

K:\COS_Civil\196106001_Winsome Filing No. 3\CADD\PlanSheets\CDS\196106001_CD_CV.dwg Lundberg, Andrew 12/22/2021 1:19 PM

WINSOME FILING NO. 3 CONSTRUCTION DOCUMENTS

A PORTION OF THE SOUTHEAST QUARTER OF SECTION 13, AND A PORTION SECTION 24,
TOWNSHIP 11 SOUTH, RANGE 65 WEST OF THE 6TH PM, COUNTY OF EL PASO, STATE OF COLORADO

CONTACTS:

DEVELOPER:
WINSOME, LLC
1864 WOODMOOR DRIVE, SUITE 100
MONUMENT, CO 80132
TEL: (719) 476-0800
CONTACT: JOSEPH DESJARDIN

PLANNER/LANDSCAPE ARCHITECT:
NES, INC
619 N CASCADE AVENUE, SUITE 200
COLORADO SPRINGS, CO 80903
TEL: (719) 471-0073
EMAIL: ABARLOW@NESCOCOLORADO.COM
CONTACT: ANDREA BARLOW

ENGINEER:
KIMLEY-HORN AND ASSOCIATES, INC.
2 NORTH NEVADA, SUITE 300
COLORADO SPRINGS, CO 80903
(719) 453-0180
EMAIL:
KEVIN.KOFFORD@KIMLEY-HORN.COM
CONTACT: KEVIN KOFFORD

SURVEY:
EDWARD JAMES SURVEYING, INC.
926 ELKTON DRIVE
COLORADO SPRINGS, CO 80907
TEL: (719) 576-1216
CONTACT: JONATHAN TESSIN

EL PASO COUNTY PLANNING
DEPARTMENT
2680 INTERNATIONAL CIRCLE, SUITE
110
COLORADO SPRINGS, CO 80910

PLANNING REVIEWER:
NINA RUIZ
TEL: (719) 520-6313
EMAIL: NINARUIZ@ELPASOCO.COM

ENGINEERING REVIEWER:
GILBERT LAFORCE
TEL: (719) 520-7945
EMAIL:

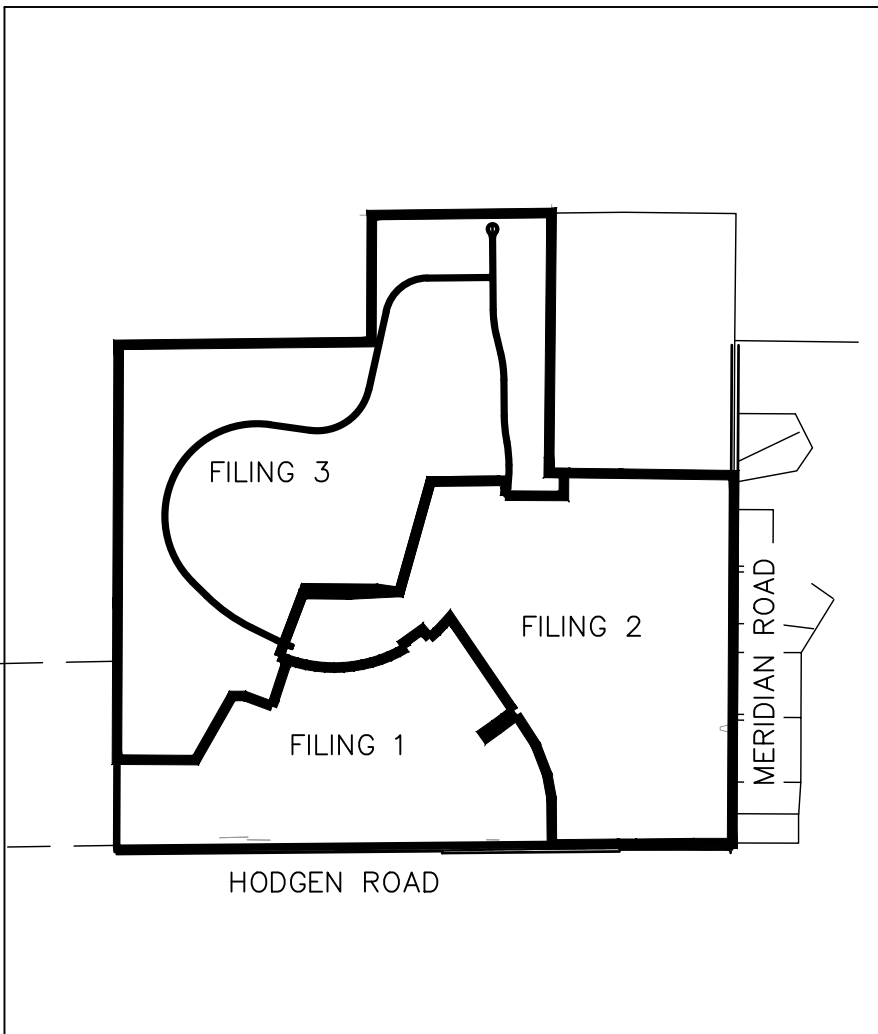
GILBERTLAFORCE@ELPASOCO.COM

EPC DPW STORMWATER TEAM:
CHRISTINA FURCHAK
(719) 433-4863
EMAIL:
CHRISTINAFURCHAK@ELPASOCO.COM

EPC PCD INSPECTIONS SUPERVISOR:
TEM: BRAD WALTERS
(719) 520-6819
EMAIL: BRADWALTERS@ELPASOCO.COM

FALCON FIRE DEPARTMENT:
AREA: FAL D2
DEPUTY CHIEF JEFF PETERSMA
7030 OLD MERIDIAN ROAD
PAYTON, CO 80831
TEL: (719) 243-0651
EMAIL:
FALCONFIRE@FALCONFIREPD.ORG

**COLORADO DEPARTMENT OF PUBLIC
HEALTH AND ENVIRONMENT:**
WATER QUALITY CONTROL DIVISION
4300 CHERRY CREEK DRIVE SOUTH
DENVER, CO 80246
TEL: (303) 692-3500



VICINITY MAP
1"=2,000'

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C1.39	WQ POND DETAILS
C1.40	WQ POND DETAILS

OWNER'S STATEMENT

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

OWNER SIGNATURE _____ DATE _____

JOE DESJARDIN, DIRECTOR OF ENTITLEMENTS
WINSOME, LLC
1864 WOODMOOR DRIVE, SUITE 100
MONUMENT, CO 80132

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

KEVIN KOFFORD, PE (CO #57234) – KIMLEY-HORN AND ASSOCIATES, INC. DATE _____

EL PASO COUNTY

COUNTY PLAN REVIEW IS PROVIDED ONLY FOR GENERAL CONFORMANCE WITH COUNTY DESIGN CRITERIA. THE COUNTY IS NOT RESPONSIBLE FOR THE ACCURACY AND ADEQUACY OF THE DESIGN, DIMENSIONS, AND/OR ELEVATIONS WHICH SHALL BE CONFIRMED AT THE JOB SITE. THE COUNTY THROUGH THE APPROVAL OF THIS DOCUMENT ASSUMES NO RESPONSIBILITY FOR COMPLETENESS AND/OR ACCURACY OF THIS DOCUMENT. FILED IN ACCORDANCE WITH THE REQUIREMENTS OF THE EL PASO COUNTY LAND DEVELOPMENT CODE, DRAINAGE CRITERIA MANUAL VOLUMES 1 AND 2, AND ENGINEERING CRITERIA MANUAL, AS AMENDED.

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

JENNIFER IRVINE, PE COUNTY ENGINEER/ECM ADMINISTRATOR _____ DATE _____

Kimley»Horn

2021 KIMLEY-HORN AND ASSOCIATES, INC.
2 North Nevada Avenue Suite 300
Colorado Springs, Colorado 80903 (719) 453-0180

DESIGNED BY: KRK
DRAWN BY: AJL
CHECKED BY: KRK
DATE: 12/16/2021

WINSOME FILING NO. 3
EL PASO COUNTY, COLORADO
CONSTRUCTION DOCUMENTS
COVER SHEET

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KimleyHorn and Associates, Inc.

PROJECT NO.
196106001

SHEET

C1.0



Know what's below.
Call before you dig.



EL PASO COUNTY GRADING AND EROSION CONTROL PLAN NOTES

25. ALL CONSTRUCTION TRAFFIC MUST ENTER/EXIT THE SITE ONLY AT APPROVED CONSTRUCTION ACCESS POINTS.
26. PRIOR TO CONSTRUCTION THE PERMITTEE SHALL VERIFY THE LOCATION OF EXISTING UTILITIES.
27. 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.
28. THE SOILS REPORT FOR THIS SITE HAS BEEN PREPARED BY ENTECH ENGINEERING, INC. DATED JANUARY 26, 2021 AND SHALL BE CONSIDERED A PART OF THESE PLANS.
29. 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 SHALL SUBMIT TO THE PERMIT APPLICATION FOR STORMWATER MANAGEMENT. THE COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT, WATER QUALITY 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. 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

STANDARD NOTES FOR EL PASO COUNTY CONSTRUCTION PLANS

1. ALL DRAINAGE AND ROADWAY CONSTRUCTION SHALL MEET THE STANDARDS AND SPECIFICATIONS AT 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 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).
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 EL PASO COUNTY 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.
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 (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 PCD. CONTRACTOR SHALL NOTIFY THE DESIGN ENGINEER IMMEDIATELY UPON DISCOVERY OF ANY ERRORS OR INCONSISTENCIES.
9. ALL STORM DRAIN PIPE SHALL BE CLASS III RCP 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 COUNTY DOT AND MUTCD CRITERIA. [IF APPLICABLE, ADDITIONAL SIGNING AND STRIPING NOTES WILL BE PROVIDED.]
14. CONTRACTOR SHALL OBTAIN ANY PERMITS REQUIRED BY EL PASO COUNTY DOT, INCLUDING WORK WITHIN THE RIGHT-OF-WAY AND SPECIAL TRANSPORT PERMITS.
15. THE LIMITS OF 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.

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Kimley»Horn

2021 KIMLEY-HORN AND ASSOCIATES, INC.
2 North Nevada Avenue Suite 300
Colorado Springs, Colorado 80903 (719) 451-1100

DESIGNED BY: KRK
DRAWN BY: AJL
CHECKED BY: KRK
DATE: 12/16/2021

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EL PASO COUNTY, COLORADO
CONSTRUCTION DOCUMENT
GENERAL NOTES

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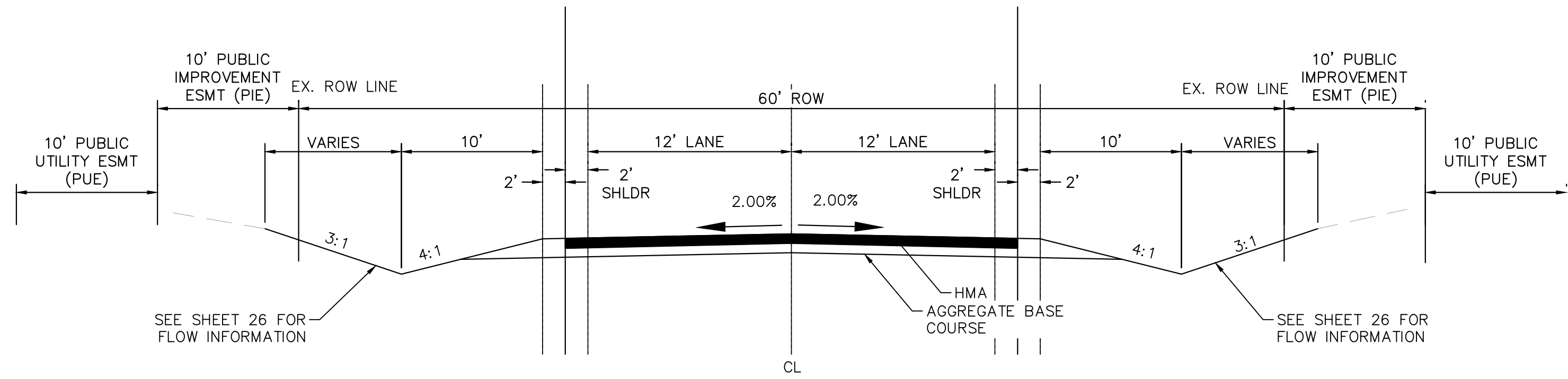
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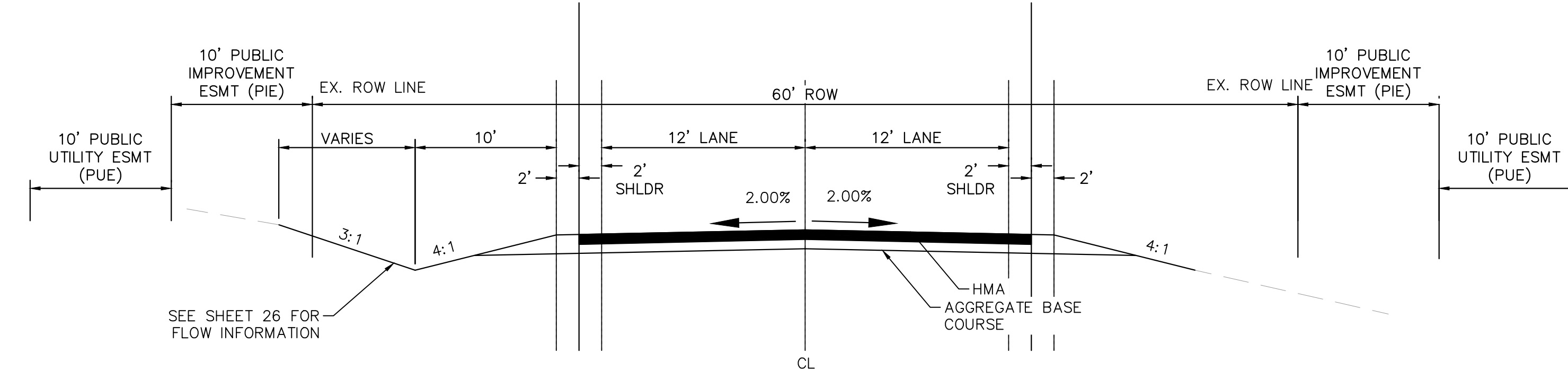
K:\COS_Civil\196106001_Winsome Filing No. 3\CADD\PlanSheets\CDS\196106001_CD_NOTES AND CROSS SECTIONS.dwg Kofford, Kevin 12/22/2021 4:15 PM

ROADWAY CROSS SECTIONS



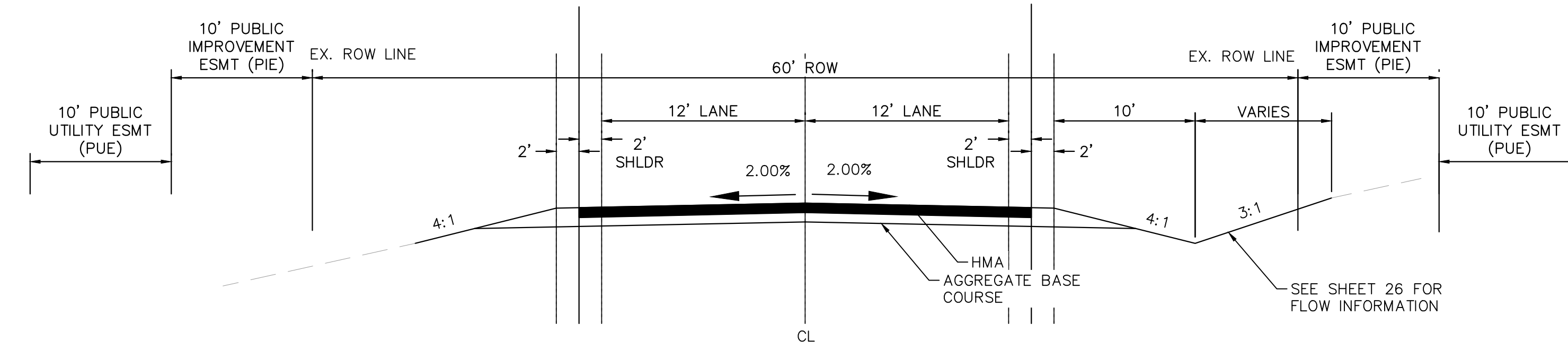
(A) RURAL LOCAL ROADWAY – ROADSIDE DITCH: LEFT AND RIGHT
SCALE: NTS

ALAMAR WAY: 1014+50–1017+00, 1022+00–1027+00, 1035+00–1045+00, 1051+00–1054+00, 1064+00–END
TWINKLING STAR LANE: 2000+00–2004+00, 2013+50–2023+00



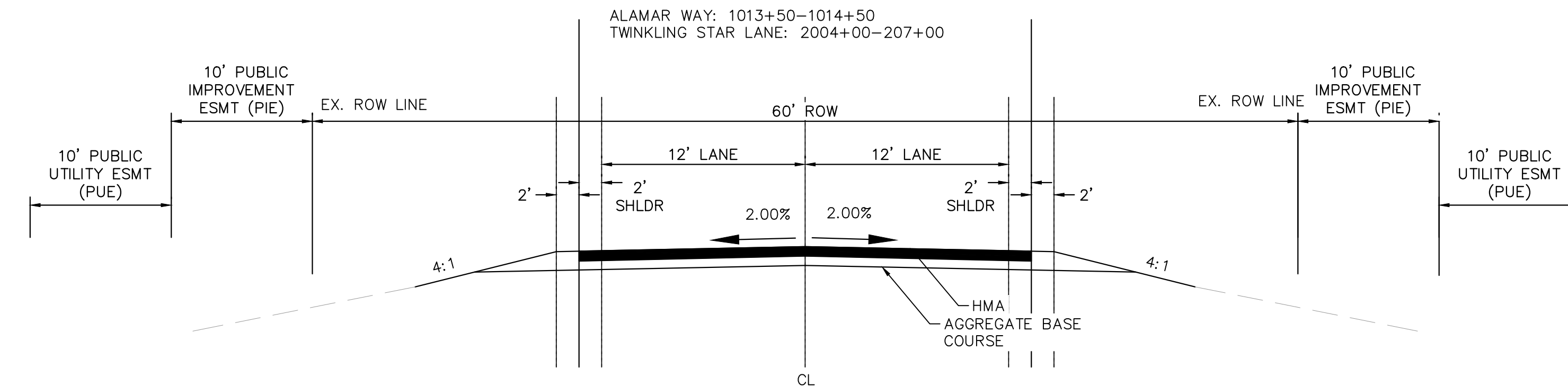
(B) RURAL LOCAL ROADWAY – ROADSIDE DITCH LEFT ONLY
SCALE: NTS

ALAMAR WAY: 1008+50–1010+50, 1018+50–1022, 1032+00–1035+00, 1048+00–1051+00
TWINKLING STAR LANE: 2023+00–2028+00



(C) RURAL LOCAL ROADWAY – ROADSIDE DITCH RIGHT ONLY
SCALE: NTS

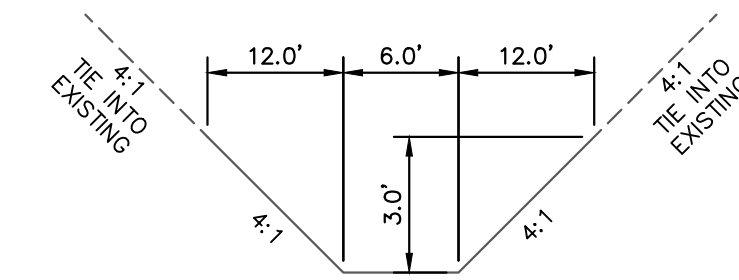
ALAMAR WAY: 1013+50–1014+50
TWINKLING STAR LANE: 2004+00–207+00



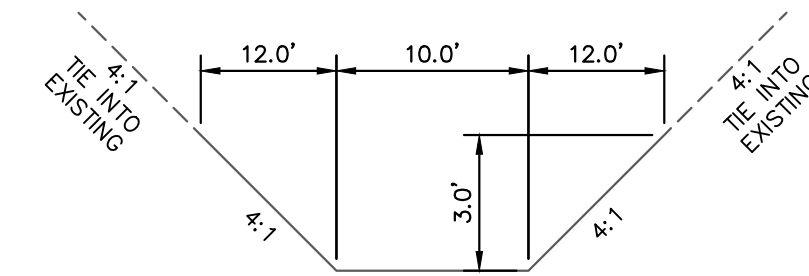
(D) RURAL LOCAL ROADWAY – NO ROADSIDE DITCH
SCALE: NTS

ALAMAR WAY: 1000+00–1008+50, 1010+50–1013+50, 1017+00–1018+50, 1027+00–1032+00, 1045+00–1048+00, 1054+00–1064+00
TWINKLING STAR LANE: 2007+00–2013+50

DRAINAGE CHANNEL CROSS SECTIONS

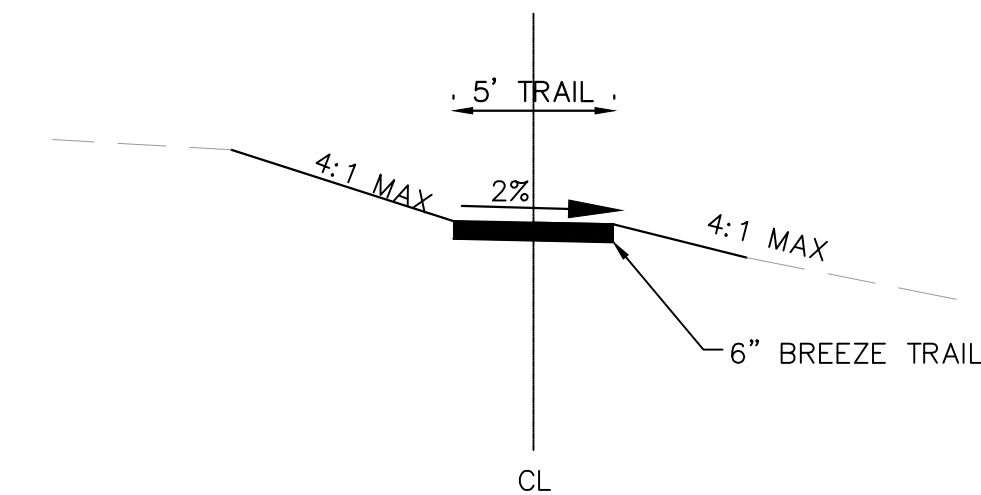


(E) 6' BOTTOM CHANNEL
SCALE: NTS



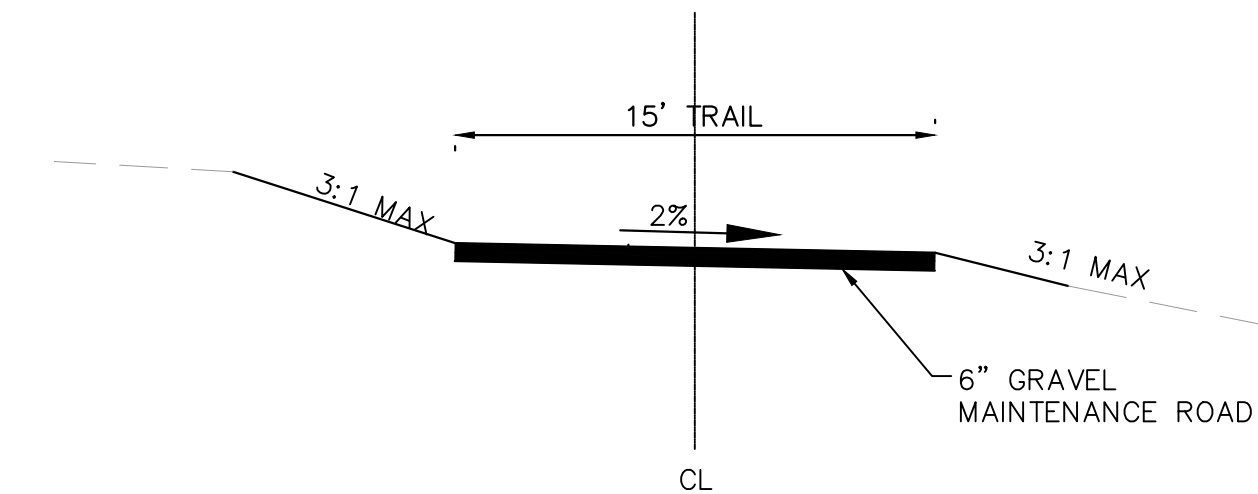
(F) 10' BOTTOM CHANNEL
SCALE: NTS

TRAIL CROSS SECTION



(G) GRAVEL TRAIL
SCALE: NTS

MAINTENANCE ROAD CROSS SECTION



(H) MAINTENANCE ROAD
SCALE: NTS

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DESIGNED BY: KRK
DRAWN BY: AUL
CHECKED BY: KRK
DATE: 12/16/2021

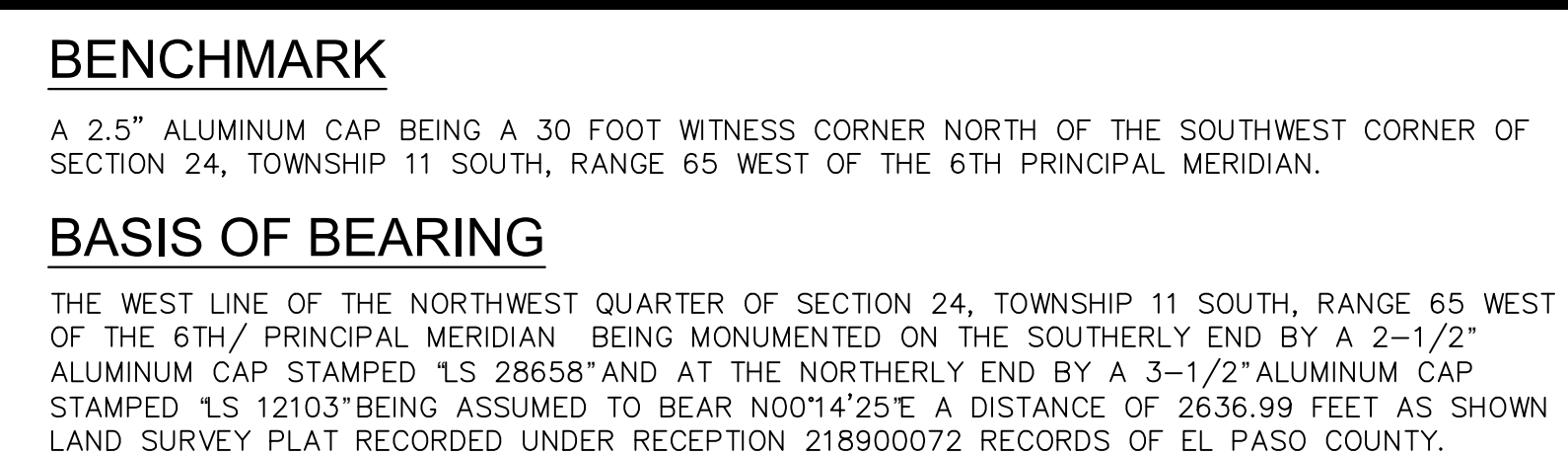
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CONSTRUCTION DOCUMENTS
CROSS SECTIONS

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SHEET

C1.2



BASIS OF BEARING

THE WEST LINE OF THE NORTHWEST QUARTER OF SECTION 24, TOWNSHIP 11 SOUTH, RANGE 65 WEST OF THE 6TH/ PRINCIPAL MERIDIAN BEING MONUMENTED ON THE SOUTHERLY END BY A 2-1/2" ALUMINUM CAP STAMPED 'LS 28658' AND AT THE NORTHERLY END BY A 3-1/2" ALUMINUM CAP STAMPED 'LS 12103' BEING ASSUMED TO BEAR N001°42'25"E A DISTANCE OF 2636.99 FEET AS SHOWN LAND SURVEY PLAT RECORDED UNDER RECEPTION 218900072 RECORDS OF EL PASO COUNTY.

