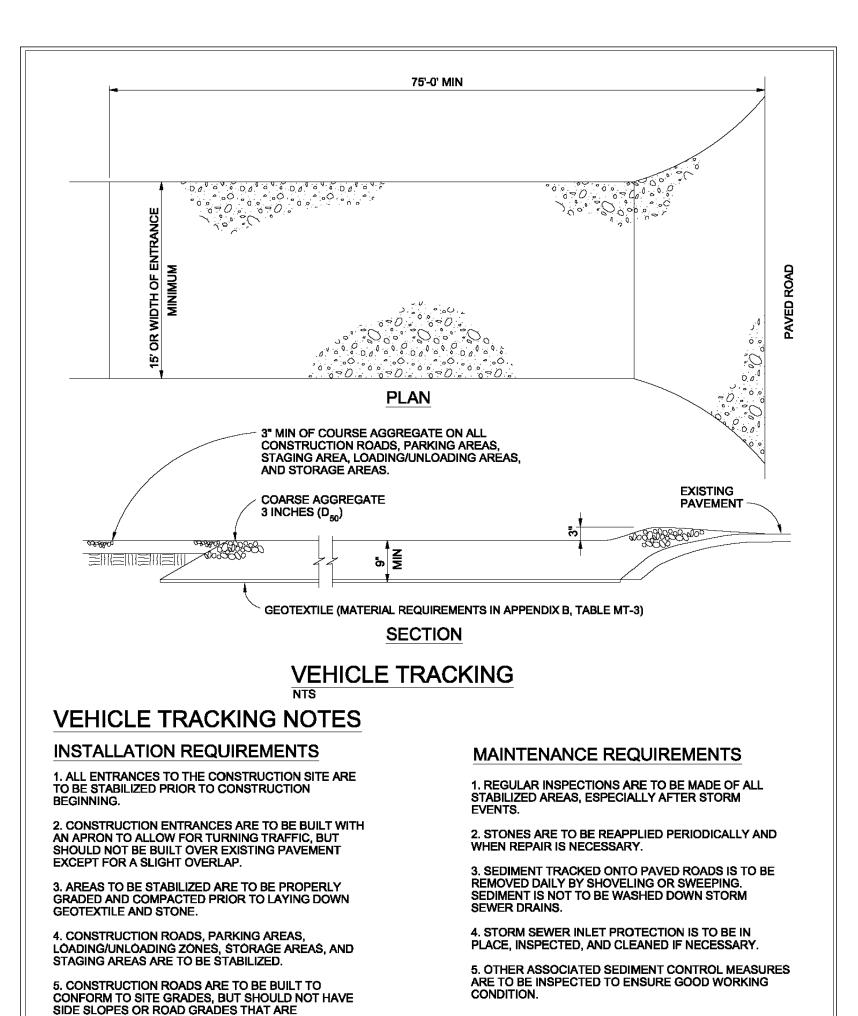


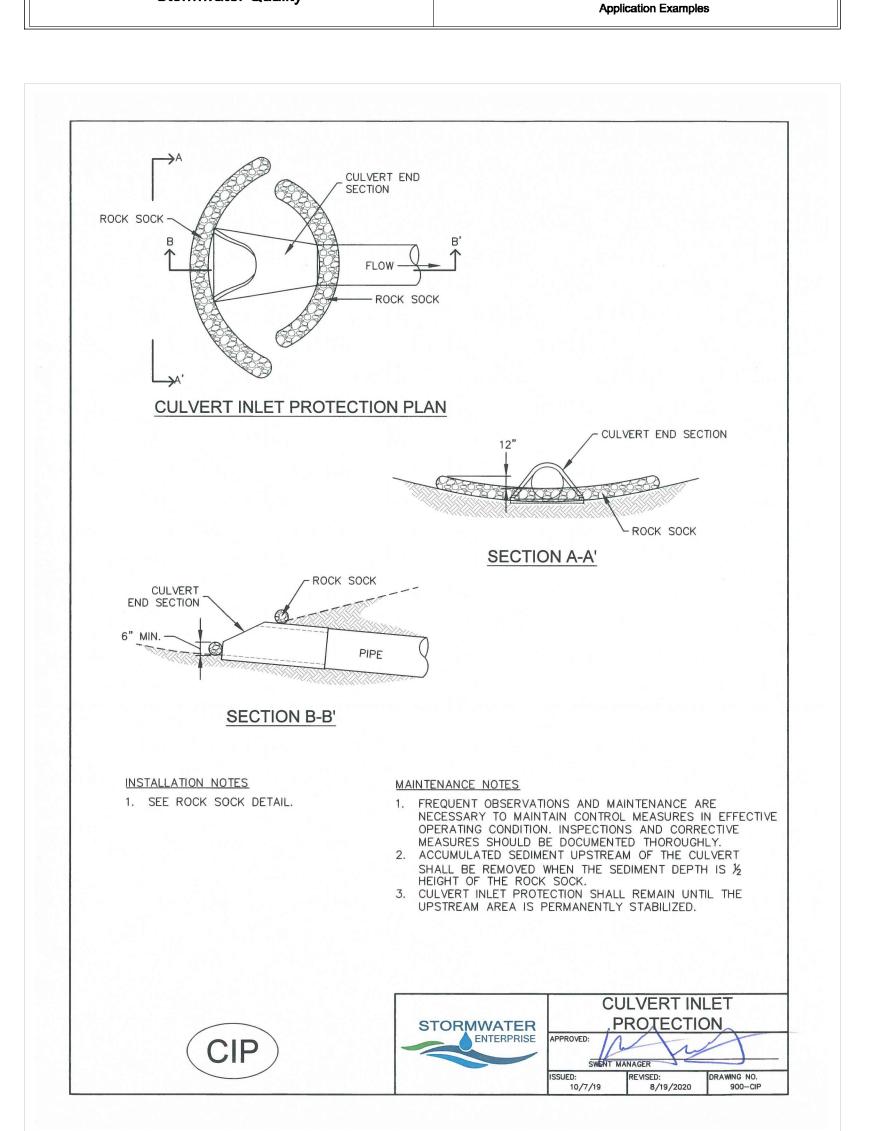
