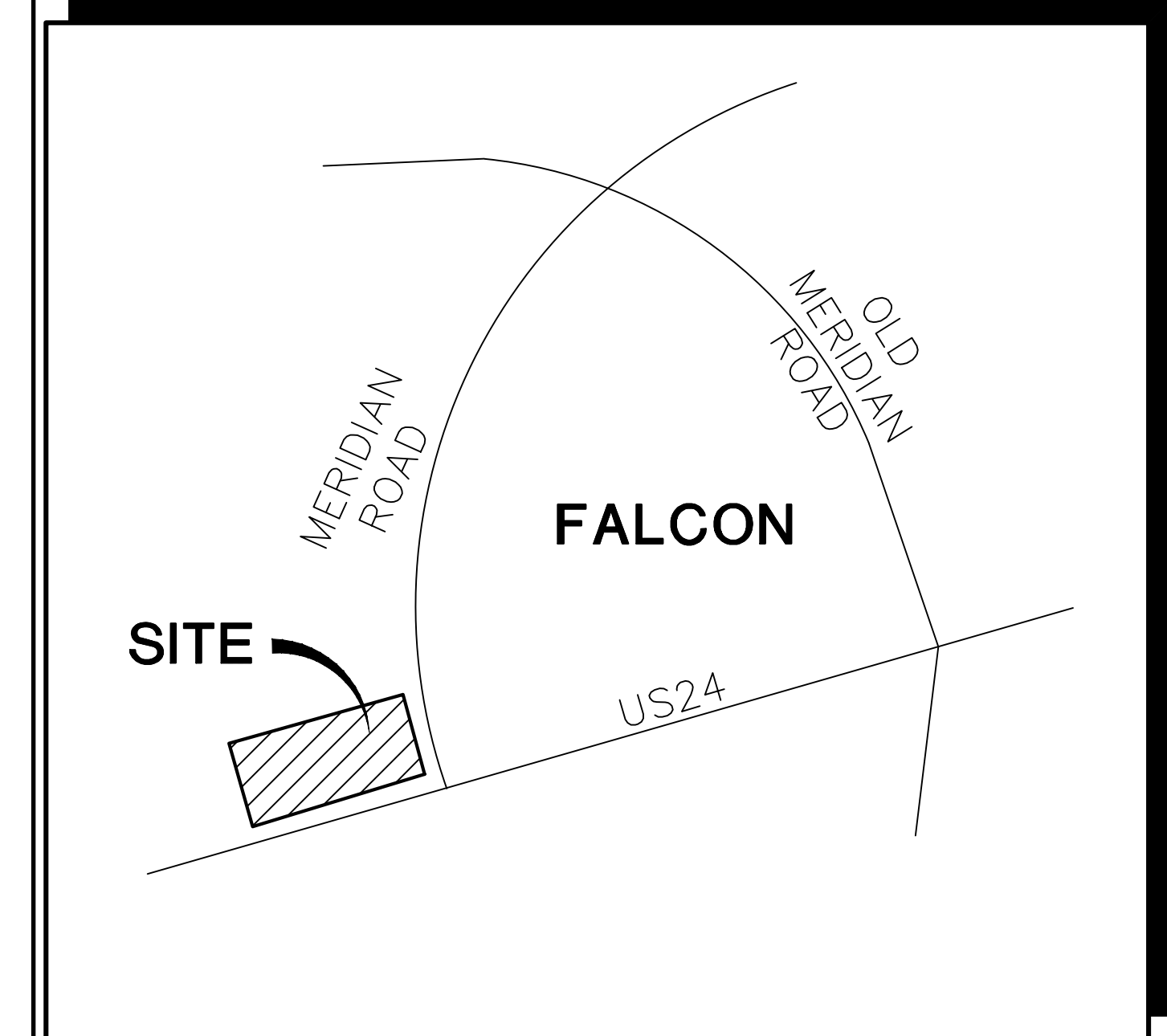
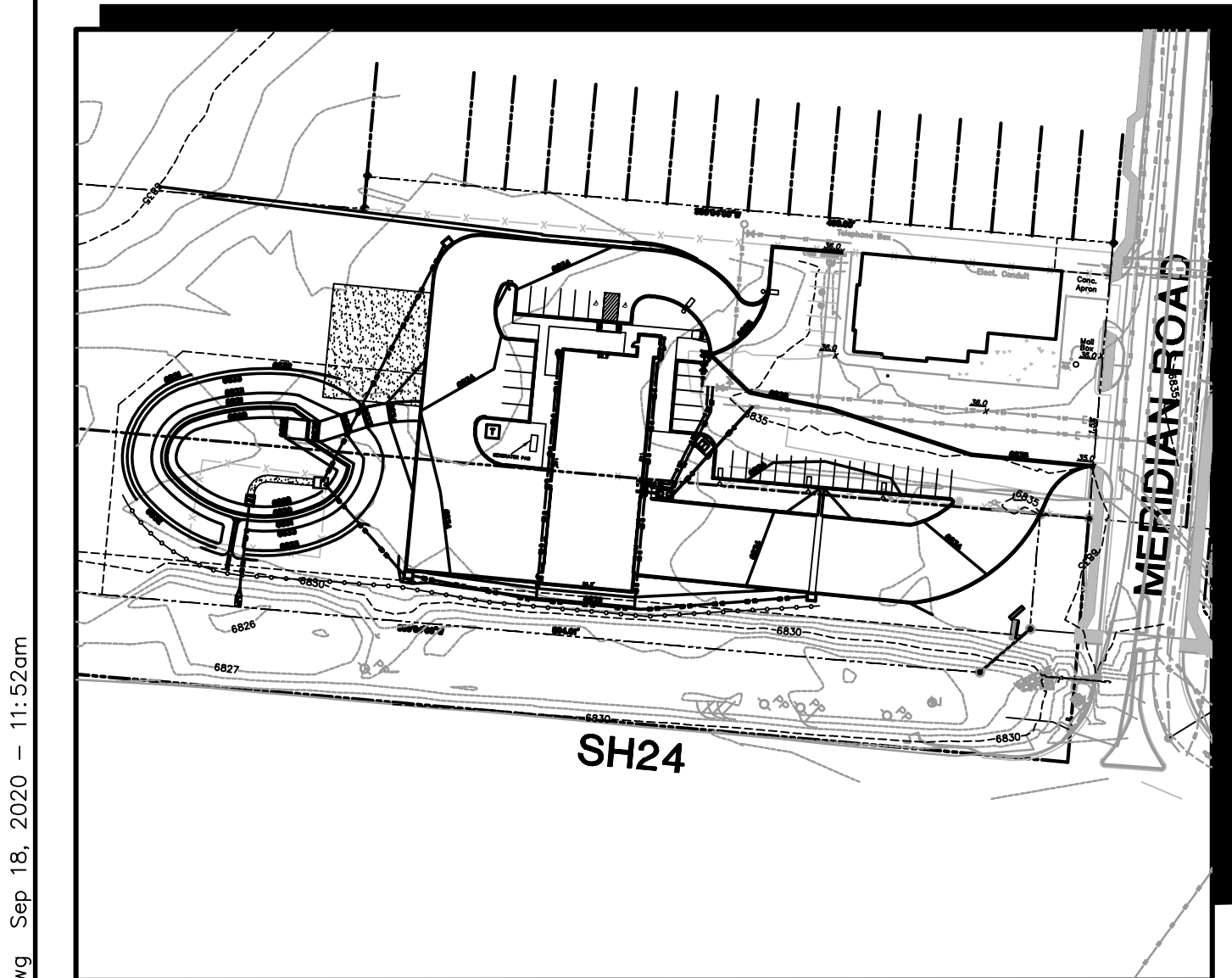


