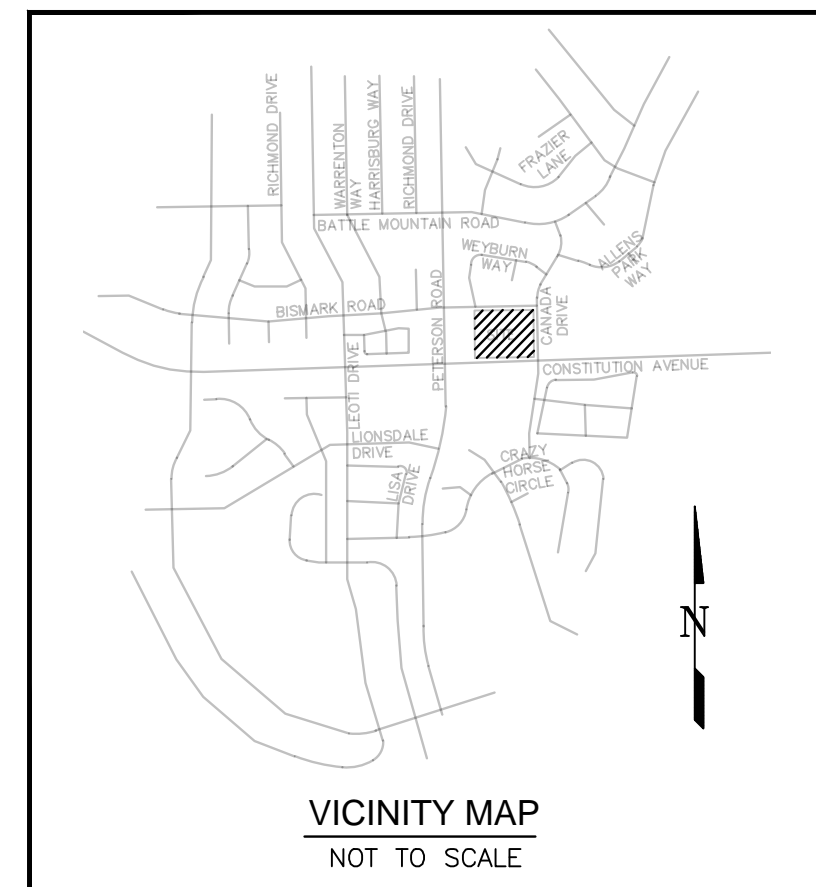


MY GARAGE @ NORTHCREST

COMMERCIAL CONSTRUCTION DRAWINGS

PREPARED FOR K&S DEVELOPMENT, LLC

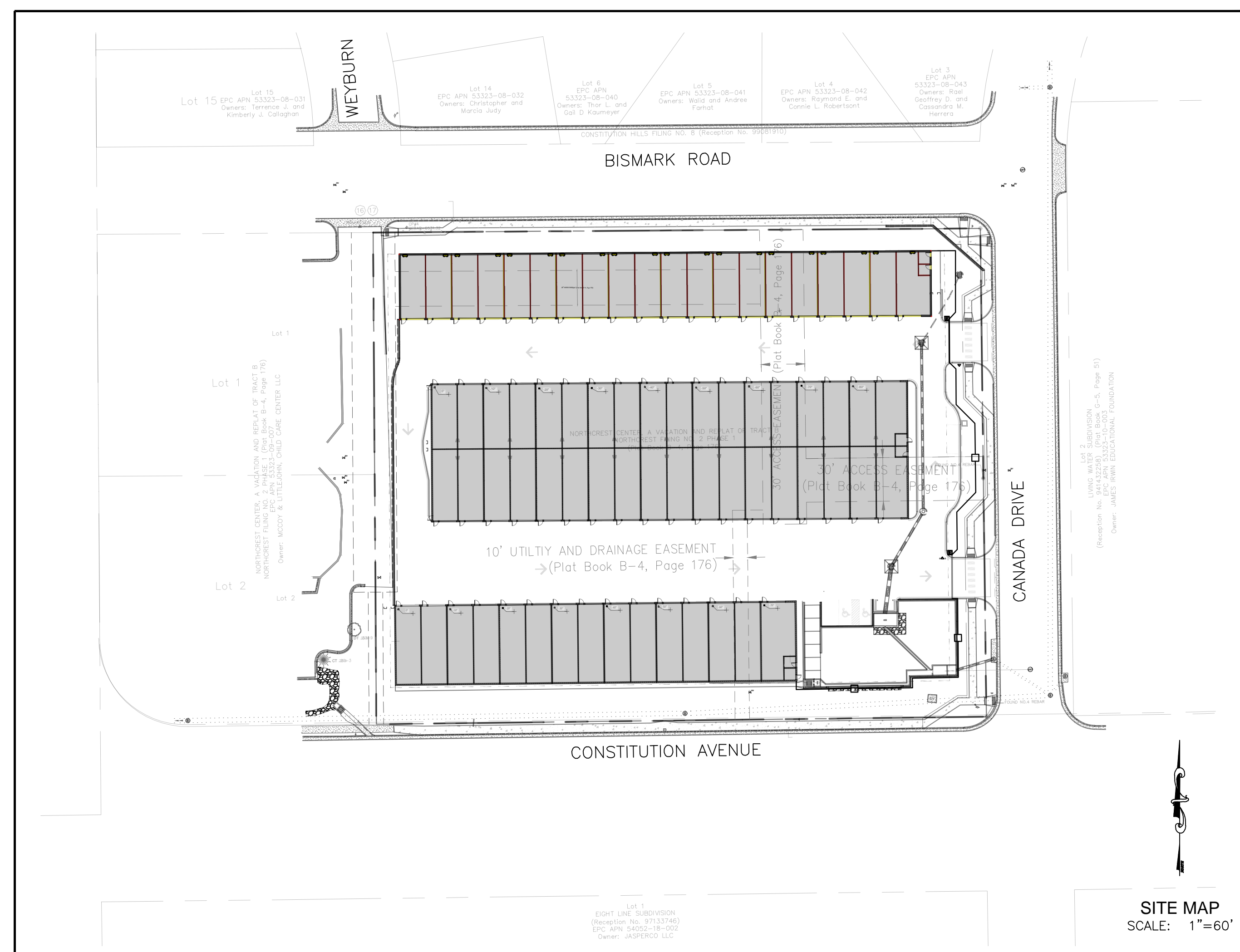
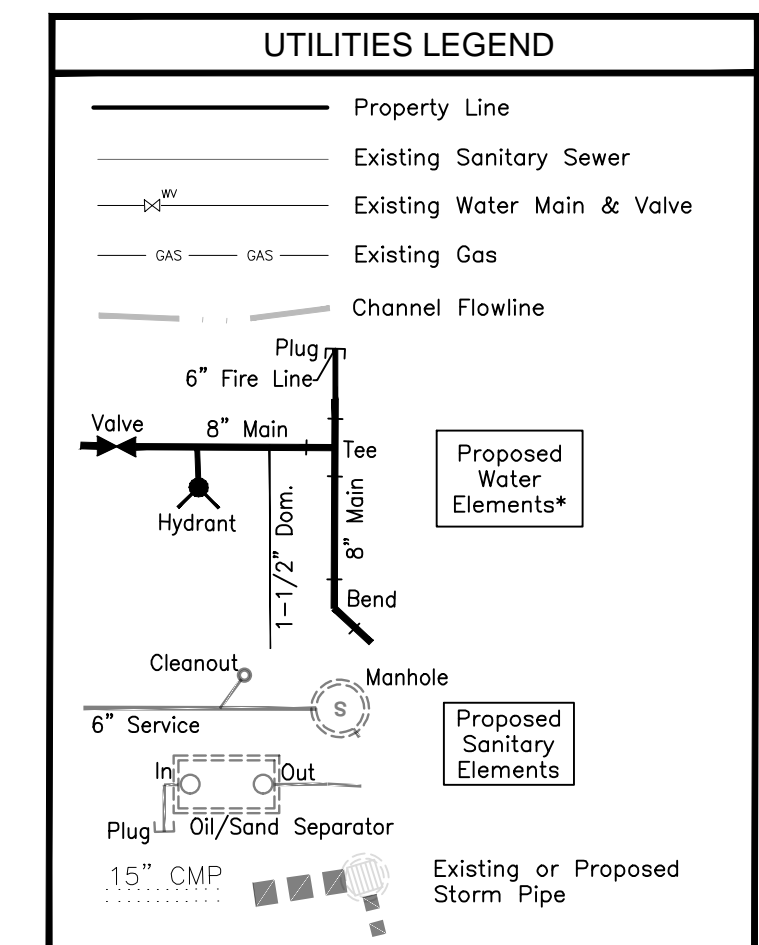
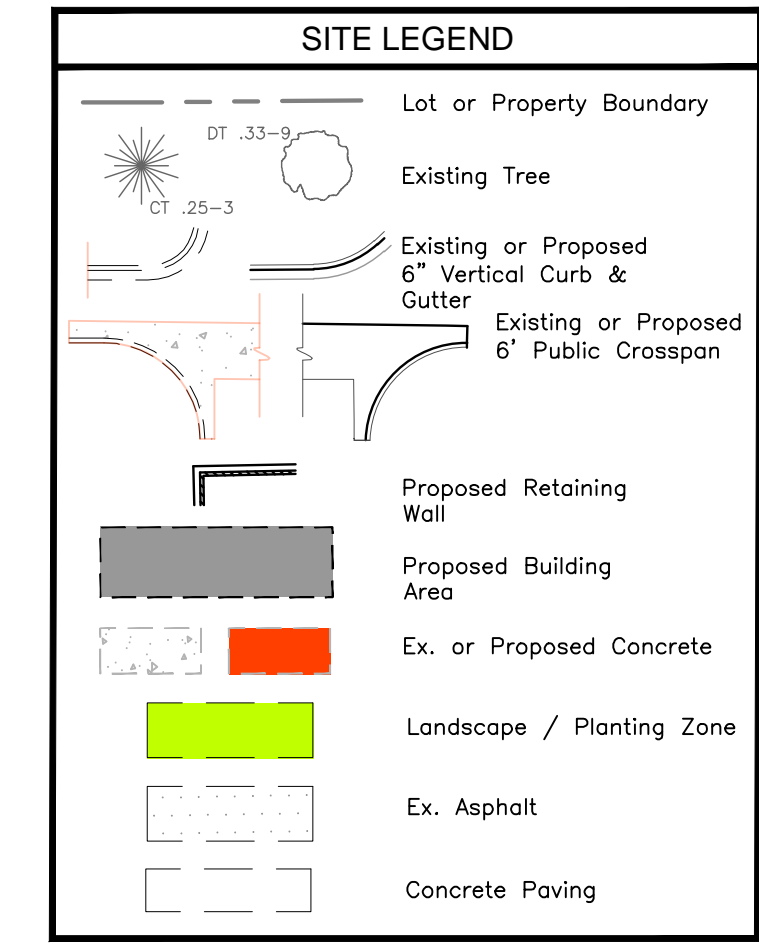
- STANDARD NOTES EL PASO COUNTY CONSTRUCTION PLANS
- All drainage and roadway construction shall meet the standards and specifications of the City of Colorado Springs/El Paso County Drainage Criteria Manual, Volumes 1 and 2, and the El Paso County Engineering Criteria Manual.
 - Contractor shall be responsible 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-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 (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 public 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.
 - Signaling and striping shall comply with El Paso County DOT and MUTCD criteria. [If applicable, additional signaling and striping notes will be provided.]
 - Contractor shall obtain any permits required by El Paso County DOT, 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.



