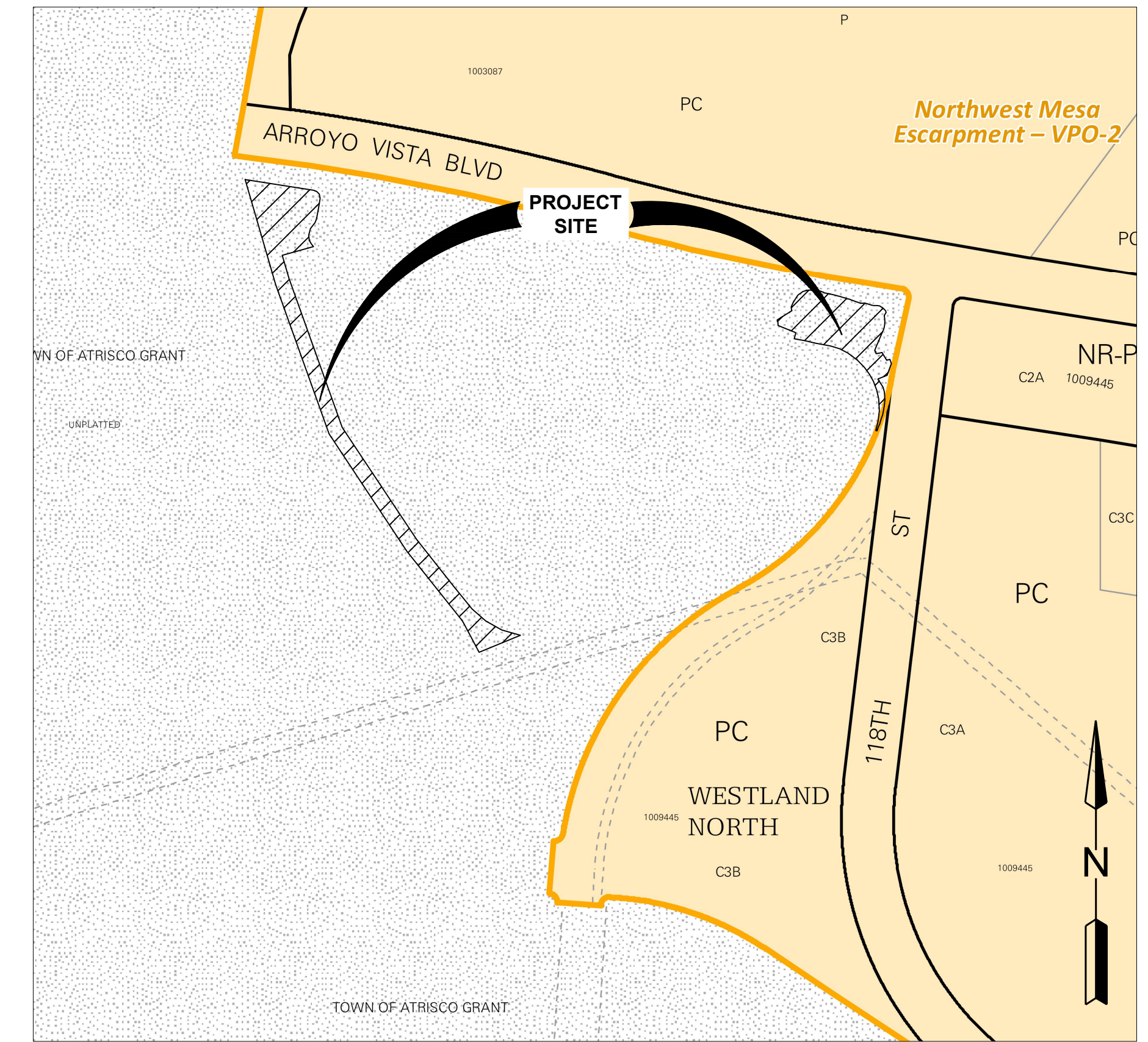


BERNALILLO COUNTY OF NEW MEXICO PUBLIC WORKS DIVISION

CONSTRUCTION PLANS FOR

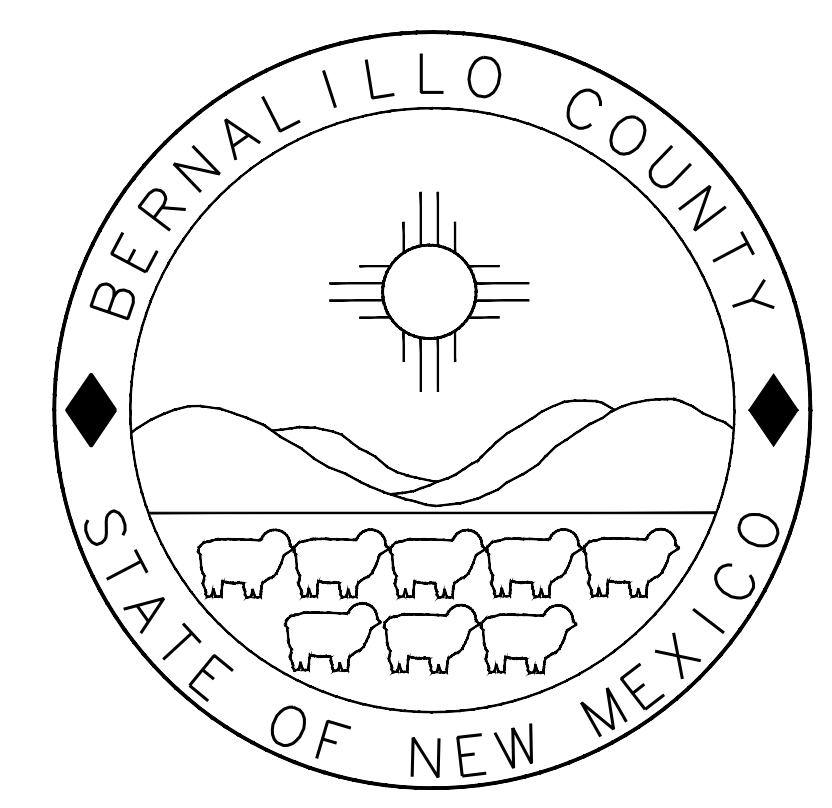
HIGH MESA TRAIL SUBDIVISION OFFSITE CHANNEL & PONDS



ZONE ATLAS MAP: J-7

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BERNALILLO
COUNTY
PUBLIC WORKS



STATE
OF
NEW MEXICO

P.W.C.O. 2025-0027

CDS
COMMUNITY DESIGN SOLUTIONS, LLC
9384 VALLEY VIEW DR NW, SUITE 100
ALBUQUERQUE, NEW MEXICO 87114
PHONE: (505)366-4187

BERNALILLO COUNTY PUBLIC WORKS DIVISION _____ DATE _____

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS		ENGINEER	DATE	APPROVED FOR CONSTRUCTION	
		DRC Chairman				CITY ENGINEER _____ DATE _____ SHEET 1 OF 30	
		Transportation					
		Water/Wastewater					
		Hydrology					
		Parks					
Const. Coord.							
Record Drawing							
PROJECT MANAGER							

P:\04\2025_313pm_Plan by CHRISTOPHER ARCHULETA
 P:\04\2025_313pm_Plan by CHRISTOPHER ARCHULETA
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GOVERNING SPECIFICATIONS:

1. ALL WORK DETAILED ON THIS PLAN SET TO BE PERFORMED UNDER CONTRACT SHALL BE PERFORMED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND THE PROJECT GEOTECHNICAL REPORT. WHERE APPLICABLE, CITY OF ALBUQUERQUE PUBLIC WORKS STANDARDS SHALL APPLY.

CONSTRUCTION LIMITS AND STORAGE LIMITS:

2. THE CONTRACTOR SHALL BE REQUIRED TO CONFINE HIS WORK WITHIN THE CONSTRUCTION LIMITS, DESIGNATED CONSTRUCTION EASEMENTS ON THE PLAN SET, AND/OR RIGHT-OF-WAY LIMITS.

3. THE CONTRACTOR SHALL NOT STORE ANY EQUIPMENT OR MATERIAL WITHIN THE PUBLIC RIGHT-OF-WAY DURING NON-WORKING HOURS.

4. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES SO AS TO NOT INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON-SITE.

5. THE CONTRACTOR SHALL NOT STORE EQUIPMENT OR MATERIAL WITHIN 20 FEET FROM THE EDGE OF THE DRIVING LANE DURING WORK HOURS UNLESS THE EQUIPMENT OR MATERIAL IS PROPERLY SHIELDED UTILIZING CURRENT SAFETY DESIGN AND INSTALLATION METHODS. THE SAFETY DESIGN FOR SHIELDING SHALL BE PROVIDED BY THE CONTRACTOR AND MUST BE APPROVED BY THE ENGINEER BEFORE IMPLEMENTING. THIS WORK, INCLUDING DESIGN, INSTALLATION, AND REMOVAL OF THE SHIELDING, SHALL BE AT THE CONTRACTOR'S EXPENSE AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE.

AGENCY COORDINATION / NOTIFICATION:

6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING ALL PERMITS NECESSARY FOR CONSTRUCTION.

7. THE CONTRACTOR SHALL NOTIFY THE AGENCIES LISTED BELOW AND IN WRITING WHEN SCHEDULED WORK WILL IMPACT ACCESS A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO ANY WORK WITHIN COUNTY OR CITY RIGHT-OF-WAY. THE CONTRACTOR SHALL COORDINATE WITH EACH AGENCY SO THAT THERE IS NO INTERRUPTION OF SERVICE OR COVERAGE DURING THE PROJECT. THIS IS AT THE CONTRACTOR'S EXPENSE AND NO ADDITIONAL PAYMENT WILL BE MADE.

- BERNALILLO COUNTY SHERIFF'S OFFICE
- THE FIRE MARSHALL'S OFFICE
- COUNTY SOLID WASTE PROGRAM
- UNITED STATES POST OFFICE
- ALBUQUERQUE PUBLIC SCHOOLS
- ALBUQUERQUE RIDE

8. THE CONTRACTOR SHALL COORDINATE HIS CONSTRUCTION ACTIVITIES WITH ALL OTHER CONTRACTORS AND UTILITY COMPANIES WORKING IN THE SAME AREA. THE CONTRACTOR MAY BE REQUIRED TO RESCHEDULE HIS ACTIVITIES TO ALLOW UTILITY CREWS TO PERFORM THEIR REQUIRED WORK. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR DELAYS OR INCONVENIENCE CAUSED BY UTILITY COMPANY WORK CREWS.

9. THE FIRE DEPARTMENT SHALL BE NOTIFIED 48 HOURS IN ADVANCE BY THE CONTRACTOR, WHENEVER A FIRE HYDRANT IS TO BE REMOVED OR IS TO BE OUT OF SERVICE.

10. THE CONTRACTOR SHALL NOTIFY THE ABCWUA (857-8200) AT LEAST SEVEN (7) WORKING DAYS IN ADVANCE OF ANY WORK WHICH MAY AFFECT THE EXISTING PUBLIC WATER UTILITIES.

PROPERTY OWNER COORDINATION AND NOTIFICATION:

11. THE CONTRACTOR SHALL PROVIDE INGRESS AND EGRESS TO LOCAL BUSINESSES AND RESIDENCES FOR THE DURATION OF THE PROJECT. THE CONTRACTOR SHALL ADVISE OF AND SCHEDULE ACCESS CLOSURES, AT LEAST 48 HOURS IN ADVANCE, WITH PROPERTY OWNERS AND THE ENGINEER.

12. CONTRACTOR SHALL COORDINATE AND INFORM PROPERTY OWNER PRIOR TO THE REMOVAL OF LANDSCAPING AND/OR OTHER MISCELLANEOUS IMPROVEMENTS THAT MAY BE ENCOUNTERED ALONG STREET RIGHT-OF-WAY ABUTTING PRIVATE PROPERTY TO BE REMOVED TO CONSTRUCT THE PROJECT. CONTRACTOR SHALL GIVE PROPERTY OWNER OPPORTUNITY TO REMOVE ANY LANDSCAPING THAT THE PROPERTY OWNER MAY DESIRE TO REMOVE. THIS WORK IS AT THE CONTRACTOR'S EXPENSE AND NO ADDITIONAL PAYMENT SHALL BE MADE.

NOISE AND VIBRATORY CONCERNS:

13. THE CONTRACTOR SHALL BE RESTRICTED TO THE USE OF A 35-TON NON-VIBRATING ROLLER MAXIMUM TO OBTAIN THE REQUIRED COMPACTION IN EMBANKMENT AND SUB GRADE IN URBAN OR OTHER AREAS WHERE THE USE OF HEAVIER EQUIPMENT COULD DAMAGE UNDERGROUND UTILITIES OR OTHER PERMANENT STRUCTURES. RESTRICTED AREAS SHALL BE DETERMINED BY THE PROJECT MANAGER.

14. NOISE SUPPRESSION DEVICES SHALL BE KEPT IN WORKING ORDER ON ALL EQUIPMENT IN ACCORDANCE WITH ALL FEDERAL AND STATE REGULATIONS AND CITY ORDINANCE THROUGHOUT THE COURSE OF CONSTRUCTION.

SITE MAINTENANCE:

15. ALL OF THE FOLLOWING SITE MAINTENANCE WORK SHALL BE AT THE CONTRACTOR'S EXPENSE AND NO SEPARATE PAYMENT SHALL BE MADE THEREFOR.

16. AFTER BACK FILLING TRENCH AND PRIOR TO ASPHALT SURFACING, ALL ROADS SHALL BE CONTINUALLY MAINTAINED INCLUDING ANY WATERING NECESSARY TO CONTROL DUST IN COMPLIANCE WITH GOVERNMENT ORDINANCES. CONTRACTOR SHALL SUPPLY ALL EQUIPMENT AND MATERIALS NECESSARY FOR CONTINUOUS MAINTENANCE.

17. THE CONTRACTOR SHALL KEEP THE ROADWAY SAFELY PASSABLE AT ALL TIMES BY DRAINING OR PUMPING FLOOD WATER AS NEEDED. THE CONTRACTOR SHALL SUBMIT A FLOOD CONTROL PLAN TO THE PROJECT MANAGER FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION. AT A MINIMUM, THE PLAN SHALL SHOW: 1) THE PROPOSED STORM WATER REMOVAL METHODS, 2) THE AVAILABILITY OF ON-CALL MATERIALS AND EQUIPMENT, 3) THE TIME FRAME FOR RESPONSE DURING A STORM EVENT, AND 4) THE LOCATION(S) FOR STORM WATER DISPOSAL. THE CONTRACTOR SHALL NOT DIVERT CONCENTRATED FLOWS ONTO PRIVATE PROPERTY. THIS SHALL BE AT THE CONTRACTOR'S EXPENSE AND NO SEPARATE PAYMENT SHALL BE MADE.

18. THE CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORKS SITE. THE CONTRACTOR SHALL PROMPTLY REMOVE ANY GRAFFITI FROM ALL EQUIPMENT AND STRUCTURES, WHETHER PERMANENT OR TEMPORARY.

EARTHWORK:

19. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING AND RECORDING ALL EXISTING AND FINAL GRADES BY CROSS-SECTIONING OR OTHER MEANS, FOR THE PURPOSE OF DETERMINING EARTHWORK QUANTITIES. THESE RECORDS WILL BE SUBJECT TO REVIEW BY THE PROJECT ENGINEER FOR VERIFICATION OF PAY QUANTITIES.

20. THE EARTHWORK QUANTITIES WILL BE BASED ON FINAL VOLUMES COMPACTED IN PLACE ON-SITE EXCAVATION AND BACK FILL QUANTITY WILL BE BASED ON A SHRINKAGE FACTOR OF 20%.

21. UNLESS OTHERWISE STATED WITHIN THIS PLAN SET, ALL SIDE SLOPES SHALL BE 3:1 (HORIZONTAL TO VERTICAL) MAXIMUM, KEEPING SLOPES FLATTER WHEREVER POSSIBLE. SLOPES SHALL TRANSITION SMOOTHLY TO EXISTING GRADES IN ALL CASES.

22. THE CONTRACTOR SHALL WARP SLOPES WHERE NECESSARY TO STAY WITHIN THE RIGHT-OF-WAY OR CONSTRUCTION EASEMENT LIMITS.

23. THE DESIGN "R" VALUE FOR THIS PROJECT IS 50. MATERIAL WITH AN "R" VALUE OF LESS THAN 50 SHALL NOT BE PLACED IN, NOR ALLOWED TO REMAIN WITHIN THE TOP TWO FEET OF FINISHED GRADE.

24. SPOIL PILES WILL BE ALLOWED ONLY AS APPROVED BY THE COUNTY ENGINEER.

25. NO MATERIAL PITS HAVE BEEN IDENTIFIED FOR THIS PROJECT. THE CONTRACTOR MAY OBTAIN SUITABLE MATERIAL FROM ANY ACCEPTABLE SOURCE, PROVIDED THAT IT MEETS PROJECT SPECIFICATIONS. ALL MATERIAL PIT ACTIONS SHALL BE IN COMPLIANCE WITH SECTION 205 OF THE C.O.A. SPECIFICATIONS. NO ADDITIONAL PAYMENT SHALL BE MADE FOR HAULING OF SUCH MATERIAL.

26. CONTRACTOR IS RESPONSIBLE FOR EXAMINATION OF THE SITE AND DETERMINATION OF THE CHARACTER AND QUANTITY OF MATERIALS TO BE ENCOUNTERED.

27. IF UNCLASSIFIED / UNSUITABLE MATERIAL IS NOT ENCOUNTERED, THE CONTRACTOR WILL NOT BE PAID FOR THIS BID ITEM. THE CONTRACTOR SHALL NOTIFY THE OWNER AND ENGINEER IMMEDIATELY UPON DISCOVERY OF MATERIAL THAT MAY BE CONSIDERED UNSUITABLE PRIOR TO BEGINNING ANY WORK. ANY WORK COMPLETED WITHOUT THE VERIFICATION OF UNSUITABLE MATERIAL AND ASSOCIATED QUANTITY BY THE OWNER AND ENGINEER WILL BE AT THE SOLE RISK OF THE CONTRACTOR.