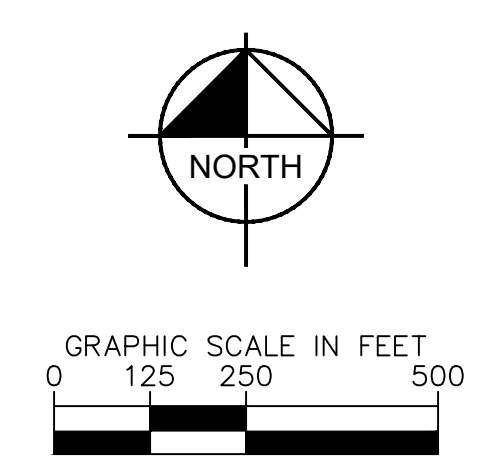
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CONSTRUCTION DOCUMENTS
HORIZONTAL CONTROL PLAN

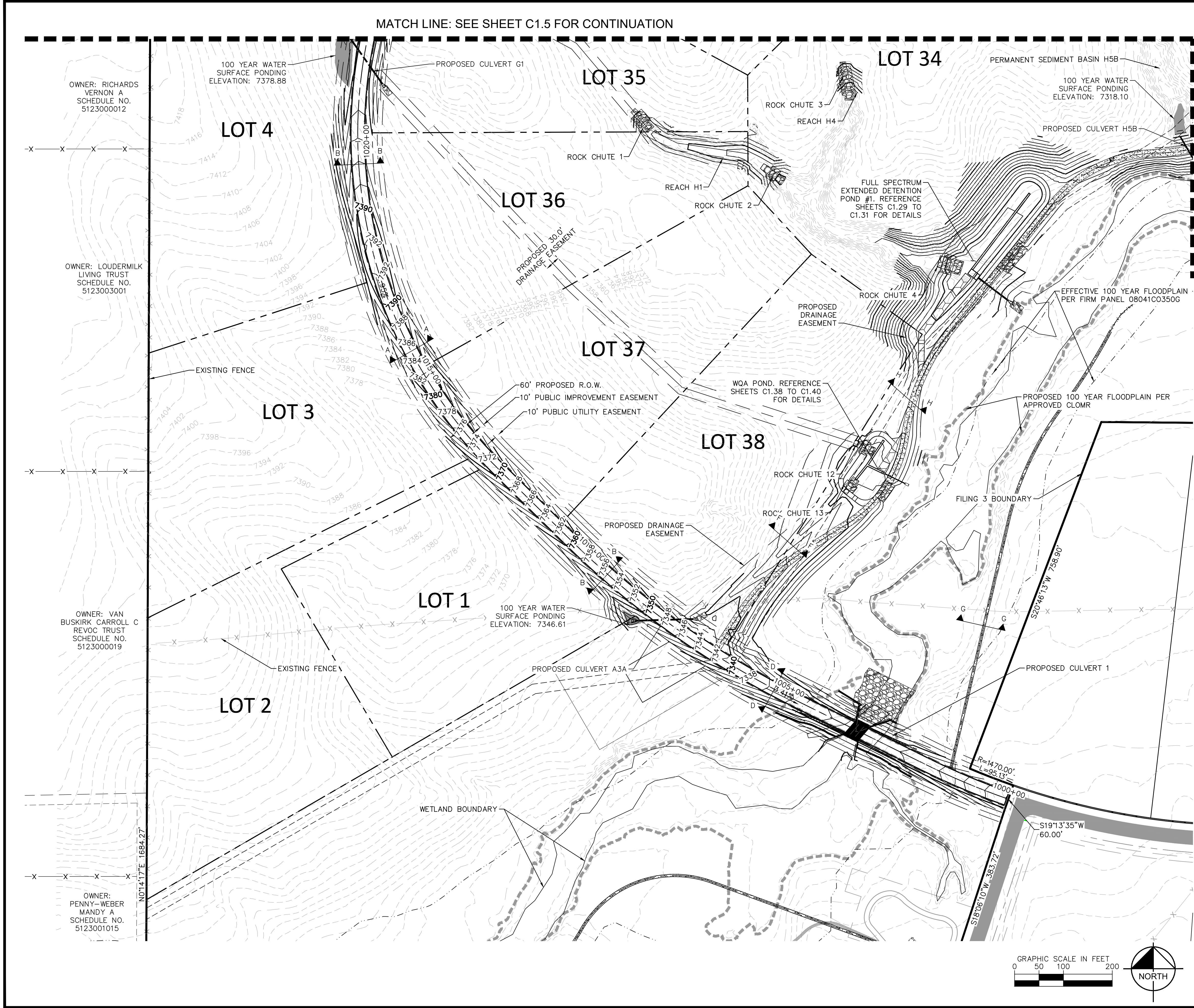
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C1.3



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MATCH LINE: SEE SHEET C1.5 FOR CONTINUATION

MATCH LINE: SEE SHEET C1.7 FOR CONTINUATION

LEGEND

- LOT BOUNDARY LINE
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- STREET CROSS SECTION (SEE SHEET C1.2 FOR DETAILS)
- PROPOSED STORM LINE
- UTILITY EASEMENT
- R.O.W. LINE
- EDGE OF PAVEMENT

GRAPHIC SCALE IN FEET

0 500 1000 2000

GRAPHIC SCALE IN FEET

0 50 100 200

NORTH

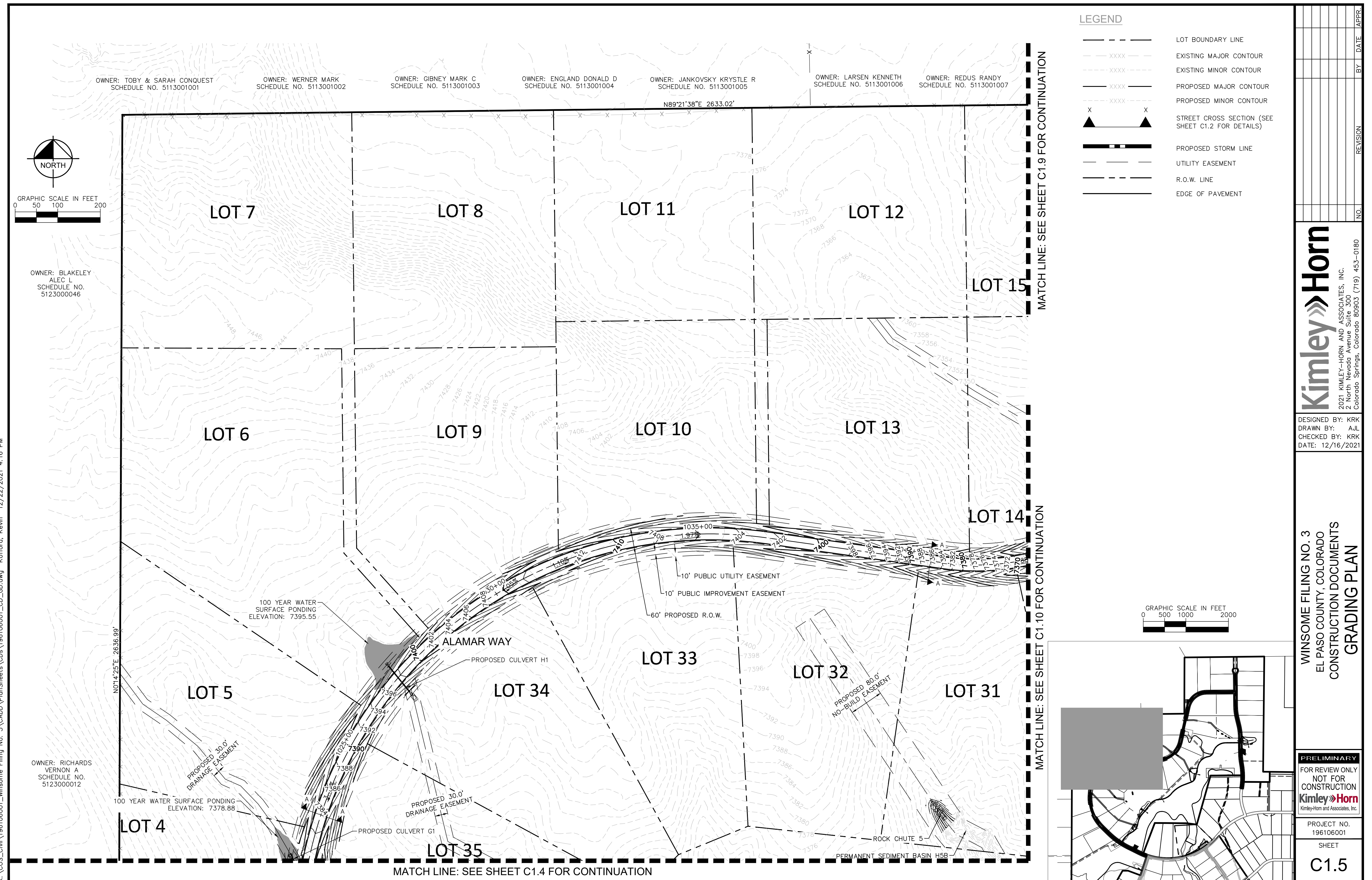
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EL PASO COUNTY, COLORADO
CONSTRUCTION DOCUMENTS
GRADING PLAN

DESIGNED BY: KRK
DRAWN BY: A.J.L.
CHECKED BY: KRK
DATE: 12/16/2021

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PROJECT NO.
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SHEET
C1.4



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MATCH LINE: SEE SHEET C1.5 FOR CONTINUATION

MATCH LINE: SEE SHEET C1.7 FOR CONTINUATION

LEGEND

- LOT BOUNDARY LINE
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- STREET CROSS SECTION (SEE SHEET C1.2 FOR DETAILS)
- PROPOSED STORM LINE
- UTILITY EASEMENT
- R.O.W. LINE
- EDGE OF PAVEMENT

Kimley»Horn

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2 North Nevada Avenue Suite 300
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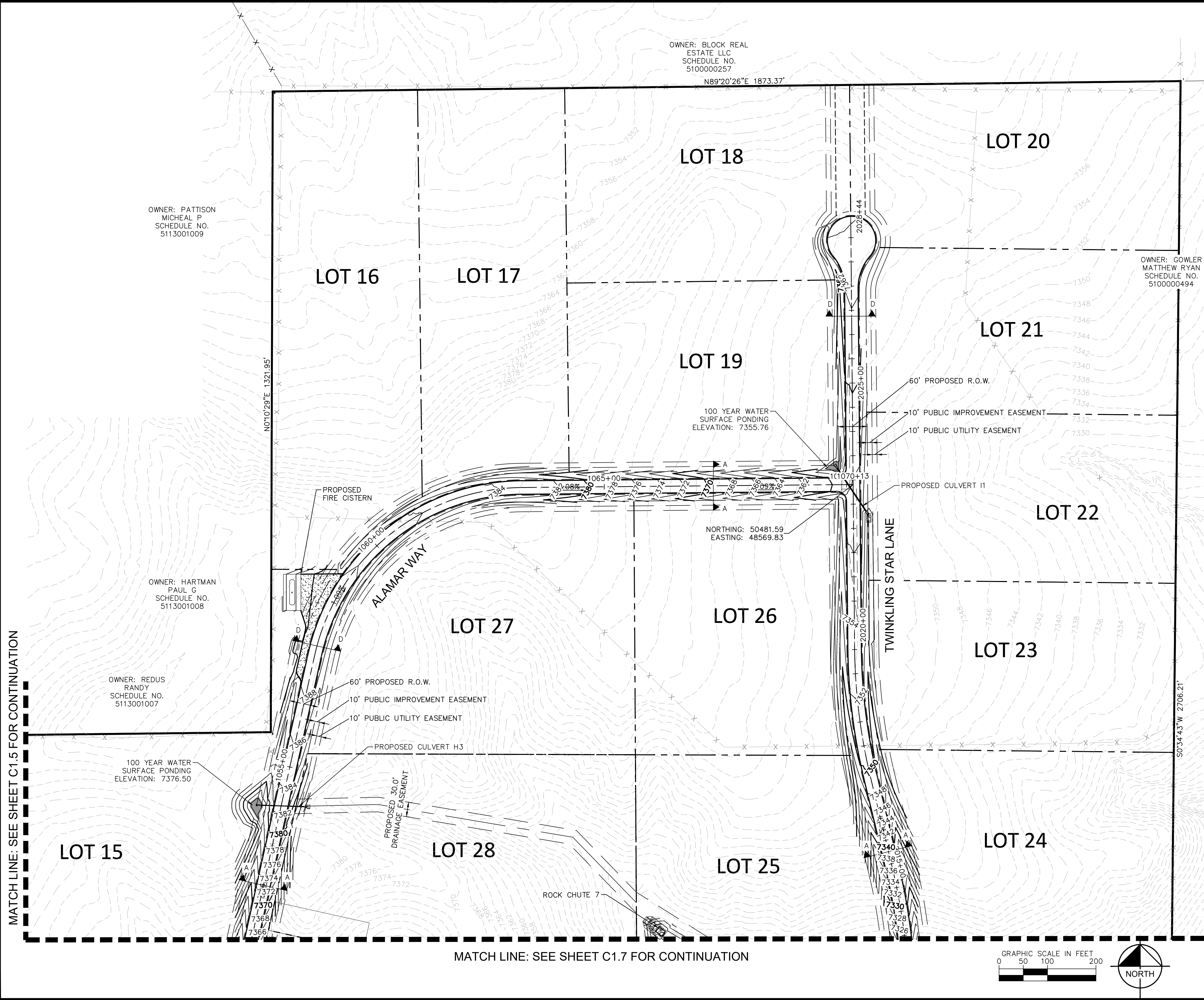
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GRADING PLAN

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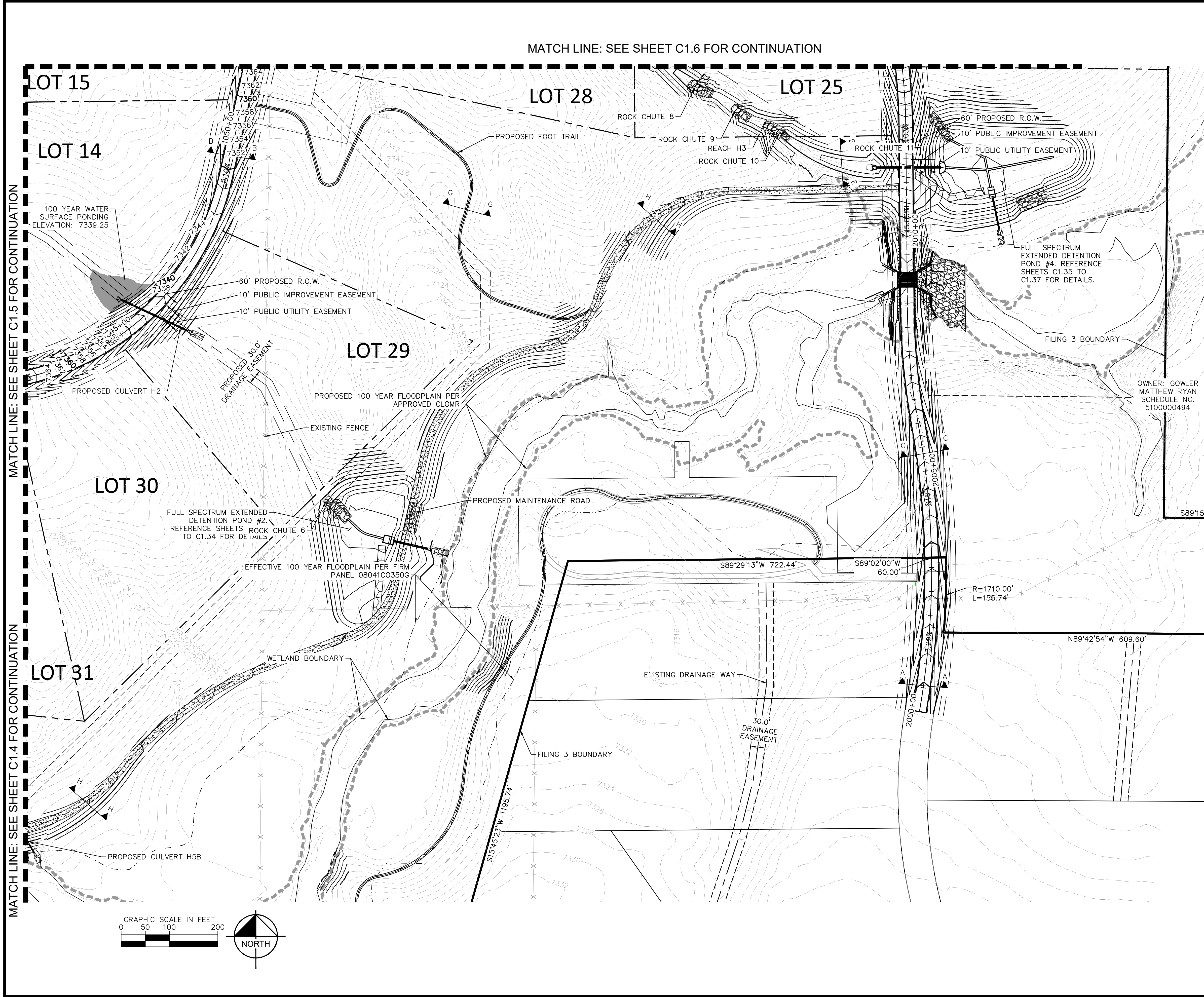
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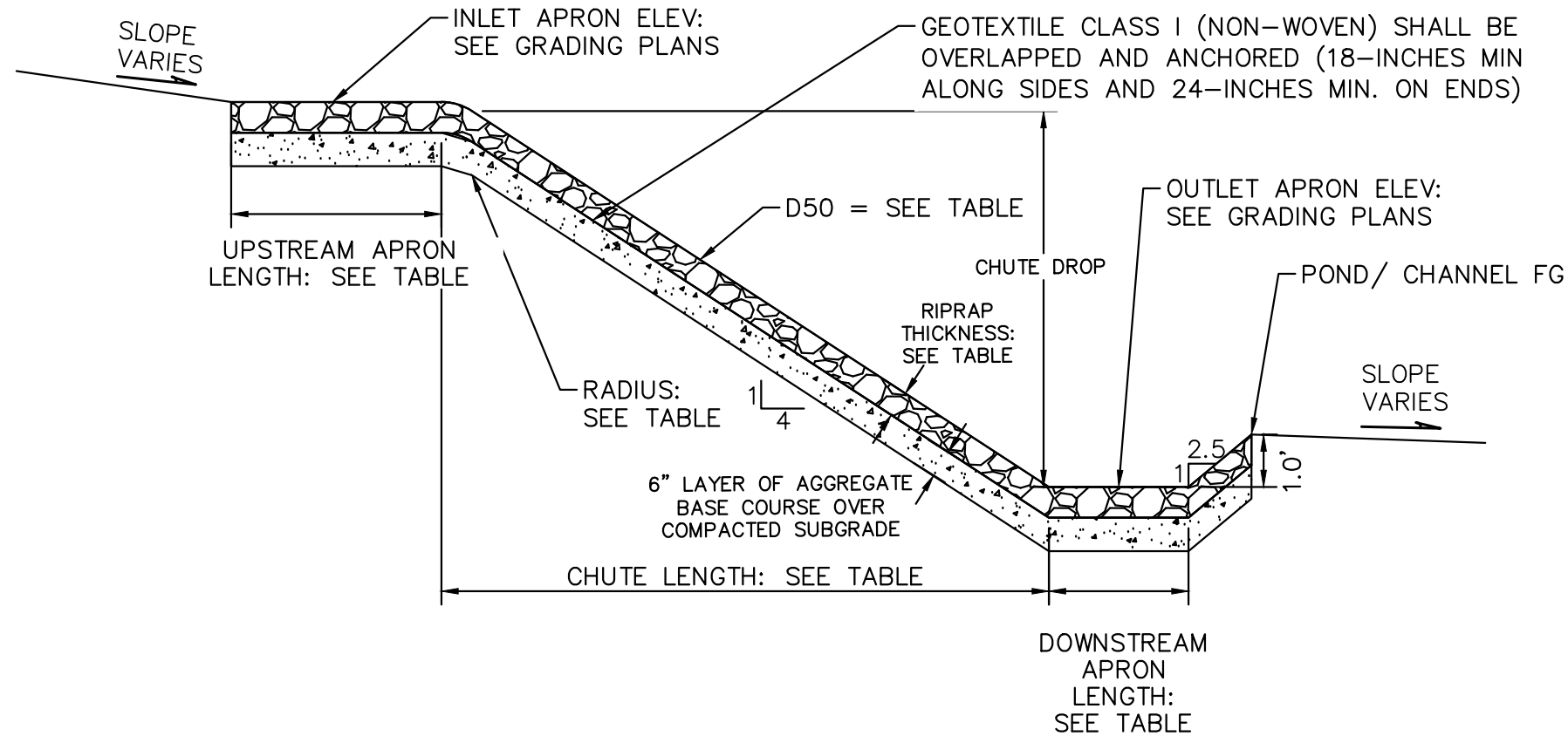
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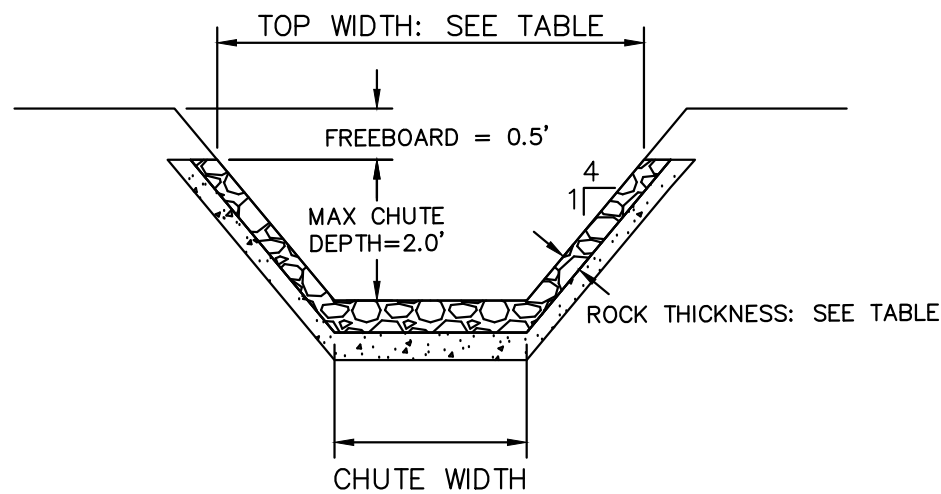


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1 STANDARD ROCK CHUTE PROFILE- CROSS SECTION 1
N.T.S.