INDEX OF SHEETS

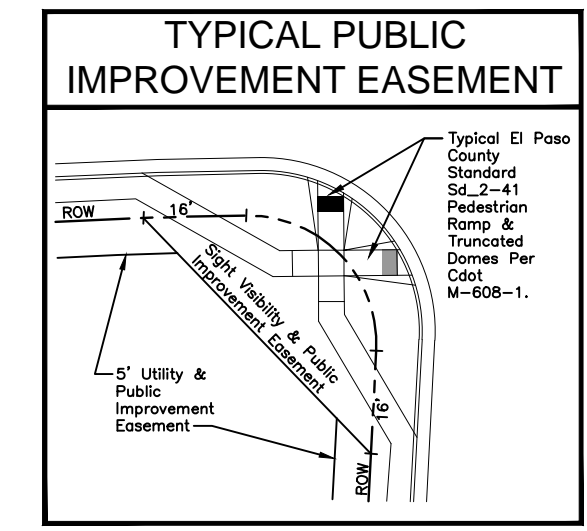
My Garage @ Northcrest

C100	Cover Sheet
C300	Grading and Erosion Control Cover Sheet
C301	Grading and Erosion Control Initial Conditions
C302	Grading and Erosion Control Interim Conditions
C303	Grading and Erosion Control Final Conditions
C304	Grading and Erosion Control Details
C305	Grading and Erosion Control Details
C306	Grading and Erosion Control Details
C307	Grading Area Plan Grading Area Detail 'A' thru 'D'
C308	Grading Area Plan Grading Area Detail 'A'
C309	Grading Area Plan Grading Area Detail 'B'
C310	Grading Area Plan Grading Area Detail 'C'
C311	Grading Area Plan Grading Area Detail 'D'
C400	Utility Plan - Cover Sheet
C401	Utility Plan - Water and Sanitary Sewer
C402	Utility Plan - Water Main 'A'
C403	Utility Plan - Sanitary Sewer 'A' thru 'C'
C601	Site Detail Plan - Site Details
C602	Site Detail Plan - Site Details
C603	Stormwater Plan - Detention Facility
C604	Stormwater Plan - Details