G:\Users\Owner\Dropbox\jpsprojects\042001.falcon-fire-sta-3\dwg\civil\G1 - GEC.dwg Sep 18, 2020 - 11:52am

BENCHMARK:
1.5" ALUM. CAP
POLARIS PLS 27605
EL=6835.03
(NAVD 88)



VICINITY MAP
NOT TO SCALE



SITE MAP
SCALE: 1"=100'

Falcon Fire Station No. 3 Grading & Erosion Control Plans El Paso County, Colorado

PREPARED FOR:
Falcon Fire Protection District
7030 Old Meridian Road
Peyton, CO 80831

PREPARED BY:
**JPS
ENGINEERING**
PREPARED BY:
19 East Willamette Avenue
Colorado Springs, Colorado 80903
September, 2020

AGENCIES/CONTACTS

DEVELOPER:	FALCON FIRE PROTECTION DISTRICT 7030 OLD MERIDIAN ROAD PEYTON, CO 80831 CHIEF TRENT HARWIG (719) 495-4050	GAS DEPARTMENT:	BLACK HILLS ENERGY MR. SEBASTIAN SCHWENDER (719) 399-3176
CIVIL ENGINEER:	JPS ENGINEERING, INC. 19 E. WILLAMETTE AVENUE COLORADO SPRINGS, CO 80903 MR. JOHN P. SCHWAB, P.E. (719) 477-9429	ELECTRIC DEPARTMENT:	MOUNTAIN VIEW ELECTRIC ASSOCIATION 11140 E. WOODMEN ROAD COLORADO SPRINGS, CO 80908 MR. DAVE WALDNER (719) 495-2283
LOCAL ROADS & DRAINAGE:	EL PASO COUNTY PCD 2880 INTERNATIONAL CIRCLE COLORADO SPRINGS, CO 80910 (719) 520-6300	TELEPHONE COMPANY:	CENTURY LINK COMMUNICATIONS (LOCATORS) (800) 922-1987 A.T. & T. (LOCATORS) (719) 635-3674
STATE HIGHWAY	COLORADO DEPARTMENT OF TRANSPORTATION REGION 2 5615 WILLS BLVD. PUEBLO, CO 81008 MR. ARTHUR GONZALES (719) 546-5407		

GEC PLAN SHEET INDEX

G1	TITLE SHEET
C1	SITE GRADING & EROSION CONTROL PLAN
C2.1	CIVIL NOTES & DETAILS
C2.2	EROSION CONTROL NOTES & DETAILS
C2.3	EROSION CONTROL DETAILS
C3.1	DETENTION POND PLAN & DETAILS

ENGINEER:

DESIGN ENGINEER'S STATEMENT:

THESE DETAILED PLANS AND SPECIFICATIONS WERE PREPARED UNDER MY DIRECTION AND SUPERVISION. SAID PLANS AND SPECIFICATIONS HAVE BEEN PREPARED ACCORDING TO THE CRITERIA ESTABLISHED BY THE COUNTY FOR DETAILED ROADWAY, DRAINAGE, GRADING AND EROSION CONTROL PLANS AND SPECIFICATIONS, AND SAID PLANS AND SPECIFICATIONS ARE IN CONFORMITY WITH APPLICABLE MASTER DRAINAGE PLANS AND MASTER TRANSPORTATION PLANS. SAID PLANS AND SPECIFICATIONS MEET THE PURPOSES FOR WHICH THE PARTICULAR ROADWAY AND DRAINAGE FACILITIES ARE DESIGNED AND ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I ACCEPT RESPONSIBILITY FOR LIABILITY CAUSED BY NEGLIGENT ACTS, ERRORS OR OMISSIONS ON MY PART IN PREPARATION OF THESE DETAILED PLANS AND SPECIFICATIONS.

JOHN P. SCHWAB, P.E. #29891

DATE

OWNER/DEVELOPER'S STATEMENT:

I, THE OWNER/DEVELOPER HAVE READ AND WILL COMPLY WITH ALL OF THE REQUIREMENTS SPECIFIED IN THESE DETAILED PLANS AND SPECIFICATIONS.

FALCON FIRE PROTECTION DISTRICT
7030 OLD MERIDIAN ROAD
PEYTON, CO 80831

DATE

EL PASO COUNTY:

COUNTY PLAN REVIEW IS PROVIDED ONLY FOR GENERAL CONFORMANCE WITH COUNTY DESIGN CRITERIA. THE COUNTY IS NOT RESPONSIBLE FOR THE ACCURACY AND ADEQUACY OF THE DESIGN, DIMENSIONS, AND/OR ELEVATIONS WHICH SHALL BE CONFIRMED AT THE JOB SITE. THE COUNTY THROUGH THE APPROVAL OF THIS DOCUMENT ASSUMES NO RESPONSIBILITY FOR COMPLETENESS AND/OR ACCURACY OF THIS DOCUMENT.

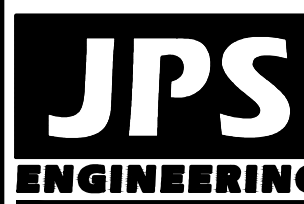
FILED IN ACCORDANCE WITH THE REQUIREMENTS OF THE EL PASO COUNTY LAND DEVELOPMENT CODE, DRAINAGE CRITERIA MANUAL, VOLUMES 1 AND 2, AND ENGINEERING CRITERIA MANUAL AS AMENDED.

IN ACCORDANCE WITH ECM SECTION 1.12, THESE CONSTRUCTION DOCUMENTS WILL BE VALID FOR CONSTRUCTION FOR A PERIOD OF 2 YEARS FROM THE DATE SIGNED BY THE EL PASO COUNTY ENGINEER. IF CONSTRUCTION HAS NOT STARTED WITHIN THOSE 2 YEARS, THEY WILL NEED TO BE RESUBMITTED FOR APPROVAL, INCLUDING PAYMENT OF REVIEW FEES AT THE PLANNING AND COMMUNITY DEVELOPMENT DIRECTOR'S DISCRETION.

JENNIFER IRVINE, P.E.,
COUNTY ENGINEER / ECM ADMINISTRATOR

DATE

PCD FILE NO. PPR-20-24



19 E. Willamette Ave.
Colorado Springs, CO
80903

PH: 719-477-9429
FAX: 719-471-0766
www.jpsengr.com



CALL UTILITY NOTIFICATION
CENTER OF COLORADO
1-800-922-1987
CALL BEFORE YOU DIG. IN ADVANCE
BEFORE YOU DIG, GRADE, OR EXCAVATE
FOR THE MARKING OF UNDERGROUND
MEMBER UTILITIES.

FALCON FIRE STATION NO. 3

GEC PLAN TITLE SHEET

HORZ. SCALE:	N/A	DRAWN:	BJJ
VERT. SCALE:	N/A	DESIGNED:	JPS
SURVEYED:	LDC	CHECKED:	JPS
CREATED:	8/19/20	LAST MODIFIED:	9/18/20
PROJECT NO:	042001	MODIFIED BY:	BJJ

SHEET:

G1

EROSION CONTROL LEGEND: LEGEND:

- VTC VEHICLE TRACKING CONTROL PAD
SF SILT FENCE
SM SEED & MULCH
CWA CONCRETE WASHOUT AREA (TO BE COMPLETELY CONTAINED & REMOVED UPON COMPLETION OF PROJECT)
IP INLET PROTECTION
RR RIPRAP APRON
SSA STABILIZED STAGING AREA
EDB EXTENDED DETENTION BASIN
TSB TEMPORARY SEDIMENT BASIN
OP OUTLET PROTECTION
- PROPOSED PROPERTY LINE
PROPOSED CUT-FILL LINE
EXISTING CONTOURS
PROPOSED CONTOURS
EXISTING SPOT ELEVATIONS
PROPOSED SPOT ELEVATIONS
PROPOSED GRADES
ROOF DRAIN DOWNSPOUTS;
INSTALL TRANSITION COUPLINGS
& CONNECT TO SITE STORM
SEWER W/ 6" PVC SD LATERALS
@ 1.0% MIN. SLOPE (COORDINATE
W/ ARCH / MEP PLANS)
- BENCHMARK
ASPHALT MILLINGS