2 STANDARD ROCK CHUTE PROFILE- CROSS SECTION 2
N.T.S.

				Drop (ft) (Inlet Apron to Outlet Apron)									
Rock Chute ID	Channel Location	Flow (cfs)	Upstream Inlet Apron Length (ft)		Chute Length (ft)	Downstream Outlet Apron Length (ft)	Chute Width (ft)	D50 (in)	Rock Chute Thickness (in)	Radius (ft)	Min Rock Chute Depth (ft)	Rock Chute Depth (ft)	Top Chute Width (ft)
1	H1	45	10	7	28	14	12	12	24	33	1.09	2.00	28
2	H1	45	10	5	20	14	12	12	24	33	1.09	2.00	28
3	H4	17	10	13	52	8	12	9	18	25	0.58	2.00	28
4	Pond 1	107	10	6	24	15	24	18	36	50	1.27	2.00	40
5	H5B	29	10	8	32	18	4	18	36	50	1.54	2.00	20
6	Pond 2	110	10	8	32	18	17	18	36	50	1.57	2.00	33
7	H3	58	10	6	24	15	12	18	36	50	1.27	2.00	28
8	H3	58	10	6	24	15	12	18	36	50	1.27	2.00	28
9	H3	58	10	6	24	15	12	18	36	50	1.27	2.00	28
10	H3	58	10	6	24	15	12	18	36	50	1.27	2.00	28
11	Pond 4	26	10	10	40	11	10	9	18	25	0.85	2.00	26
12	WQ Pond	100	11	5	20	20	12	18	36	50	1.81	2.00	28
13	WQ Pond	57	10	3	12	16	10	18	36	50	1.38	2.00	26

3 STANDARD ROCK CHUTE DIMENSION TABLE

[illegible]

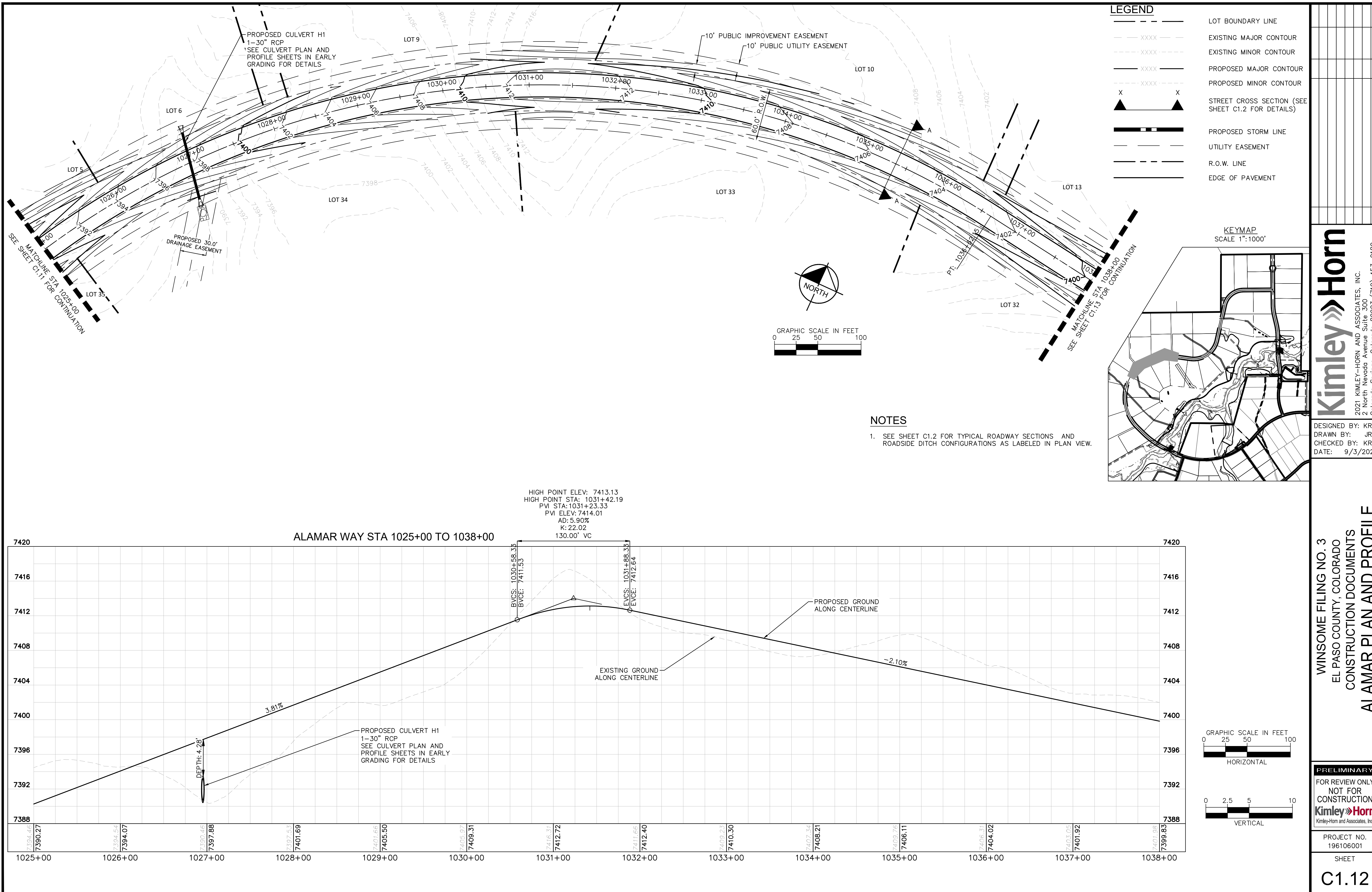
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DRAWN BY: AJL
CHECKED BY: KRK
DATE: 12/16/202

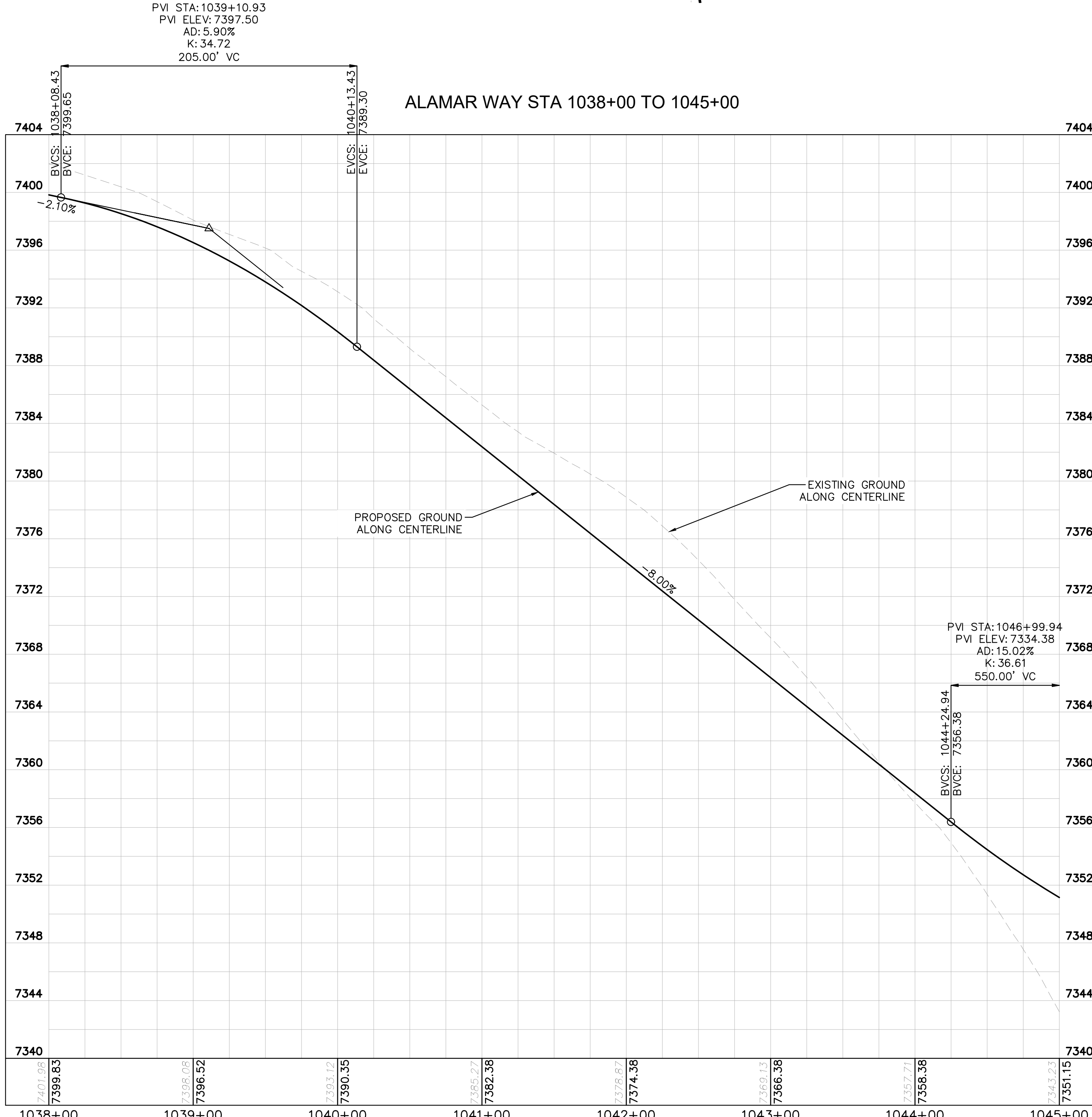
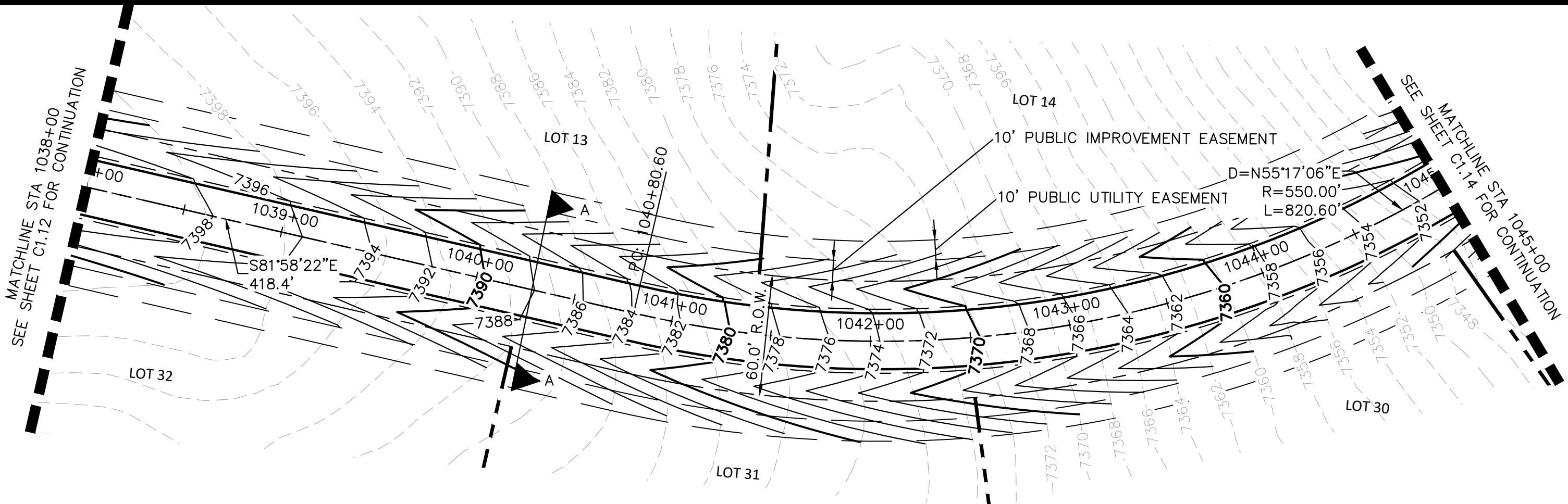
WINSOME FILING NO. 3
EL PASO COUNTY, COLORADO
CONSTRUCTION DOCUMENTS
GRADING PLAN DETAILS











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Kimley-Horn and Associates, Inc.

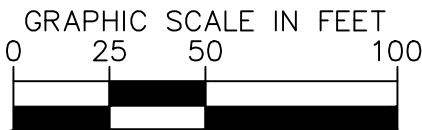
PROJECT NO.	196106001
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SHEET
C1.8

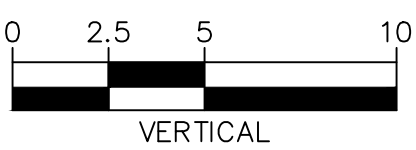




- | | |
|---|---|
|  | LOT BOUNDARY LINE |
|  | EXISTING MAJOR CONTOUR |
|  | EXISTING MINOR CONTOUR |
|  | PROPOSED MAJOR CONTOUR |
|  | PROPOSED MINOR CONTOUR |
|  | STREET CROSS SECTION (SEE SHEET C1.2 FOR DETAILS) |
|  | PROPOSED STORM LINE |
|  | UTILITY EASEMENT |
|  | R.O.W. LINE |
|  | EDGE OF PAVEMENT |



1. SEE SHEET C1.2 FOR TYPICAL ROADWAY SECTIONS AND
ROADSIDE DITCH CONFIGURATIONS AS LABELED IN PLAN VIEW



WINSOME FILING NO. 3
EL PASO COUNTY, COLORADO
CONSTRUCTION DOCUMENT
ALAMAR PLAN AND PRO

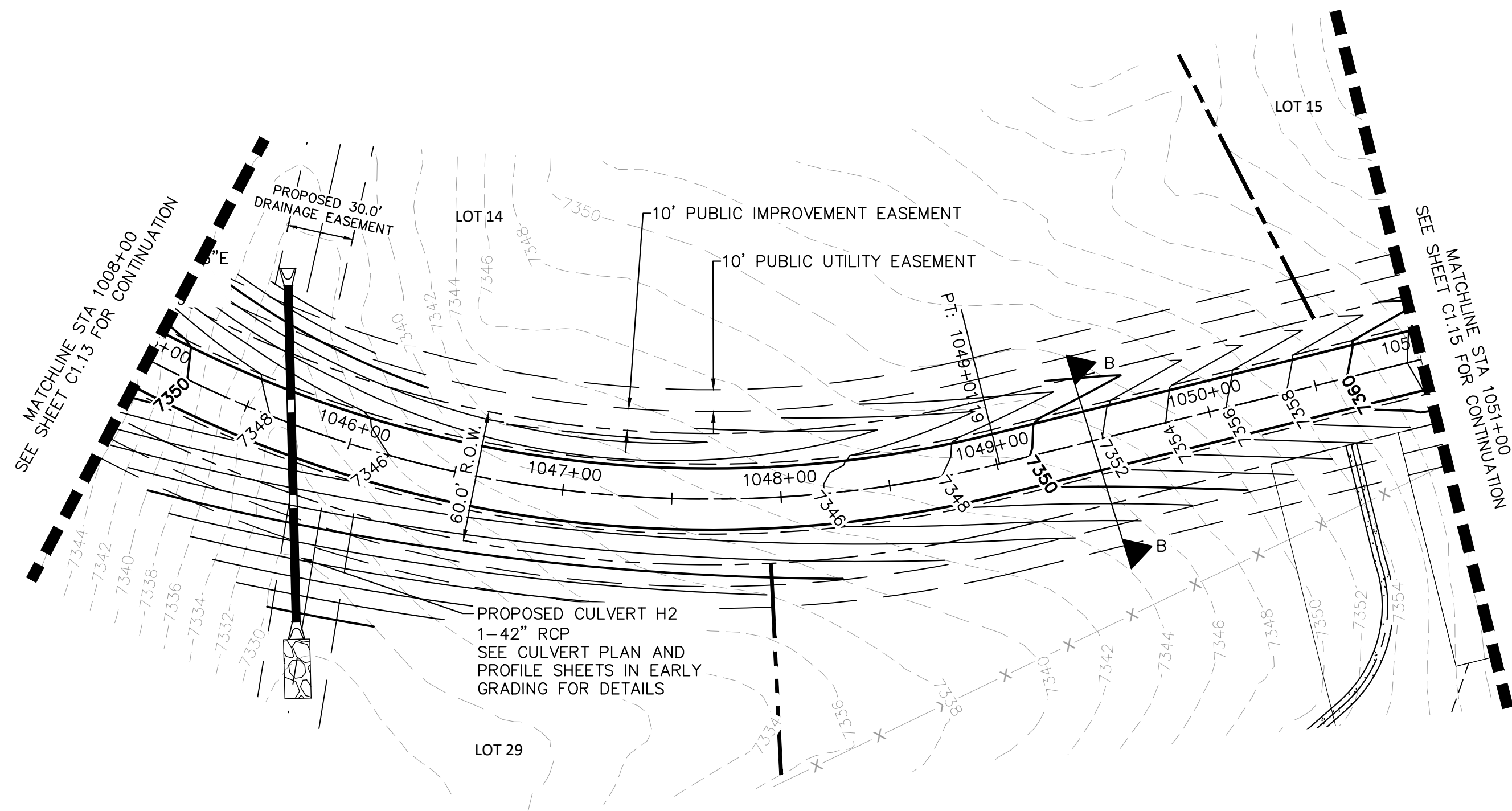
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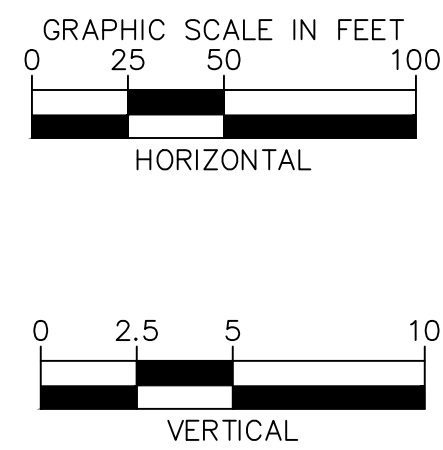
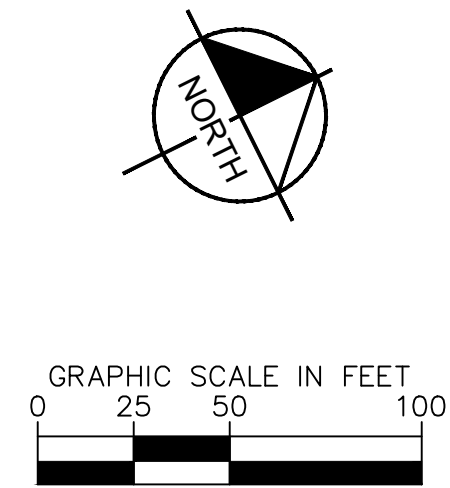
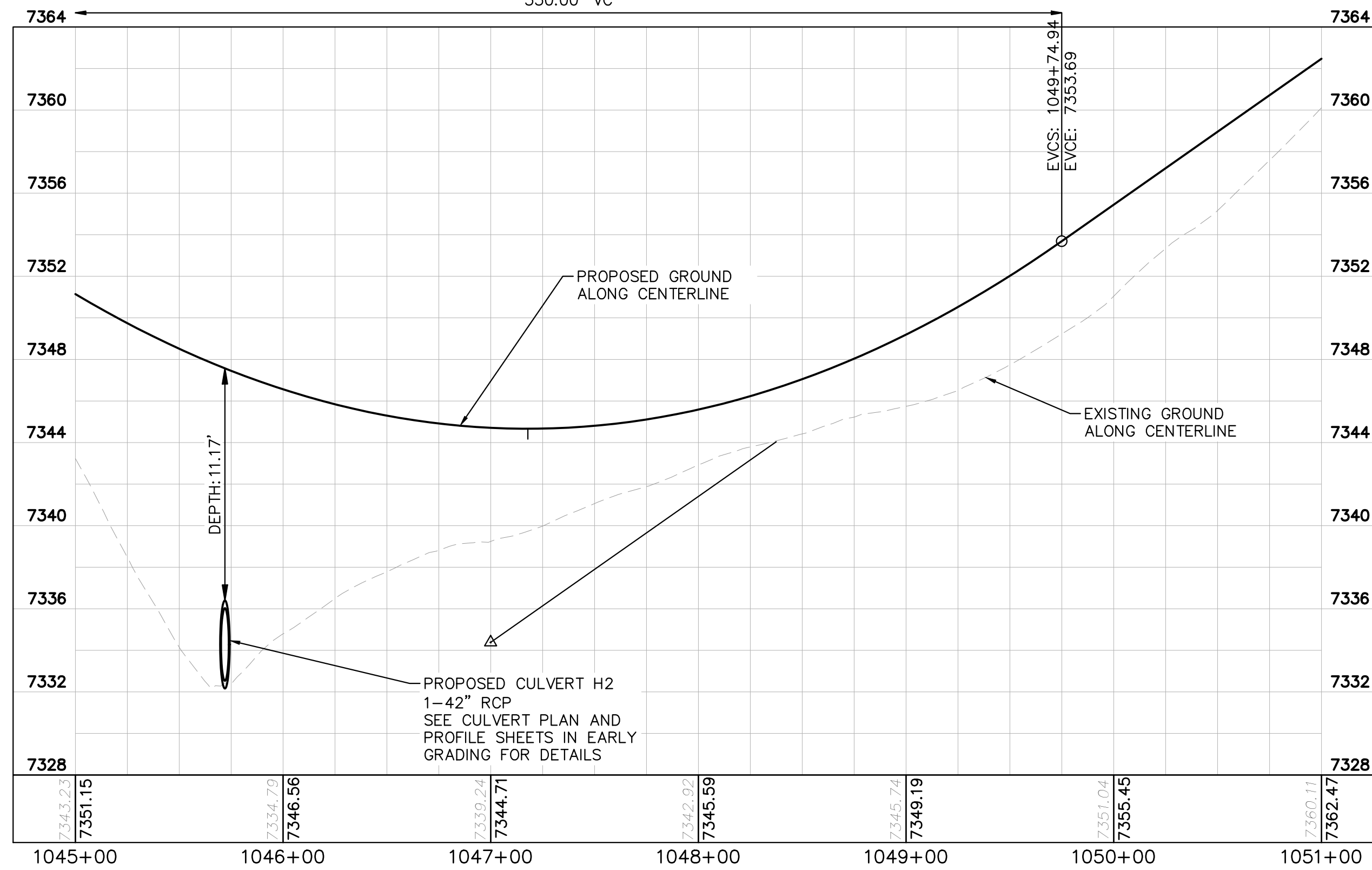
PROJECT NO
196106001

C1.13



LOW POINT ELEV: 7344.66
LOW POINT STA: 1047+17.86
PVI STA: 1046+99.94
PVI ELEV: 7334.38
AD: 15.02%
K: 36.61
550.00' VC

ALAMAR WAY STA 1045+00 TO 1051+00



LEGEND

	LOT BOUNDARY LINE
	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR
	PROPOSED MAJOR CONTOUR
	PROPOSED MINOR CONTOUR
	STREET CROSS SECTION (SEE SHEET C1.2 FOR DETAILS)
	PROPOSED STORM LINE
	UTILITY EASEMENT
	R.O.W. LINE
	EDGE OF PAVEMENT

NOTES

1. SEE SHEET C1.2 FOR TYPICAL ROADWAY SECTIONS AND
ROADSIDE DITCH CONFIGURATIONS AS LABELED IN PLAN VIEW.



WINSOME FILING NO. 3
EL PASO COUNTY, COLORADO
CONSTRUCTION DOCUMENTS
ALAMAR PLAN AND PROFILE

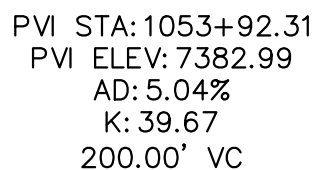
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2021 KIMLEY—HORN AND ASSOCIATES, INC.
2 North Nevada Avenue Suite 300
Colorado Springs, Colorado 80903 (719) 453-0180

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DRAWN BY: JRH
CHECKED BY: KRK
DATE: 9/3/2021

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196106001

SHEET
C1.14



ALAMAR WAY STA 1051+00 TO 1061+00

HIGH POINT ELEV: 7389.45
HIGH POINT STA: 1057+81.51
PVI STA: 1057+55.27
PVI ELEV: 7390.18
AD: 3.14%
K: 63.76
200.00' VC

- PROPOSED CULVERT H3
1-18" RCP
- SEE CULVERT PLAN AND
PROFILE SHEETS IN EARLY
GRADING FOR DETAILS

EXISTING GROUND —
ALONG CENTERLINE

LOT BOUNDARY LINE

EXISTING MAJOR CONTOUR

EXISTING MINOR CONTOUR

PROPOSED MAJOR CONTOUR

PROPOSED MINOR CONTOUR

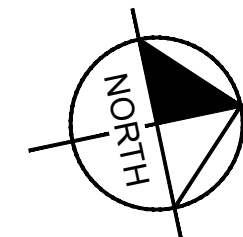
STREET CROSS SECTION (SEE
SHEET C1.2 FOR DETAILS)

PROPOSED STORM LINE

UTILITY EASEMENT

R.O.W. LINE

EDGE OF PAVEMENT

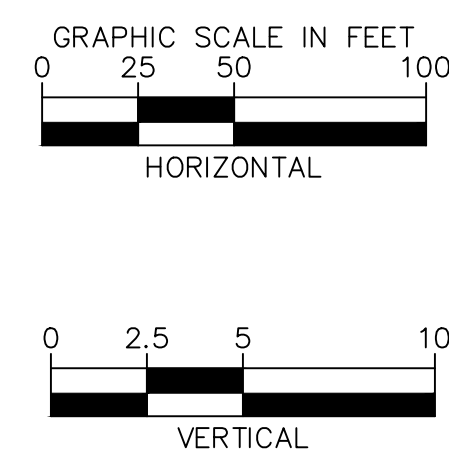


GRAPHIC SCALE IN FEET

0 25 50 100

1. SEE SHEET C1.2 FOR TYPICAL ROADWAY SECTIONS AND
ROADSIDE DITCH CONFIGURATIONS AS LABELED IN PLAN VIEW.

KEYMAP
SCALE 1":1000'



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ALAMAR PLAN AND PROFILE

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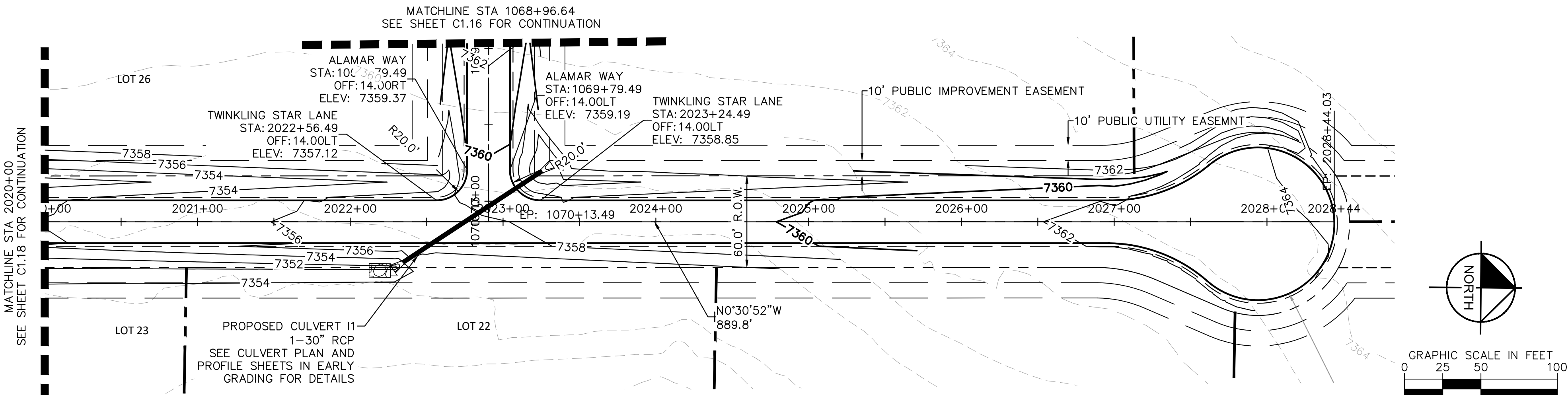
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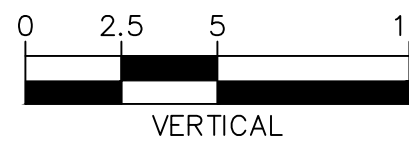
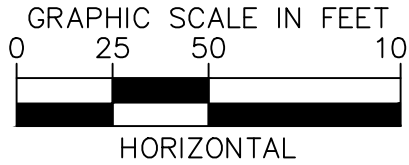
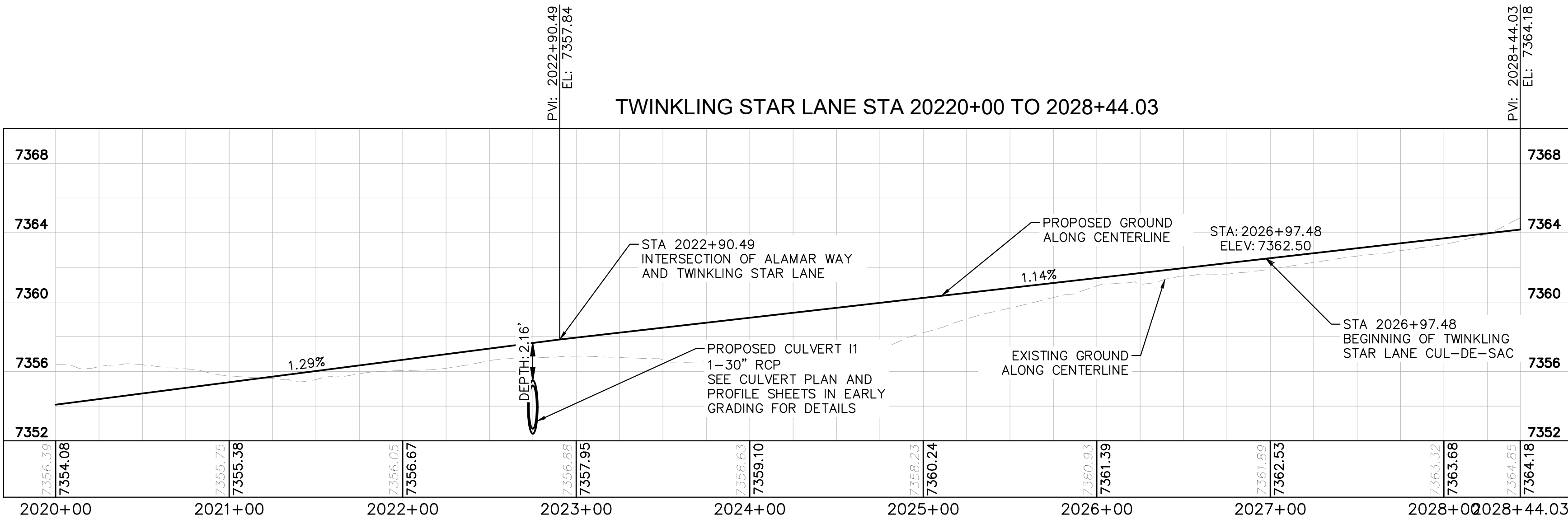
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2 North Nevada Avenue Suite 300
Colorado Springs, Colorado 80903 (719) 451-1100