ABBREVIATIONS

ASSY	= Assembly	NTS	= Not To Scale
BNDF	= Boundary	OD	= Outside Diameter
BOP	= Bottom Of Pipe	PC	= Point Of Horizontal Curvature
CL	= Centerline	PP	= Proposed
CRA	= Concrete Reverse Anchor	PT	= Point Of Horizontal Tangency
CTRB	= Concrete Thru Block	PVC	= Poly Vinyl Chloride Pipe
CR	= Point Of Curb Return	PVC	= Point Of Vertical Curvature
DIP	= Ductile Iron Pipe	PVI	= Point Of Vertical Intersection
EL	= Elevation	PVT	= Point Of Vertical Tangency
ESMT	= Easement	RCB	= Reinforced Concrete Box
EX	= Existing	RCP	= Reinforced Concrete Pipe
FC	= Face Of Curb	ROW	= Right Of Way
FES	= Flared End Section	RT	= Right
FLG	= Flange	SHT	= Sheet
FL	= Flowline	SS	= Sanitary Sewer
GB	= Grade Break	STA	= Station
HP	= High Point	STD	= Standard
HORIZ	= Horizontal	TA	= Top Of Asphalt
HYD	= Hydrant	TC	= Top Of Curb
I.D.	= Inside Diameter	TGP	= Top Of Pipe
LT	= Left	TYC	= Typical
LF	= Linear Feet	VC	= Vertical Curve
LP	= Low Point	VERT	= Vertical
MAX	= Maximum		
MH	= Manhole		



STATEMENTS

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. 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 of any part in preparation of these detailed plans and specifications.

Andrew W. McColl, P.E. #25057 Date: 8/2/24
 For and on behalf of: [Signature] PROFESSIONAL ENGINEER

Owner/Developer's Statement:

I, the owner/developer have read and will comply with all of the requirements of the grading and erosion control plan and all the requirements specified in these detailed plans and specifications.

[Signature] Sean Edwards, President Date: 8/2/24
 Sean Edwards, President
 Leisure Construction, LLC
 3442 Tampa Road, Suite B
 Palm Harbor, FL 34684

El Paso County:

County plan review is provided only for general conformance with County Design Criteria. The County is not responsible for the accuracy and adequacy of the design, dimensions, and/or elevations which shall be confirmed at the job site. The County through the approval of this document assumes no responsibility for completeness and/or accuracy of this document.

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

In accordance with ECM Section 1.12, these construction documents will be valid for construction for a period of 2 years from the date signed by the El Paso County Engineer. If construction has not started within those 2 years, the plans will need to be resubmitted for approval, including payment of review fees at the Planning and Community Development Directors discretion.

Josh Palmer, P.E. Date: _____
 County Engineer / ECM Administrator

UTILITY APPROVALS

WATER AND SEWER MAIN EXTENSIONS

Any changes or alterations affecting the grade, alignment, elevation and/or depth of cover of any water or sewer mains or other appurtenance shown on this drawing shall be the responsibility of the Owner/Developer. The Owner/Developer shall be responsible for all operational damages and defects in installation and material for mains and services from the date of approval until final acceptance is issued.

Signed: _____ Date: _____
 Cimarron Hills Fire Department

Print Name: _____

DBA: LEISURE CONSTRUCTION

Address: LEISURE CONSTRUCTION, LLC
 3442 Tampa Road, Suite B
 Palm Harbor, FL 34684
 Ph: (727) 242-5121

FIRE AUTHORITY APPROVAL

The number of fire hydrants and hydrant locations shown on this water installation plan are correct and adequate to satisfy the fire protection requirements as specified by the Fire District serving the property noted on the plans.

Cimarron Hills Fire Department

Signed: _____ Date: _____

DISTRICT APPROVALS

The Cheyenne Metro District recognizes the design engineer as having responsibility for the design. The Cheyenne Metro District has limited its scope of review accordingly.

CHEROKEE WATER AND SANITATION METRO DISTRICT
 WASTEWATER DESIGN APPROVAL
 Date: _____ By: _____

In case of errors or omissions with the sewer design as shown on this document the standards as defined in the "Rules and Regulations for Installation of Sewer Mains and Services" shall rule. Approval expires 180 days from Design Approval.

CHEROKEE WATER AND SANITATION METRO DISTRICT
 WATER DESIGN APPROVAL
 Date: _____ By: _____

In case of errors or omissions with the sewer design as shown on this document the standards as defined in the "Rules and Regulations for Installation of Sewer Mains and Services" shall rule. Approval expires 180 days from Design Approval.

GOVERNING AGENCIES

El Paso County Planning & Community Development Department 2880 International Circle Suite 110 Colorado Springs Colorado (719) 520-6300	Black Hills Energy 18965 Bas Camp Road Unit A7 Monument, Colorado (719) 359-0586
Cherokee Metro District 6250 Palmer Park Blvd. Colorado Springs, Colorado (719) 597-5080	Mountain View Electric Association 11140 East Woodmen Road Falcon, Colorado (719) 495-2283

DEVELOPER:
 LEISURE CONSTRUCTION, LLC
 3442 Tampa Road, Suite B
 Palm Harbor, FL 34684
 (727) 242-5121

PREPARED BY:

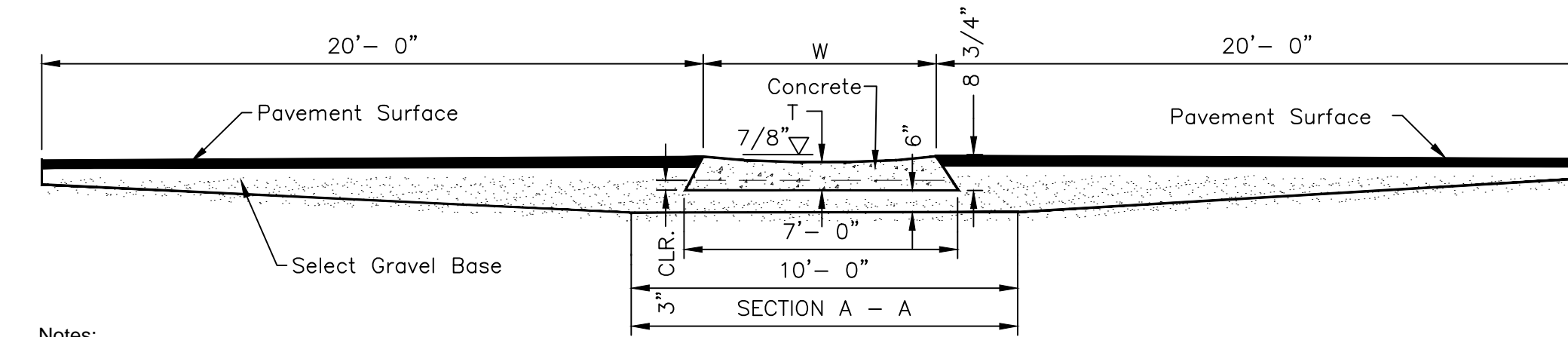
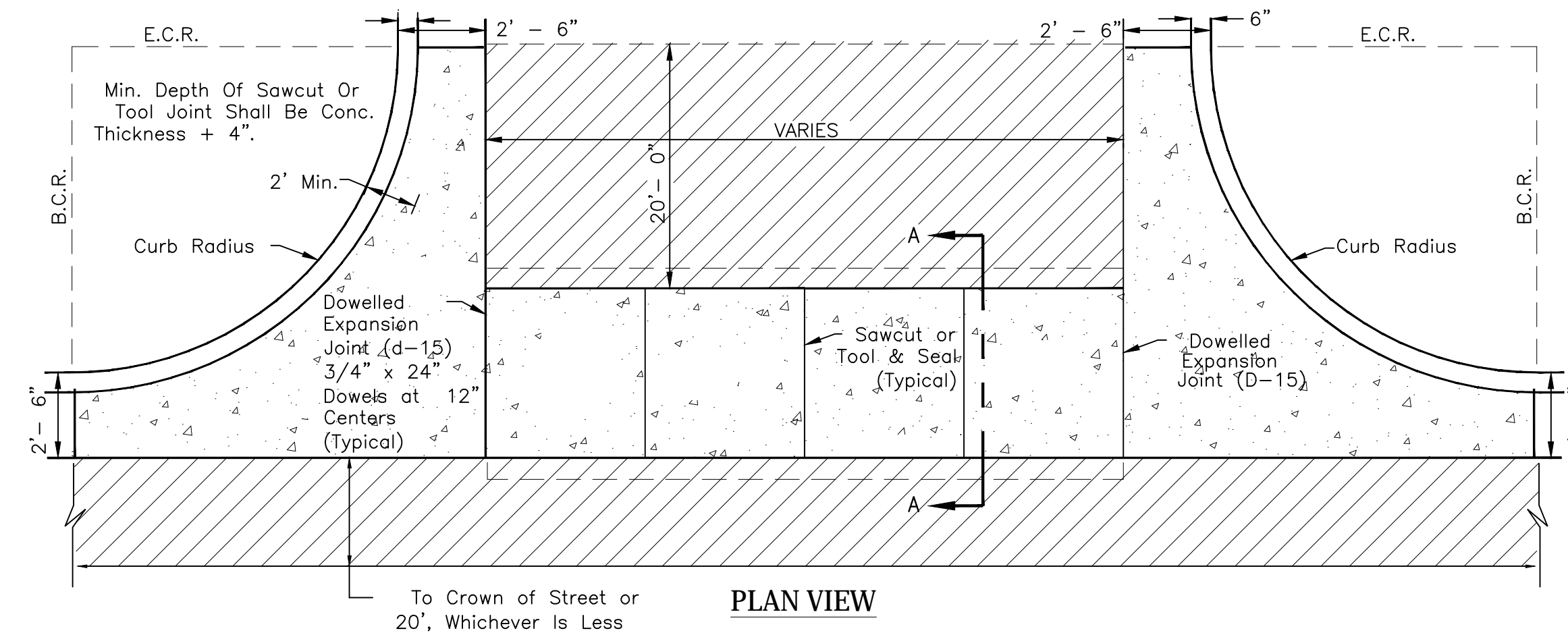
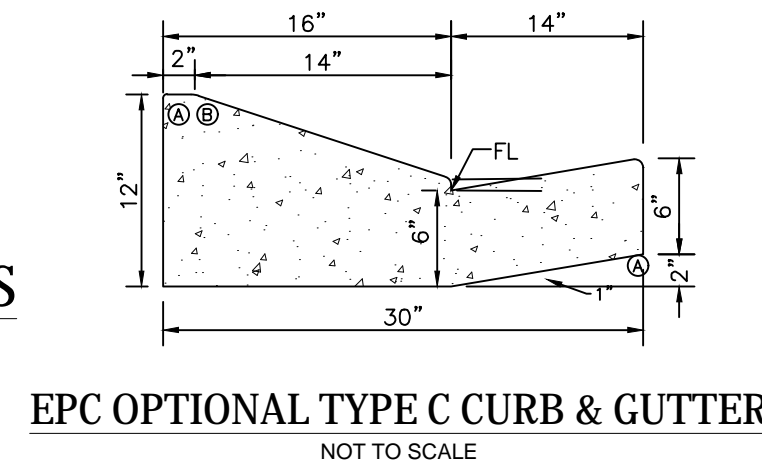
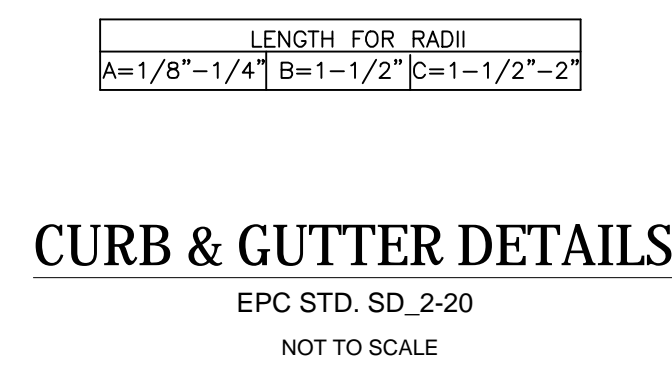
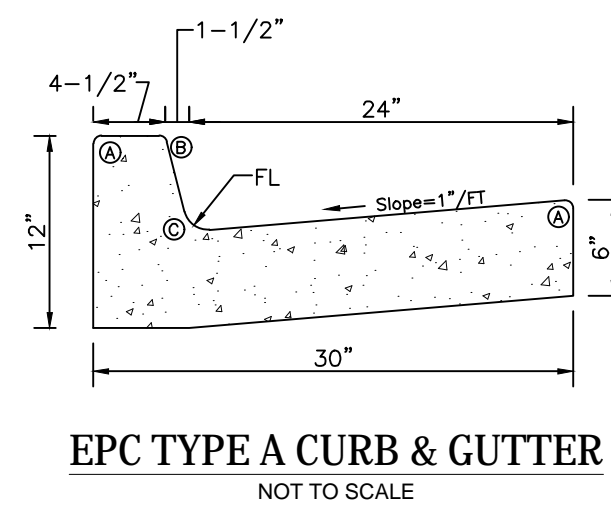
811
 Know what's below.
 Call before you dig.

Kiowa
 Engineering Corporation
 1604 South 21st Street
 Colorado Springs, Colorado 80904
 (719) 630-7342
 PCD File No. SF-22-024