SWMP NOTE:

1. EXISTING VEGETATION
CONSISTS OF NATIVE GRASSES

ESTIMATED EARTHWORK QUANTITY:

UNCLASSIFIED EXCAVATION (TOTAL CUT) = 602 CY
* EMBANKMENT FILL = 4,687 CY
NET (FILL) = 4,085 CY
* (ASSUMES 15% COMPACTION FACTOR)

NOTE: THIS ESTIMATE IS PROVIDED FOR INFORMATION ONLY, REPRESENTING THE CALCULATED BULK EARTHWORK VOLUME TO FINISHED GRADE, EXCLUDING ANY ADJUSTMENT FOR PAVEMENT DEPTHS, ETC. CONTRACTOR SHALL MAKE HIS OWN DETERMINATION OF EARTHWORK QUANTITIES AS BASIS FOR BID PRICING AND NOTIFY ENGINEER OF ANY DISCREPANCIES.

CONTROL MEASURE/BMP PHASING:

INITIAL BMP'S:

- VTC AT OLD MERIDIAN ROAD
- SILT FENCE ALONG DOWNSTREAM EDGE OF GRADING LIMITS
- SEDIMENT BASIN

INTERIM BMP'S:

- INLET PROTECTION
- TEMPORARY SEED & MULCH

FINAL BMP'S:

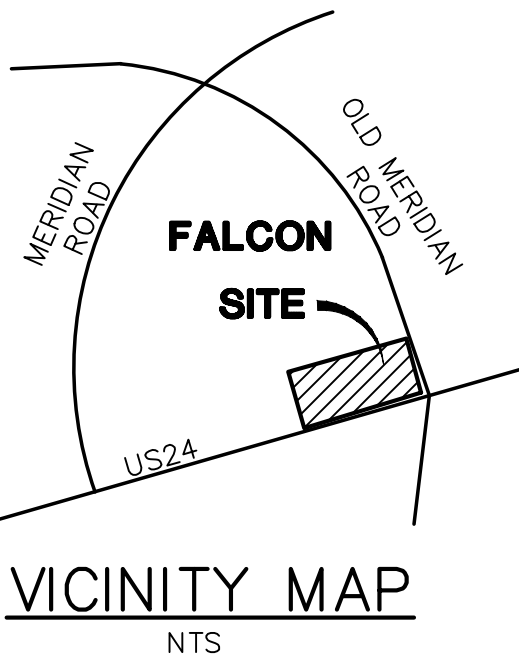
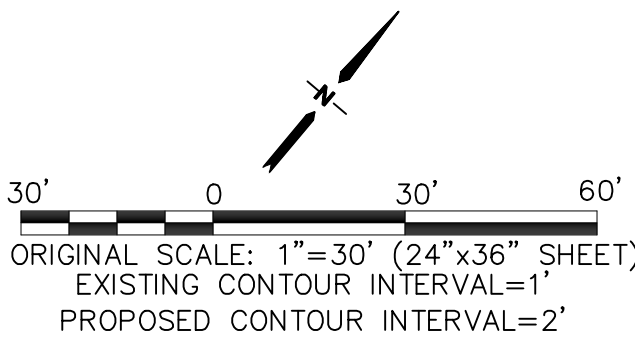
- SEEDING & MULCHING

KEYED NOTES:

- TOPSOIL STRIPPING / STOCKPILE AREA
- 8" CONCRETE PAVEMENT (PER GEOTECHNICAL REPORT)
- PREPARE & COMPACT BUILDING FOUNDATION, SLABS, & PAVEMENT PER PROJECT GEOTECHNICAL REPORT
- CONTRACTOR MAY WASTE EXCESS CUT OR BORROW SUITABLE FILL MATERIAL FROM THIS AREA; MAINTAIN POSITIVE DRAINAGE & MATCH INTO EXISTING GRADES W/ 3:1 MAX. SLOPES
- ASPHALT MILLINGS

