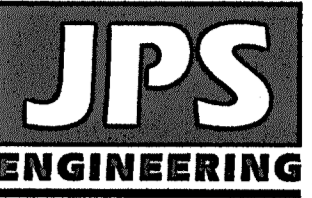
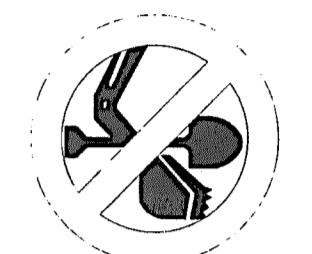


ENGINEERING RECORD DRAWINGS
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 John P. Schwab Date: 2/28/23
 JOHN P. SCHWAB, PE# 29891
 FOR AND ON BEHALF OF JPS ENGINEERING, INC.



19 E. Willamette Ave.
 Colorado Springs, CO
 80903
 PH: 719-477-9429
 FAX: 719-471-0766
 www.jpsegr.com



CALL UTILITY NOTIFICATION
 CENTER OF COLORADO
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 CALL 2-BUSINESS DAYS IN ADVANCE
 BEFORE YOU DIG, GRADE, OR EXCAVATE
 FOR THE MARKING OF UNDERGROUND
 MEMBER UTILITIES.

ROLLIN RIDGE ESTATES - FILING NO. 1

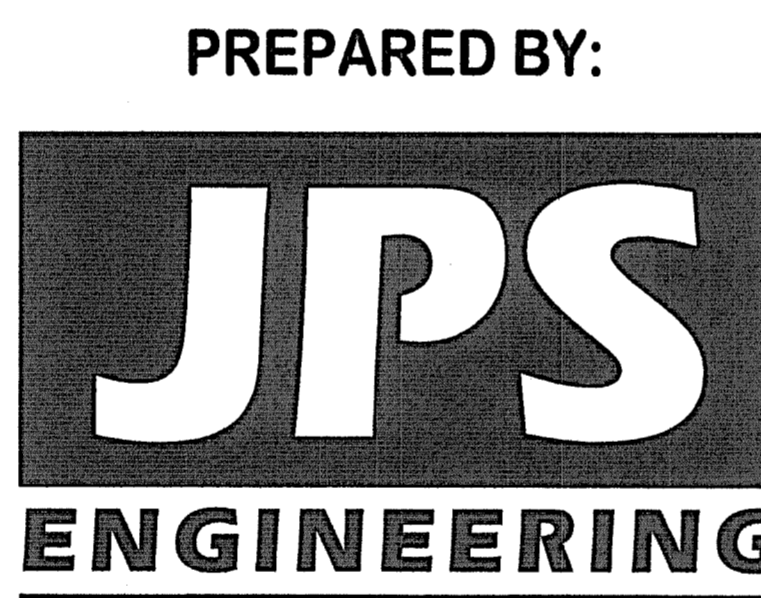
| BY | DATE | REVISION |
|-----|---------|------------------------|
| JPS | 2/28/20 | COUNTY COMMENTS |
| JPS | 5/13/20 | COUNTY COMMENTS |
| JPS | 7/16/20 | COUNTY COMMENTS |
| JPS | 9/08/20 | COUNTY COMMENTS |
| JPS | 3/4/22 | POND B ACCESS REVISION |

GEC PLAN
 TITLE SHEET

| | | | |
|---------------|---------|----------------|--------|
| HORIZ. SCALE: | HS | DRAWN: | BJJ |
| VERT. SCALE: | VS | DESIGNED: | JPS |
| SURVEYED: | RAMPART | CHECKED: | JPS |
| CREATED: | 8/13/19 | LAST MODIFIED: | 3/4/22 |
| PROJECT NO.: | 081702 | MODIFIED BY: | BJJ |
| SHEET: | G1 | | |

ROLLIN RIDGE Filing No. 1 Grading & Erosion Control Plans El Paso County, Colorado

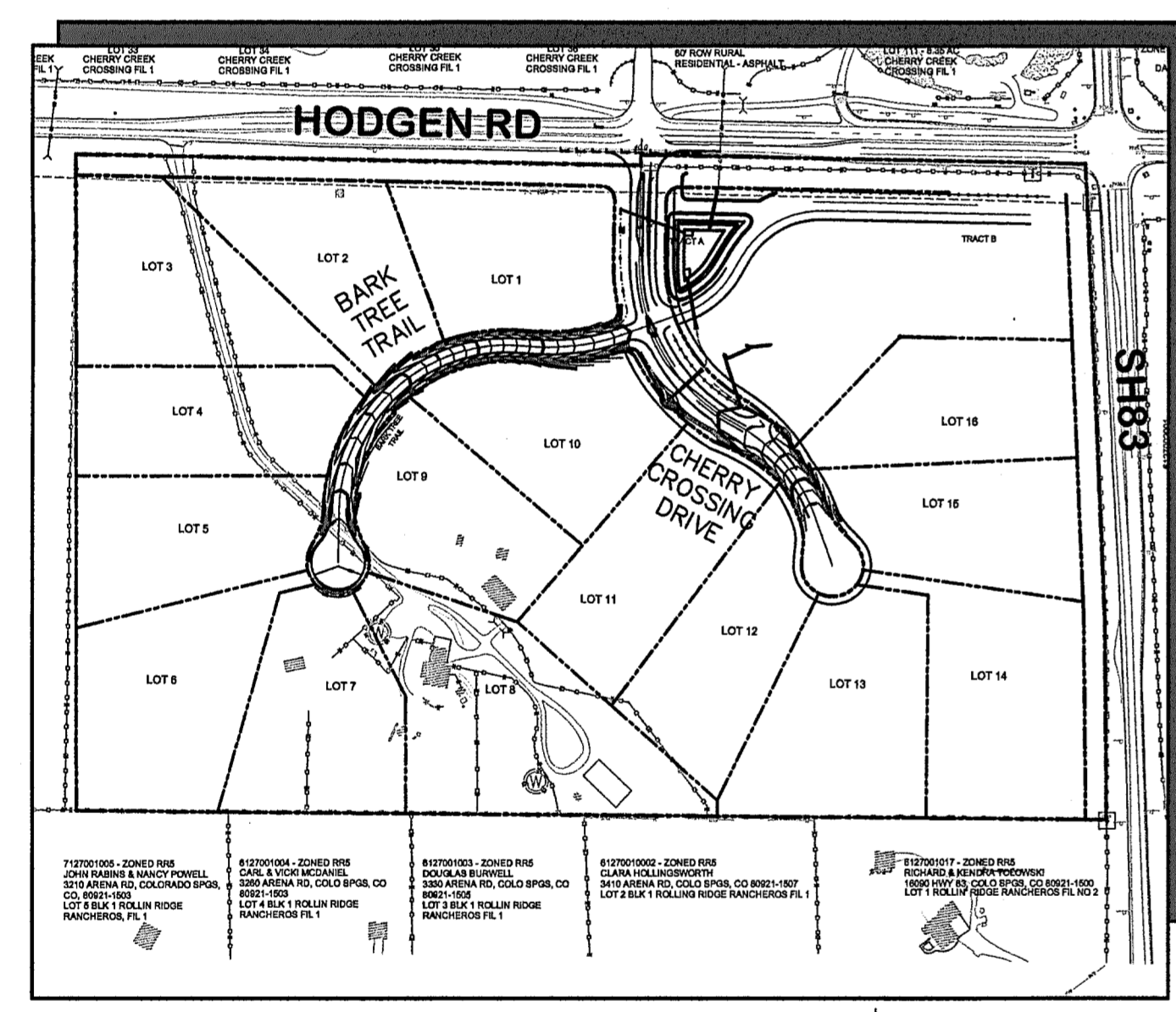
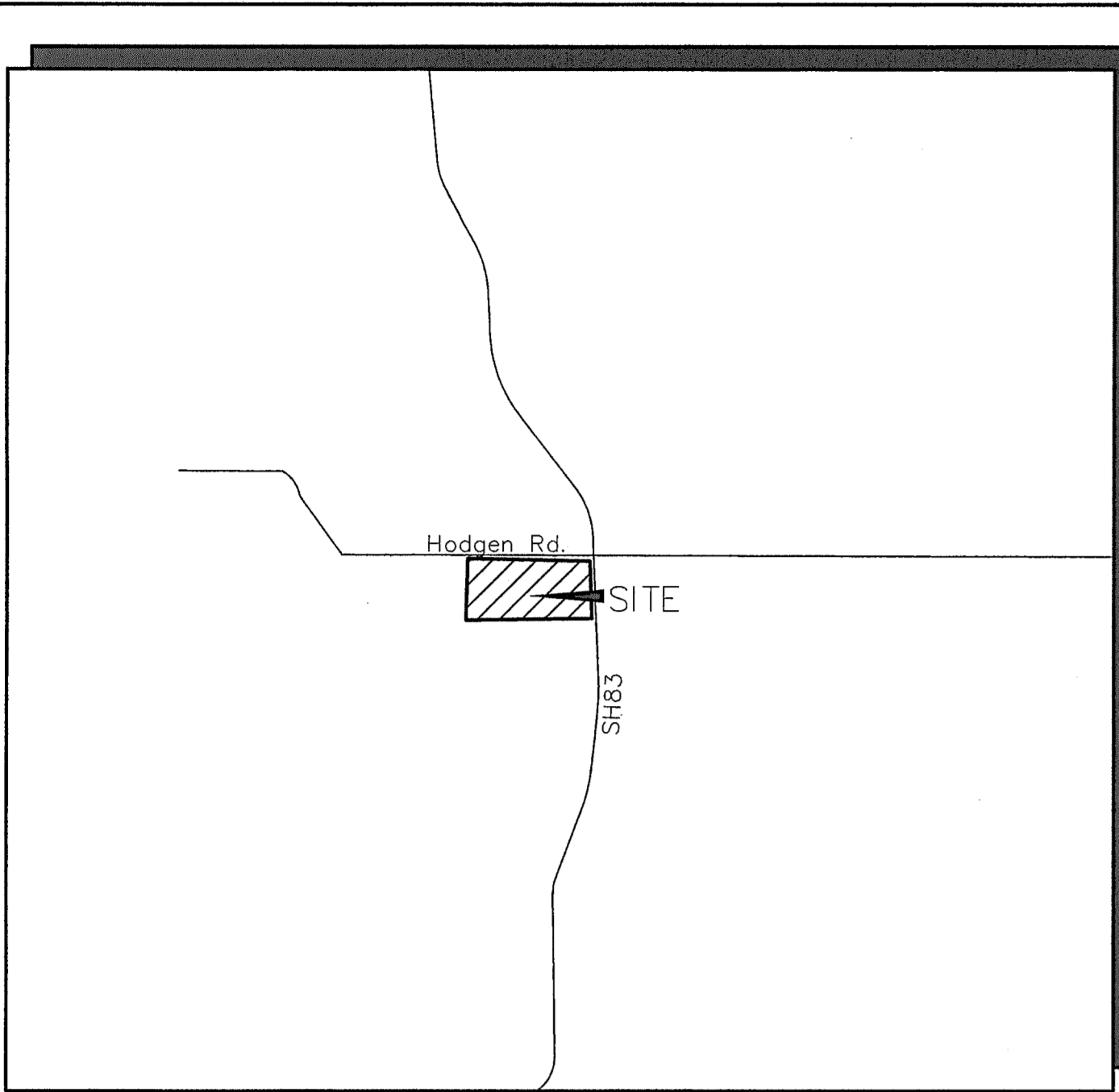
PREPARED FOR:
TC&C LLC
 17572 Colonial Park Drive
 Monument, CO 80132



PREPARED BY:
 19 East Willamette Avenue
 Colorado Springs, Colorado 80903
 March, 2022

AGENCIES/CONTACTS

| | | | |
|-------------------------|--|----------------------|---|
| DEVELOPER: | TC&C LLC 17572 COLONIAL PARK DRIVE MONUMENT, CO 80132 MR. CARL TURSE (719) 651-4013 | 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 MS. VALERIE SWORD (719)546-5407 | | |



BASIS OF BEARING:
 BEGINNING AT THE SOUTHWEST CORNER OF PARCEL 3, AS DESCRIBED IN DEED RECORDED UNDER SAID RECEPTION NO. 217125842, SAID POINT ALSO BEING THE SOUTHEAST CORNER OF THAT TRACT OF LAND AS DESCRIBED IN DEED RECORDED UNDER RECEPTION NO. 200156068 OF SAID COUNTY RECORDS, AS MONUMENTED BY A 5/8" REBAR (NO CAP), FROM WHICH THE NORTHWEST CORNER OF SAID PARCEL 3, SAID POINT ALSO BEING THE SOUTHWEST CORNER OF THAT RIGHT-OF-WAY PARCEL AS DESCRIBED IN DEED RECORDED UNDER RECEPTION NO. 206076668 OF SAID COUNTY RECORDS, AS MONUMENTED BY A 5/8" REBAR WITH ORANGE CAP STAMPED "PLS 32439" BEARS N00°06'39"W (S00°06'40"E PER THAT DEED RECORDED UNDER SAID RECEPTION NO. 217125842), A DISTANCE OF 1262.77 FEET (1262.73 FEET OF RECORD)

BENCHMARK:
 SURVEY CONTROL POINTS AS SHOWN.
 ALL ELEVATION BASED UPON NGS DESIGNATION "4 BB RESET"
 ELEVATION = 7570.80 (NAVD 88 VERTICAL DATUM)

C:\Users\Owner\Desktop\jpsprojects\081702\rollin-ridge\dwg\civil\G1 - GEC.dwg Mar 04, 2022 - 12:32pm

PCD FILE NO. SF-19-022
 PCD FILE NO. SF-21-043

COUNTY GENERAL NOTES:

- ALL DRAINAGE AND ROADWAY CONSTRUCTION SHALL MEET THE STANDARDS AND SPECIFICATIONS OF THE CITY OF COLORADO SPRINGS/EL PASO COUNTY DRAINAGE CRITERIA MANUAL, VOLUMES 1 AND 2, AND THE EL PASO COUNTY ENGINEERING CRITERIA MANUAL.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE NOTIFICATION AND FIELD LOCATION 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).
- CONTRACTOR SHALL KEEP A COPY OF THESE APPROVED PLANS, THE GRADING AND EROSION CONTROL PLAN, THE STORMWATER MANAGEMENT PLAN (SWMP), THE SOILS AND GEOTECHNICAL REPORT, AND THE APPROPRIATE DESIGN AND CONSTRUCTION STANDARDS AND SPECIFICATIONS AT THE JOB SITE AT ALL TIMES, INCLUDING THE FOLLOWING:
 - EL PASO COUNTY ENGINEERING CRITERIA MANUAL (ECM)
 - CITY OF COLORADO SPRINGS/EL PASO COUNTY DRAINAGE CRITERIA MANUAL, VOLUMES 1 AND 2
 - COLORADO DEPARTMENT OF TRANSPORTATION (CDOT) STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION
 - CDOT M & S STANDARDS
- 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 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.
- IT IS THE DESIGN ENGINEER'S RESPONSIBILITY TO ACCURATELY SHOW EXISTING CONDITIONS, BOTH ONSITE AND OFFSITE, ON THE CONSTRUCTION PLANS. ANY MODIFICATIONS NECESSARY DUE TO CONFLICTS, OMISSIONS, OR CHANGED CONDITIONS WILL BE ENTIRELY THE DEVELOPER'S RESPONSIBILITY TO RECTIFY.
- CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH EL PASO COUNTY PLANNING AND COMMUNITY DEVELOPMENT DEPARTMENT (PCD) - INSPECTIONS, PRIOR TO STARTING CONSTRUCTION.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO UNDERSTAND THE REQUIREMENTS OF ALL JURISDICTIONAL AGENCIES AND TO OBTAIN ALL REQUIRED PERMITS, INCLUDING BUT NOT LIMITED TO EL PASO COUNTY EROSION AND STORMWATER QUALITY CONTROL PERMIT (ESQCP), REGIONAL BUILDING FLOODPLAIN DEVELOPMENT PERMIT, U.S. ARMY CORPS OF ENGINEERS-ISSUED 401 AND/OR 404 PERMITS, AND COUNTY AND STATE FUGITIVE DUST PERMITS.
- CONTRACTOR SHALL NOT DEVIATE FROM THE PLANS WITHOUT FIRST OBTAINING WRITTEN APPROVAL FROM THE DESIGN ENGINEER AND DSD. CONTRACTOR SHALL NOTIFY THE DESIGN ENGINEER IMMEDIATELY UPON DISCOVERY OF ANY ERRORS OR INCONSISTENCIES.
- ALL STORM DRAIN PIPE SHALL BE CLASS III RCP WITH CLASS B BEDDING UNLESS OTHERWISE NOTED AND APPROVED BY PCD.
- 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.
- ALL CONSTRUCTION TRAFFIC MUST ENTER/EXIT THE SITE AT APPROVED CONSTRUCTION ACCESS POINTS.
- 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.
- SIGNING AND STRIPING SHALL COMPLY WITH EL PASO DEPARTMENT OF PUBLIC WORKS (DPW) AND MUTCD CRITERIA.
- CONTRACTOR SHALL OBTAIN ANY PERMITS REQUIRED BY EL PASO DEPARTMENT OF PUBLIC WORKS (DPW), INCLUDING WORK WITHIN THE RIGHT-OF-WAY AND SPECIAL TRANSPORT PERMITS.
- THE LIMITS OF CONSTRUCTION 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.

COUNTY SIGNING AND STRIPING NOTES:

- ALL SIGNS AND PAVEMENT MARKINGS SHALL BE IN COMPLIANCE WITH THE CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- REMOVAL OF EXISTING PAVEMENT MARKINGS SHALL BE ACCOMPLISHED BY A METHOD THAT DOES NOT MATERIALLY DAMAGE THE PAVEMENT. THE PAVEMENT MARKINGS SHALL BE REMOVED TO THE EXTENT THAT THEY WILL NOT BE VISIBLE UNDER DAY OR NIGHT CONDITIONS. AT NO TIME WILL IT BE ACCEPTABLE TO PAINT OVER EXISTING PAVEMENT MARKINGS.
- ANY DEVIATION FROM THE STRIPING AND SIGNING PLAN SHALL BE APPROVED BY EL PASO COUNTY PLANNING AND COMMUNITY DEVELOPMENT DEPARTMENT (PCD).
- ALL SIGNS SHOWN ON THE SIGNING AND STRIPING PLAN SHALL BE NEW SIGNS. EXISTING SIGNS MAY REMAIN OR BE REUSED IF THEY MEET CURRENT EL PASO COUNTY AND MUTCD STANDARDS.
- STREET NAME AND REGULATORY STOP SIGNS SHALL BE ON THE SAME POST AT INTERSECTIONS.
- ALL REMOVED SIGNS SHALL BE DISPOSED OF IN A PROPER MANNER BY THE CONTRACTOR.
- ALL STREET NAME SIGNS SHALL HAVE "D" SERIES LETTERS, WITH LOCAL ROADWAY SIGNS BEING 4" UPPER-LOWER CASE LETTERING ON 8" BLANK AND NON-LOCAL ROADWAY SIGNS BEING 6" LETTERING, UPPER-LOWER CASE ON 12" BLANK, WITH WHITE BORDER THAT IS NOT RECESSED. MULTI-LANE ROADWAYS WITH SPEED LIMITS OF 40 MPH OR HIGHER SHALL HAVE 8" UPPER-LOWER CASE LETTERING ON 18" BLANK WITH A WHITE BORDER THAT IS NOT RECESSED. THE WIDTH OF THE NON-RECESSED WHITE BORDERS SHALL MATCH PAGE 255 OF THE 2012 MUTCD "STANDARD HIGHWAY SIGNS".
- ALL TRAFFIC SIGNS SHALL HAVE A MINIMUM HIGH INTENSITY PRISMATIC GRADE SHEETING.
- ALL LOCAL RESIDENTIAL STREET SIGNS SHALL BE MOUNTED ON A 1.75" X 1.75" SQUARE TUBE SIGN POST AND STUB POST BASE. FOR OTHER APPLICATIONS, REFER TO THE CDOT STANDARD S-614-8 REGARDING USE OF THE P2 TUBULAR STEEL POST SLIPBASE DESIGN.
- ALL SIGNS SHALL BE SINGLE SHEET ALUMINUM WITH 0.100" MINIMUM THICKNESS.
- ALL LIMIT LINES/STOP LINES, CROSSWALK LINES, PAVEMENT LEGENDS, AND ARROWS SHALL BE A MINIMUM 125 MIL THICKNESS PREFORMED THERMOPLASTIC PAVEMENT MARKINGS WITH TAPERED LEADING EDGES PER CDOT STANDARD S-627-1. WORD AND SYMBOL MARKINGS SHALL BE THE NARROW TYPE. STOP BARS SHALL BE 24" IN WIDTH. CROSSWALKS LINES SHALL BE 12" WIDE AND 8' LONG PER CDOT S-627-1.
- ALL LONGITUDINAL LINES SHALL BE A MINIMUM 15MIL THICKNESS EPOXY PAINT. ALL NON-LOCAL RESIDENTIAL ROADWAYS SHALL INCLUDE BOTH RIGHT AND LEFT EDGE LINE STRIPING AND ANY ADDITIONAL STRIPING AS REQUIRED BY CDOT S-627-1.
- THE CONTRACTOR SHALL NOTIFY EL PASO COUNTY PLANNING AND COMMUNITY DEVELOPMENT DEPARTMENT (PCD) (719) 520-6819 PRIOR TO AND UPON COMPLETION OF SIGNING AND STRIPING.
- THE CONTRACTOR SHALL OBTAIN A WORK IN THE RIGHT OF WAY PERMIT FROM THE EL PASO COUNTY DEPARTMENT OF PUBLIC WORKS PRIOR TO ANY SIGNAGE OR STRIPING WORK WITHIN AN EXISTING EL PASO COUNTY ROADWAY.

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John P. Schwab Date: 1/25/23
 JOHN P. SCHWAB, PE# 29891
 FOR AND ON BEHALF OF JPS ENGINEERING, INC.

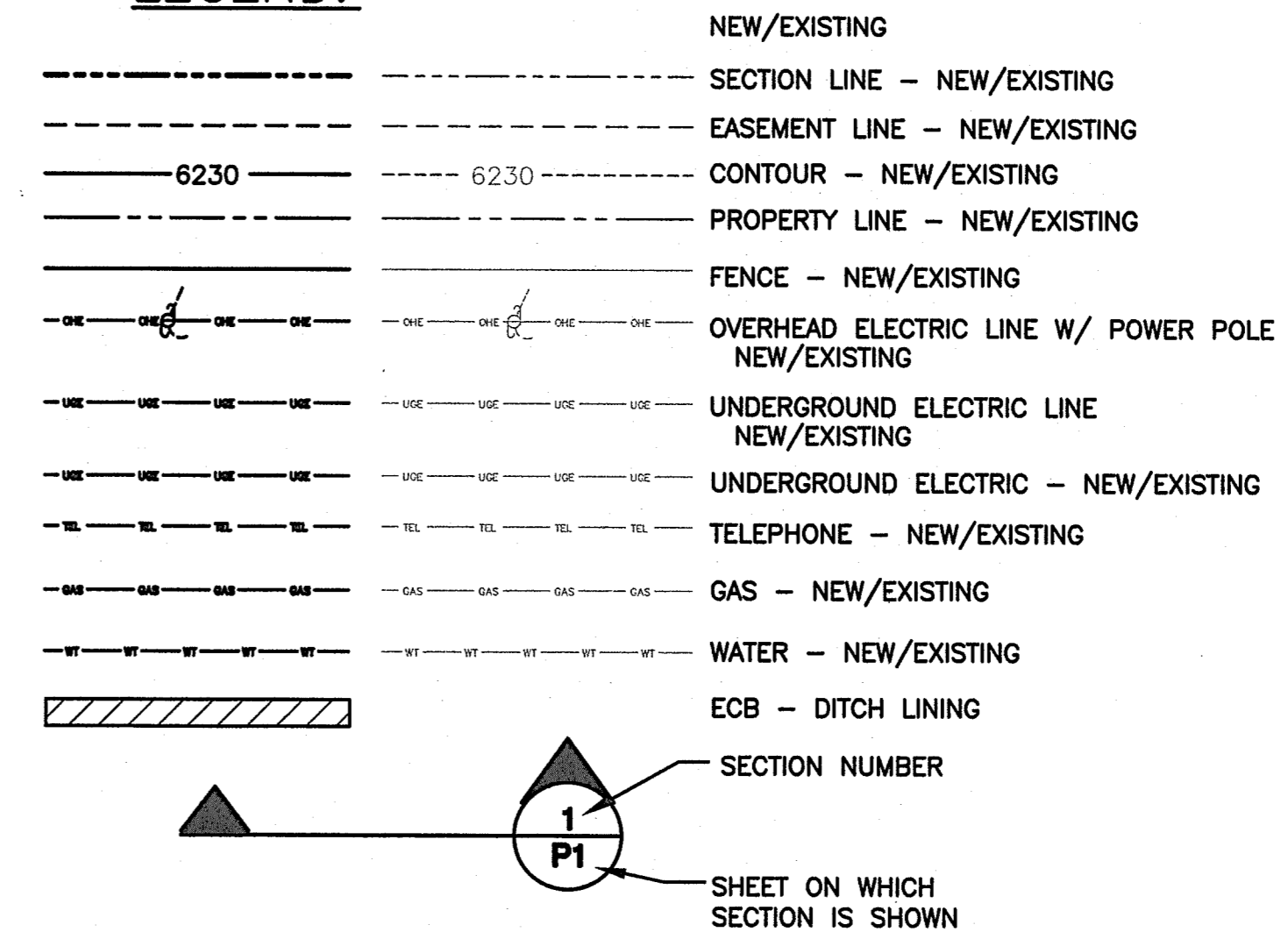
PROJECT GENERAL NOTES:

- EXISTING CONTOUR DATA CONSISTS OF AERIAL TOPOGRAPHIC SURVEY DATA PROVIDED BY OWNER. JPS ENGINEERING TAKES NO RESPONSIBILITY FOR THE ACCURACY OF EXISTING TOPOGRAPHIC MAPPING.
- STATIONING IS AT CENTERLINE UNLESS OTHERWISE NOTED. ALL ELEVATIONS ARE AT EDGE OF ASPHALT (EOA) UNLESS OTHERWISE NOTED. ALL DIMENSIONS ARE FROM EDGE OF ASPHALT TO EDGE OF ASPHALT UNLESS OTHERWISE NOTED.
- PROPOSED CONTOURS SHOWN ARE TO FINISHED GRADE.
- LENGTHS SHOWN FOR STORM SEWER PIPES ARE TO CENTER OF MANHOLE.
- CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL EXISTING STRUCTURES, DEBRIS, WASTE AND OTHER UNSUITABLE FILL MATERIAL FOUND WITHIN THE LIMITS OF EXCAVATION.
- MATCH INTO EXISTING GRADES AT 3:1 MAX CUT AND FILL SLOPES.
- REVEGETATION OF ALL DISTURBED AREAS SHALL BE DONE WITH SPECIFIED SEED MIX WITHIN 60 DAYS AFTER FINE GRADING IS COMPLETE.
- EROSION CONTROL SHALL CONSIST OF SILT FENCE AND BMP'S AS SHOWN ON THE DRAWING, AND TOPSOIL WITH GRASS SEED, WHICH WILL BE WATERED UNTIL VEGETATION HAS BEEN REESTABLISHED.
- THE EROSION CONTROL MEASURES OUTLINED ON THIS PLAN ARE THE RESPONSIBILITY OF THE DEVELOPER TO MONITOR AND REPLACE, REGRADE, AND REBUILD AS NECESSARY UNTIL VEGETATION IS RE-ESTABLISHED.
- EROSION CONTROL MEASURES SHALL BE IMPLEMENTED IN A MANNER THAT WILL PROTECT ADJACENT PROPERTIES AND PUBLIC FACILITIES FROM THE ADVERSE EFFECTS OF EROSION AND SEDIMENTATION AS A RESULT OF CONSTRUCTION AND EARTHWORK ACTIVITIES WITHIN THE PROJECT SITE.
- ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED AS DETERMINED BY SITE CONDITIONS.
- THE CONTRACTOR WILL TAKE THE NECESSARY PRECAUTIONS TO PROTECT EXISTING UTILITIES FROM DAMAGE DUE TO THIS OPERATION. ANY DAMAGE TO THE UTILITIES WILL BE REPAIRED AT THE CONTRACTOR'S EXPENSE, AND ANY SERVICE DISRUPTION WILL BE SETTLED BY THE CONTRACTOR.
- ALL BACKFILL, SUB-BASE, AND/OR BASE COURSE MATERIAL SHALL BE COMPACTED PER EL PASO COUNTY AND CDOT STANDARDS AND SPECIFICATIONS.
- ALL FINISHED GRADES SHALL HAVE A MINIMUM 1.0% SLOPE TO PROVIDE POSITIVE DRAINAGE.
- IN CASE OF CONFLICT BETWEEN PROPOSED SLOPES AND PROPOSED SPOT ELEVATIONS, SPOT ELEVATIONS SHALL GOVERN.
- CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS PRIOR TO BEGINNING WORK.

GENERAL DRAINAGE & GRADING NOTES:

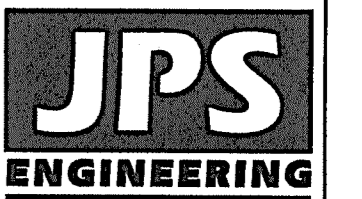
- INDIVIDUAL BUILDERS SHALL PROVIDE POSITIVE DRAINAGE AWAY FROM STRUCTURES AND ACCOUNT FOR POTENTIAL CROSS-LOT DRAINAGE IMPACTS WITHIN EACH LOT.
- BUILDERS AND PROPERTY OWNERS SHALL IMPLEMENT & MAINTAIN EROSION CONTROL BEST MANAGEMENT PRACTICES FOR PROTECTION OF DOWNSTREAM PROPERTIES AND FACILITIES INCLUDING PROTECTION OF EXISTING GRASS BUFFER STRIPS ALONG THE DOWNSTREAM PROPERTY BOUNDARIES.
- GRADING AND DRAINAGE WITHIN LOTS IS THE RESPONSIBILITY OF THE INDIVIDUAL BUILDERS AND PROPERTY OWNERS.
- FINAL GRADING TO COMPLY WITH H.U.D. STANDARDS CONTAINED IN SECTION 310 AND 602 OF THE MINIMUM PROPERTY STANDARDS (MPS) 4900.1. HANDBOOK 4140.3 CHG (DATA SHEET 79g), IF APPLICABLE, AND ALL LEGAL STANDARDS.

LEGEND:

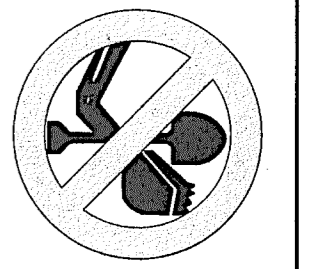


ROLLIN RIDGE - FILING NO. 1

GENERAL NOTES & LEGEND



19 E. Willamette Ave.
 Colorado Springs, CO 80903
 PH: 719-477-9429
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CALL UTILITY NOTIFICATION CENTER OF COLORADO
 1-800-922-1987
 CALL 2-BUSINESS DAYS IN ADVANCE BEFORE THE MARKING OF UNDERGROUND MEMBER UTILITIES.

| No. | REVISION | DATE |
|-----|----------------------|----------|
| 1 | FINAL PLAT SUBMITTAL | 10/21/19 |
| 2 | COUNTY COMMENTS | 2/28/20 |

| | |
|--------------------|------------------------|
| HORIZ. SCALE: HS | DRAWN: BJJ |
| VERT. SCALE: VS | DESIGNED: JPS |
| SURVEYED: RAMPART | CHECKED: JPS |
| CREATED: 8/29/19 | LAST MODIFIED: 2/28/20 |
| PROJECT NO: 081702 | MODIFIED BY: JPS |

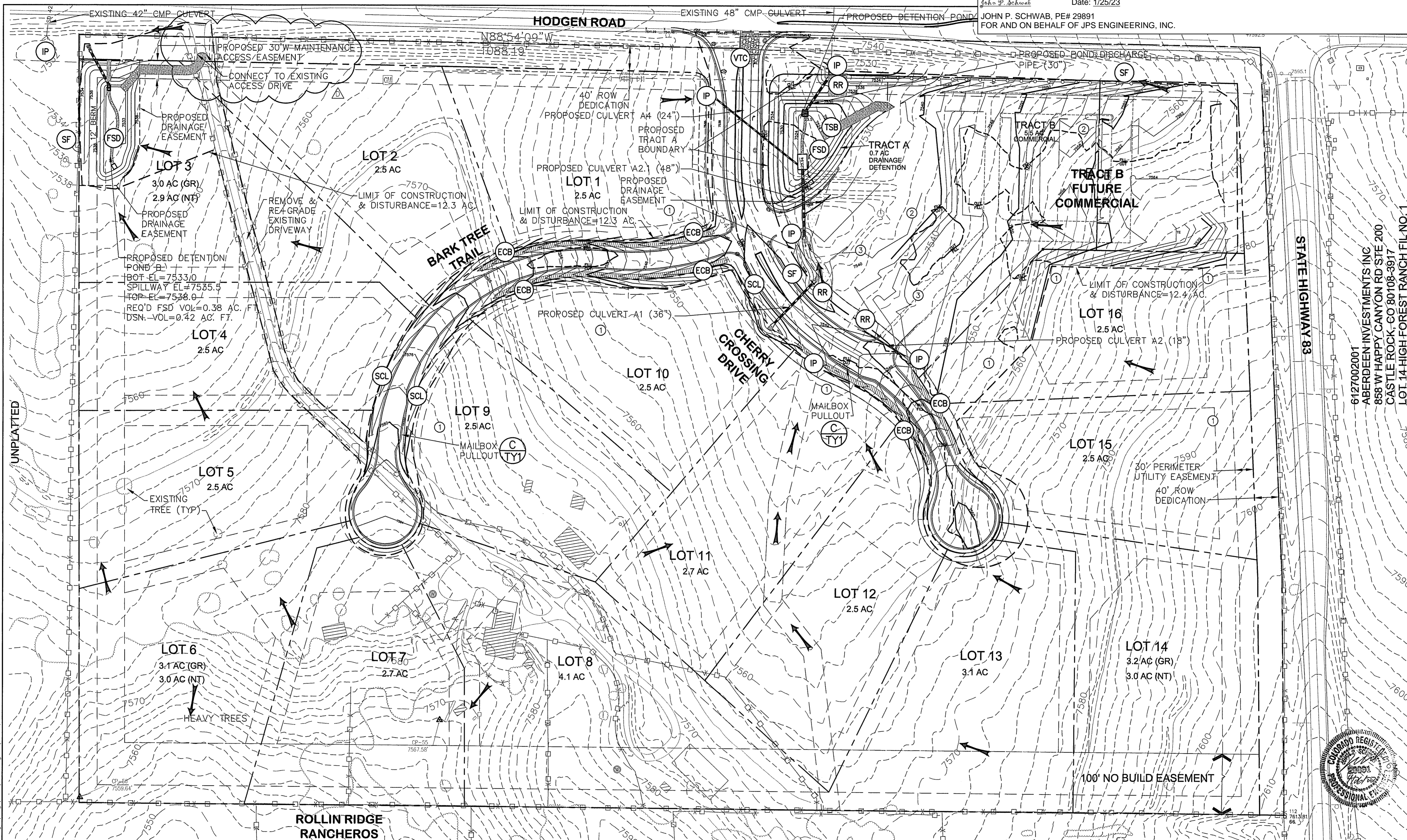
SHEET: **G2**

PCD FILE NO. SF-19-022

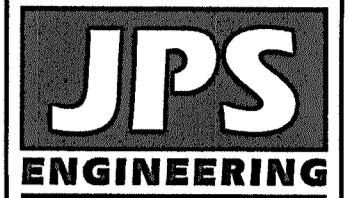


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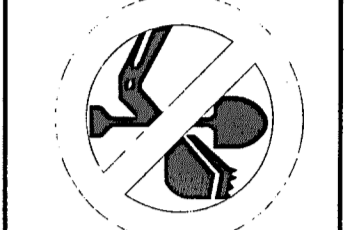
John P. Schwab Date: 1/25/23
 JOHN P. SCHWAB, PE# 29891
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 FOR THE MEMBER UTILITIES.

| No. | REVISION | DATE |
|-----|------------------------|----------|
| 1 | FINAL PLAT SUBMITTAL | 10/25/19 |
| 2 | COUNTY COMMENTS | 2/28/20 |
| 3 | COUNTY COMMENTS | 5/13/20 |
| 4 | POND B ACCESS REVISION | 4/26/22 |

SITE GRADING & EROSION
 CONTROL PLAN



KEYED NOTES:

- CONTRACTOR MAY WASTE EXCESS CUT MATERIAL OR BORROW SUITABLE FILL MATERIAL FROM THIS AREA. MATCH INTO EXISTING GRADES WITH 3:1 MAX CUT AND FILL SLOPES AND MAINTAIN POSITIVE DRAINAGE IN ALL AREAS. ANY PERMANENT BERMS SHALL BE REVIEWED AND APPROVED BY EL PASO COUNTY.
- TOPSOIL STOCKPILE AREA
- CONTRACTOR STAGING/EQUIPMENT STORAGE AREA

ESTIMATED EARTHWORK QUANTITY:

UNCLASSIFIED EXCAVATION (TOTAL CUT) = 14,461 CY
 * EMBANKMENT FILL = 29,188 CY
 NET (FILL) = 14,727 CY
 * (ASSUMES 15% COMPACTION FACTOR)

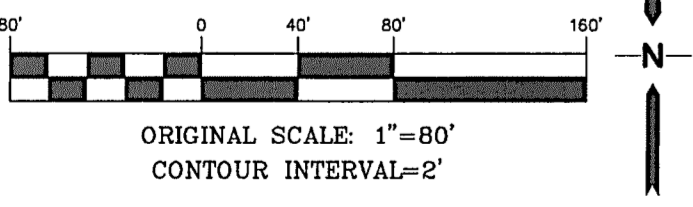
NOTE: THIS ESTIMATE IS PROVIDED FOR INFORMATION ONLY, REPRESENTING THE CALCULATED BULK EARTHWORK VOLUME TO FINISHED GRADE, EXCLUDING ANY ADJUSTMENT FOR PAVEMENT DEPTHS, ETC. CONTRACTOR SHALL MAKE HIS OWN DETERMINATION OF EARTHWORK QUANTITIES AS BASIS FOR BID PRICING AND NOTIFY ENGINEER OF ANY DISCREPANCIES.