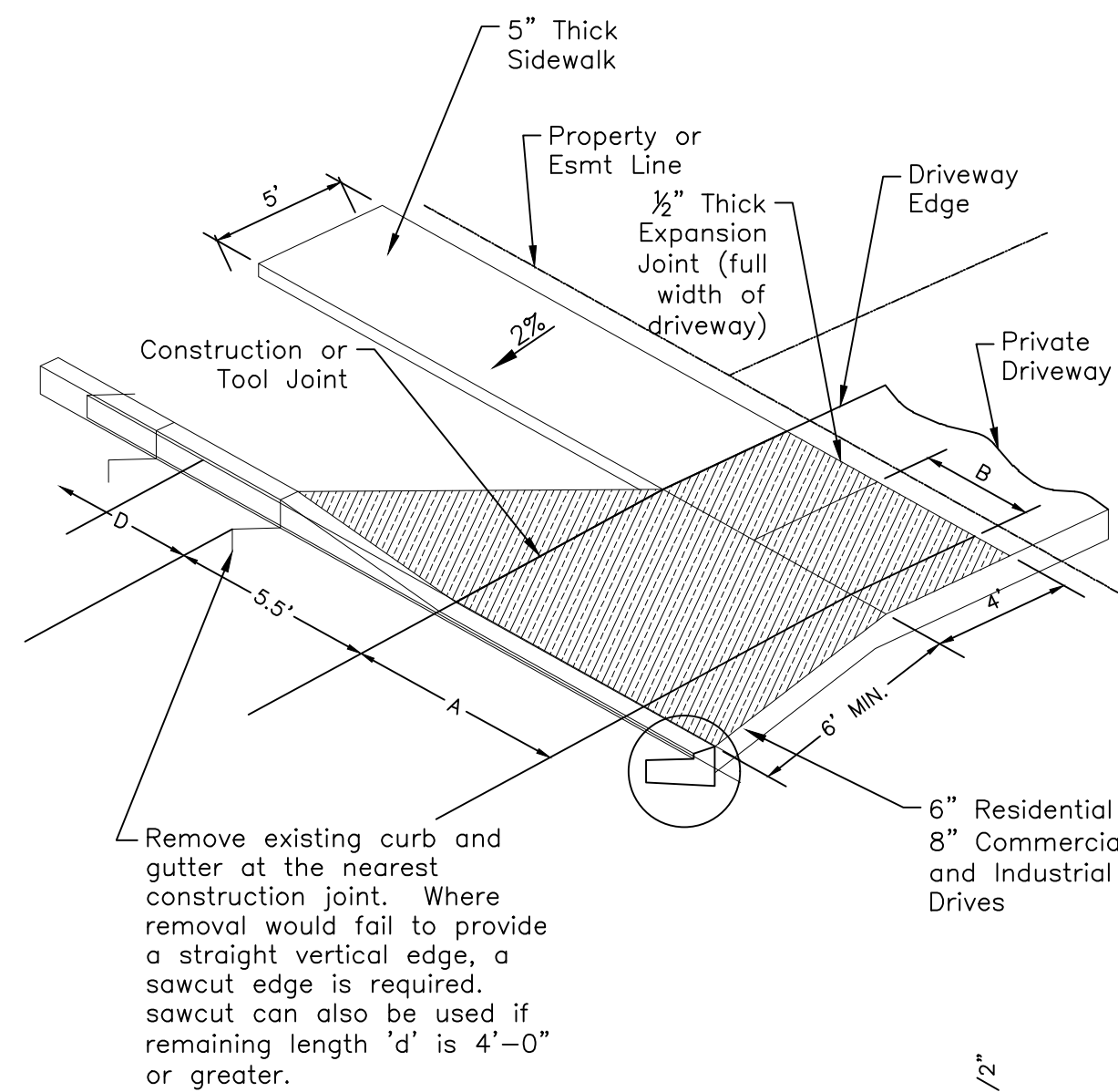
Kiowa Project No. 23049
 August 2nd, 2024

GENERAL NOTES

- All work shall be done in accordance with current Engineering Manual and ADA requirements.
- Contractor to notify Engineering Division inspection staff 48 hours prior to concrete placement.
- Pedestrian ramp construction shall be a minimum 4,500 psi concrete, minimum 4" thick, non-colored, non-scored, coarse broom finish.
- Ramp location and length may require modification to maintain the 12:1 maximum running ramp slope and 20:1 detectable warning area due to street intersection grades and / or alignment.
- Detectable warning area shall start a minimum of 6" but not more than 8" from the flow line of the curb at any point.
- Detectable warning area shall be prefabricated reddish integrally colored truncated-dome surfaced thermoplastic.
- The detectable warning area shall be 24" in length and the full width of the ramp.
- Ramp width required is the same as approaching sidewalk, 4' minimum.
- all ramps will be perpendicular to traffic with the exception of mid-block or terminal ramps which may be parallel subject to approval.
- Avoid palcing drainage structures, traffic signal / signage, utilities / junction boxes, or other obstructions within proposed ramp areas.
- Where the 1'-6" flared side(s) of a perpendicular curb ramp is (are) contiguous with a pedestrian or hard surface area, the flare width shall be increased to 8" minimum and the maximum flare slope shall not exceed 10:1.
- Pedestrian walkway and / or location of existing or future pedestrian ramps on opposite corners shall be reviewed before construction new ramps. New ramps shall align with existing ramps and pedestrian walkway.
- At marked pedestrian crossings, the bottom of the ramps, exclusive of the flare sides, shall be totally contained within the markings.
- Sidewalk cross-slope: 1/4"/ft.
- Concrete mix design shall conform to the requirements of the color admixture manufacturer and the following:
 - 28-day compressive strength = 4,500 PSI (min.)
 - Water/cement ratio = 0.45 (max.)
 - Cement content = 6-1/2 sacks/C.Y. (min.) (Type II cement)
 - Maximum aggregate size = 3/4"
 - Entrained air content = 6% - 10%
 - Slump = 1 inch (min.) - 4 inches (max.)



- Notes:**
- W - Width shall be 6' for local, 8' for collectors, And 10' for Arterial Roads.
 - T - Squared-off Return to be poured Monolithic 8" P.C.C. Minimum with 6x6 - 4.4 W.W.F. Or #4 @ 18" E.W.
 - = 3" minimum asphalt depth (2 lifts).
 - Design to specify elevations at pi and pcr
 - Flow Capture Depth (Depression) shall be 7/8" for Local, 1-1/8" for Collectors, And 1-1/2" for arterial roads.
 - Flowline Grade shall be minimum 0.5%
- CROSS PAN DETAIL**
EPC STD. SD. 2-26
NOT TO SCALE