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CHECKED BY: KRK
DATE: 9/3/2021

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TWINKLING STAR LANE STA 20220+00 TO 2028+44.00



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EL PASO COUNTY, COLORADO
CONSTRUCTION DOCUMENTS
TWINKLING STAR PLAN AND PROFILE

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196106001

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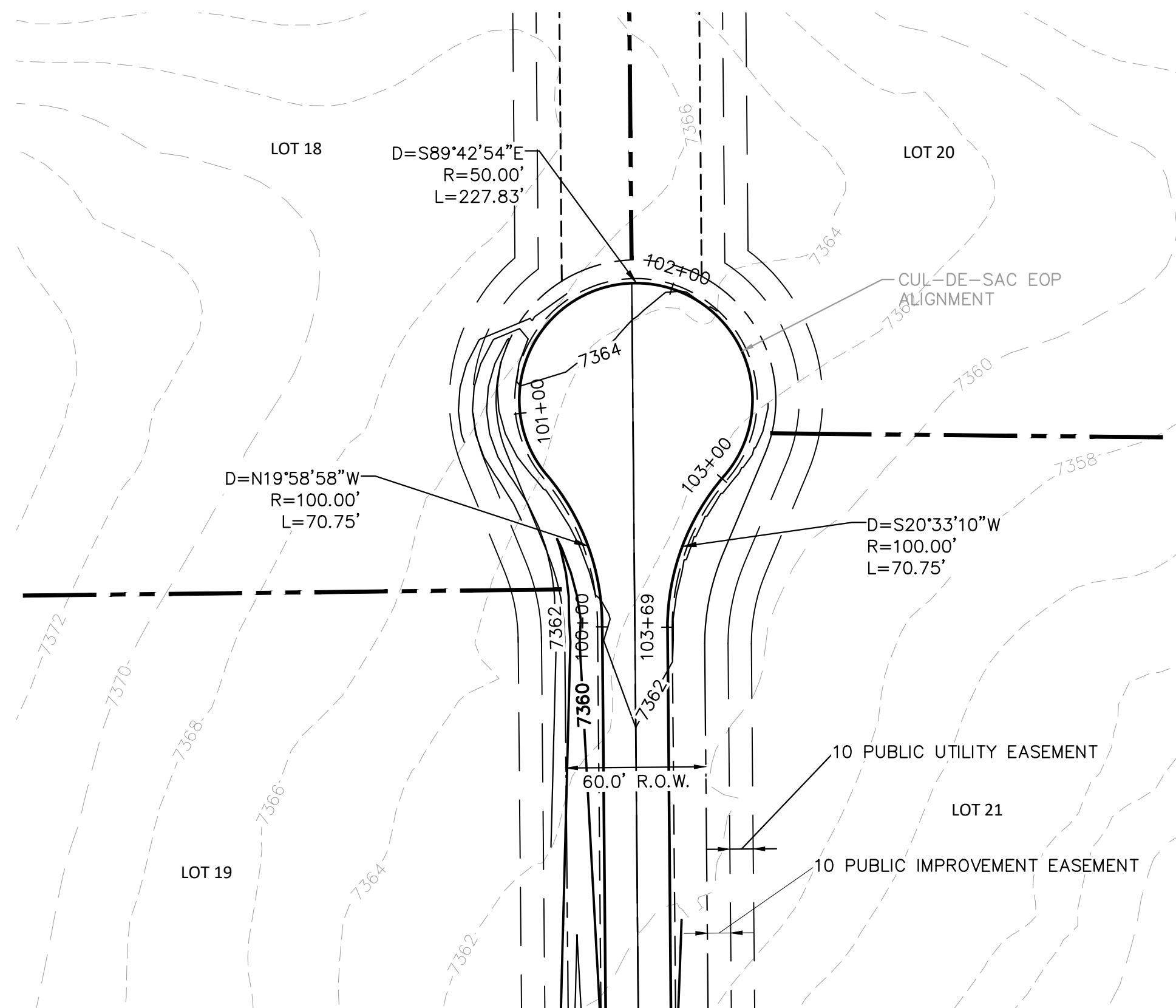
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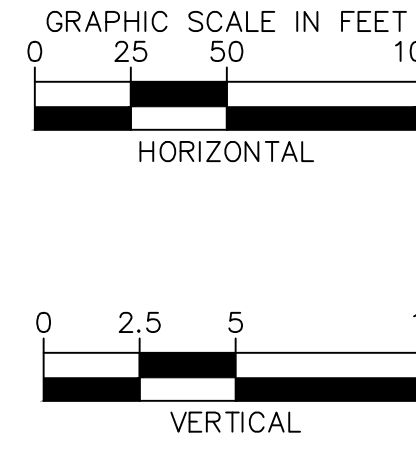
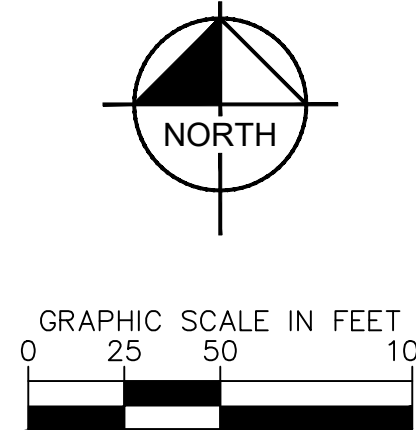
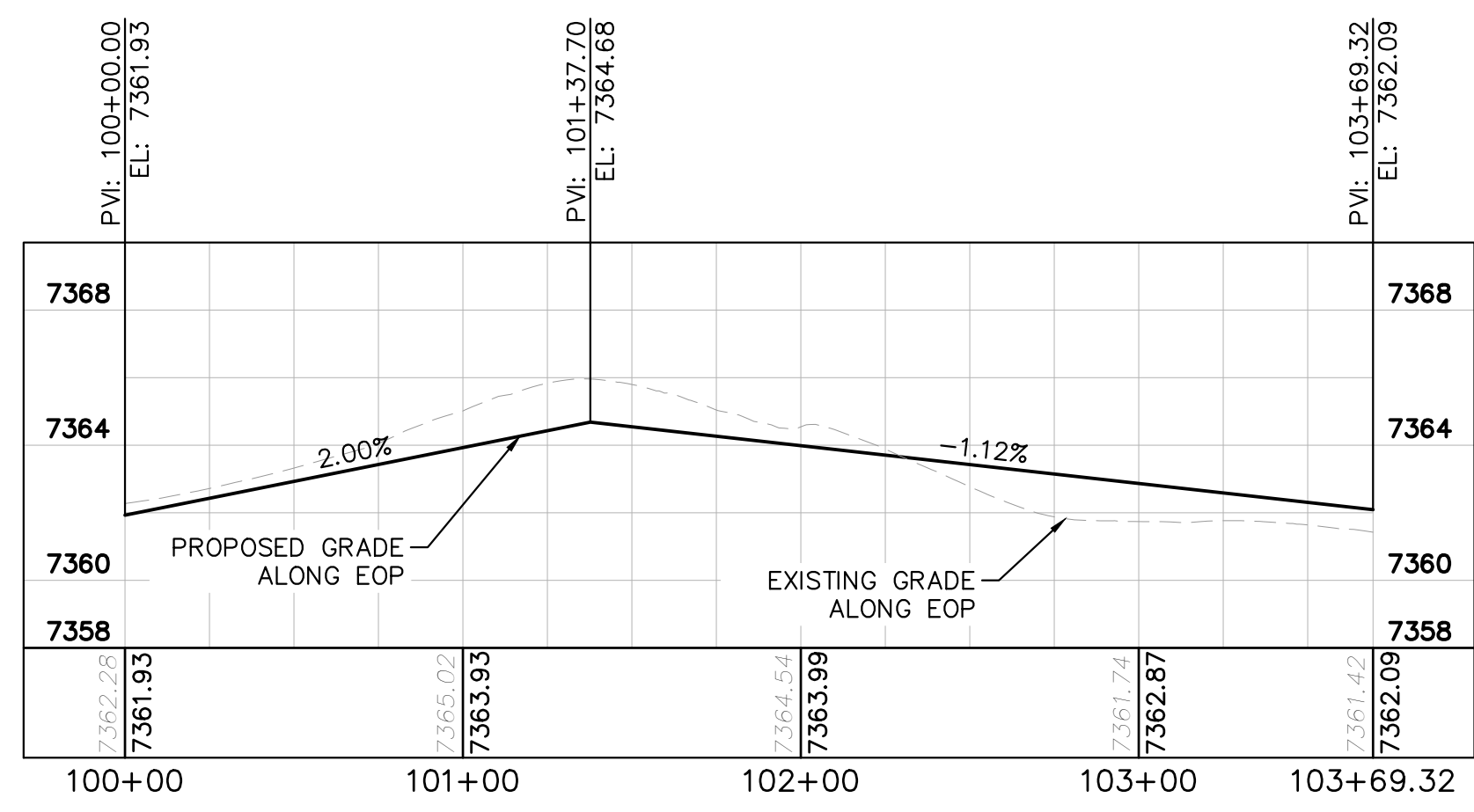
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DRAWN BY: JRH
CHECKED BY: KRK
DATE: 9/3/2021

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TWINKLING STAR LANE CUL-DE-SAC



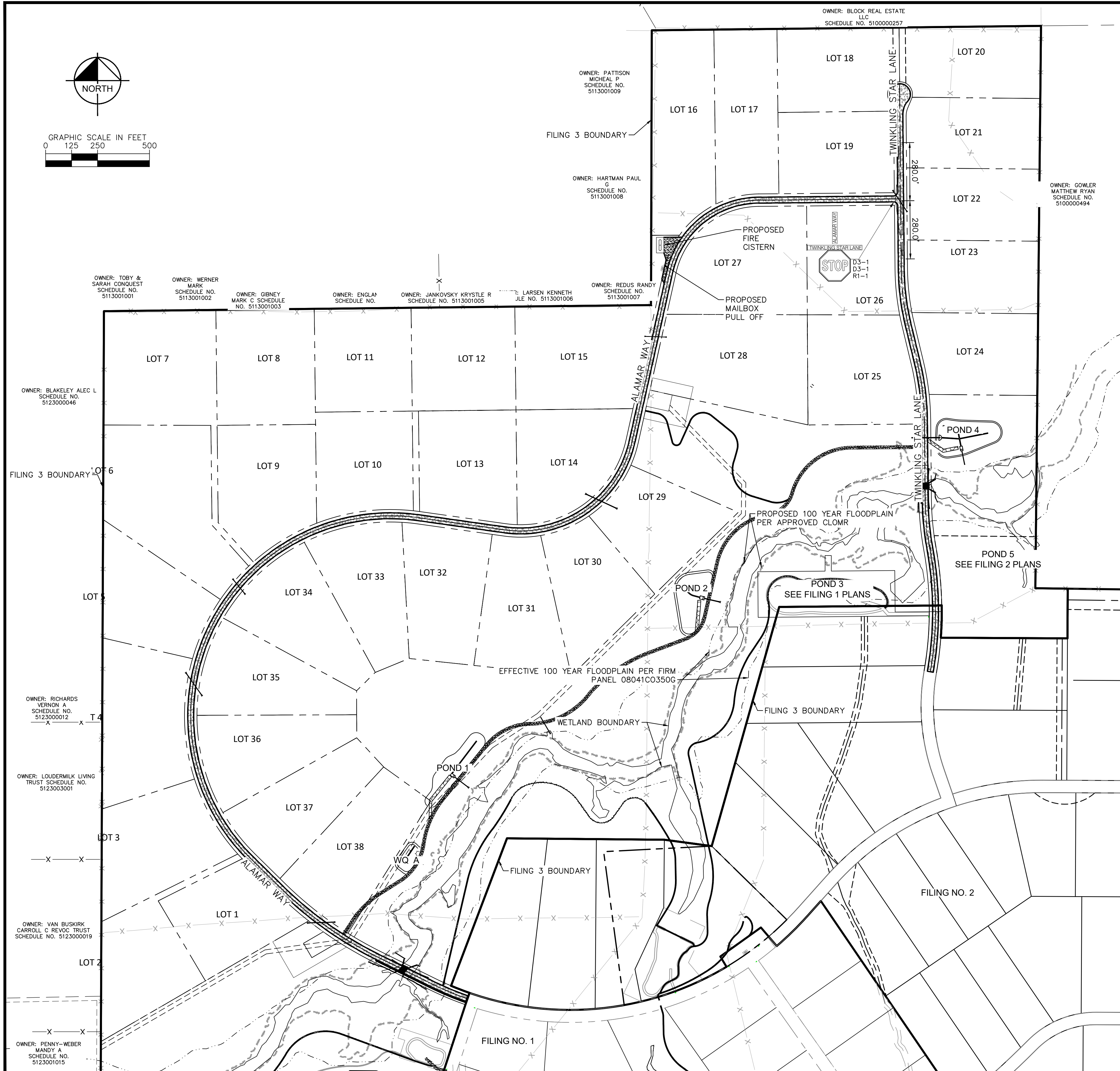
LEGEND

- LOT BOUNDARY LINE
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- STREET CROSS SECTION (SEE SHEET C1.2 FOR DETAILS)
- PROPOSED STORM LINE
- UTILITY EASEMENT
- R.O.W. LINE
- EDGE OF PAVEMENT



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DESIGNED BY: KRK	NO.
DRAWN BY: JRH	BY
CHECKED BY: KRK	DATE
DATE: 9/3/2021	APPR.
WINSOME FILING NO. 3 EL PASO COUNTY, COLORADO CONSTRUCTION DOCUMENTS CUL-DE-SAC PLAN AND PROFILE	
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PROJECT NO. 196106001	
SHEET C1.20	

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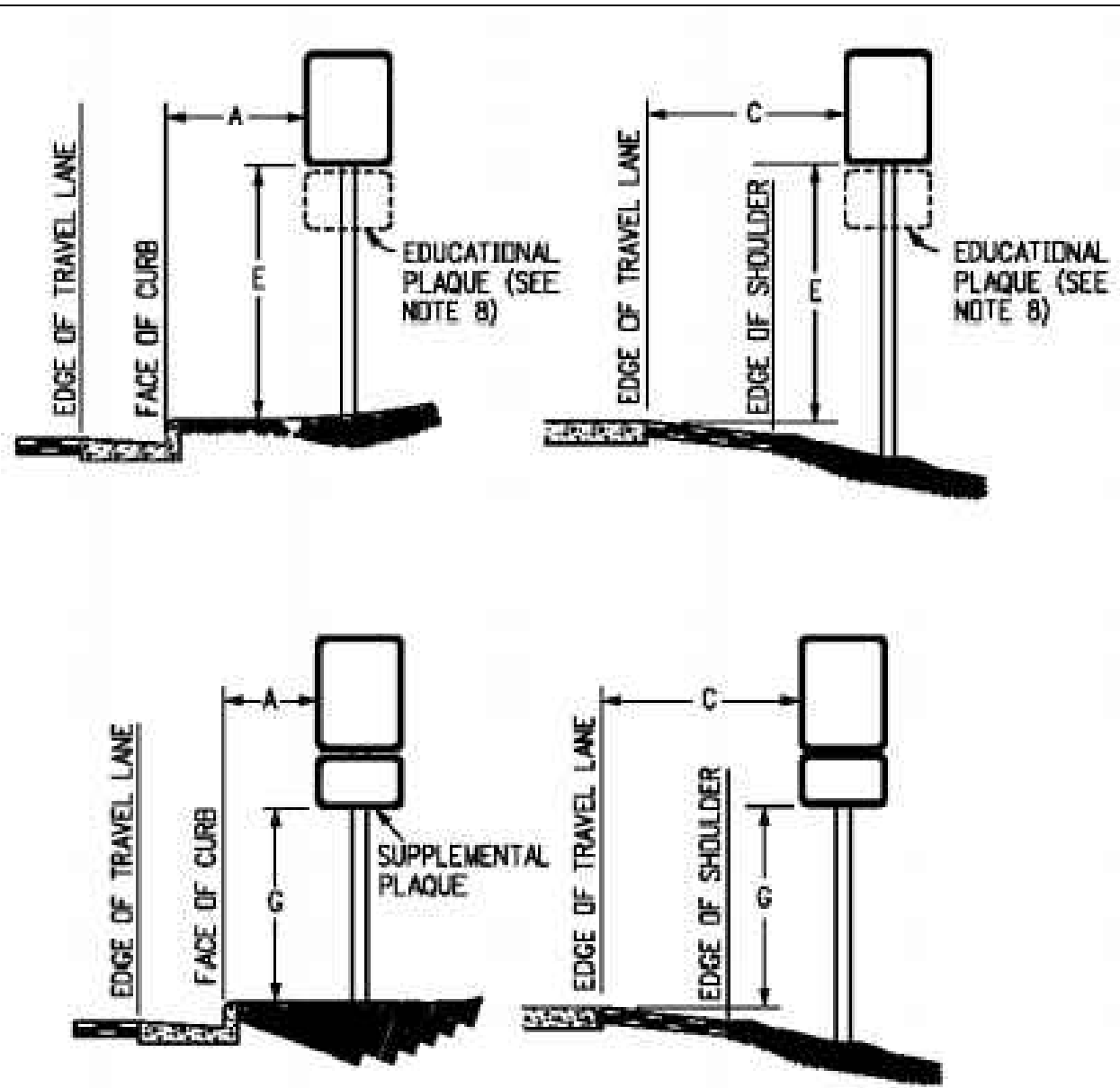


LEGEND

- PROPERTY LINE
- PROPOSED R.O.W.
- PROPOSED ASPHALT PAVEMENT
- PROPOSED CLASS II GROUND MOUNT SIGN

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.
- 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.
- 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 (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 (DPW) PRIOR TO ANY SIGNAGE OR STRIPING WORK WITHIN AN EXISTING EL PASO COUNTY ROADWAY.



REGULATORY, RECREATIONAL AND CULTURAL INFORMATION SIGN PLACEMENT

PLACEMENT TABLES

LATERAL PLACEMENT			VERTICAL PLACEMENT					
KEY	ALL CLASSES OF STREETS AND HIGHWAYS		FREWAYS AND EXPRESSWAYS		CONVENTIONAL STREETS AND HIGHWAYS			
	MINIMUM	NORMAL	MIN.		URBAN		RURAL	
A	2'-0"	15'-0" PLUS CURB	D	7'-0" OR NOTE NO. 9	12'-0"	7'-0"	8'-0"	5'-0"
B	2'-0"	30'-0" OR MORE INCLUDES CURB	E	7'-0"	8'-0"	7'-0"	8'-0"	5'-0"
C	2'-0"	8'-0" PLUS EDGE OF 6'-0" WIDE SHOULDER IF NONE, 15'-0" FROM EDGE OF TRAVEL LANE	F	8'-0" OR NOTE NO. 9	12'-0"	8'-0"	9'-0"	5'-0"
			G	8'-0"	7'-0"	8'-0"	7'-0"	4'-0"
			H	5'-0"	10'-0"	8'-0"	7'-0"	4'-0"

Kimley»Horn

2021 KIMLEY-HORN AND ASSOCIATES, INC.
2 North Nevada Avenue Suite 300
Colorado Springs, Colorado 80903 (719) 453-0180

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DRAWN BY: AJL
CHECKED BY: KRK
DATE: 12/16/2021

WINSOME FILING NO. 3
EL PASO COUNTY, COLORADO
CONSTRUCTION DOCUMENTS
SIGNING AND STRIPING PLAN

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PROJECT NO.
196106001

SHEET

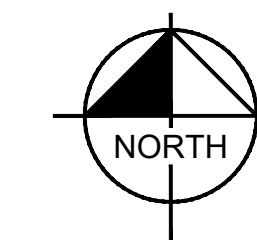
C1.21

This topographic map illustrates a proposed road layout for a 38-lot subdivision. The lots are numbered 1 through 38, arranged in a grid-like fashion. The proposed road is highlighted in red and green, showing its path through the subdivision. The road starts at the bottom left, near Lot 1, and proceeds generally northward, with several curves and branches. It passes through or near lots 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, and 38. The road terminates at the top right, near Lot 18 and Lot 20. The map includes contour lines indicating elevation, with higher elevations (up to 100 feet) shown in the upper right and lower elevations (down to 20 feet) in the lower left. A 'BASIS OF BEARINGS' line is shown on the left side of the map. The road is shown as a solid line with a dashed centerline, and the area between the road and the lot boundaries is shaded in red and green. The map also shows existing structures, including a large building near Lot 30 and a smaller building near Lot 38. The road is shown as a solid line with a dashed centerline, and the area between the road and the lot boundaries is shaded in red and green.