EROSION CONTROL:

- (RR) RIPRAP
- (VTC) VEHICLE TRACKING PAD
- (SF) SILT FENCE
- (FSD) FULL-SPECTRUM DETENTION BASIN
- (SCL) SEDIMENT CONTROL LOG
- (ECB) EROSION CONTROL BLANKET
- (IP) INLET PROTECTION
- (TSB) TEMPORARY SEDIMENT BASIN

LEGEND:

- NEW/EXISTING
- SECTION LINE - NEW/EXISTING
- EASEMENT LINE - NEW/EXISTING
- 6230 --- 6230 --- CONTOUR - NEW/EXISTING
- PROPERTY LINE - NEW/EXISTING
- FENCE - NEW/EXISTING
- OHE --- OHE --- OVERHEAD ELECTRIC LINE W/ POWER POLE NEW/EXISTING
- UGE --- UGE --- UNDERGROUND ELECTRIC LINE NEW/EXISTING
- UGE --- UGE --- UNDERGROUND ELECTRIC - NEW/EXISTING
- TEL --- TEL --- TELE - NEW/EXISTING
- GAS --- GAS --- GAS - NEW/EXISTING
- WT --- WT --- WATER - NEW/EXISTING
- SECTION NUMBER
- SHEET ON WHICH SECTION IS SHOWN



BENCHMARK:
 SURVEY CONTROL POINTS AS SHOWN.
 ALL ELEVATION BASED UPON NGS DESIGNATION "4 BB RESET"
 ELEVATION = 7570.80 (NAVD 88 VERTICAL DATUM)

EPC 5/10/2022

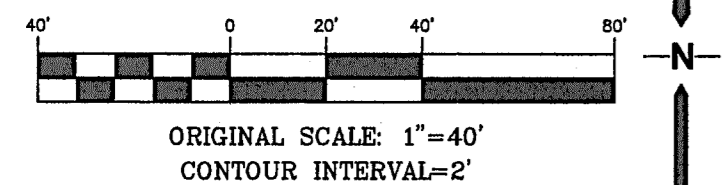
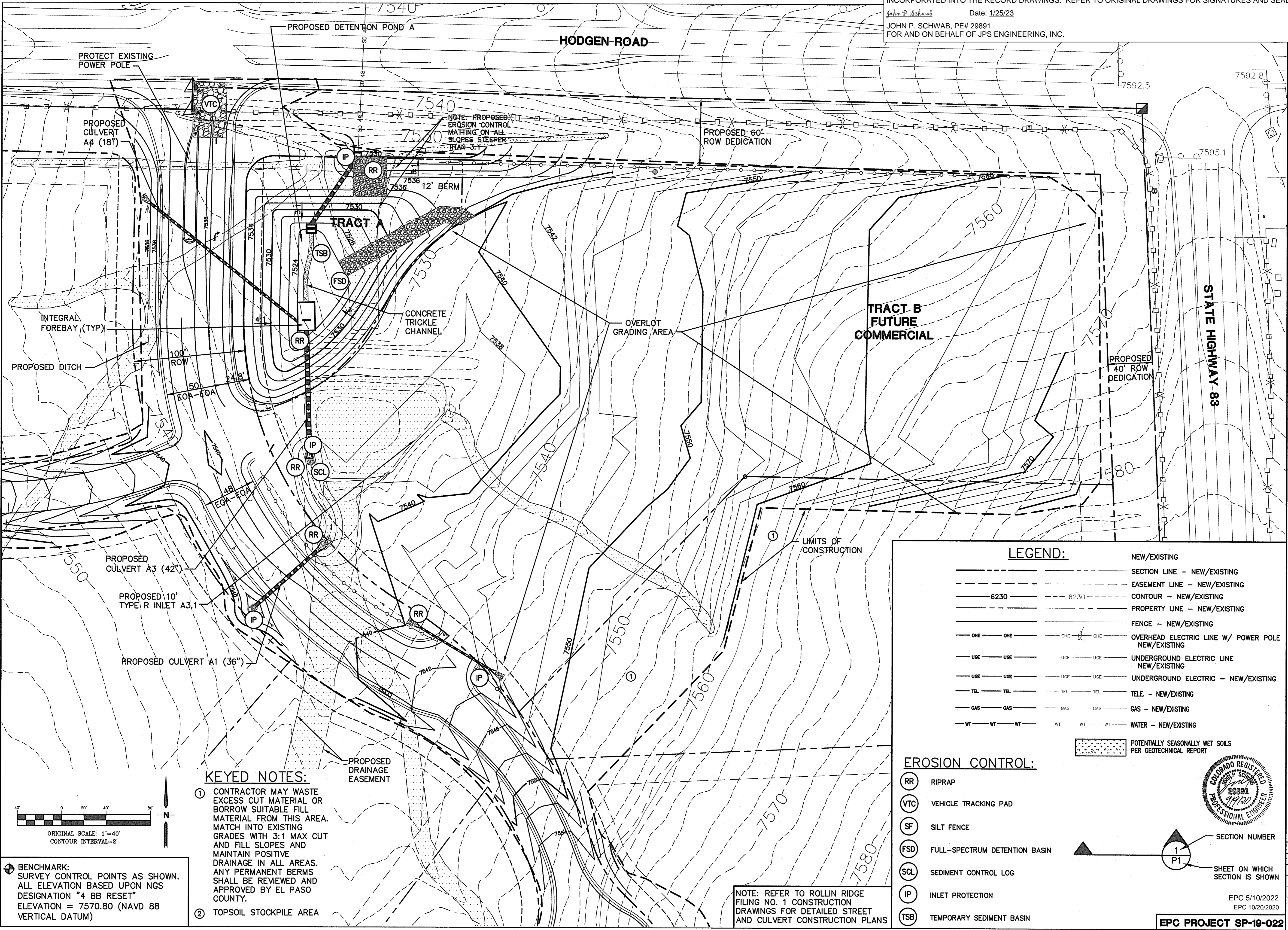
PCD FILE NO. SF-19-022
 PCD FILE NO. SF-21-043

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|----------------------|------------------------|
| HORIZ. SCALE: 1"=80' | DRAWN: BJJ |
| VERT. SCALE: N/A | DESIGNED: JPS |
| SURVEYED: N/A | CHECKED: JPS |
| CREATED: 9/12/17 | LAST MODIFIED: 4/26/22 |
| PROJECT NO: 081702 | MODIFIED BY: BJJ |

SHEET: C1.1

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John P. Schwab Date: 1/25/23
 JOHN P. SCHWAB, PE# 29891
 FOR AND ON BEHALF OF JPS ENGINEERING, INC.



BENCHMARK:
 SURVEY CONTROL POINTS AS SHOWN. ALL ELEVATION BASED UPON NGS DESIGNATION "4 BB RESET" ELEVATION = 7570.80 (NAVD 88 VERTICAL DATUM)

- KEYED NOTES:**
- ① CONTRACTOR MAY WASTE EXCESS CUT MATERIAL OR BORROW SUITABLE FILL MATERIAL FROM THIS AREA. MATCH INTO EXISTING GRADES WITH 3:1 MAX CUT AND FILL SLOPES AND MAINTAIN POSITIVE DRAINAGE IN ALL AREAS. ANY PERMANENT BERMS SHALL BE REVIEWED AND APPROVED BY EL PASO COUNTY.
 - ② TOPSOIL STOCKPILE AREA

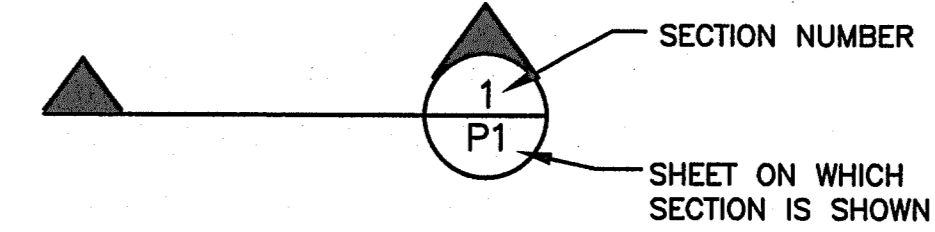
NOTE: PROPOSED EROSION CONTROL MATTING ON ALL SLOPES STEEPER THAN 3:1

NOTE: REFER TO ROLLIN RIDGE FILING NO. 1 CONSTRUCTION DRAWINGS FOR DETAILED STREET AND CULVERT CONSTRUCTION PLANS

LEGEND:

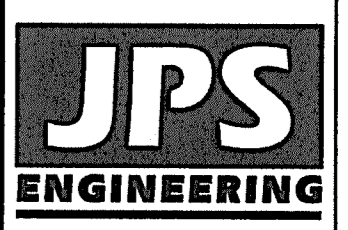
| | |
|-----------------|--|
| --- | SECTION LINE - NEW/EXISTING |
| --- | EASEMENT LINE - NEW/EXISTING |
| --- | CONTOUR - NEW/EXISTING |
| --- | PROPERTY LINE - NEW/EXISTING |
| --- | FENCE - NEW/EXISTING |
| --- OHE --- OHE | OVERHEAD ELECTRIC LINE W/ POWER POLE NEW/EXISTING |
| --- UGE --- UGE | UNDERGROUND ELECTRIC LINE NEW/EXISTING |
| --- UGE --- UGE | UNDERGROUND ELECTRIC - NEW/EXISTING |
| --- TEL --- TEL | TELE - NEW/EXISTING |
| --- GAS --- GAS | GAS - NEW/EXISTING |
| --- WT --- WT | WATER - NEW/EXISTING |
| [Pattern] | POTENTIALLY SEASONALLY WET SOILS PER GEOTECHNICAL REPORT |

- EROSION CONTROL:**
- RR RIPRAP
 - VTC VEHICLE TRACKING PAD
 - SF SILT FENCE
 - FSD FULL-SPECTRUM DETENTION BASIN
 - SCL SEDIMENT CONTROL LOG
 - IP INLET PROTECTION
 - TSB TEMPORARY SEDIMENT BASIN

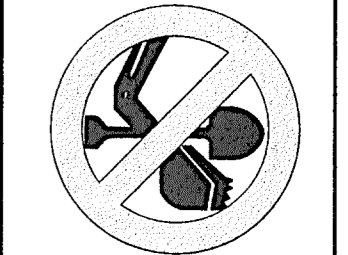


ROLLIN RIDGE - FILING NO. 1

NORTHEAST SITE OVERLOT GRADING PLAN



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| No. | REVISION | DATE |
|-----|-----------------|----------|
| 1 | COUNTY COMMENTS | 8/30/18 |
| 2 | COUNTY COMMENTS | 10/19/18 |
| 3 | COUNTY COMMENTS | 8/28/19 |
| 4 | COUNTY COMMENTS | 2/28/20 |
| 5 | COUNTY COMMENTS | 5/13/20 |

| | |
|---------------------|------------------------|
| HORZ. SCALE: 1"=40' | DRAWN: BJJ |
| VERT. SCALE: N/A | DESIGNED: JPS |
| SURVEYED: RAMPART | CHECKED: JPS |
| CREATED: 4/27/18 | LAST MODIFIED: 8/13/20 |
| PROJECT NO: 081702 | MODIFIED BY: BJJ |

SHEET: **C1.2**

EPC PROJECT SP-19-022

ENGINEERING RECORD DRAWINGS

THESE RECORD DRAWINGS HAVE BEEN PREPARED, IN PART, ON THE BASIS OF INFORMATION COMPILED BY OTHERS. THEY ARE NOT INTENDED TO REPRESENT IN DETAIL, THE EXACT LOCATION, TYPE OF COMPONENT, NOR MANNER OF CONSTRUCTION. THE ENGINEER WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH HAVE BEEN INCORPORATED INTO THE RECORD DRAWINGS. REFER TO ORIGINAL DRAWINGS FOR SIGNATURES AND SEALS.

John P. Schwab

Date: 1/25/23

JOHN P. SCHWAB, PE# 29891
FOR AND ON BEHALF OF JPS ENGINEERING, INC.

STANDARD NOTES FOR EL PASO COUNTY GRADING AND EROSION CONTROL PLANS:

REVISED 7/02/19

- 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 FROM 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 AFFECT 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 LOOSENED 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 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.
- EROSION CONTROL BLANKETING OR OTHER PROTECTIVE COVERING SHALL 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 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.
- 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 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.
- 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.
- 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 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.
- 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.
- THE SOILS REPORT FOR THIS SITE SHALL BE CONSIDERED A PART OF THESE PLANS.
- 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 (SMWP), OF WHICH THIS GRADING AND EROSION CONTROL PLAN MAY BE A PART. FOR INFORMATION OR APPLICATION MATERIALS CONTACT:

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

| GRASS | VARIETY | LBS. PER ACRE |
|---------------------|--------------------|---------------|
| CRESTED WHEAT GRASS | EPHRAIM OR HYCREST | 4.0 LBS. |
| PERENIAL RYE | LINN | 2.0 LBS. |
| WESTERN WHEATGRASS | SARTON | 3.0 LBS. |
| SMOOTH BROME GRASS | LINCOLN OR MANCHAR | 5.0 LBS. |
| SIDEOATS GRAMA | EPHRAIM | 2.5 LBS. |
| TOTAL: | | 16.5 LBS. |

SEEDING & FERTILIZER APPLICATION: DRILL SEED OR HYDRO-SEED PER CDOT SPEC. SECTION 212.

MULCHING APPLICATION: CONFORM TO CDOT SPEC-SECTION 213.

SEDIMENT CONTROL MAINTENANCE PROGRAM:

| | |
|--------------------------------|------------------------------|
| | FREQUENCY |
| PERIODIC SITE INSPECTIONS | BI-WEEKLY ¹ |
| RE-VEGETATION OF EXPOSED SOILS | WITHIN 21 DAYS OF GRADING. |
| SEDIMENT REMOVAL FROM BMP'S | MONTHLY ² |
| REMOVAL OF BMP'S | AFTER STABILIZATION ACHIEVED |

AND AFTER ANY PRECIPITATION OR SNOW MELT EVENT THAT CAUSES SURFACE EROSION.

ACCUMULATED SEDIMENT AND DEBRIS SHALL BE REMOVED WHEN THE SEDIMENT LEVEL REACHES ONE HALF THE HEIGHT OF THE BMP OR AT ANY TIME THAT SEDIMENT OR DEBRIS ADVERSELY IMPACTS THE FUNCTION OF THE BMP.

ESTIMATED TIME SCHEDULE:

| | |
|--------------------------|-----------------|
| INSTALL BMP'S | JUNE, 2020 |
| TEMPORARY SEDIMENT BASIN | JUNE, 2020 |
| ROADWAY GRADING | JUNE, 2020 |
| SEEDING & MULCHING | MAY, 2021 |
| STABILIZATION | SEPTEMBER, 2022 |

CONTROL MEASURE/BMP PHASING PLAN:

INITIAL CONTROL MEASURES:

- VTC AT SITE ACCESS
- SILT FENCE ALONG DOWNSTREAM GRADING LIMITS
- TEMPORARY SEDIMENT BASIN

INTERIM CONTROL MEASURES:

- STRAW BALES/SCL CHECK DAMS

FINAL CONTROL MEASURES:

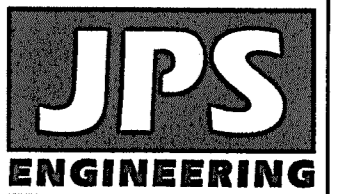
- RIPRAP APRONS
- PERMANENT DETENTION AND WATER QUALITY FACILITIES
- SEEDING AND LANDSCAPING

NOTE: NO DEDICATED ASPHALT/CONCRETE BATCH PLANTS ARE PROPOSED

NON-STRUCTURAL CONTROL MEASURES:

CONTROL MEASURES:

- PROPER HOUSEKEEPING MEASURES
- PROPER SPILL CONTAINMENT PROCEDURES



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FAX: 719-471-0766



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GALL 2-BUSINESS DAYS IN ADVANCE FOR THE MARKING OF UNDERGROUND UTILITIES.

ROLLIN RIDGE - FILING NO. 1

EROSION CONTROL NOTES

| | | | |
|--------------|---------|----------------|---------|
| HORZ. SCALE: | N/A | DRAWN: | BJJ |
| VERT. SCALE: | N/A | DESIGNED: | JPS |
| SURVEYED: | RAMPART | CHECKED: | JPS |
| CREATED: | 8/29/19 | LAST MODIFIED: | 5/13/20 |
| PROJECT NO: | 081702 | MODIFIED BY: | BJJ |

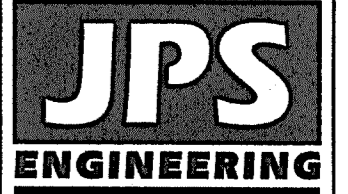


EPC 5/10/2022
EPC 10/20/2020

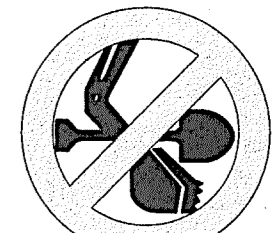
PCD FILE NO. SF-19-022

C2.1

John P. Schwab Date: 1/25/23
 JOHN P. SCHWAB, PE# 29891
 FOR AND ON BEHALF OF JPS ENGINEERING, INC.



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ROLLIN RIDGE - FILING NO. 1

| NO. | REVISION | DATE | BY |
|-----|----------------------|----------|-----|
| 1 | FINAL PLAT SUBMITTAL | 10/25/19 | JPS |
| 2 | COUNTY COMMENTS | 2/28/20 | JPS |
| 3 | COUNTY COMMENTS | 5/13/20 | JPS |

EROSION CONTROL
 DETAILS

| | | | |
|---------------|---------|----------------|---------|
| HORIZ. SCALE: | N/A | DRAWN: | BJJ |
| VERT. SCALE: | N/A | DESIGNED: | BJJ |
| SURVEYED: | RAMPART | CHECKED: | JPS |
| CREATED: | 8/29/19 | LAST MODIFIED: | 5/13/20 |
| PROJECT NO: | 081702 | MODIFIED BY: | BJJ |

SHEET: C2.2

SILT FENCE

SILT FENCE NOTES

INSTALLATION REQUIREMENTS

- SILT FENCES SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBING ACTIVITIES.
- WHEN JOINTS ARE NECESSARY, SILT FENCE GEOTEXTILE SHALL BE SPUN TOGETHER ONLY AT SUPPORT POST AND SECURELY SEALED.
- METAL POSTS SHALL BE "STUDDED TEE" OR "I" TYPE WITH MINIMUM WEIGHT OF 1.33 POUNDS PER LINEAR FOOT. WOOD POSTS SHALL HAVE A MINIMUM DIAMETER OR CROSS SECTION DIMENSION OF 2 INCHES.
- THE FILTER MATERIAL SHALL BE FASTENED SECURELY TO METAL OR WOOD POSTS USING WIRE TIES, OR TO WOOD POSTS WITH 3/4" LONG #9 HEAVY-DUTY STAPLES. THE SILT FENCE GEOTEXTILE SHALL NOT BE STAPLED TO EXISTING TREES.
- WHILE NOT REQUIRED, WIRE MESH FENCE MAY BE USED TO SUPPORT THE GEOTEXTILE. WIRE FENCE SHALL BE FASTENED SECURELY TO THE UPSLOPE SIDE OF THE POSTS USING HEAVY-DUTY WIRE STAPLES AT LEAST 3/4" LONG. THE WIRE SHALL EXTEND INTO THE TRENCH A MINIMUM OF 6" AND SHALL NOT EXTEND MORE THAN 3' ABOVE THE ORIGINAL GROUND SURFACE.
- ALONG THE TOE OF FILLS, INSTALL THE SILT FENCE ALONG A LEVEL CONTOUR AND PROVIDE AN AREA BEHIND THE FENCE FOR RUNOFF TO POND AND SEDIMENT TO SETTLE. A MINIMUM DISTANCE OF 5 FEET FROM THE TOE OF THE FILL IS RECOMMENDED.
- THE HEIGHT OF THE SILT FENCE FROM THE GROUND SURFACE SHALL BE MINIMUM OF 24 INCHES AND SHALL NOT EXCEED 36 INCHES; HIGHER FENCES MAY INPOUND VOLUMES OF WATER SUFFICIENT TO CAUSE FAILURE OF THE STRUCTURE.

MAINTENANCE REQUIREMENTS

- CONTRACTOR SHALL INSPECT SILT FENCES IMMEDIATELY AFTER EACH RAINFALL, AT LEAST DAILY DURING PROLONGED RAINFALL, AND WEEKLY DURING PERIODS OF NO RAINFALL. DAMAGED, COLLAPSED, UNENTRENCHED OR INEFFECTIVE SILT FENCES SHALL BE PROMPTLY REPAIRED OR REPLACED.
- SEDIMENT SHALL BE REMOVED FROM BEHIND SILT FENCE WHEN IT ACCUMULATES TO HALF THE EXPOSED GEOTEXTILE HEIGHT.
- SILT FENCES SHALL BE REMOVED WHEN ADEQUATE VEGETATIVE COVER IS ATTAINED AS APPROVED BY THE CITY.

City of Colorado Springs Stormwater Quality
 Figure SF-2 Silt Fence Construction Detail and Maintenance Requirements
 3-36

VEHICLE TRACKING

INSTALLATION REQUIREMENTS

- ALL ENTRANCES TO THE CONSTRUCTION SITE ARE TO BE STABILIZED PRIOR TO CONSTRUCTION BEGINNING.
- CONSTRUCTION ENTRANCES ARE TO BE BUILT WITH AN APRON TO ALLOW FOR TURNING TRAFFIC, BUT SHOULD NOT BE BUILT OVER EXISTING PAVEMENT EXCEPT FOR A SLIGHT OVERLAP.
- AREAS TO BE STABILIZED ARE TO BE PROPERLY GRADED AND COMPACTED PRIOR TO LAYING DOWN GEOTEXTILE AND STONE.
- CONSTRUCTION ROADS, PARKING AREAS, LOADING/UNLOADING ZONES, STORAGE AREAS, AND STAGING AREAS ARE TO BE STABILIZED.
- CONSTRUCTION ROADS ARE TO BE BUILT TO CONFORM TO SITE GRADES, BUT SHOULD NOT HAVE SIDE SLOPES OR ROAD GRADES THAT ARE EXCESSIVELY STEEP.

MAINTENANCE REQUIREMENTS

- REGULAR INSPECTIONS ARE TO BE MADE OF ALL STABILIZED AREAS, ESPECIALLY AFTER STORM EVENTS.
- STONES ARE TO BE REAPPLIED PERIODICALLY AND WHEN REPAIR IS NECESSARY.
- SEDIMENT TRACKED ONTO PAVED ROADS IS TO BE REMOVED DAILY BY SHOVELING OR SWEEPING. SEDIMENT IS NOT TO BE WASHED DOWN STORM SEWER DRAINS.
- STORM SEWER INLET PROTECTION IS TO BE IN PLACE, INSPECTED, AND CLEANED IF NECESSARY.
- OTHER ASSOCIATED SEDIMENT CONTROL MEASURES ARE TO BE INSPECTED TO ENSURE GOOD WORKING CONDITION.

City of Colorado Springs Stormwater Quality
 Figure VT-2 Vehicle Tracking Application Examples
 3-64

STRAW BALE BARRIER

INSTALLATION REQUIREMENTS

- STRAW BALE BARRIERS SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBING ACTIVITIES.
- BALES SHALL CONSIST OF APPROXIMATELY 5 CUBIC FEET OF CERTIFIED WEED FREE HAY OR STRAW AND WEIGH NOT LESS THAN 35 POUNDS.
- BALES ARE TO BE PLACED IN A SINGLE ROW WITH THE END OF THE BALES TIGHTLY ABUTTING ONE ANOTHER.
- EACH BALE IS TO BE SECURELY ANCHORED WITH AT LEAST TWO STAVES AND THE FIRST STAVE IS TO BE DRIVEN TOWARD THE PREVIOUSLY LAID BALE TO FORCE THE BALES TOGETHER.
- STAVES ARE TO BE A MINIMUM OF 42 INCHES LONG. METAL STAVES SHALL BE STANDARD T1 OR T2 TYPE WITH MINIMUM WEIGHT OF 1.33 POUNDS PER LINEAR FOOT. WOOD STAVES SHALL HAVE A MINIMUM DIAMETER OR CROSS SECTION DIMENSION OF 2 INCHES.
- BALES ARE TO BE BOUND WITH EITHER WIRE OR STRING AND ORIENTED SUCH THAT THE ENDINGS ARE AROUND THE SIDES AND NOT ALONG THE TOPS AND BOTTOMS OF THE BALE.
- GAPS BETWEEN BALES ARE TO BE CHINKED (FILLED BY WEDGING) WITH STRAW OR THE SAME MATERIAL OF THE BALE.
- END BALES ARE TO EXTEND UPSLOPE SO THE TRAPPED RUNOFF CANNOT FLOW AROUND THE ENDS OF THE BARRIER.

MAINTENANCE REQUIREMENTS

- CONTRACTOR SHALL INSPECT STRAW BALE BARRIERS IMMEDIATELY AFTER EACH RAINFALL, AT LEAST DAILY DURING PROLONGED RAINFALL, AND WEEKLY DURING PERIODS OF NO RAINFALL.
- DAMAGED OR INEFFECTIVE BARRIERS SHALL PROMPTLY BE REPAIRED, REPLACING BALES IF NECESSARY, AND UNENTRENCHED BALES NEED TO BE REPAIRED WITH COMPACTED BACKFILL MATERIAL.
- SEDIMENT SHALL BE REMOVED FROM BEHIND STRAW BALE BARRIERS WHEN IT ACCUMULATES TO APPROXIMATELY 1/2 THE HEIGHT OF THE BARRIER.
- STRAW BALE BARRIERS SHALL BE REMOVED WHEN ADEQUATE VEGETATIVE COVER IS ATTAINED AS APPROVED BY THE CITY.

City of Colorado Springs Stormwater Quality
 Figure SBB-2 Straw Bale Barrier Construction Detail and Maintenance Requirements
 3-42

Netting Application Examples

On shallow slopes, strips of netting may be applied across the slope.

Where there is a berm at the top of the slope, bring the netting over the berm and anchor it behind the berm.

On steep slopes, apply strips of netting parallel to the direction of flow and anchor securely.

Bring netting down to a level area before terminating the installation. Turn the end under 6" and staple at 12" intervals.

In ditches, apply netting parallel to the direction of flow. Use check slots every 15 feet. Do not join strips in the center of the ditch.

City of Colorado Springs Storm Water Quality
 Figure ECB-1 Erosion Control Blanket Application Examples
 3-48

CHECK DAM

CHECK DAM NOTES

INSTALLATION REQUIREMENTS

- STRAW BALES USED AS CHECK DAMS ARE TO MEET THE REQUIREMENTS STATED IN FIGURE SBB-2.
- THE "H" DIMENSION SHALL BE SELECTED TO PROVIDE THEIR FLOW CONVEYANCE FOR 2-YEAR FLOW OR GREATER.

MAINTENANCE REQUIREMENTS

- REGULAR INSPECTIONS ARE TO BE MADE OF ALL CHECK DAMS, ESPECIALLY AFTER STORM EVENTS.
- REPLACE STONE AS NECESSARY TO MAINTAIN THE CORRECT HEIGHT OF THE DAM.
- ACCUMULATED SEDIMENT AND DEBRIS IS TO BE REMOVED FROM BEHIND THE DAMS AFTER EACH STORM OR WHEN 1/2 OF THE ORIGINAL HEIGHT OF THE DAM IS REACHED.
- CHECK DAMS ARE TO REMAIN IN PLACE AND OPERATIONAL UNTIL THE DRAINAGE AREA AND CHANNEL ARE PERMANENTLY STABILIZED.
- WHEN CHECK DAMS ARE REMOVED THE CHANNEL LINING OR VEGETATION IS TO BE RESTORED.

City of Colorado Springs Stormwater Quality
 Figure CD-1 Check Dam Construction Detail and Maintenance Requirements
 3-20

SEDIMENT BASIN

SEDIMENT BASIN NOTES

INSTALLATION REQUIREMENTS

- SEDIMENT BASINS SHALL BE INSTALLED BEFORE ANY CLEARING AND/OR GRADING IS UNDERTAKEN.
- THE AREA UNDER WHICH THE EMBANKMENT IS TO BE INSTALLED SHALL BE CLEARED, GRUBBED, AND STRIPPED OF ALL VEGETATION AND ROOT MAT.
- THE OUTLET OF THE BASIN SHALL BE DESIGNED TO DRAIN ITS VOLUME IN 40 HOURS.
- THE OUTLET IS TO BE LOCATED AT THE FURTHEST DISTANCE FROM THE INLET OF THE BASIN. Baffles MAY BE NEEDED TO INCREASE THE FLOW LENGTH AND SETTLING TIME.
- EMBANKMENT MATERIAL SHALL CONSIST OF SOIL WITH A MINIMUM OF 15% PASSING A #20 SIEVE. EXCAVATED SOIL CAN BE USED IF IT MEETS THIS REQUIREMENT.
- EMBANKMENT IS TO BE COMPACTED TO AT LEAST 90% OF MAXIMUM DENSITY AND WITHIN 2% OF OPTIMUM MOISTURE CONTENT ACCORDING TO ASTM D 698.
- WHEN A BASIN IS INSTALLED NEAR A RESIDENTIAL AREA, FOR SAFETY REASONS, A SIGN SHALL BE POSTED AND THE AREA SECURED WITH A FENCE.

MAINTENANCE REQUIREMENTS

- CONTRACTOR SHALL INSPECT SEDIMENT BASINS AFTER EACH RAINFALL, AT LEAST DAILY DURING PROLONGED RAINFALL, AND WEEKLY DURING PERIODS OF NO RAINFALL.
- SEDIMENT BASINS SHALL BE CLEANED OUT BEFORE SEDIMENT HAS FILLED HALF THE VOLUME OF THE BASIN.
- SEDIMENT BASINS SHALL REMAIN OPERATIONAL AND PROPERLY MAINTAINED UNTIL THE SITE AREA IS PERMANENTLY STABILIZED WITH ADEQUATE VEGETATIVE COVER AND/OR OTHER PERMANENT STRUCTURE AS APPROVED BY THE CITY.

