

# WYOMING ESTATES SUBDIVISION GRADING AND EROSION CONTROL PLAN EL PASO COUNTY, CO

### Standard Notes for El Paso County Construction Plans

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 NOTIFICATION OF ALL EXISTING UTILITIES, WHETHER SHOWN ON THE PLANS OR NOT, BEFORE BEGINNING CONSTRUCTION. LOCATION OF EXISTING UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CALL 811 TO CONTACT THE UTILITY NOTIFICATION CENTER OF COLORADO (UNCC).
- 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 ENGINEERING CRITERIA MANUAL, THE DRAINAGE CRITERIA MANUAL, AND THE DRAINAGE CRITERIA MANUAL VOLUME 2. ANY DEVIATIONS FROM REGULATIONS AND STANDARDS MUST BE REQUESTED, AND APPROVED, IN WRITING. ANY MODIFICATIONS NECESSARY TO MEET CRITERIA AFTER-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 PCD. CONTRACTOR SHALL NOTIFY THE DESIGN ENGINEER IMMEDIATELY UPON DISCOVERY OF ANY ERRORS OR INCONSISTENCIES.
- ALL STORM DRAIN PIPE SHALL BE CLASS III RCP 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 COUNTY DPW AND MUTCD CRITERIA. [IF APPLICABLE, ADDITIONAL SIGNING AND STRIPING NOTES WILL BE PROVIDED.]
- CONTRACTOR SHALL OBTAIN ANY PERMITS REQUIRED BY EL PASO COUNTY DPW, INCLUDING WORK WITHIN THE RIGHT-OF-WAY AND SPECIAL TRANSPORT PERMITS.
- THE LIMITS OF DISTURBANCE SHALL REMAIN WITHIN THE PROPERTY LINE UNLESS OTHERWISE NOTED. THE OWNER/DEVELOPER SHALL OBTAIN WRITTEN PERMISSION AND EASEMENTS, WHERE REQUIRED, FROM ADJOINING PROPERTY OWNER(S) PRIOR TO ANY OFF-SITE DISTURBANCE, GRADING, OR CONSTRUCTION.

### NOTES:

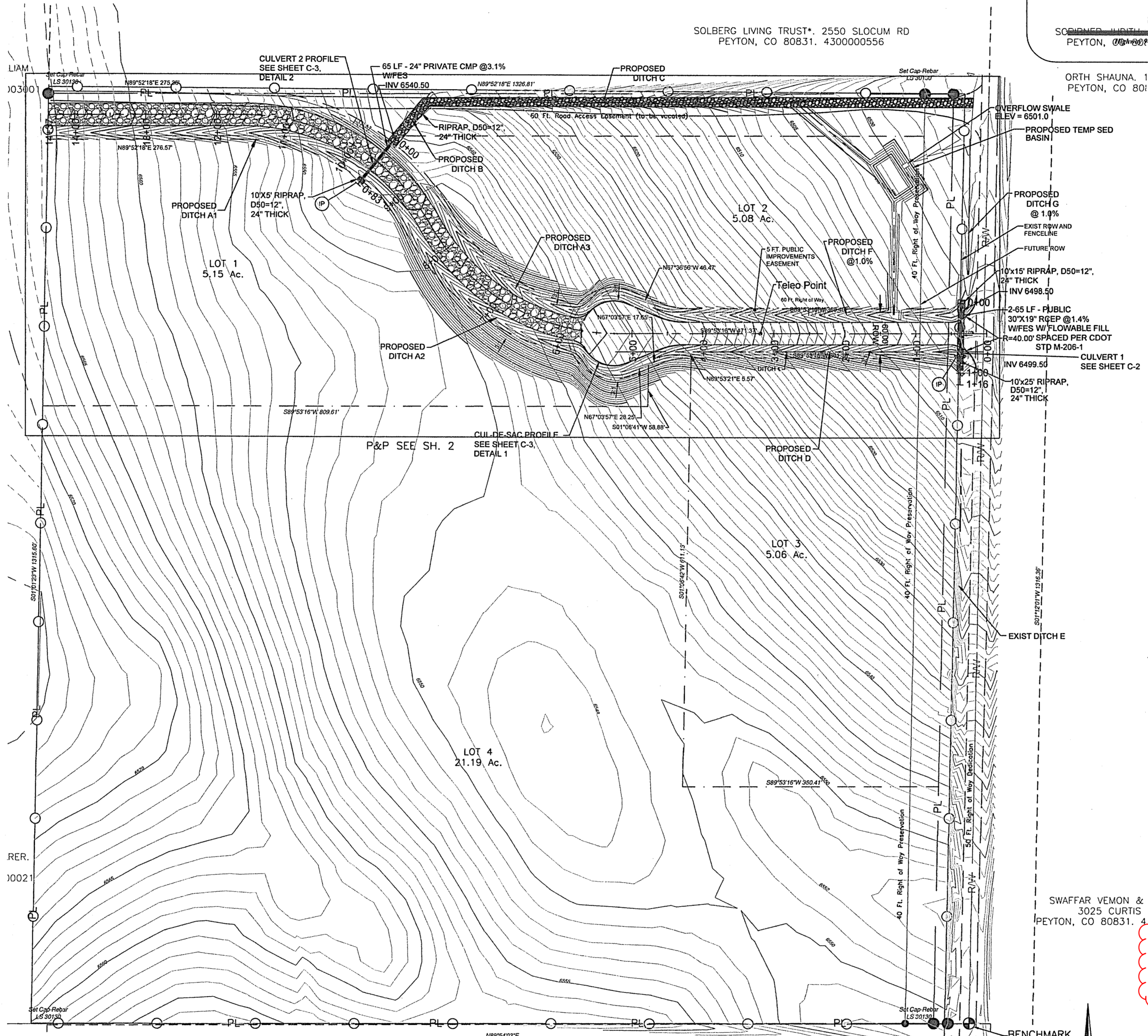
- CONTRACTOR SHALL VERIFY LOCATION OF UTILITIES PRIOR TO ANY CONSTRUCTION.
- CONTRACTOR SHALL NOTIFY EL PASO COUNTY PLANNING AND COMMUNITY DEVELOPMENT DEPARTMENT FOR A PRE-CONSTRUCTION CONFERENCE PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- CONTRACTOR SHALL OBTAIN NECESSARY CONSTRUCTION PERMITS PRIOR TO CONSTRUCTION.
- ALL ROAD AND DRAINAGE CONSTRUCTION SHALL CONFORM TO EL PASO COUNTY STANDARD SPECIFICATIONS.