28. ANY EXCESS SOIL MATERIAL REMAINING AS A RESULT OF NEW WATER LINE, SEWERLINE, STORM DRAIN OR ANY OTHER INFRASTRUCTURE INSTALLATION SHALL BE REMOVED AND DISPOSED BY THE CONTRACTOR. THIS IS AT THE CONTRACTOR'S EXPENSE AND NO ADDITIONAL PAYMENTS WILL BE MADE.

29. EXCESS SUITABLE SOIL MATERIAL, REMAINING AS A RESULT OF UNDERGROUND INFRASTRUCTURE INSTALLATION OR LOWERING OF ROADWAY ELEVATIONS SHALL BE USED ON-SITE AS NEEDED FOR FILL AREAS OR FOR BACKFILL. ON-SITE MATERIAL SHALL BE USED IN LIEU OF IMPORTING OFF-SITE MATERIAL. NO ADDITIONAL PAYMENT WILL BE MADE TO CONTRACTOR FOR IMPORT OF OFF-SITE MATERIAL IN LIEU OF USING ON-SITE SOIL MATERIAL NOR WILL ANY ADDITIONAL PAYMENT BE MADE FOR ON-SITE MATERIAL THAT WILL BE USED AS BACKFILL. VERIFY WITH PROJECT MANAGER PRIOR TO REMOVAL OF ANY EXCESS SOIL MATERIAL FROM JOB SITE.

30. CONTRACTOR SHALL SUPPORT ALL POWERPOLES AND FENCES ALONG THE RIGHT-OF-WAY IF NECESSARY DURING CONSTRUCTION OF ABCWUA INFRASTRUCTURE OR STORM DRAIN INFRASTRUCTURE. THIS WORK IS AT THE CONTRACTOR'S EXPENSE AND NO SEPARATE PAYMENT SHALL BE MADE THEREFOR.

GENERAL UTILITY NOTES:

31. ALL UTILITIES, UTILITY SERVICE LINES, AND STORM DRAIN LINES SHALL BE INSTALLED PRIOR TO PAVING.

32. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM, 260-1990 (ALBUQUERQUE AREA), 1-800-321-ALERT (2537) (STATEWIDE) FOR LOCATION OF EXISTING UTILITIES.

33. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST BETWEEN THESE PLANS AND ACTUAL FIELD CONDITIONS, THE CONTRACTOR SHALL PROMPTLY NOTIFY THE ENGINEER IN WRITING SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY FOR ALL PARTIES.

34. CONTRACTOR SHALL COORDINATE WITH THE ALBUQUERQUE BERNALILLO COUNTY WATER UTILITY AUTHORITY (ABCWUA) SEVEN (7) WORKING DAYS IN ADVANCE OF PERFORMING WORK THAT WILL AFFECT THE PUBLIC WATER OR SEWER INFRASTRUCTURE. WORK REQUIRING SHUTOFF OF FACILITIES DESIGNATED AS MASTER PLAN FACILITIES MUST BE COORDINATED WITH THE WATER UTILITY AUTHORITY 14 DAYS IN ADVANCE OF PERFORMING SUCH WORK. ONLY WATER UTILITY AUTHORITY CREWS ARE AUTHORIZED TO OPERATE PUBLIC VALVES. CONTRACTOR SHALL COORDINATE SEQUENCING OF ALL PLANNED VALVE CLOSURES. REFER TO SECTION 18 OF STANDARD COA SPECIFICATIONS. CONTRACTOR SHALL SUBMIT A WATER SHUT OFF PLAN FOR REVIEW AND APPROVAL PRIOR TO BEGINNING CONSTRUCTION ACTIVITIES IN APPLICABLE AREAS. SHUTOFF REQUESTS MUST BE MADE ON-LINE AT [HTTP://ABCWUA.ORG/CONTENT/463729](http://abcwua.org/content/463729). WATER SHUTOFFS INVOLVING TRANSMISSION, WELL COLLECTOR, SAN JUAN CHAMA, OR OTHER WATER UTILITY DESIGNATED LINES MAY NOT BE PERMITTED FROM APRIL 1 THROUGH SEPTEMBER 30 DUE TO THE DEMAND ON THE SYSTEM. CONSTRUCTION SCHEDULES WILL NEED TO BE COORDINATED WITH THE WATER AUTHORITY, PLANT & FIELD DIVISIONS WHEN THESE TYPES OF WATERLINES ARE IMPACTED.

35. CONTRACTOR SHALL COORDINATE WITH PERTINENT UTILITY COMPANIES OF ALL EXISTING UTILITY LINES AND APPURTENANCES ENCOUNTERED DURING CONSTRUCTION THAT REQUIRE RELOCATION. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR DELAYS OR INCONVENIENCES CAUSED BY UTILITY WORK CREWS. THE CONTRACTOR SHALL RESCHEDULE HIS ACTIVITIES AS NECESSARY TO ALLOW UTILITY WORK CREWS TO PERFORM THE REQUIRED WORK.

36. CONTRACTOR SHALL COORDINATE ANY REQUIRED UTILITY INTERRUPTIONS WITH THE AFFECTED UTILITY COMPANY A MINIMUM OF THREE WORKING DAYS BEFORE THE INTERRUPTION.

37. POT HOLE DATA ON THESE PLANS ARE FOR INFORMATION ONLY AND ARE NOT TO BE RELIEVE THE CONTRACTOR FROM RESPONSIBILITY TO CONDUCT POT HOLE EXCAVATION IN ADVANCE OF CONSTRUCTION. CONTRACTOR SHALL POT HOLE THE ENTIRE JOB SITE CORRIDOR WELL IN ADVANCE OF CONSTRUCTION PROVIDING THE ENGINEER AND OWNER WITH A DETAILED TABLE OF POTENTIAL INTERFERENCES LISTING AT A MINIMUM THE ELEVATIONS OF BOTH THE PROPOSED UNDERGROUND UTILITY INFRASTRUCTURE AND EXISTING INTERFERING UTILITIES SO THAT THE OWNER MAY HAVE THE OPPORTUNITY TO CHANGE THE ALIGNMENT, IF NECESSARY, OR NOTIFY EXISTING UTILITY OWNERS TO RELOCATE THEIR LINES AS NECESSARY. ALL UTILITY LOCATION EFFORTS SHALL BE AT THE CONTRACTOR'S EXPENSE AND NO SEPARATE PAYMENT SHALL BE MADE TO THE CONTRACTOR. ANY DELAYS AND ASSOCIATED COSTS FOR UTILITY CONFLICTS THAT ARE CAUSED BY INSUFFICIENT UTILITY LOCATING EFFORTS BY THE CONTRACTOR SHALL BE THE FULL RESPONSIBILITY OF THE CONTRACTOR AND NO ADDITIONAL PAYMENT WILL BE MADE TO THE CONTRACTOR.

38. IF ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES ARE SHOWN ON THESE DRAWINGS, THEY ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. IF ANY SUCH EXISTING LINES ARE SHOWN, THE LOCATION IS BASED UPON INFORMATION PROVIDED BY THE OWNER OF SAID UTILITY, AND THE INFORMATION MAY BE INCOMPLETE, OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. THE ENGINEER HAS CONDUCTED ONLY PRELIMINARY INVESTIGATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF THE EXISTING UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES. THIS INVESTIGATION IS NOT CONCLUSIVE, AND MAY NOT BE COMPLETE; THEREFORE, THE ENGINEER ASSUMES NO RESPONSIBILITY OR LIABILITY FOR THE RESULTS OF THE INVESTIGATION. THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE, PIPELINE, OR UNDERGROUND UTILITY LINE IN OR NEAR THE AREA OF WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINES, AND UNDERGROUND UTILITY LINES. IN PLANNING AND CONDUCTING EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES.

39. ALL UTILITY LINES SHALL BE MAINTAINED IN SERVICE. SHORING, SHEETING, AND OTHER MEANS OF SUPPORT SHALL BE EMPLOYED BY THE CONTRACTOR TO PREVENT DAMAGE OF LOSS OF THESE EXISTING UTILITIES. BEAM AND CABLE OR OTHER ADEQUATE SUPPORTS SHALL BE USED FOR TEMPORARY SUPPORT OF ALL UTILITY LINES. ANY DAMAGE TO EXISTING UTILITIES SHALL BE PROMPTLY REPAIRED AT THE CONTRACTOR'S EXPENSE. THE ENGINEER MUST BE IMMEDIATELY NOTIFIED OF ANY SIGNIFICANT DEVIATION OF EXPOSED UTILITIES FROM THE LOCATIONS SHOWN ON THE PLANS SO THAT CONFLICTS CAN BE RESOLVED IN A TIMELY MANNER.

40. CONTRACTOR SHALL PROVIDE A UTILITY SUPPORT DESIGN FOR ALL LARGE AND/OR CRITICAL SERVICES (E.G. COMMUNICATIONS AND ELECTRIC DUCT BANKS, EXPOSED GRAVITY LINE JOINTS, PRESSURIZED WATERLINES, SEWER FORCE MAINS, ETC.). SUPPORT FOR THESE CRITICAL SERVICES SHALL BE DESIGNED AND SEALED BY A REGISTERED PROFESSIONAL ENGINEER AND SUBMITTED TO OWNER FOR APPROVAL. THE DESIGN AND INSTALLATION OF BOTH CRITICAL AND NONCRITICAL SUPPORTS SHALL BE PERFORMED AT THE CONTRACTOR'S EXPENSE.

41. FOR PIPELINE TRENCH EXCAVATION, CONTRACTOR SHALL COMPLY WITH THE OSHA REGULATIONS STANDARD NO. 1926. TRENCH SUPPORT AND TEMPORARY SHORING SHALL BE REQUIRED FOR PROTECTION OF LIFE AND LIMB DURING PIPELINE CONSTRUCTION TO SATISFY CONSTRAINTS IDENTIFIED IN THE DRAWINGS FOR LIMITS OF DISTURBANCE, PROTECTION OF EXISTING UTILITIES, TRAFFIC CONTROL, ETC. AND SHALL BE DESIGNED BY CONTRACTOR IN ACCORDANCE WITH OSHA STANDARDS. THESE COSTS SHALL BE AT THE CONTRACTOR'S EXPENSE AND NO SEPARATE PAYMENT SHALL BE MADE.

42. TRENCHING, ASPHALT CUTTING AND PATCHING SHALL CONFORM TO BERNALILLO COUNTY STANDARD DRAWING 2465.

43. CONTRACTOR SHALL UTILIZE FLOW ABLE FILL WHEREVER BACK FILL MATERIAL CANNOT BE PLACED AND COMPACTED BETWEEN THE NEW PIPE LINE AND EXISTING UTILITIES OR IF THE VERTICAL SEPARATION BETWEEN THE NEW PIPE LINE AND EXISTING UTILITY IS LESS THAN 12-INCHES.

44. ALL EXISTING WATER VALVE BOXES AND MANHOLES WITHIN CONSTRUCTION LIMITS ARE TO BE ADJUSTED TO FINAL GRADE AND WILL BE MEASURED AND PAID PER EACH.

PAVEMENT:

45. TEMPORARY PAVEMENT SHALL BE PLACED AT ALL TRENCHES REQUIRED FOR THE UTILITY REPLACEMENT IN THOSE AREAS THAT MUST MAINTAIN TRAFFIC UNTIL THE FINAL PAVEMENT WORK STARTS IN EACH AREA. TEMPORARY STRIPING SHALL BE THE CONTRACTOR'S RESPONSIBILITY. MAINTENANCE OF TEMPORARY PAVING AND STRIPING SHALL BE AT THE CONTRACTOR'S EXPENSE.

46. WHEN ABUTTING NEW PAVEMENT TO THE EXISTING INTERSECTING STREETS, THE EXISTING PAVEMENT SHALL BE SAW CUT PER BERNALILLO COUNTY STANDARD DRAWING 2465 TO A STRAIGHT LINE AT RIGHT ANGLES AND ANY BROKEN OR CRACKED PAVEMENT SHALL BE REMOVED. ALL SAW CUT PAVEMENT SHALL HAVE A UNIFORM EDGE AND SHALL HAVE TACK COAT APPLIED. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE.

47. WHEN ABUTTING EXISTING AREAS, ALL NEW STREET PAVING, DRIVEWAYS, AND SIDEWALKS SHALL MATCH THE ELEVATION OF THOSE AREAS.

48. WHERE A PROFILE GRADE IS NOT PROVIDED IN THE PLANS, STREET CENTERLINE GRADES SHALL BE RESTORED BY THE CONTRACTOR TO THE EXISTING CENTERLINE GRADES. CROSS SECTION THE EXISTING ROAD PRIOR TO CONSTRUCTION AT 50' MINIMUM SPACING. MINOR ADJUSTMENTS TO THE STREET GRADES MAY BE NECESSARY AND WILL BE DIRECTED BY THE PROJECT MANAGER. MINOR ADJUSTMENTS TO STREET GRADES WILL BE AT THE CONTRACTOR'S EXPENSE AND NO ADDITIONAL MEASUREMENT OR PAYMENT SHALL BE MADE. SMOOTH TRANSITIONS SHALL BE MADE BETWEEN EXISTING PAVEMENT WHICH REMAINS IN PLACE AND PAVEMENT WHICH IS BEING REPLACED. TRAFFIC CONTROL DEVICES, INCLUDING PAVEMENT MARKINGS MUST BE RESTORED TO THE SAME OR BETTER CONDITIONS AS BEFORE CONSTRUCTION.

49. THE FINAL SURFACE OF THE REPLACED PAVEMENT AND GUTTER SHALL CONFORM TO A GRADE LINE SET BY THE CONTRACTOR SUCH THAT THE PAVEMENT AND GUTTER WILL READILY DRAIN AND DOES NOT VARY SIGNIFICANTLY FROM ADJACENT EXISTING GRADES.

50. MATCH FLOW LINES OF CURB AND GUTTER TO EXISTING WHEN CONNECTING NEW CURB AND GUTTER TO EXISTING.

51. WHEN REMOVAL OF EXISTING CURB AND GUTTER OR SIDEWALK IS REQUIRED, REMOVE BACK TO NEAREST SUITABLE JOINT UNLESS OTHERWISE NOTED.

52. PAVEMENT DROP-OFF POLICY: IF A PAVEMENT DROP-OFF IS CREATED DURING CONSTRUCTION, THE CONTRACTOR SHALL INITIATE PROTECTIVE ACTION IN ACCORDANCE WITH THE NMDOT CURRENT DROP-OFF POLICY. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE AND NO SEPARATE PAYMENT OR MEASUREMENT WILL BE MADE.

53. MAXIMUM ALLOWABLE VERTICAL DROP BETWEEN CONCRETE CURB RAMPS AND ADJACENT STREET PAVEMENT IS 1/4". FAILURE TO MEET THIS REQUIREMENT SHALL NECESSITATE SUFFICIENT SURFACE CORRECTION AS TO ACHIEVE THE REQUIRED TOLERANCE, AS APPROVED BY THE ENGINEER, AT NO EXPENSE TO THE CONTRACTING AGENCY.

54. SUB GRADE PREPARATION UNDER SIDEWALKS AND DRIVE PADS, AND SUB GRADE AND SUB BASE PREPARATION UNDER CURB AND GUTTER IS AT THE CONTRACTOR'S EXPENSE AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE.

55. CONTRACTOR WILL NOT PAVE OVER ANY SURFACE FEATURE, I.E., GAS VALVE, MANHOLE COVER, WATER VALVE, ETC. WITHOUT PRIOR APPROVAL FROM THE PROJECT ENGINEER.

56. INSTALL BLUE REFLECTIVE RAISED PAVEMENT MARKERS IN THE CENTER OF ROADWAY TO DELINEATE ALL HYDRANT LOCATIONS. THIS WORK IS AT THE CONTRACTOR'S EXPENSE AND NO ADDITIONAL MEASUREMENT OR PAYMENT SHALL BE MADE.

TRAFFIC:

57. THE CONTRACTOR SHALL CONTACT PROJECT ENGINEER (848-1500) BEFORE REMOVING AND/OR INSTALLING ANY TRAFFIC SIGNS OR PERMANENT STRIPING AND MARKINGS.

58. ALL TRAFFIC SIGNS AND CODING SHALL BE IN CONFORMANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) LATEST EDITION. COORDINATE NEW SIGN LOCATIONS WITH PROJECT ENGINEER PRIOR TO INSTALLATION OR AS CALLED OUT IN THE PLANS.

59. ALL DETOURS AND ROADWAYS SHALL BE PAVED AND STRIPED PRIOR TO OPENING ANY SECTION TO TRAFFIC.

60. THE CONTRACTOR SHALL COORDINATE WITH NMDOT/COA FOR CONSTRUCTION BARRICADING AND TRAFFIC CONTROL FOR ANY WORK ON NMDOT/COA RIGHT-OF-WAY.

EPA GENERAL NOTES:

61. IF ANY THREATENED OR ENDANGERED SPECIES OR THEIR HABITATS ARE DISCOVERED DURING CONSTRUCTION, WORK WILL CEASE IMMEDIATELY AND THE EPA WILL BE NOTIFIED IN ORDER THAT APPROPRIATE MEASURES CAN BE TAKEN IN ACCORDANCE WITH THE ENDANGERED SPECIES ACT.

62. CONSTRUCTION MATERIAL AND WASTE PRODUCTS, INCLUDING MACHINERY LEAKAGE, MAINTENANCE MATERIAL AND SPILLS, WILL BE CONTAINED AND PROPERLY DISPOSED PRIOR TO PROJECT COMPLETION.

63. IF HUMAN REMAINS ARE ENCOUNTERED DURING CONSTRUCTION, APPROPRIATE LAW ENFORCEMENT AUTHORITIES AND THE OFFICE OF THE MEDICAL EXAMINER WILL BE CONTACTED.

64. IF CULTURAL MATERIALS ARE DISCOVERED DURING CONSTRUCTION, WORK WILL CEASE IMMEDIATELY, AND EPA AND THE NEW MEXICO STATE HISTORIC PRESERVATION OFFICER AT (505) 827-4044, WILL BE NOTIFIED OF THE DISCOVERY. EPA WILL PROCEED IN ACCORDANCE WITH THE REGULATIONS OF THE ADVISORY COUNCIL ON HISTORIC PRESERVATION PRIOR TO TAKING ANY ACTION WHICH WOULD AFFECT THE CULTURAL RESOURCES.