City of Colorado Springs Stormwater Quality
 Figure SB-1 Sediment Basin Construction Detail and Maintenance Requirements
 3-32

TABLE SB-1

| Design Volume (acre-ft) | Depth at Outlet (ft) | | | | | | |
|-------------------------|----------------------|------|------|------|------|------|------|
| | 1.0 | 1.5 | 2.0 | 2.5 | 3.0 | 3.5 | 4.0 |
| 2 | 16.04 | 7.71 | 5.10 | 3.76 | 2.86 | 2.41 | 2.02 |
| 1 | 7.52 | 3.99 | 2.65 | 1.98 | 1.48 | 1.21 | 1.01 |
| 0.8 | 4.51 | 2.31 | 1.53 | 1.13 | 0.89 | 0.72 | 0.61 |
| 0.4 | 3.01 | 1.54 | 1.02 | 0.75 | 0.59 | 0.48 | 0.40 |
| 0.2 | 1.92 | 0.77 | 0.51 | 0.39 | 0.30 | 0.24 | 0.17 |
| 0.1 | 0.73 | 0.39 | 0.28 | 0.19 | 0.15 | 0.12 | 0.09 |
| 0.05 | 0.45 | 0.23 | 0.15 | 0.11 | 0.09 | 0.07 | 0.05 |
| 0.04 | 0.30 | 0.15 | 0.10 | 0.08 | 0.06 | 0.05 | 0.03 |
| 0.02 | 0.13 | 0.08 | 0.05 | 0.04 | 0.03 | 0.02 | 0.02 |
| 0.01 | 0.08 | 0.04 | 0.03 | 0.02 | 0.01 | 0.01 | 0.01 |

TABLE SB-2

| Vale Diameter (ft) | Vale Diameter (ft) | Area per Row (sq ft) | | |
|--------------------|--------------------|----------------------|------|------|
| | | n=1 | n=2 | n=3 |
| 1/4 | 0.250 | 0.05 | 0.10 | 0.16 |
| 5/16 | 0.313 | 0.08 | 0.15 | 0.23 |
| 3/8 | 0.375 | 0.11 | 0.22 | 0.33 |
| 7/16 | 0.438 | 0.15 | 0.30 | 0.45 |
| 1/2 | 0.500 | 0.20 | 0.39 | 0.59 |
| 9/16 | 0.563 | 0.25 | 0.50 | 0.75 |
| 5/8 | 0.625 | 0.31 | 0.61 | 0.92 |
| 11/16 | 0.688 | 0.37 | 0.74 | 1.11 |
| 3/4 | 0.750 | 0.44 | 0.88 | 1.33 |
| 7/8 | 0.875 | 0.60 | 1.20 | 1.80 |
| 1 | 1.000 | 0.79 | 1.57 | 2.36 |
| 1 1/8 | 1.125 | 0.99 | 1.99 | 2.98 |
| 1 1/4 | 1.250 | 1.23 | 2.45 | 3.68 |
| 1 3/8 | 1.375 | 1.46 | 2.97 | 4.45 |
| 1 1/2 | 1.500 | 1.77 | 3.63 | 5.20 |
| 1 5/8 | 1.625 | 2.07 | 4.16 | 6.22 |
| 1 3/4 | 1.750 | 2.41 | 4.81 | 7.22 |
| 1 7/8 | 1.875 | 2.78 | 5.52 | 8.28 |
| 2 | 2.000 | 3.14 | 6.28 | 9.42 |

City of Colorado Springs Stormwater Quality
 Figure SB-2 Outlet Sizing Application Techniques and Maintenance Requirements
 3-33

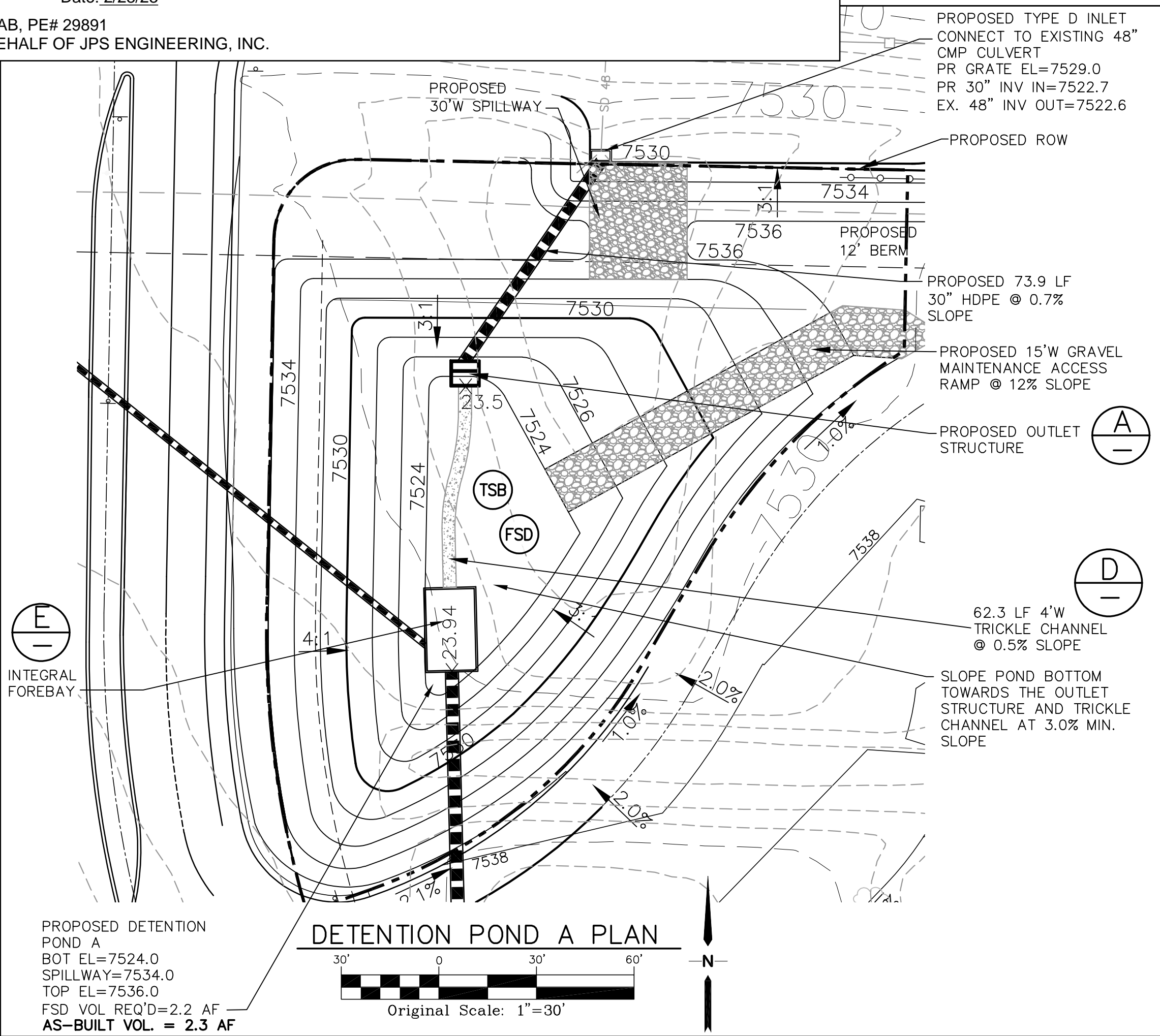
NOTE: SEE TSB DEIGN PARAMETERS TABULATED ON SH. C3.1 - C3.2



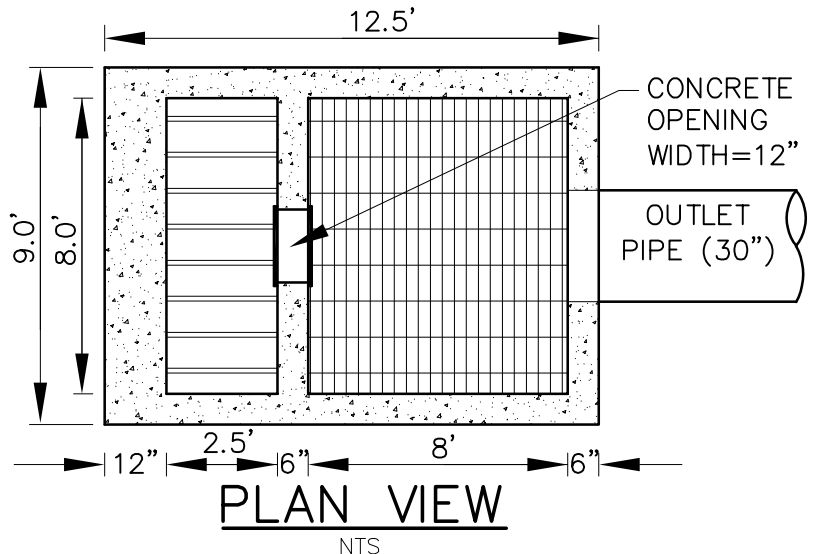
PCD FILE NO. SF-19-022

ENGINEERING RECORD DRAWINGS
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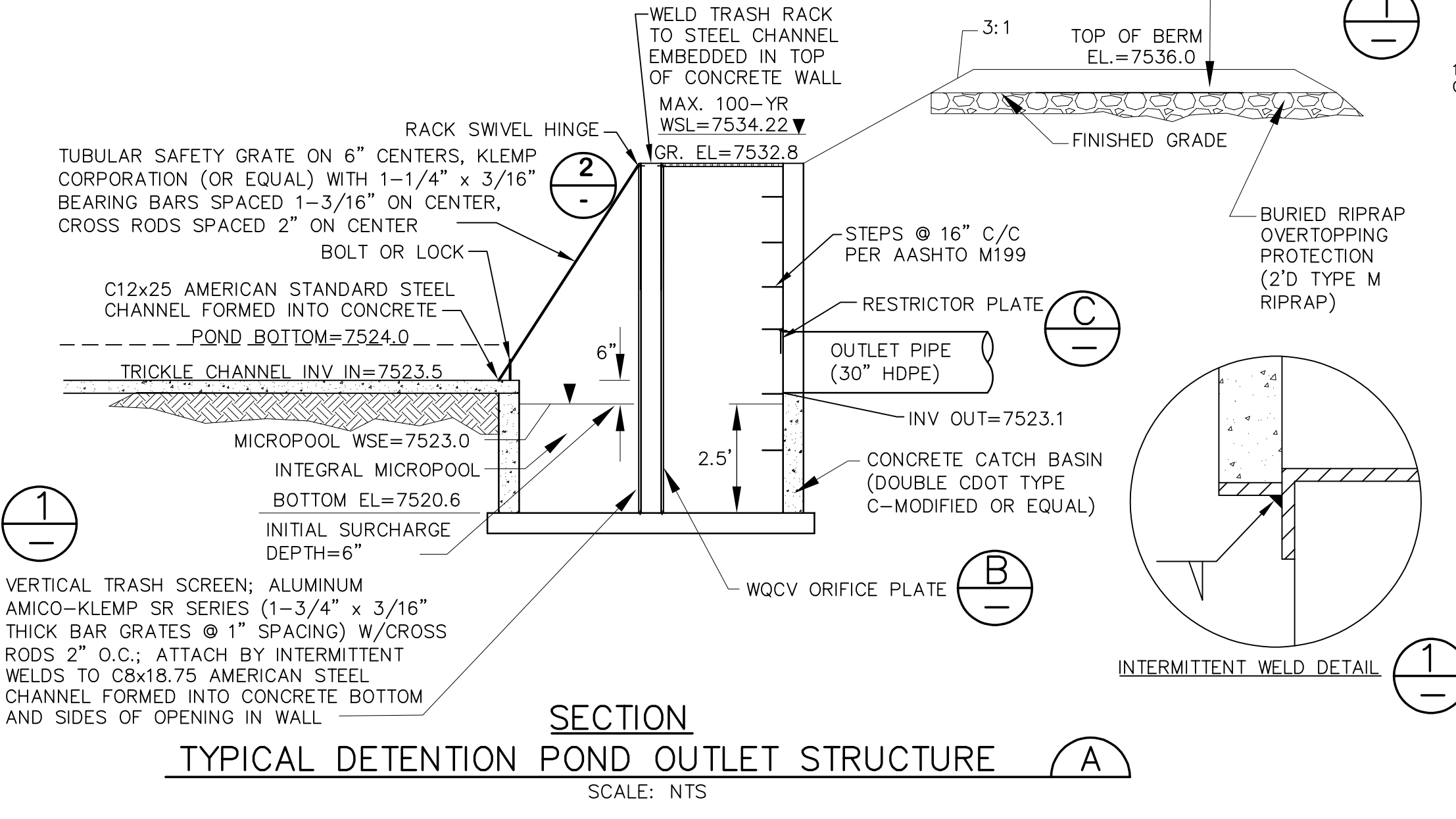
John P. Schwab Date: 2/28/23
 JOHN P. SCHWAB, PE# 29891
 FOR AND ON BEHALF OF JPS ENGINEERING, INC.



DETENTION POND A PLAN
 Original Scale: 1"=30'



PLAN VIEW
 NTS

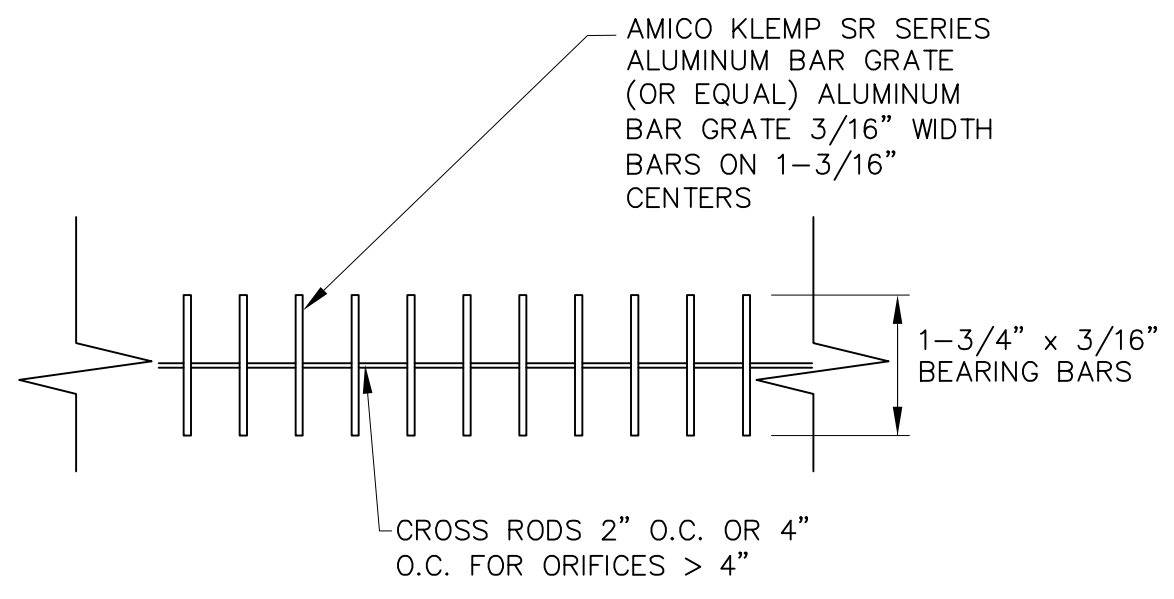


TYPICAL DETENTION POND OUTLET STRUCTURE
 SCALE: NTS

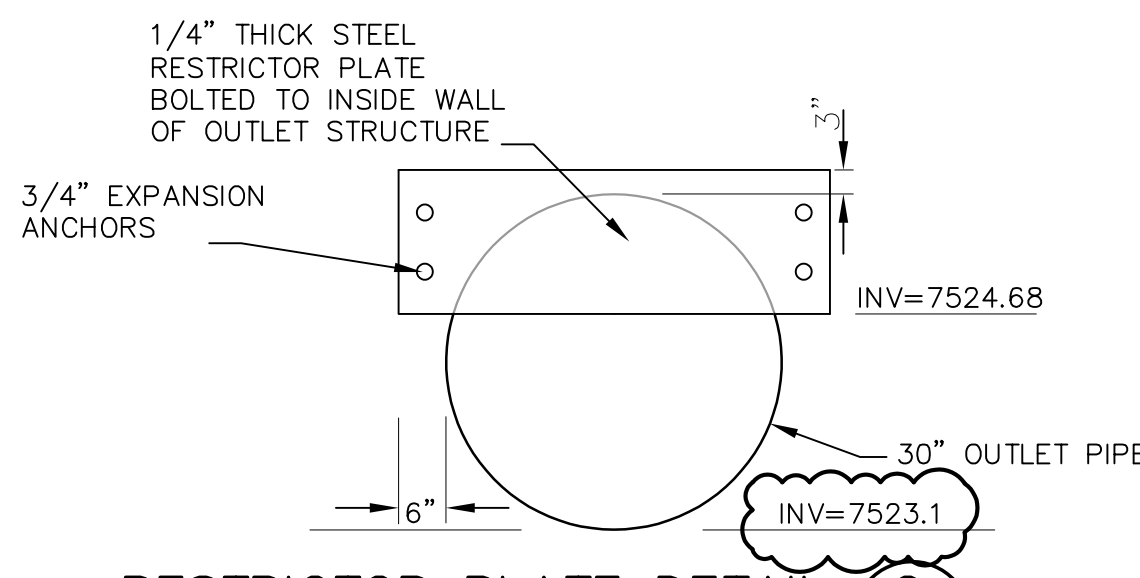
TEMPORARY SEDIMENT BASIN DESIGN DATA - POND A

| BASIN | DRAINAGE AREA (AC) | REQUIRED VOLUME (AF) | D (FT) | HD* (IN) | # COLUMNS | # ROWS |
|-------|--------------------|----------------------|--------|----------|-----------|--------|
| A | 54.6 | 2.3 | 4.5 | 7/8" | 3 | 13 |

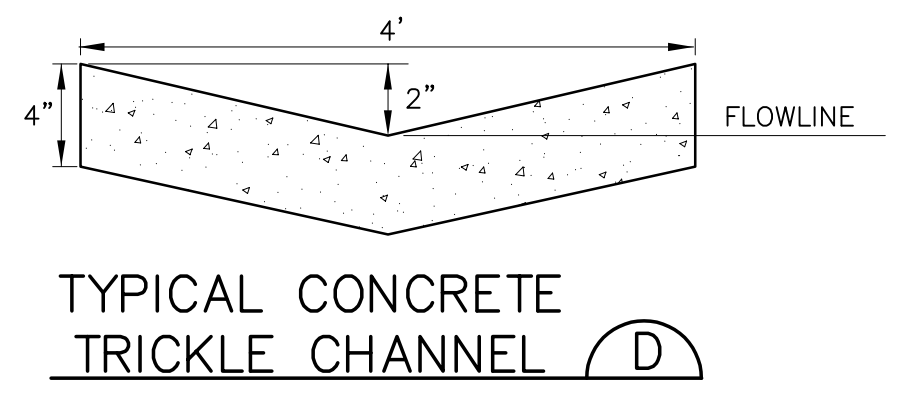
* PERFORATIONS AT 4" VERTICAL SPACING



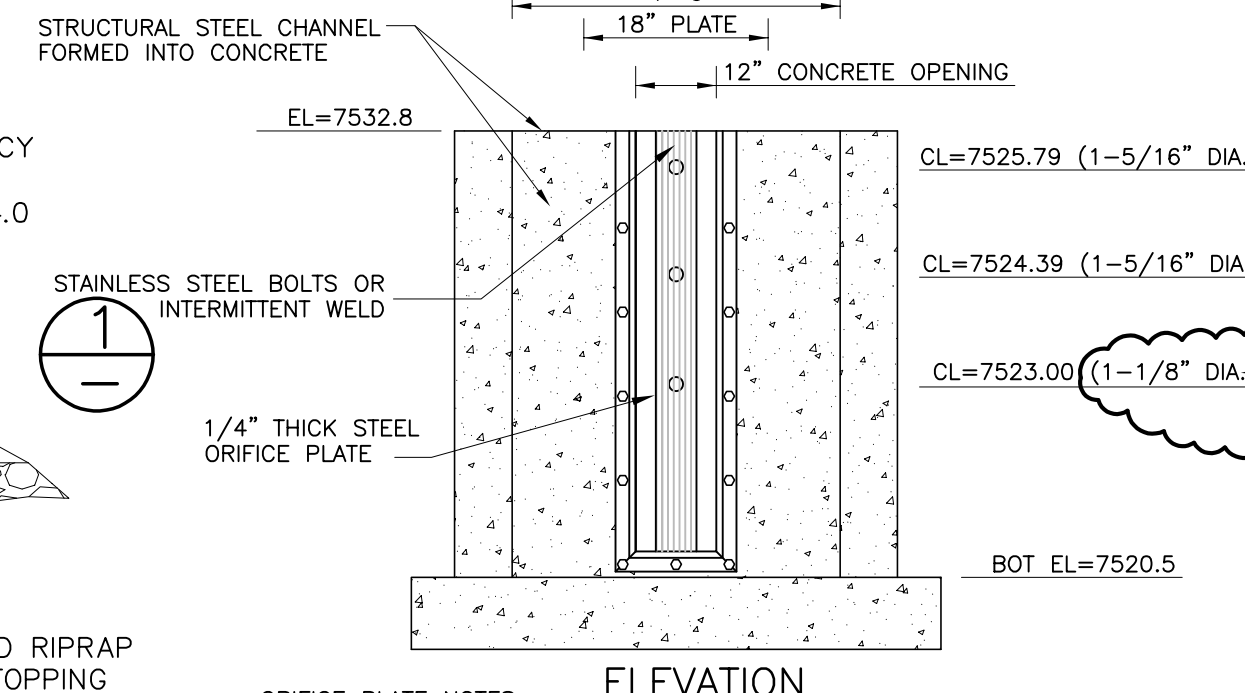
TRASH GRATE SECTION
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RESTRICTOR PLATE DETAIL
 NTS



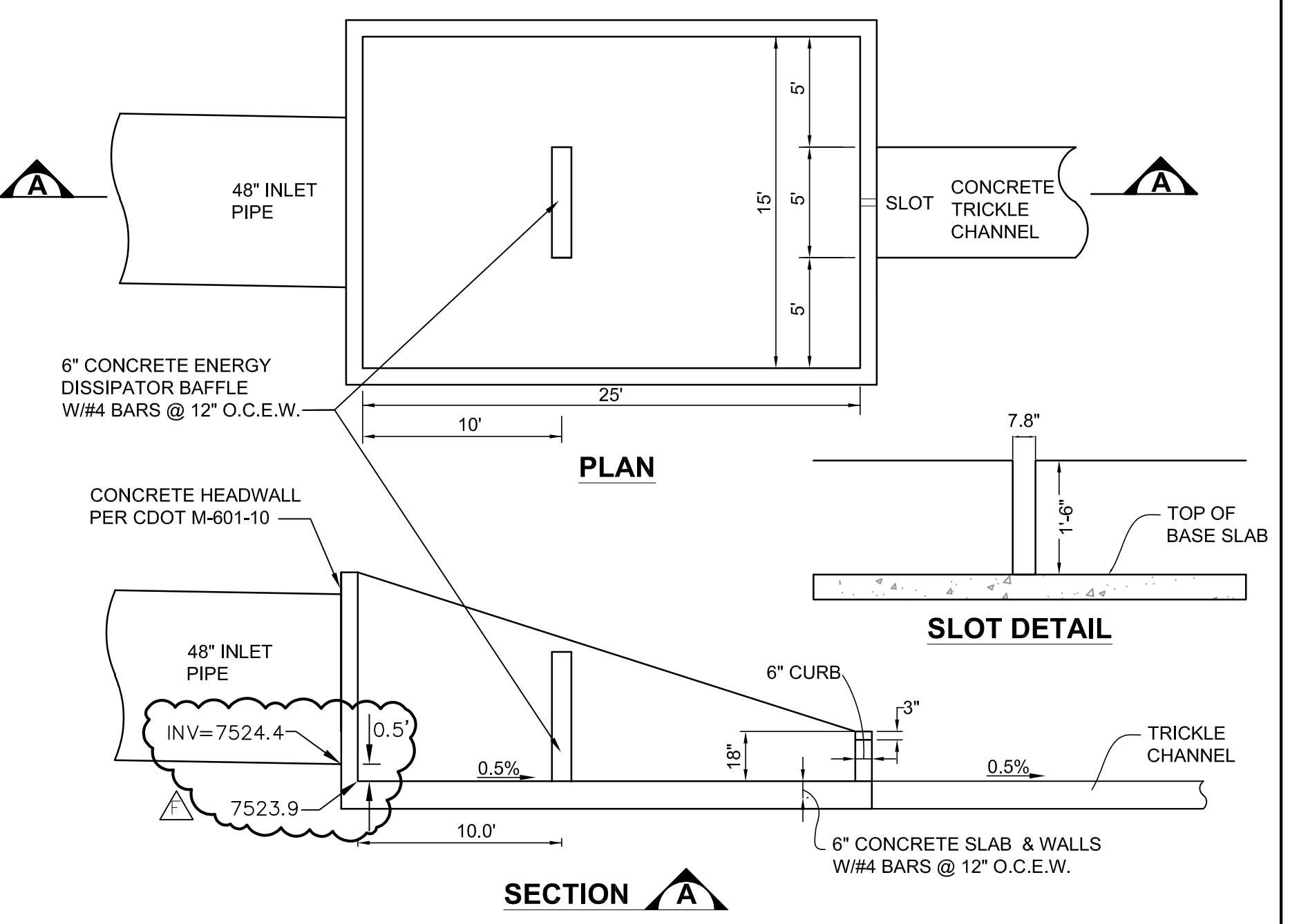
TYPICAL CONCRETE TRICKLE CHANNEL
 D



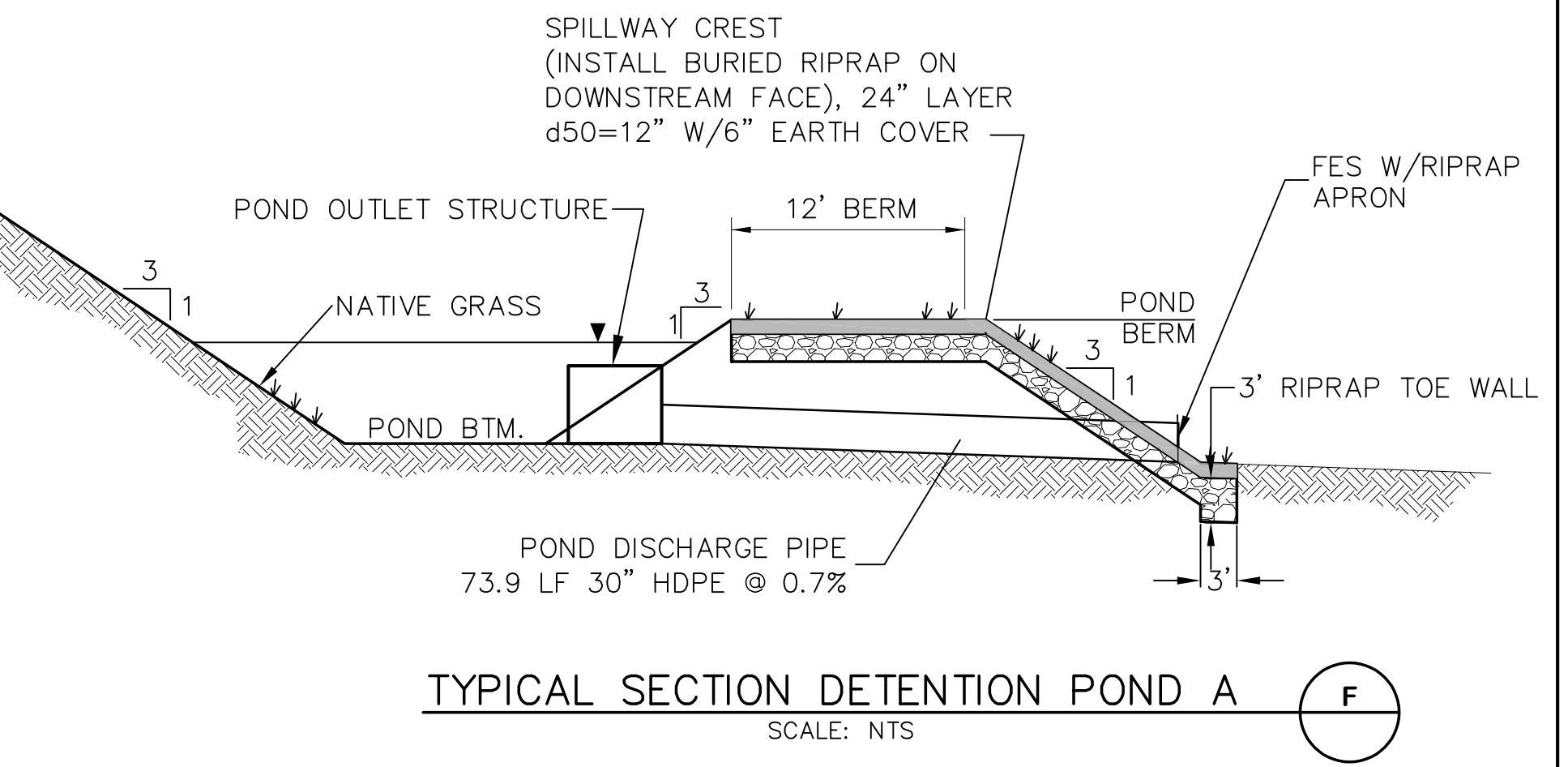
- ORIFICE PLATE NOTES:**
- PROVIDE GASKET MATERIAL BETWEEN THE ORIFICE PLATE AND CONCRETE.
 - BOLT PLATE TO CONCRETE 12" MAX. ON CENTER.
- EURY AND WQCV TRASH RACKS:**
- WELL-SCREEN TRASH RACKS (FOR CIRCULAR ORIFICES) SHALL BE STAINLESS STEEL AND SHALL BE ATTACHED BY INTERMITTENT WELDS ALONG THE EDGE OF THE MOUNTING FRAME.
- OVERFLOW TRASH RACKS:**
- ALL TRASH RACKS SHALL BE MOUNTED USING STAINLESS STEEL HARDWARE AND PROVIDED WITH HINGED AND LOCKABLE OR BOLTABLE ACCESS PANELS.
 - TRASH RACKS SHALL BE STAINLESS STEEL, ALUMINUM, OR STEEL. STEEL TRASH RACKS SHALL BE HOT DIP GALVANIZED AND MAY BE HOT POWDER COATED AFTER GALVANIZING.

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

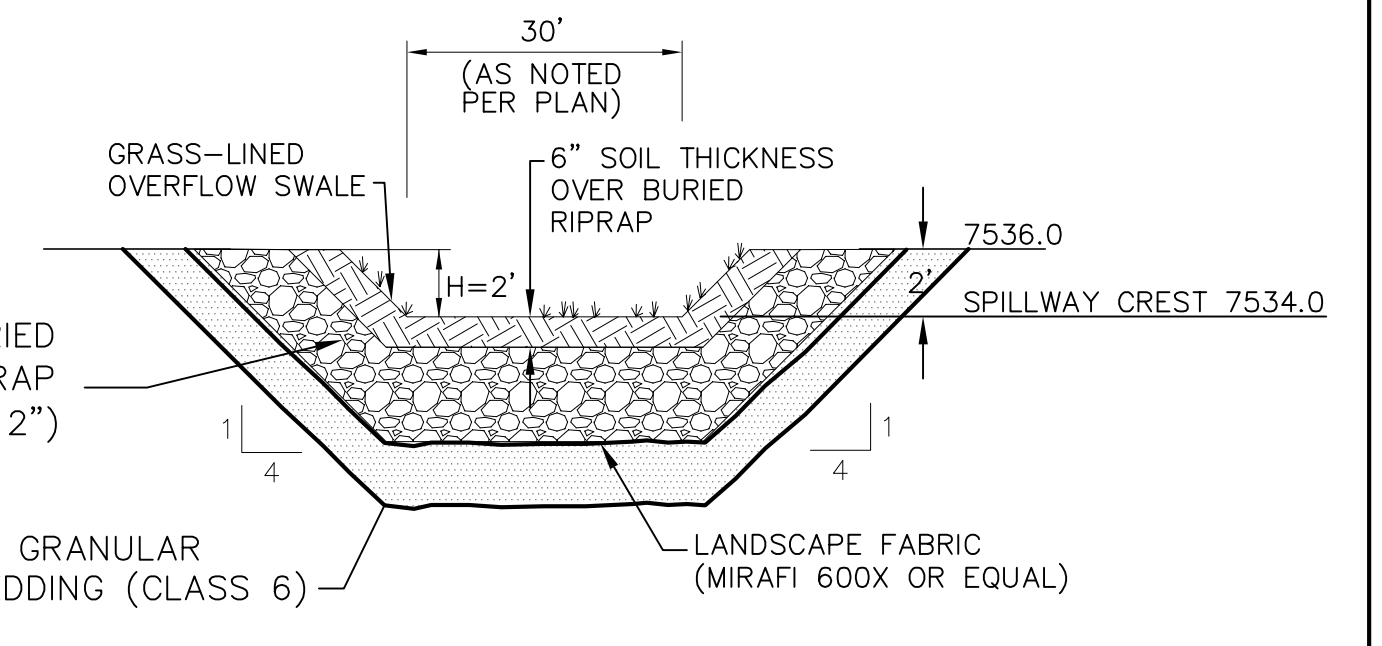
ORIFICE PLATE AND TRASH RACK DETAILS AND NOTES
 NTS



INTEGRAL FOREBAY DETAIL
 SCALE: NTS

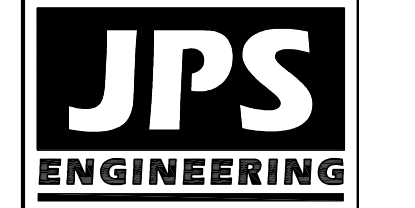


TYPICAL SECTION DETENTION POND A
 SCALE: NTS



PROPOSED SPILLWAY DETAIL
 SCALE: NTS

- RIPRAP NOTES:**
- RIPRAP SHALL HAVE A MINIMUM SPECIFIC GRAVITY OF 2.6.
 - RIPRAP GRADATION SHALL CONFORM TO TABLE 10-7 AND 10-8 OF THE EPC DRAINAGE CRITERIA MANUAL.
 - CONTRACTOR SHALL SUBMIT RIPRAP GRADATION TO ENGINEER FOR APPROVAL PRIOR TO DELIVERY.



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| No. | REVISION | DATE | BY |
|-----|----------------------------|---------|-----|
| 1 | COUNTY COMMENTS | 5/13/20 | JPS |
| 2 | COUNTY COMMENTS | 7/16/20 | JPS |
| 3 | COUNTY COMMENTS | 9/08/20 | JPS |
| 4 | AS-BUILT POND VOLUME NOTED | 8/26/22 | JPS |
| 5 | ORIFICE PLATE REV | 2/28/23 | JPS |

ROLLIN RIDGE - FILING NO. 1

DETENTION POND A PLAN & DETAILS

| HORZ. SCALE: | N/A | DRAWN: | BJJ |
|--------------|---------|----------------|---------|
| VERT. SCALE: | N/A | DESIGNED: | JPS |
| SURVEYED: | RAMPART | CHECKED: | JPS |
| CREATED: | 7/02/19 | LAST MODIFIED: | 2/28/23 |
| PROJECT NO: | 081702 | MODIFIED BY: | BJJ |

C3.1

PCD File No. SF-19-022

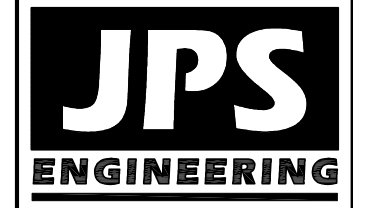
TEMPORARY RECORD DRAWINGS

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John P. Schwab

Date: 2/28/23

JOHN P. SCHWAB, PE# 29891
FOR AND ON BEHALF OF JPS ENGINEERING, INC.