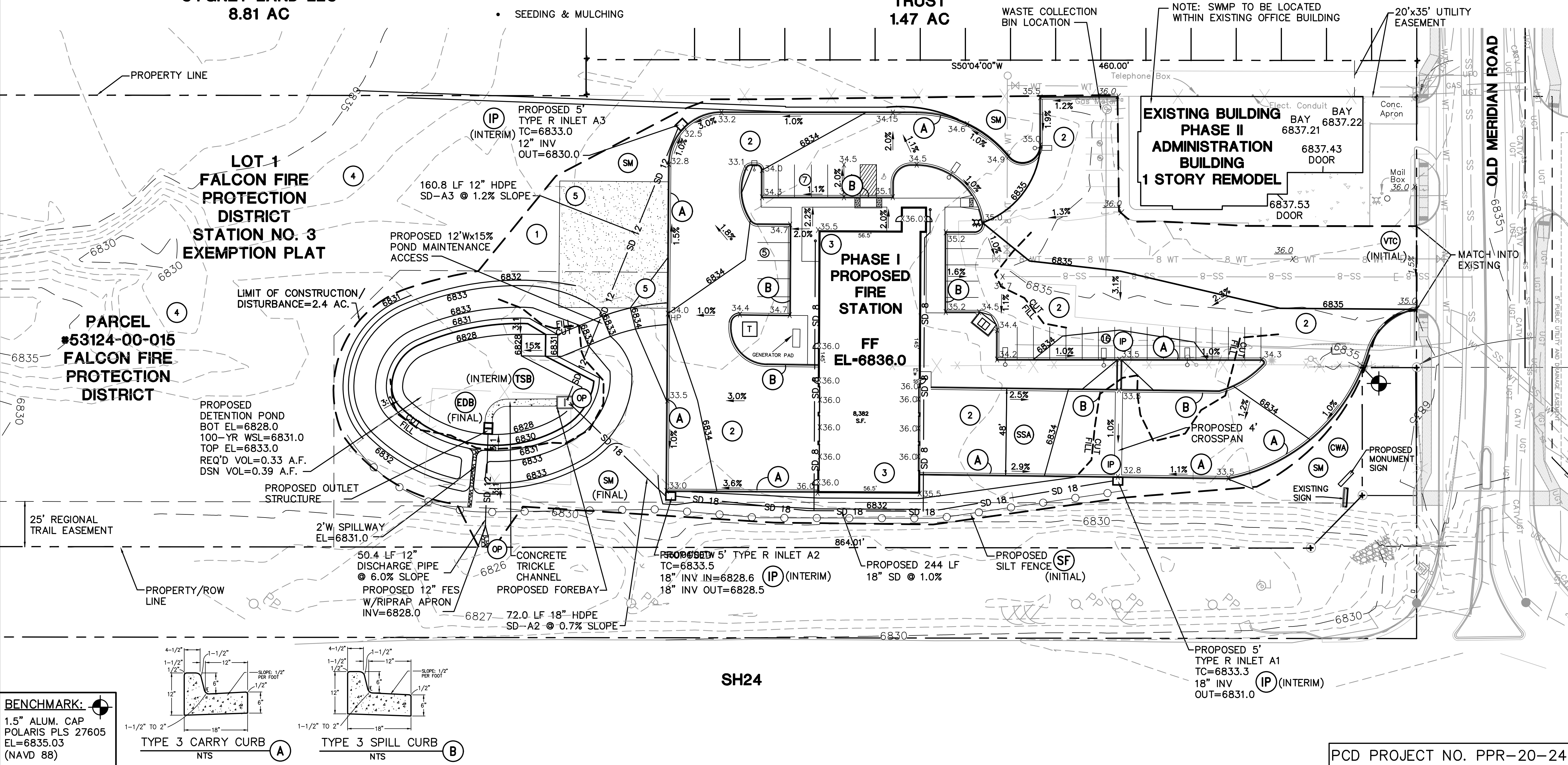
GEC SHEET INDEX

- C1 SITE GRADING & EROSION CONTROL PLAN
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C2.2 EROSION CONTROL NOTES & DETAILS
C2.3 EROSION CONTROL DETAILS
C3.1 DETENTION POND PLAN & DETAILS

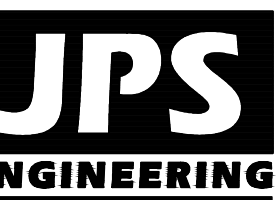


UNPLATTED
PARCEL
#53121-00-008
CYGNET LAND LLC
8.81 AC

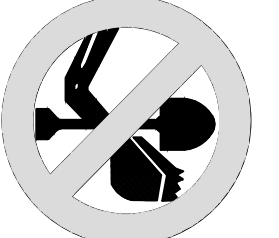
LOTS 1-16
PARCEL
#53121-12-006
SEDLAK FAMILY
TRUST
1.47 AC



FALCON FIRE STATION NO. 3
7030 OLD MERIDIAN ROAD, FALCON, CO 80831



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80903
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www.jpsengr.com