OTHER:

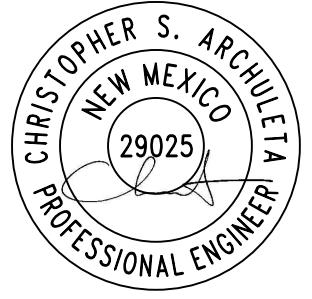
65. ADJACENT PROPERTIES WILL NOT BE DISTURBED WITH CONSTRUCTION OF THE INFRASTRUCTURE SHOWN HEREIN.

66. CONTRACTOR SHALL CAUSE MINIMAL DISTURBANCE DURING CONSTRUCTION OF RETAINING WALLS, DRAINAGE CHANNELS AND PONDS IN THE 50-FT WIDE OPEN SPACE BUFFER. CROSS SECTIONS IN THIS PLAN SET DESIGNATE APPROXIMATE NON-DISTURBED AREAS. NOTIFY ENGINEER IF THESE AREAS WILL DIFFER FROM THE DISTANCES IN THESE CONSTRUCTION PLANS.

67. AREAS DISTURBED FOR PONDS AND THE CHANNEL SHALL BE RESEDED FOLLOWING STANDARD SPECIFICATION 1012.


ABBREVIATIONS

@	AT
CL	CENTERLINE
COA	CITY OF ALBUQUERQUE
DWG	DRAWING
DTL	DETAIL
DI	DROP INLET
EL	ELEVATION
FL	FLOWLINE
INV	INVERT
LF	LINEAR FEET
LT	LEFT
MAX	MAXIMUM
MIN	MINIMUM
MH	MANHOLE
NO	NUMBER
PC	POINT OF CURVATURE
RCP	REINFORCED CONCRETE PIPE
RT	RIGHT
STA	STATION
STD	STANDARD
TA	TOP OF ASPHALT
TP	TOP OF PIPE
TBC	TOP BACK CURB
TC	TOP OF CONCRETE
BOT OF CHANNEL	BOTTOM OF CHANNEL

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	CONTRACTOR	DATE	NO.	BY		12.19.2025
WORK SPARKED BY	DATE	NO.	DATE	NO.	BY		
ACCEPTANCE BY	DATE	REMARKS	DATE	REVISIONS	DATE	DESIGNED BY	DATE
FIELD VERIFICATION BY	DATE	DESIGN	DATE	CHECKED BY	DATE	DRAWN BY	DATE
DRAWINGS CORRECTED BY	DATE						
MICRO-FILM INFORMATION							
RECORDED BY	DATE						
NO.	DATE						

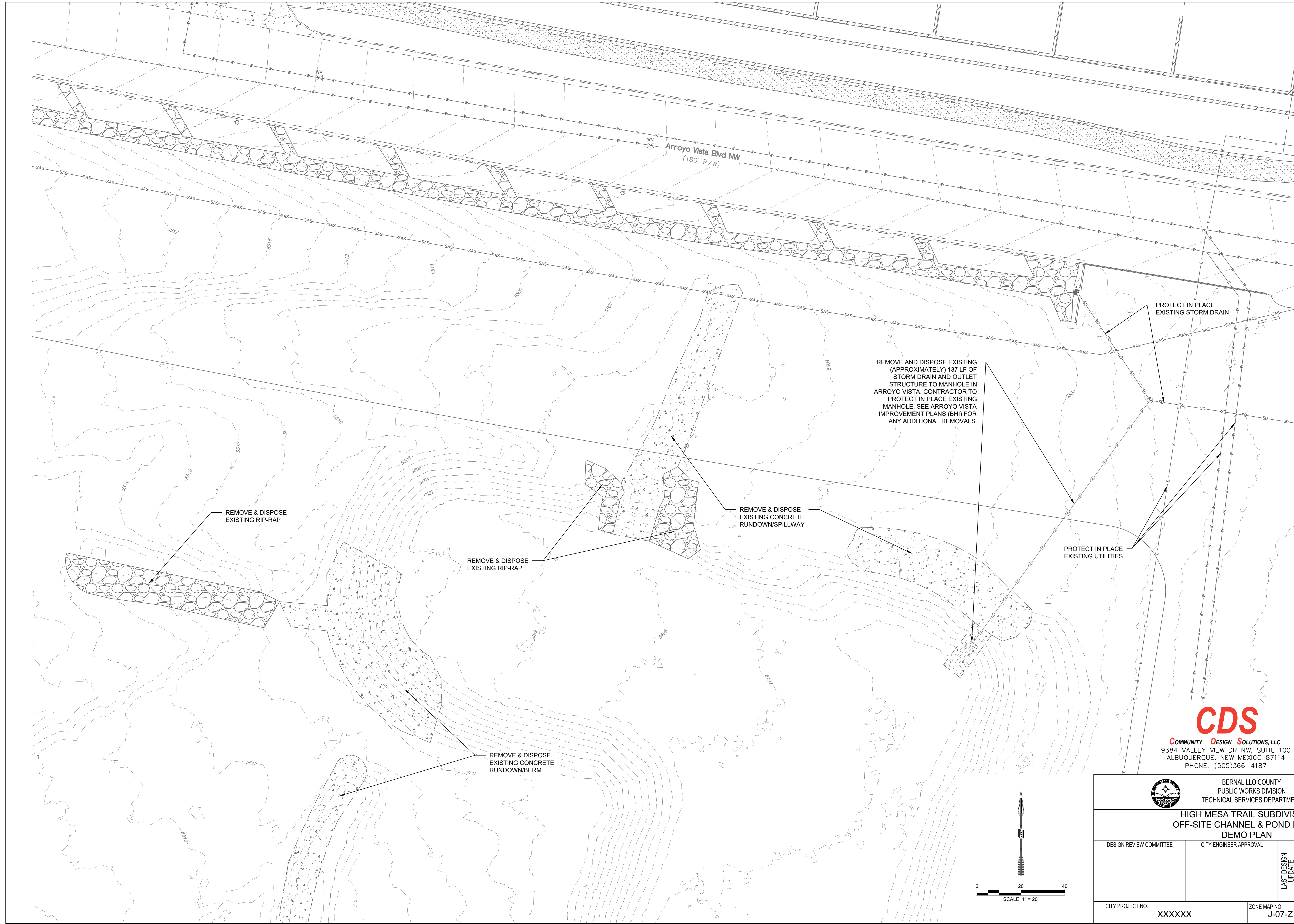


COMMUNITY DESIGN SOLUTIONS, LLC
 9384 VALLEY VIEW DR NW, SUITE 100
 ALBUQUERQUE, NEW MEXICO 87114
 PHONE: (505)366-4187

 BERNALILLO COUNTY PUBLIC WORKS DIVISION TECHNICAL SERVICES DEPARTMENT	
HIGH MESA TRAIL SUBDIVISION OFF-SITE CHANNEL & POND PLANS GENERAL NOTES & RESEVOIR ROUTING SUMMARY TABLE	
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
LAST DESIGN UPDATE	MO./DAY/YR. MO./DAY/YR.
CITY PROJECT NO. XXXXXX	ZONE MAP NO. J-07-Z
SHEET 2	OF 30

Name	Inflow Volume	Outflow Volume +	Inflow Discharge	Outflow Peak Discharge	Peak Attenuated	Design Pond Storage Volume to Emergency Spillway	Design Pond Storage Volume to Top of Pond	Peak Stored Volume	Pond Depth	Peak Water Surface Elevation	Peak Water Depth	Pond Invert	Emergency Spillway Elevation	Top Of Pond Elevation	Freeboard to Emergency Spillway	Freeboard to Top of Pond Embankment
	ac-ft	ac-ft	cfs	cfs	cfs	ac-ft	ac-ft	ac-ft	ft.	ft.	ft.	ft.	ft.	ft.	ft.	ft.
West Pond	496.8	496.8	355.1	221.8	133.3	10.2	11.3	9.2	20.0	5572.0	18.0	5554.0	5573.0	5574.0	1.0	2.0
East Pond	6.0	5.7	135.0	1.4	133.6	11.5	12.9	6.3	15.0	5499.4	9.4	5490.0	5504.0	5505.0	4.6	5.6

* East Pond has water quality included in routing summary.



AS-BUILT INFORMATION	
CONTRACTOR	DATE
WORK STARTED BY	DATE
ACCEPTANCE BY	DATE
FIELD VERIFICATION BY	DATE
DRAWINGS CORRECTED BY	DATE
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	DATE

BENCH MARKS	

SURVEY INFORMATION	
FIELD NOTES	
NO.	DATE

ENGINEER'S SEAL

12.19.2025

NO.	DATE	BY

REMARKS
REVISIONS
DESIGN

DESIGNED BY: CDS DATE: 12/19/2025
 CHECKED BY: CDS DATE: 12/19/2025
 DRAWN BY: CDS DATE: 12/19/2025

CDS
 COMMUNITY DESIGN SOLUTIONS, LLC
 9384 VALLEY VIEW DR NW, SUITE 100
 ALBUQUERQUE, NEW MEXICO 87114
 PHONE: (505)366-4187

BERNALILLO COUNTY
 PUBLIC WORKS DIVISION
 TECHNICAL SERVICES DEPARTMENT

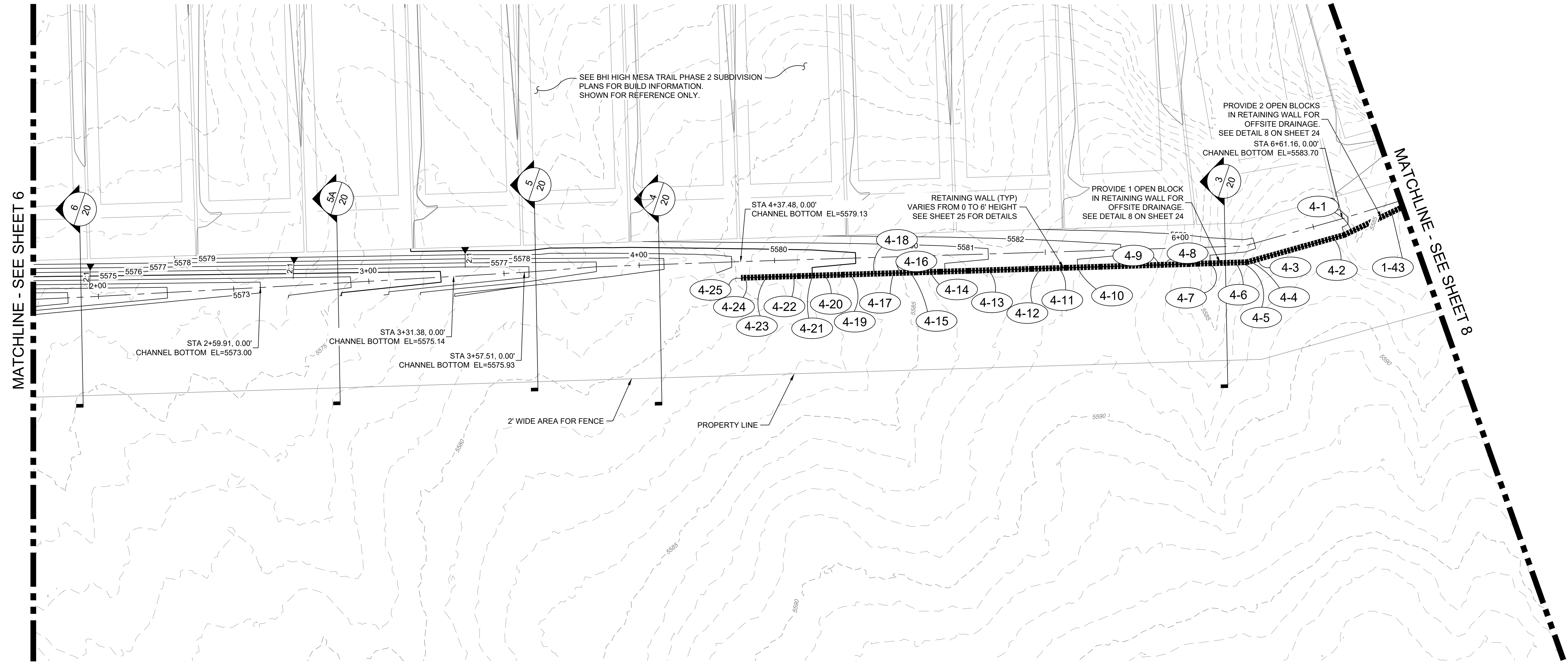
**HIGH MESA TRAIL SUBDIVISION
 OFF-SITE CHANNEL & POND PLANS
 DEMO PLAN**

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO. XXXXXX ZONE MAP NO. J-07-Z SHEET 3 OF 30

File: 19-Dec-2025 3:02 pm, Plotted by: CHRISTOPHER ARCHULETA
 P:\2420 - Palis LOM\24205 - Inspiration Subdivision\DWG\4-Sheets\3 Demo Plan.dwg

NOTE:
SOUTHWEST CHANNEL IMPROVEMENTS
WILL BE CONSTRUCTED WITH PHASE 1 OF
BHI HIGH MESA TRAIL ONSITE CONSTRUCTION
PLANS.



MATCHLINE - SEE SHEET 6

MATCHLINE - SEE SHEET 8

AS-BUILT INFORMATION	
CONTRACTOR	DATE
WORK	DATE
STARTED BY	DATE
ACCEPTANCE BY	DATE
FIELD	DATE
PREPARED BY	DATE
DESIGNED BY	DATE
CHECKED BY	DATE
DRAWN BY	DATE