### NOTE:

AT LEAST 10 DAYS PRIOR TO THE ANTICIPATED START OF CONSTRUCTION, FOR PROJECTS THAT WILL DISTURB ONE ACRE OR MORE, THE OWNER OR OPERATOR OF THE CONSTRUCTION ACTIVITY SHALL SUBMIT A PERMIT APPLICATION FOR STORMWATER DISCHARGE TO THE COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT, WATER QUALITY CONTROL DIVISION. THE APPLICATION CONTAINS CERTIFICATION OF COMPLETION OF A STORMWATER MANAGEMENT PLAN (SWMP), OF WHICH THIS GRADING AND EROSION CONTROL PLAN MAY BE A PART.

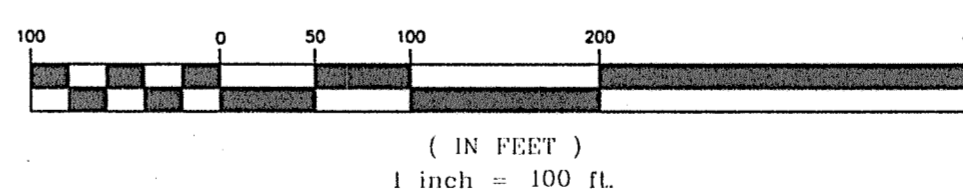
### NOTE:

ADDITIONAL BORINGS WILL BE NECESSARY PRIOR TO FOUNDATION EXCAVATION AND SUBSEQUENTLY RE-EVALUATION UPON COMPLETION OF THE FOUNDATION EXCAVATION AND PRIOR TO THE PLACEMENT OF ANY FRAMEWORK.