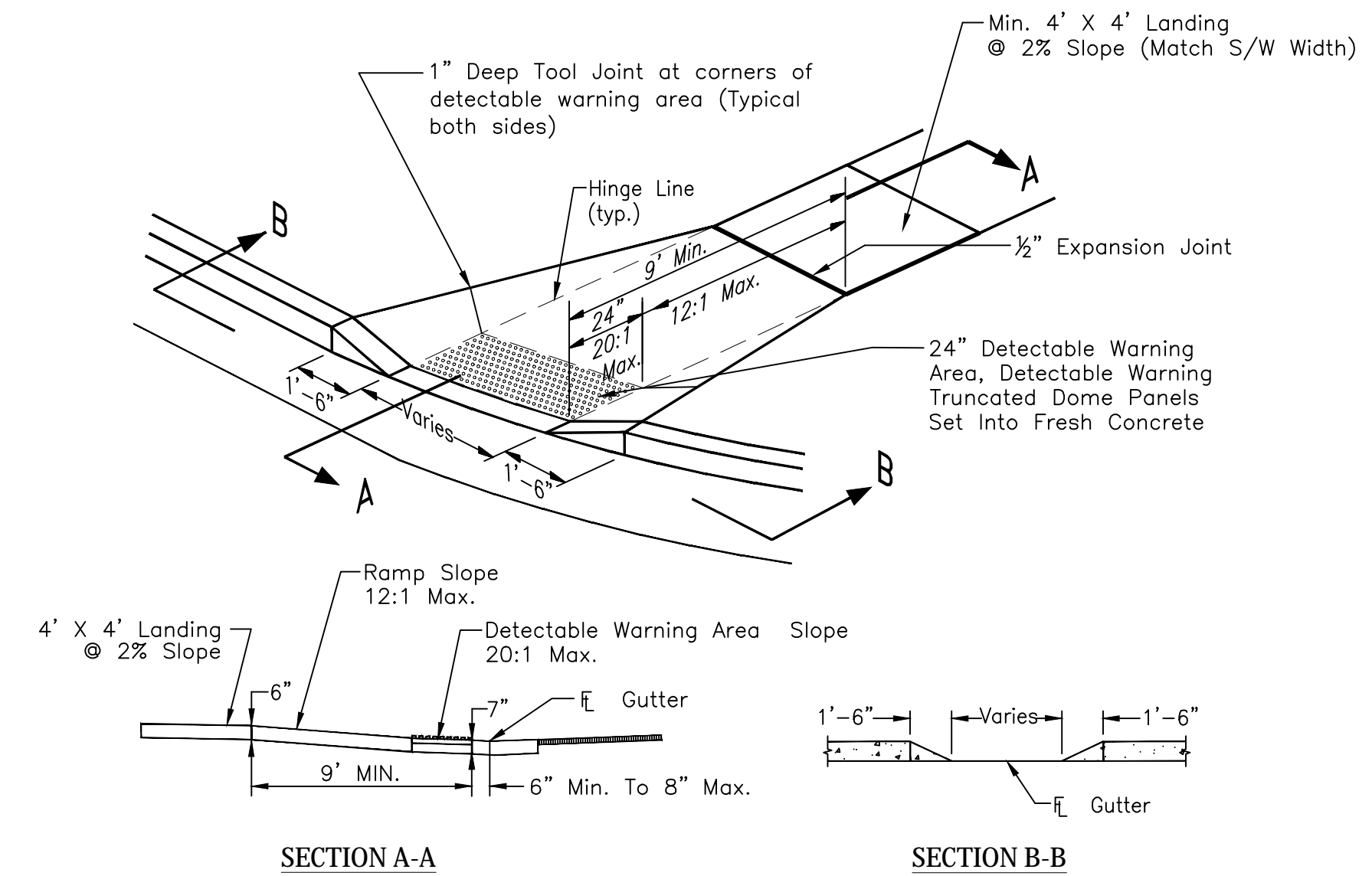


DRIVEWAY WIDTH	A	B
12'	6'	3'
14'	7'	3'-6"
16'	8'	4'
18'	9'	4'-6"
20'	10'	5'
22'	11'	5'-6"
24'	8'	4'
26'	8'-8"	4'-4"
28'	9'-4"	4'-8"
30'	10'	5'

- Notes:**
- Provide Centerline Construction or tool joint when driveway width (edge to edge) is 14' or greater.
 - All Tool Joints shall be a minimum of 1-1/2" deep.
 - When replacing existing curb and gutter with new driveway, entire curb and gutter section shall be removed and replaced with curb and gutter (variable-curb-height) as shown. Do not break curb from gutter section.
 - Flared portion of driveway shall be poured monolithic with main rectangular portion of driveway.
 - Where there is more than one driveway on a lot, the spacing of the driveways shall meet requirements in ECM.
 - Where an existing sidewalk is in place, and its thickness is less than 6" (residential) or 8" (commercial and industrial) the sidewalk through the driveway shall be removed and replaced with Portland Cement Concrete at the required thickness.
 - When a driveway is to be taken out of service, the entire length of curb and gutter shall be removed and replaced with new curb and gutter matching the abutting sections.
 - All Provisions in the Land Development Code shall be met, with regard to minimum setback from intersection and side property lines, minimum spacing, maximum width, etc.

GENERAL NOTES:

- Expansion Joints shall be installed when abutting existing concrete or fixed structure. Expansion Joint Material shall be 1/2" thick and shall extend the full depth of contact surface.
- Concrete Shall be per El Paso County Engineering Division Specifications.



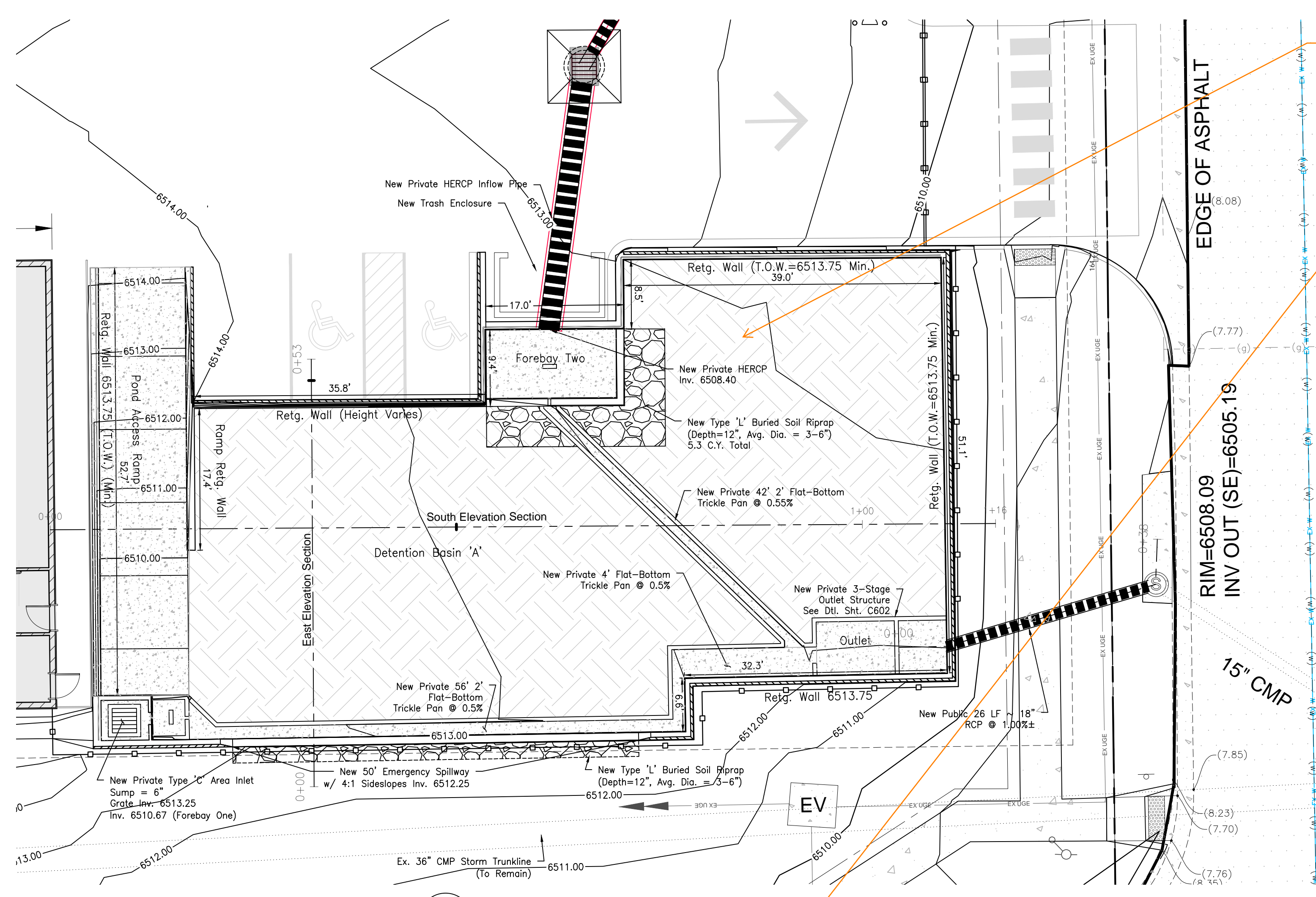
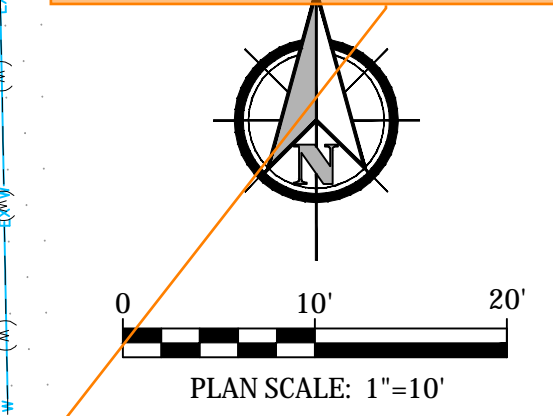
My Garage @ Northcrest
Site Detail Plan
Site Details
El Paso County, Colorado