BENCH MARKS	
NO.	DATE

SURVEY INFORMATION	
FIELD NOTES	DATE
NO.	BY

ENGINEER'S SEAL

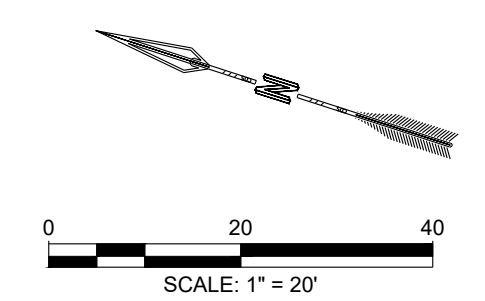
12.19.2025

REVISIONS	DATE	BY
DESIGNED BY CDS	DATE 12/19/2025	
CHECKED BY CDS	DATE 12/19/2025	
DRAWN BY CDS	DATE 12/19/2025	

CDS

COMMUNITY DESIGN SOLUTIONS, LLC
9384 VALLEY VIEW DR NW, SUITE 100
ALBUQUERQUE, NEW MEXICO 87114
PHONE: (505)366-4187

LEGEND:
1-6 RETAINING WALL POINTS - SEE RETAINING WALL TABLE ON SHEET 26



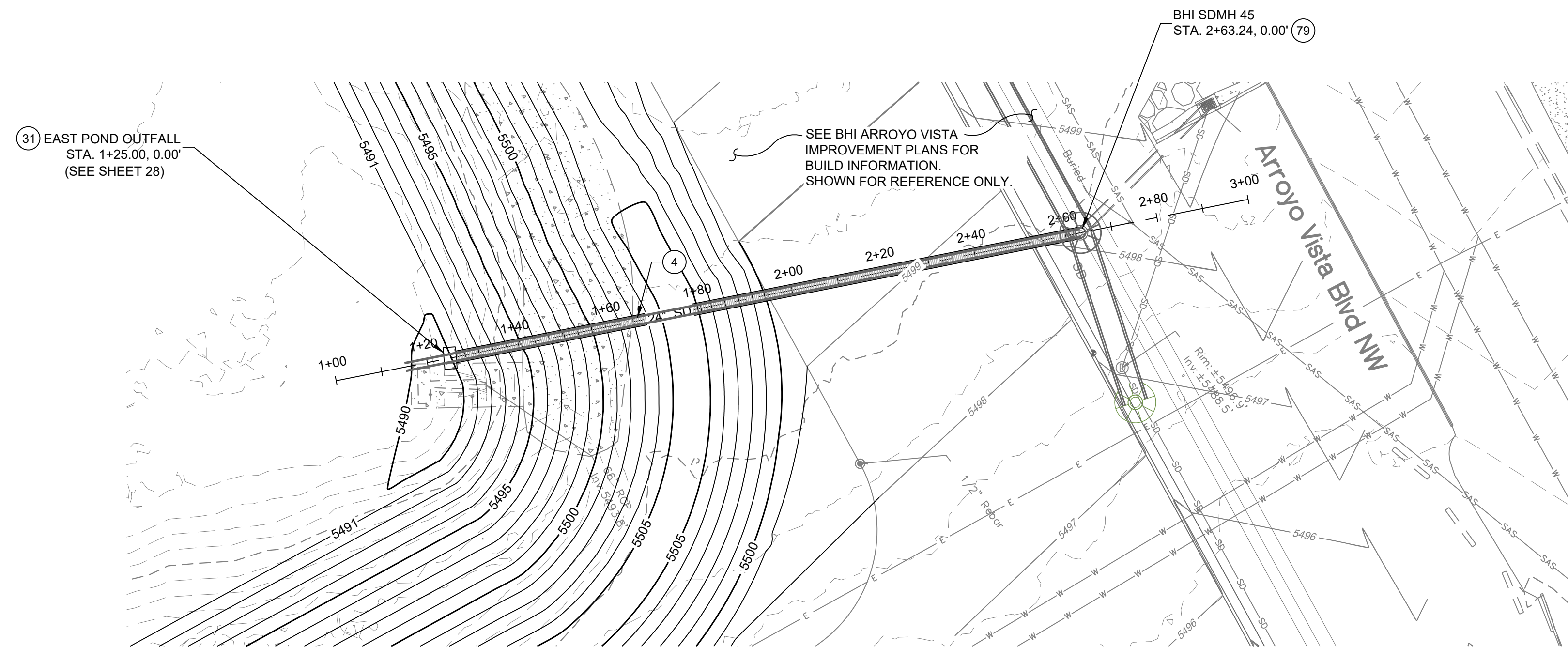
BERNALILLO COUNTY
PUBLIC WORKS DIVISION
TECHNICAL SERVICES DEPARTMENT

**HIGH MESA TRAIL SUBDIVISION
OFF-SITE CHANNEL & POND PLANS
SOUTHWEST CHANNEL GRADING PLAN 1**

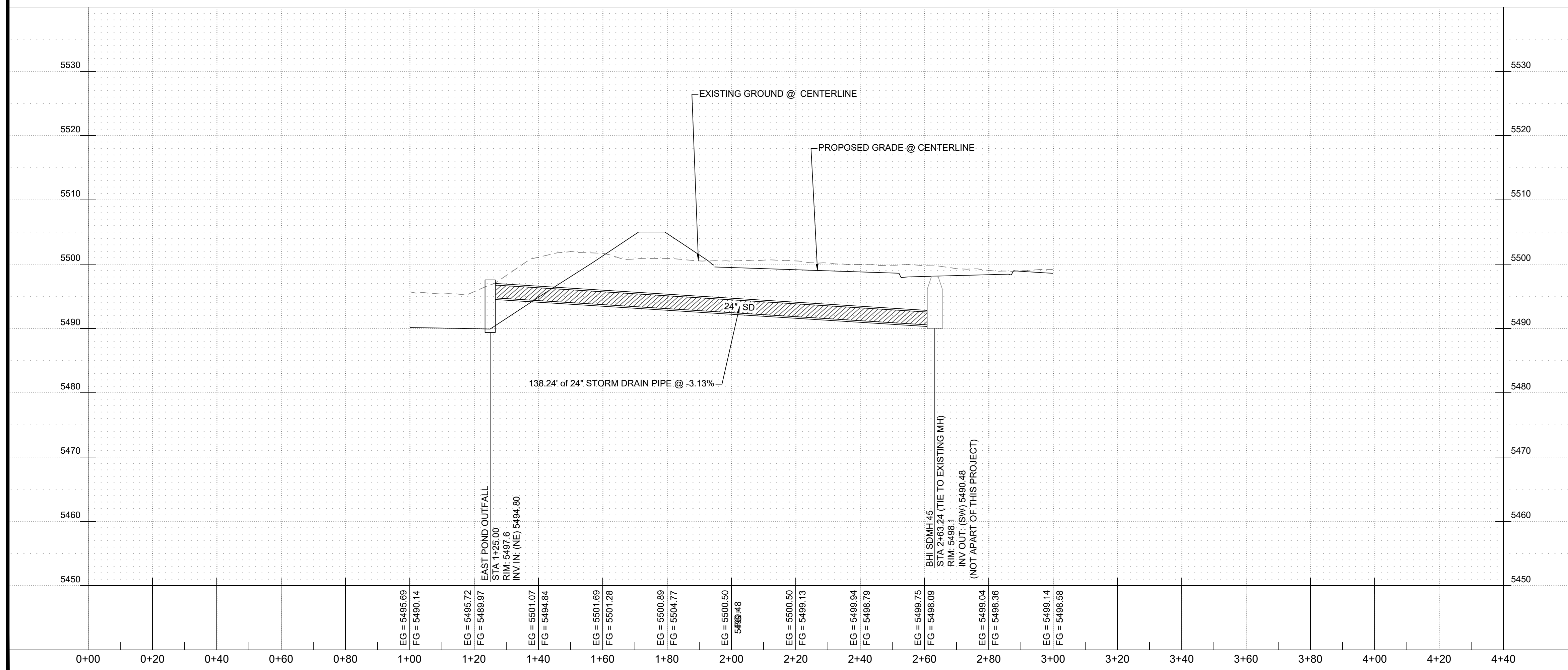
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO. XXXXXX ZONE MAP NO. J-07-Z SHEET 7 OF 30

File: 19-Dec-2025 3:03 pm. Plotted by: CHRISTOPHER ARCHULETA
P:\2420 - Public Works\24205 - Inspiration Subdivision\DWG\Sheets\Grading Plan Sheets.dwg



EAST POND - 24" STORM DRAIN



STORM DRAIN CONSTRUCTION NOTES

I.D.#	DESCRIPTION
4	INSTALL 24" STORM DRAIN PIPE
31	BUILD PRINCIPAL SPILLWAY STRUCTURE
79	CONNECT 24" STORM DRAIN LINE TO BHI'S ARROYO VISTA INFRASTRUCTURE STORM DRAIN MANHOLE

- NOTES:**
- CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND DEPTHS PRIOR TO ANY CONSTRUCTION.
 - STORM DRAIN MATERIAL TYPE IS CLASS III RCP, UNLESS OTHERWISE NOTED.

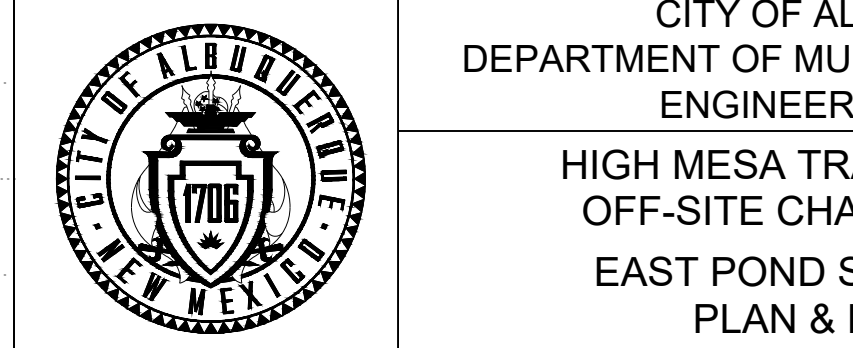
LEGEND

WATERLINE	— W —
SANITARY SEWER LINE	— SAS —
STORM DRAIN LINE	— SD —
EXISTING STORM DRAIN LINE	— SD —

SCALE: HORIZONTAL: 1" = 20' VERTICAL: 1" = 10'

DESIGNED BY: CDS
 DRAWN BY: CDS
 CHECKED BY: CDS
 DATE: 10/10/25

nm811
 Know what's below. Call before you dig.



HIGH MESA TRAIL SUBDIVISION
 OFF-SITE CHANNEL & PONDS
 EAST POND STORM DRAIN
 PLAN & PROFILE

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	ZONE MAP NO. J-7
		CITY PROJECT NO. XXXXXX
		SHEET NO. 13

CDS
 COMMUNITY DESIGN SOLUTIONS, LLC
 9384 VALLEY VIEW DR. NW, SUITE 100
 ALBUQUERQUE, NEW MEXICO 87114
 PHONE: (505)366-4187

CONSULTANTS

BENCH MARKS
 ACS MONUMENT "REWARD" HAVING AN ELEVATION OF 5319.688 FEET.

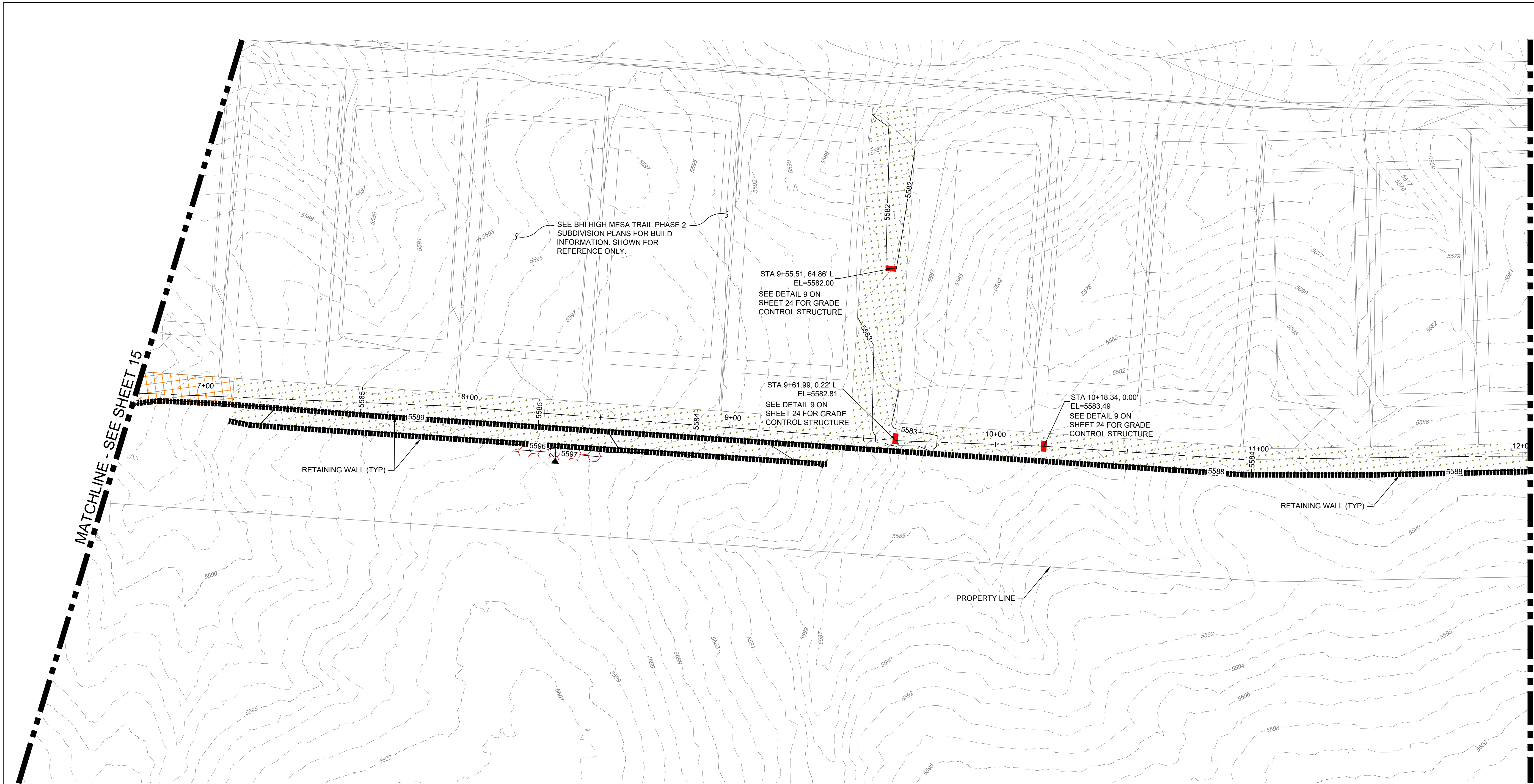
THE COORDINATES SHOWN HEREON REFERENCE MODIFIED NEW MEXICO STATE PLANE COORDINATES IN AD 83-GROUND-CENTRAL ZONE), USING A GROUND TO GRID FACTOR OF 0.9996675047, WITH AN ORIGIN OF (0,0).

100% NOT FOR CONSTRUCTION

SEAL

NO.	DATE	DESCRIPTION	BY

CONTRACTOR: _____
 AS-BUILT INFORMATION: _____
 WORK STAKED BY: _____
 INSPECTOR'S ACCEPTANCE BY: _____
 FIELD VERIFICATION BY: _____
 DRAWINGS CORRECTED BY: _____



MATCHLINE - SEE SHEET 15

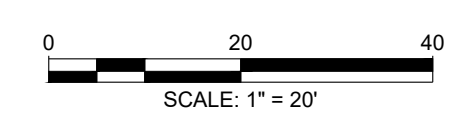
MATCHLINE - SEE SHEET 17

NOTES:

- AGAINST SHOTCRETE EDGE AND RETAINING WALLS, TIE SLOPES SHOULD BE COVERED WITH FRACTURED ROCK. DUE TO SCALE OF THIS SHEET, NOT ALL HATCHES ARE SHOWN FOR TIE SLOPES.

LEGEND

- NATIVE GRASS SEEDING
- SEEDING WITH GRAVEL MULCH: 2" THICK LAYER OF GRAVEL AND SEED
- STRUCTURAL CONCRETE (8" THICK)
- 6" BASE COURSE (SEE SHEET 19 FOR DETAIL)
- RIPRAP: DUMPED ROCK TYPE VL
- RIPRAP: PLUNGE POOL ROCK (SEE DETAIL SHEETS FOR ROCK SIZE & DEPTH)
- FRACTURED 4" ROCK
- SHOTCRETE (INCLUDES REINFORCEMENT)
- GRADE CONTROL STRUCTURE
- BIO SWALE (BUILD BIO SWALE PER BERNALILLO COUNTY DETAIL CSI-04 ON SHEET 22. REFER TO LANDSCAPING PLANS FOR PLANTING TYPES.)



AS-BUILT INFORMATION	
CONTRACTOR	DATE
WORK STARTED BY	DATE
ACCEPTANCE BY	DATE
FIELD VERIFICATION BY	DATE
DESIGNATION BY	DATE
CORRECTED BY	DATE
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	DATE

BENCH MARKS	

SURVEY INFORMATION	
FIELD NOTES	DATE
NO.	BY

ENGINEER'S SEAL

12.19.2025

REVISIONS	DATE	BY
DESIGN	12/19/2025	CDS
	12/19/2025	CDS
	12/19/2025	CDS

CDS

COMMUNITY DESIGN SOLUTIONS, LLC
 9384 VALLEY VIEW DR NW, SUITE 100
 ALBUQUERQUE, NEW MEXICO 87114
 PHONE: (505)366-4187

BERNALILLO COUNTY
 PUBLIC WORKS DIVISION
 TECHNICAL SERVICES DEPARTMENT

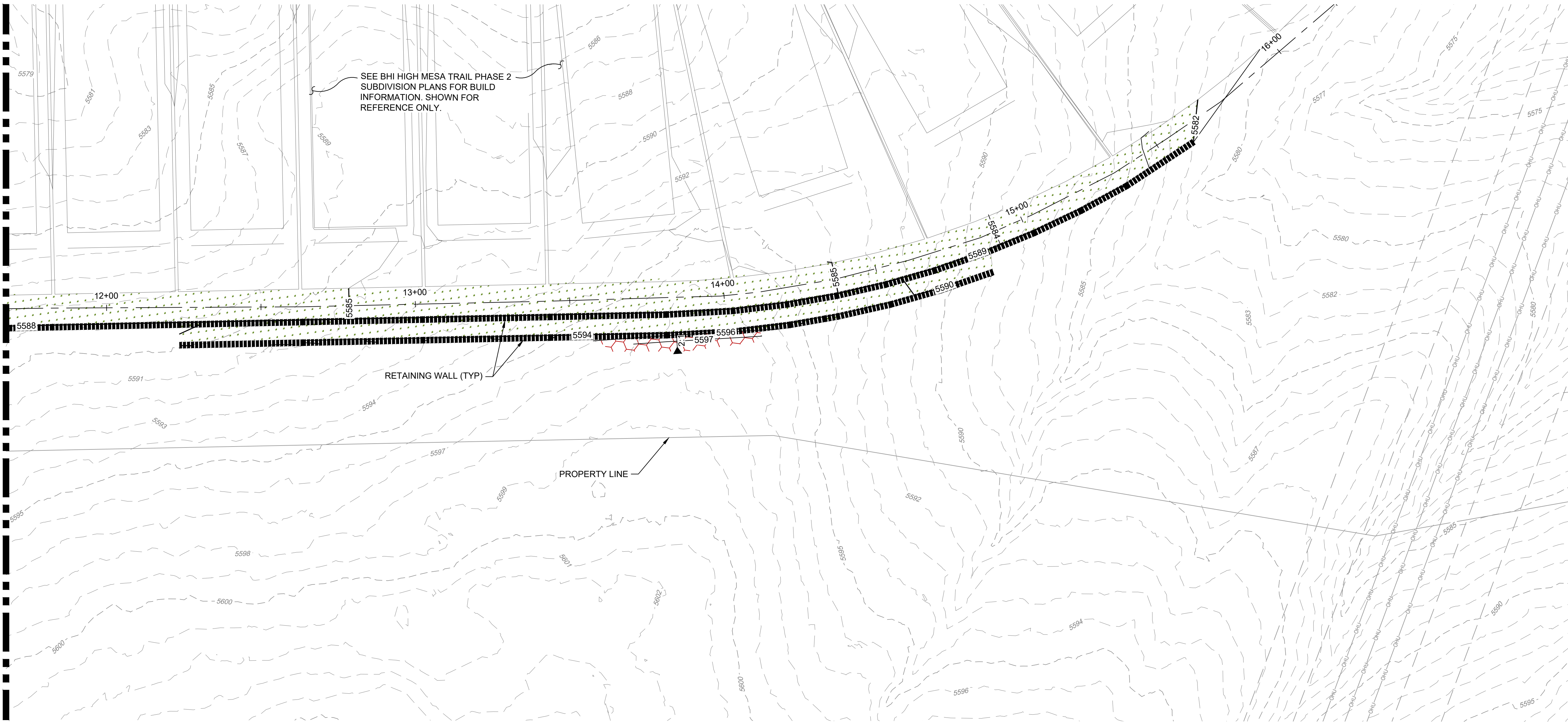
**HIGH MESA TRAIL SUBDIVISION
 OFF-SITE CHANNEL & POND PLANS
 SOUTHWEST CHANNEL ARMORING PLAN 2**

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.

CITY PROJECT NO. XXXXXX ZONE MAP NO. J-07-Z SHEET 16 OF 30

File: 19-Dec-2025 - 3:05 pm. Plotted by: CHRISTOPHER ARCHULETA
 P:\2420 - Palms LOM\242025 - Inspiration Subdivision\DWG\Sheets\Armor Plan Sheets.dwg

MATCHLINE - SEE SHEET 16



SEE BHI HIGH MESA TRAIL PHASE 2 SUBDIVISION PLANS FOR BUILD INFORMATION. SHOWN FOR REFERENCE ONLY.

RETAINING WALL (TYP)

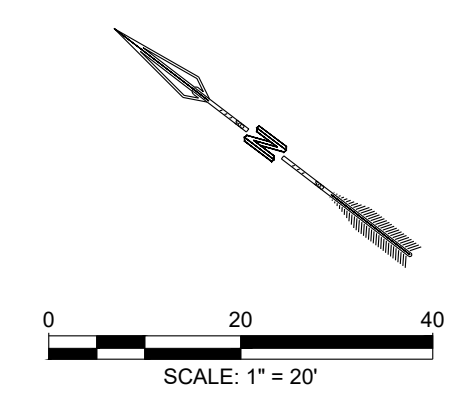
PROPERTY LINE

NOTES:

- AGAINST CONCRETE EDGE AND RETAINING WALLS, TIE SLOPES SHOULD BE COVERED WITH FRACTURED ROCK. DUE TO SCALE OF THIS SHEET, NOT ALL HATCHES ARE SHOWN FOR TIE SLOPES.