TOTAL CUT: 81605 CY
TOTAL FILL: 84157 CY
NET: 2552 CY (FILL)*
*1.15 FILL FACTOR APPLIED

CUT AREA

FILL AREA



GRAPHIC SCALE IN FEET
0 125 250 500

[illegible]

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2 North Nevada Avenue, Suite 300
Colorado Springs, Colorado 80903 (719) 453-0180

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WINSOME FILING NO. 3
EL PASO COUNTY, COLORADO
PRE DEVELOPMENT GESC PLAN
CUT AND FILL MAP

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PROJECT NO. 196106001

SHEET
C1.22

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MATCH LINE: SEE SHEET 1.8 FOR CONTINUATION

OWNER: RICHARDS
VERNON A
SCHEDULE NO.
5123000012

OWNER: LOUDERMILK
LIVING TRUST
SCHEDULE NO.
5123003001

OWNER: VAN
BUSKIRK CARROLL C
REVOC TRUST
SCHEDULE NO.
5123000019

OWNER:
PENNY-WEBER
MANDY A
SCHEDULE NO.
5123001015

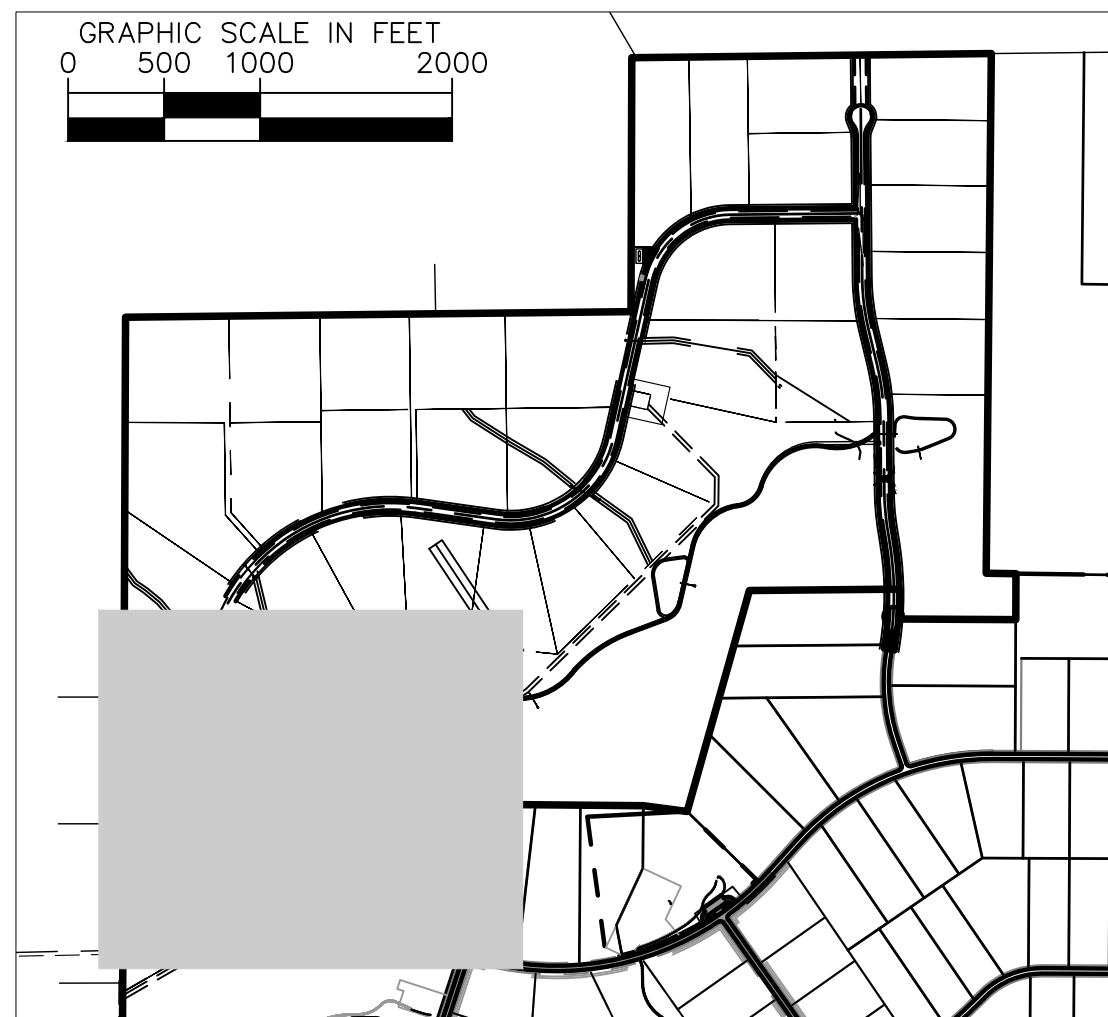
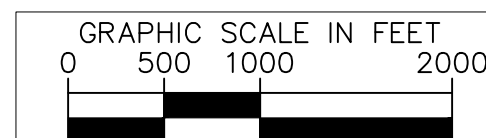


LEGEND

- LOT BOUNDARY LINE
- XXXX EXISTING MAJOR CONTOUR
- XXXX EXISTING MINOR CONTOUR
- XXXX PROPOSED MAJOR CONTOUR
- XXXX PROPOSED MINOR CONTOUR
- LOD LIMITS OF CONSTRUCTION/DISTURBANCE
- CF CONSTRUCTION FENCE
- SF SILT FENCE
- CUT/FILL DEMARCATION
- SP SOIL STOCKPILE
- SSA STABILIZED STAGING AREA
- VTC VEHICLE TRACKING CONTROL
- GRAVEL MAINTENANCE ROAD
- TEMPORARY SEDIMENT BASIN
- ECB EROSION CONTROL BLANKET
- SM PERMANENT SEEDING/MULCHING
- AWA ASPHALT ROADWAY
- CWA CONCRETE WASHOUT
- EXISTING FLOW DIRECTION ARROW
- IP INLET PROTECTION

NOTES

- THE INTENT OF THIS PLAN IS TO IDENTIFY THE EROSION CONTROL PRACTICES RECOMMENDED. THE CONTRACTOR SHALL REFERENCE ADDITIONAL CONSTRUCTION PLANS FOR DEMOLITION OF EXISTING AND CONSTRUCTION OF PROPOSED IMPROVEMENTS.
- ADJACENT STREETS SHALL BE KEPT CLEAN AND FREE OF SEDIMENT AND/OR DEBRIS AT ALL TIMES.
- TEMPORARY STABILIZATION (TS) SHALL BE IMPLEMENTED WITHIN THE DISTURBED PORTIONS OF THE PROJECT SITE NO LATER THAN 14 DAYS FOLLOWING THE CEASE OF CONSTRUCTION ACTIVITIES WITHIN THE DISTURBED AREAS.
- PERMANENT STABILIZATION (PS) MAY BE USED WITHIN AREAS OF TEMPORARY STABILIZATION (TS) AT THE CONTRACTOR'S DISCRETION. STABILIZATION SHALL BE APPLIED IN ACCORDANCE WITH APPLICABLE TEMPORARY STABILIZATION SEQUENCING REQUIREMENTS.
- CONTRACTOR SHALL UTILIZE ROLLED EROSION CONTROL PRODUCTS (STRAW-SINGLE NET EROSION CONTROL BLANKETS AND OPEN WEAVE TEXTILES) ON ALL SLOPES 3H:1V OR GREATER TO ACHIEVE REQUIRED STABILIZATION.
- CONTRACTOR SHALL MAINTAIN ACCEPTABLE EROSION CONTROL PRACTICES WITHIN THE ANTICIPATED LIMITS OF CONSTRUCTION IDENTIFIED HEREIN. BEST MANAGEMENT PRACTICES AND STABILIZATION SHALL BE COMPLETED AS IDENTIFIED HEREIN IN ACCORDANCE WITH OWNER REQUIREMENTS.
- ALL WORK IN THE HODGEN ROAD AND MERDIAN ROAD ROW REQUIRES A ROW PERMIT FROM EL PASO COUNTY. CONTRACTOR IS RESPONSIBLE FOR APPLYING FOR AND OBTAINING ALL NECESSARY ROW PERMITS.
- SILT FENCE TO BE INSTALLED PRIOR TO COMMENCEMENT OF ONSITE GRADING AND CONSTRUCTION ACTIVITIES.
- DEMOLITION, REMOVAL, OVEREXCAVATION AND SOIL TREATMENT SHALL BE IN ACCORDANCE WITH THE GEOTECHNICAL ENGINEER RECOMMENDATIONS AS NOTED IN THE APPROVED PROJECT GEOTECHNICAL REPORT.
- VEGETATION COVER IS ABOUT 90% CONSISTING OF NATIVE GRASSES, TREES AND SHRUBS, BASED ON VISUAL INSPECTION.
- NO ASPHALT OR CONCRETE BATCH PLANTS SHALL BE USED FOR THIS PROJECT.
- CHECK DAMS TO BE PLACED IN TEMPORARY AND PERMANENT DRAINAGE SWALES AND ROADSIDE DITCHES AND TO BE SPACED AS DEEMED NECESSARY. RIRPRAP IN CHECK DAMS TO BE SUBSTITUTED WITH SCL.



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EL PASO COUNTY, COLORADO
PRE DEVELOPMENT GESC PLAN
GEC FINAL PLAN

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Kimley-Horn and Associates, Inc.

PROJECT NO.
196106001

SHEET

C1.23

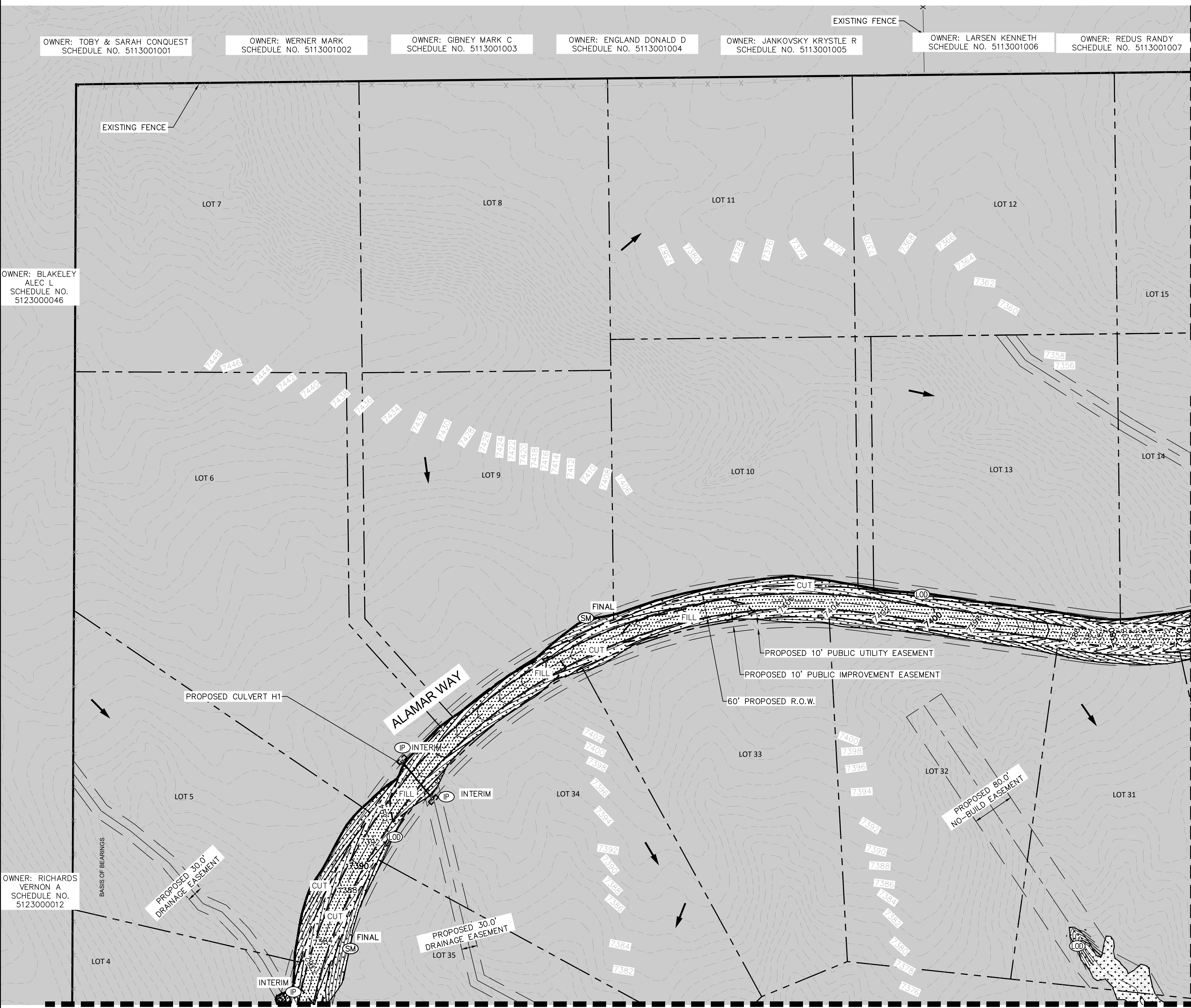
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Colorado Springs, Colorado 80903 (719) 453-0180







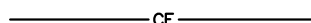



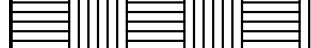



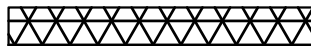
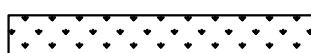
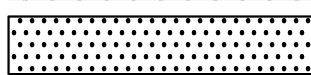



DESIGNED BY: KRK
DRAWN BY: AUL
CHECKED BY: KRK
DATE: 12/10/2021

BY DATE APPR

2/22/2021 1:24 PM

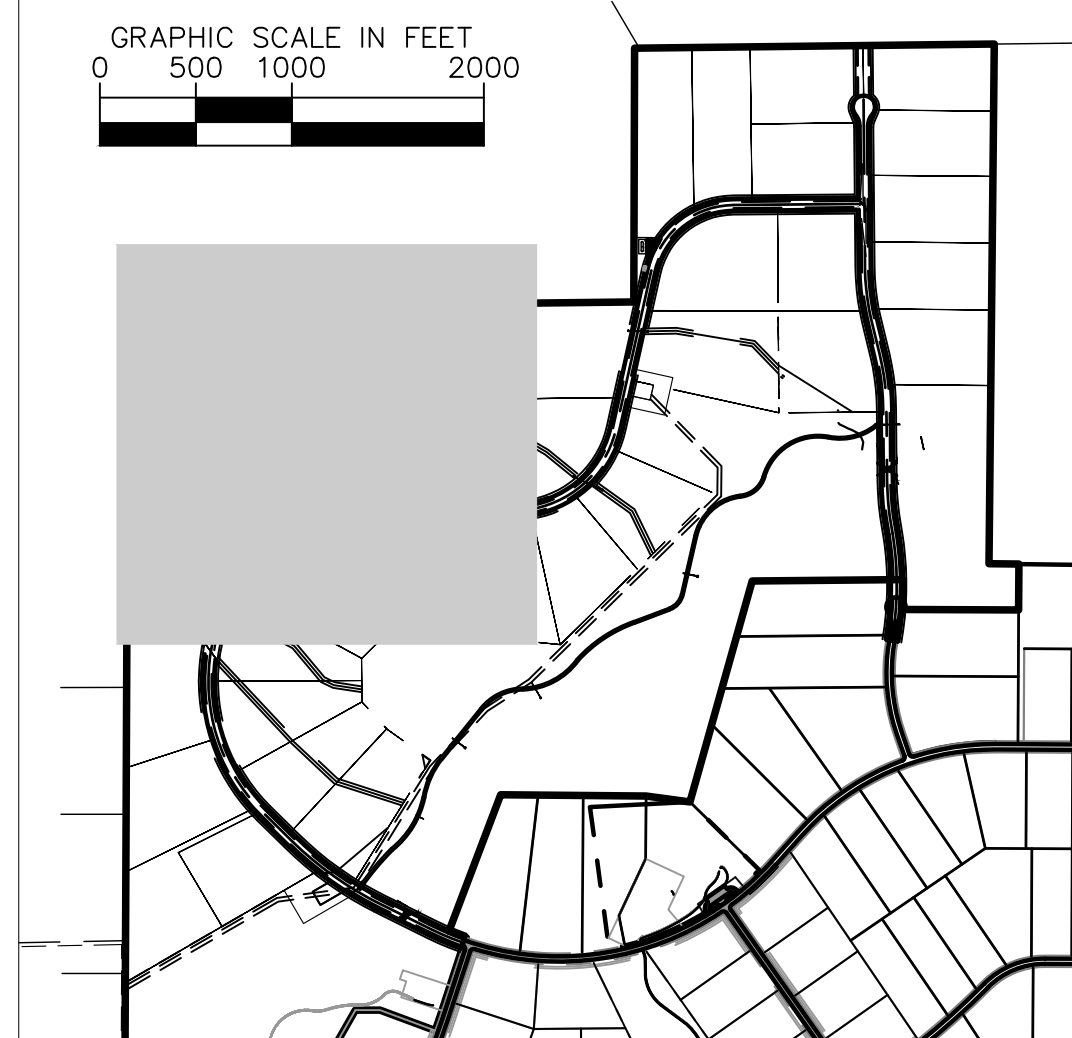
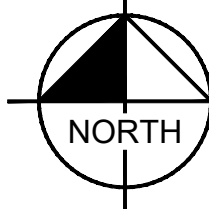
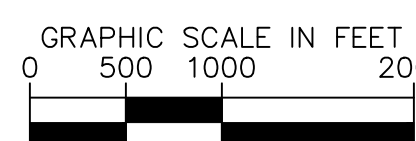


LEGEND

- | | |
|---|--|
|  | LOT BOUNDARY LINE |
|  | EXISTING MAJOR CONTOUR |
|  | EXISTING MINOR CONTOUR |
|  | PROPOSED MAJOR CONTOUR |
|  | PROPOSED MINOR CONTOUR |
|  | (LOD) LIMITS OF CONSTRUCTION/DISTURBANCE |
|  | (CF) CONSTRUCTION FENCE |
|  | (SF) SILT FENCE |
|  | CUT/FILL DEMARCATION |
|  | (SP) SOIL STOCKPILE |
|  | (SSA) STABILIZED STAGING AREA |
|  | (VTC) VEHICLE TRACKING CONTROL |
|  | GRAVEL MAINTENANCE ROAD |
|  | TEMPORARY SEDIMENT BASIN |
|  | (ECB) EROSION CONTROL BLANKET |
|  | (SM) PERMANENT SEEDING/MULCHING |
|  | ASPHALT ROADWAY |
|  | (CWA) CONCRETE WASHOUT |
|  | EXISTING FLOW DIRECTION ARROW |
|  | (IP) INLET PROTECTION |

NOTES

1. THE INTENT OF THIS PLAN IS TO IDENTIFY THE EROSION CONTROL PRACTICES RECOMMENDED. THE CONTRACTOR SHALL REFERENCE ADDITIONAL CONSTRUCTION PLANS FOR DEMOLITION OF EXISTING AND CONSTRUCTION OF PROPOSED IMPROVEMENTS.
2. ADJACENT STREETS SHALL BE KEPT CLEAN AND FREE OF SEDIMENT AND/OR DEBRIS AT ALL TIMES.
3. TEMPORARY STABILIZATION (TS) SHALL BE IMPLEMENTED WITHIN THE DISTURBED PORTIONS OF THE PROJECT SITE NO LATER THAN 14 DAYS FOLLOWING THE CEASE OF CONSTRUCTION ACTIVITIES WITHIN THE DISTURBED AREAS.
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5. CONTRACTOR SHALL UTILIZE ROLLED EROSION CONTROL PRODUCTS (STRAW-SINGLE NET EROSION CONTROL BLANKETS AND OPEN WEAVE TEXTILES) ON ALL SLOPES 3H:1V OR GREATER TO ACHIEVE REQUIRED STABILIZATION.
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7. ALL WORK IN THE HODGEN ROAD AND MERIDIAN ROAD ROW REQUIRES A ROW PERMIT FROM EL PASO COUNTY. CONTRACTOR IS RESPONSIBLE FOR APPLYING FOR AND OBTAINING ALL NECESSARY ROW PERMITS.
8. ALL EROSION CONTROL SHALL BE INSTALLED PRIOR TO COMMENCEMENT OF ONSITE GRADING AND CONSTRUCTION ACTIVITIES.
9. DEMOLITION, REMOVAL, OVEREXCAVATION AND SOIL TREATMENT SHALL BE IN ACCORDANCE WITH THE GEOTECHNICAL ENGINEER RECOMMENDATIONS AS NOTED IN THE APPROVED PROJECT GEOTECHNICAL REPORT.
10. VEGETATION COVER IS ABOUT 90% CONSISTING OF NATIVE GRASSES, TREES AND SHRUBS, BASED ON VISUAL INSPECTION
11. NO ASPHALT OR CONCRETE BATCH PLANTS SHALL BE USED FOR THIS PROJECT.
12. CHECK DAMS TO BE PLACED IN TEMPORARY AND PERMANENT DRAINAGE SWALES AND ROADSIDE DITCHES AND TO BE SPACED AS DEEMED NECESSARY. RIPRAP TO BE PLACED IN TEMPORARY AND PERMANENT DRAINAGE SWALES AND ROADSIDE DITCHES AND TO BE SPACED AS DEEMED NECESSARY.



**WINNIE FILING NO. 3
PASO COUNTY, COLORADO
DEVELOPMENT GESC PLAN
GEC FINAL PLAN**

Kimley»Horn

©2021 KIMLEY-HORN AND ASSOCIATES, INC.
22 North Nevada Avenue Suite 300
Colorado Springs, Colorado 80903 (719) 451-1111

DESIGNED BY: KRK
DRAWN BY: AJL
CHECKED BY: KRK
DATE: 12/10/2022

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NOT FOR
CONSTRUCTION
Kimley»Horn
Kimley Horn and Associates, Inc.

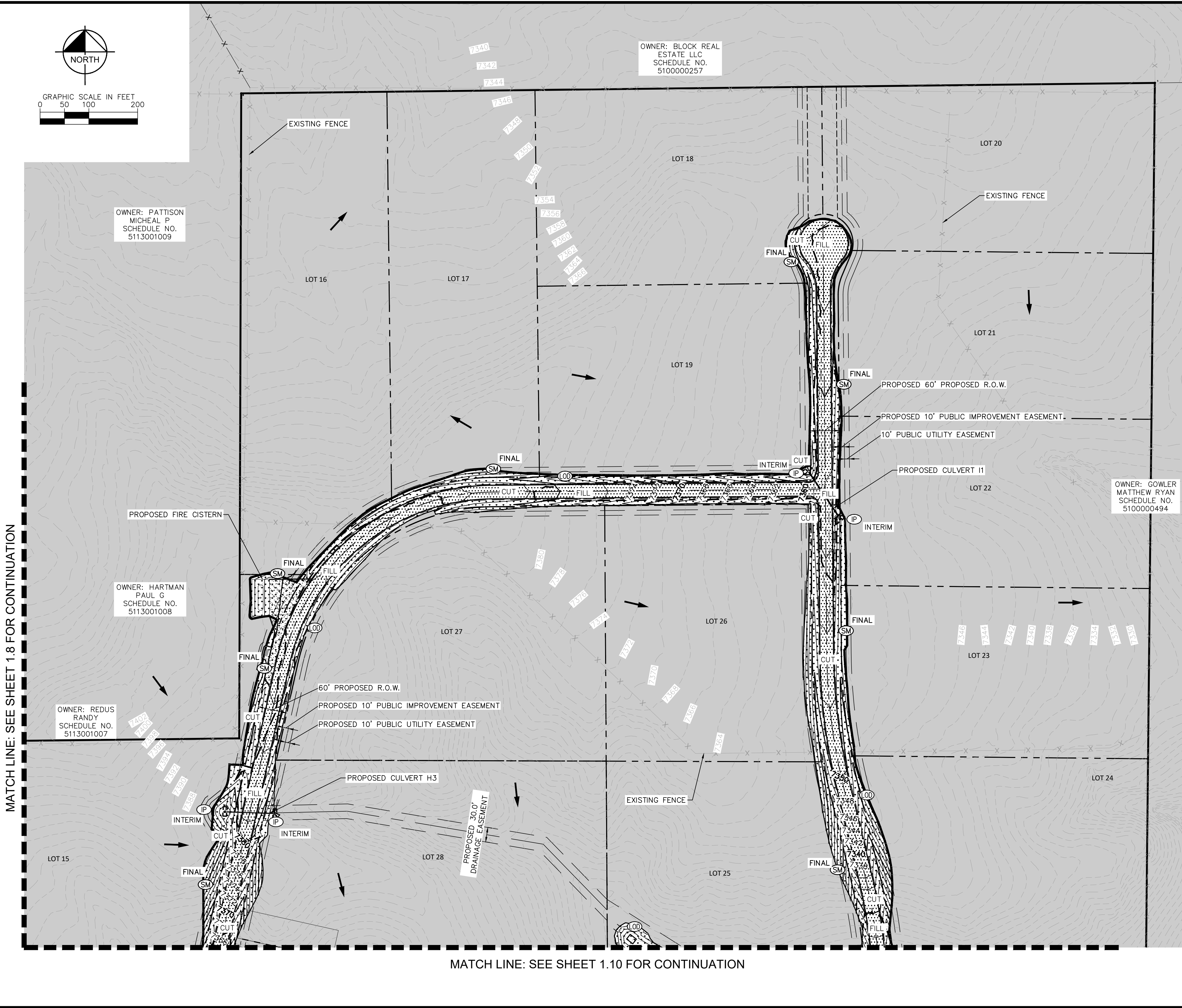
PROJECT NO.
106106001

SHEET

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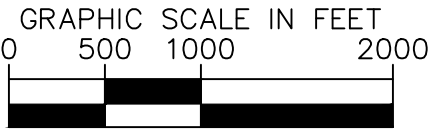


MATCH LINE: SEE SHEET 1.10 FOR CONTINUATION

- LEGEND**
- LOT BOUNDARY LINE
 - EXISTING MAJOR CONTOUR
 - EXISTING MINOR CONTOUR
 - PROPOSED MAJOR CONTOUR
 - PROPOSED MINOR CONTOUR
 - LIMITS OF CONSTRUCTION/DISTURBANCE
 - CONSTRUCTION FENCE
 - SILT FENCE
 - CUT/FILL DEMARCATION
 - SOIL STOCKPILE
 - STABILIZED STAGING AREA
 - VEHICLE TRACKING CONTROL
 - GRAVEL MAINTENANCE ROAD
 - TEMPORARY SEDIMENT BASIN
 - EROSION CONTROL BLANKET
 - PERMANENT SEEDING/MULCHING
 - ASPHALT ROADWAY
 - CONCRETE WASHOUT
 - EXISTING FLOW DIRECTION ARROW
 - INLET PROTECTION

NOTES

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- VEGETATION COVER IS ABOUT 90% CONSISTING OF NATIVE GRASSES, TREES AND SHRUBS, BASED ON VISUAL INSPECTION
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- CHECK DAMS TO BE PLACED IN TEMPORARY AND PERMANENT DRAINAGE SWALES AND ROADSIDE DITCHES AND TO BE SPACED AS DEEMED NECESSARY. RIRPRAP IN CHECK DAMS TO BE SUBSTITUTED WITH SCL.



WINSOME FILING NO. 3
EL PASO COUNTY, COLORADO
PRE DEVELOPMENT GESC PLAN
GEC FINAL PLAN

Kimley»Horn

2021 KIMLEY-HORN AND ASSOCIATES, INC.
2 North Nevada Avenue Suite 300
Colorado Springs, Colorado 80903 (719) 453-0180

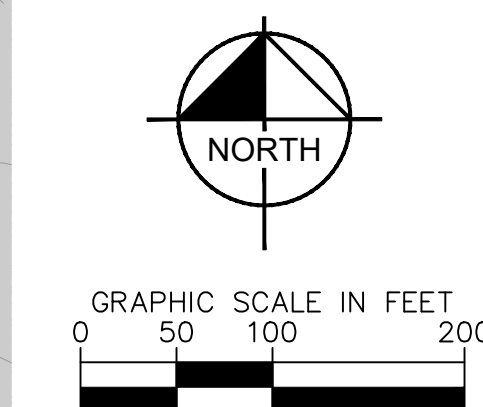
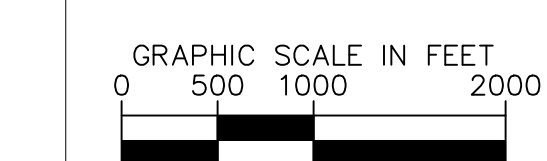
DESIGNED BY: KRK
DRAWN BY: AUL
CHECKED BY: KRK
DATE: 12/10/2021

PRELIMINARY
FOR REVIEW ONLY
NOT FOR
CONSTRUCTION

PROJECT NO.
196106001

SHEET
C1.25

NO. REVISION BY DATE APPR



	LOT BOUNDARY LINE
	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR
	PROPOSED MAJOR CONTOUR
	PROPOSED MINOR CONTOUR
	(LOD) LIMITS OF CONSTRUCTION/DISTURBANCE
	(CF) CONSTRUCTION FENCE
	(SF) SILT FENCE
	CUT/FILL DEMARCATION
	(SP) SOIL STOCKPILE
	(SSA) STABILIZED STAGING AREA
	(VTC) VEHICLE TRACKING CONTROL
	GRAVEL MAINTENANCE ROAD
	TEMPORARY SEDIMENT BASIN
	(ECB) EROSION CONTROL BLANKET
	(SM) PERMANENT SEEDING/MULCHING
	ASPHALT ROADWAY
	(CWA) CONCRETE WASHOUT
	EXISTING FLOW DIRECTION ARROW
	(IP) INLET PROTECTION

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7. ALL WORK IN THE HODGEN ROAD AND MERDIAN ROAD ROW REQUIRES A ROW PERMIT FROM THE MISSOURI DEPARTMENT OF TRANSPORTATION. CONTRACTOR IS RESPONSIBLE FOR APPLYING FOR AND OBTAINING ALL NECESSARY ROW PERMITS.
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11. NO SALT OR CONCRETE BATCH PLANTS SHALL BE USED FOR THIS PROJECT.
12. CHECK DAMS TO BE PLACED IN TEMPORARY AND PERMANENT DRAINAGE SWALES AND ROADSIDE DITCHES AND TO BE SPACED AS DEEMED NECESSARY. RIPRAP IN CHECK DAMS TO BE SUBSTITUTED WITH SOL.