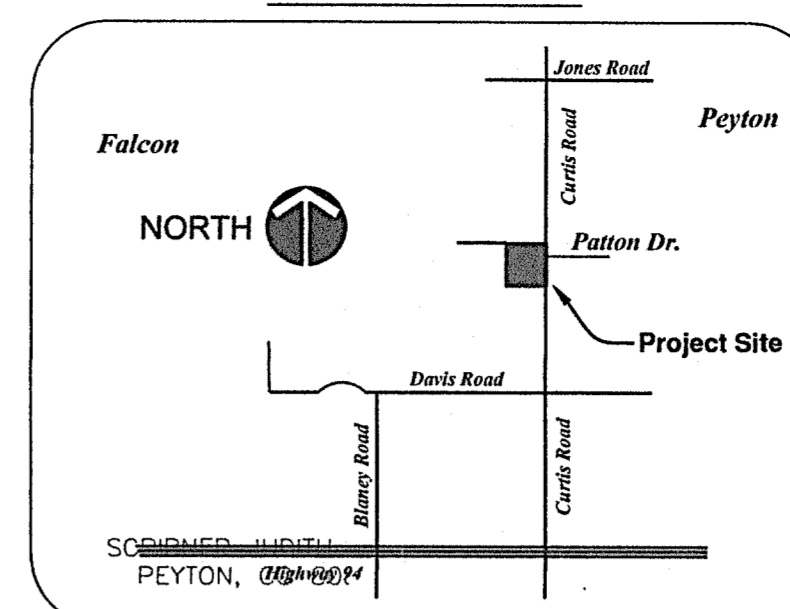


### SITE MAP

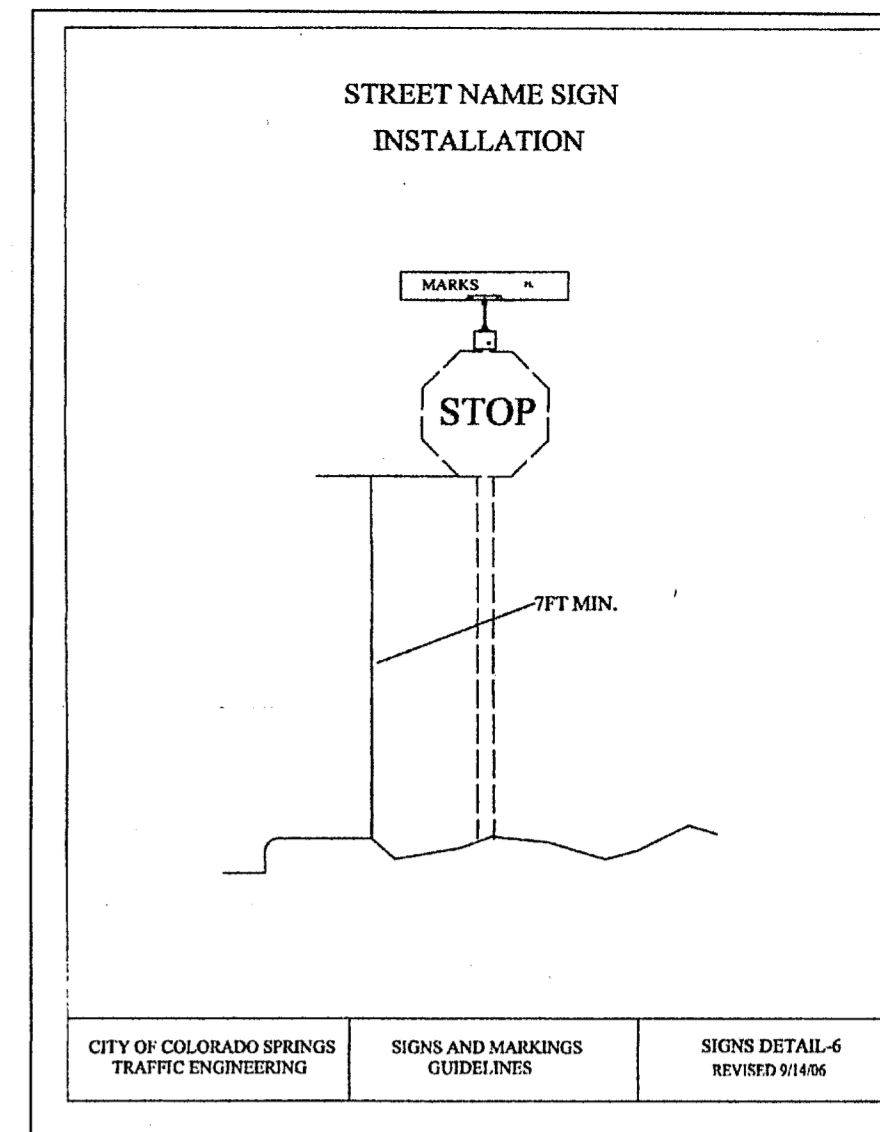
### GRAPHIC SCALE



### VICINITY MAP:



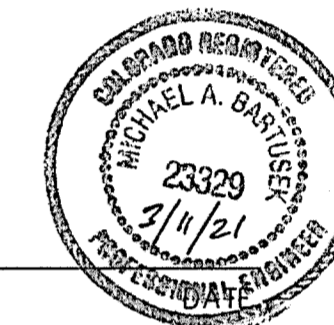
### STREET NAME SIGN INSTALLATION



### 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 DETAILED 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 THE DETAILED PLANS AND SPECIFICATIONS.

*Michael A. Bartusek*  
MICHAEL A. BARTUSEK, P.E. COLORADO NO. 23329



### OWNER/DEVELOPER STATEMENT

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

*Shawn Shaffer*  
WYOMING ESTATES SUBDIVISION  
SHAWN SHAFFER  
Title: OWNER  
Address: HOME RUN RESTORATIONS, INC  
5090 WILEY RD  
PEYTON, CO 80831

3-11-2021  
DATE

### COUNTY ENGINEER STATEMENT

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. FILLED 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 BY: *Joshua J. Palmer*  
BY: JOSHUA J. PALMER DATE: 03/31/2021  
JENNIFER IRVINE, P.E.  
COUNTY ENGINEER/ECM ADMINISTRATOR  
CONTACT LIST

APPROVED  
Engineering Department  
03/31/2021 2:39:39 PM  
JennIrvine  
EPC Planning & Community  
Development Department

SHAWN SHAFFER  
OWNER  
HOME RUN RESTORATIONS, INC  
5090 WILEY RD  
PEYTON, CO 80831

EL PASO COUNTY PCD ENGINEERING  
MANAGER  
EL PASO COUNTY  
MS. ELIZABETH NIJKAMP, P.E.  
2880 INTERNATIONAL CIR. #110  
COLORADO SPRINGS, CO 80910  
719-520-7852

DESIGN ENGINEER  
RESPEC  
MR. MIKE BARTUSEK, P.E.  
121 S. TEJON STREET SUITE 1110  
COLORADO SPRINGS, CO 80903  
719-283-7671

UTILITY - ELECTRIC  
MOUNTAIN VIEW ELECTRICAL ASSOC.  
11140 E Woodmen Rd, Peyton, CO 80831  
719-495-2283

IF CONSTRUCTION HAS NOT STARTED WITHIN 2 YEARS OF PLANS BEING SIGNED BY THE EL PASO COUNTY ENGINEER, THE PLANS WILL NEED TO BE RESUBMITTED FOR APPROVAL UNDER CURRENT CRITERIA.

DRAINAGE DESIGN CAN BE FOUND IN THE DRAINAGE, GRADING AND EROSION CONTROL PLAN SET.

### BENCHMARK:

ALUM CAP LS 23890 LOCATED 30' WEST OF EXISTING SOUTHEAST PROPERTY CORNER.  
ELEV = 6549.00'

THE BASIS OF BEARINGS FOR THIS PROJECT IS THE WEST LINE OF THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 6, T12S, R66W N00°15'58"W - 1324.20 FEET, THE BEARING IS A GRID BEARING OF THE COLORADO STATE PLANE CENTRAL ZONE NAD 83. THE LINE IS MONUMENTED BY 1934 GLO BRASS CAP ON THE NORTH END AND A 2" DIAMETER ALUMINUM CAP PLS 4842 ON THE SOUTH END.

PCD PROJECT NO. MS196

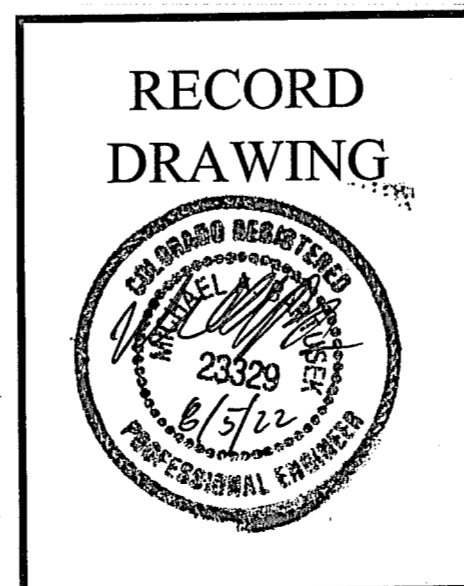
### AS-BUILT STAMP



### CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, MICHAEL A. BARTUSEK OF THE FIRM COMMUNITY DESIGN SOLUTIONS, LLC (CDS), A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF COLORADO, DO HEREBY CERTIFY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE INFRASTRUCTURE INSTALLED AS SHOWN ON THESE DRAWINGS WYOMING ESTATES HAS BEEN INSPECTED BY ME OR BY A QUALIFIED PERSON UNDER MY DIRECT SUPERVISION AND HAS BEEN CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS AND THAT THE ORIGINAL DESIGN INTENT OF THE APPROVED PLANS HAS BEEN MET, EXCEPT AS NOTED BY ME ON THE AS-BUILT CONSTRUCTION DRAWINGS. THIS CERTIFICATION IS BASED ON SITE INSPECTIONS BY ME OR PERSONNEL UNDER MY DIRECTION.