Figure VT-2

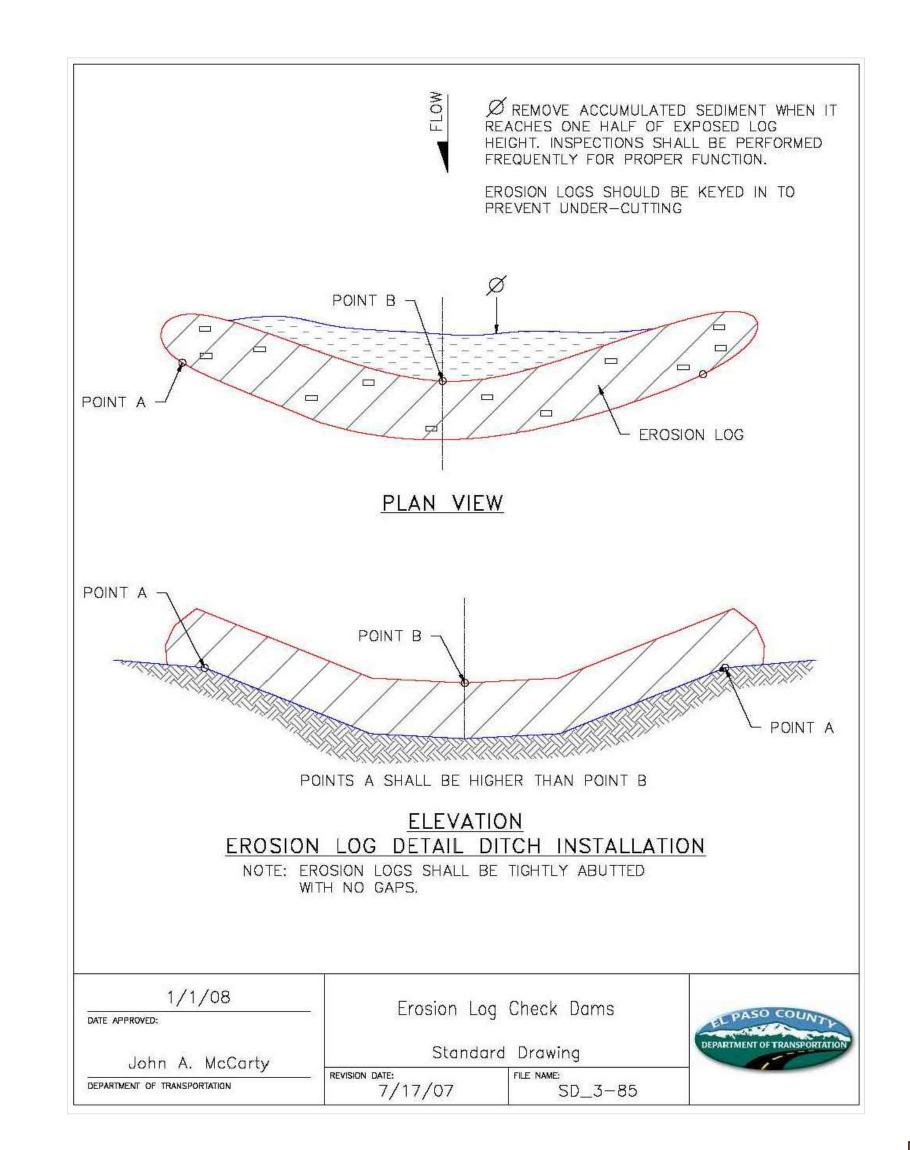