LEGEND

- NATIVE GRASS SEEDING
- SEEDING WITH GRAVEL MULCH: 2" THICK LAYER OF GRAVEL AND SEED
- STRUCTURAL CONCRETE (8" THICK)
- 6" BASE COURSE (SEE SHEET 19 FOR DETAIL)
- RIPRAP: DUMPED ROCK TYPE VL
- RIPRAP: PLUNGE POOL ROCK (SEE DETAIL SHEETS FOR ROCK SIZE & DEPTH)
- FRACTURED 4" ROCK
- SHOTCRETE (INCLUDES REINFORCEMENT)
- GRADE CONTROL STRUCTURE
- BIO SWALE (BUILD BIO SWALE PER BERNALILLO COUNTY DETAIL GSI-04 ON SHEET 22. REFER TO LANDSCAPING PLANS FOR PLANTING TYPES.)

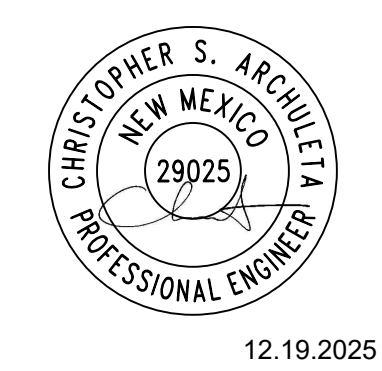


CDS

COMMUNITY DESIGN SOLUTIONS, LLC
9384 VALLEY VIEW DR NW, SUITE 100
ALBUQUERQUE, NEW MEXICO 87114
PHONE: (505)366-4187

<p>BERNALILLO COUNTY PUBLIC WORKS DIVISION TECHNICAL SERVICES DEPARTMENT</p>		<p>HIGH MESA TRAIL SUBDIVISION OFF-SITE CHANNEL & POND PLANS SOUTHWEST CHANNEL ARMORING PLAN 3</p>	
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
		LAST DESIGN UPDATE	
CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
XXXXXX	J-07-Z	17	30