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| NO. | REVISION | DATE | BY |
|-----|----------------------------|---------|-----|
| 1 | COUNTY COMMENTS | 7/16/20 | JPS |
| 2 | COUNTY COMMENTS | 9/08/20 | JPS |
| 3 | POND B ACCESS REVISION | 4/26/22 | JPS |
| 4 | AS-BUILT POND / OUTLET REV | 2/28/23 | JPS |

**DETENTION POND B
PLAN & DETAILS**

| | | | |
|---------------|---------|----------------|---------|
| HORIZ. SCALE: | N/A | DRAWN: | BJJ |
| VERT. SCALE: | N/A | DESIGNED: | BJJ |
| SURVEYED: | RAMPART | CHECKED: | JPS |
| CREATED: | 7/02/19 | LAST MODIFIED: | 2/28/23 |
| PROJECT NO: | 081702 | MODIFIED BY: | BJJ |
| SHEET: | | | |

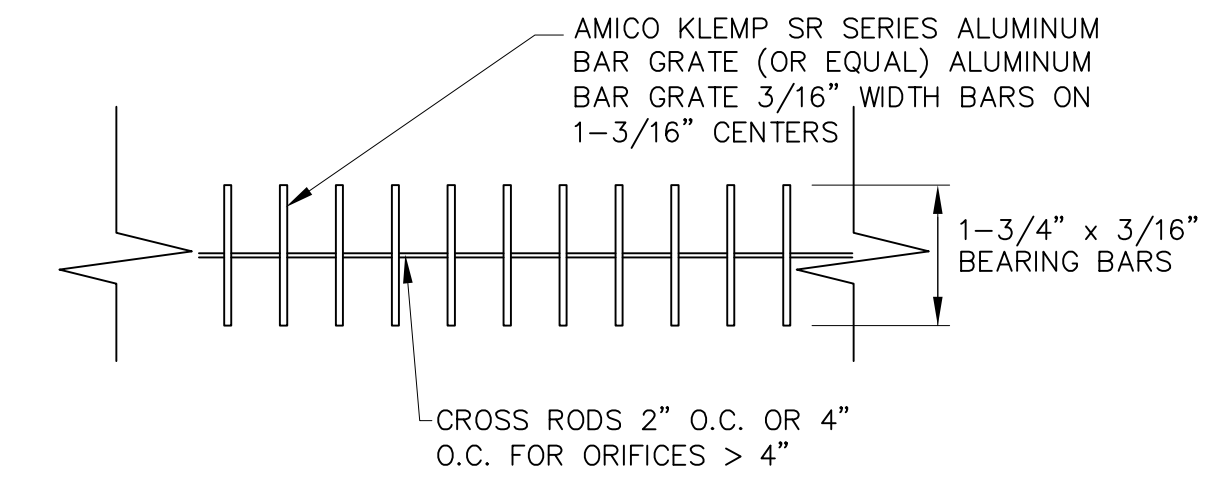
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PCD File No. SF-19-022
PCD File No. SF-21-043

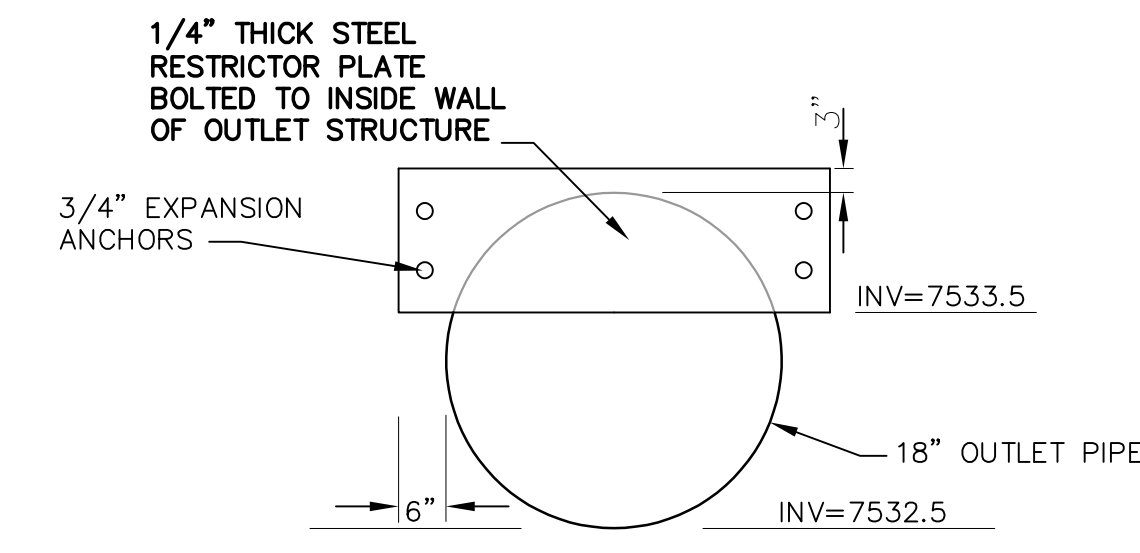
**TEMPORARY SEDIMENT BASIN
DESIGN DATA - POND B**

| BASIN | DRAINAGE AREA (AC) | REQUIRED VOLUME (AF) | D (FT) | HD* (IN) | # COLUMNS | # ROWS |
|-------|--------------------|----------------------|--------|----------|-----------|--------|
| B | 11.8 | 0.5 | 3 | 5/8" | 3 | 9 |

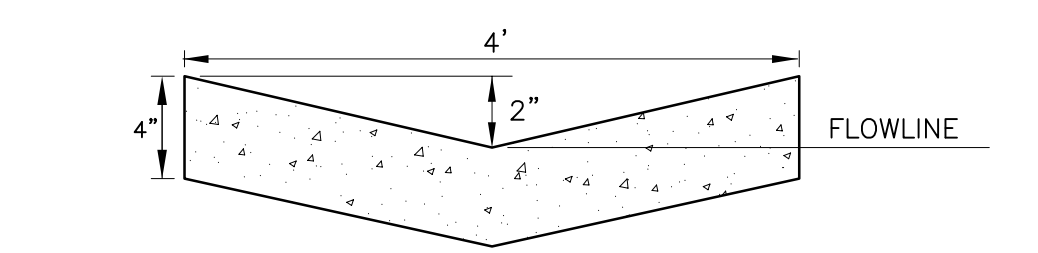
* PERFORATIONS AT 4" VERTICAL SPACING



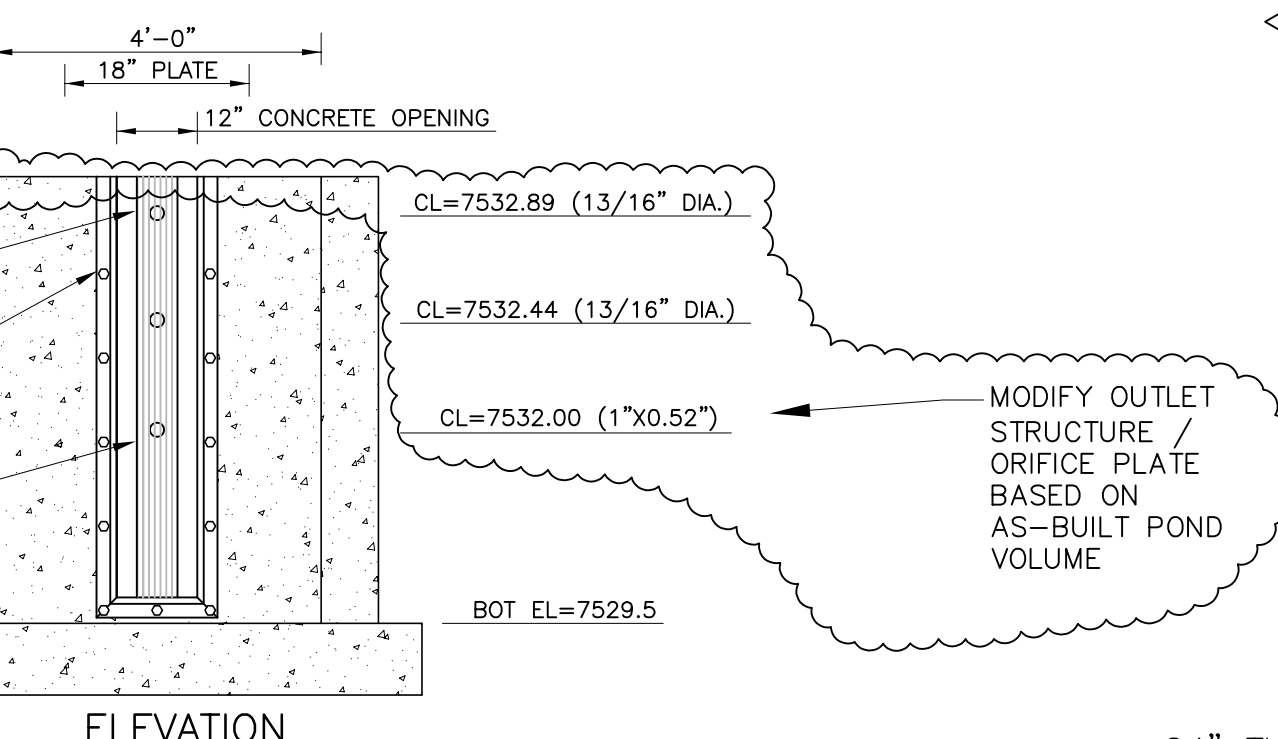
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NTS



RESTRICTOR PLATE DETAIL (C)
NTS

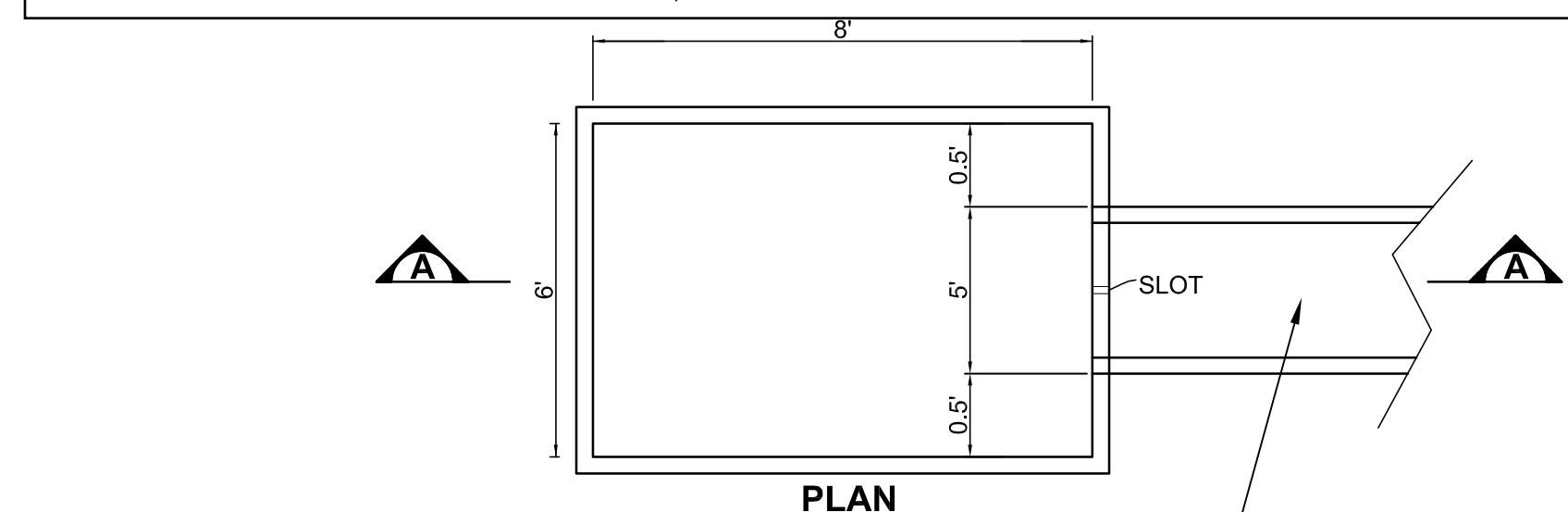


TYPICAL CONCRETE TRICKLE CHANNEL (D)
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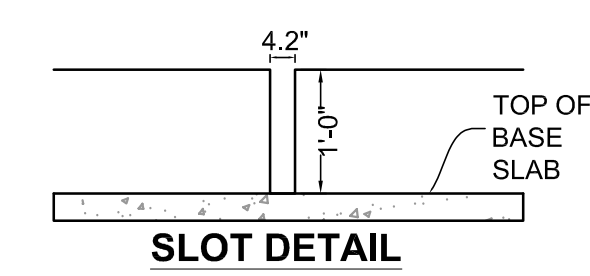


**ORIFICE PLATE AND TRASH RACK
DETAILS AND NOTES** (B)
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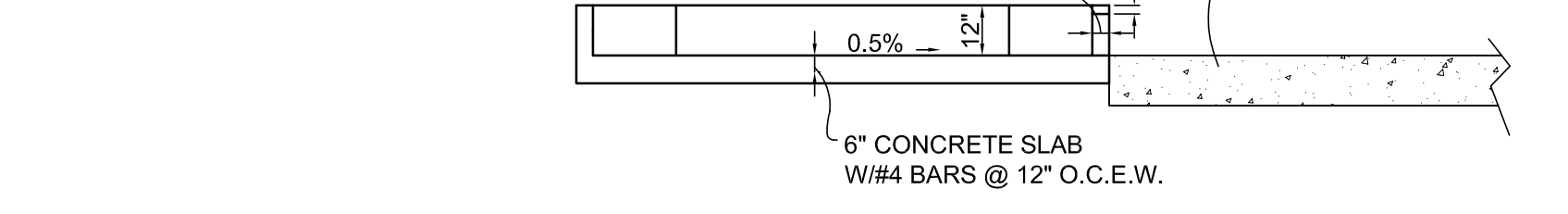
- ORIFICE PLATE NOTES:**
1. PROVIDE GASKET MATERIAL BETWEEN THE ORIFICE PLATE AND CONCRETE.
 2. BOLT PLATE TO CONCRETE 12" MAX. ON CENTER.
- EURV AND WQCV TRASH RACKS:**
1. WELL-SCREEN TRASH RACKS (FOR CIRCULAR ORIFICES) SHALL BE STAINLESS STEEL AND SHALL BE ATTACHED BY INTERMITTENT WELDS ALONG THE EDGE OF THE MOUNTING FRAME.
- OVERFLOW TRASH RACKS:**
1. ALL TRASH RACKS SHALL BE MOUNTED USING STAINLESS STEEL HARDWARE AND PROVIDED WITH HINGED AND LOCKABLE OR BOLTABLE ACCESS PANELS.
 2. TRASH RACKS SHALL BE STAINLESS STEEL, ALUMINUM, OR STEEL. STEEL TRASH RACKS SHALL BE HOT DIP GALVANIZED AND MAY BE HOT POWDER COATED AFTER GALVANIZING.
 3. TRASH RACKS SHALL BE CHOSEN SUCH THAT THE DIAGONAL DIMENSION OF EACH OPENING IS SMALLER THAN THE DIAMETER OF THE OUTLET PIPE.



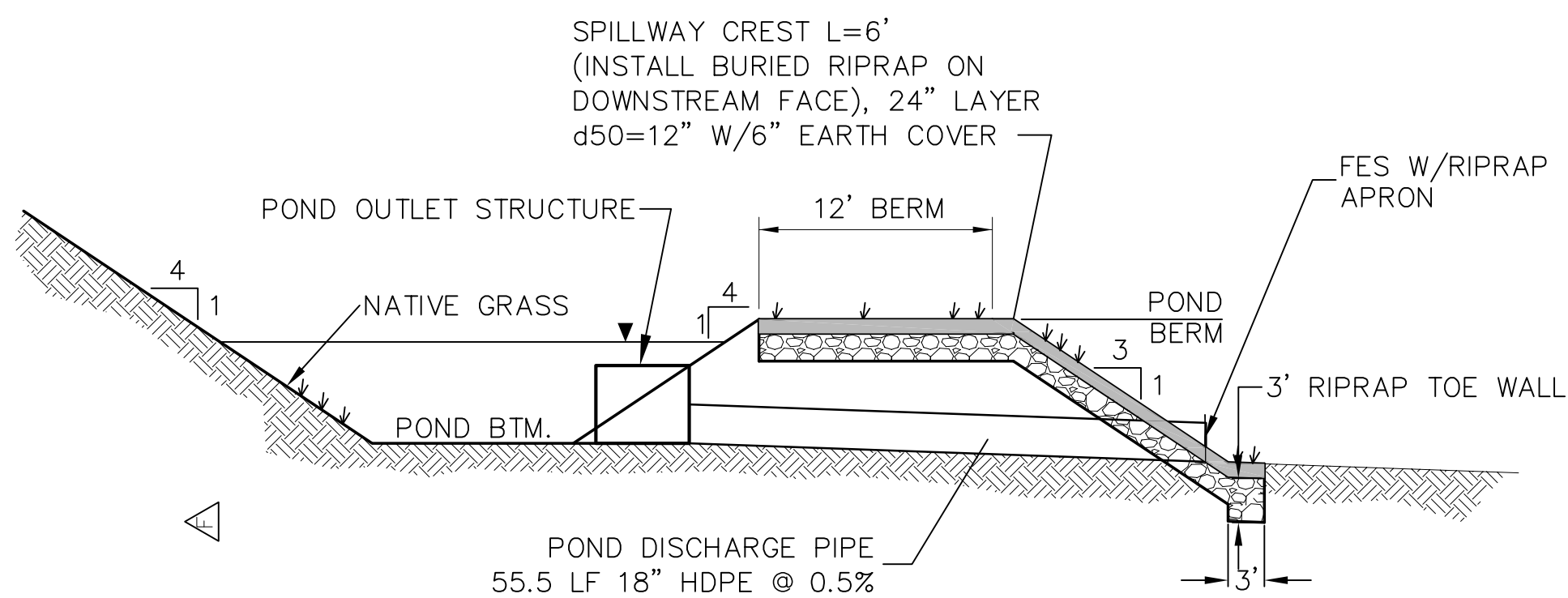
PLAN
CONCRETE TRICKLE CHANNEL



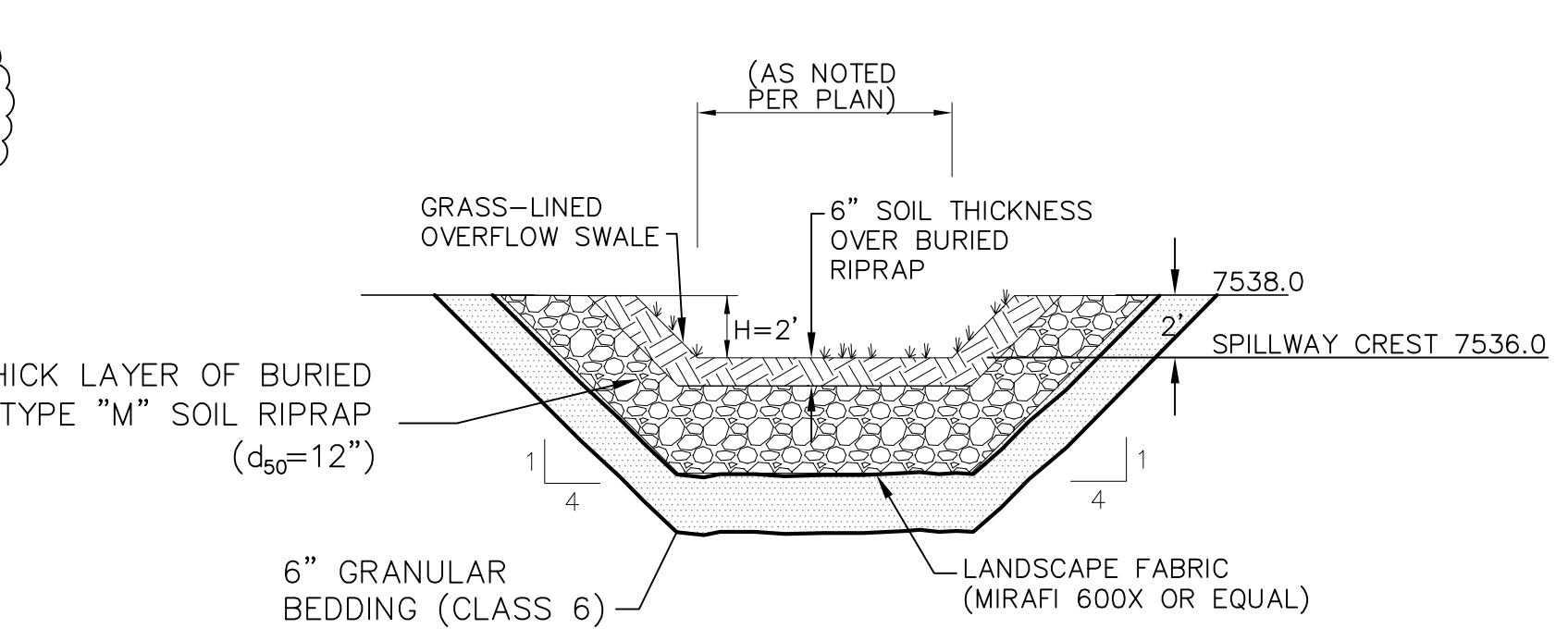
SLOT DETAIL



INTEGRAL FOREBAY DETAIL (E)
SCALE: NTS

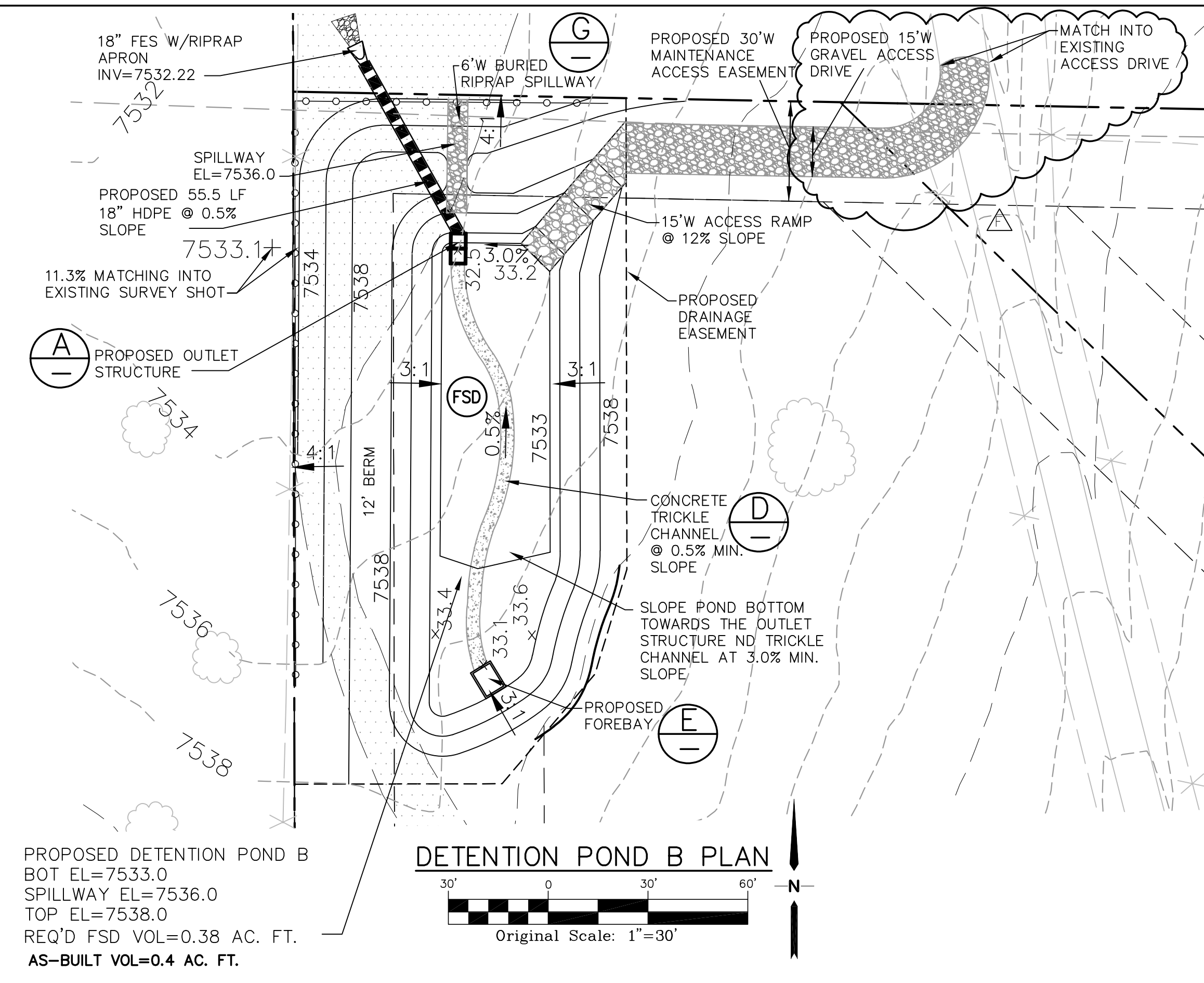


TYPICAL SECTION DETENTION POND S3 (F)
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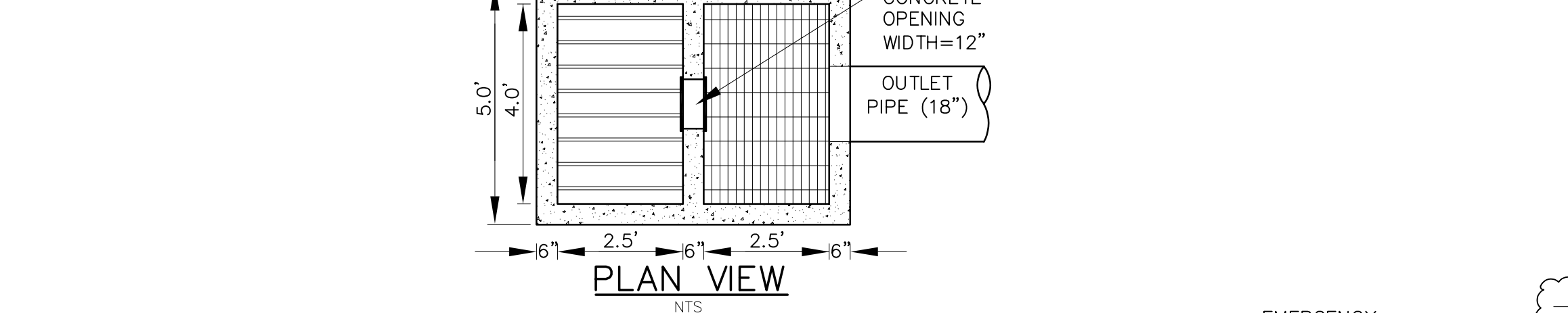


PROPOSED SPILLWAY DETAIL (G)
SCALE: NTS

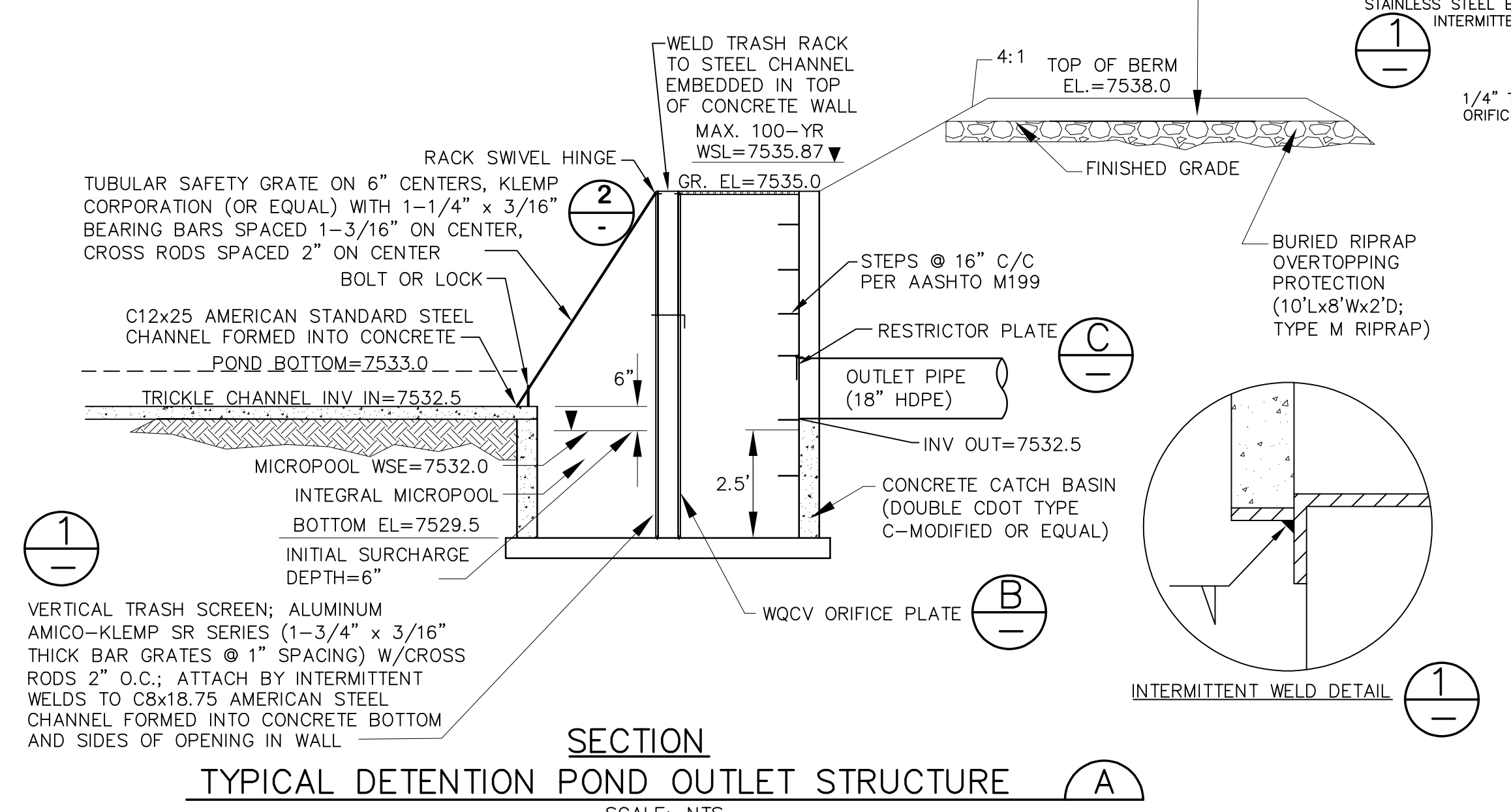
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 2. RIPRAP GRADATION SHALL CONFORM TO TABLE 10-7 AND 10-8 OF THE EPC DRAINAGE CRITERIA MANUAL.
 3. CONTRACTOR SHALL SUBMIT RIPRAP GRADATION TO ENGINEER FOR APPROVAL PRIOR TO DELIVERY.



DETENTION POND B PLAN
Original Scale: 1"=30'



PLAN VIEW
NTS

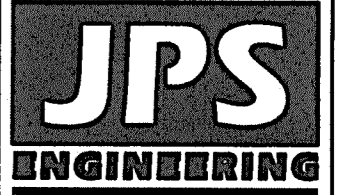


TYPICAL DETENTION POND OUTLET STRUCTURE (A)
SCALE: NTS

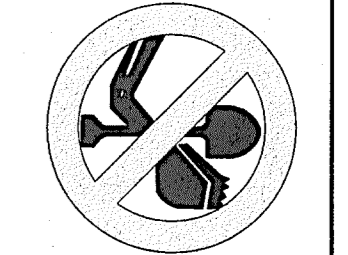
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John P. Schwab Date: 1/25/23
 JOHN P. SCHWAB, PE# 29891
 FOR AND ON BEHALF OF JPS ENGINEERING, INC.



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 BEFORE MARKING OF UNDERGROUND
 FOR THE MEMBER UTILITIES.

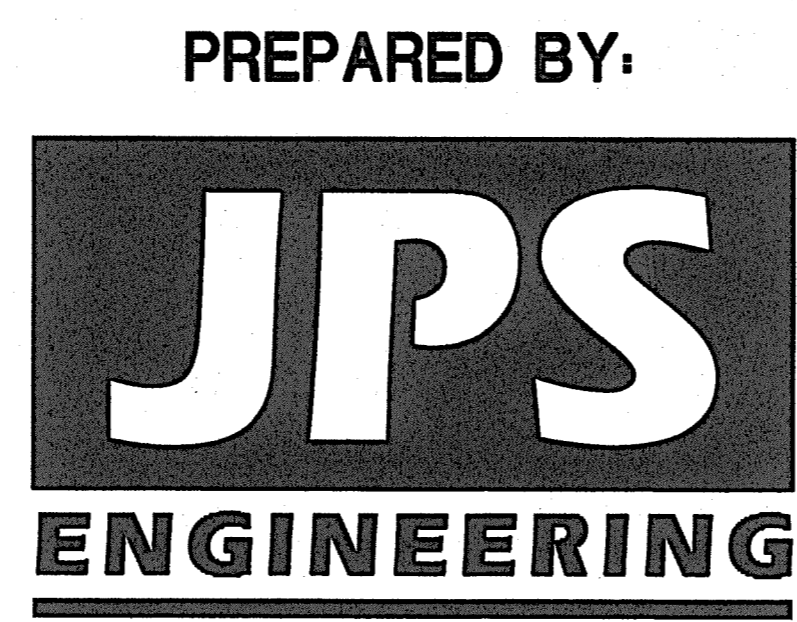
ROLLIN RIDGE - FILING NO. 1

| NO. | REVISION | DATE | BY |
|-----|----------------------|----------|-----|
| 1 | FINAL PLAT SUBMITTAL | 10/21/19 | JPS |
| 2 | COUNTY COMMENTS | 2/28/20 | JPS |
| 3 | COUNTY COMMENTS | 5/13/20 | JPS |
| 4 | COUNTY COMMENTS | 7/16/20 | JPS |
| 5 | COUNTY COMMENTS | 9/08/20 | JPS |

TITLE SHEET

ROLLIN RIDGE Filing No. 1 Construction Drawings El Paso County, Colorado

PREPARED FOR:
TC&C LLC
 17572 Colonial Park Drive
 Monument, CO 80132



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

AGENCIES/CONTACTS

| | |
|---|--|
| DEVELOPER: TC&C LLC 17572 COLONIAL PARK DRIVE MONUMENT, CO 80132 MR. CARL TURSE (719) 651-4013 | 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 MS. VALERIE SWORD (719) 546-5407 | |

SHEET INDEX

| | |
|-----|--------------------------------------|
| G1 | TITLE SHEET |
| G2 | GENERAL NOTES & LEGEND |
| TY1 | TYPICAL SECTIONS & DETAILS |
| TY2 | TYPICAL SECTIONS & DETAILS |
| PP1 | CHERRY CROSSING DRIVE PLAN & PROFILE |
| PP2 | BARK TREE TRAIL PLAN & PROFILE |
| SD1 | STORM DRAIN PLAN & PROFILES |

NOTE: REFER TO SIGNING AND STRIPING PLAN BY LSC

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 NEGLIGENCE, ACTS, ERRORS OR OMISSIONS ON MY PART IN PREPARATION OF THESE DETAILED PLANS AND SPECIFICATIONS.