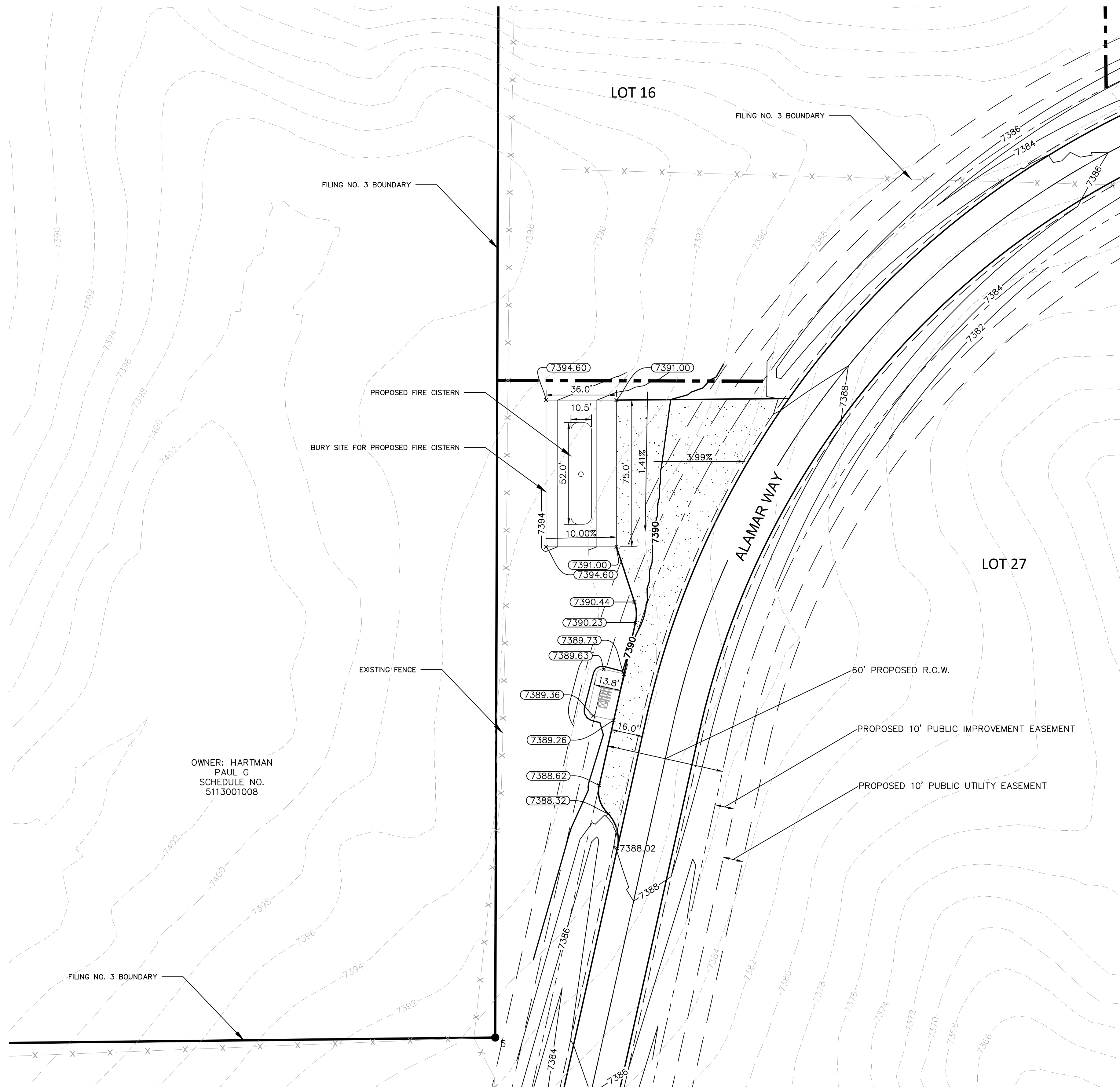
Kimley»»Horn

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CONSTRUCTION
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Kimley-Horn and Associates, Inc.

SHEET

C1.26

2021 KIMLEY-HORN AND ASSOCIATES, INC.
2 North Nevada Avenue Suite 300
Colorado Springs, Colorado 80903 (719) 453-0180

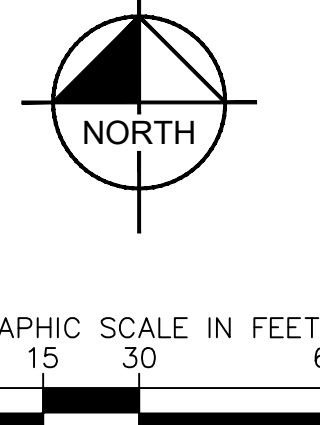


LEGEND

— — — — —	LOT BOUNDARY LINE
— — — — XXXX — — — —	EXISTING MAJOR CONTOUR
— — — — XXXX — — — —	EXISTING MINOR CONTOUR
— — — — XXXX — — — —	PROPOSED MAJOR CONTOUR
— — — — XXXX — — — —	PROPOSED MINOR CONTOUR
— — — — —	EDGE OF PAVEMENT
— — — — —	ROADWAY SHOULDER
— — — — —	PROPOSED R.O.W.
— — — — —	PROPOSED EASEMENTS

NOTES

1. PROPOSED FIRE CISTERN WILL BE DARCO 30,000 GAL FIBERGLASS TANK AS PER FALCON FIRE.
2. MINIMUM BURY DEPTH OF 36"
3. TANK WILL BE INSTALLED USING SIDE HILL BURY INSTALLATION AS PER DARCO FIBERGLASS UNDERGROUND WATER STORAGE TANK INSTALLATION MANUAL.
4. TANK AND INSTALLATION DETAILS CAN BE FOUND ON SHEET C1.28



Kimley»»Horn
2021 KIMLEY-HORN AND ASSOCIATES, INC.
2 North Nevada Avenue Suite 300
Colorado Springs, Colorado 80903 (719) 453-0180

DESIGNED BY: KRK
DRAWN BY: AJL
CHECKED BY: KRK
DATE: 12/10/2021

WINSOME FILING NO. 3
EL PASO COUNTY, COLORADO
PRE DEVELOPMENT GESC PLAN
FIRE CISTERN PLAN

PRELIMINARY
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NOT FOR
CONSTRUCTION
Kimley»Horn
Kimley-Horn and Associates, Inc.

PROJECT NO.
196106001

SHEET
C1.27

[illegible]

TO FIRM Falcon Fire Protection District PROJECT Falcon FD Minimum Draft QUOTE # A07205-R2 DATE 09.18.08	
PHONE FAX EMAIL	SITE LOCATION Falcon Fire District COUNTY El Paso
STANDARD D-5 NOM. CAPACITY 30,000 NOM. WEIGHT 8,000# POTABLE NON-POTABLE X USE Fire Cistern	
INCLUDED WITH THIS FIBERGLASS UNDERGROUND TANK QUOTATION	
1 - 30"x36" manway-hinged or bolted cover	19 - NFPA anti-vortex plate on draw pipe
6 - 4" lockable inspection hatch on manway	25 - Water level gauge (reads in inches)
13 - 6" PVC vent head-screened	
15 - High water level control assembly	
17 - Siamese refill w/2-2.5" NST-FS connections	
18 - 6" NST-F dry hydrant head	
PREPAID PRICE	
TAX ADD 2.9% DEPOSIT 33% with order	
FREIGHT DETAILS ESTIMATED to Falcon, CO	
DELIVERY: 8-10 WEEKS FROM ORDER ACCEPTANCE	
EXCLUDED IN THIS PRICE QUOTATION	
1. INSPECTION, ACCEPTANCE, AND OFFLOAD	
2. INSTALLATION MATERIALS AND LABOR	
3. UNSPECIFIED PIPE, VALVES, AND FITTINGS	
4. PUMPS, CONTROLS, AND LEVEL SENSORS	
5. WIRE ROPE, CLAMPS, AND DEADMAN ANCHOR FORMS	
6.	
BURY DETAILS 36" typical-rated for 60" bury depth WATER SOURCE	
ANTIBUOYANCY APPROVALS Local Fire District	
COMMENTS: Minimum draft design.	

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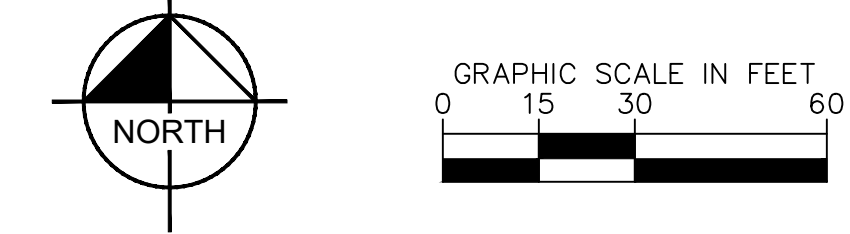
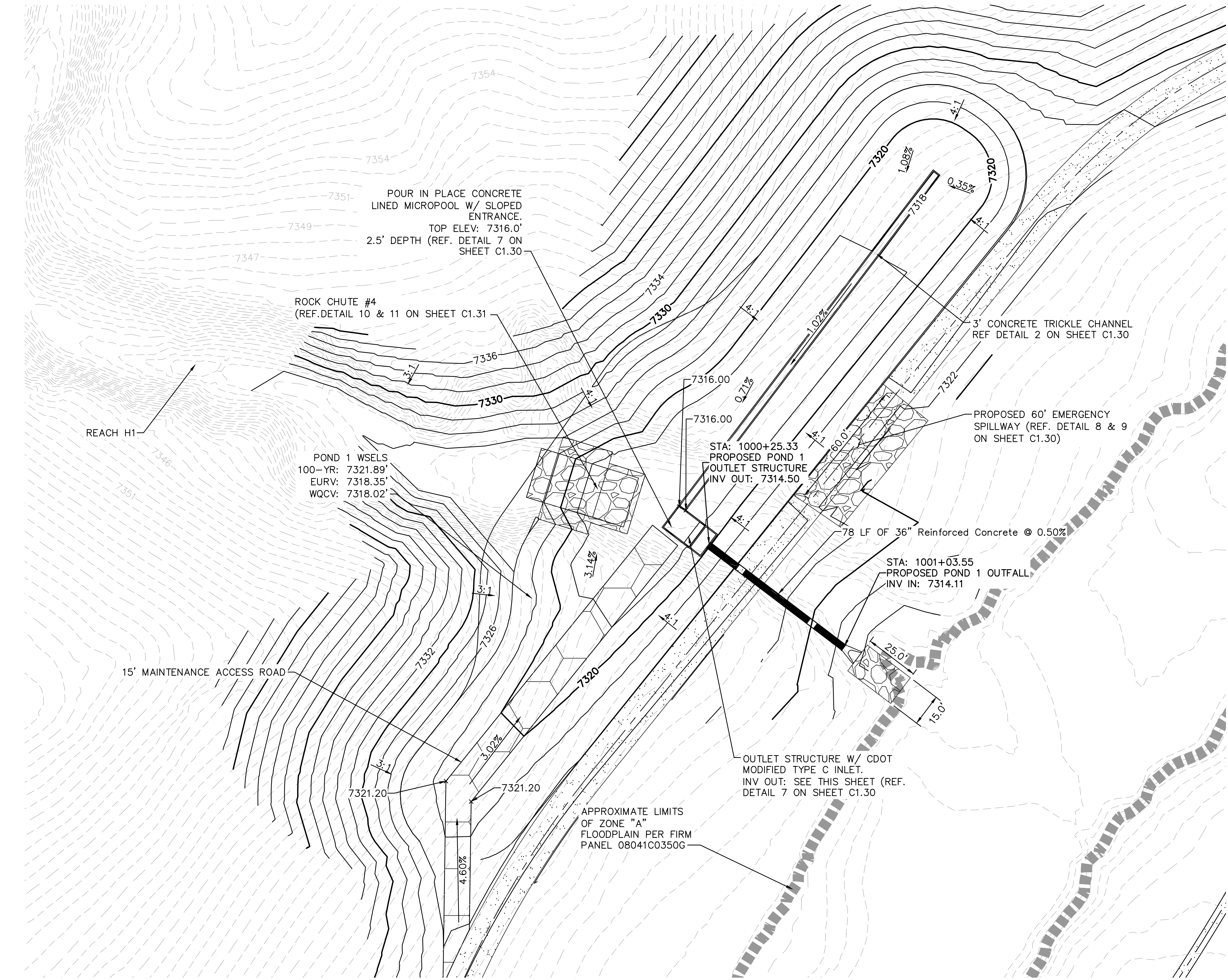
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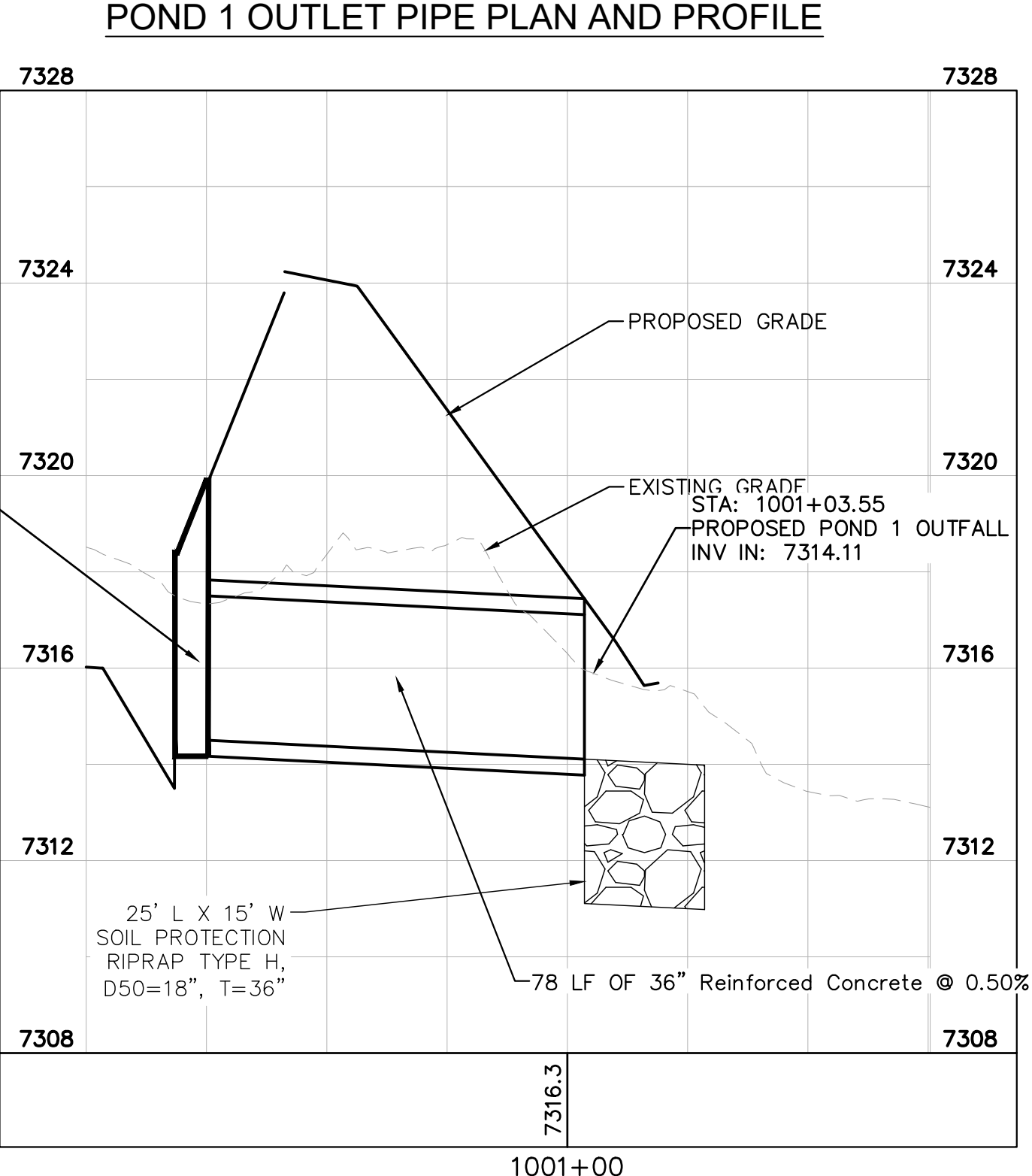
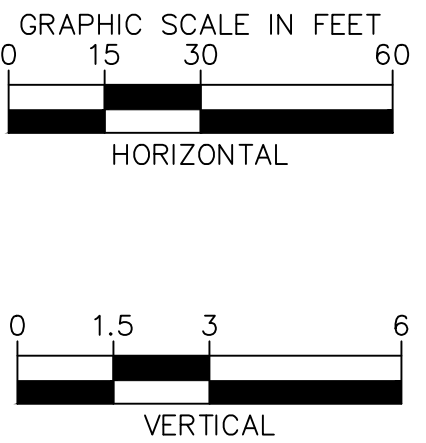
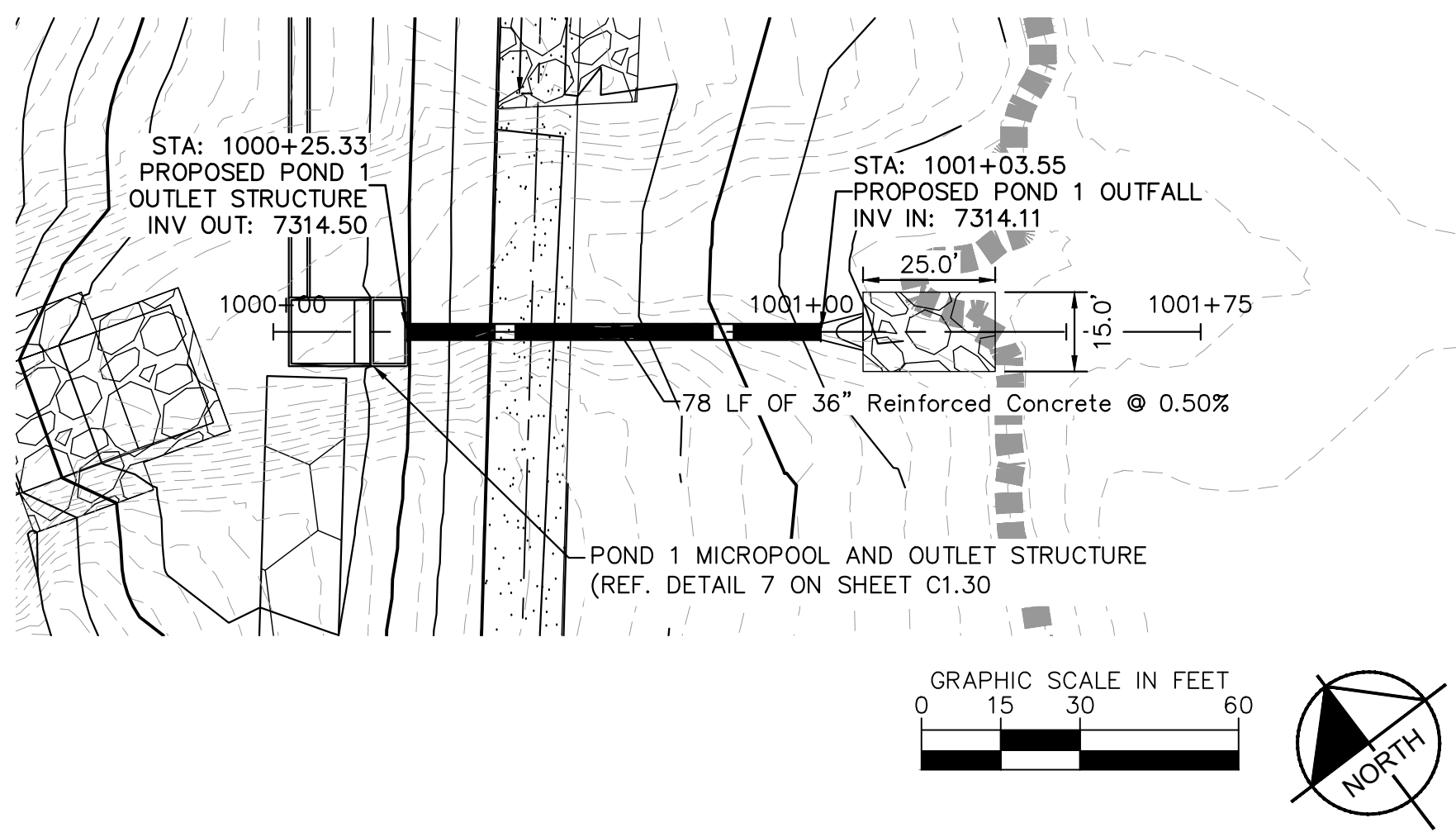
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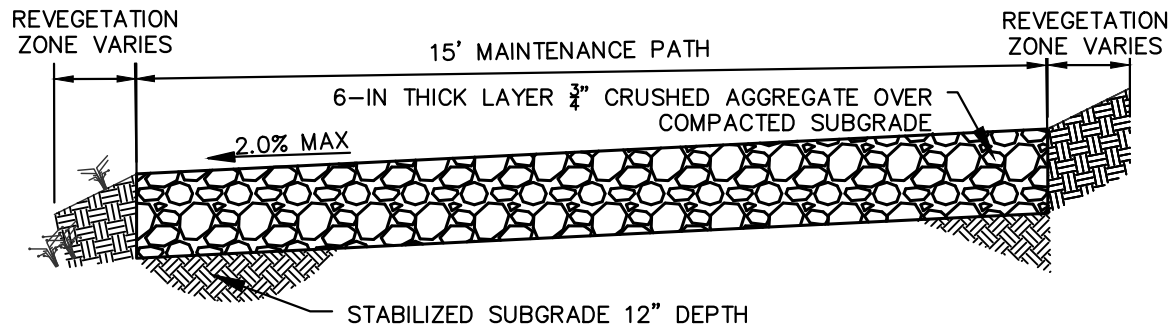


LEGEND	
FG	FINISH GRADE
FBT	TOP OF FOREBAY AT FINISHED GRADE
FBB	BOTTOM OF FOREBAY AT FINISHED GRADE
TCT	TOP OF TRICKLE CHANNEL AT FINISHED GRADE
TCB	BOTTOM OF TRICKLE CHANNEL AT FINISHED GRADE
MPT	TOP OF MICROPOOL AT FINISHED GRADE
MPB	BOTTOM OF MICROPOOL AT FINISHED GRADE
GRATE	OUTLET STRUCTURE GRATE ELEVATION
ME	MATCH EXISTING
PT	TOP OF STEEL PLATE AT FINISHED GRADE
PB	BOTTOM OF STEEL PLATE AT FINISHED GRADE
■■■■■■■■■■	FLOODPLAIN LIMITS
▬	TOP OF POND
▬	PROPOSED STORM SEWER



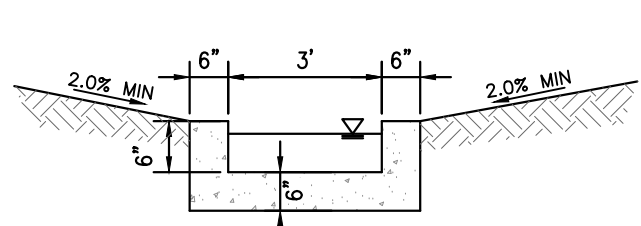
DESIGNED BY: KRK	Kimley»Horn 2021 KIMLEY-HORN AND ASSOCIATES, INC. 2 North Nevada Avenue Suite 300 Colorado Springs, Colorado 80903 (719) 453-0180	NO.	REVISION	BY	DATE	APPR.
DRAWN BY: A.J.L.						
CHECKED BY: KRK						
DATE: 12/16/2021						
WINSOME FILING NO. 3 EL PASO COUNTY, COLORADO CONSTRUCTION DOCUMENTS POND 1 OVERVIEW		PROJECT NO. 196106001				
SHEET C1.29						

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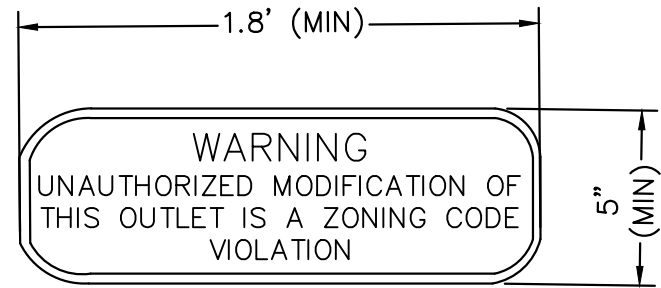
1 MAINTENANCE ROAD

N.T.S.
MAINTENANCE PATH NOTES
1. MAINTENANCE PATH SHALL INCLUDE SUBGRADE PREPARATION, GRAVEL BASE, AND COMPACTION.



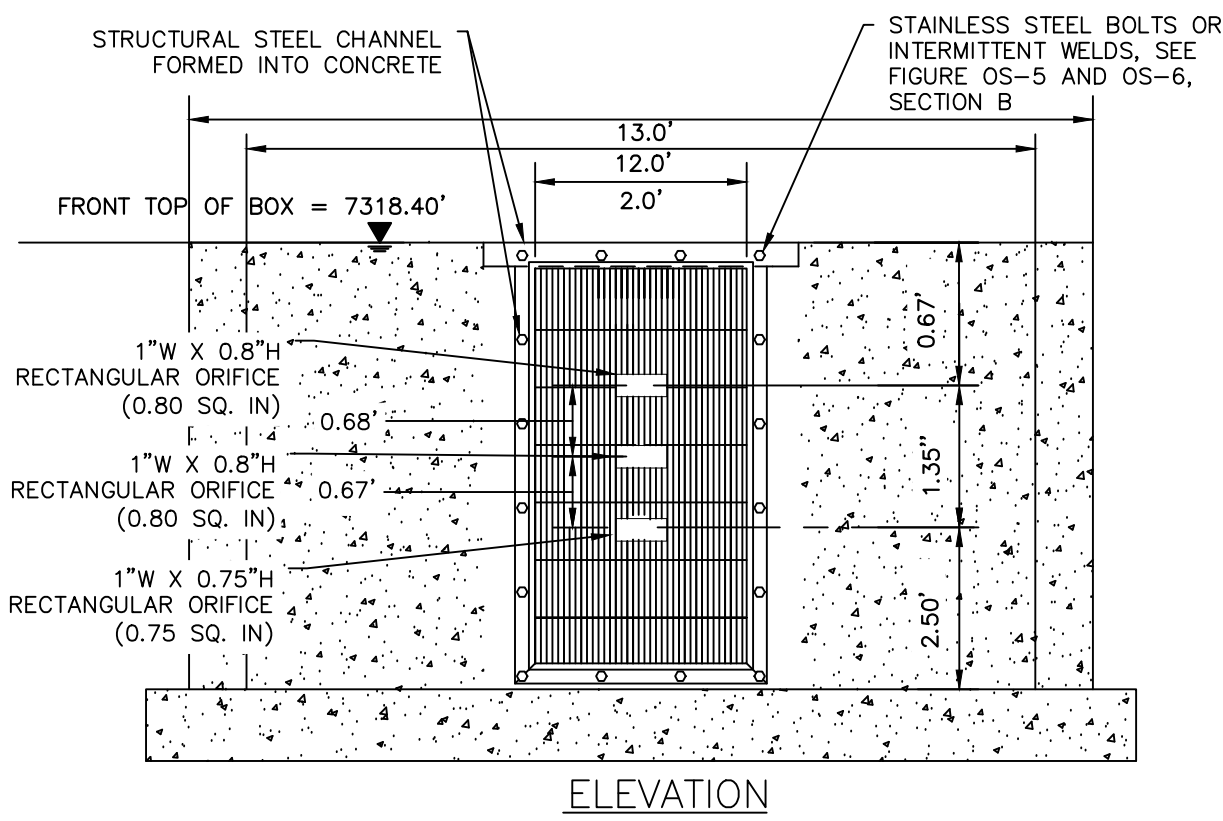
2 CONCRETE TRICKLE CHANNEL

N.T.S.