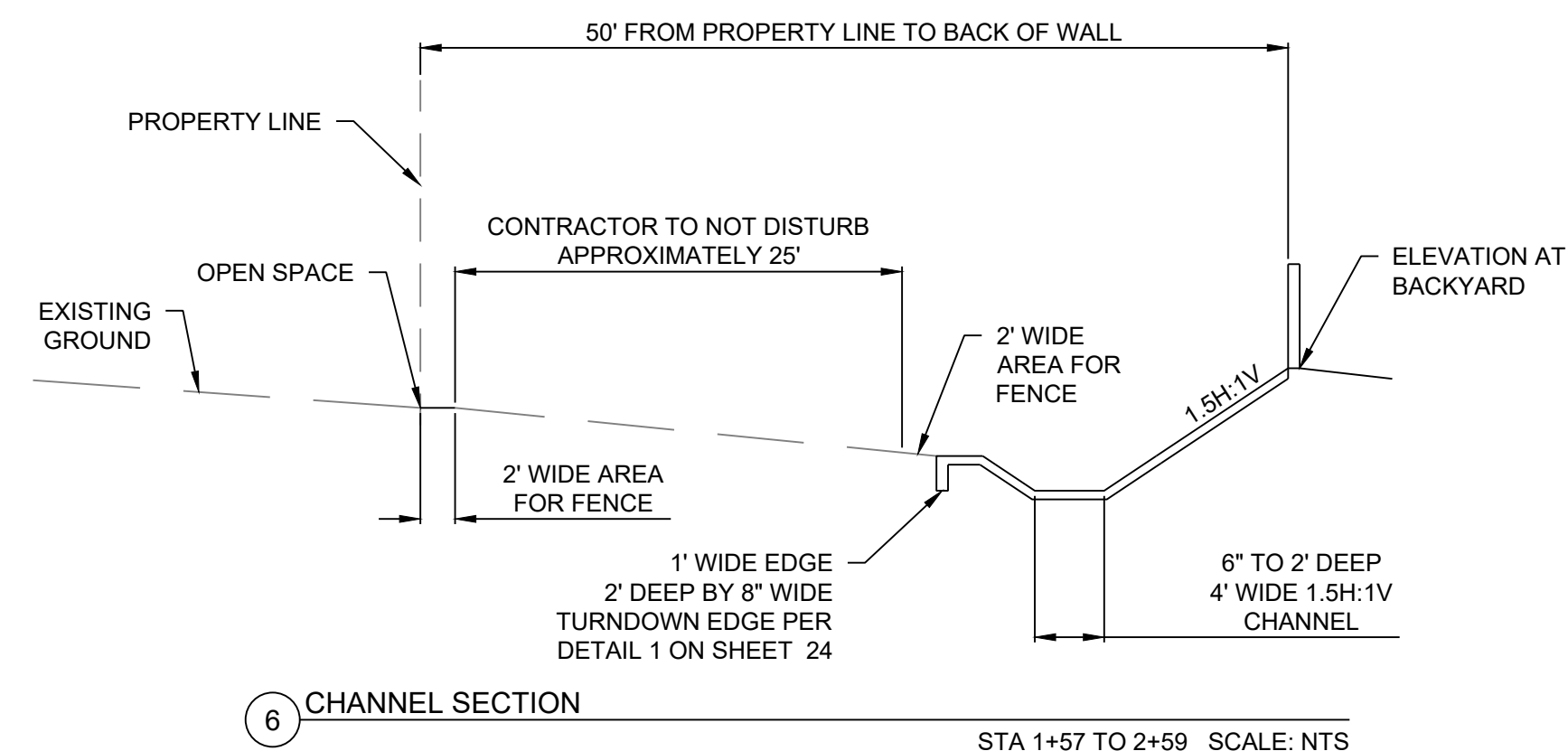
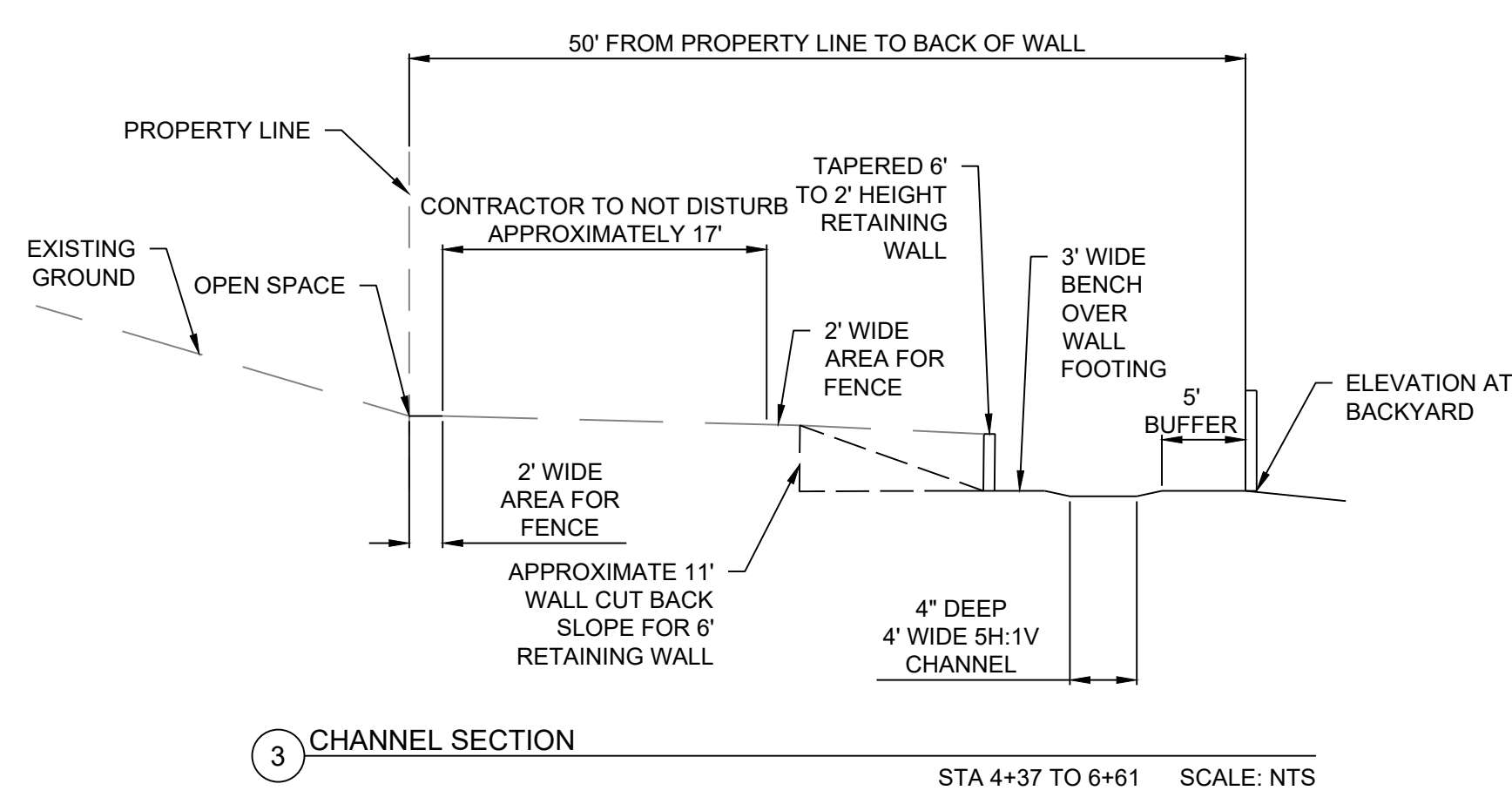
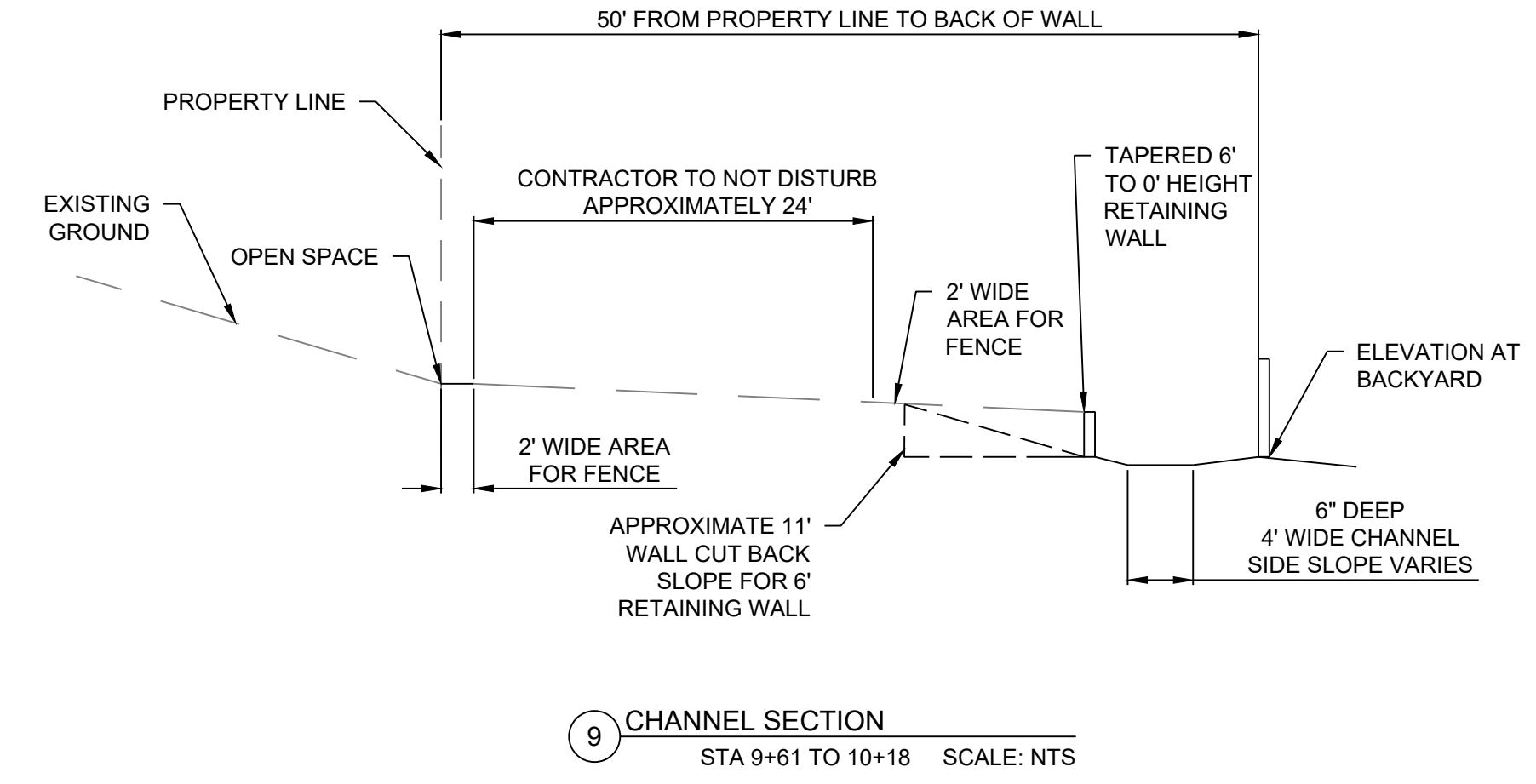
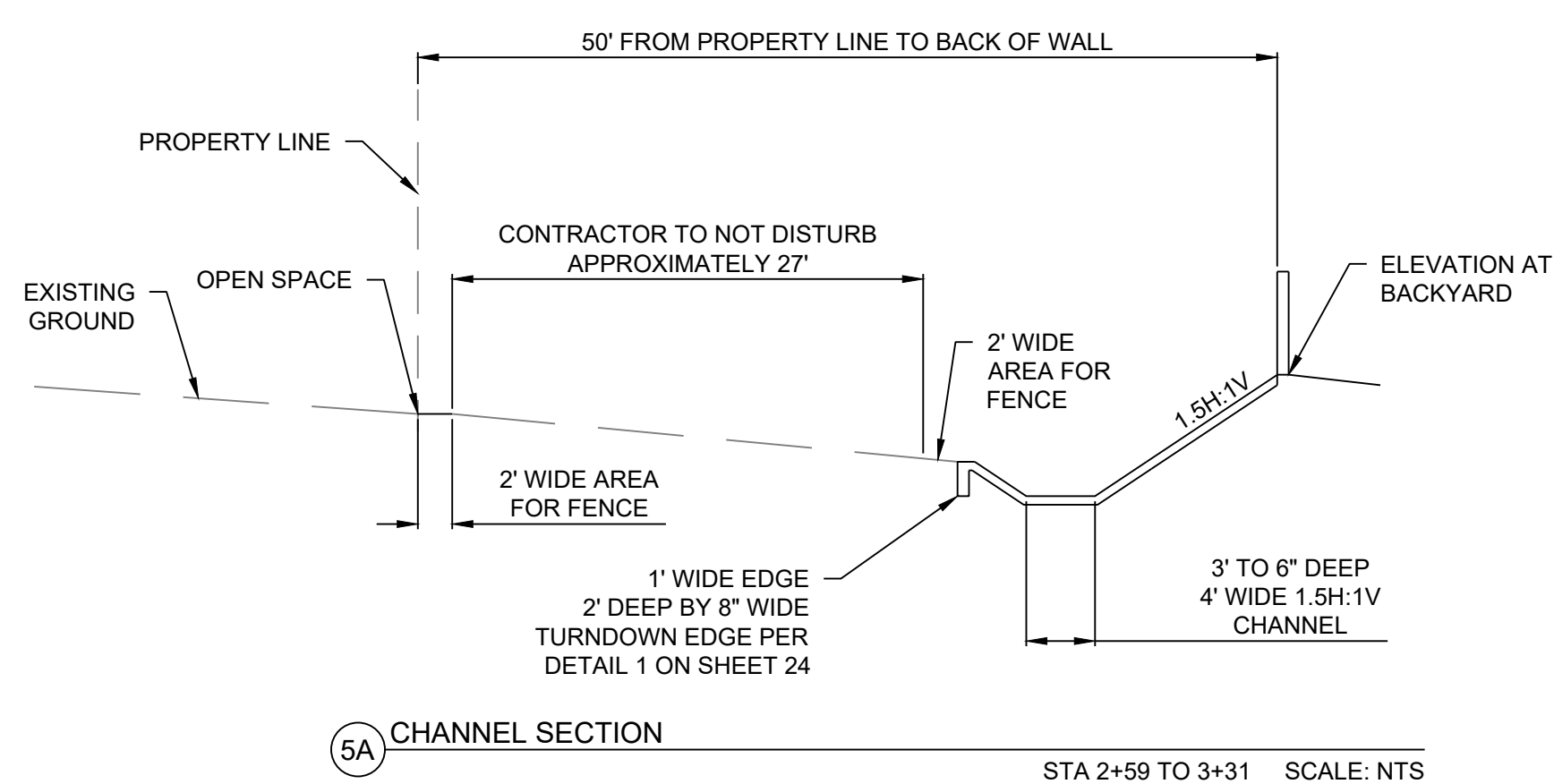
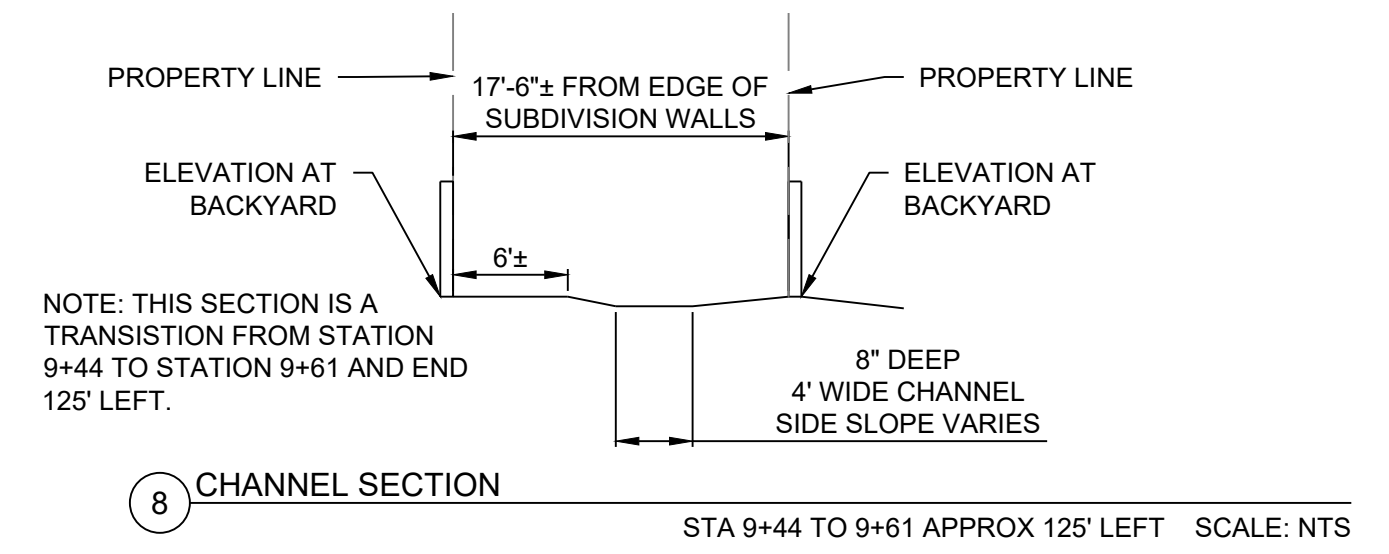
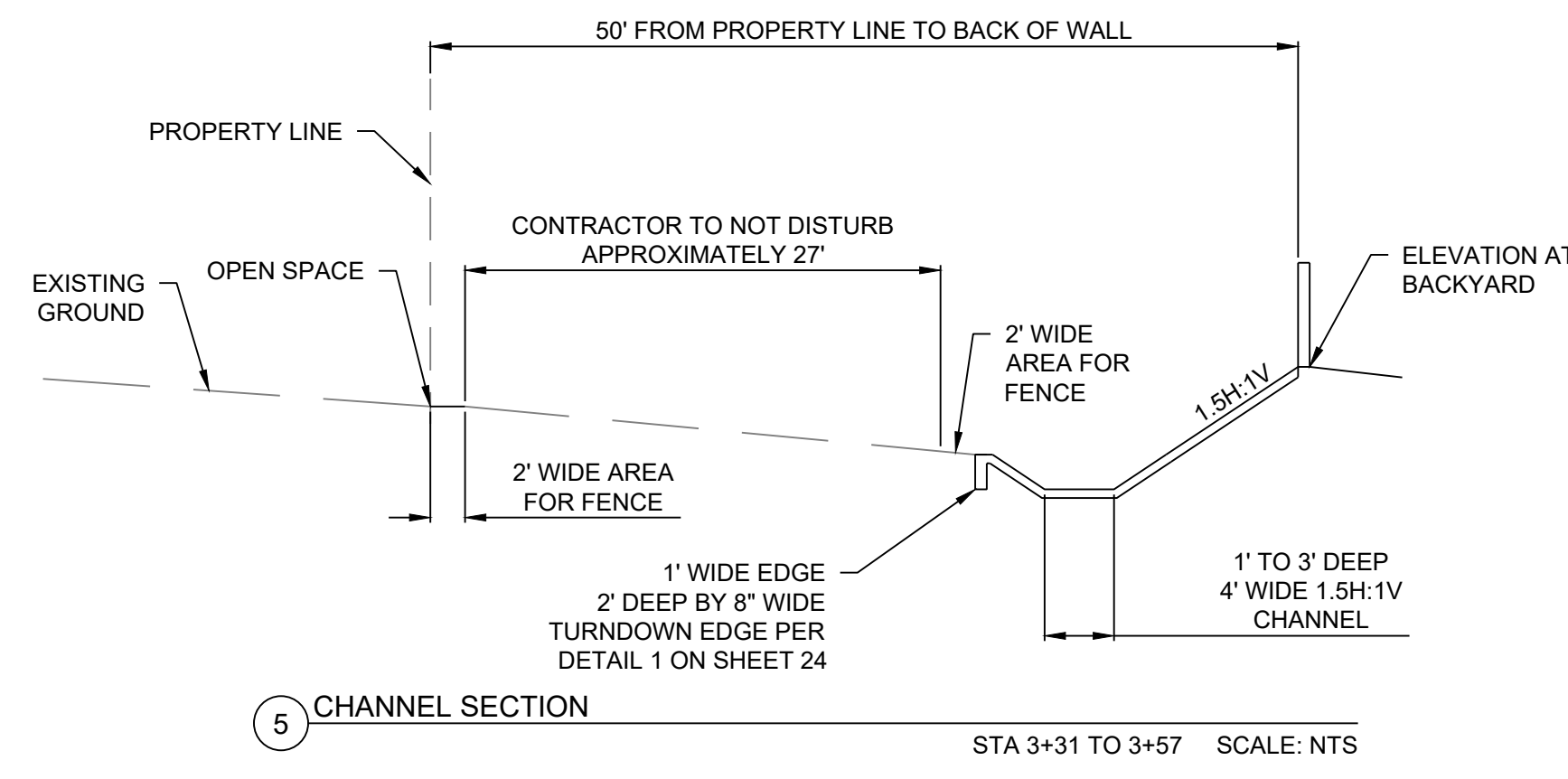
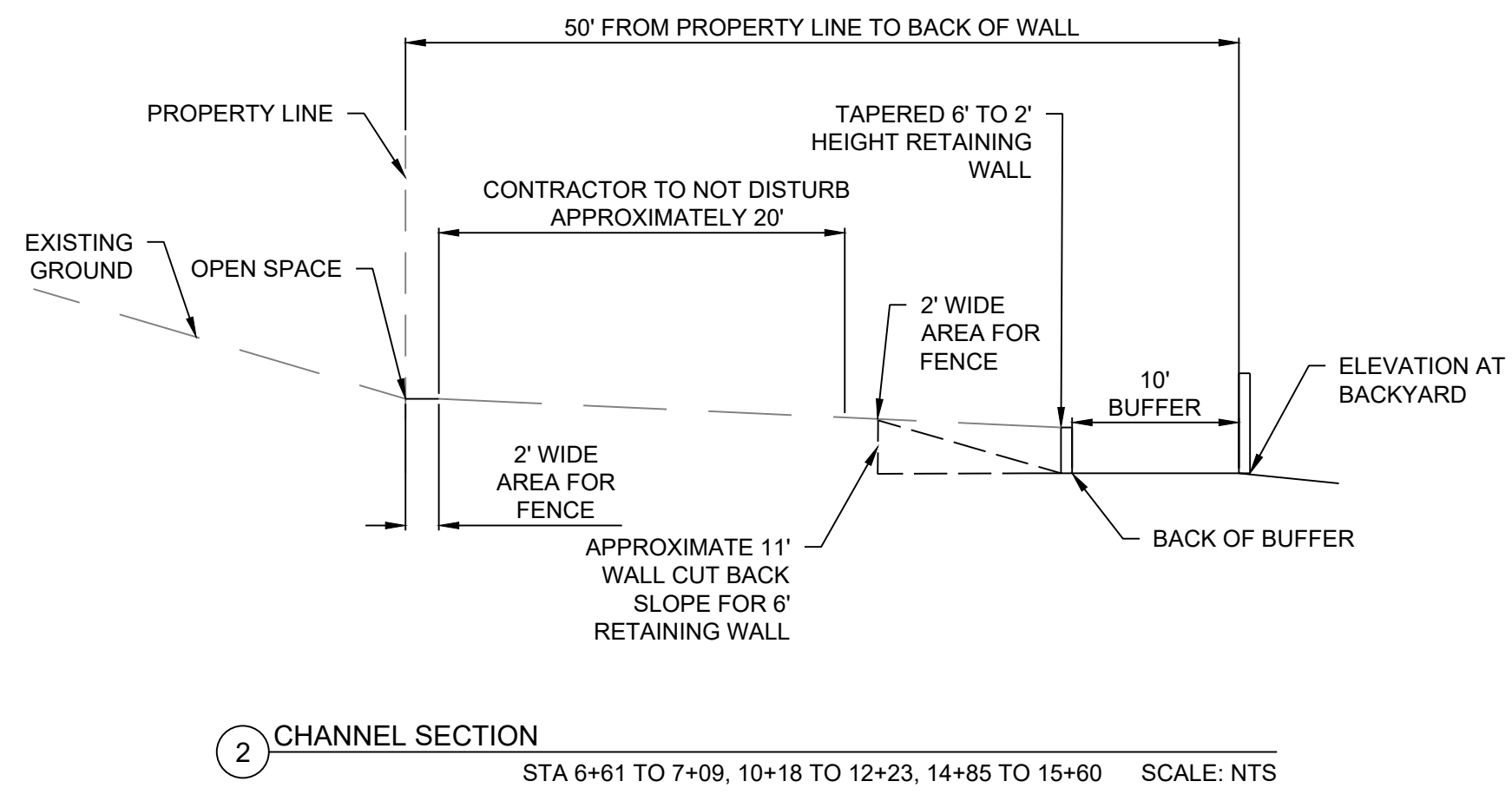
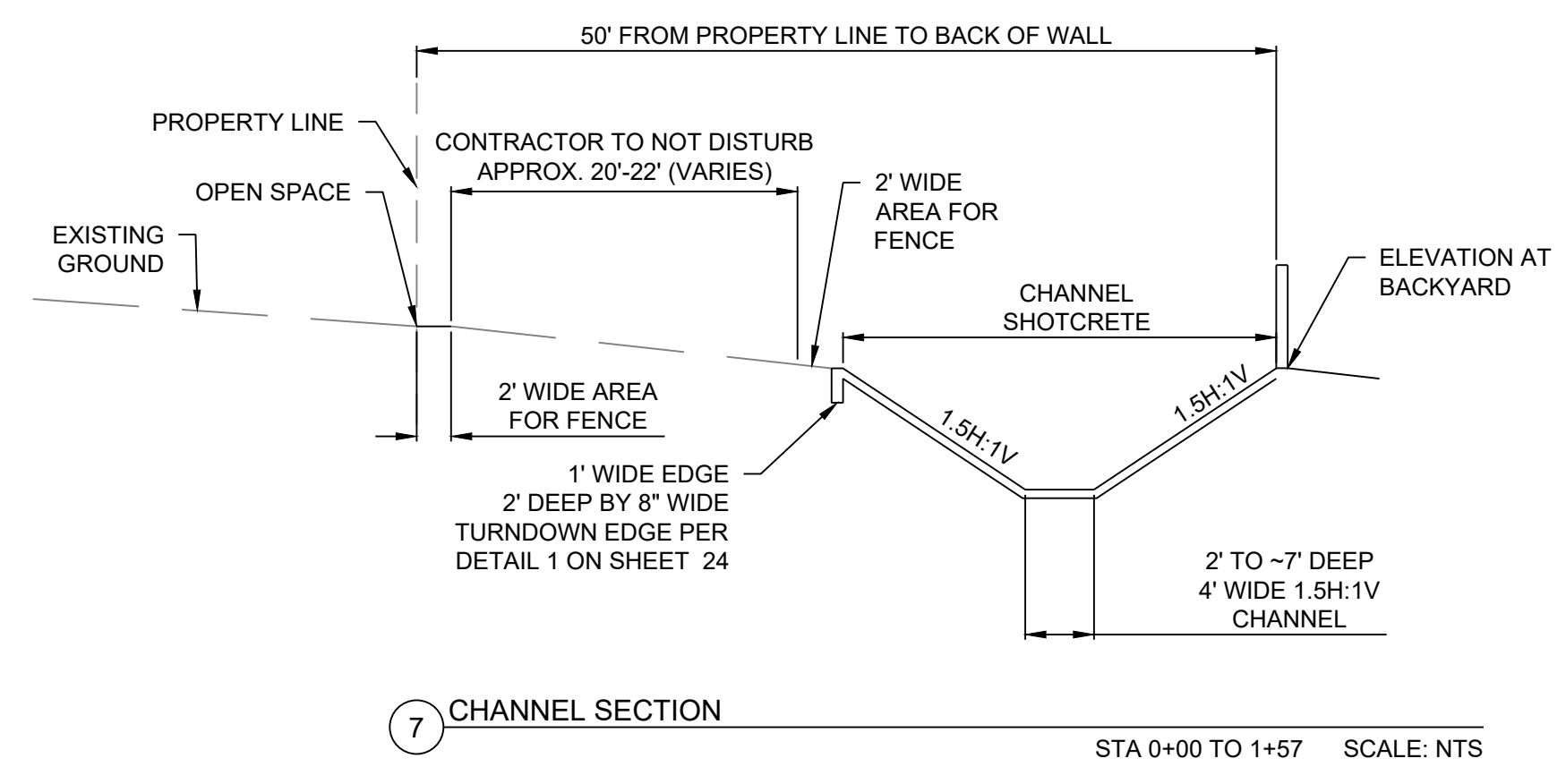
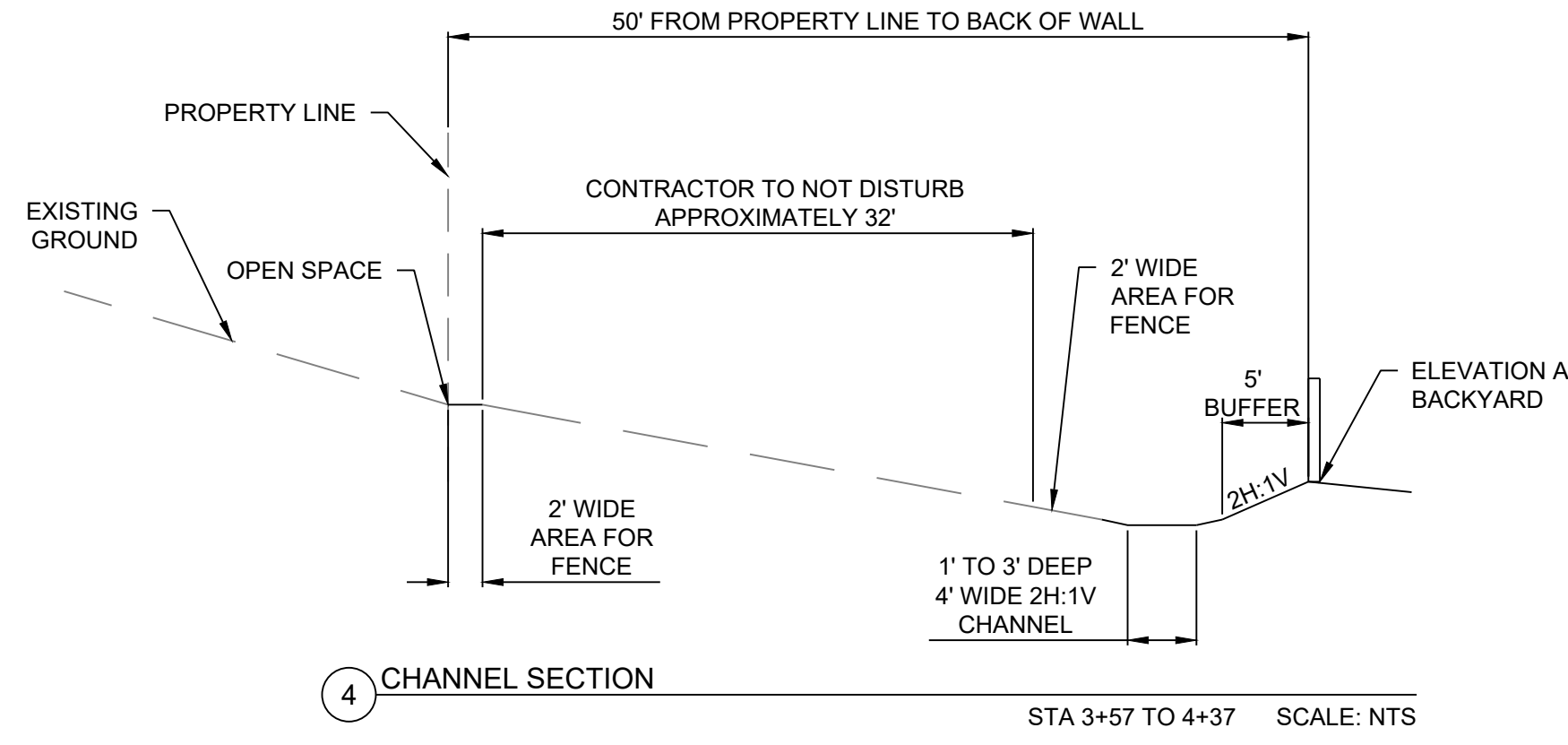
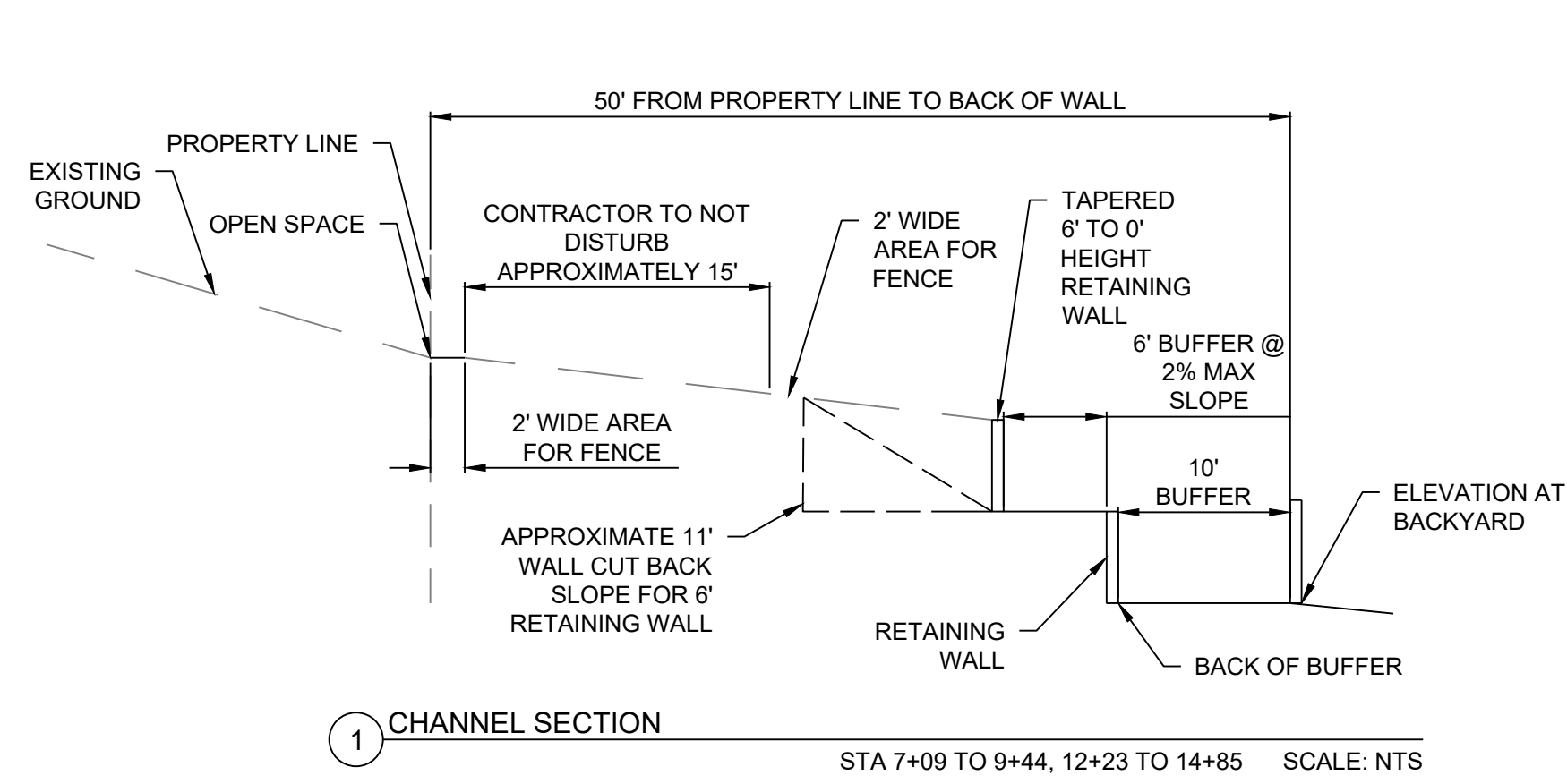
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NO.	DATE	NO.	DATE	CONTRACTOR	DATE
				WORK SPARKED BY	DATE
				ACCEPTANCE BY	DATE
				FIELD OBSERVATION BY	DATE
				DRAWINGS CORRECTED BY	DATE
REVISIONS		MICRO-FILM INFORMATION			
NO.	DATE	NO.	DATE	RECORDED BY	DATE
					DATE