### RECORD DRAWING



### SHEET INDEX:

- ROADWAY COVER
- ROADWAY PLAN, PROFILE, DETAIL AND SECTION
- CULVERT PROFILES & ROADWAY DETAILS

DESIGNED	DRAWN	CHECKED	DATE
MAB	HJG	MAB	02/08/21

RESPEC (FORMERLY ADF)  
121 S. TEJON ST  
SUITE 1110  
COLORADO SPRINGS, CO 80918  
PHONE (719) 286-5212

### STAMP

CITY OF COLORADO SPRINGS  
TRAFFIC ENGINEERING

SIGNS AND MARKINGS  
CUTLINES

SIGNS DETAIL-6  
REVISED 8/16/06



Know what's below.  
Call before you dig.

PROJ NO. 03433  
DWG NM. 03433-GrdEros

HOME RUN RESTORATIONS, INC  
5090 WILEY RD  
PEYTON, CO 80831

PROJECT #: 0552601

WYOMING ESTATES  
SUBDIVISION  
EL PASO COUNTY, CO

ROADWAY COVER

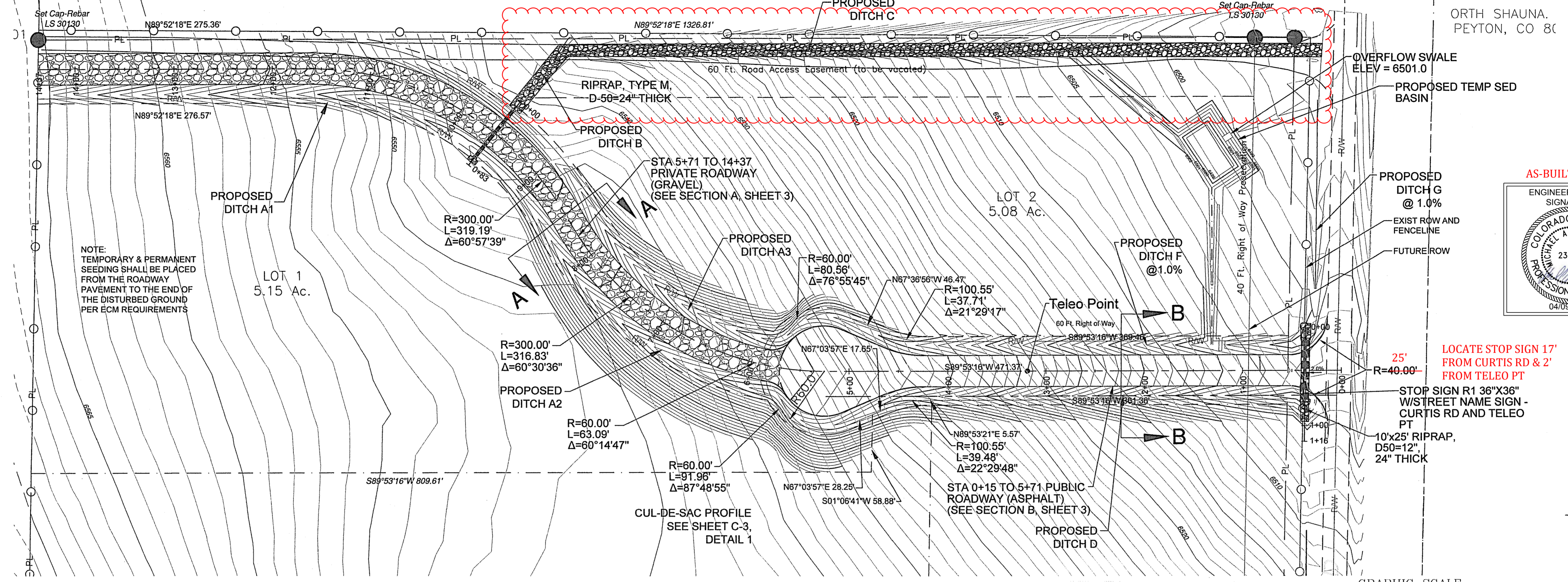
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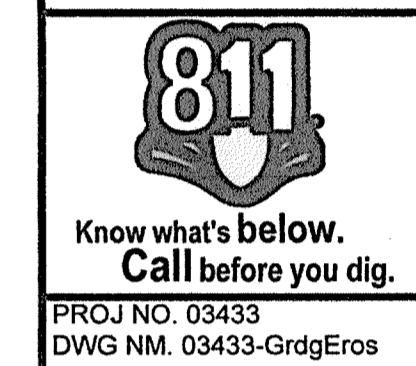
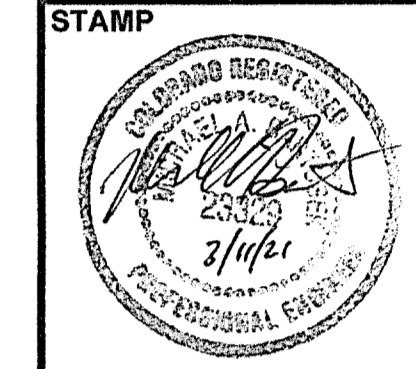
SHEET 1