3 OUTLET SIGNAGE

N.T.S.
OUTLET SIGNAGE NOTES
1. SIGN SHALL BE A MINIMUM OF 0.75 SQUARE FEET AND SHALL BE ATTACHED TO THE OUTLET OR POSTED NEARBY.



4 ORIFICE PLATE AND TRASH RACK DETAIL

N.T.S.
ORIFICE PLATE NOTES

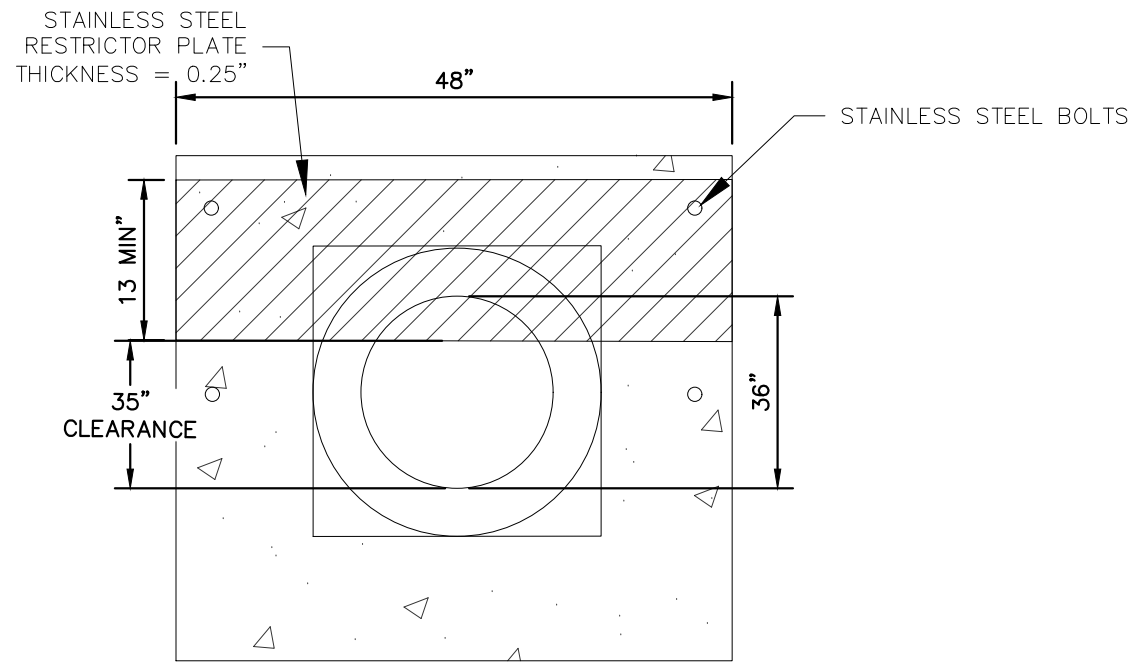
1. PROVIDE CONTINUOUS NEOPRENE GASKET MATERIAL BETWEEN THE ORIFICE PLATE AND CONCRETE.
2. BOLT PLATE TO CONCRETE 12" MAX. ON CENTER. WITH A PLATE THICKNESS OF 0.25".

EURV AND WQCV TRASH RACKS

1. WELL-SCREEN TRASH RACKS SHALL BE STAINLESS STEEL AND SHALL BE ATTACHED BY INTERMITTENT WELDS ALONG THE EDGE OF THE MOUNTING FRAME.
2. BAR GATE TRASH RACKS SHALL BE ALUMINUM AND SHALL BE BOLTED USING STAINLESS STEEL HARDWARE.
3. TRASH RACK OPEN AREAS ARE FOR SPECIFIED TRASH RACK MATERIALS. TOTAL TRASH RACK SIZE MAY NEED TO BE ADJUSTED FOR MATERIALS HAVING DIFFERENT OPEN AREA/GROSS AREA RATIO (R VALUE).
4. STRUCTURAL DESIGN OF TRASH RACKS SHALL BE BASED ON FULL HYDROSTATIC HEAD WITH ZERO HEAD DOWNSTREAM OF THE RACK.

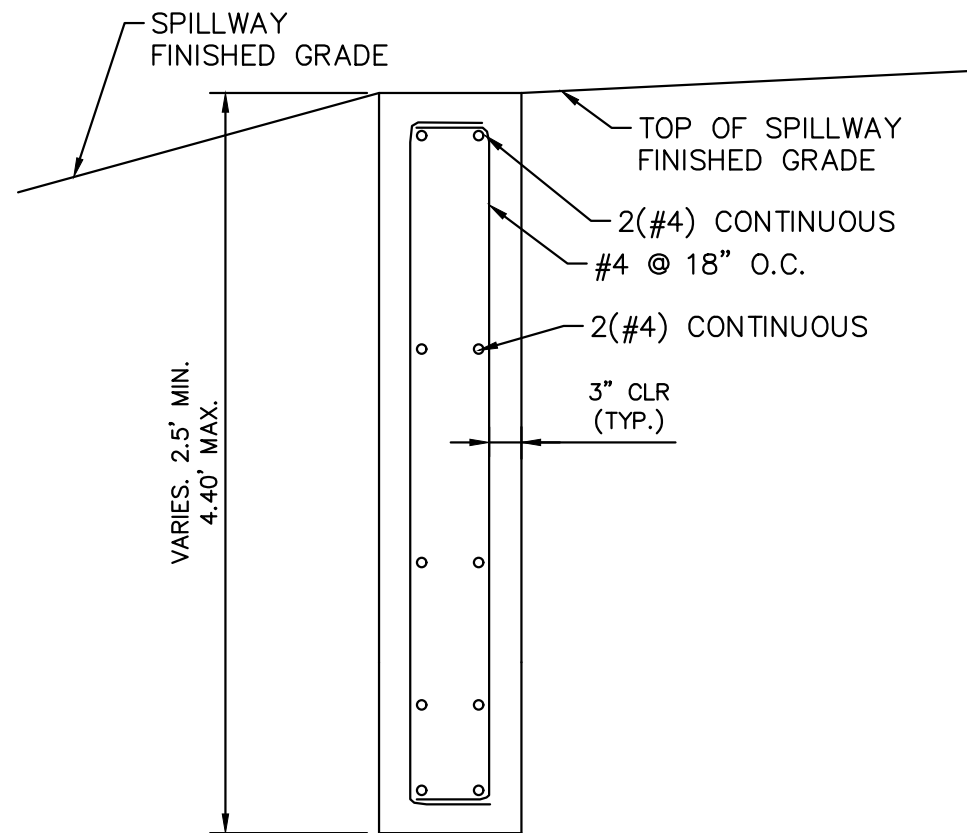
OVERFLOW SAFETY GRATES

1. ALL SAFETY GRATES SHALL BE MOUNTED USING STAINLESS STEEL HARDWARE AND PROVIDED WITH HINGED AND LOCKABLE OR BOLTABLE ACCESS PANELS.
2. SAFETY GRATES SHALL BE STAINLESS STEEL, ALUMINUM, OR STEEL. STEEL GRATES SHALL BE HOT DIP GALVANIZED AND MAY BE HOT POWDER COATED AFTER GALVANIZING.
3. SAFETY GRATES SHALL BE DESIGNED SUCH THAT THE DIAGONAL DIMENSION OF EACH OPENING IS SMALLER THAN THE DIAMETER OF THE OUTLET PIPE.
4. STRUCTURAL DESIGN OF SAFETY GRATES SHALL BE BASED ON FULL HYDROSTATIC HEAD WITH ZERO HEAD DOWNSTREAM OF THE RACK.



5 100-YEAR FLOW RESTRICTOR B

N.T.S.



6 SECTION CREST WALL DETAIL

N.T.S.

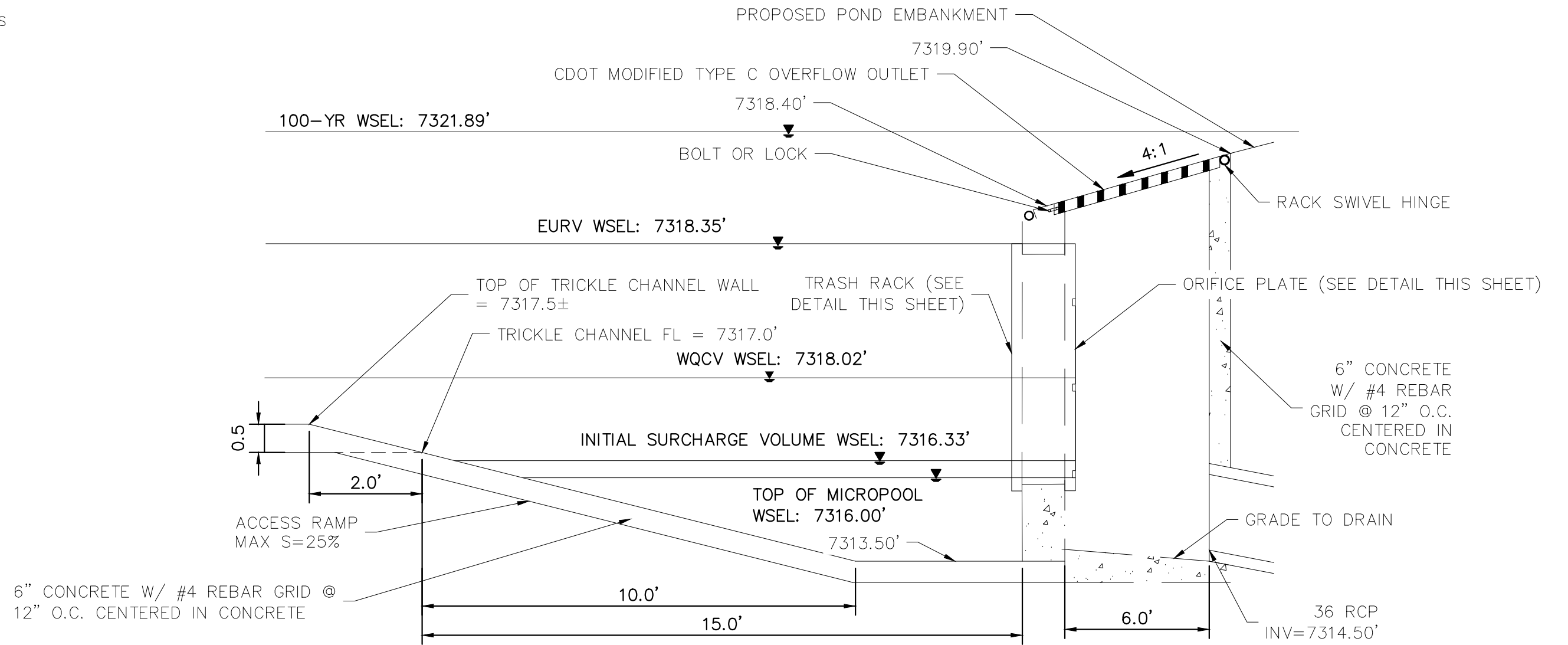
RIPRAP NOTES:

COLORADO DEPARTMENT OF TRANSPORTATION SECTION 506 REQUIREMENTS APPLY TO ALL RIPRAP.

Table 506-2

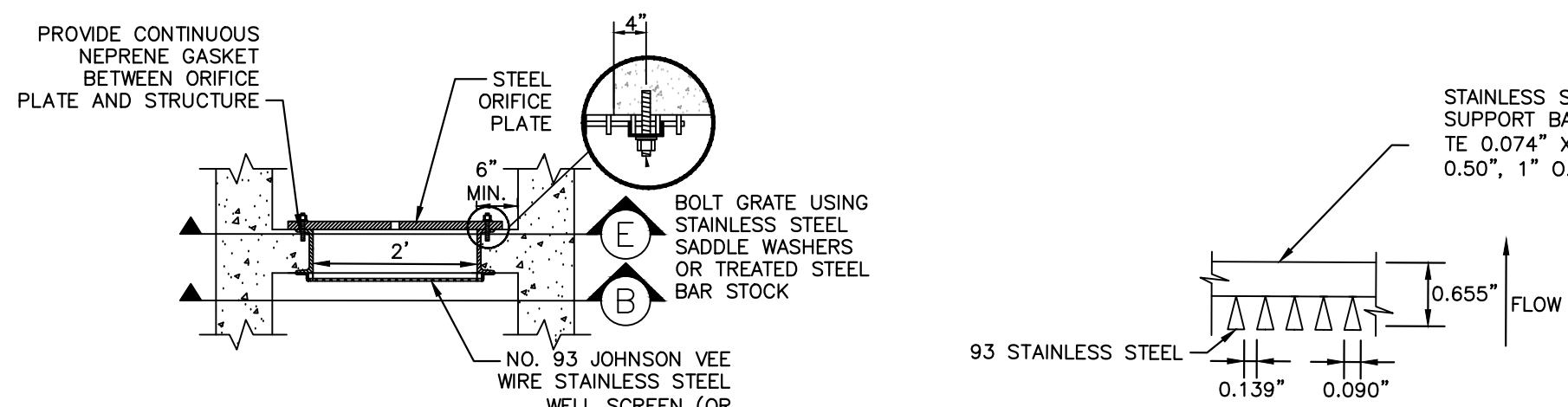
Pay Item	Stone Size d50 ¹ (Inches)	Percent of Material Smaller Than Typical Stone ²	Typical Stone Dimensions ³ (Inches)	Typical Stone Weight ⁴ (Pounds)
Riprap	6	70-100	12	85
		50-70	9	35
		35-50	6	10
		2-10	2	0.4
Riprap	9	70-100	15	160
		50-70	12	85
		35-50	9	35
		2-10	3	1.3
Riprap	12	70-100	21	440
		50-70	18	275
		35-50	12	85
		2-10	4	3
Riprap	18	100	30	1280
		50-70	24	650
		35-50	18	275
		2-10	6	10
Riprap	24	100	42	3500
		50-70	33	1700
		35-50	24	650
		2-10	9	35

¹d50 = nominal stone size
²based on typical rock mass
³equivalent spherical diameter
⁴based on a specific gravity = 2.5



7 OUTLET STRUCTURE DETAIL

N.T.S.

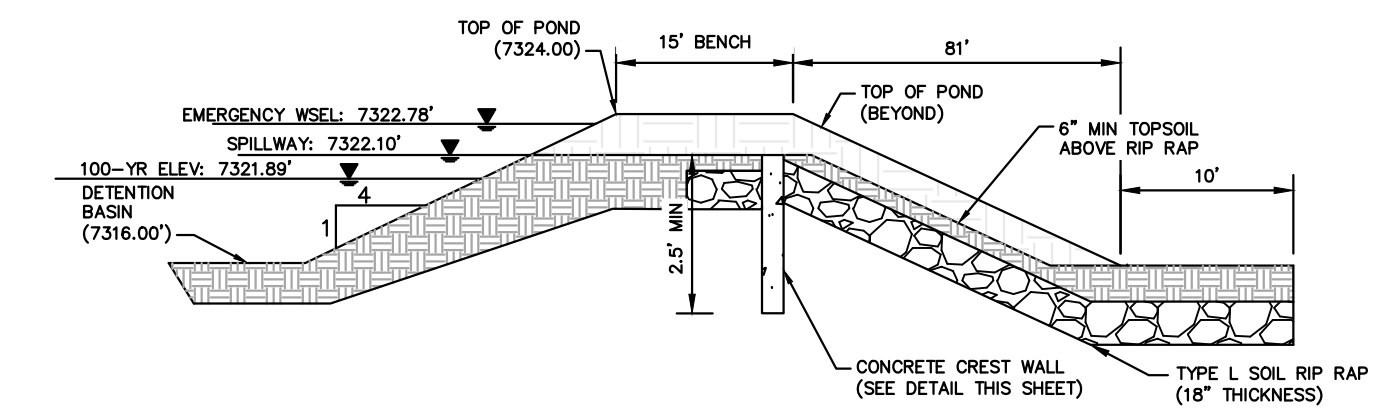


SECTION A

N.T.S.

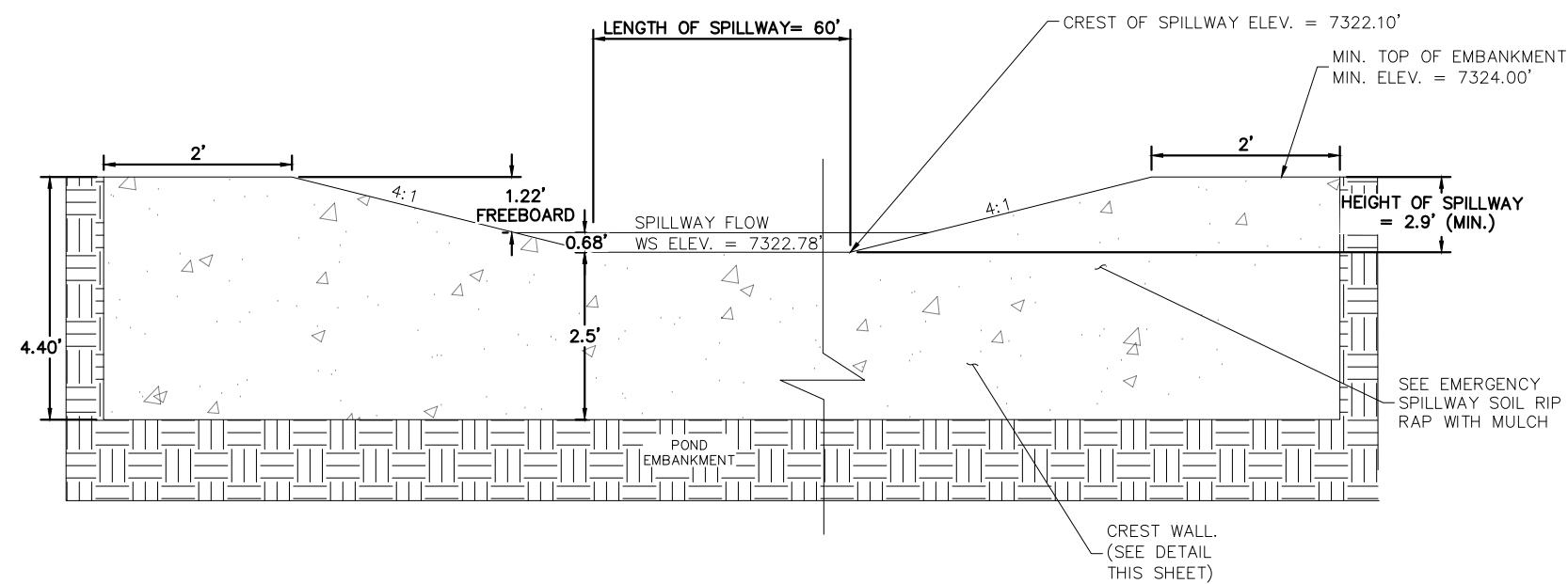
SECTION B

N.T.S.



8 EMERGENCY SPILLWAY DETAILS

N.T.S.



9 EMERGENCY SPILLWAY

N.T.S.



Kimley»Horn

2021 KIMLEY-HORN AND ASSOCIATES, INC.
2 North Nevada Avenue Suite 300
Colorado Springs, Colorado 80903 (719) 453-0180

DESIGNED BY: KRK
DRAWN BY: AJL
CHECKED BY: KRK
DATE: 12/16/2021

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EL PASO COUNTY, COLORADO
CONSTRUCTION DOCUMENTS
POND 1 DETAILS

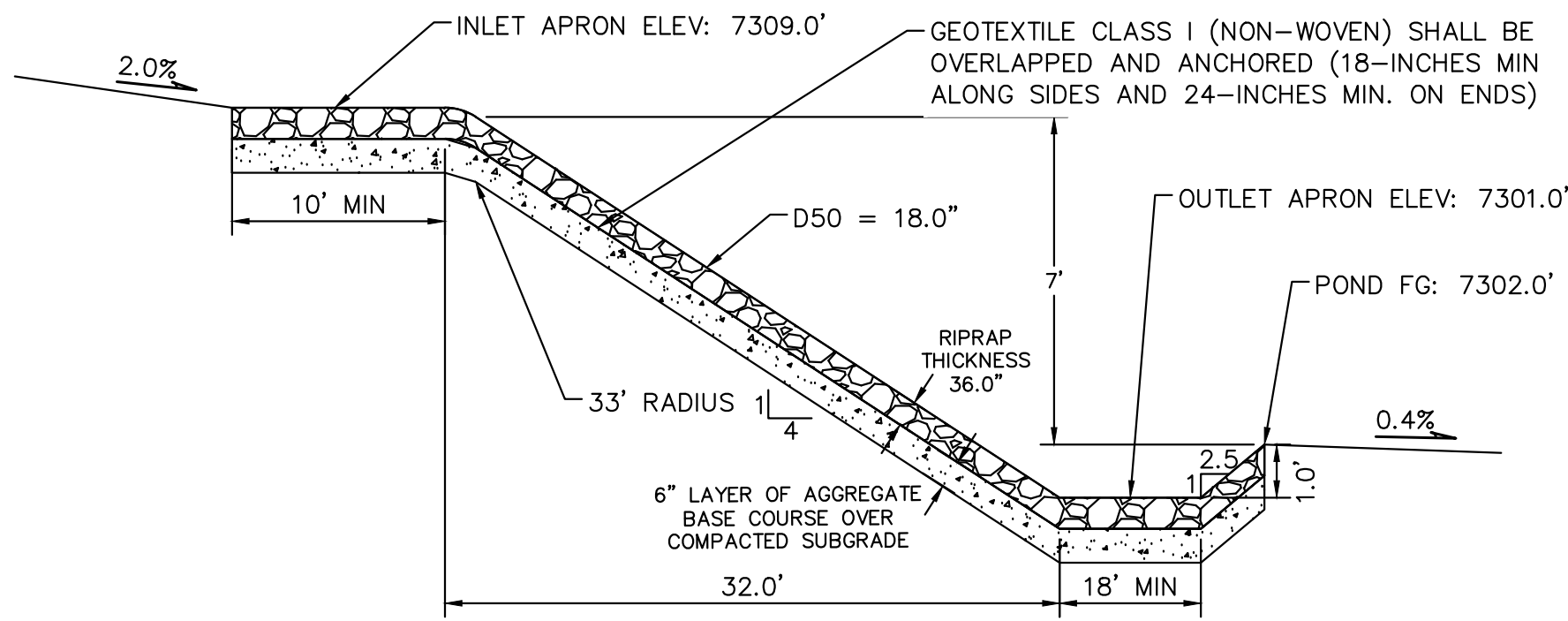
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FOR REVIEW ONLY
NOT FOR CONSTRUCTION
Kimley»Horn
Kimley-Horn and Associates, Inc.