BY DATE
JPS 7/17/20
JPS 9/18/20

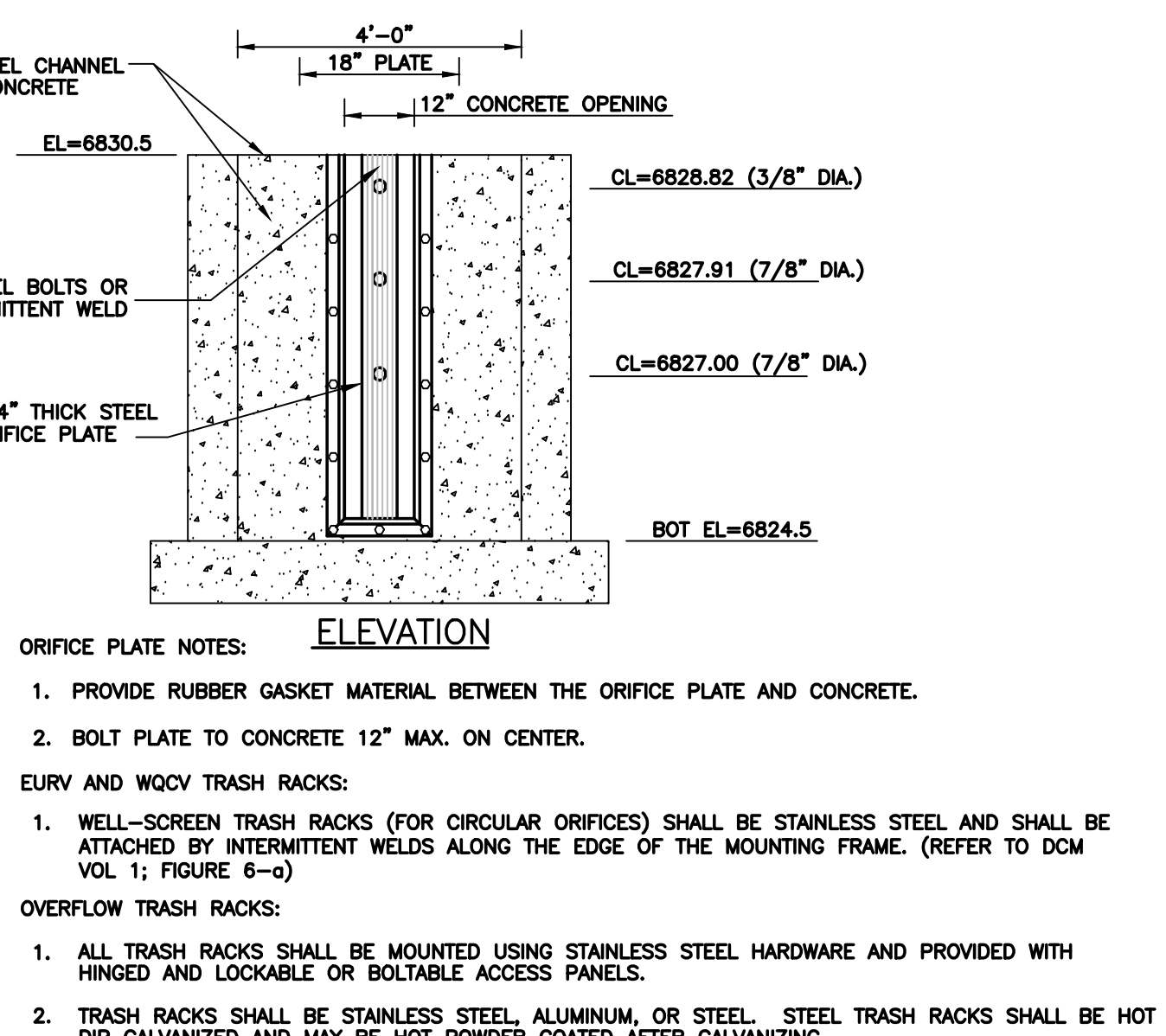
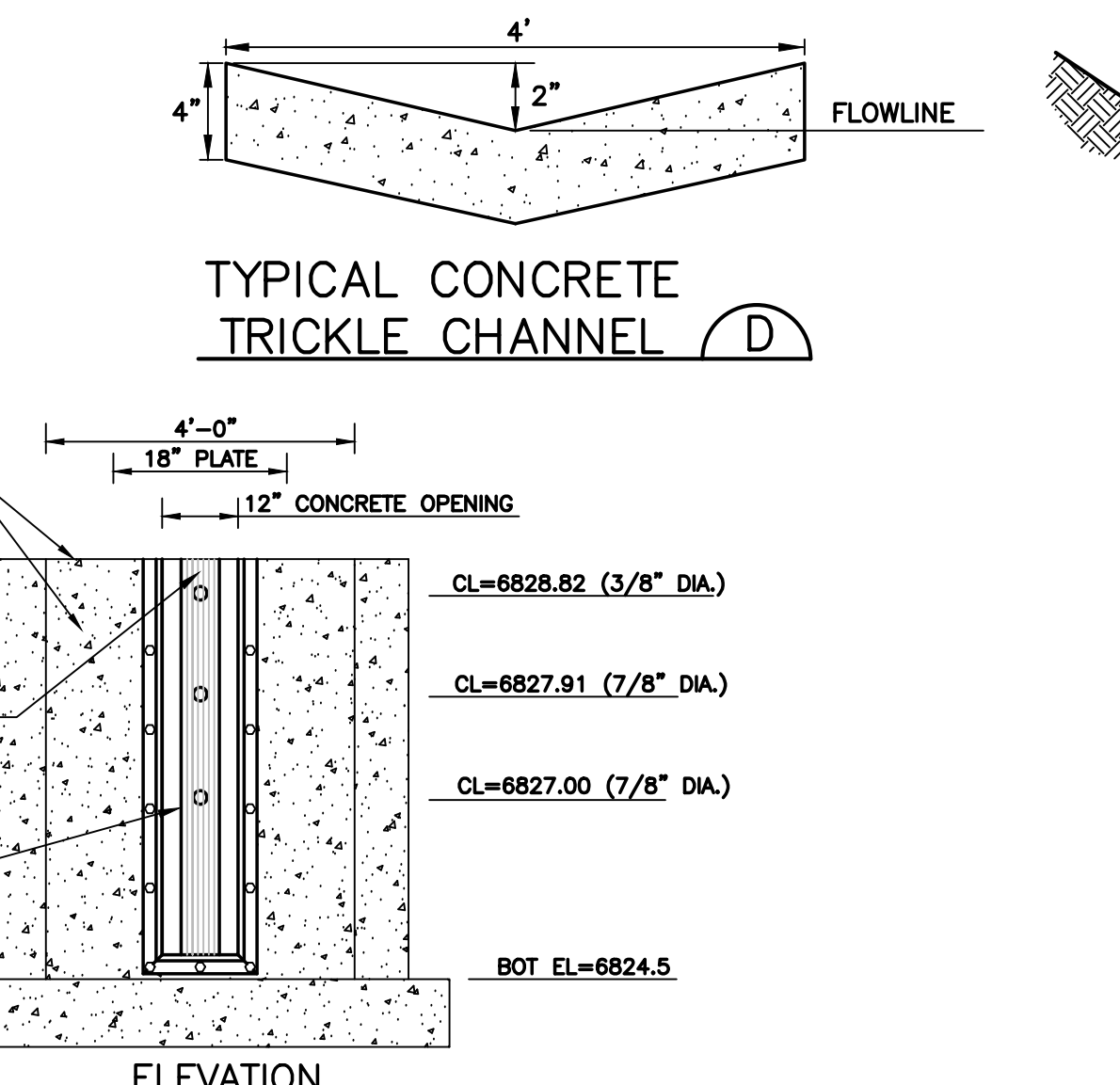