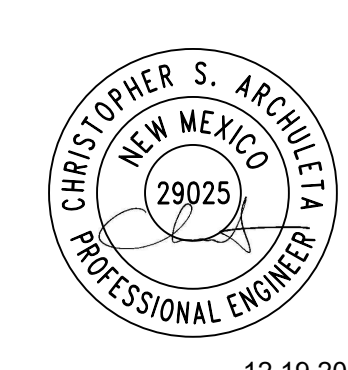
12.19.2025

DESIGNED BY	DATE	BY	DATE
CDS	12/19/2025		
CHECKED BY	DATE		
CDS	12/19/2025		
DRAWN BY	DATE		
CDS	12/19/2025		

File: 19-Dec-2025 3:05 pm, Plotted by: CHRISTOPHER ARCHULETA
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AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	NO.	DATE	NO.	DATE	NO.	DATE
WORK SPARKED BY	DATE						
ACCEPTANCE BY	DATE						
FIELD VERIFICATION BY	DATE						
DRAWINGS CORRECTED BY	DATE						
MICRO-FILM INFORMATION							
RECORDED BY	DATE						
NO.							



12.19.2025

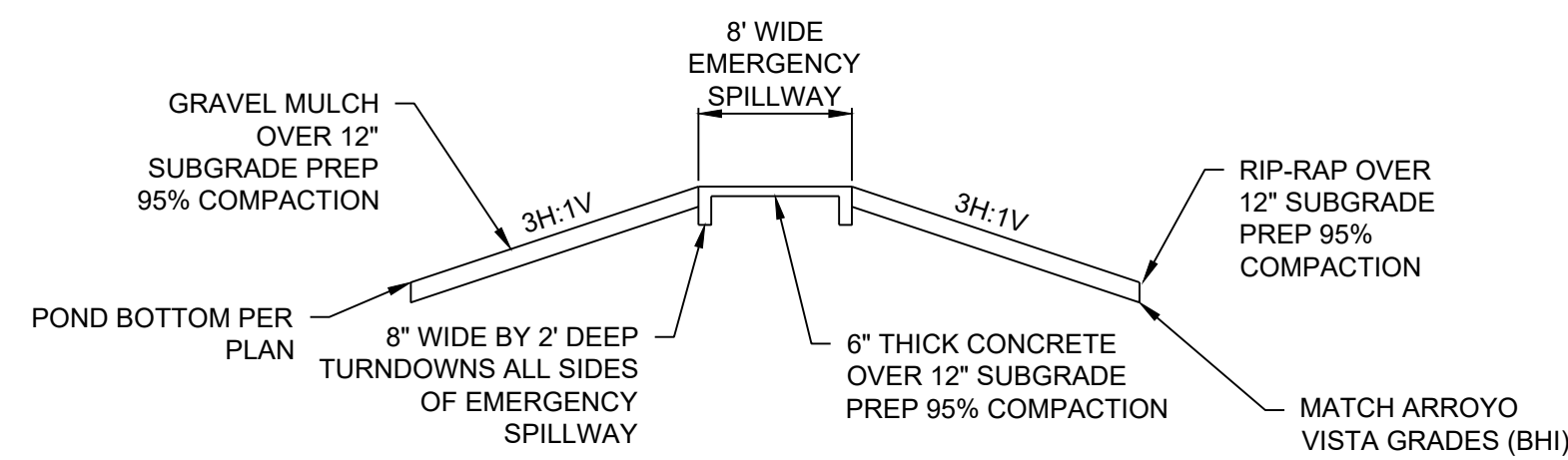
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DESIGN		12/19/2025	CDS
REVISIONS		12/19/2025	CDS
DESIGN		12/19/2025	CDS



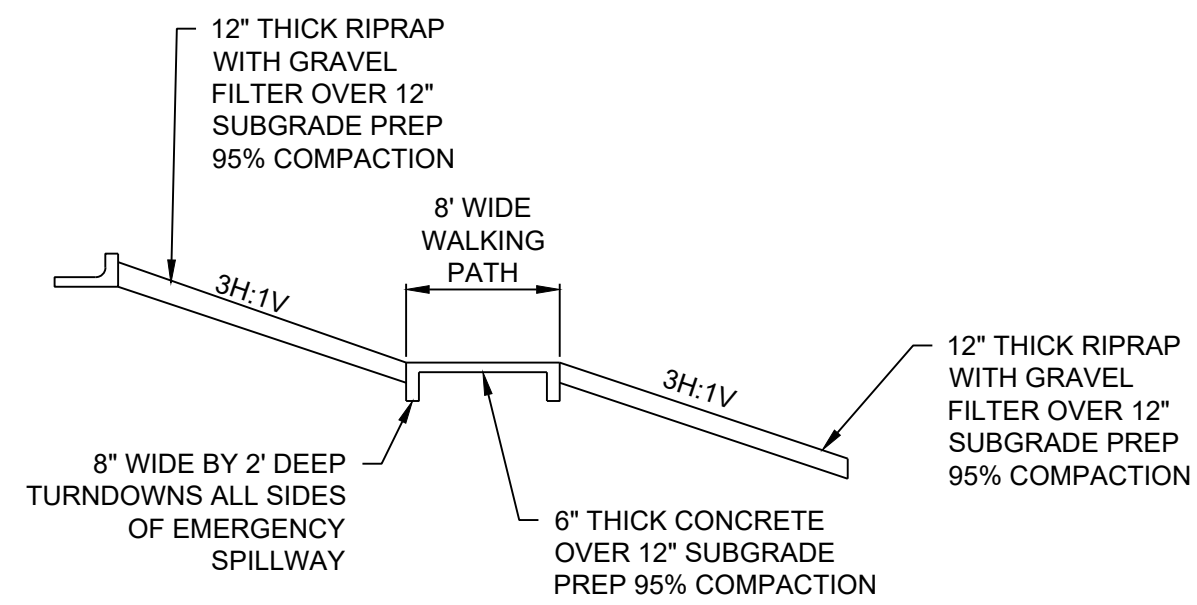
COMMUNITY DESIGN SOLUTIONS, LLC
 9384 VALLEY VIEW DR NW, SUITE 100
 ALBUQUERQUE, NEW MEXICO 87114
 PHONE: (505)366-4187

BERNALILLO COUNTY PUBLIC WORKS DIVISION TECHNICAL SERVICES DEPARTMENT		HIGH MESA TRAIL SUBDIVISION OFF-SITE CHANNEL & POND PLANS CROSS SECTION DETAILS 1	
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
XXXXXX	J-07-Z	20	30

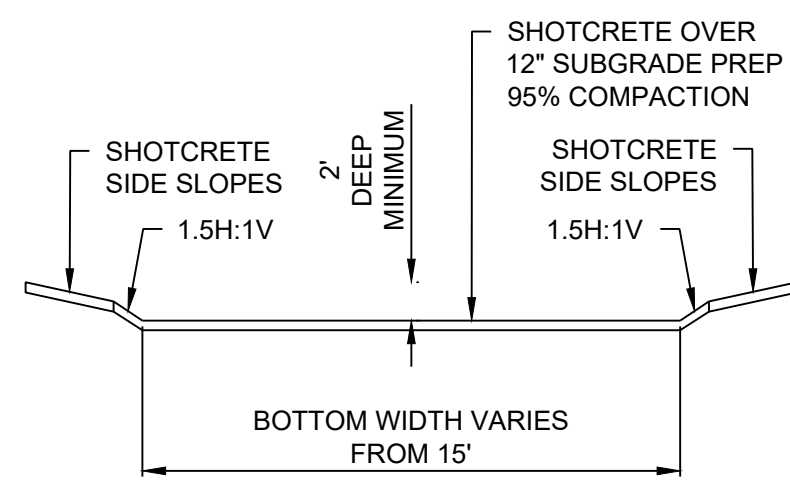
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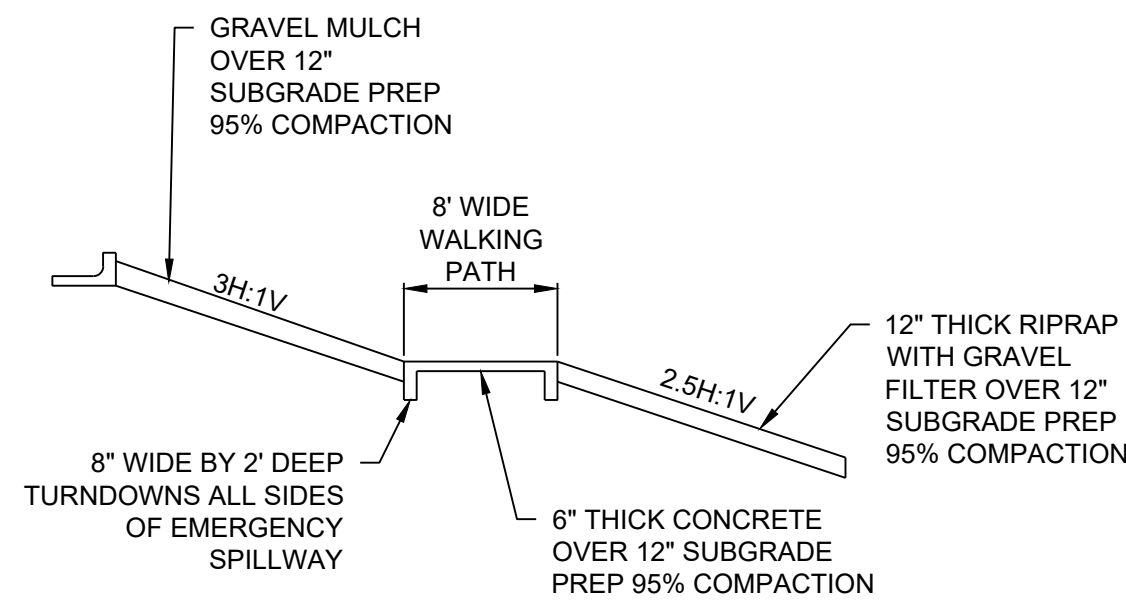
10 EMERGENCY SPILLWAY SECTION
SCALE: NTS