John P. Schwab 9/19/20
 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.

Carl Turse 9-9-2020
 DATE

TC&C LLC
 17572 COLONIAL PARK DRIVE
 MONUMENT, COLORADO 80132

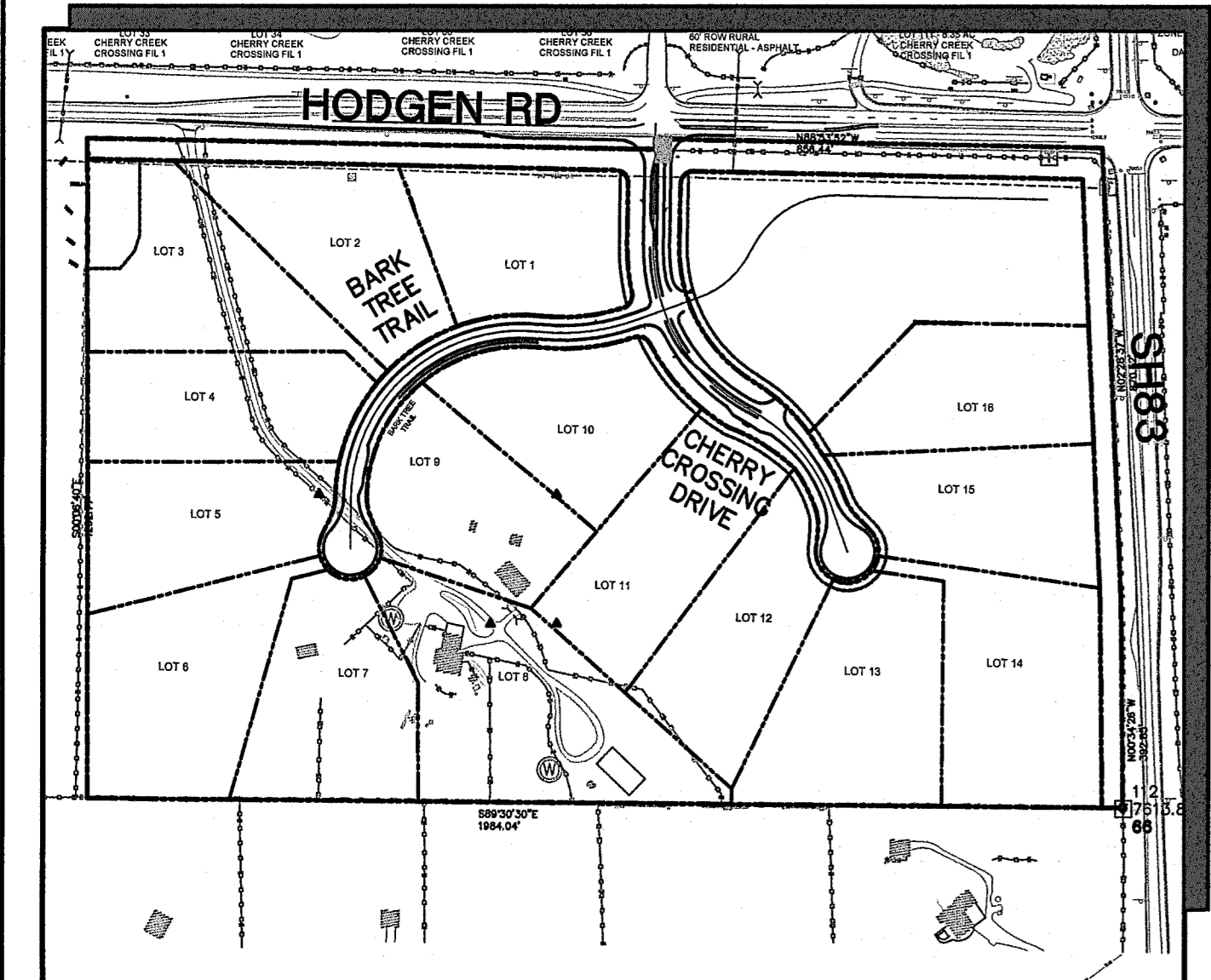
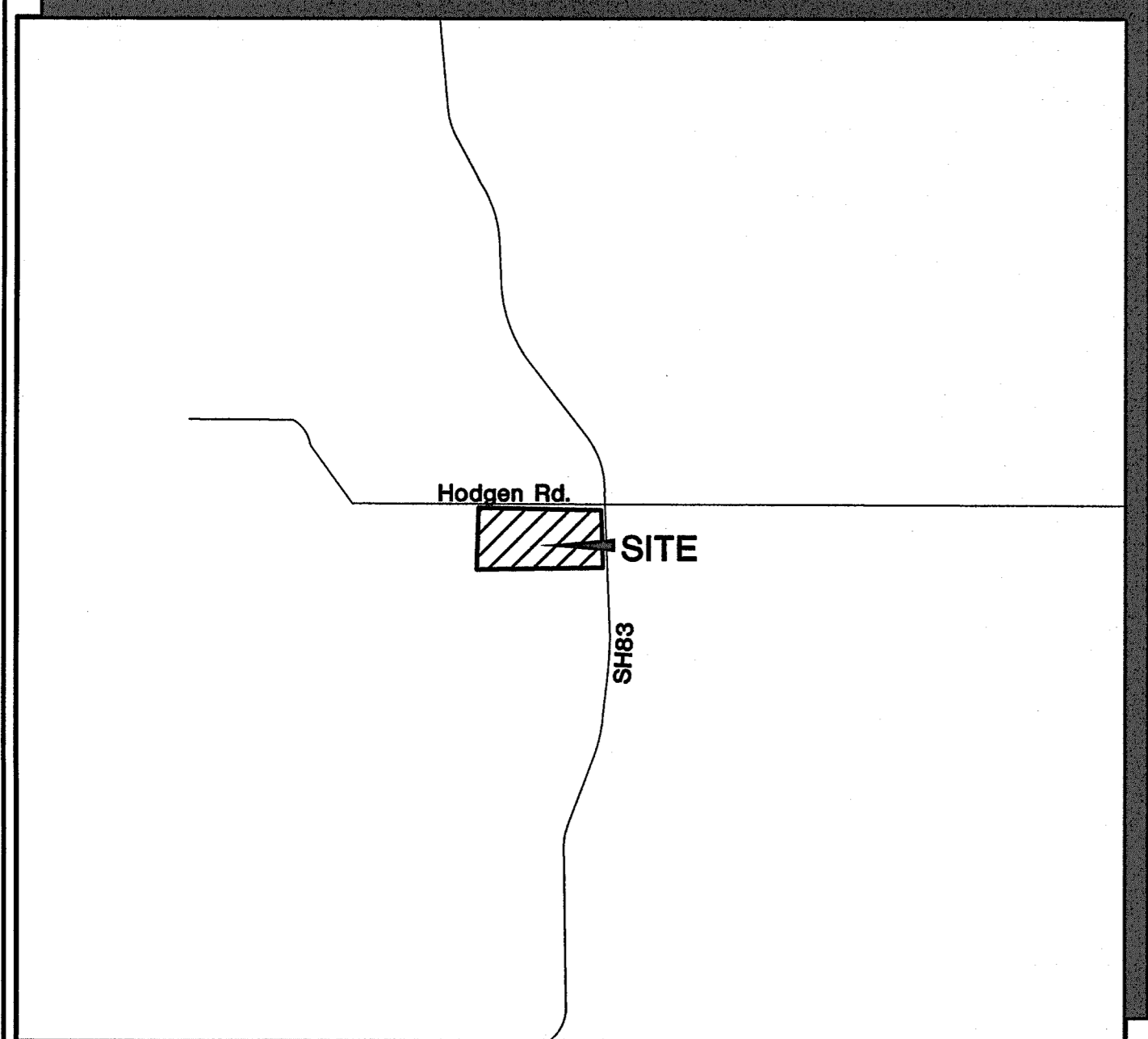
EL PASO COUNTY:
 COUNTY PLAN REVIEW IS PROVIDED ONLY FOR GENERAL CONFORMANCE WITH COUNTY DESIGN CRITERIA. THE COUNTY IS NOT RESPONSIBLE FOR THE ACCURACY AND ADEQUACY OF THE DESIGN, DIMENSIONS, AND/OR ELEVATIONS WHICH SHALL BE CONFIRMED AT THE JOB SITE. THE COUNTY THROUGH THE APPROVAL OF THIS DOCUMENT 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.

APPROVED
 Engineering Department
 10/26/2020 7:00 PM
 JENNIFER IRVINE, P.E.
 COUNTY ENGINEER / ECM ADMINISTRATOR DATE

PCD FILE NO. SF-19-022



BASIS OF BEARING:
 BEGINNING AT THE SOUTHWEST CORNER OF PARCEL 3, AS DESCRIBED IN DEED RECORDED UNDER SAID RECEPTION NO. 217125842, SAID POINT ALSO BEING THE SOUTHEAST CORNER OF THAT TRACT OF LAND AS DESCRIBED IN DEED RECORDED UNDER RECEPTION NO. 200156068 OF SAID COUNTY RECORDS, AS MONUMENTED BY A 5/8" REBAR (NO CAP), FROM WHICH THE NORTHWEST CORNER OF SAID PARCEL 3, SAID POINT ALSO BEING THE SOUTHWEST CORNER OF THAT RIGHT-OF-WAY PARCEL AS DESCRIBED IN DEED RECORDED UNDER RECEPTION NO. 206076668 OF SAID COUNTY RECORDS, AS MONUMENTED BY A 5/8" REBAR WITH ORANGE CAP STAMPED "PLS 324.39" BEARS N00°06'39"W (S00°06'40"E PER THAT DEED RECORDED UNDER SAID RECEPTION NO. 217125842), A DISTANCE OF 1262.77 FEET (1262.73 FEET OF RECORD)

BENCHMARK:
 SURVEY CONTROL POINTS AS SHOWN.
 ALL ELEVATION BASED UPON NGS DESIGNATION "4 BB RESET"
 ELEVATION = 7570.80 (NAVD 88 VERTICAL DATUM)

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ENGINEERING RECORD DRAWINGS

THESE RECORD DRAWINGS HAVE BEEN PREPARED, IN PART, ON THE BASIS OF INFORMATION COMPILED BY OTHERS. THEY ARE NOT INTENDED TO REPRESENT IN DETAIL, THE EXACT LOCATION, TYPE OF COMPONENT, NOR MANNER OF CONSTRUCTION. THE ENGINEER WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH HAVE BEEN INCORPORATED INTO THE RECORD DRAWINGS. REFER TO ORIGINAL DRAWINGS FOR SIGNATURES AND SEALS.

John P. Schwab

Date: 1/25/23

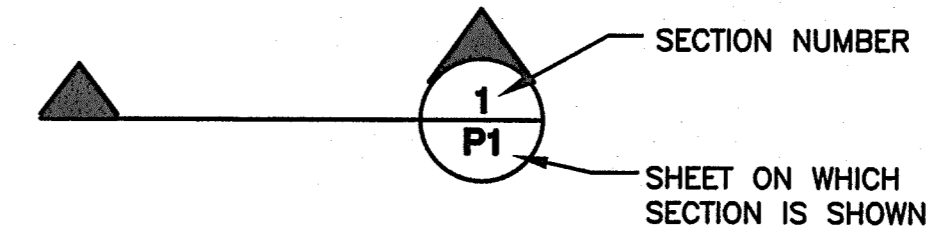
JOHN P. SCHWAB, PE# 29891
FOR AND ON BEHALF OF JPS ENGINEERING, INC.

COUNTY SIGNING AND STRIPING NOTES:

- 1. ALL SIGNS AND PAVEMENT MARKINGS SHALL BE IN COMPLIANCE WITH THE CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
2. REMOVAL OF EXISTING PAVEMENT MARKINGS SHALL BE ACCOMPLISHED BY A METHOD THAT DOES NOT MATERIALLY DAMAGE THE PAVEMENT. THE PAVEMENT MARKINGS SHALL BE REMOVED TO THE EXTENT THAT THEY WILL NOT BE VISIBLE UNDER DAY OR NIGHT CONDITIONS. AT NO TIME WILL IT BE ACCEPTABLE TO PAINT OVER EXISTING PAVEMENT MARKINGS.
3. ANY DEVIATION FROM THE STRIPING AND SIGNING PLAN SHALL BE APPROVED BY EL PASO COUNTY PLANNING AND COMMUNITY DEVELOPMENT DEPARTMENT (PCD).
4. ALL SIGNS SHOWN ON THE SIGNING AND STRIPING PLAN SHALL BE NEW SIGNS. EXISTING SIGNS MAY REMAIN OR BE REUSED IF THEY MEET CURRENT EL PASO COUNTY AND MUTCD STANDARDS.
5. STREET NAME AND REGULATORY STOP SIGNS SHALL BE ON THE SAME POST AT INTERSECTIONS.
6. ALL REMOVED SIGNS SHALL BE DISPOSED OF IN A PROPER MANNER BY THE CONTRACTOR.
7. ALL STREET NAME SIGNS SHALL HAVE "D" SERIES LETTERS, WITH LOCAL ROADWAY SIGNS BEING 4" UPPER-LOWER CASE LETTERING ON 8" BLANK AND NON-LOCAL ROADWAY SIGNS BEING 6" LETTERING, UPPER-LOWER CASE ON 12" BLANK, WITH WHITE BORDER THAT IS NOT RECESSED. MULTI-LANE ROADWAYS WITH SPEED LIMITS OF 40 MPH OR HIGHER SHALL HAVE 8" UPPER-LOWER CASE LETTERING ON 18" BLANK WITH A WHITE BORDER THAT IS NOT RECESSED. THE WIDTH OF THE NON-RECESSED WHITE BORDERS SHALL MATCH PAGE 255 OF THE 2012 MUTCD "STANDARD HIGHWAY SIGNS".
8. ALL TRAFFIC SIGNS SHALL HAVE A MINIMUM HIGH INTENSITY PRISMATIC GRADE SHEETING.
9. ALL LOCAL RESIDENTIAL STREET SIGNS SHALL BE MOUNTED ON A 1.75" X 1.75" SQUARE TUBE SIGN POST AND STUB POST BASE. FOR OTHER APPLICATIONS, REFER TO THE CDOT STANDARD S-614-8 REGARDING USE OF THE P2 TUBULAR STEEL POST SLIPBASE DESIGN.
10. ALL SIGNS SHALL BE SINGLE SHEET ALUMINUM WITH 0.100" MINIMUM THICKNESS.
11. ALL LIMIT LINES/STOP LINES, CROSSWALK LINES, PAVEMENT LEGENDS, AND ARROWS SHALL BE A MINIMUM 125 MIL THICKNESS PREFORMED THERMOPLASTIC PAVEMENT MARKINGS WITH TAPERED LEADING EDGES PER CDOT STANDARD S-627-1. WORD AND SYMBOL MARKINGS SHALL BE THE NARROW TYPE. STOP BARS SHALL BE 24" IN WIDTH. CROSSWALKS LINES SHALL BE 12" WIDE AND 8' LONG PER CDOT S-627-1.
12. ALL LONGITUDINAL LINES SHALL BE A MINIMUM 15MIL THICKNESS EPOXY PAINT. ALL NON-LOCAL RESIDENTIAL ROADWAYS SHALL INCLUDE BOTH RIGHT AND LEFT EDGE LINE STRIPING AND ANY ADDITIONAL STRIPING AS REQUIRED BY CDOT S-627-1.
13. THE CONTRACTOR SHALL NOTIFY EL PASO COUNTY PLANNING AND COMMUNITY DEVELOPMENT DEPARTMENT (PCD) (719) 520-6819 PRIOR TO AND UPON COMPLETION OF SIGNING AND STRIPING.
14. THE CONTRACTOR SHALL OBTAIN A WORK IN THE RIGHT OF WAY PERMIT FROM THE EL PASO COUNTY DEPARTMENT OF PUBLIC WORKS PRIOR TO ANY SIGNAGE OR STRIPING WORK WITHIN AN EXISTING EL PASO COUNTY ROADWAY.

LEGEND:

- NEW/EXISTING
SECTION LINE - NEW/EXISTING
EASEMENT LINE - NEW/EXISTING
6230 6230 CONTOUR - NEW/EXISTING
PROPERTY LINE - NEW/EXISTING
FENCE - NEW/EXISTING
OVERHEAD ELECTRIC LINE W/ POWER POLE NEW/EXISTING
UNDERGROUND ELECTRIC LINE NEW/EXISTING
UNDERGROUND ELECTRIC - NEW/EXISTING
TELEPHONE - NEW/EXISTING
GAS - NEW/EXISTING
WATER - NEW/EXISTING
ECB - DITCH LINING



GENERAL DRAINAGE & GRADING NOTES:

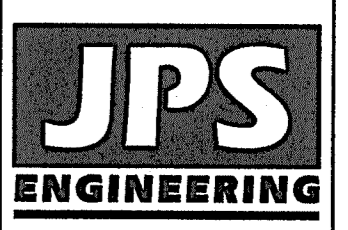
- 1. INDIVIDUAL BUILDERS SHALL PROVIDE POSITIVE DRAINAGE AWAY FROM STRUCTURES AND ACCOUNT FOR POTENTIAL CROSS-LOT DRAINAGE IMPACTS WITHIN EACH LOT.
2. BUILDERS AND PROPERTY OWNERS SHALL IMPLEMENT & MAINTAIN EROSION CONTROL BEST MANAGEMENT PRACTICES FOR PROTECTION OF DOWNSTREAM PROPERTIES AND FACILITIES INCLUDING PROTECTION OF EXISTING GRASS BUFFER STRIPS ALONG THE DOWNSTREAM PROPERTY BOUNDARIES.
3. GRADING AND DRAINAGE WITHIN LOTS IS THE RESPONSIBILITY OF THE INDIVIDUAL BUILDERS AND PROPERTY OWNERS.
4. FINAL GRADING TO COMPLY WITH H.U.D. STANDARDS CONTAINED IN SECTION 310 AND 602 OF THE MINIMUM PROPERTY STANDARDS (MPS) 4900.1. HANDBOOK 4140.3 CHG (DATA SHEET 79g), IF APPLICABLE, AND ALL LEGAL STANDARDS.

COUNTY GENERAL NOTES:

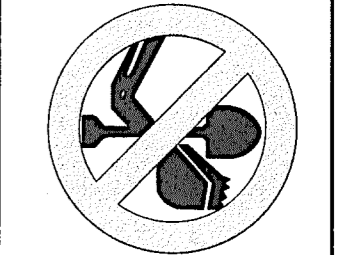
- 1. ALL DRAINAGE AND ROADWAY CONSTRUCTION SHALL MEET THE STANDARDS AND SPECIFICATIONS OF THE CITY OF COLORADO SPRINGS/EL PASO COUNTY DRAINAGE CRITERIA MANUAL, VOLUMES 1 AND 2, AND THE EL PASO COUNTY ENGINEERING CRITERIA MANUAL.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR THE NOTIFICATION AND FIELD LOCATION 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).
3. CONTRACTOR SHALL KEEP A COPY OF THESE APPROVED PLANS, THE GRADING AND EROSION CONTROL PLAN, THE STORMWATER MANAGEMENT PLAN (SWMP), THE SOILS AND GEOTECHNICAL REPORT, AND THE APPROPRIATE DESIGN AND CONSTRUCTION STANDARDS AND SPECIFICATIONS AT THE JOB SITE AT ALL TIMES, INCLUDING THE FOLLOWING:
A. EL PASO COUNTY ENGINEERING CRITERIA MANUAL (ECM)
B. CITY OF COLORADO SPRINGS/EL PASO COUNTY DRAINAGE CRITERIA MANUAL, VOLUMES 1 AND 2
C. COLORADO DEPARTMENT OF TRANSPORTATION (CDOT) STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION
D. CDOT M & S STANDARDS
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 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.
5. IT IS THE DESIGN ENGINEER'S RESPONSIBILITY TO ACCURATELY SHOW EXISTING CONDITIONS, BOTH ONSITE AND OFFSITE, ON THE CONSTRUCTION PLANS. ANY MODIFICATIONS NECESSARY DUE TO CONFLICTS, OMISSIONS, OR CHANGED CONDITIONS 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 DEPARTMENT (PCD) - INSPECTIONS, PRIOR TO STARTING CONSTRUCTION.
7. IT IS THE CONTRACTOR'S RESPONSIBILITY TO UNDERSTAND THE REQUIREMENTS OF ALL JURISDICTIONAL AGENCIES AND TO OBTAIN ALL REQUIRED PERMITS, INCLUDING BUT NOT LIMITED TO EL PASO COUNTY EROSION AND STORMWATER QUALITY CONTROL PERMIT (ESQCP), REGIONAL BUILDING FLOODPLAIN DEVELOPMENT PERMIT, U.S. ARMY CORPS OF ENGINEERS-ISSUED 401 AND/OR 404 PERMITS, AND COUNTY AND STATE FUGITIVE DUST PERMITS.
8. CONTRACTOR SHALL NOT DEVIATE FROM THE PLANS WITHOUT FIRST OBTAINING WRITTEN APPROVAL FROM THE DESIGN ENGINEER AND DSD. CONTRACTOR SHALL NOTIFY THE DESIGN ENGINEER IMMEDIATELY UPON DISCOVERY OF ANY ERRORS OR INCONSISTENCIES.
9. ALL STORM DRAIN PIPE SHALL BE CLASS III RCP WITH CLASS B BEDDING UNLESS OTHERWISE NOTED AND APPROVED BY PCD.
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.
11. ALL CONSTRUCTION TRAFFIC MUST ENTER/EXIT THE SITE AT APPROVED CONSTRUCTION ACCESS POINTS.
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.
13. SIGNING AND STRIPING SHALL COMPLY WITH EL PASO DEPARTMENT OF PUBLIC WORKS (DPW) AND MUTCD CRITERIA.
14. CONTRACTOR SHALL OBTAIN ANY PERMITS REQUIRED BY EL PASO DEPARTMENT OF PUBLIC WORKS (DPW), INCLUDING WORK WITHIN THE RIGHT-OF-WAY AND SPECIAL TRANSPORT PERMITS.
15. THE LIMITS OF CONSTRUCTION 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.

PROJECT GENERAL NOTES:

- 1. EXISTING CONTOUR DATA CONSISTS OF AERIAL TOPOGRAPHIC SURVEY DATA PROVIDED BY OWNER. JPS ENGINEERING TAKES NO RESPONSIBILITY FOR THE ACCURACY OF EXISTING TOPOGRAPHIC MAPPING.
2. STATIONING IS AT CENTERLINE UNLESS OTHERWISE NOTED. ALL ELEVATIONS ARE AT EDGE OF ASPHALT (EOA) UNLESS OTHERWISE NOTED. ALL DIMENSIONS ARE FROM EDGE OF ASPHALT TO EDGE OF ASPHALT UNLESS OTHERWISE NOTED.
3. PROPOSED CONTOURS SHOWN ARE TO FINISHED GRADE.
4. LENGTHS SHOWN FOR STORM SEWER PIPES ARE TO CENTER OF MANHOLE.
5. CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL EXISTING STRUCTURES, DEBRIS, WASTE AND OTHER UNSUITABLE FILL MATERIAL FOUND WITHIN THE LIMITS OF EXCAVATION.
6. MATCH INTO EXISTING GRADES AT 3:1 MAX CUT AND FILL SLOPES.
7. REVEGETATION OF ALL DISTURBED AREAS SHALL BE DONE WITH SPECIFIED SEED MIX WITHIN 60 DAYS AFTER FINE GRADING IS COMPLETE.
8. EROSION CONTROL SHALL CONSIST OF SILT FENCE AND BMP'S AS SHOWN ON THE DRAWING, AND TOPSOIL WITH GRASS SEED, WHICH WILL BE WATERED UNTIL VEGETATION HAS BEEN REESTABLISHED.
9. THE EROSION CONTROL MEASURES OUTLINED ON THIS PLAN ARE THE RESPONSIBILITY OF THE DEVELOPER TO MONITOR AND REPLACE, REGRADE, AND REBUILD AS NECESSARY UNTIL VEGETATION IS RE-ESTABLISHED.
10. EROSION CONTROL MEASURES SHALL BE IMPLEMENTED IN A MANNER THAT WILL PROTECT ADJACENT PROPERTIES AND PUBLIC FACILITIES FROM THE ADVERSE EFFECTS OF EROSION AND SEDIMENTATION AS A RESULT OF CONSTRUCTION AND EARTHWORK ACTIVITIES WITHIN THE PROJECT SITE.
11. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED AS DETERMINED BY SITE CONDITIONS.
12. THE CONTRACTOR WILL TAKE THE NECESSARY PRECAUTIONS TO PROTECT EXISTING UTILITIES FROM DAMAGE DUE TO THIS OPERATION. ANY DAMAGE TO THE UTILITIES WILL BE REPAIRED AT THE CONTRACTOR'S EXPENSE, AND ANY SERVICE DISRUPTION WILL BE SETTLED BY THE CONTRACTOR.
13. ALL BACKFILL, SUB-BASE, AND/OR BASE COURSE MATERIAL SHALL BE COMPACTED PER EL PASO COUNTY AND CDOT STANDARDS AND SPECIFICATIONS.
14. ALL FINISHED GRADES SHALL HAVE A MINIMUM 1.0% SLOPE TO PROVIDE POSITIVE DRAINAGE.
15. IN CASE OF CONFLICT BETWEEN PROPOSED SLOPES AND PROPOSED SPOT ELEVATIONS, SPOT ELEVATIONS SHALL GOVERN.
16. CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS PRIOR TO BEGINNING WORK.



19 E. Willamette Ave. Colorado Springs, CO 80903
PH: 719-477-9429
FAX: 719-471-0766
www.jpsegr.com



CALL UTILITY NOTIFICATION CENTER OF COLORADO
1-800-922-1987
CALL 2-BUSINESS DAYS IN ADVANCE BEFORE ANY WORK TO AVOID THE MARKING OF UNDERGROUND MEMBER UTILITIES.

ROLLIN RIDGE - FILING NO. 1

GENERAL NOTES & LEGEND

Table with project details: HORZ. SCALE: HS, VERT. SCALE: VS, SURVEYED: RAMPART, CREATED: 8/29/19, PROJECT NO: 081702, DRAWN: BJJ, DESIGNED: JPS, CHECKED: JPS, LAST MODIFIED: 2/28/20, MODIFIED BY: JPS



PCD FILE NO. SF-19-022

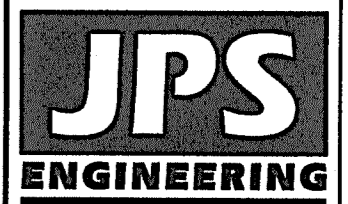
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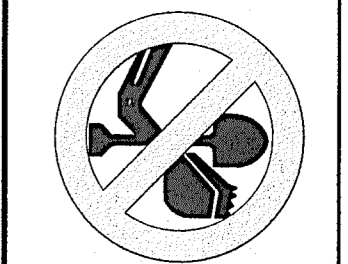
ENGINEERING RECORD DRAWINGS
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John P. Schwab Date: 1/25/23
 JOHN P. SCHWAB, PE# 29891
 FOR AND ON BEHALF OF JPS ENGINEERING, INC.

| DESIGN DATA | REFERENCE STANDARD |
|----------------------------------|--------------------|
| ROAD CLASSIFICATION: RURAL LOCAL | ECM TABLE 2-5 |
| DESIGN SPEED: 30 MPH | ECM TABLE 2-5 |
| POSTED SPEED: 30 MPH | ECM TABLE 2-5 |
| ROADWAY WIDTH: 28' EOA-EOA | ECM FIGURE 2-8 |
| MIN. HORIZONTAL RADIUS: 300' | ECM TABLE 2-5 |
| MIN. GRADE: 1.0% | ECM TABLE 2-5 |
| MAX. GRADE: 8.0% | ECM TABLE 2-5 |
| MAX. CUL-DE-SAC GRADE: 2.0% | ECM TABLE 2-31 |
| MIN. K-VALUE (CREST): 19 | ECM TABLE 2-12 |
| MIN. K-VALUE (SAG): 37 | ECM TABLE 2-14 |



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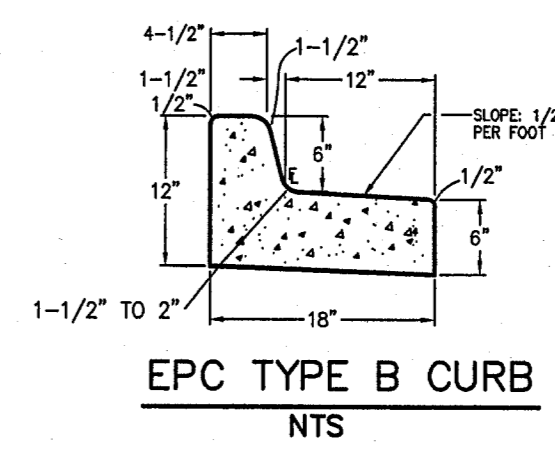
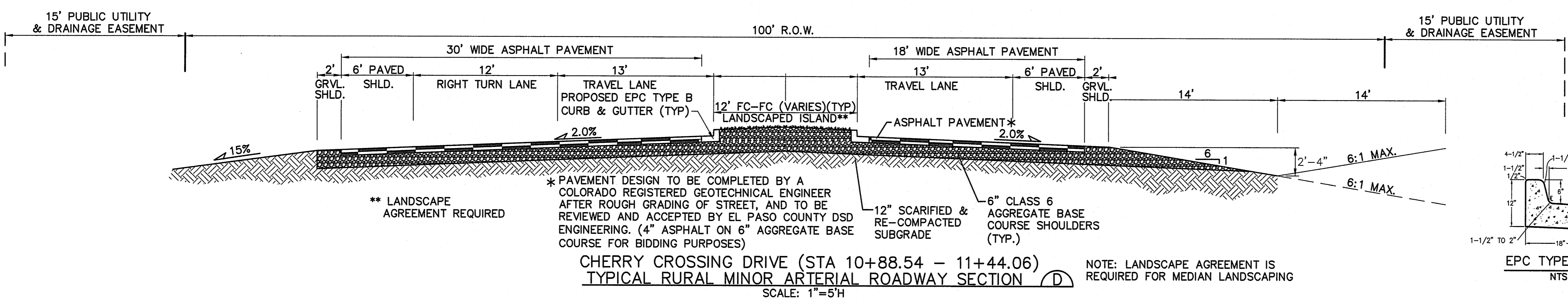
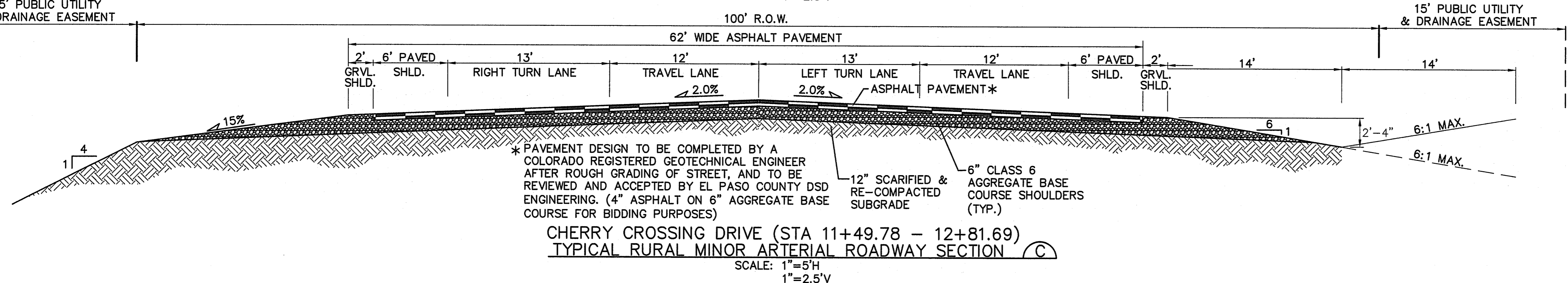
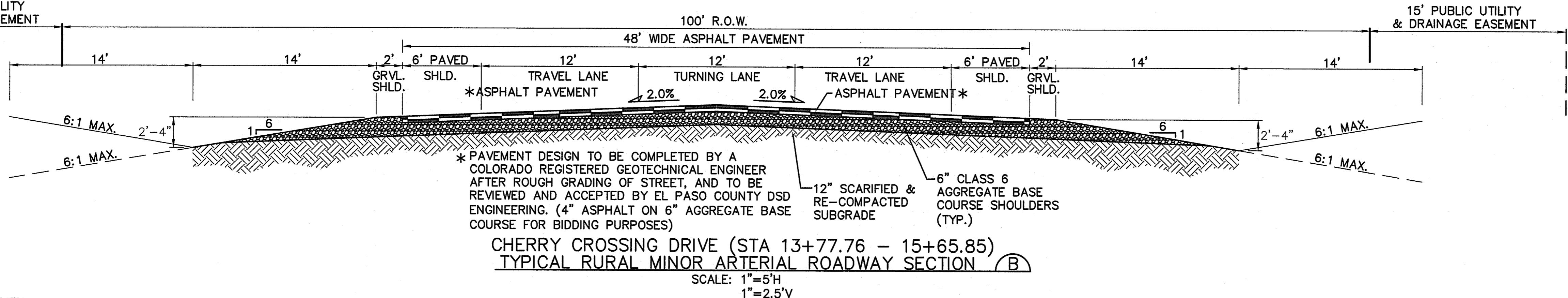
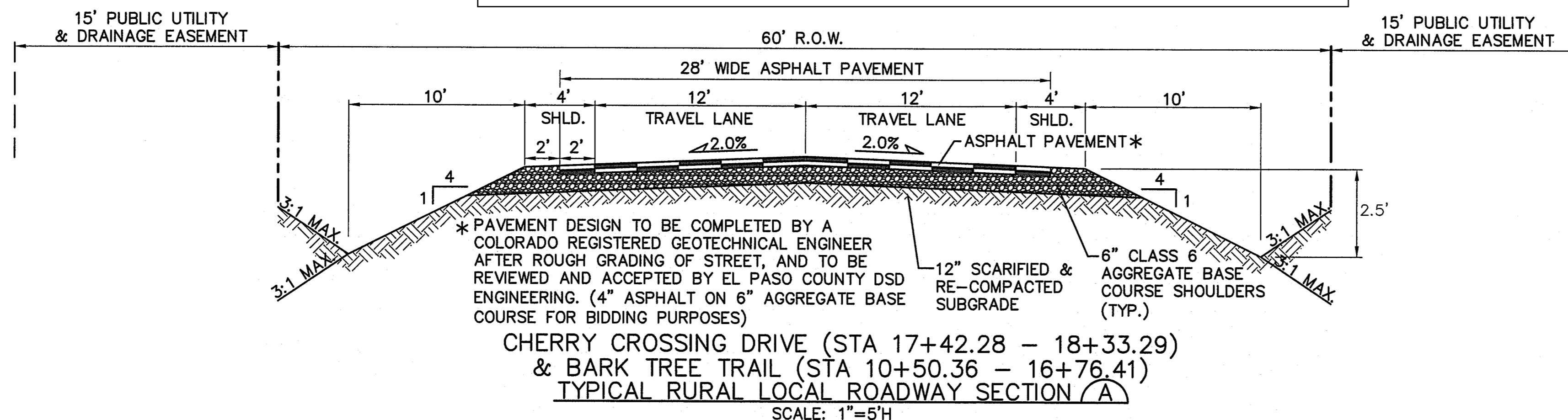
ROLLIN RIDGE - FILING NO. 1