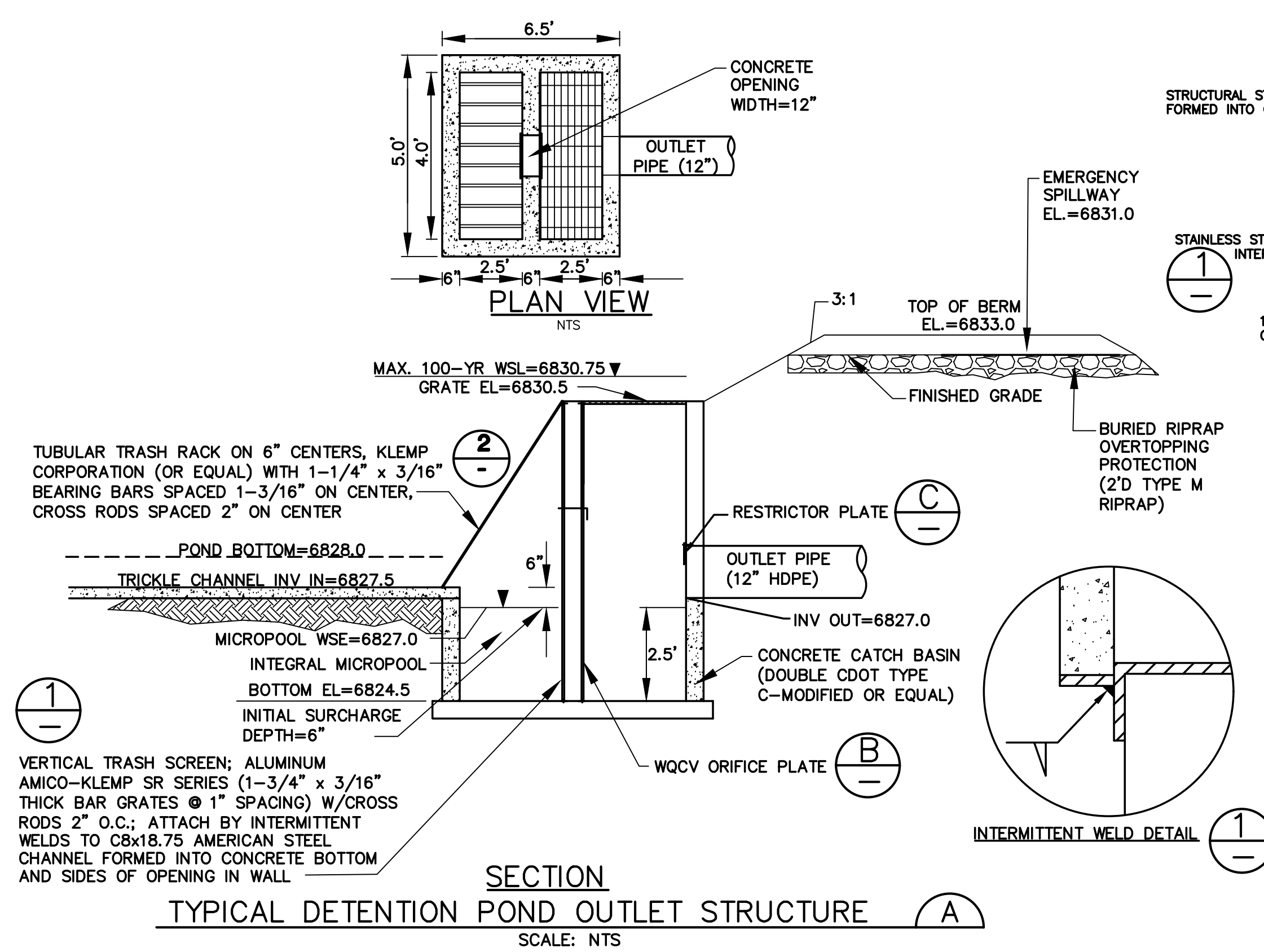
REVISION
EPC SUBMITTAL
COUNTY COMMENTS