# ROADWAY PLANS WYOMING ESTATES SUBDIVISION EL PASO COUNTY, CO

ROADWAY REMOVED AND RIP RAP  
DITCH CONSTRUCTED



DESIGNED	DRAWN	CHECKED	DATE
MAB	HUG	MAB	02/09/21



**HOME RUN RESTORATIONS, INC**  
5090 WILEY RD  
PEYTON, CO 80831

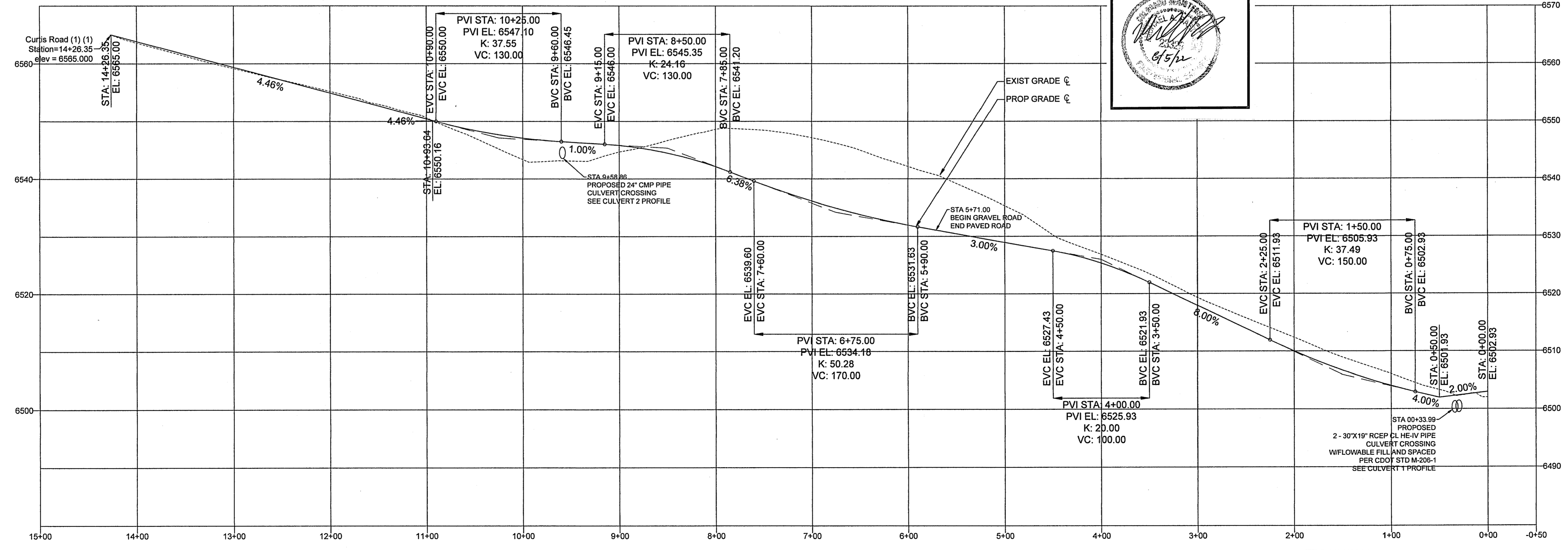
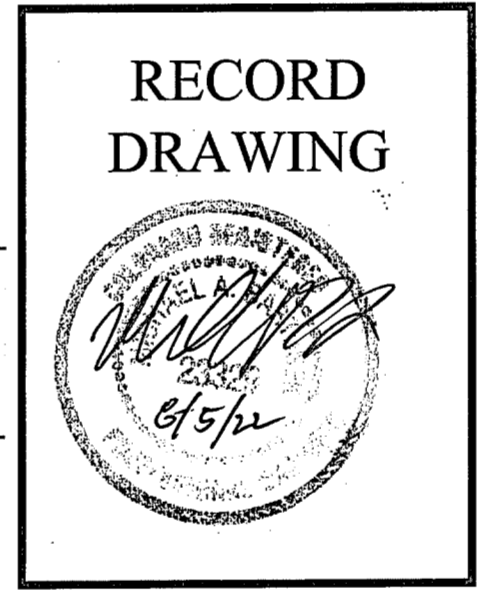
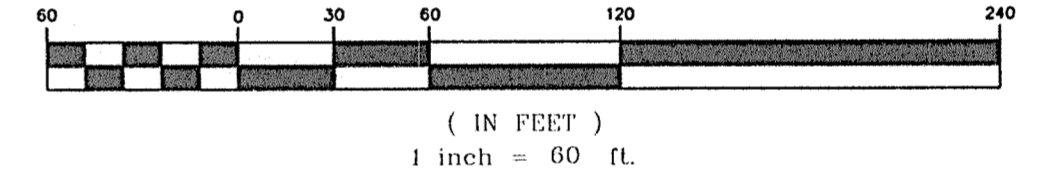
**WYOMING ESTATES SUBDIVISION**  
EL PASO COUNTY, CO