Project No.: 23049
Date: 06/14/2024
Design: MKJ
Drawn: MKJ
Check: AMcC
Revisions:

Sheet
C601

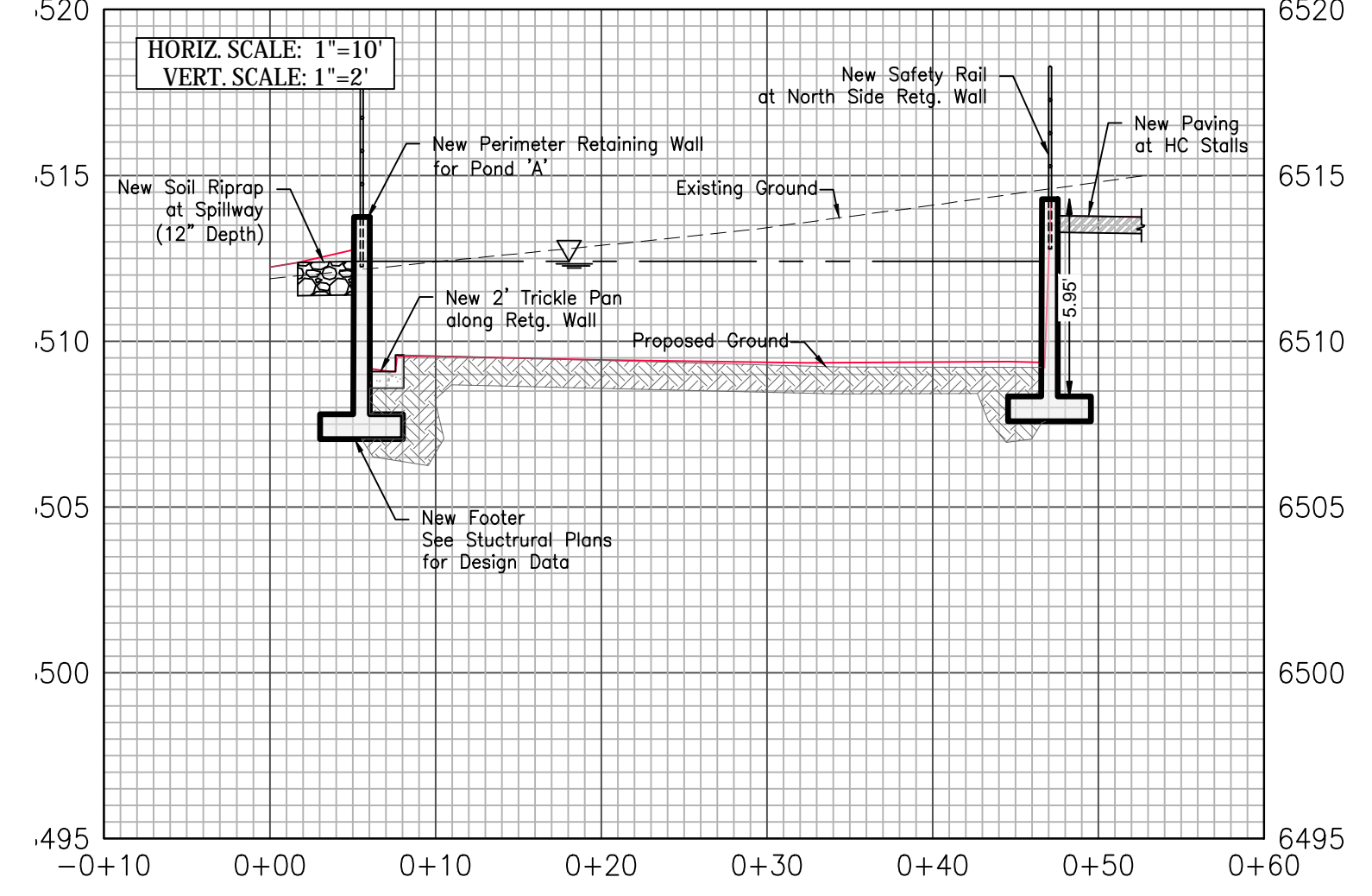


Unresolved Review 2 comment:
Pond bottom should have a minimum slope of 3%
to the trickle channel and micropool (USDCM Vol
3, detail T-5). Please adjust to minimize future
maintenance needs.

