

[illegible]

Standard Notes for El Paso County Construction Plans

1. CONTRACTOR SHALL BE RESPONSIBLE FOR THE NOTIFICATION AND FIELD NOTIFICATION OF ALL EXISTING UTILITIES, WHETHER SHOWN ON THE PLANS OR NOT, BEFORE BEGINNING CONSTRUCTION. LOCATION OF EXISTING UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CALL 811 TO CONTACT THE UTILITY NOTIFICATION CENTER OF COLORADO (UNCC).

4. NOTWITHSTANDING ANYTHING DEPICTED IN THESE PLANS IN WORDS OR GRAPHIC REPRESENTATION, ALL DESIGN AND CONSTRUCTION RELATED TO ROADS, STORM DRAINAGE AND EROSION CONTROL SHALL CONFORM TO THE STANDARDS AND REQUIREMENTS OF THE MOST RECENT VERSION OF THE RELEVANT ADOPTED EL PASO COUNTY STANDARDS, 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. ANY MODIFICATIONS NECESSARY TO MEET CRITERIA AFTER-THE-FACT WILL BE ENTIRELY THE DEVELOPER'S RESPONSIBILITY TO RECTIFY.

6. CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH EL PASO COUNTY PLANNING AND COMMUNITY DEVELOPMENT (PCD) – INSPECTIONS, PRIOR TO STARTING CONSTRUCTION.

8. CONTRACTOR SHALL NOT DEVIATE FROM THE PLANS WITHOUT FIRST OBTAINING WRITTEN APPROVAL FROM THE DESIGN ENGINEER AND PCD. CONTRACTOR SHALL NOTIFY THE DESIGN ENGINEER IMMEDIATELY UPON DISCOVERY OF ANY ERRORS OR INCONSISTENCIES.

10. CONTRACTOR SHALL COORDINATE GEOTECHNICAL TESTING PER ECM STANDARDS. PAVEMENT DESIGN SHALL BE APPROVED BY EL PASO COUNTY PCD PRIOR TO PLACEMENT OF CURB AND GUTTER AND PAVEMENT.

12. SIGHT VISIBILITY TRIANGLES AS IDENTIFIED IN THE PLANS SHALL BE PROVIDED AT ALL INTERSECTIONS. OBSTRUCTIONS GREATER THAN 18 INCHES ABOVE FLOWLINE ARE NOT ALLOWED WITHIN SIGHT TRIANGLES.

14. CONTRACTOR SHALL OBTAIN ANY PERMITS REQUIRED BY EL PASO COUNTY DOT, INCLUDING WORK WITHIN THE RIGHT-OF-WAY AND SPECIAL TRANSPORT PERMITS.

15. THE LIMITS OF DISTURBANCE SHALL REMAIN WITHIN THE PROPERTY LINE UNLESS OTHERWISE NOTED. THE OWNER/DEVELOPER SHALL OBTAIN WRITTEN PERMISSION AND EASEMENTS, WHERE REQUIRED, FROM ADJOINING PROPERTY OWNER(S) PRIOR TO ANY OFF-SITE DISTURBANCE, GRADING, OR CONSTRUCTION.

[illegible]

I, the Developer, have read and will comply with all of the requirements specified on this plan.

Filed in accordance with the El Paso County Land Development Code, Drainage Criteria Manual Volumes 1 and 2, and the Engineering Criteria Manual, as amended.

Mr. Ronald Waldthausen - Manager Date

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.

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 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.