**ROADWAY PLAN, PROFILE, DETAIL AND SECTION**

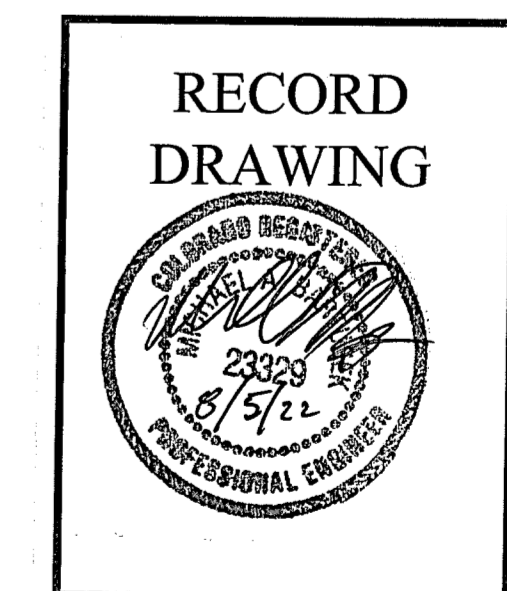
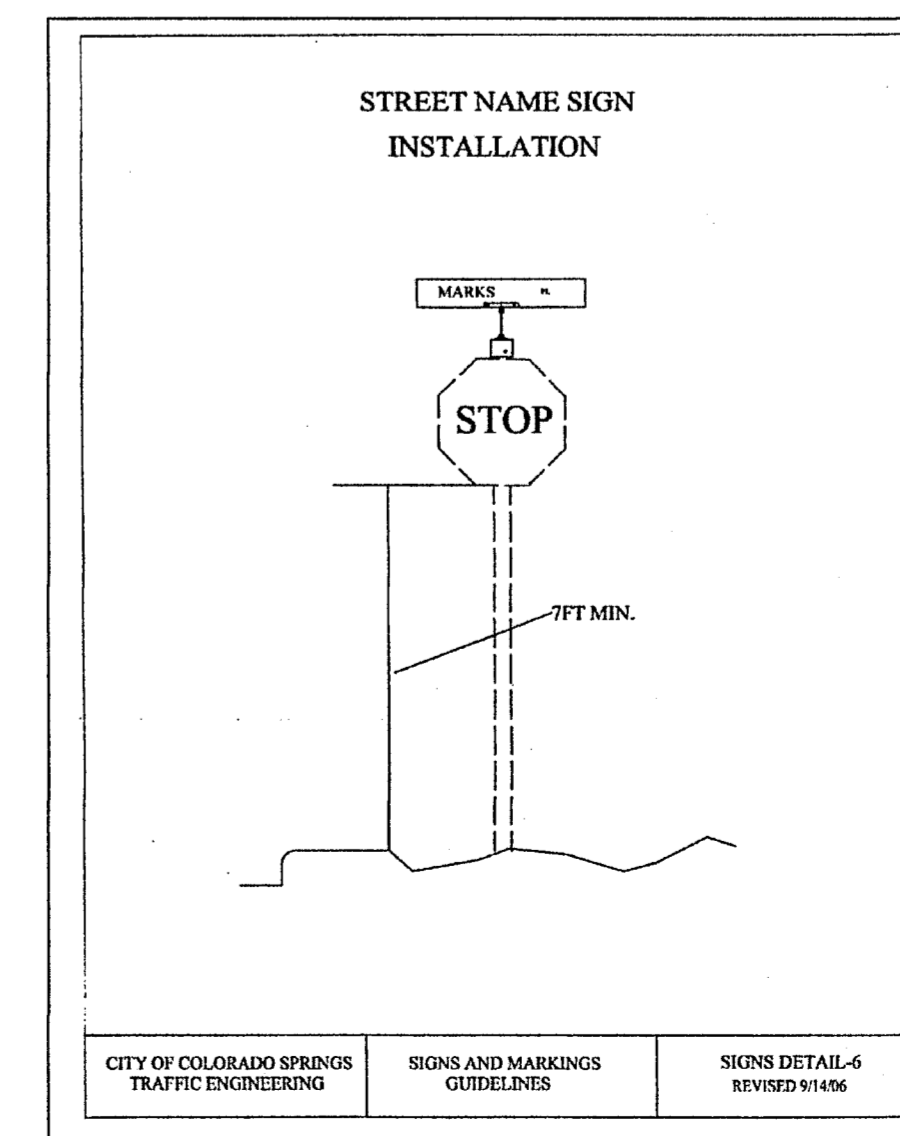
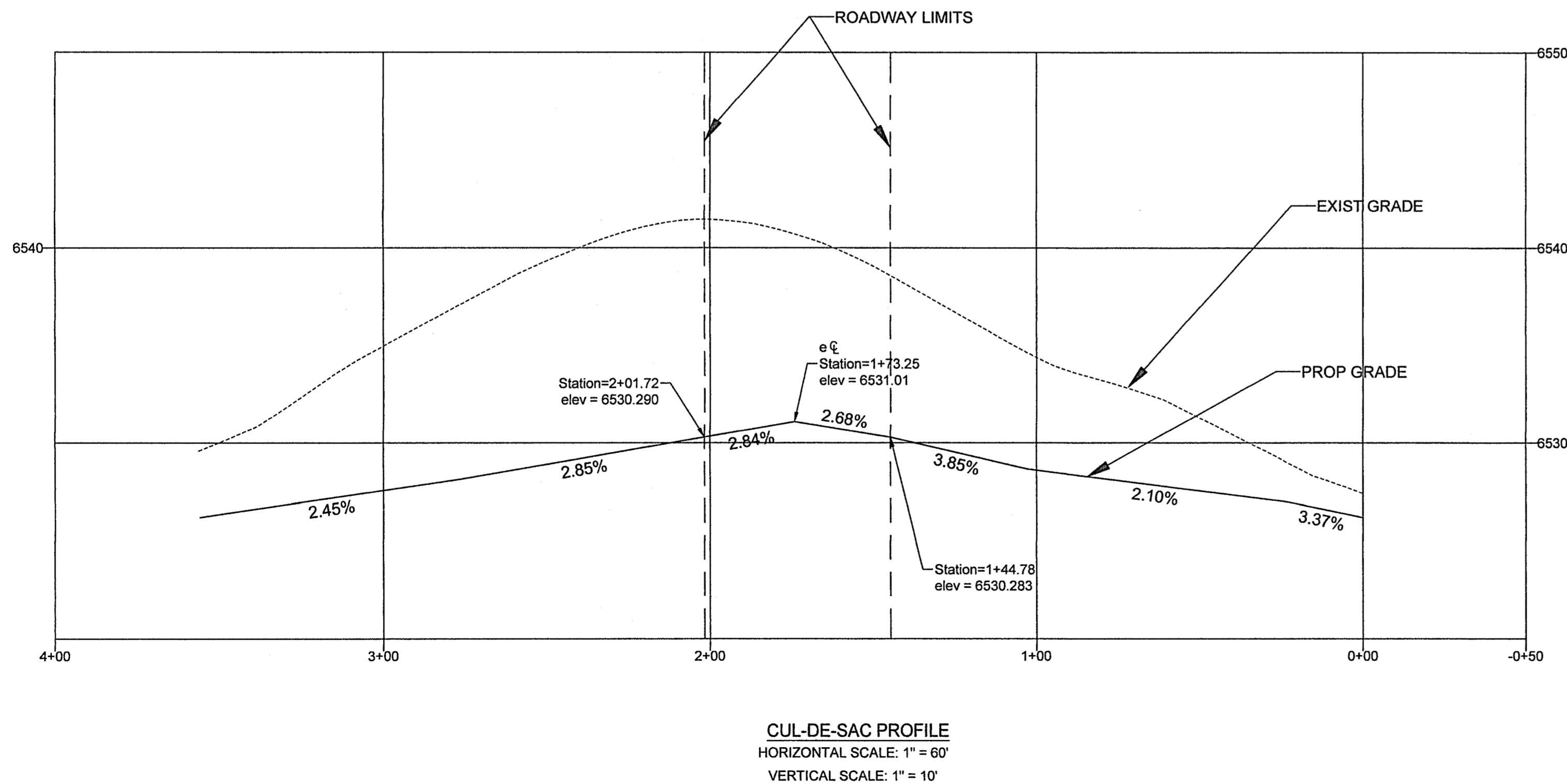
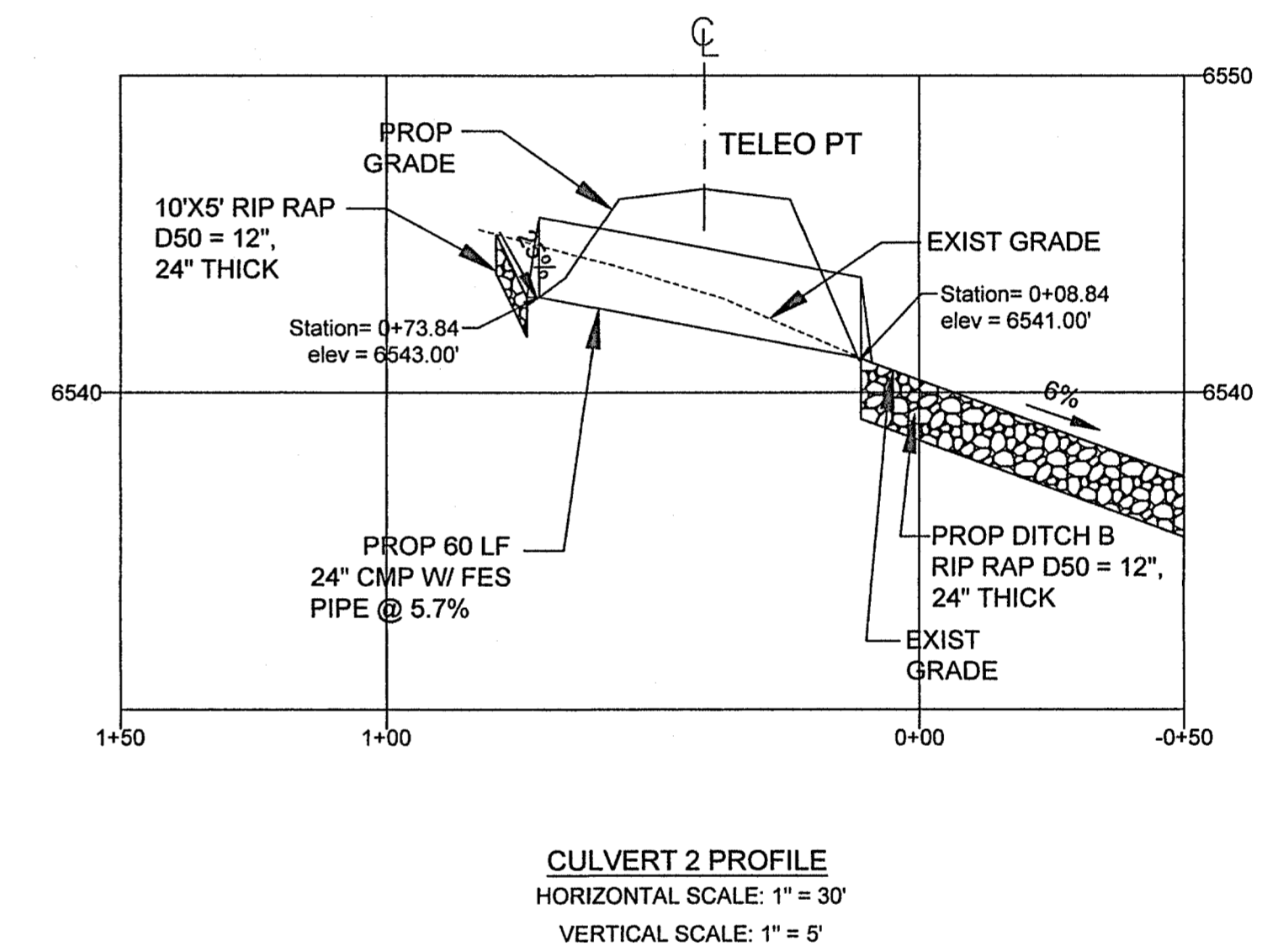