PROJECT NO.
196106001

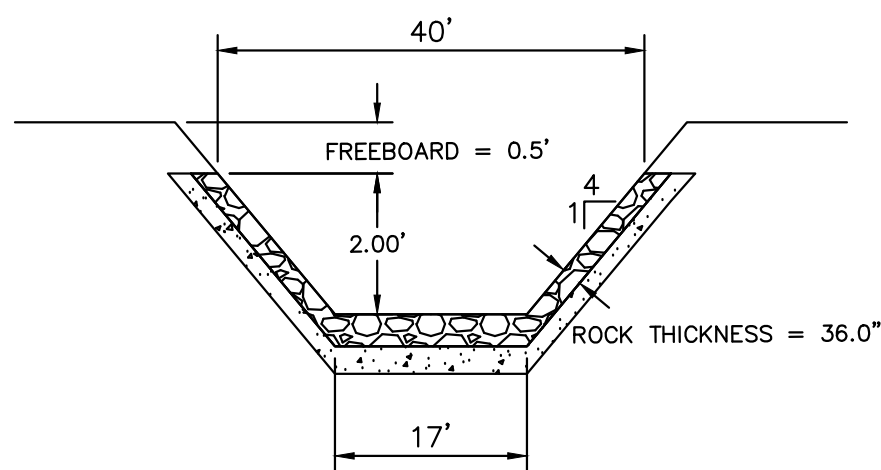
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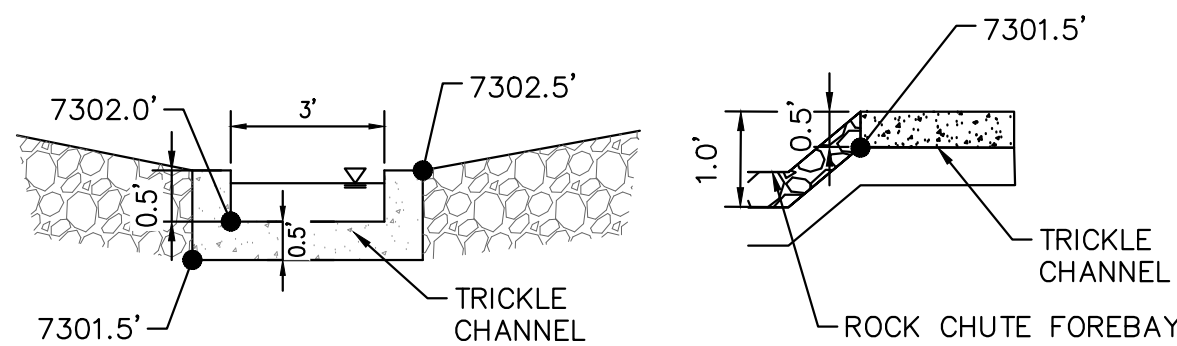
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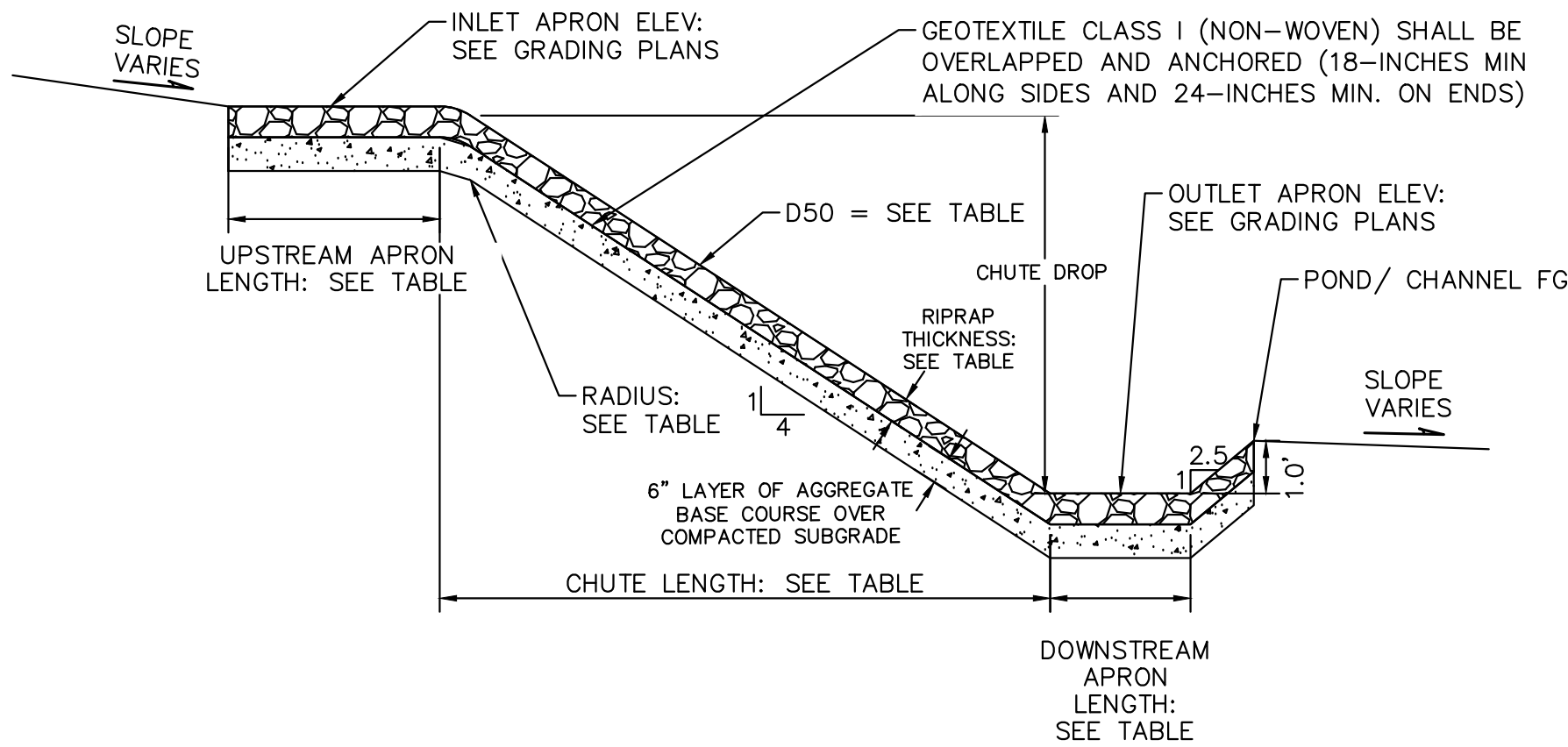
10 **ROCK CHUTE #6 PROFILE- CROSS SECTION 1**
N.T.S.



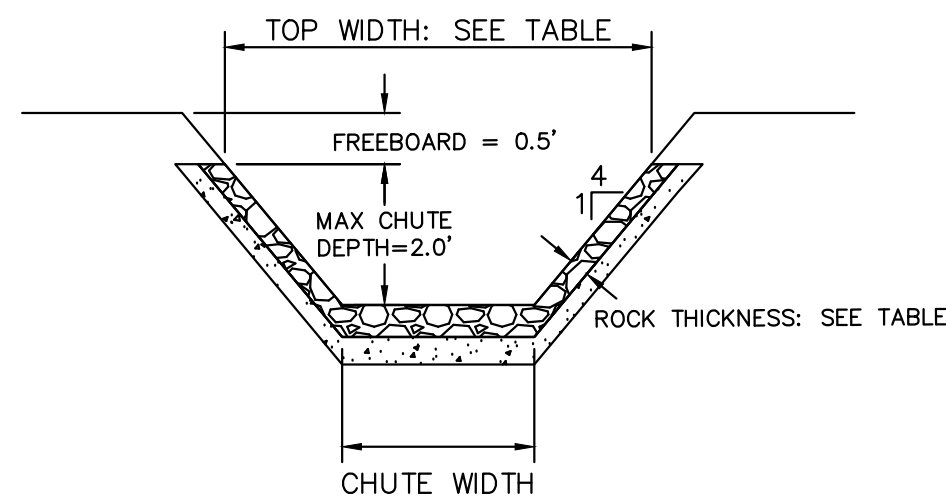
11 **ROCK CHUTE #6 PROFILE- CROSS SECTION 2**
N.T.S.



12 **ROCK CHUTE TO TRICKLE CHANNEL TRANSITION**
N.T.S.



13 **STANDARD ROCK CHUTE PROFILE- CROSS SECTION 1**
N.T.S.
1. SEE GRADING PLANS FOR ROCK CHUTE LOCATIONS

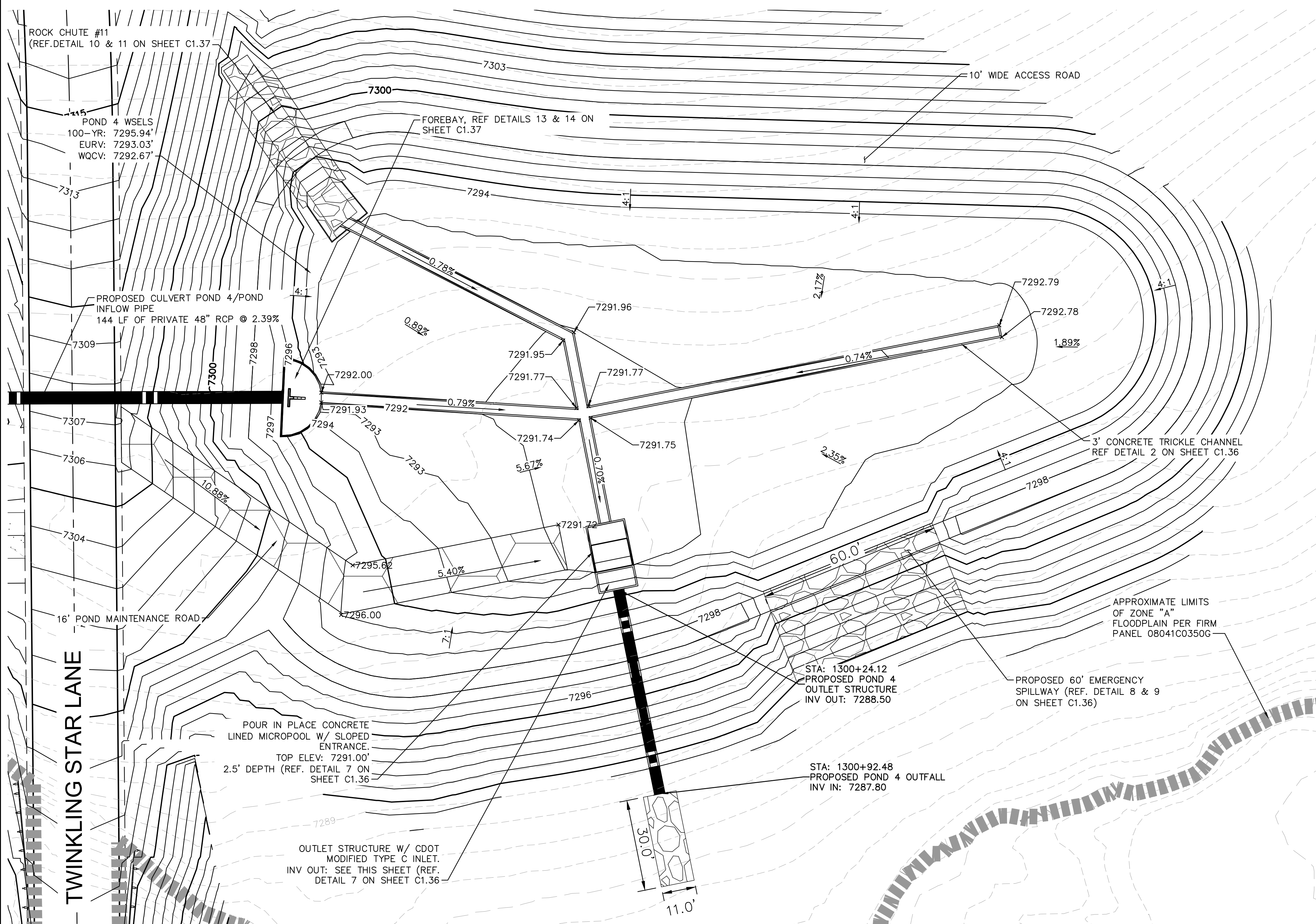


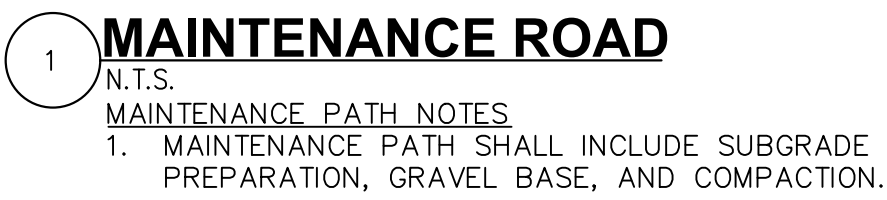
14 **STANDARD ROCK CHUTE PROFILE- CROSS SECTION 2**
N.T.S.
1. SEE GRADING PLANS FOR ROCK CHUTE LOCATIONS

Rock Chute ID	Channel Location	Flow (cfs)	Upstream Inlet Apron Length (ft)	Drop (ft) (Inlet Apron to Outlet Apron)	Chute Length (ft)	Downstream Outlet Apron Length (ft)	Chute Width (ft)	D50 (in)	Rock Chute Thickness (in)	Radius (ft)	Min Rock Chute Depth (ft)	Rock Chute Depth (ft)	Top Chute Width (ft)
1	H1	45	10	7	28	14	12	12	24	33	1.09	2.00	28
2	H1	45	10	5	20	14	12	12	24	33	1.09	2.00	28
3	H4	17	10	13	52	8	12	9	18	25	0.58	2.00	28
4	Pond 1	107	10	6	24	15	24	18	36	50	1.27	2.00	40
5	H5B	29	10	8	32	18	4	18	36	50	1.54	2.00	20
6	Pond 2	110	10	8	32	18	17	18	36	50	1.57	2.00	33
7	H3	58	10	6	24	15	12	18	36	50	1.27	2.00	28
8	H3	58	10	6	24	15	12	18	36	50	1.27	2.00	28
9	H3	58	10	6	24	15	12	18	36	50	1.27	2.00	28
10	H3	58	10	6	24	15	12	18	36	50	1.27	2.00	28
11	Pond 4	26	10	10	40	11	10	9	18	25	0.85	2.00	26
12	WQ Pond	100	11	5	20	20	12	18	36	50	1.81	2.00	28
13	WQ Pond	57	10	3	12	16	10	18	36	50	1.38	2.00	26

15 **STANDARD ROCK CHUTE DIMENSION TABLE**
N.T.S.
1. SEE GRADING PLANS FOR ROCK CHUTE LOCATIONS







1. WELL-SCREEN TRASH RACKS SHALL BE STAINLESS STEEL AND SHALL BE ATTACHED BY INTERMITTENT WELDS ALONG THE EDGE OF THE MOUNTING FRAME.
2. BAR GATE TRASH RACKS SHALL BE ALUMINUM AND SHALL BE BOLTED USING STAINLESS STEEL HARDWARE.
3. TRASH RACK OPEN AREAS ARE FOR SPECIFIED TRASH RACK MATERIALS. TOTAL TRASH RACK SIZE MUST BE ADJUSTED TO BE ADJUSTED FOR MATERIALS HAVING DIFFERENT OPEN AREA/GROSS AREA RATIO (R VALUE).
4. STRUCTURAL DESIGN OF TRASH RACKS SHALL BE BASED ON FULL HYDROSTATIC HEAD WITH ZERO HEAD DOWNSTREAM OF THE RACK.

1. ALL SAFETY GRATES SHALL BE MOUNTED USING STAINLESS STEEL HARDWARE AND PROVIDED WITH HINGED AND LOCKABLE OR BOLTABLE ACCESS PANELS.
2. SAFETY GRATES SHALL BE STAINLESS STEEL, ALUMINUM, OR STEEL. STEEL GRATES SHALL BE HOT DIP GALVANIZED AND MAY BE HOT POWDER COATED AFTER GALVANIZING.
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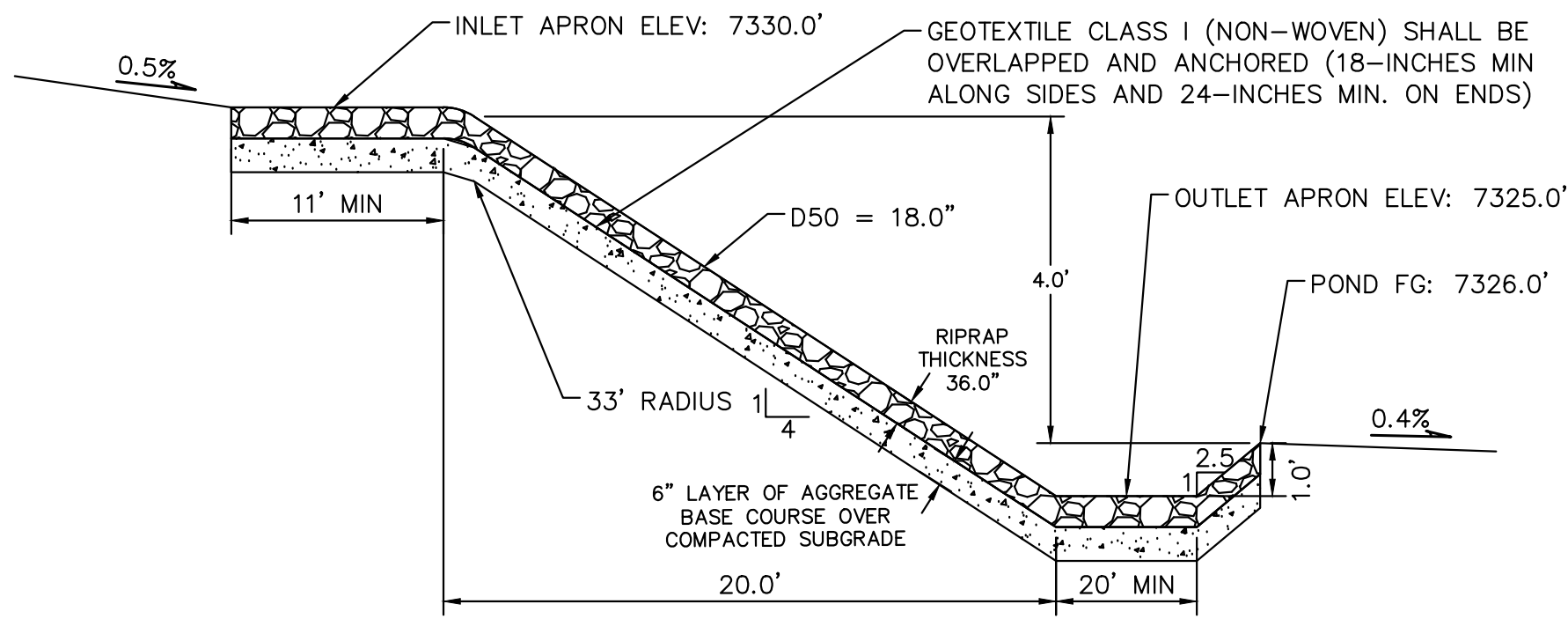
COLORADO DEPARTMENT OF TRANSPORTATION SECTION 506 REQUIREMENTS APPLY TO ALL RIPRAP.

Pay Item		Percent of Material Smaller Than Typical Stone ²	Typical Stone Dimensions ³ (Inches)	Typical Stone Weight ⁴ (Pounds)
	Stone Size d50 ¹ (Inches)			
Riprap	6	70-100	12	85
		50-70	9	35
		35-50	6	10
		2-10	2	0.4
Riprap	9	70-100	15	160
		50-70	12	85
		35-50	9	35
		2-10	3	1.3
Riprap	12	70-100	21	440
		50-70	18	275
		35-50	12	85
		2-10	4	3
Riprap	18	100	30	1280
		50-70	24	650
		35-50	18	275
		2-10	6	10
Riprap	24	100	42	3500
		50-70	33	1700
		35-50	24	650
		2-10	9	35

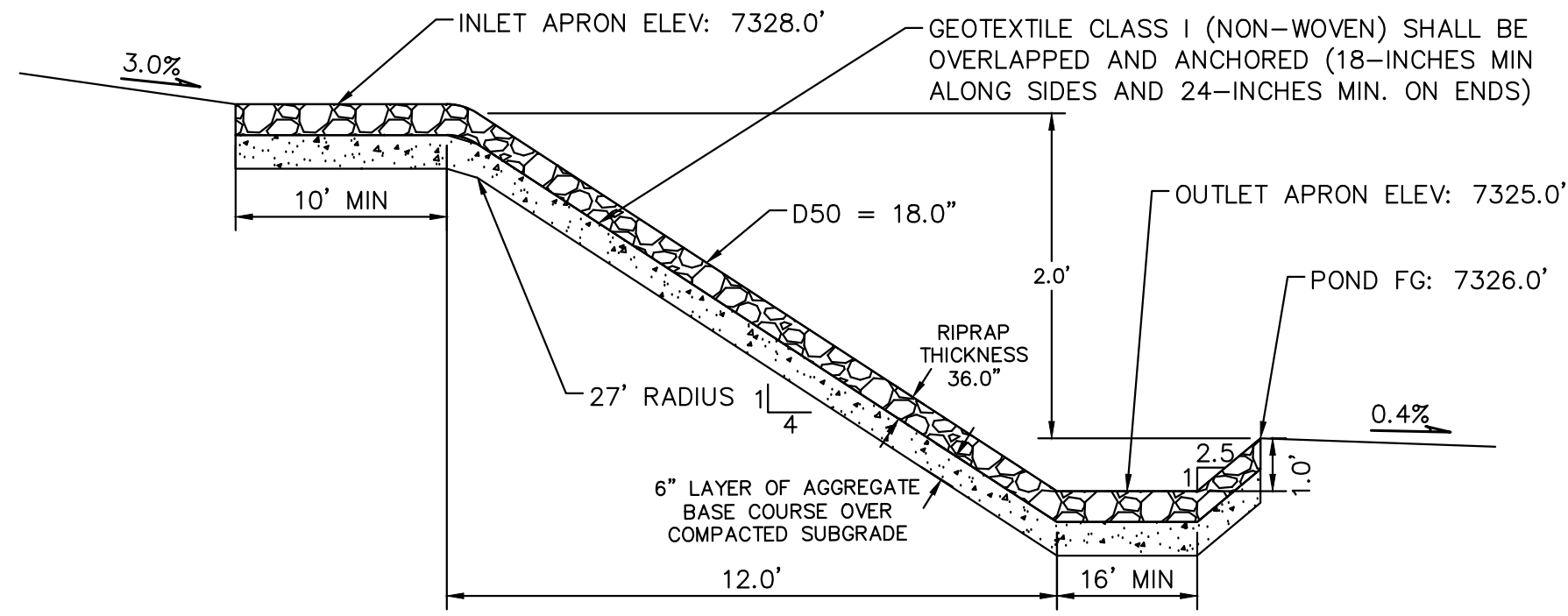
¹d₅₀ = nominal stone size
²based on typical rock mass
³equivalent spherical diameter
⁴based on a specific gravity = 2.5



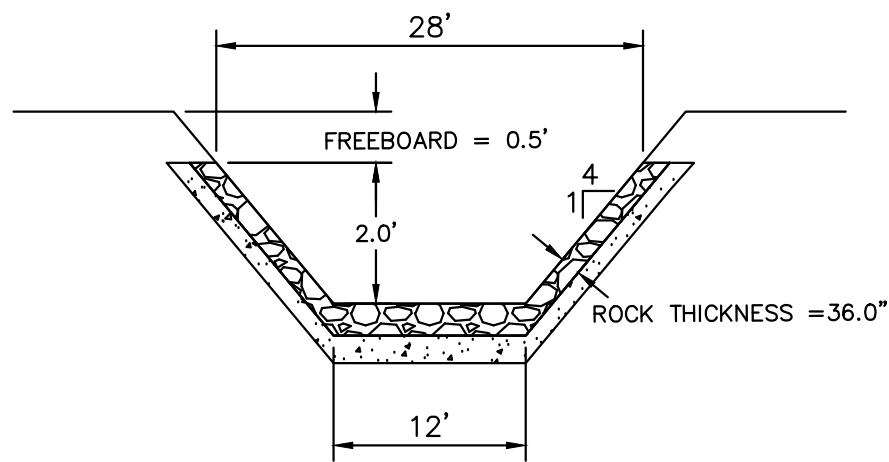
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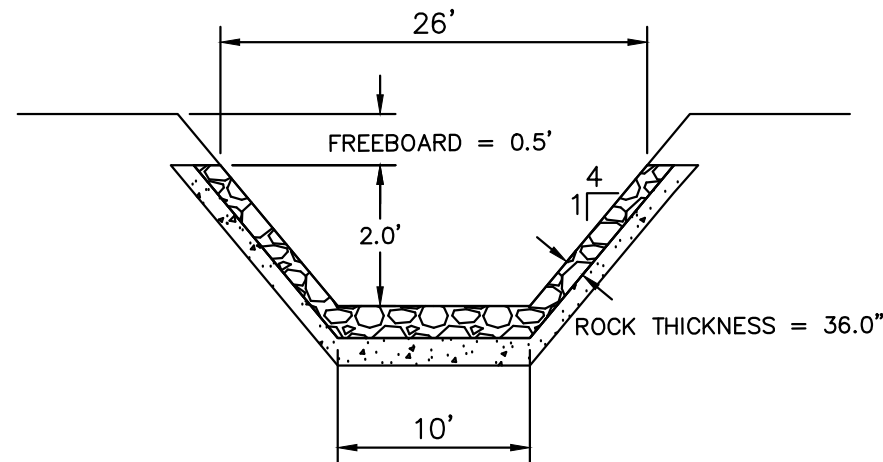
9 **ROCK CHUTE #12 PROFILE- CROSS SECTION 1**
N.T.S.



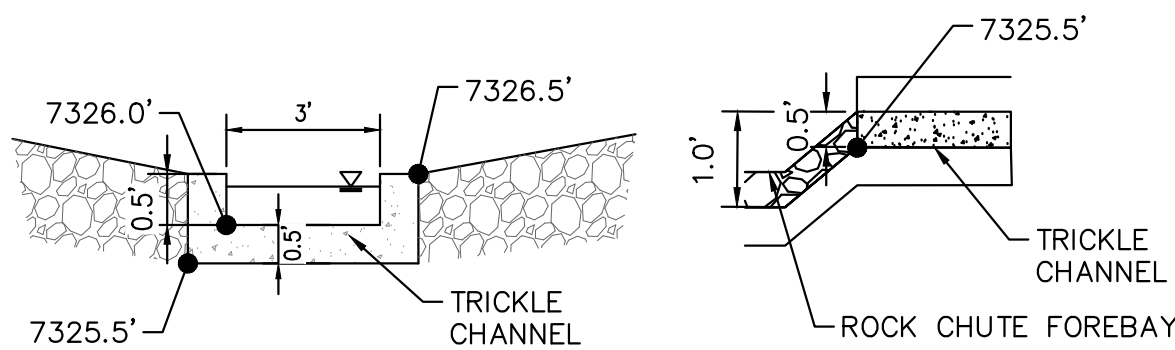
12 **ROCK CHUTE #13 PROFILE- CROSS SECTION 1**
N.T.S.



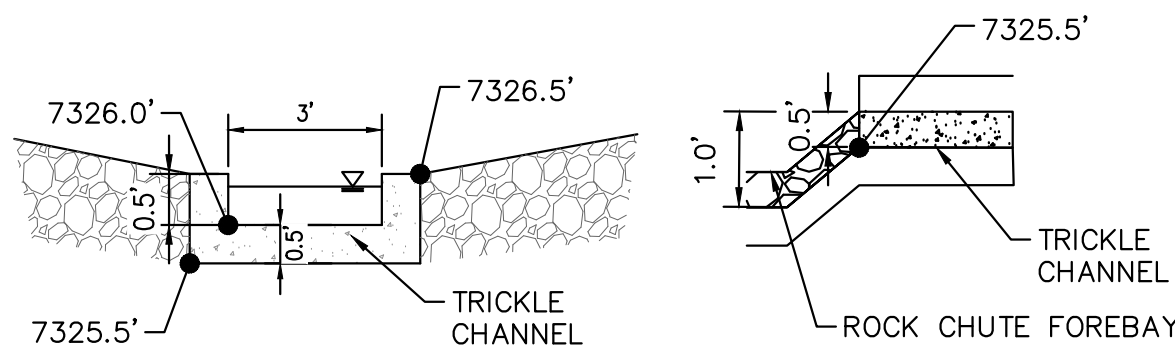
10 **ROCK CHUTE #12 PROFILE- CROSS SECTION 2**
N.T.S.



13 **ROCK CHUTE #13 PROFILE- CROSS SECTION 2**
N.T.S.



11 **ROCK CHUTE #12 TO TRICKLE CHANNEL TRANSITION**
N.T.S.



14 **ROCK CHUTE #13 TO TRICKLE CHANNEL TRANSITION**
N.T.S.