SITE GRADING & EROSION
CONTROL PLAN

HORZ. SCALE: 1"=30'
VERT. SCALE: N/A
SURVEYED: LDC
CREATED: 5/26/20
PROJECT NO: 042001
SHEET: C1

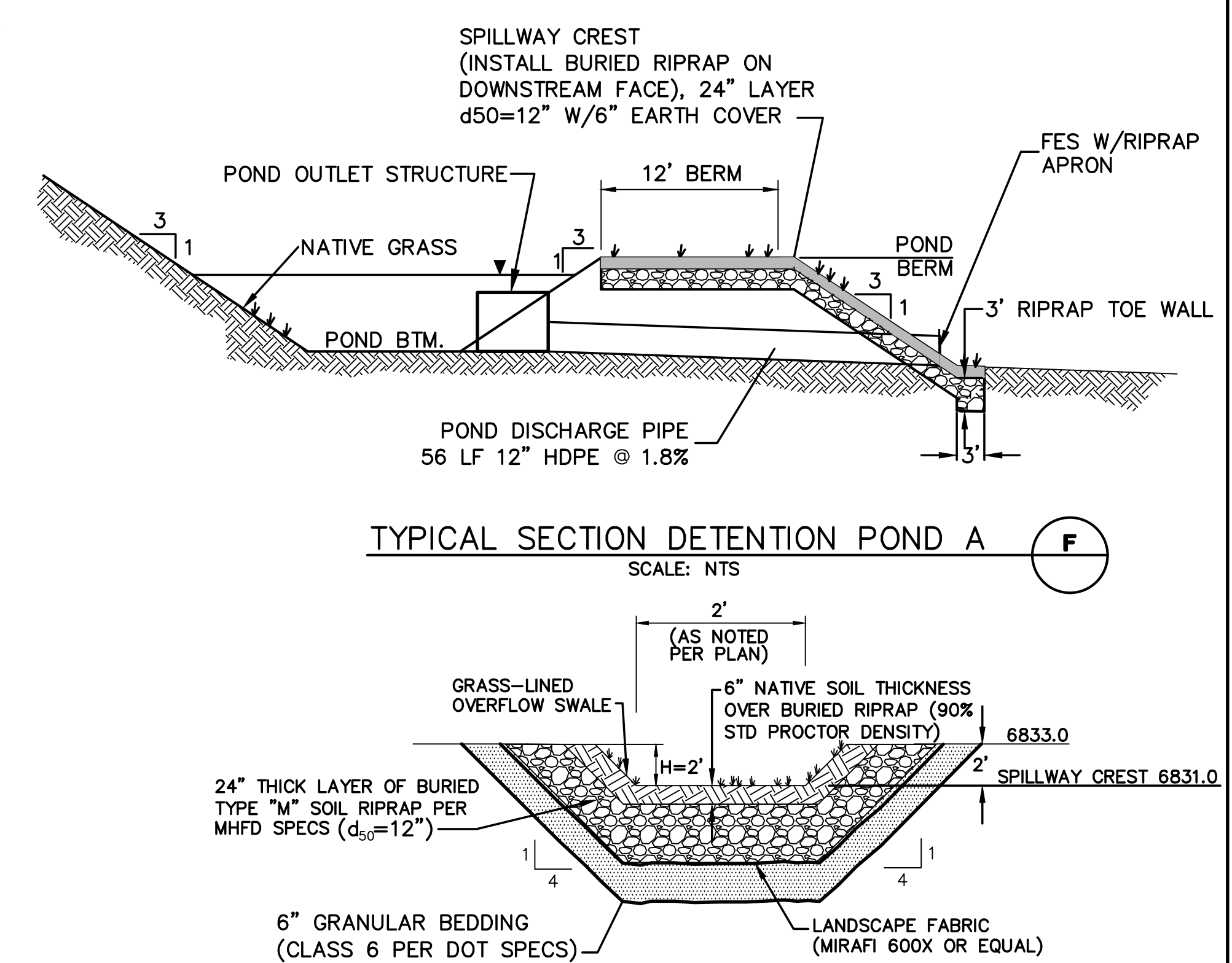
DRAWN: BJJ
DESIGNED: JPS
CHECKED: JPS
LAST MODIFIED: 9/18/20
MODIFIED BY: BJJ

PCD PROJECT NO. PPR-20-24



NOTE: ORIFICE PLATE WILL NEED TO BE REPLACED FOR FUTURE COMMERCIAL DEVELOPMENT PHASE (PER DRAINAGE REPORT)

ORIFICE PLATE AND TRASH RACK DETAILS AND NOTES (B)



RIPRAP NOTES:

1. RIPRAP SHALL HAVE A MINIMUM SPECIFIC GRAVITY OF 2.6.
2. CONTRACTOR SHALL SUBMIT RIPRAP GRADATION TO ENGINEER FOR APPROVAL PRIOR TO DELIVERY