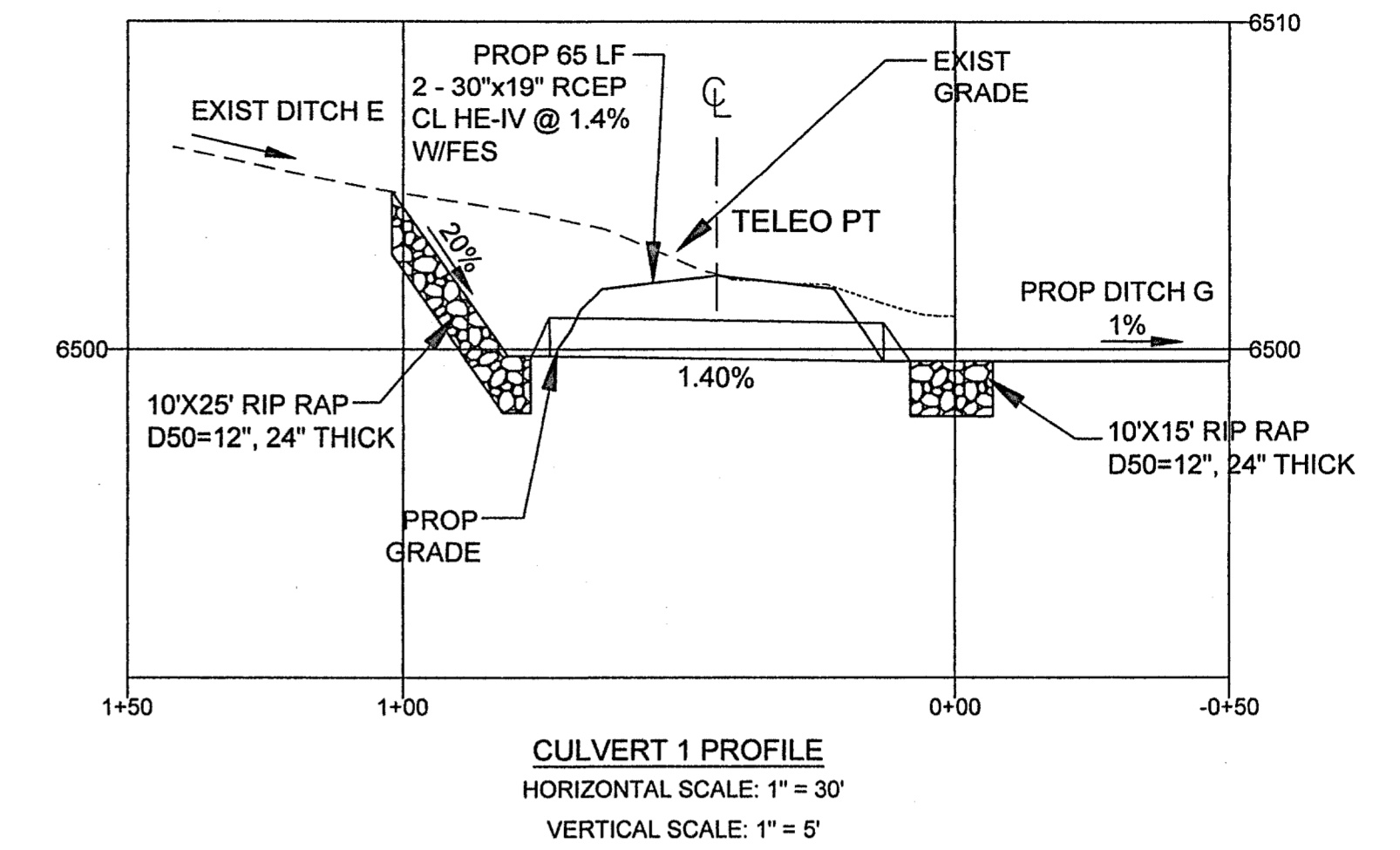
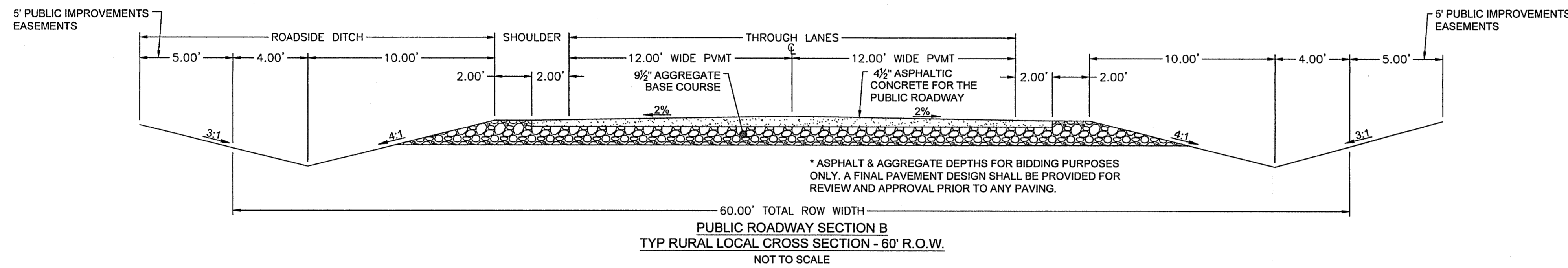
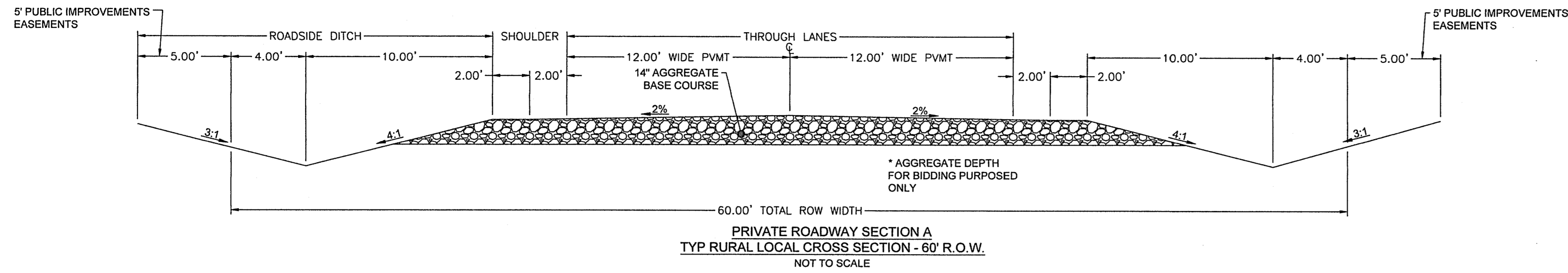
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**C**  
SHEET 2