JENIFER IRVINE P.E.
COUNTY ENGINEER/ECM ADMINISTRATOR

DATE

———— PROPOSED MAJOR CONTOUR

———— PROPOSED MINOR CONTOUR

— — — — EXISTING MAJOR CONTOUR

----- EXISTING MINOR CONTOUR

U/G PIPE (MATERIAL AND SIZE AS NOTED)

(SF) — SF — SILT FENCE

LIMITS OF CONSTRUCTION

CW CONCRETE WASHOUT

 VEHICLE TRACKING CONTROL STRAW BALE BARRIER

INLET PROTECTION

NAME SHEET #S

GRADING AND EROSION CONTROL COVER	1 OF 8
DRAINAGE, GRADING & EROSION CONTROL PLAN	2 OF 8
OUTLET DETAILS AND NOTES	3 OF 8
EROSION CONTROL DETAILS	4 OF 6
SITE PLAN	5 OF 6
CHANNEL PLAN/PROFILE AND DETAILS	6 OF 6

Add PCD File
"VR1813"

PCD FILE NO. PPR-__ -__

PREPARED BY:

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Suite 102
Colorado Springs, CO 80918
(719) 266-5212
fax: (719) 266-5341

[illegible]

APPALOOSA HIGHWAY 24 SUBDIVISION

FILING NO. 2

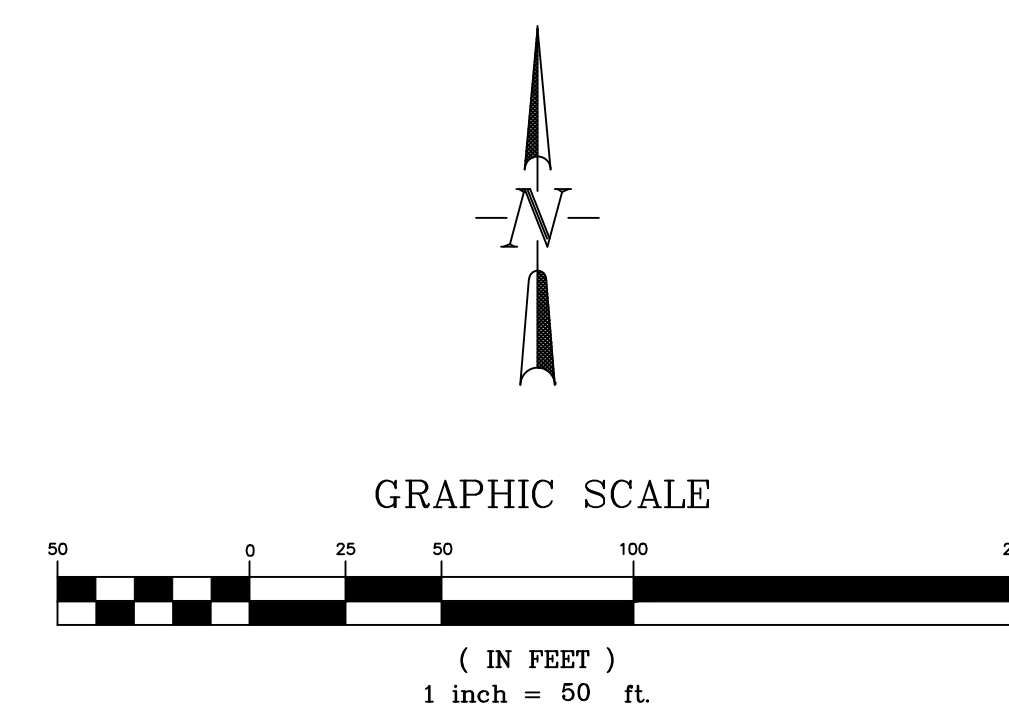
COLORADO SPRINGS, COLORADO

COVER SHEET

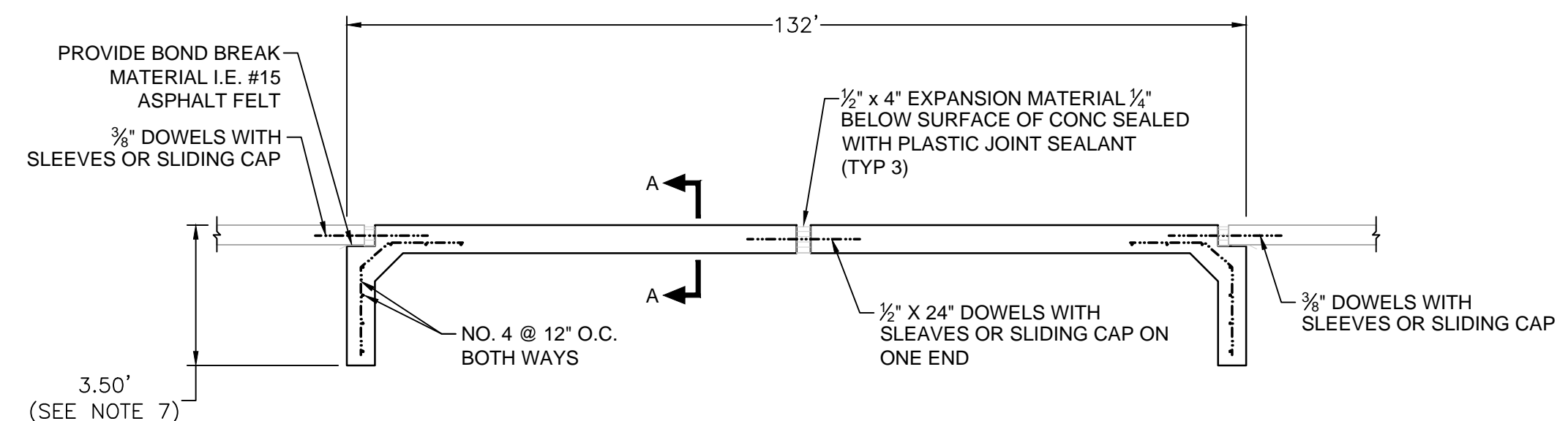
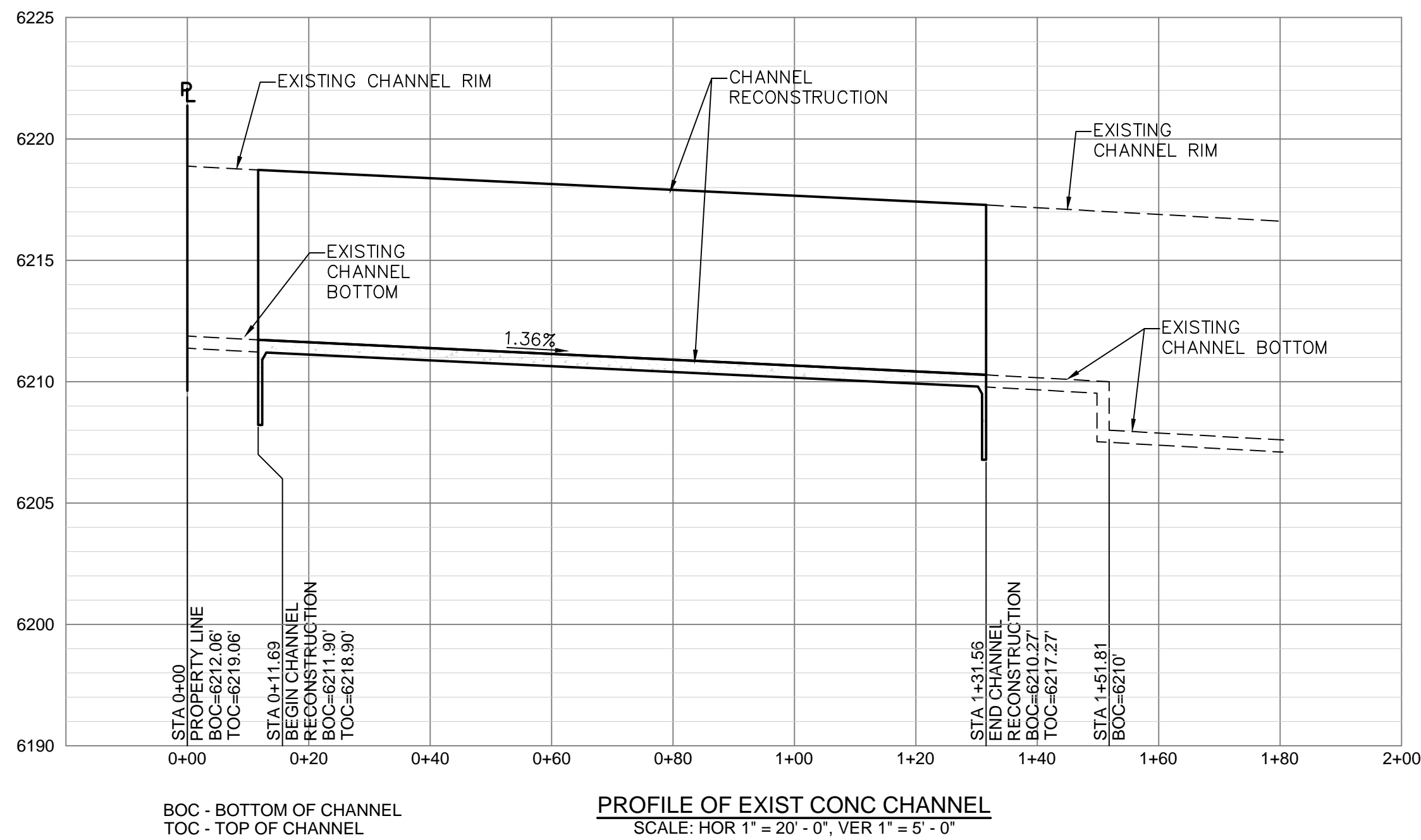
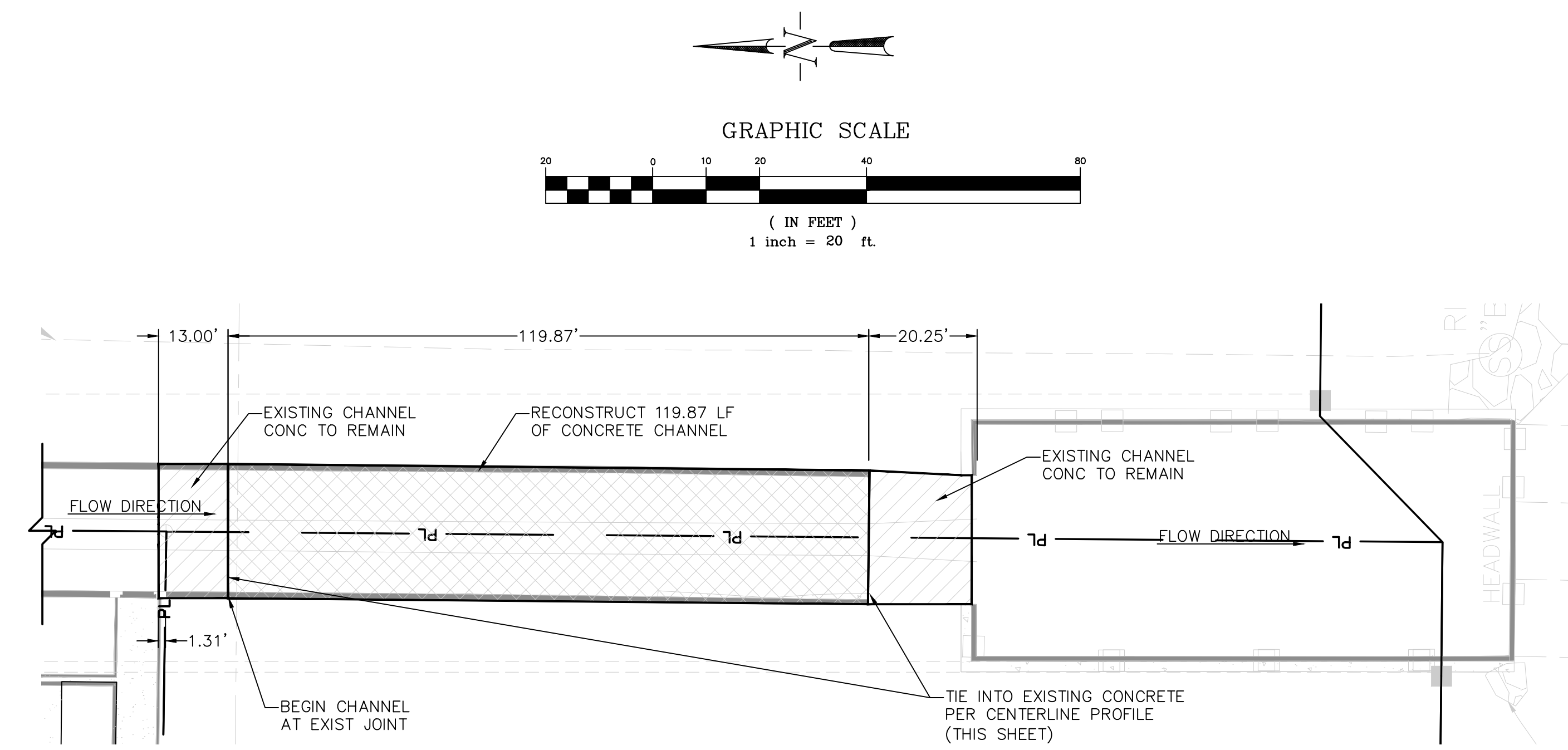
SHEET