TYPICAL SECTIONS AND DETAILS

| No. | REVISION | DATE | BY |
|-----|----------------------|----------|-----|
| 1 | FINAL PLAN SUBMITTAL | 10/21/19 | JPS |
| 2 | COUNTY COMMENTS | 2/28/20 | JPS |
| 3 | COUNTY COMMENTS | 5/13/20 | JPS |

HORZ. SCALE: 1"=5'
 VERT. SCALE: AS SHOWN
 SURVEYED: RAMPART
 CREATED: 8/29/17
 PROJECT NO: 081702
 DRAWN: BJJ
 DESIGNED: JPS
 CHECKED: JPS
 LAST MODIFIED: 5/13/20
 MODIFIED BY: BJJ

TY1

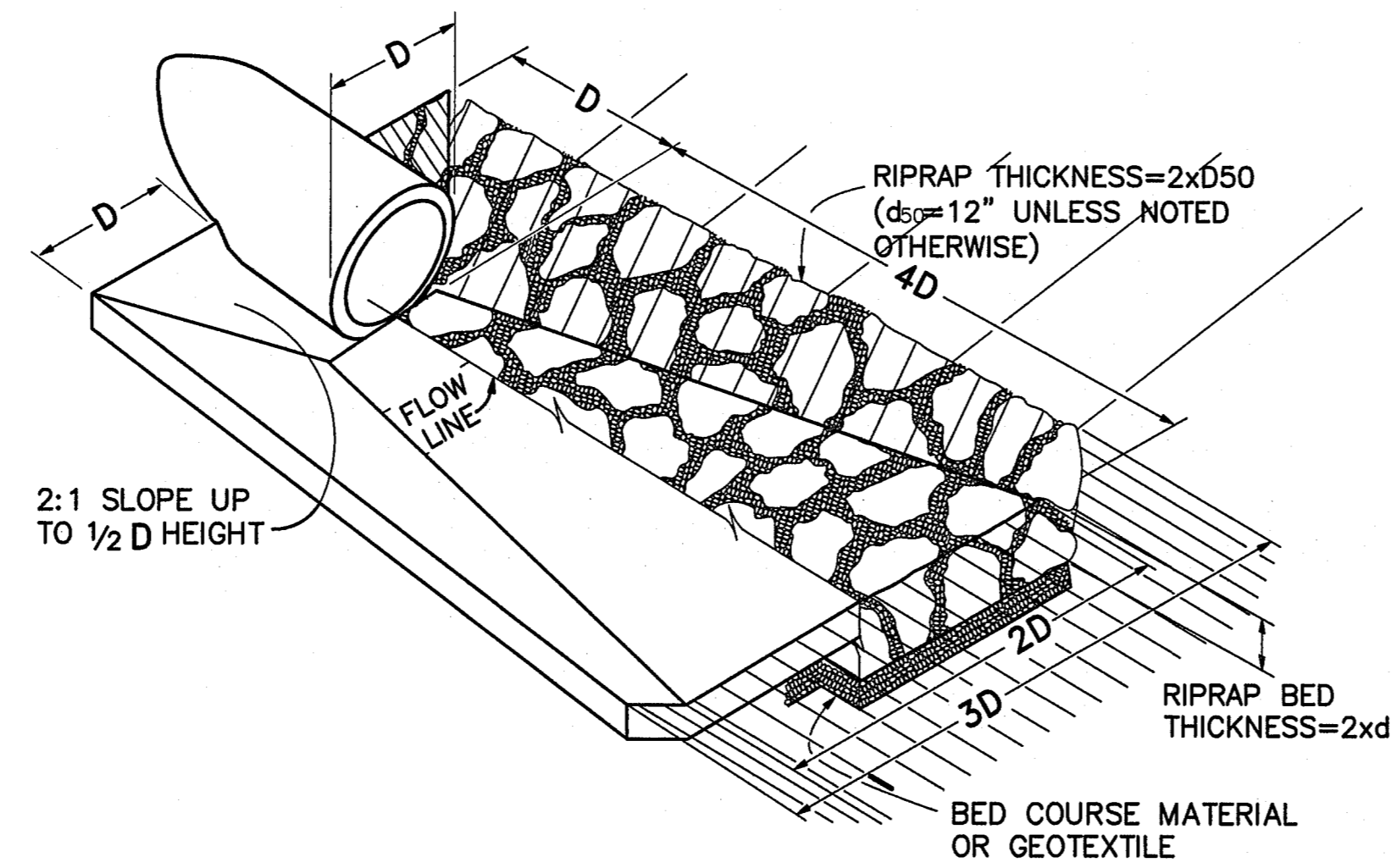


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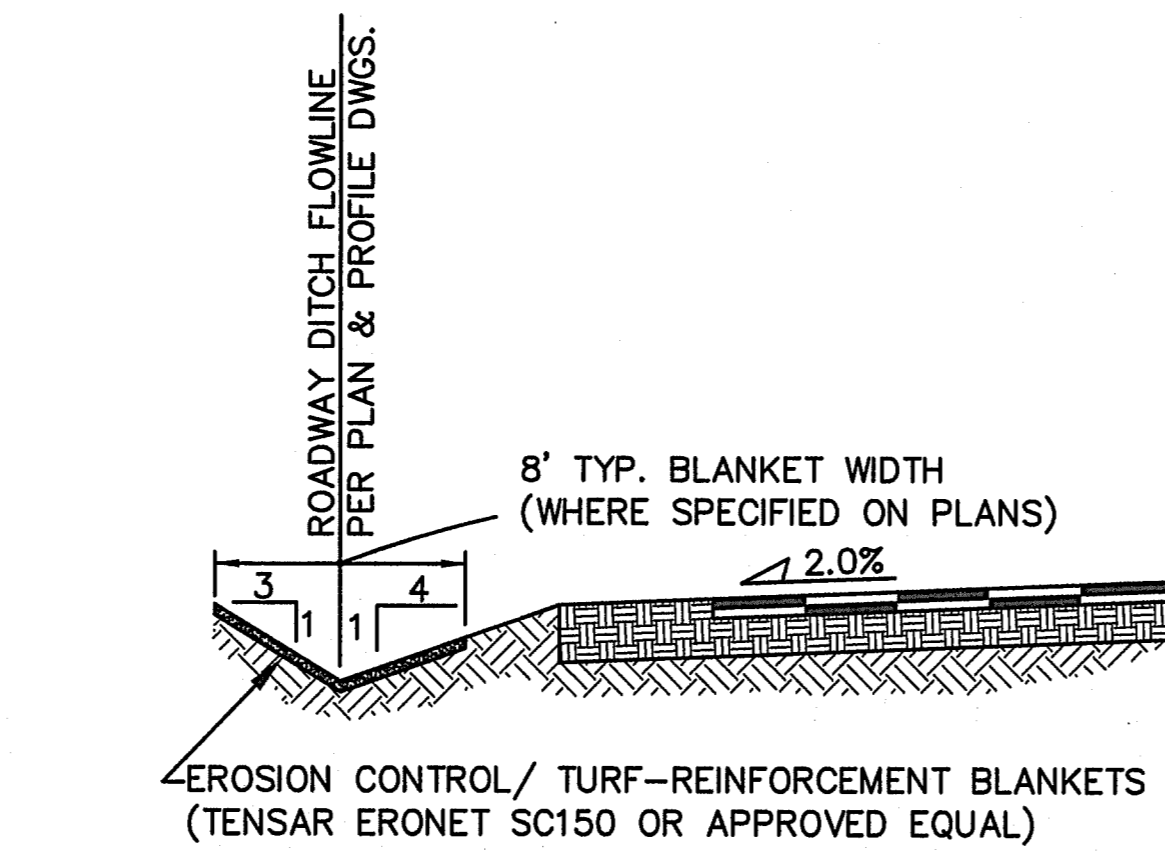
PCD FILE NO. SF-19-022

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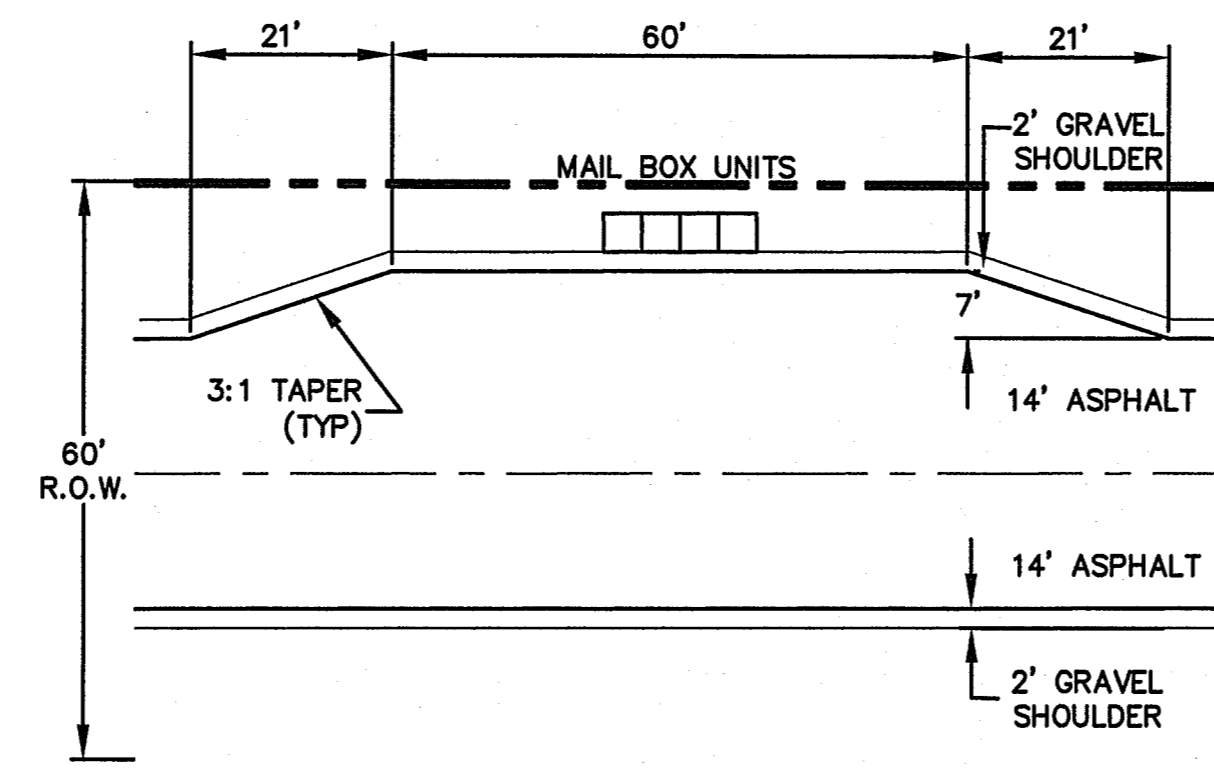
John P. Schwab Date: 1/25/23
 JOHN P. SCHWAB, PE# 29891
 FOR AND ON BEHALF OF JPS ENGINEERING, INC.



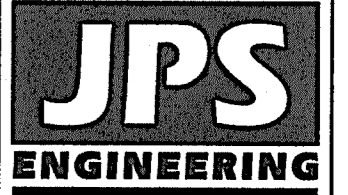
**TYPICAL RIPRAP APRON/
 CULVERT OUTLET PAVING** 1
 NOT TO SCALE



**TYPICAL DITCH SECTION WITH
 EROSION CONTROL BLANKETS** 2
 SCALE : NTS



TYPICAL MAILBOX KIOSK DETAIL 3
 SCALE: 1" = 20'



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ROLLIN RIDGE - FILING NO. 1

TYPICAL DETAILS

| No. | REVISION | BY | DATE |
|-----|----------------------|-----|----------|
| 1 | FINAL PLAT SUBMITTAL | JPS | 10/21/19 |
| 2 | COUNTY COMMENTS | JPS | 2/28/20 |

| | |
|-----------------------|------------------------|
| HORZ. SCALE: 1"=5' | DRAWN: BJJ |
| VERT. SCALE: AS SHOWN | DESIGNED: JPS |
| SURVEYED: RAMPART | CHECKED: JPS |
| CREATED: 2/28/20 | LAST MODIFIED: 2/28/20 |
| PROJECT NO: 081702 | MODIFIED BY: BJJ |

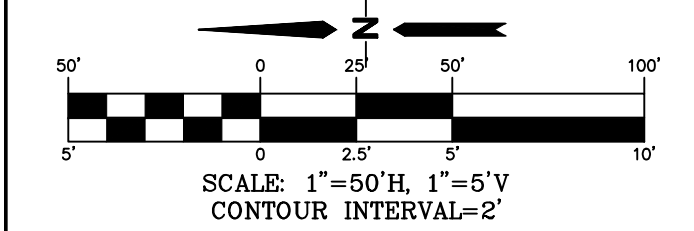
SHEET: **TY2**



EPC 10/20/2020
 PCD FILE NO. SF-19-022

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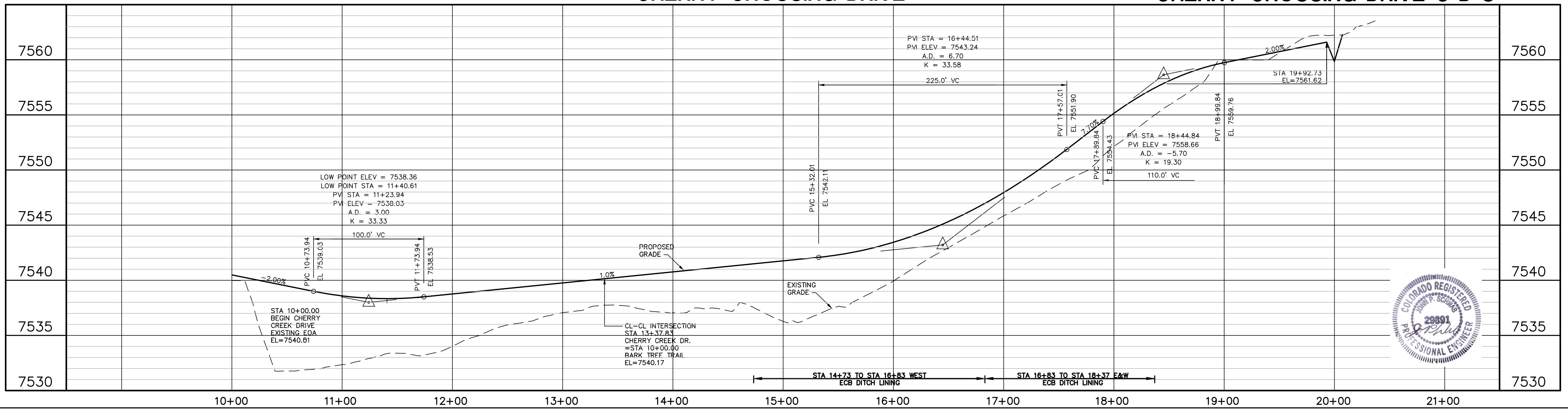
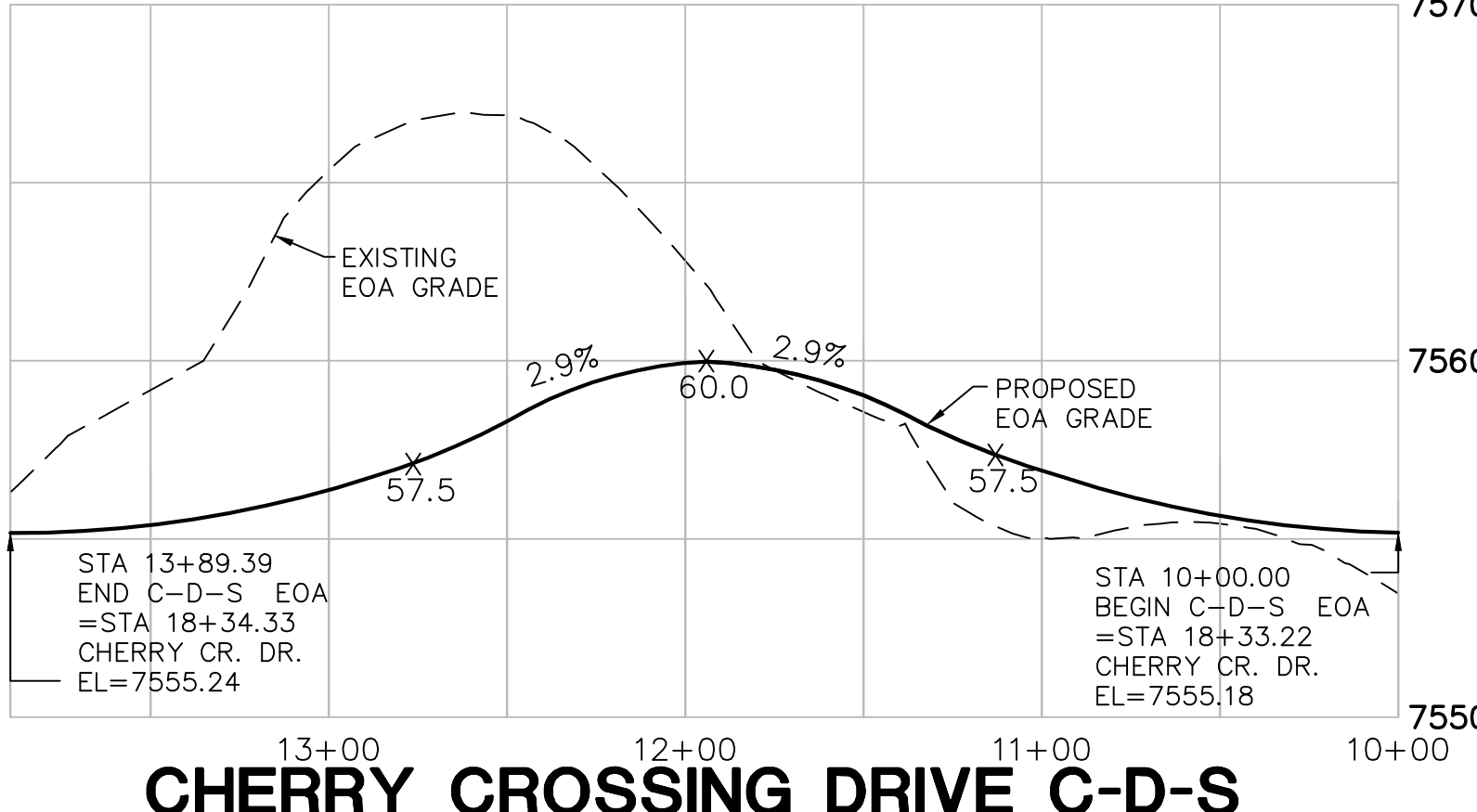
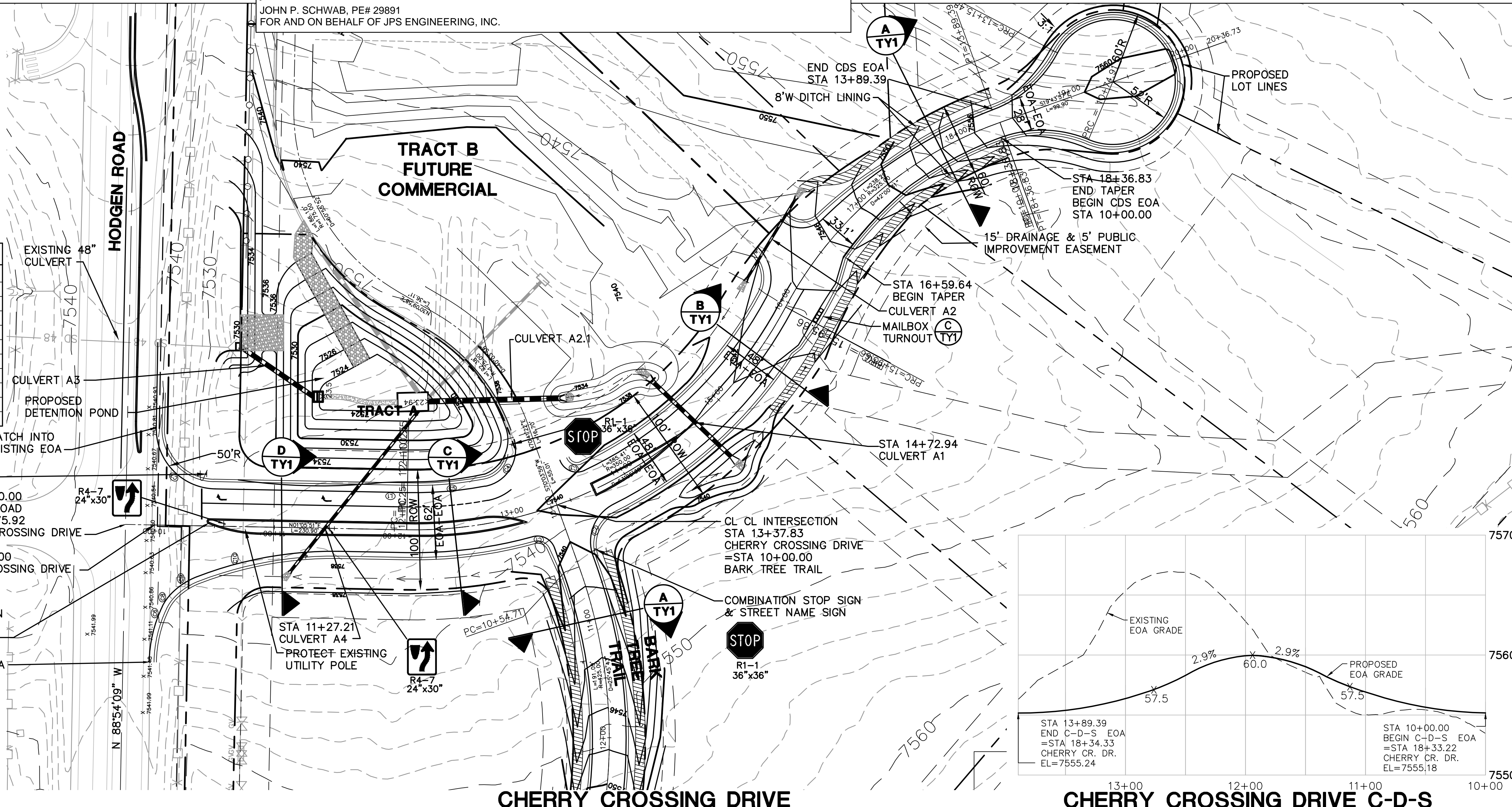
| LINE TABLE | | |
|------------|--------|-------------|
| LINE | LENGTH | BEARING |
| L1 | 148.43 | N01°05'45"E |

| CURVE TABLE | | | |
|-------------|--------|--------|-----------|
| CURVE | LENGTH | RADIUS | DELTA |
| C1 | 22.43 | 15.00 | 85°40'08" |
| C2 | 51.06 | 35.00 | 83°35'14" |
| C3 | 24.98 | 15.00 | 95°25'50" |
| C4 | 51.62 | 31.00 | 95°23'59" |
| C5 | 65.24 | 319.00 | 11°43'04" |
| C6 | 47.94 | 110.00 | 24°58'21" |
| C7 | 78.54 | 50.00 | 89°58'08" |
| C8 | 12.66 | 40.00 | 18°08'24" |
| C9 | 26.04 | 60.00 | 24°51'51" |
| C10 | 120.90 | 315.00 | 21°59'24" |

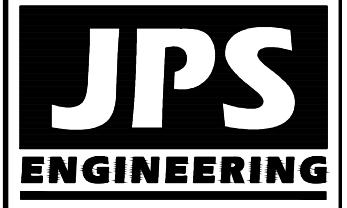


CHERRY CROSSING DRIVE
 STA 13+00.00 HODGEN ROAD = STA 9+75.92 CHERRY CROSSING DRIVE
 STA 10+00.00 CHERRY CROSSING DRIVE
 PLOWABLE MEDIAN NOSE PER EPC DETAIL SD_2-22
 MATCH INTO EXISTING EOA

REFER TO SIGNING & STRIPING PLANS BY LSC



ROLLIN RIDGE - FILING NO. 1



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 2-BUSINESS DAYS IN ADVANCE
 BEFORE YOU DIG, GRADE, OR EXCAVATE
 FOR THE MEMBER UTILITIES.

| NO. | REVISION | DATE | BY |
|-----|---------------------|---------|-----|
| 1 | COUNTY COMMENTS | 5/13/20 | JPS |
| 2 | COUNTY COMMENTS | 7/17/20 | JPS |
| 3 | COUNTY COMMENTS | 9/08/20 | JPS |
| 4 | PROFILE REVISION | 3/26/21 | JPS |
| 5 | SW RADIUS AT HODGEN | 6/29/21 | JPS |

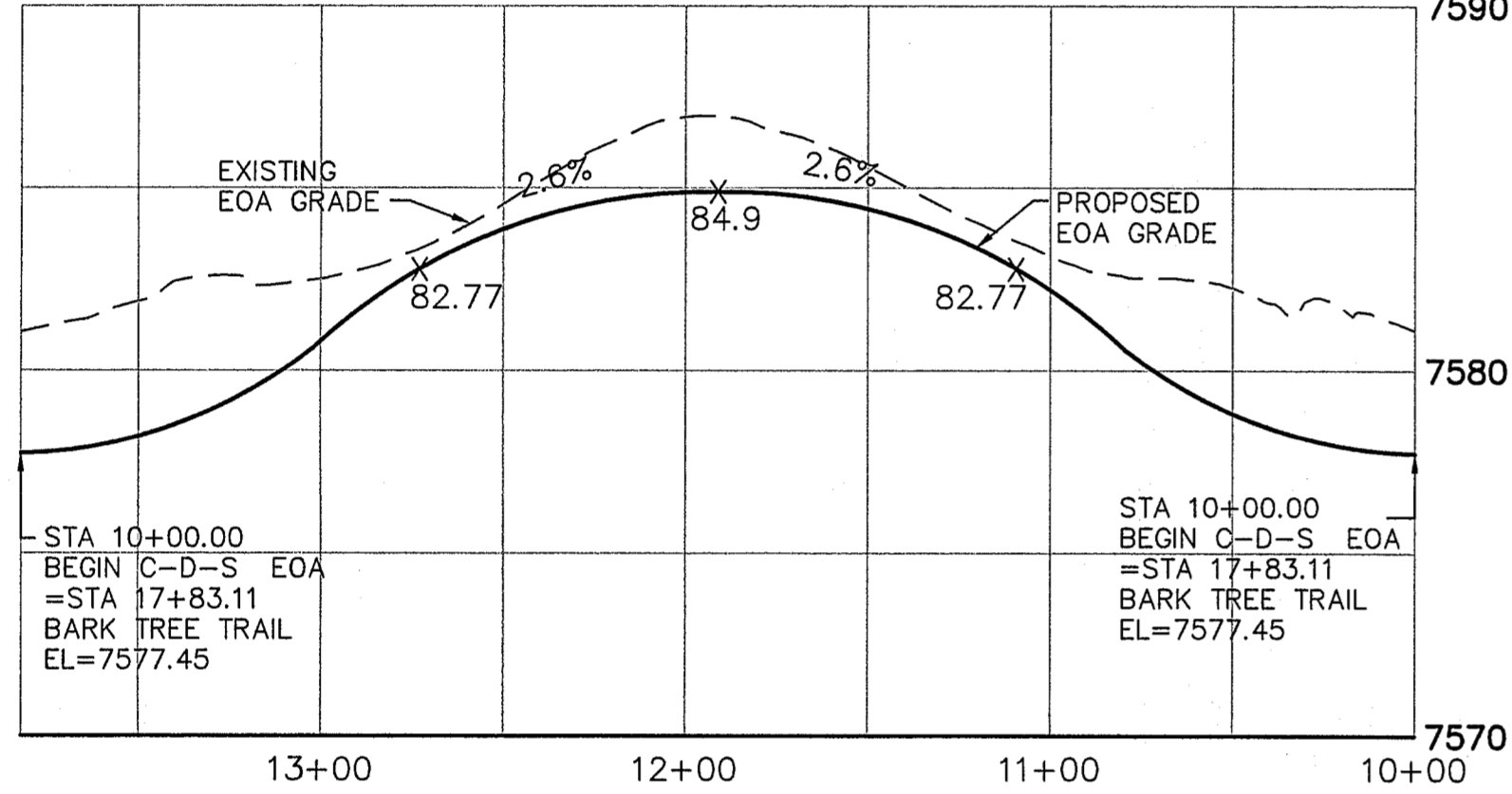
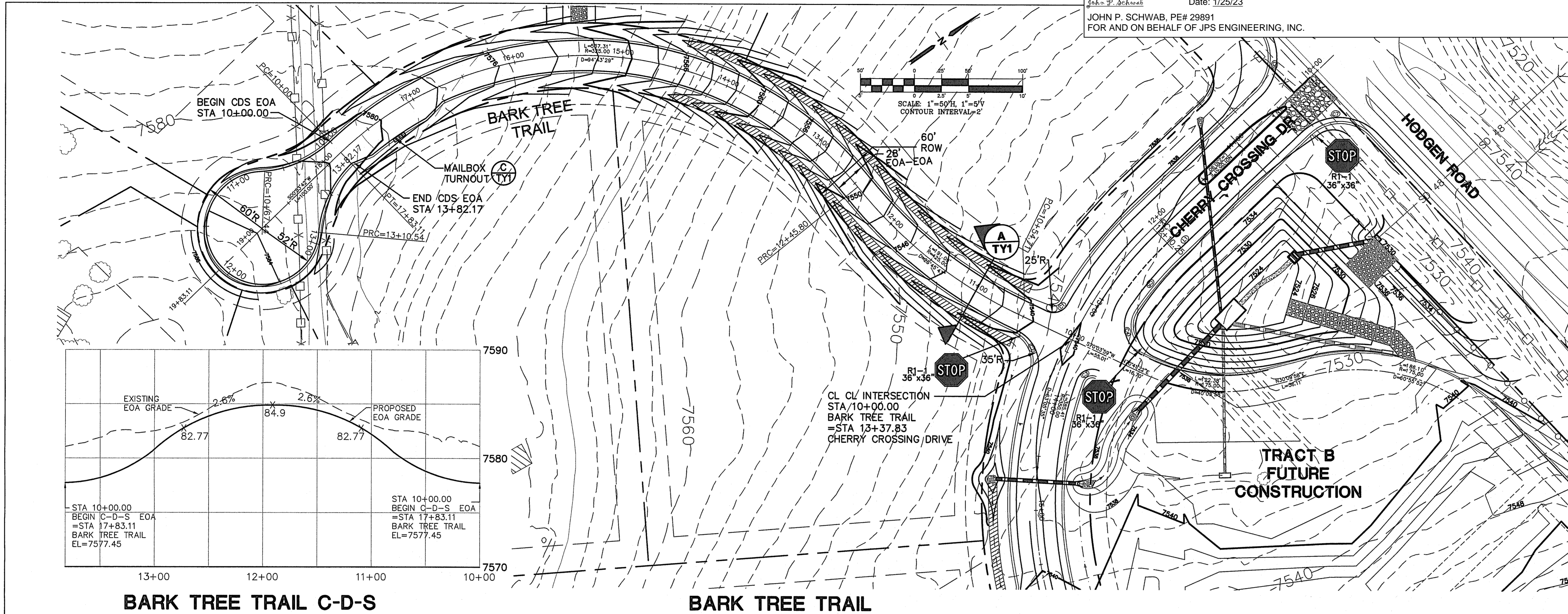
**CHERRY CROSSING DRIVE
 PLAN & PROFILE**



HORZ. SCALE: 1"=50'
 VERT. SCALE: 1"=5'
 SURVEYED: RAMPART
 CREATED: 10/05/17
 PROJECT NO: 081702
 SHEET: PP1
 DRAWN: BJJ
 DESIGNED: JPS
 CHECKED: JPS
 LAST MODIFIED: 6/29/21
 MODIFIED BY:

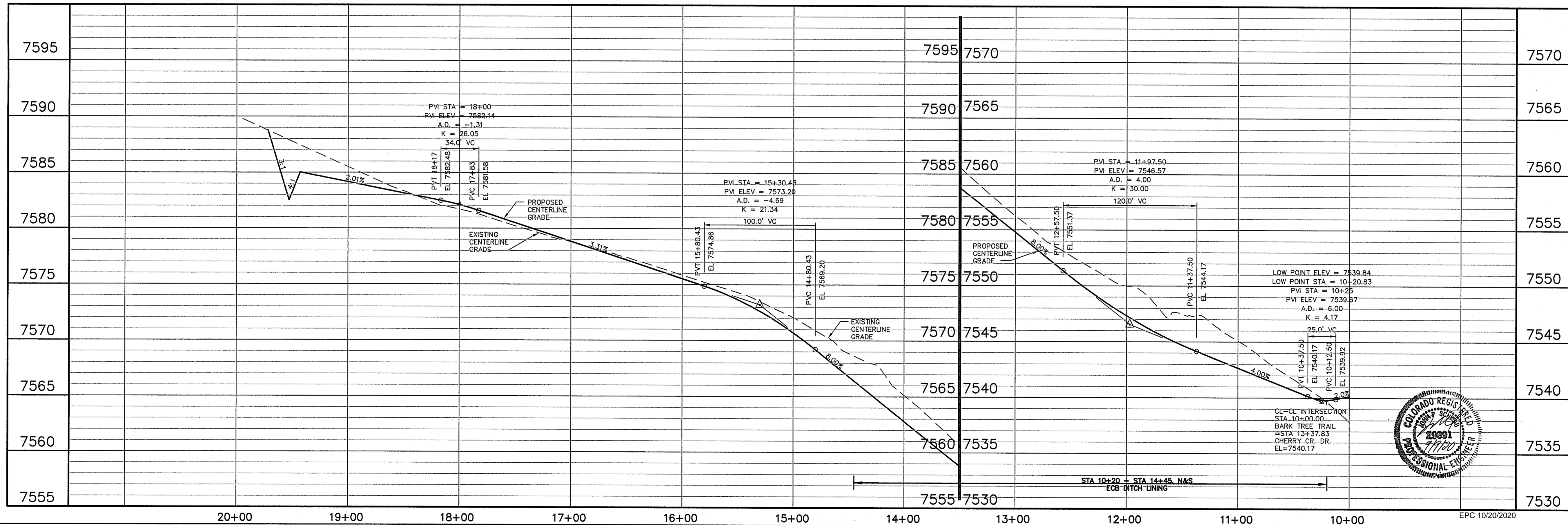
ENGINEERING RECORD DRAWINGS
 THESE RECORD DRAWINGS HAVE BEEN PREPARED, IN PART, ON THE BASIS OF INFORMATION COMPILED BY OTHERS. THEY ARE NOT INTENDED TO REPRESENT IN DETAIL, THE EXACT LOCATION, TYPE OF COMPONENT, NOR MANNER OF CONSTRUCTION. THE ENGINEER WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH HAVE BEEN INCORPORATED INTO THE RECORD DRAWINGS. REFER TO ORIGINAL DRAWINGS FOR SIGNATURES AND SEALS.