**ROADWAY PLAN**  
SCALE: 1" = 60' - 0"

**GRAPHIC SCALE**



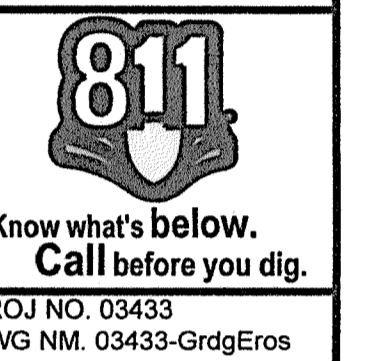
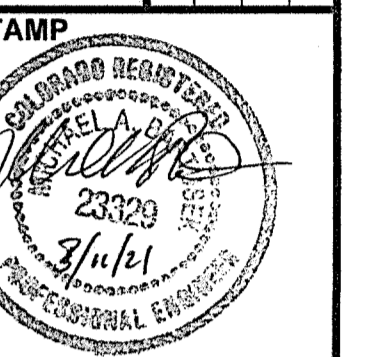
NAME: N:\PROJECTS\03433 - 3050 CURTIS ROAD\03433-GRADEROS.DWG  
PLOT DATE: March 10, 2021 9:07 AM, BY: MICHAEL (MIKE) BARTUSEK



EPC 3/31/2021

PCD PROJECT NO. MS196

REVISION	
DESIGNED	MAB
DRAWN	HJG
CHECKED	MAB
DATE	02/08/21



HOME RUN RESTORATIONS, INC  
5090 WILEY RD  
PEYTON, CO 80831

WYOMING ESTATES  
SUBDIVISION  
EL PASO COUNTY, CO

CULVERT PROFILES  
&  
ROADWAY DETAILS

DRAWING NUMBER:

C  
SHEET 3