1 of 6



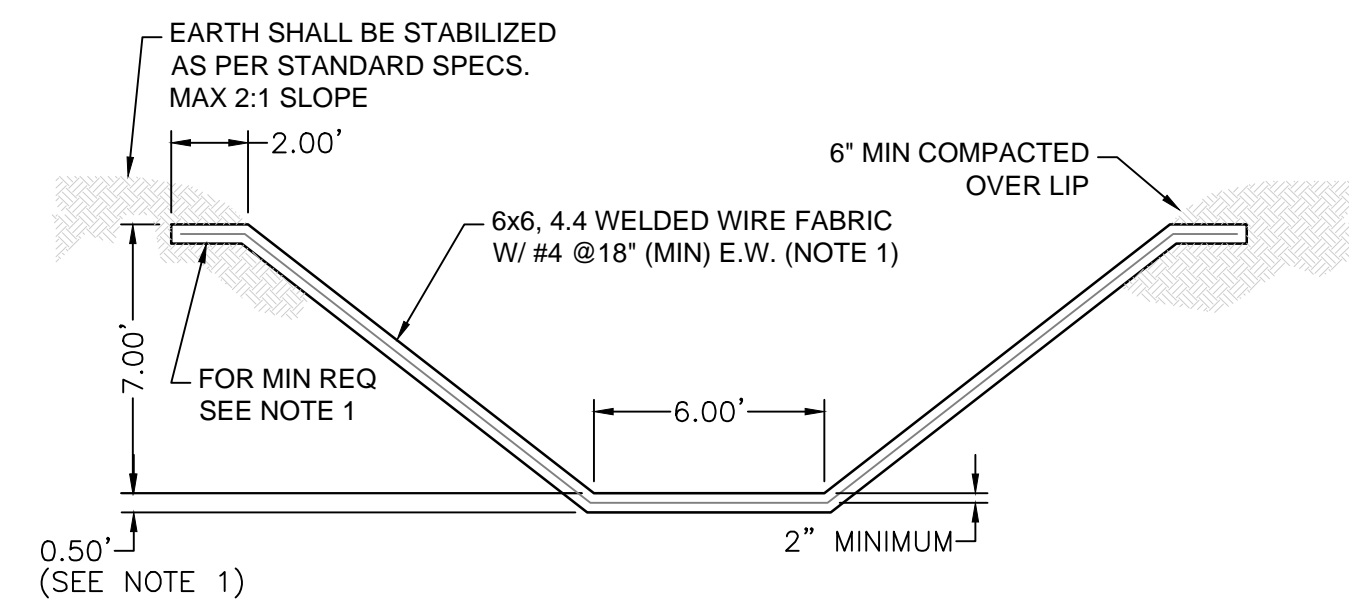


M:\LAND PROJECTS\2016\160504-Appaloosa Sub\DWG\160504-Const.dwg Jim Wed, 05/16/18 1:35 PM