John P. Schwab Date: 1/25/23
 JOHN P. SCHWAB, PE# 29891
 FOR AND ON BEHALF OF JPS ENGINEERING, INC.

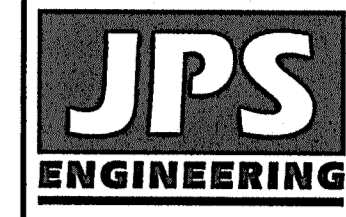


BARK TREE TRAIL C-D-S

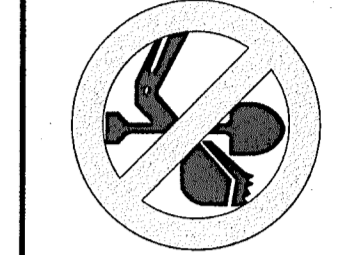
BARK TREE TRAIL



ROLLIN RIDGE - FILING NO. 1



19 E. Willamette Ave.
 Colorado Springs, CO
 80903
 PH: 719-477-9429
 FAX: 719-471-0766
 www.jpseng.com



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

| REVISION | DATE | BY |
|----------------------|----------|-----|
| FINAL PLAT SUBMITTAL | 10/21/19 | JPS |
| COUNTY COMMENTS | 2/28/20 | JPS |
| COUNTY COMMENTS | 5/13/20 | JPS |

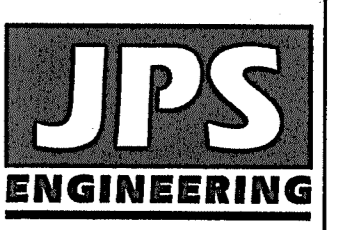
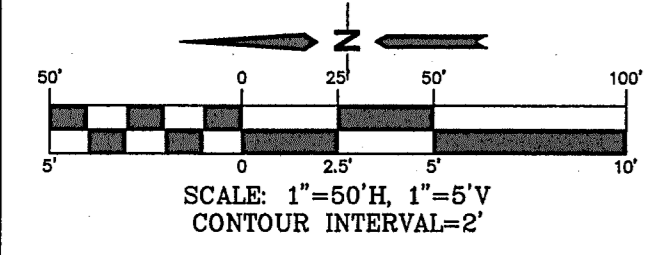
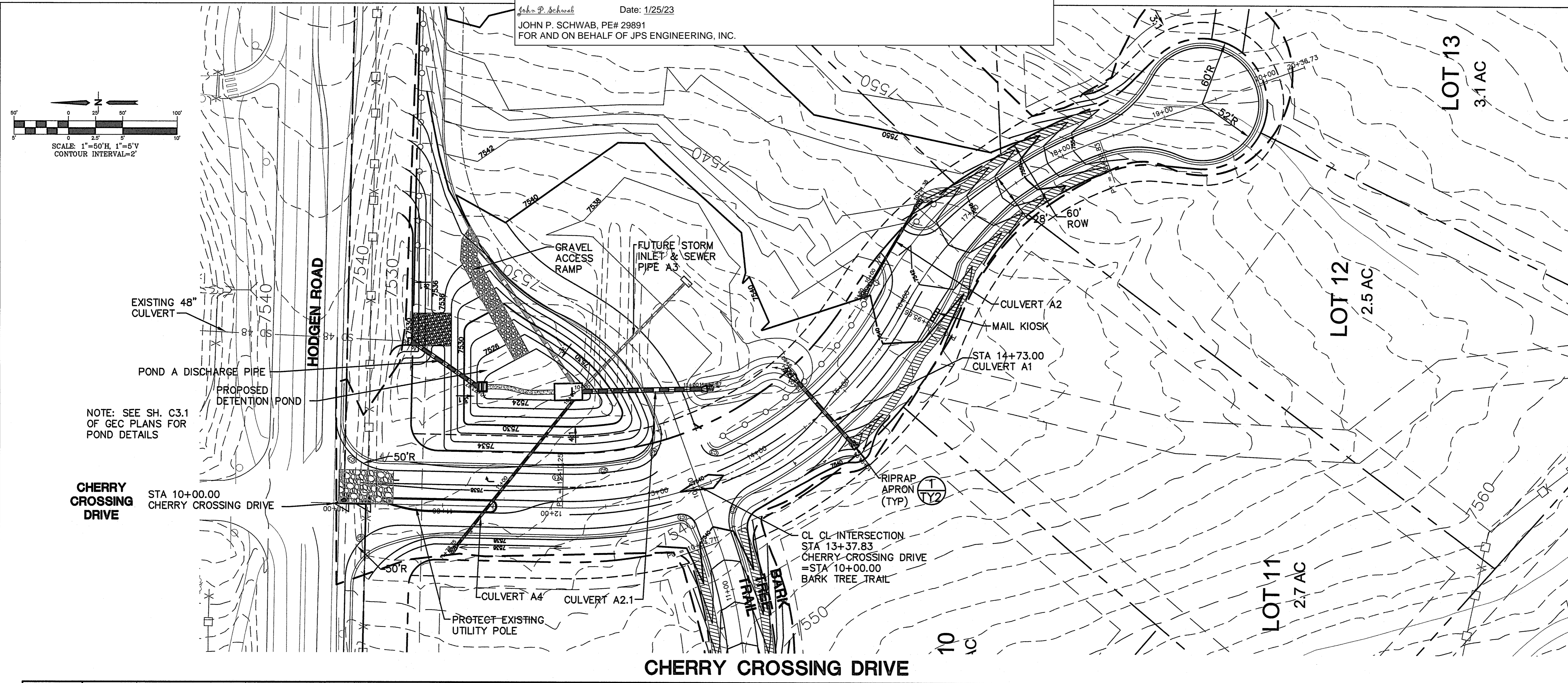
BARK TREE TRAIL PLAN & PROFILE

HORIZ. SCALE: 1"=50'
 VERT. SCALE: 1"=5'
 SURVEYED: RAMPART
 CREATED: 10/05/17
 PROJECT NO: 081702
 SHEET: PP2

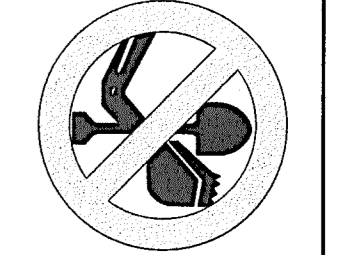
DRAWN: BJJ
 DESIGNED: JPS
 CHECKED: JPS
 LAST MODIFIED: 6/13/20
 MODIFIED BY:

ENGINEERING RECORD DRAWINGS
 THESE RECORD DRAWINGS HAVE BEEN PREPARED, IN PART, ON THE BASIS OF INFORMATION COMPILED BY OTHERS. THEY ARE NOT INTENDED TO REPRESENT IN DETAIL, THE EXACT LOCATION, TYPE OF COMPONENT, NOR MANNER OF CONSTRUCTION. THE ENGINEER WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH HAVE BEEN INCORPORATED INTO THE RECORD DRAWINGS. REFER TO ORIGINAL DRAWINGS FOR SIGNATURES AND SEALS.

John P. Schwab Date: 1/25/23
 JOHN P. SCHWAB, PE# 29891
 FOR AND ON BEHALF OF JPS ENGINEERING, INC.



19 E. Willamette Ave.
 Colorado Springs, CO 80903
 PH: 719-477-9429
 FAX: 719-471-0766
 www.jpsegr.com

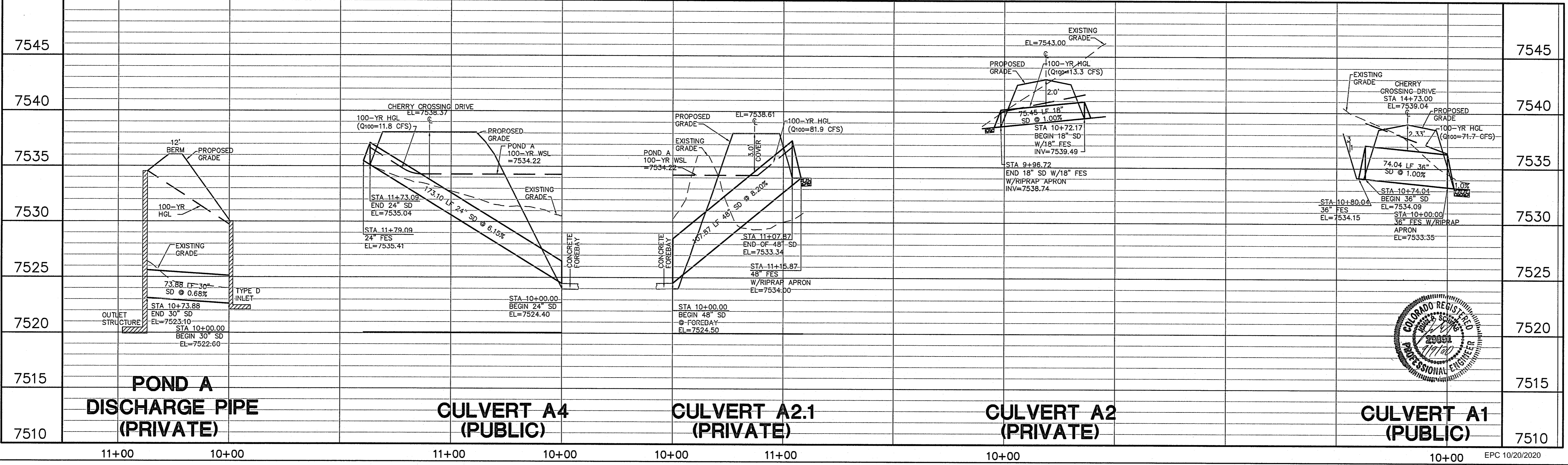


CALL UTILITY NOTIFICATION
 CENTER OF COLORADO
 1-800-922-1987
 BEFORE YOU DIG, GRADE, OR EXCAVATE
 FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES.

ROLLIN RIDGE - FILING NO. 1

| No. | REVISION | DATE | BY |
|-----|-----------------------|----------|-----|
| 1 | FILING PLAT SUBMITTAL | 10/21/19 | JPS |
| 2 | COUNTY COMMENTS | 2/28/20 | JPS |
| 3 | COUNTY COMMENTS | 5/13/20 | JPS |

STORM DRAIN CULVERT
 PLAN & PROFILE



HORZ. SCALE: 1"=50'
 VERT. SCALE: 1"=5'
 SURVEYED: RAMPART
 CREATED: 8/19/19
 PROJECT NO: 081702
 SHEET: SD1

DRAWN: BJJ
 DESIGNED: JPS
 CHECKED: JPS
 LAST MODIFIED: 6/13/20
 MODIFIED BY:



INDEX OF SHEETS

- 1 TITLE SHEET
- 2 GENERAL NOTES
- 3 TRAFFIC TABULATIONS
- 4 SIGNAGE AND PAVEMENT MARKINGS PLAN (HODGEN ROAD)
- 5 SIGNAGE AND PAVEMENT MARKINGS PLAN (CHERRY CROSSING DRIVE, PART 1)
- 6 SIGNAGE AND PAVEMENT MARKINGS PLAN (CHERRY CROSSING DRIVE, PART 2)

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

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

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

APPROVED
Engineering Department

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

10/20/2020 2:14:53 PM
 dsdnijkamp
 EPC Planning & Community
 Development Department

LIST OF AGENCIES (STAKEHOLDER) WITH ADDRESSES & POINTS OF CONTACT

APPLICANT: TC&C, LLC
 17572 COLONIAL PARK DRIVE, MONUMENT, CO 80132; PHONE: 719-651-4013

CIVIL ENGINEER: JPS ENGINEERING, INC.
 19 E. WILLAMETTE AVE, COLORADO SPRINGS, CO 8090; PHONE: 719-477-9429

TRAFFIC ENGINEER: LSC TRANSPORTATION CONSULTANTS, INC.
 2504 E. PIKES PEAK AVE., SUITE 304, COLORADO SPRINGS, CO 80909; PHONE: 719-633-2898

LOCAL ROADS AND DRAINAGE: EL PASO COUNTY PC
 2880 INTERNATIONAL CIRCLE, COLORADO SPRINGS, CO 80910; PHONE: 719-520-6300

STATE HIGHWAY: COLORADO DEPARTMENT OF TRANSPORTATION, REGION 2 [VALERIE SWORD]
 5615 WILLIS BLVD, PUEBLO, CO; PHONE: 719-546-5407

UTILITY COMPANY (ELECTRIC): MOUNTAIN VIEW ELECTRIC
 11140 E. WOODMEN ROAD, COLORADO SPRINGS, CO 80908; PHONE: 719-495-2283

UTILITY COMPANY (TELEPHONE): CENTURY LINK COMMUNICATIONS
 LOCATORS PHONE: 800-922-1987

UTILITY COMPANY (TELEPHONE): AT&T
 LOCATORS PHONE: 719-635-3674

UTILITY COMPANY (GAS): BLACK HILLS ENERGY [SEBASTIAN SCHWENDER]
 PHONE: 719-399-3176

Note: Please refer to approved deviations per the preliminary plan (SP181), Several elements of this design are based on the approved deviations.

COLORADO
 DEPARTMENT OF TRANSPORTATION
M&S STANDARDS PLANS LIST
 JULY 04, 2012
 REVISED ON MAY 03, 2019

NEW OR REVISED STANDARD PLAN SHEETS
 APPLICABLE TO THIS PROJECT, INDICATED BY A
 MARKET BOX , WILL BE ATTACHED TO THE PLANS
 ALL OF THE M&S STANDARD PLANS, AS SUPPLEMENTED
 AND REVISED, APPLY TO THIS PROJECT WHEN USED BY
 DESIGNATED PAY ITEM OR SUBSIDIARY ITEM

| PLAN # | NEW OR REVISED | S STANDARD TITLE | PAGE # |
|----------|-------------------------------------|--|---------|
| S-612-1 | <input type="checkbox"/> | DELINEATOR INSTALLATIONS (8 SHEETS) [REVISED ON APRIL 12, 2018] | 151-157 |
| S-612-1 | <input checked="" type="checkbox"/> | GROUND SIGN PLACEMENT (2 SHEETS) [REVISED ON DECEMBER 12, 2014] | 158-159 |
| S-612-2 | <input checked="" type="checkbox"/> | CLASS I SIGNS [REVISED ON JUNE 24, 2016] | 160 |
| S-612-3 | <input type="checkbox"/> | CLASS II SIGNS | 161 |
| S-612-4 | <input type="checkbox"/> | CLASS III SIGNS (3 SHEETS) [REVISED ON DECEMBER 17, 2014] | 162-164 |
| S-612-5 | <input checked="" type="checkbox"/> | BREAK-AWAY SIGN SUPPORT DETAILS FOR GROUND SIGNS (2 SHEETS) [REVISED ON FEBRUARY 8, 2017] | 165-166 |
| S-612-6 | <input type="checkbox"/> | CONCRETE FOOTINGS AND SIGN ISLANDS FOR CLASS III SIGNS (2 SHEETS) [REVISED ON SEPTEMBER 16, 2013] | 167-168 |
| S-612-8 | <input checked="" type="checkbox"/> | TUBULAR STEEL SIGN SUPPORT DETAILS (7 SHEETS) [REVISED ON APRIL 12, 2018] | 169-173 |
| S-614-20 | <input type="checkbox"/> | TYPICAL POLE MOUNT SIGN INSTALLATIONS | 181 |
| S-614-50 | <input type="checkbox"/> | STATIC SIGN MONOTUBE STRUCTURES (12 SHEETS) [REVISED ON JUNE 17, 2016] | 208-219 |
| S-614-60 | <input type="checkbox"/> | DYNAMIC SIGN MONOTUBE STRUCTURES (14 SHEETS) [REVISED ON JUNE 17, 2016] | 220-233 |
| S-627-1 | <input checked="" type="checkbox"/> | PAVEMENT MARKINGS (8 SHEETS) [REVISED ON FEBRUARY 08, 2017] | 234-238 |
| S-630-1 | <input checked="" type="checkbox"/> | TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION (24 SHEETS) [REVISED ON JUNE 23, 2016] | 239-258 |
| S-630-2 | <input checked="" type="checkbox"/> | BARRICADES, DRUMS, CONCRETE BARRIERS (TEMP), AND VERTICAL PANELS [REVISED ON JUNE 23, 2016] | 259 |
| S-630-3 | <input type="checkbox"/> | FLASHING BEACON (PORTABLE) DETAILS | 260 |
| S-630-4 | <input type="checkbox"/> | STEEL SIGN SUPPORT (TEMPORARY INSTALLATION DETAILS (2 SHEETS) | 261-262 |
| S-630-5 | <input type="checkbox"/> | PORTABLE RUMBLE STRIPS (TEMPORARY) (2 SHEETS) [REVISED ON AUGUST 13, 2015] | 263-264 |
| S-630-6 | <input type="checkbox"/> | EMERGENCY PULL-OFF AREA (TEMPORARY) | 265 |
| S-630-7 | <input type="checkbox"/> | ROLLING ROADBLOCKS FOR TRAFFIC CONTROL (3 SHEETS) | 266-268 |

DESIGN ENGINEER'S SIGNATURE AND STAMP:

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 ANY LIABILITY CAUSED BY ANY NEGLIGENT ACTS, ERRORS OR OMISSIONS ON MY PART IN PREPARATION OF THESE DETAILED PLANS AND SPECIFICATIONS.



JEFFREY C. HODSDON, P.E. #31684 08/28/2020

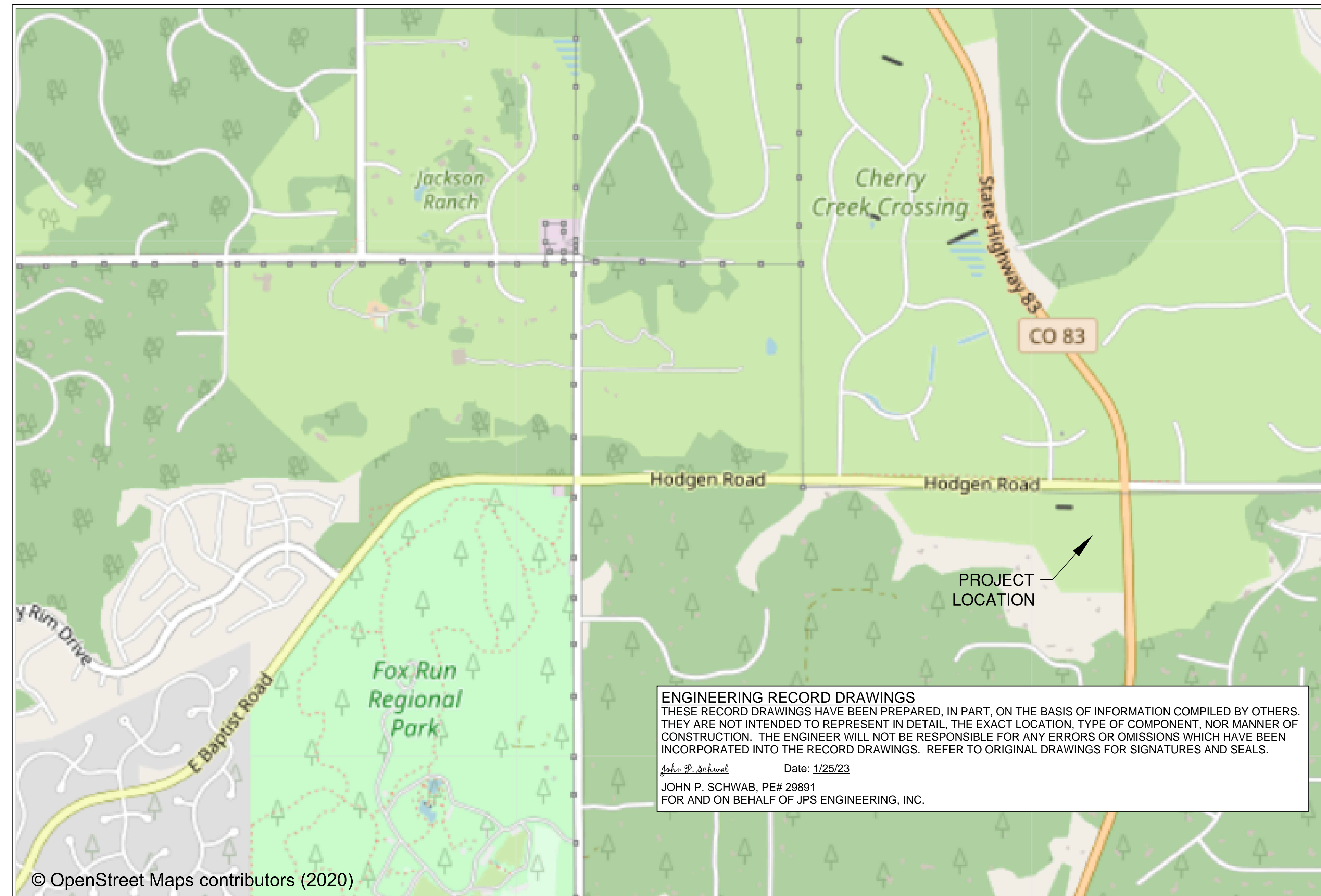
 DATE

OWNER/DEVELOPER'S STATEMENT:

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

Carl Turse
 CARL TURSE 10-8-2020

 DATE



ENGINEERING RECORD DRAWINGS
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John P. Schwab Date: 1/25/23
 JOHN P. SCHWAB, PE# 29891
 FOR AND ON BEHALF OF JPS ENGINEERING, INC.

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LSC
 TRANSPORTATION
 CONSULTANTS, INC.
 2504 E Pikes Peak Ave, Suite 304
 Colorado Springs, CO 80909
 719-633-2868
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 (Colorado Springs, CO) is prohibited
 and will be prosecuted to the fullest
 extent of the law

**Pavement Marking and Sign Plan for Construction
 Hodgen Road/Cherry Crossing Drive
 Rollin' Ridge Filing 1**

| REVISIONS | DATE |
|----------------------|---------------------------|
| Response to comments | 06/16/2020 |
| Response to comments | 07/21/2020 |
| Response to comments | 08/28/2020 |
| DATE | 08/28/2020 |
| SCALE | N/A |
| DRAWN BY | JAB |
| JOB # | 194950 |
| DWG | Construction drawings.dwg |
| SHEET: 1 OF 6 | |

GENERAL NOTES

PROJECT DESCRIPTION

- SIGNING AND MARKING AT HODGEN ROAD AND CHERRY CROSSING DRIVE.

GENERAL NOTES

- PLEASE REFER TO GENERAL NOTES FROM JPS ENGINEERING PLAN ENTITLED "GENERAL NOTES & LEGEND (SHEET 2)" AND DATED 02/28/2020. THIS SET IS INTENDED TO ACCOMPANY THAT CONSTRUCTION PLAN SET.

UTILITIES

- THE CONTRACTOR SHALL FIELD-VERIFY THE LOCATION OF ALL EXISTING UTILITIES AND SUBSURFACE ITEMS IN THE WORK AREA PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL NOTIFY ALL AFFECTED UTILITIES AT LEAST TWO BUSINESS DAYS, NOT INCLUDING THE ACTUAL DAY OF NOTICE, PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL CONTACT UNCC AT 811 OR (800)922-1987 TO HAVE LOCATIONS OF UNCC REGISTERED LINES MARKED BY MEMBER COMPANIES. ALL OTHER UNDERGROUND UTILITIES SHALL BE LOCATED BY CONTACTING THE RESPECTIVE OWNER.
- IF UNDERGROUND UTILITIES ARE EXPOSED DURING CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE OWNER OF THE FACILITY TO ALLOW THE INSPECTION OF THE FACILITY FOR DAMAGE. ANY EXISTING UTILITY LINES THAT ARE DAMAGED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE. THIS EXPENSE SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE PAYMENT SHALL BE MADE.
- UTILITY LINES AS SHOWN IN THE PLAN SHEETS ARE PLOTTED FROM THE BEST AVAILABLE INFORMATION. THE CONTRACTOR'S ATTENTION IS DIRECTED TO SUBSECTION 185.11 OF THE STANDARD SPECIFICATIONS CONCERNING UTILITIES. THE CONTRACTOR SHALL COMPLY WITH ARTICLE 1.5 OF TITLE 9, C.R.S. (EXCAVATION REQUIREMENTS) WHEN EXCAVATING OR GRADING IS PLANNED IN THE AREA OF UNDERGROUND UTILITIES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING ALL APPLICABLE PERMITS AND COORDINATING WITH THE LOCAL UTILITY COMPANIES.



**CALL UTILITY NOTIFICATION
CENTER OF COLORADO
811**

**CALL 3 BUSINESS DAYS IN ADVANCE
BEFORE YOU DIG, GRADE, OR EXCAVATE
FOR THE MARKING OF UNDERGROUND
MEMBER UTILITIES.**

SIGNING AND STRIPING NOTES

- ALL SIGNS AND PAVEMENT MARKINGS SHALL BE IN COMPLIANCE WITH THE CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- REMOVAL OF EXISTING PAVEMENT MARKINGS SHALL BE ACCOMPLISHED BY A METHOD THAT DOES NOT MATERIALLY DAMAGE THE PAVEMENT. THE PAVEMENT MARKINGS SHALL BE REMOVED TO THE EXTENT THAT THEY WILL NOT BE VISIBLE UNDER DAY OR NIGHT CONDITIONS. AT NO TIME WILL IT BE ACCEPTABLE TO PAINT OVER EXISTING PAVEMENT MARKINGS.
- ANY DEVIATION FROM THE STRIPING AND SIGNING PLAN SHALL BE APPROVED BY EL PASO COUNTY DEVELOPMENT SERVICES.
- ALL SIGNS SHOWN ON THE SIGNING AND STRIPING PLAN SHALL BE NEW SIGNS. EXISTING SIGNS MAY REMAIN OR BE REUSED IF THEY MEET CURRENT EL PASO COUNTY AND MUTCD STANDARDS.
- STREET NAME AND REGULATORY STOP SIGNS SHALL BE ON THE SAME POST AT INTERSECTIONS.
- ALL REMOVED SIGNS SHALL BE DISPOSED OF IN A PROPER MANNER BY THE CONTRACTOR.
- ALL STREET NAME SIGNS SHALL HAVE "D" SERIES LETTERS, WITH LOCAL ROADWAY SIGNS BEING 4" UPPER-LOWER CASE LETTERING ON 8" BLANK AND NON-LOCAL ROADWAY SIGNS BEING 6" LETTERING, UPPER-LOWER CASE ON 12" BLANK, WITH A WHITE BORDER THAT IS NOT RECESSED. MULTI-LANE ROADWAYS WITH SPEED LIMITS OF 40 MPH OR HIGHER SHALL HAVE 8" UPPER-LOWER CASE LETTERING ON 18" BLANK WITH A WHITE BORDER THAT IS NOT RECESSED. THE WIDTH OF THE NON-RECESSED WHITE BORDERS SHALL MATCH PAGE 255 OF THE 2012 MUTCD "STANDARD HIGHWAY SIGNS"
- ALL TRAFFIC SIGNS SHALL HAVE A MINIMUM HIGH INTENSITY PRISMATIC GRADE SHEETING.
- ALL LOCAL RESIDENTIAL STREET SIGNS SHALL BE MOUNTED ON A 1.75" X 1.75" SQUARE TUBE SIGN POST AND STUB POST BASE. FOR OTHER APPLICATIONS, REFER TO THE CDOT STANDARD S-614-8 REGARDING USE OF THE P2 TUBULAR STEEL POST SLIPBASE DESIGN.

BASIS OF BEARING

BEGINNING AT THE SOUTHWEST CORNER OF PARCEL 3, AS DESCRIBED IN DEED RECORDED UNDER SAID RECEPTION NO. 217125842, SAID POINT ALSO BEING THE SOUTHEAST CORNER OF THAT TRACT OF LAND AS DESCRIBED IN DEED RECORDED UNDER RECEPTION NO. 200156068 OF SAID COUNTY RECORDS, AS MONUMENTED BY A 5/8" REBAR (NO CAP), FROM WHICH THE NORTHWEST CORNER OF SAID PARCEL 3, SAID POINT ALSO BEING THE SOUTHWEST CORNER OF THAT RIGHT-OF-WAY PARCEL AS DESCRIBED IN DEED RECORDED UNDER RECEPTION NO. 206076668 OF SAID COUNTY RECORDS, AS MONUMENTED BY A 5/8" REBAR WITH ORANGE CAP STAMPED "PLS 32439" BEARS N00°06'39"W (S00°06'40"E PER THAT DEED RECORDED UNDER SAID RECEPTION NO. 217125842), A DISTANCE OF 1262.77 FEET (1262.73 FEET OF RECORD)

BENCHMARK

☛ SURVEY CONTROL POINTS AS SHOWN
ALL ELEVATION BASED UPON NGS DESIGNATION "4 BB RESET"
ELEVATION = 7570.80 (NAVD 88 VERTICAL DATUM)

- ALL SIGNS SHALL BE SINGLE SHEET ALUMINUM WITH 0.100" MINIMUM THICKNESS.

11. ALL LIMIT LINES/STOP LINES, CROSSWALK LINES, PAVEMENT LEGENDS, AND ARROWS SHALL BE A MINIMUM 125 MIL THICKNESS PREFORMED THERMOPLASTIC PAVEMENT MARKINGS WITH TAPERED LEADING EDGES PER CDOT STANDARD S-627-1. WORD AND SYMBOL MARKINGS SHALL BE THE NARROW TYPE. STOP BARS SHALL BE 24" IN WIDTH. CROSSWALKS LINES SHALL BE 12" WIDE AND 8' LONG PER CDOT S-627-1.

12. ALL LONGITUDINAL LINES SHALL BE A MINIMUM 15MIL THICKNESS EPOXY PAINT. ALL NON-LOCAL RESIDENTIAL ROADWAYS SHALL INCLUDE BOTH RIGHT AND LEFT EDGE LINE STRIPING AND ANY ADDITIONAL STRIPING AS REQUIRED BY CDOT S-627-1.

13. THE CONTRACTOR SHALL NOTIFY EL PASO COUNTY PLANNING AND COMMUNITY DEVELOPMENT DEPARTMENT (719) 520-6819 PRIOR TO AND UPON COMPLETION OF SIGNING AND STRIPING.

14. THE CONTRACTOR SHALL OBTAIN A WORK IN THE RIGHT OF WAY PERMIT FROM THE EL PASO COUNTY PUBLIC WORKS DEPARTMENT PRIOR TO ANY SIGNAGE OR STRIPING WORK WITHIN AN EXISTING EL PASO COUNTY ROADWAY.

COUNTY GENERAL NOTES

1. ALL DRAINAGE AND ROADWAY CONSTRUCTION SHALL MEET THE STANDARDS AND SPECIFICATIONS OF THE CITY OF COLORADO SPRINGS/EL PASO COUNTY DRAINAGE CRITERIA MANUAL, VOLUMES 1 AND 2, AND THE EL PASO COUNTY ENGINEERING CRITERIA MANUAL.

2. CONTRACTOR SHALL BE RESPONSIBLE FOR THE NOTIFICATION AND FIELD LOCATION 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).

3. CONTRACTOR SHALL KEEP A COPY OF THESE APPROVED PLANS, THE GRADING AND EROSION CONTROL PLAN, THE STORMWATER MANAGEMENT PLAN (SWMP), THE SOILS AND GEOTECHNICAL REPORT, AND THE APPROPRIATE DESIGN AND CONSTRUCTION STANDARDS AND SPECIFICATIONS AT THE JOB SITE AT ALL TIMES, INCLUDING THE FOLLOWING:
A. EL PASO COUNTY ENGINEERING CRITERIA MANUAL (ECM)
B. CITY OF COLORADO SPRINGS/EL PASO COUNTY DRAINAGE CRITERIA MANUAL, VOL. 1 & 2
C. COLORADO DEPARTMENT OF TRANSPORTATION (CDOT) STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION
D. CDOT M & S STANDARDS

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 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.

5. IT IS THE DESIGN ENGINEER'S RESPONSIBILITY TO ACCURATELY SHOW EXISTING CONDITIONS, BOTH ONSITE AND OFFSITE, ON THE CONSTRUCTION PLANS. ANY MODIFICATIONS NECESSARY DUE TO CONFLICTS, OMISSIONS, OR CHANGED CONDITIONS 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 DEPARTMENT (PCD) - INSPECTIONS, PRIOR TO STARTING CONSTRUCTION.

7. IT IS THE CONTRACTOR'S RESPONSIBILITY TO UNDERSTAND THE REQUIREMENTS OF ALL JURISDICTIONAL AGENCIES AND TO OBTAIN ALL REQUIRED PERMITS, INCLUDING BUT NOT LIMITED TO EL PASO COUNTY EROSION AND STORMWATER QUALITY CONTROL PERMIT (ESQCP), REGIONAL BUILDING FLOODPLAIN DEVELOPMENT PERMIT, U.S. ARMY CORPS OF ENGINEERS-ISSUED 401 AND/OR 404 PERMITS, AND COUNTY AND STATE FUGITIVE DUST PERMITS.

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

9. ALL STORM DRAIN PIPE SHALL BE CLASS III RCP WITH CLASS B BEDDING UNLESS OTHERWISE NOTED AND APPROVED BY PCD.

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.

11. ALL CONSTRUCTION TRAFFIC MUST ENTER/EXIT THE SITE AT APPROVED CONSTRUCTION ACCESS POINTS.

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.

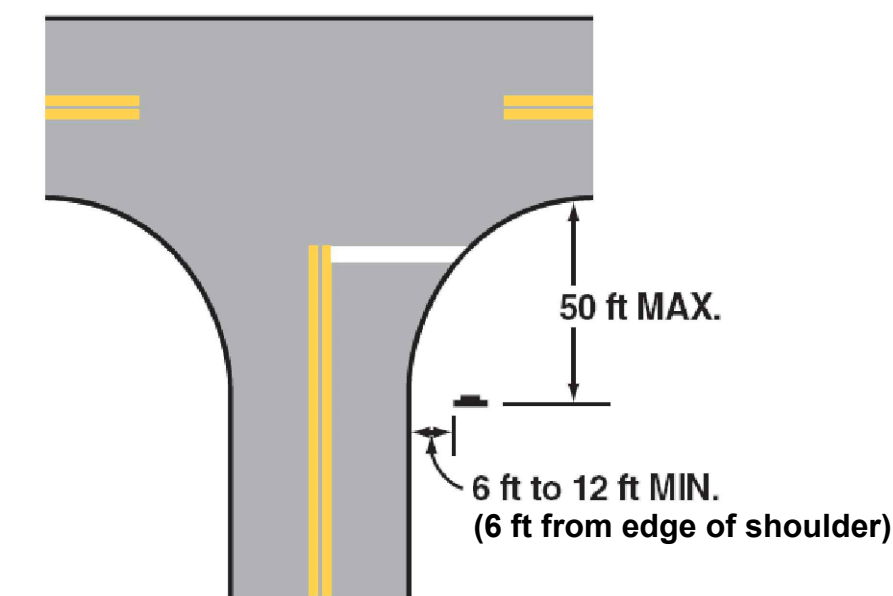
13. SIGNING AND STRIPING SHALL COMPLY WITH EL PASO DEPARTMENT OF PUBLIC WORKS (DPW) AND MUTCD CRITERIA.