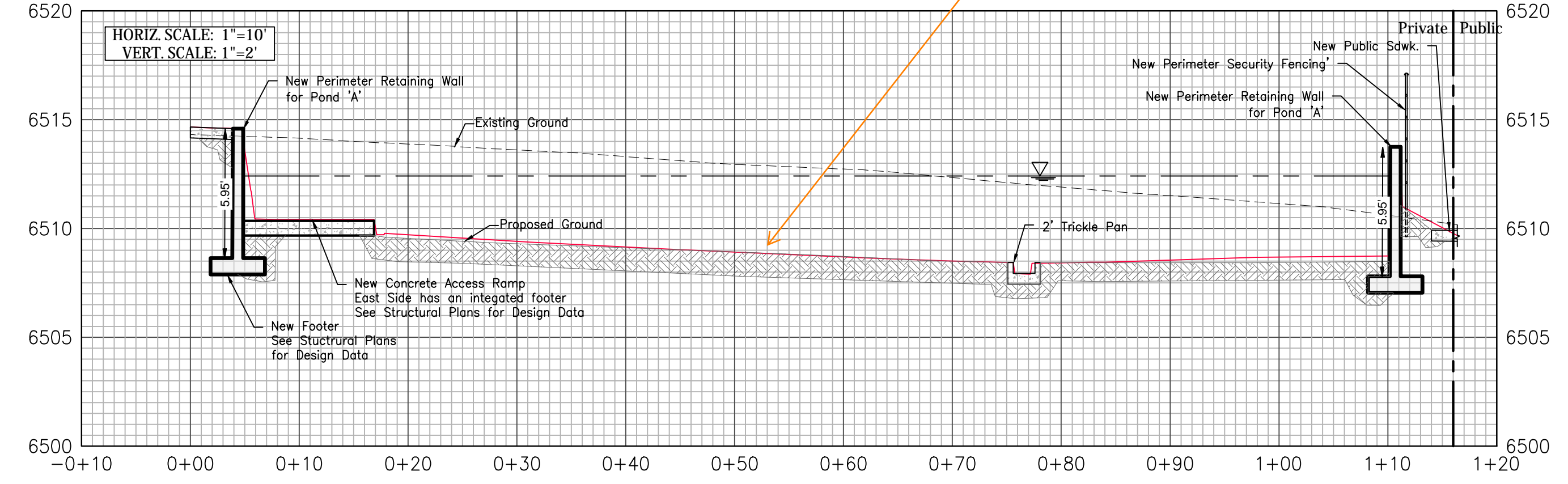


1 Detention Basin Cross Sections
C601 NOT TO SCALE

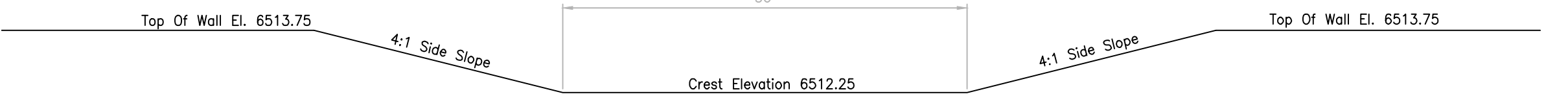
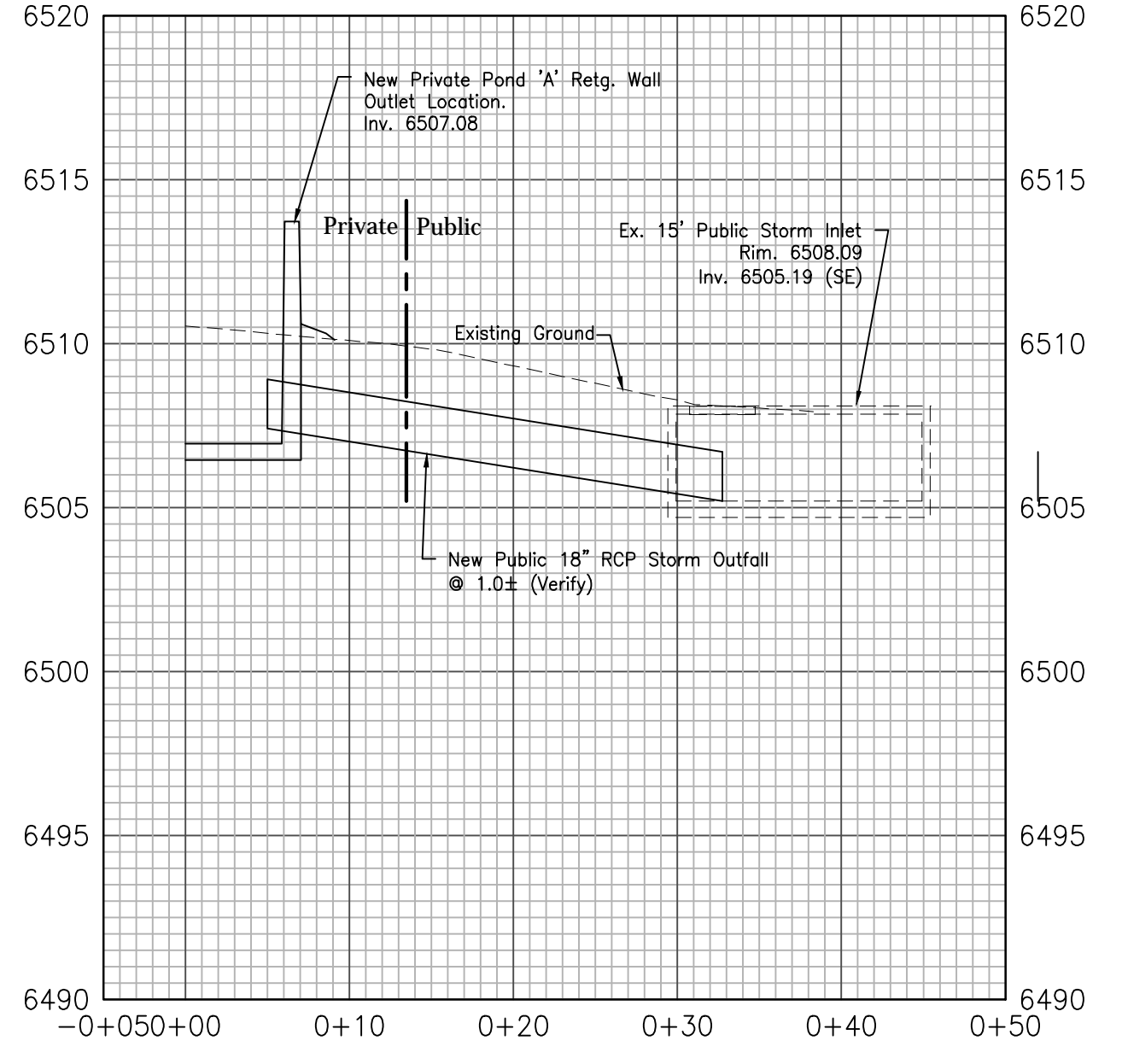
PROFILE VIEW OF POND ELEV EAST



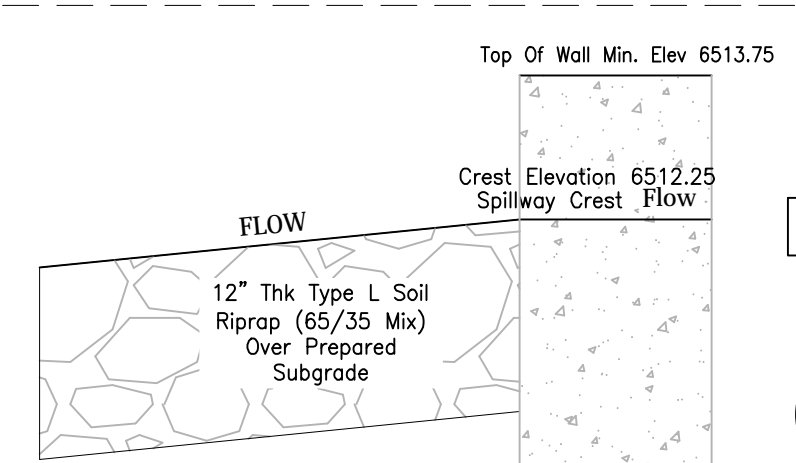
PROFILE VIEW OF POND ELEV SOUTH



PROFILE VIEW OF STORM OUTFALL



ELEVATION VIEW



SECTION A-A

601 Emergency Spillway
1 NOT TO SCALE

I'm not seeing the section markers for this section. Please show them.