CENTERLINE PROFILE

NOT TO SCALE



SECTION A-A

NOT TO SCALE

NOTES

- 4" CONCRETE CHANNEL WITH 6X6, 4.4 WELDED WIRE FABRIC (WWF). IF B' IS GREATER THAN 4', FLOOR THICKNESS SHALL BE MINIMUM 6" WITH #4 @18"E.W. THIS IS A MINIMUM DESIGN. SOIL INVESTIGATIONS OR DETAILED HYDRAULIC OR STRUCTURAL ANALYSIS MAY DETERMINE THAT GREATER CONCRETE THICKNESS AND/OR REINFORCING STEEL IS REQUIRED.
- 1/2" CONTRACTION JOINTS SHALL BE A MINIMUM OF 20' SPACING UNLESS SPECIFIED OTHERWISE BY THE ENGINEER.
- EXPANSION JOINTS SHALL BE A MAXIMUM OF 100' SPACING UNLESS SPECIFIED OTHERWISE BY THE ENGINEER (SEE D-15).
- CONCRETE SHALL BE TYPE II, 4000 PSI, WITH AIR ENTRAINMENT @ 6% (+1,-2) IN ACCORDANCE WITH SECTIONS 612 AND 613.
- THE SURFACE SHALL BE THAT OF A BROOM FINISH.
- Z = NOT LESS THAN 1.0
- L1 = 3'-6" AND L2 = 6'-0" MIN. IF DESIGN FLOW IS SUPERCRITICAL.
- L1 = 2'-6" AND L2 = 4'-0" MIN. IF DESIGN FLOW IS SUBCRITICAL.
- SEE D-13 WEEP HOLE DETAIL.
- CUT-OFF WALL SPACING TO BE MAX. 200-250 FEET, TYP.

DESIGNED BY
MAB

PROJECT ENGINEER
MAB

PROJECT MANAGER
MAB

DATE: 04/03/18

JOB NO. 160504

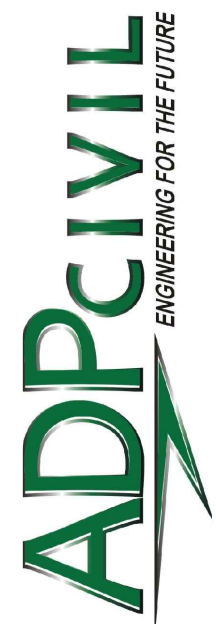
CAD FILE NO. 160504-Const

DRAWN BY HJG

SCALE: 1" = 50'

HORIZ. VERT. NA

PREPARED BY:



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NO.	DATE	REVISION	BY

APPALOOSA HIGHWAY 24 SUBDIVISION

FILING NO. 2

COLORADO SPRINGS, COLORADO

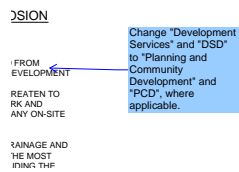
CHANNEL PLAN /PROFILE & NOTES

SHEET

6 of 6

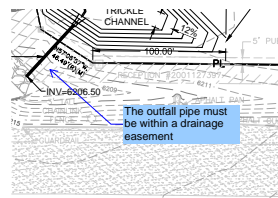
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dsdgrimm (6)



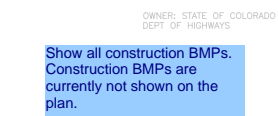
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Change "Development Services" and "DSD" to "Planning and Community Development" and "PCD", where applicable.



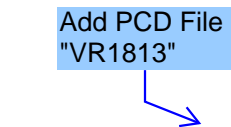
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The outfall pipe must be within a drainage easement



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Author: dsdgrimm
Date: 8/16/2018 4:09:50 PM
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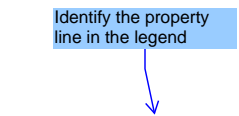
Show all construction BMPs. Construction BMPs are currently not shown on the plan.



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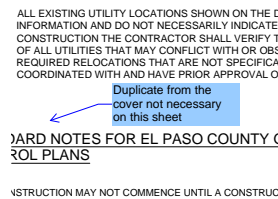
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Identify the property line in the legend

LEGEND:



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Page Label: 3
Author: dsdgrimm
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