Vehicle Tracking

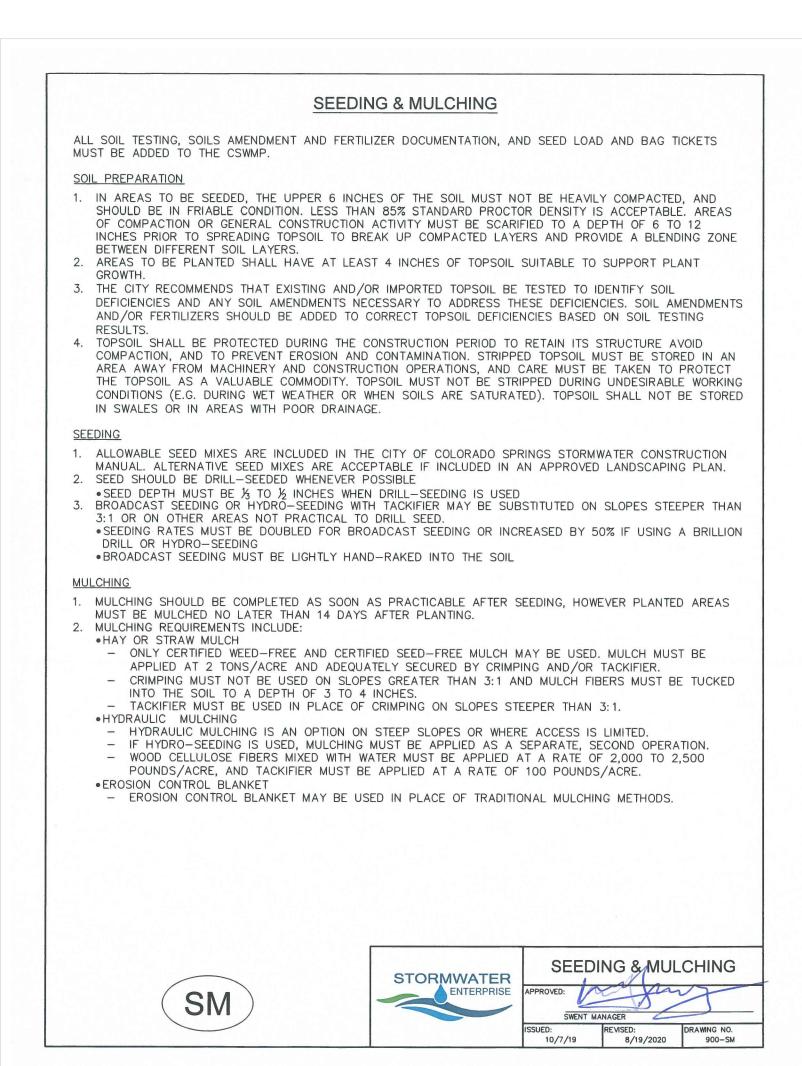
EXCESSIVELY STEEP.