14. CONTRACTOR SHALL OBTAIN ANY PERMITS REQUIRED BY EL PASO DEPARTMENT OF PUBLIC WORKS (DPW), INCLUDING WORK WITHIN THE RIGHT-OF-WAY AND SPECIAL TRANSPORT PERMITS.

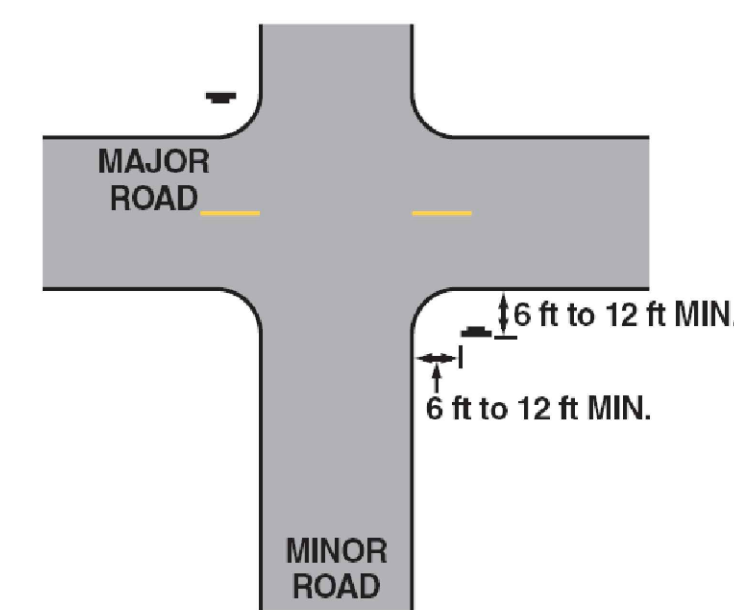
15. THE LIMITS OF CONSTRUCTION SHALL REMAIN WITHIN THE PROPERTY LINE UNLESS OTHERWISE NOTED. THE OWNER/DEVELOPER SHALL OBTAIN WRITTEN PERMISSION AND EASEMENTS, WHERE REQUIRED, FROM ADJOINING PROPERTY OWNER(S) PRIOR TO ANY OFF-SITE DISTURBANCE, GRADING, OR CONSTRUCTION.

LATERAL LOCATIONS OF STOP SIGN INSTALLATIONS

- THE STOP SIGN AT HODGEN ROAD/CHERRY CROSSING DRIVE SHALL BE INSTALLED PER SPECIFICATIONS IN MUTCD FIGURE 2A-3(F), AS SHOWN BELOW:

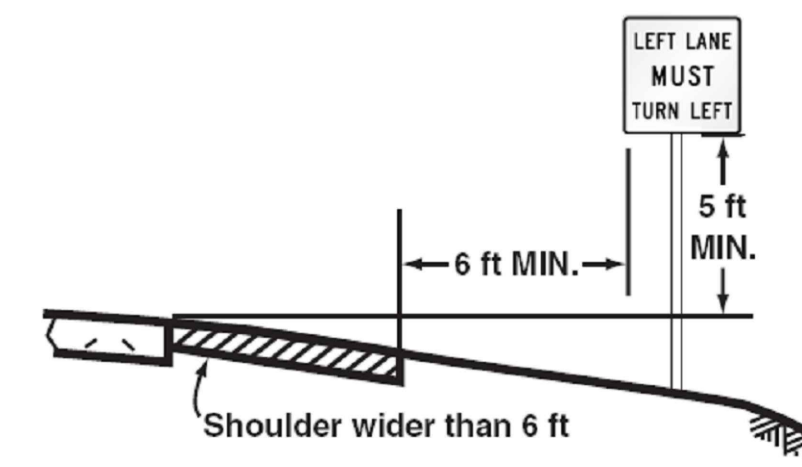


- THE STOP SIGN AT CHERRY CROSSING DRIVE/PRAYER TREE TRAIL SHALL BE INSTALLED PER SPECIFICATIONS IN MUTCD FIGURE 2A-3(C), AS SHOWN BELOW:

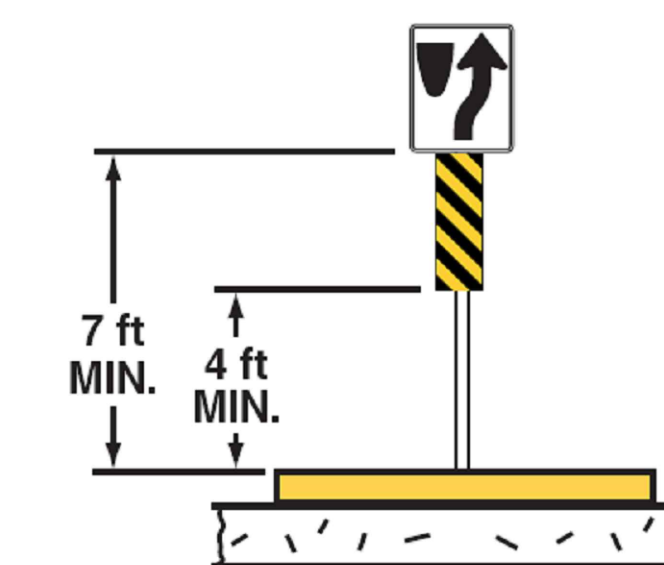


LATERAL LOCATIONS OF ROADSIDE SIGN INSTALLATIONS

- THE REMOUNTING OF THE EXISTING RE-7L (LEFT LANE MUST TURN LEFT) SIGNS ON HODGEN ROAD SHALL BE RELOCATED TO THE SOUTH OF THE NEW EDGE OF PAVEMENT AND SHOULDER PER SPECIFICATIONS IN MUTCD FIGURE 2A-2(B), AS SHOWN BELOW:



- THE MOUNTING POST AT CHERRY CROSSING DRIVE/PRAYER TREE TRAIL SHALL BE INSTALLED PER SPECIFICATIONS IN MUTCD FIGURE 2A-2(F), AS SHOWN BELOW:



ENGINEERING RECORD DRAWINGS

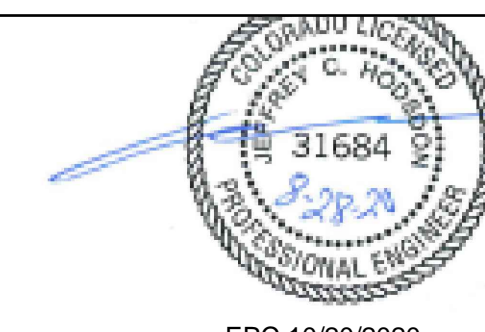
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John P. Schwab

Date: 1/25/23

JOHN P. SCHWAB, PE# 29891

FOR AND ON BEHALF OF JPS ENGINEERING, INC.



EPC 10/20/2020

General Notes
Pavement Marking and Sign Plan for Construction
Rollin' Ridge Filing 1

| REVISIONS | DATE |
|----------------------|---------------------------|
| Response to comments | 06/16/2020 |
| Response to comments | 07/21/2020 |
| Response to comments | 08/28/2020 |
| DATE | 05/26/2020 |
| SCALE | N/A |
| DRAWN BY | JAB |
| JOB # | 194950 |
| DWG | Construction drawings.dwg |

SHEET: 2 OF 6



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| Tabulation of Signs | | | | | | | | | | |
|---------------------|-----------|---------|----------|-------------|---------------------|---------------------|-------------------------|-----------|-----------|-----------|
| Sign Number | Direction | Station | Location | Sign | Panel Size W x H | Background Color | Legend | 202-00810 | 614-00011 | 614-01503 |
| | | | | | | | | Removals | Square Ft | Poles |
| 1 | NB | 10+43 | Shoulder | R1-1 | 36" x 36" | Red | STOP | 0 | 9.0 SF | 1 |
| 2 | NB | 10+58 | Median | R4-7 | 30" x 24" | White | Keep right (symbol) | 0 | 7.5 SF | 1 |
| 3 | NB | 10+58 | Median | OM3-L | 36" x 12" | Black | Left side object marker | 0 | 3.0 SF | 0 |
| 4 | NB | 11+44 | Median | R4-7 | 30" x 24" | White | Keep right (symbol) | 0 | 7.5 SF | 1 |
| 5 | NB | 11+44 | Median | OM3-L | 36" x 12" | Black | Left side object marker | 0 | 3.0 SF | 0 |
| 6 | EB | 13+60 | Shoulder | R1-1 | 36" x 36" | Red | STOP | 0 | 9.0 SF | 1 |
| 7 | WB | 13+38 | Roadway | R11-2 | 48" x 30" | White | ROAD CLOSED | 0 | 10.0 SF | 2 |
| 8 | EB | 10+43 | Shoulder | Street Name | 12" x 24" | Green | Hodgen Rd | 0 | 2.0 SF | 1 |
| 9 | NB | 10+43 | Shoulder | Street Name | 18" x 36" | Green | Cherry Crossing Dr | 0 | 4.5 SF | 1 |
| 10 | EB | 13+60 | Shoulder | Street Name | 12" x 24" | Green | Cherry Crossing Dr | 0 | 2.0 SF | 1 |
| 11 | SB | 13+60 | Shoulder | Street Name | 18" x 36" | Green | Prayer Tree Trail | 0 | 4.5 SF | 1 |
| 12 | SB | 16+39 | Roadway | R11-2 | 48" x 30" | White | ROAD CLOSED | 0 | 10.0 SF | 2 |

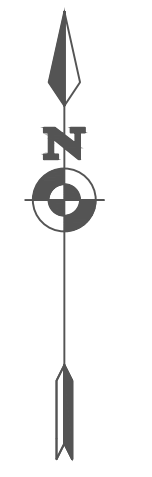
202-00810 -- Removal of ground sign
614-00011 -- Sign panel (Class I)
614-01503 -- Steel sign support (2-inch round, post and socket)

| Tabulation of Epoxy Pavement Markings | | | | | |
|---------------------------------------|-------|---------------------------------|------------------------|-------------------------|--------------------------|
| Station From To | | Modified Epoxy Pavement Marking | | | |
| | | White Solid (4") LF | White Solid (8") LF | White Dashed (8") LF | Double Yellow (4") LF |
| Hodgen Road | | | | | |
| 13+51 | 15+98 | | | 279.51 | |
| 13+51 | 17+26 | | | 760.96 | |
| Cherry Crossing Drive | | | | | |
| 10+00 | 13+10 | 344.92 | | | |
| 10+00 | 13+22 | 355.50 | | | |
| 10+39 | 11+44 | | 104.38 | | |
| 11+44 | 13+10 | | | 218.93 | |
| 12+13 | 13+10 | | 98.77 | | |
| 12+13 | 12+81 | | | 67.69 | |
| 12+58 | 13+06 | | 40.34 | | |
| 11+39 | 13+10 | | | 335.12 | |
| 13+68 | 14+38 | | 70.00 | | |
| 13+68 | 16+17 | | | 244.40 | |
| 15+10 | 16+17 | | 107.00 | | |
| 16+72 | 17+50 | | | 141.14 | |
| - | - | 1661.28 | | | |
| Total (LF) | | 2361.7 | 420.49 | 67.69 | 1980.06 |
| Total (SF) | | 787.23 | 280.33 | 45.13 | 660.02 |
| Total (Gallons) | | 10 | 4 | 1 | 9 |

| Tabulation of Construction Traffic Control and Removal Items | | | |
|--|------------------------------|------|---------------|
| Item # | Contract Item Description | Unit | Plan Quantity |
| 202-00250 | Removal of Pavement Marking | SF | 786.93 |
| 630-00000 | Flagging | Hour | 500 |
| 630-00007 | Traffic Control Inspection | Day | 50 |
| 630-00012 | Traffic Control Management | Day | 125 |
| 630-00016 | Traffic Control (Special) LS | LS | 1 |
| 630-80355 | Portable Message Sign Panel | Each | 2 |

| Tabulation of Thermoplastic Pavement Markings | | | | | |
|---|-----------------|-----------|--|-------------|--|
| Station | Roadway | Direction | Pre-Formed Thermoplastic Pavement Marking (Word-Symbol) (627-30405) | | Pre-Formed Thermoplastic Pavement Marking (Stop Line) (627-30410) |
| | | | Left Arrow | Right Arrow | Stop Line |
| | | | Each | Each | LF |
| 12+37 | Hodgen | WB | 1 | | |
| 13+60 | Hodgen | WB | 1 | 1 | |
| 15+94 | Hodgen | WB | 1 | | |
| 16+15 | Hodgen | WB | | 1 | |
| 10+54 | Cherry Crossing | NB | | 1 | |
| 10+39 | Cherry Crossing | NB | | | 25 |
| 11+39 | Cherry Crossing | NB | | 1 | |
| 13+37 | Cherry Crossing | EB | | | 25 |
| Total | | | 3 | 4 | 50 |
| Square-Footage Multiplier | | | 16.1 | 16.1 | 2.0 |
| Square-Footage | | | 48.3 | 64.4 | 52.0 |
| 627-30405 TOTAL (SF) | | | 112.7 | | - |
| 627-30410 TOTAL (SF) | | | - | | 52.0 |

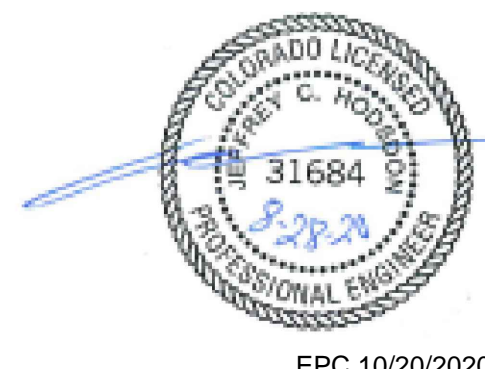
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John P. Schwab Date: 1/25/23
JOHN P. SCHWAB, PE# 29891
FOR AND ON BEHALF OF JPS ENGINEERING, INC.



1" = 30'

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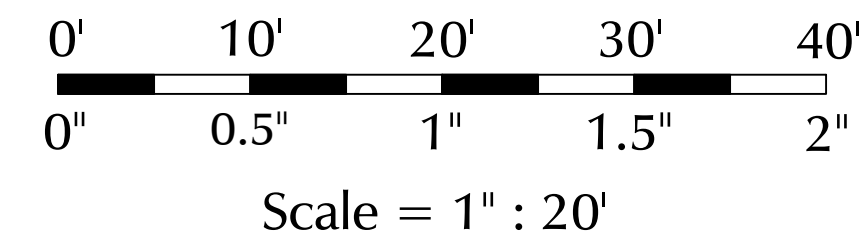
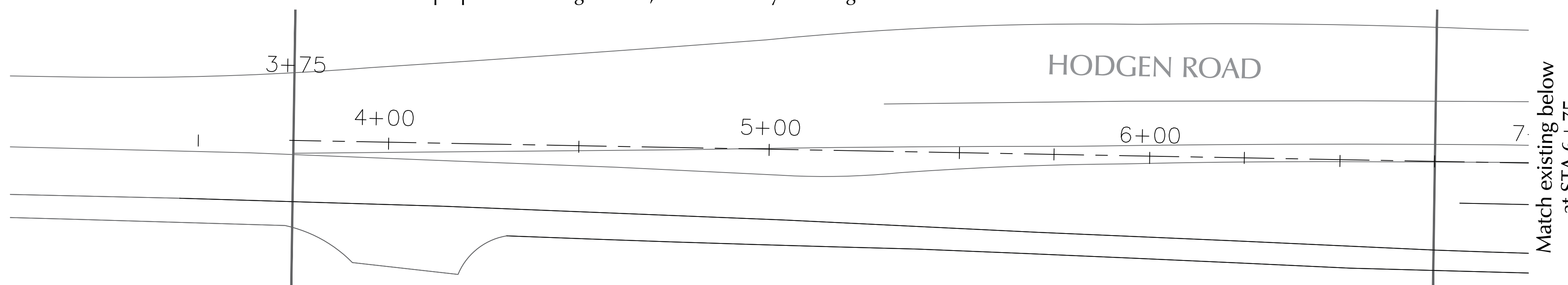
**Traffic Tabulations
Pavement Marking and Sign Plan for Construction
Rollin' Ridge Filing 1**



| REVISIONS | DATE |
|----------------------|---------------------------|
| Response to comments | 06/16/2020 |
| Response to comments | 07/21/2020 |
| Response to comments | 08/28/2020 |
| DATE | 01/25/2023 |
| SCALE | N/A |
| DRAWN BY | JAB |
| JOB # | 194950 |
| DWG | Construction drawings.dwg |

SHEET: 3 OF 6

Note: STA 3+75 to STA 6+75 shown for reference purposes on Hodgen Road, west of Cherry Crossing Drive

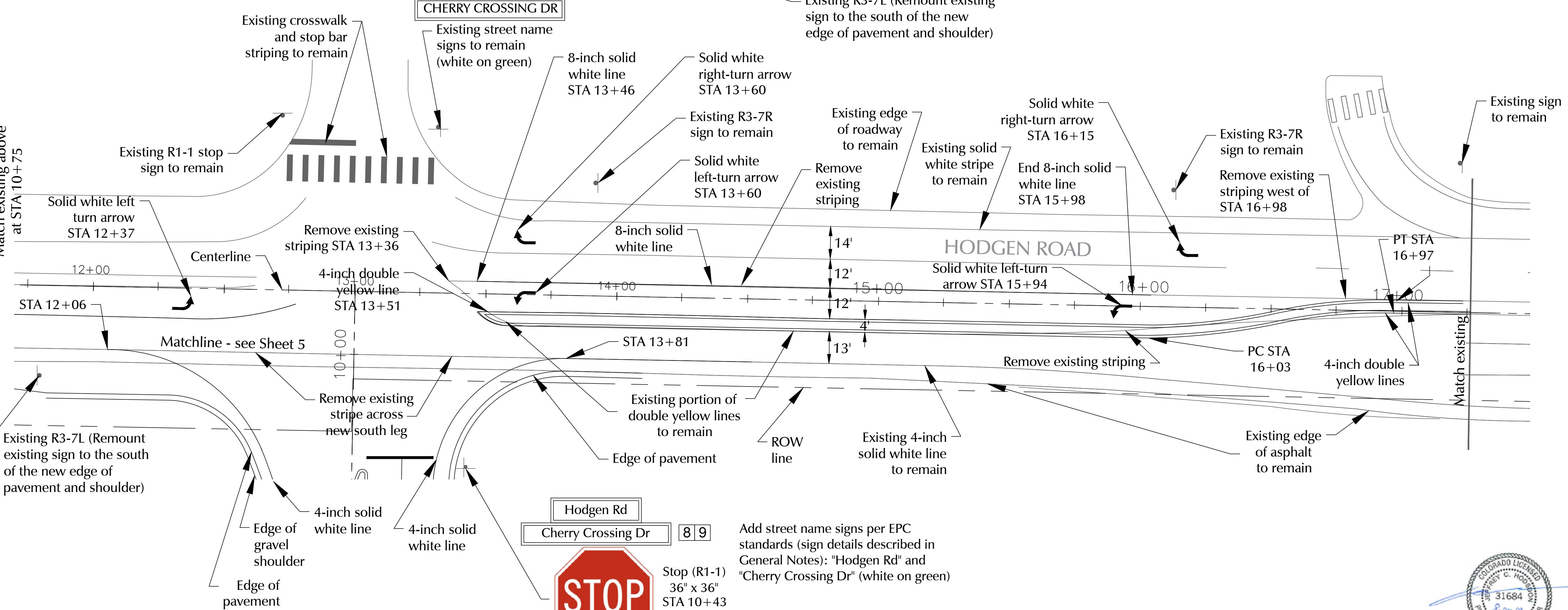
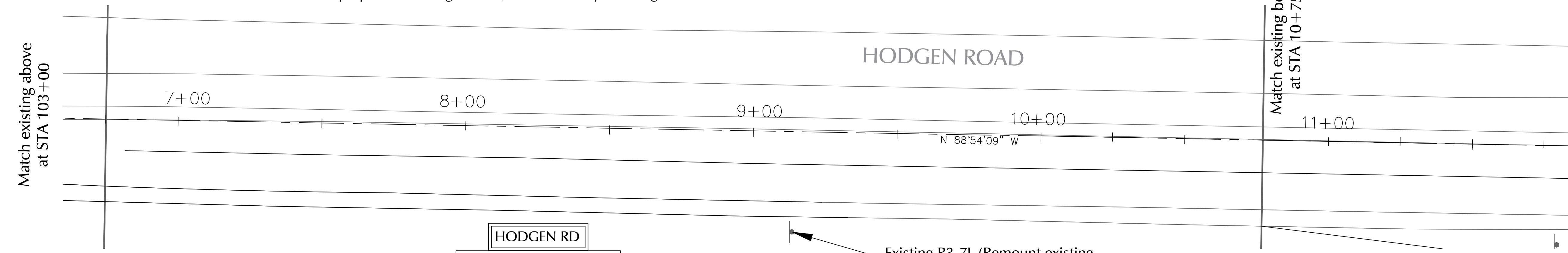


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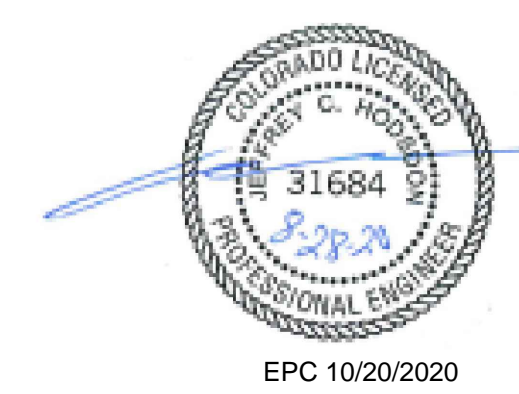
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John P. Schwab Date: 1/25/23
JOHN P. SCHWAB, PE# 29891
FOR AND ON BEHALF OF JPS ENGINEERING, INC.

Note: STA 6+75 to STA 10+75 shown for reference purposes on Hodgen Road, west of Cherry Crossing Drive



LEGEND
Sign # in "Sign Tabulation Table" on Sheet 3



Pavement Marking and Sign Plan for Construction
Rollin' Ridge Filing 1
Hodgen Road

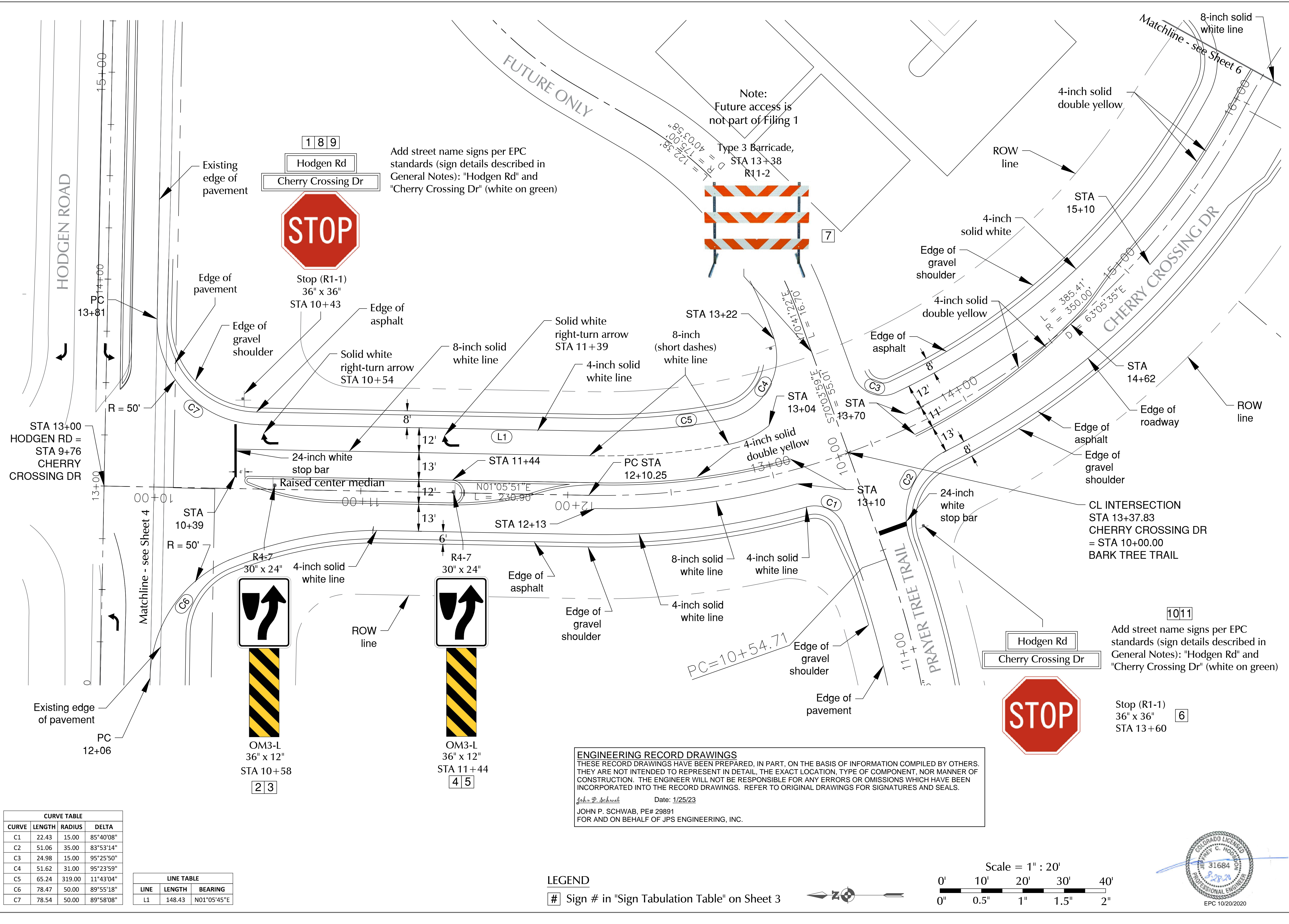
| REVISIONS | DATE |
|----------------------|---------------------------|
| Response to comments | 06/16/2020 |
| Response to comments | 07/21/2020 |
| Response to comments | 08/28/2020 |
| DATE | 08/28/2020 |
| SCALE | 1" = 20' |
| DRAWN BY | JAB |
| JOB # | 194950 |
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Pavement Marking and Sign Plan for Construction
Rollin' Ridge Filing 1
Cherry Crossing Drive (Part 1 of 2)



Add street name signs per EPC standards (sign details described in General Notes): "Hodgen Rd" and "Cherry Crossing Dr" (white on green)

Note:
Future access is not part of Filing 1

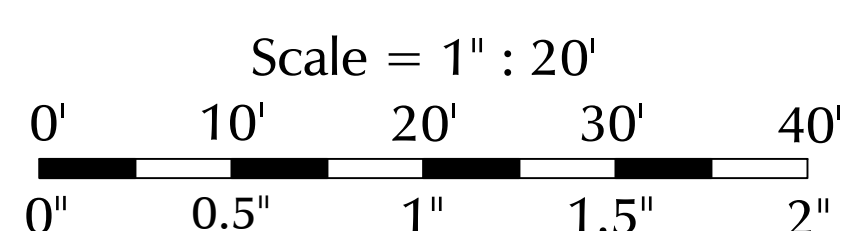
Add street name signs per EPC standards (sign details described in General Notes): "Hodgen Rd" and "Cherry Crossing Dr" (white on green)

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John P. Schwab Date: 1/25/23
JOHN P. SCHWAB, PE# 29891
FOR AND ON BEHALF OF JPS ENGINEERING, INC.

| CURVE TABLE | | | |
|-------------|--------|--------|-----------|
| CURVE | LENGTH | RADIUS | DELTA |
| C1 | 22.43 | 15.00 | 85°40'08" |
| C2 | 51.06 | 35.00 | 83°53'14" |
| C3 | 24.98 | 15.00 | 95°25'50" |
| C4 | 51.62 | 31.00 | 95°23'59" |
| C5 | 65.24 | 319.00 | 11°43'04" |
| C6 | 78.47 | 50.00 | 89°55'18" |
| C7 | 78.54 | 50.00 | 89°58'08" |

| LINE TABLE | | |
|------------|--------|-------------|
| LINE | LENGTH | BEARING |
| L1 | 148.43 | N01°05'45"E |

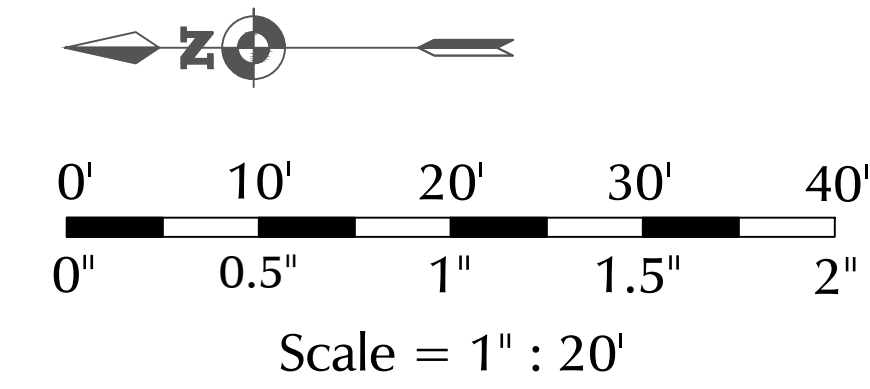
LEGEND
Sign # in "Sign Tabulation Table" on Sheet 3



| REVISIONS | DATE |
|----------------------|---------------------------|
| Response to comments | 06/16/2020 |
| Response to comments | 07/21/2020 |
| Response to comments | 08/28/2020 |
| DATE | 08/28/2020 |
| SCALE | 1" = 20' |
| DRAWN BY | JAB |
| JOB # | 194950 |
| DWG | Construction drawings.dwg |
| SHEET: | 5 OF 6 |

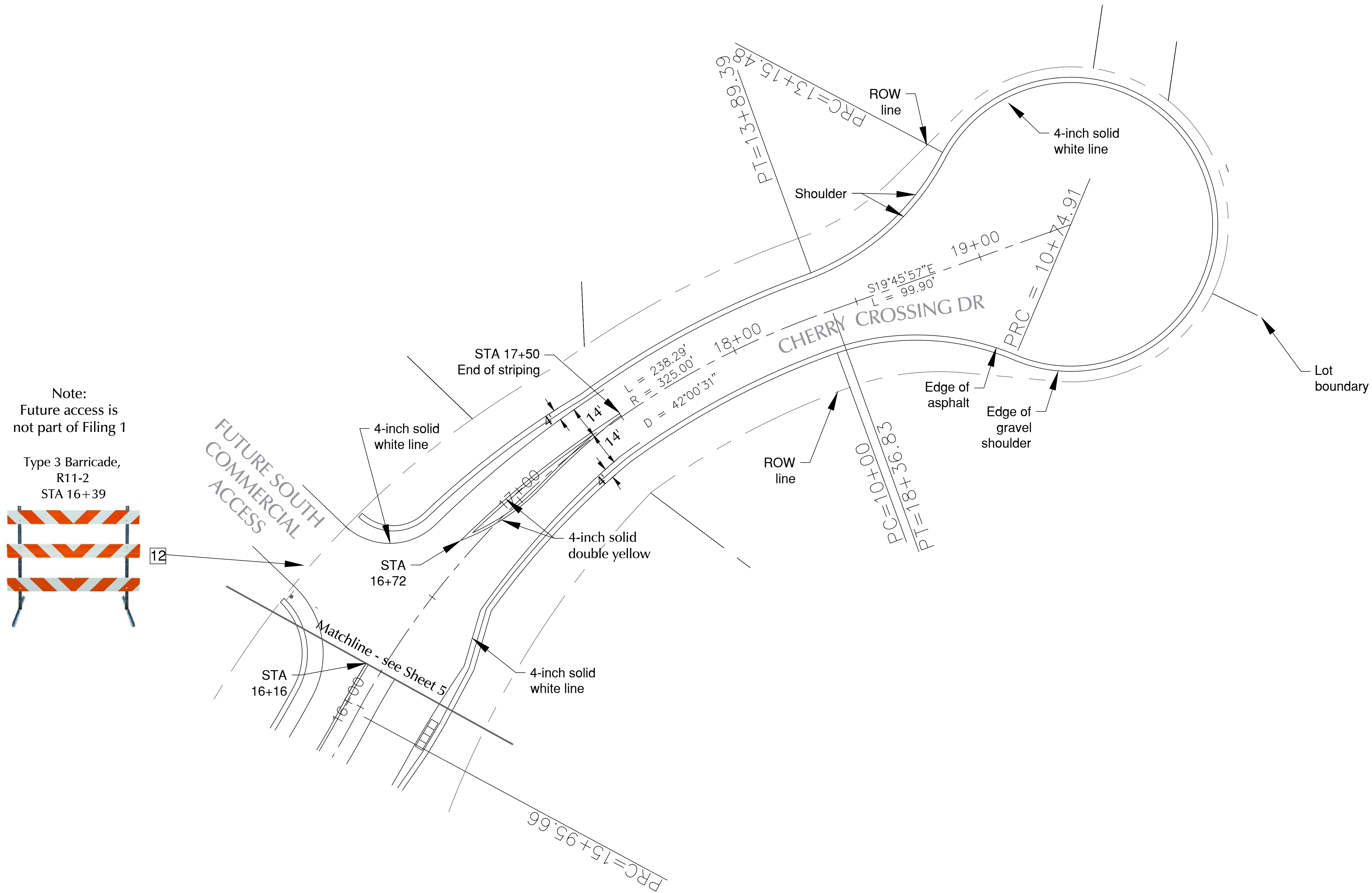
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John P. Schwab Date: 1/25/23
 JOHN P. SCHWAB, PE# 29891
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Note:
 Future access is not part of Filing 1

Type 3 Barricade,
 R11-2
 STA 16+39

LEGEND
 # Sign # in "Sign Tabulation Table" on Sheet 3



Pavement Marking and Sign Plan for Construction
Rollin' Ridge Filing 1
Cherry Crossing Drive (Part 2 of 2)

| REVISIONS | DATE |
|----------------------|---------------------------|
| Response to comments | 06/16/2020 |
| Response to comments | 07/21/2020 |
| Response to comments | 08/28/2020 |
| DATE | 08/28/2020 |
| SCALE | 1" = 20' |
| DRAWN BY | JAB |
| JOB # | 194950 |
| DWG | Construction drawings.dwg |

SHEET: 6 OF 6