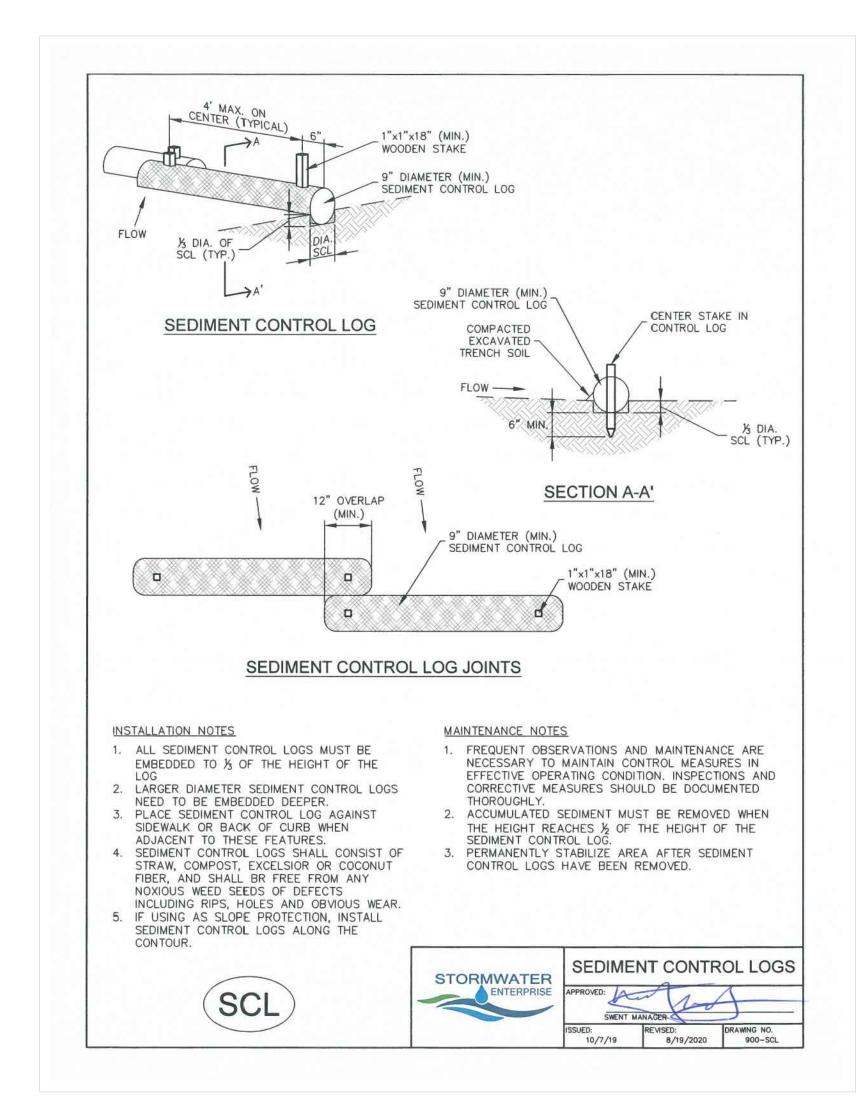
City of Colorado Springs

Stormwater Quality

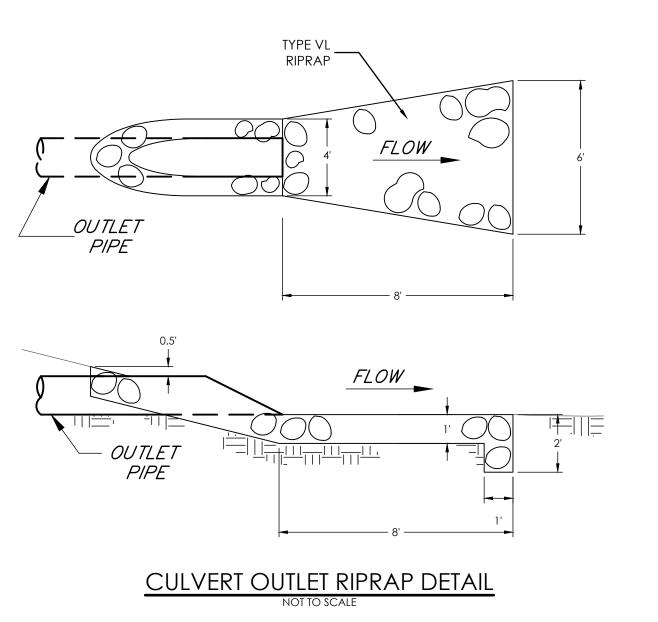


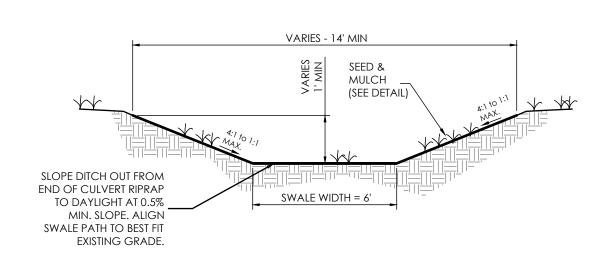




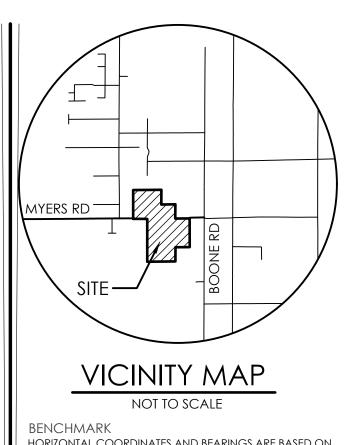


Add details for stabilized staging area, soil stockpiles and TSB details.





"DITCH OUT" SWALE DETAIL



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VERTICAL ELEVATIONS ARE NAVD 88 GEOID 12B



AS-BUILTS BY CHECKED BY

MEADOW RANCH II & III

GRADING & EROSION CONTROL PLAN **COVER SHEET** 

MVE DRAWING GEC-ED

APRIL 17, 2024 **SHEET** 12 **OF** 12



REVISIONS

**DESIGNED BY** DRAWN BY CHECKED BY