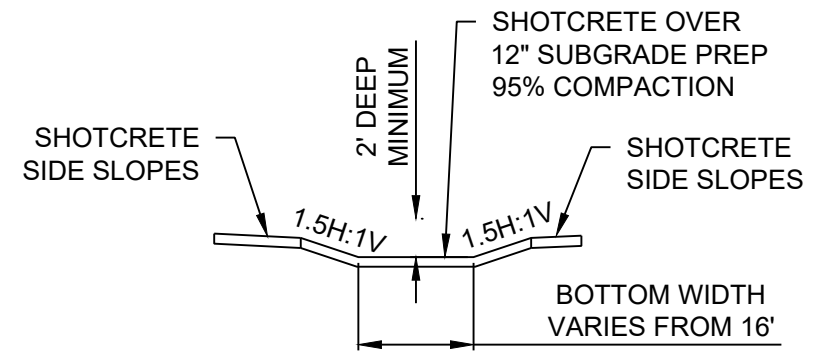
14 OVERFLOW RUNDOWN SECTION
SCALE: NTS



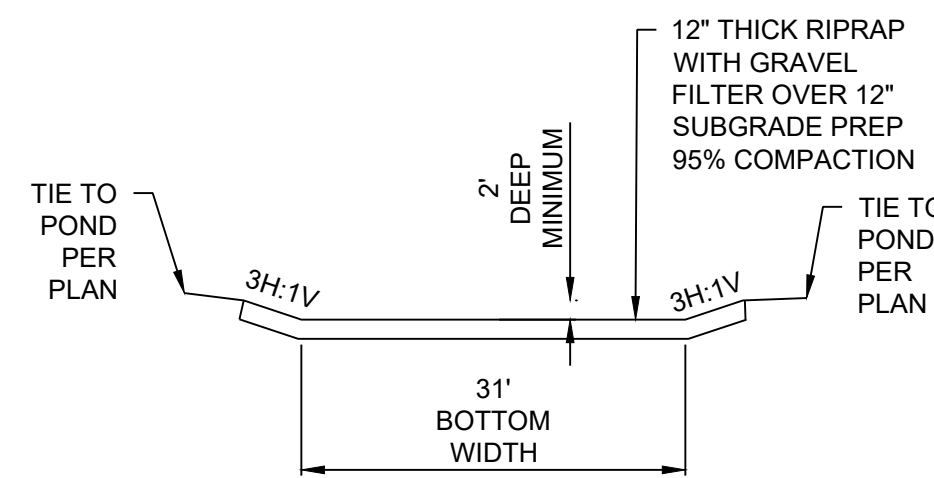
11 RUNDOWN CHANNEL SECTION
SCALE: NTS



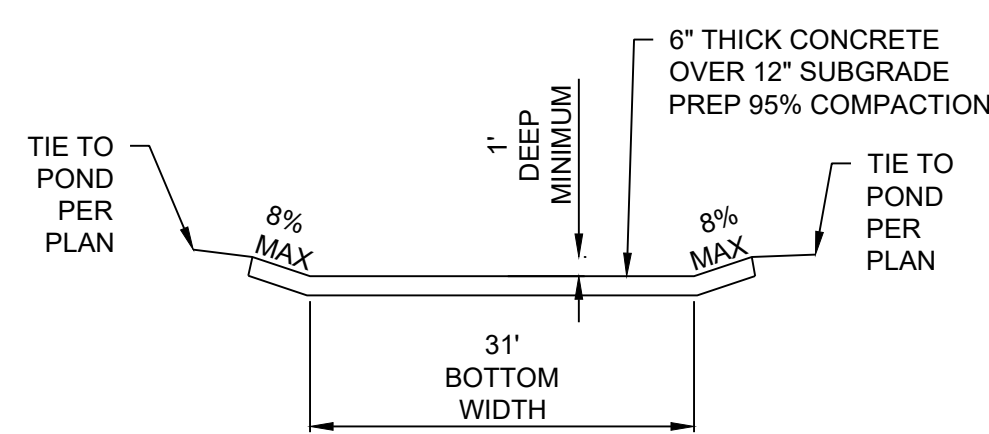
15 OVERFLOW RUNDOWN SECTION
SCALE: NTS



12 RUNDOWN CHANNEL SECTION
SCALE: NTS



16 OVERFLOW RUNDOWN SECTION
SCALE: NTS

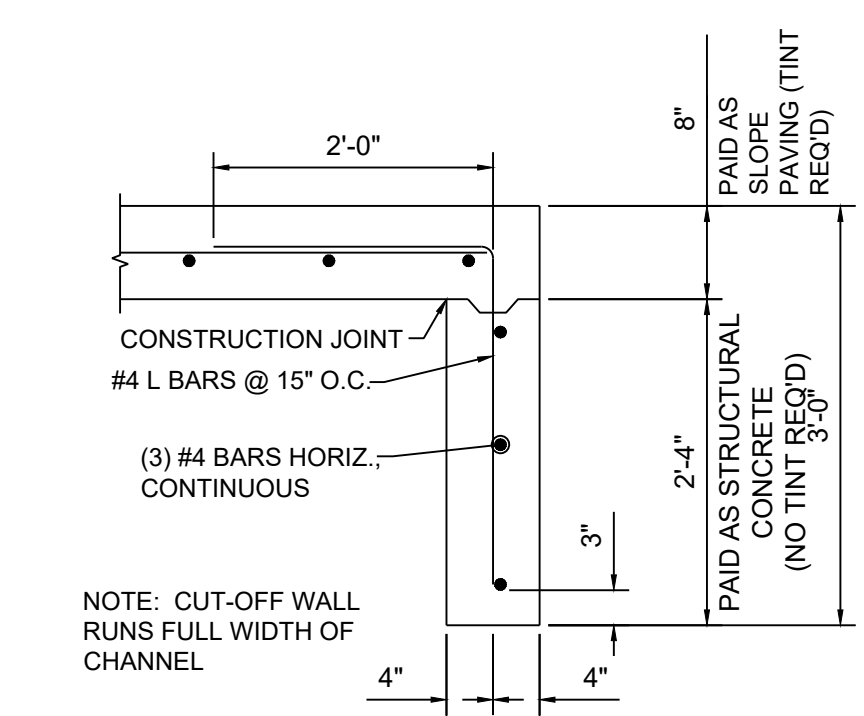


13 OVERFLOW RUNDOWN SECTION
SCALE: NTS

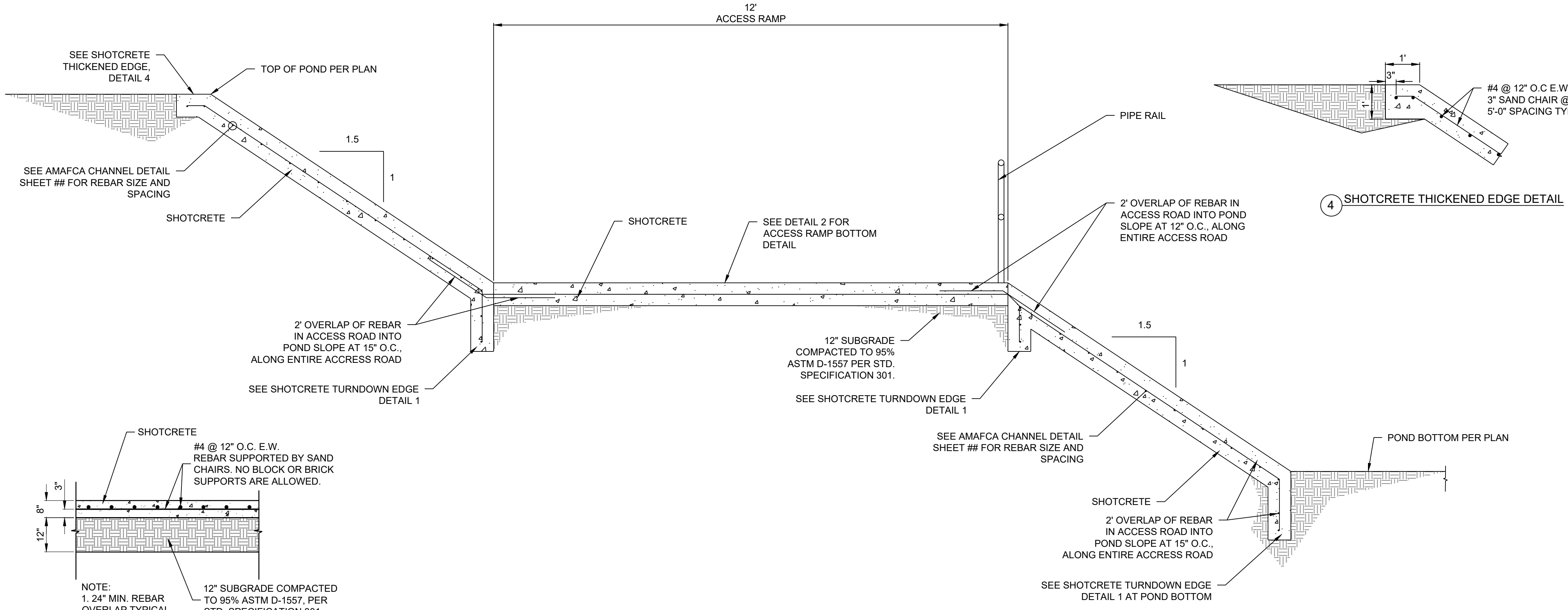
AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE			NO.	DATE		12.19.2025
WORK STARTED BY	DATE						
ACCEPTANCE BY	DATE					REVISIONS	
FIELD VERIFICATION BY	DATE					NO.	DATE
DRAWINGS CORRECTED BY	DATE					DESIGN	
MICRO-FILM INFORMATION						DESIGNED BY: CDS	
RECORDED BY	DATE					CHECKED BY: CDS	
NO.	DATE					DRAWN BY: CDS	

CDS
 COMMUNITY DESIGN SOLUTIONS, LLC
 9384 VALLEY VIEW DR NW, SUITE 100
 ALBUQUERQUE, NEW MEXICO 87114
 PHONE: (505)366-4187

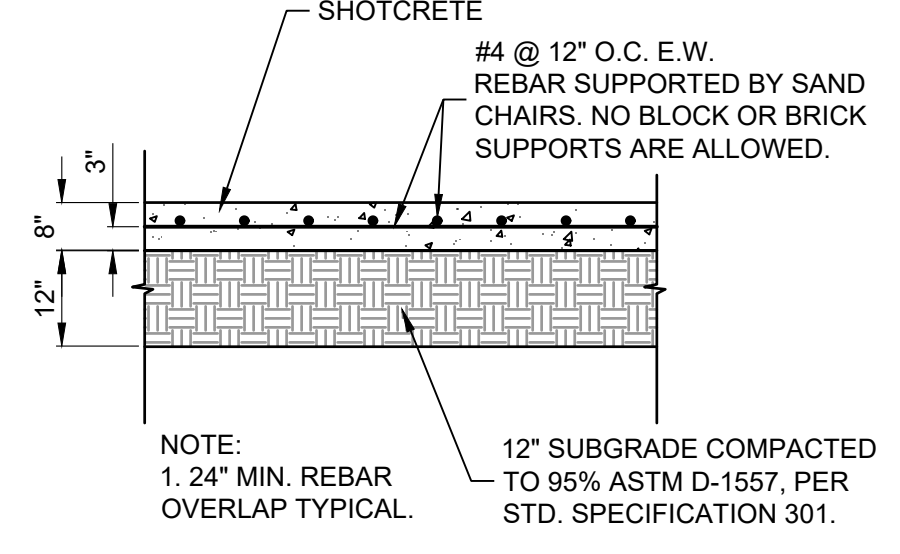
BERNALILLO COUNTY PUBLIC WORKS DIVISION TECHNICAL SERVICES DEPARTMENT		HIGH MESA TRAIL SUBDIVISION OFF-SITE CHANNEL & POND PLANS CROSS SECTION DETAILS 2	
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
XXXXXX	J-07-Z	21	30



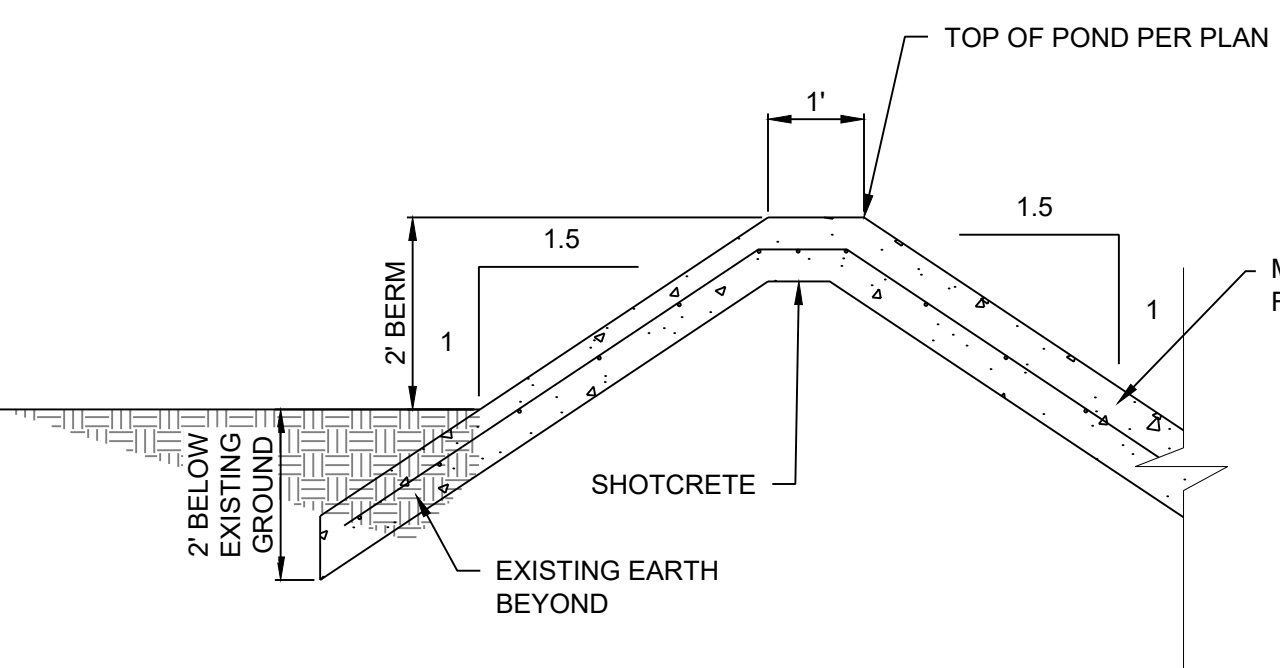
1 TYPICAL TURNDOWN EDGE



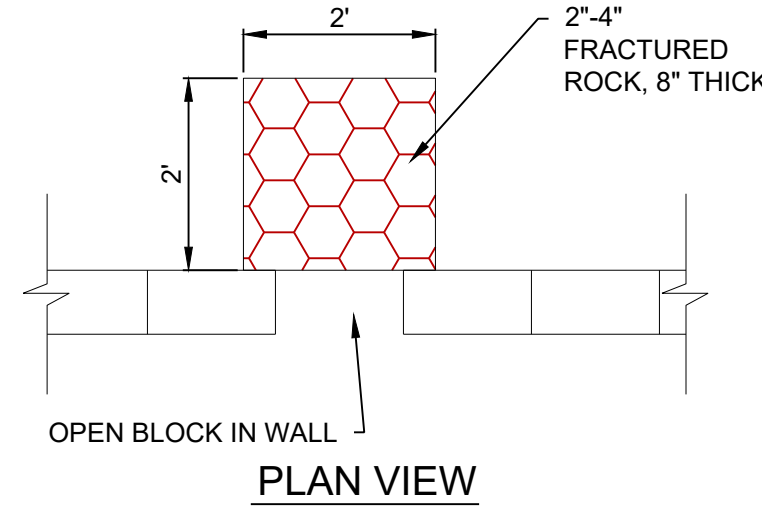
3 SHOTCRETE ACCESS ROAD BOTTOM DETAIL
SCALE: NTS



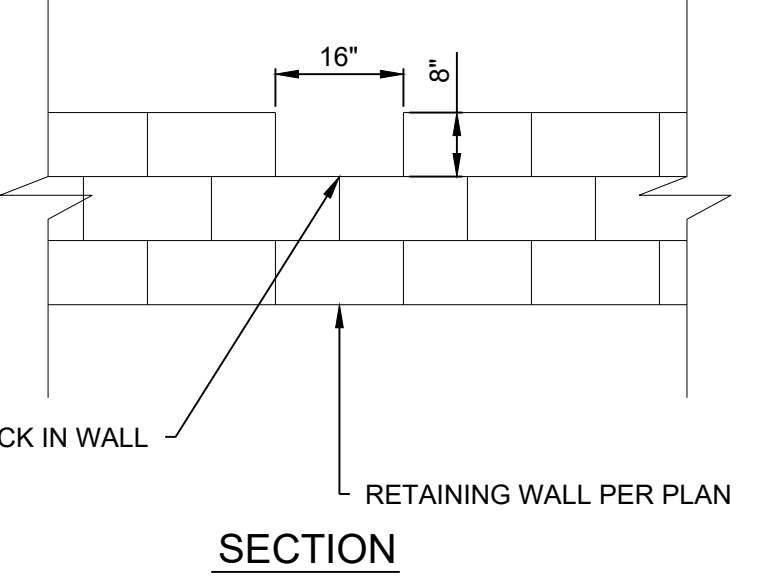
2 SHOTCRETE ACCESS ROAD BOTTOM DETAIL
SCALE: NTS



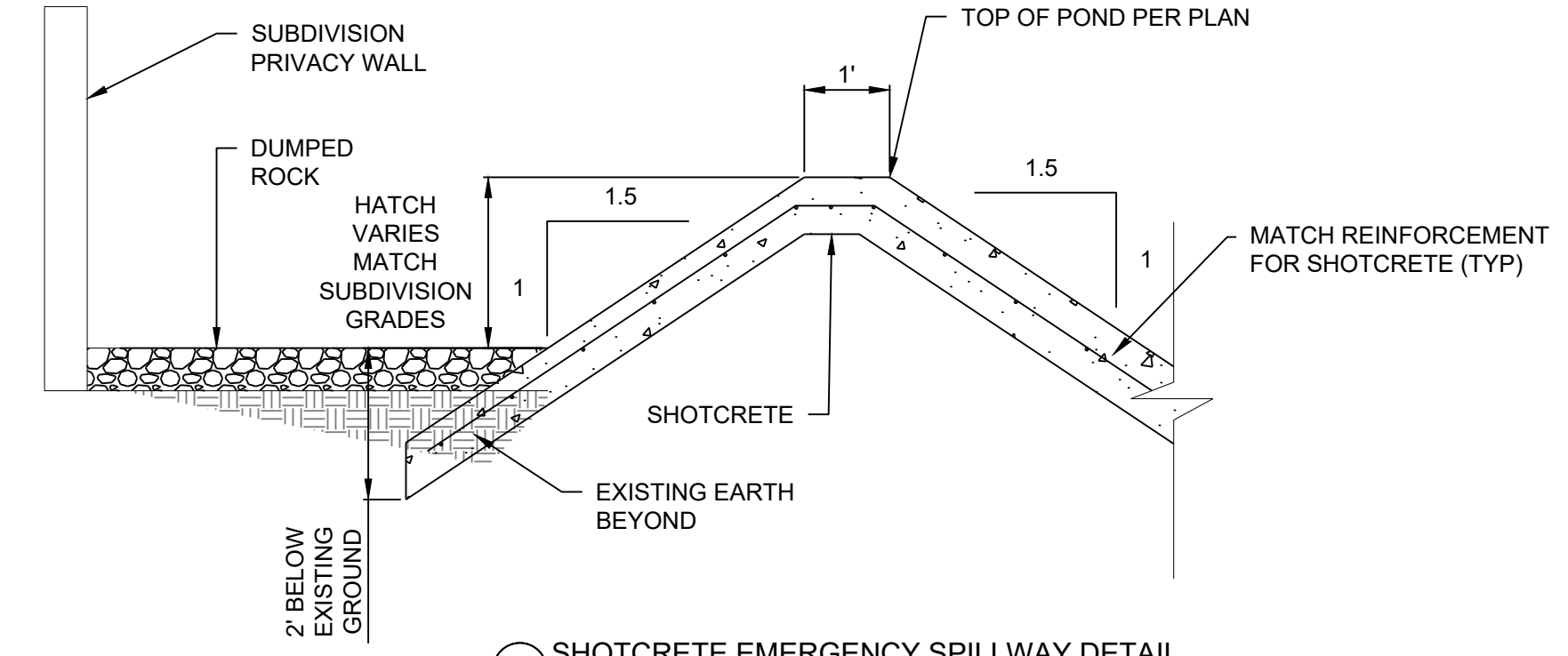
6 SHOTCRETE BERM DETAIL
SCALE: NTS



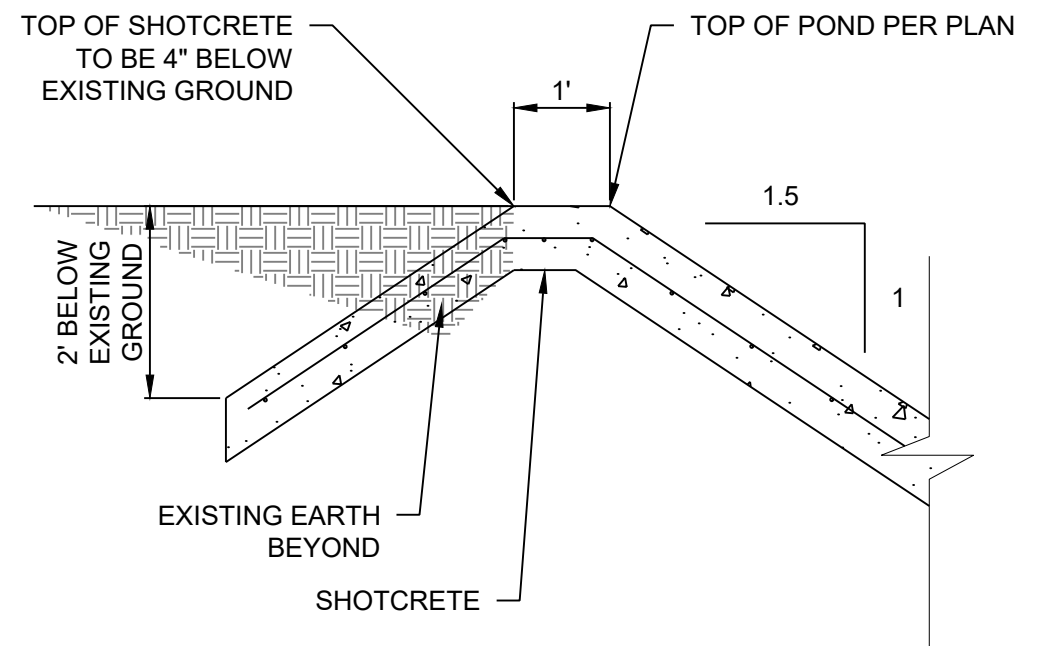
PLAN VIEW



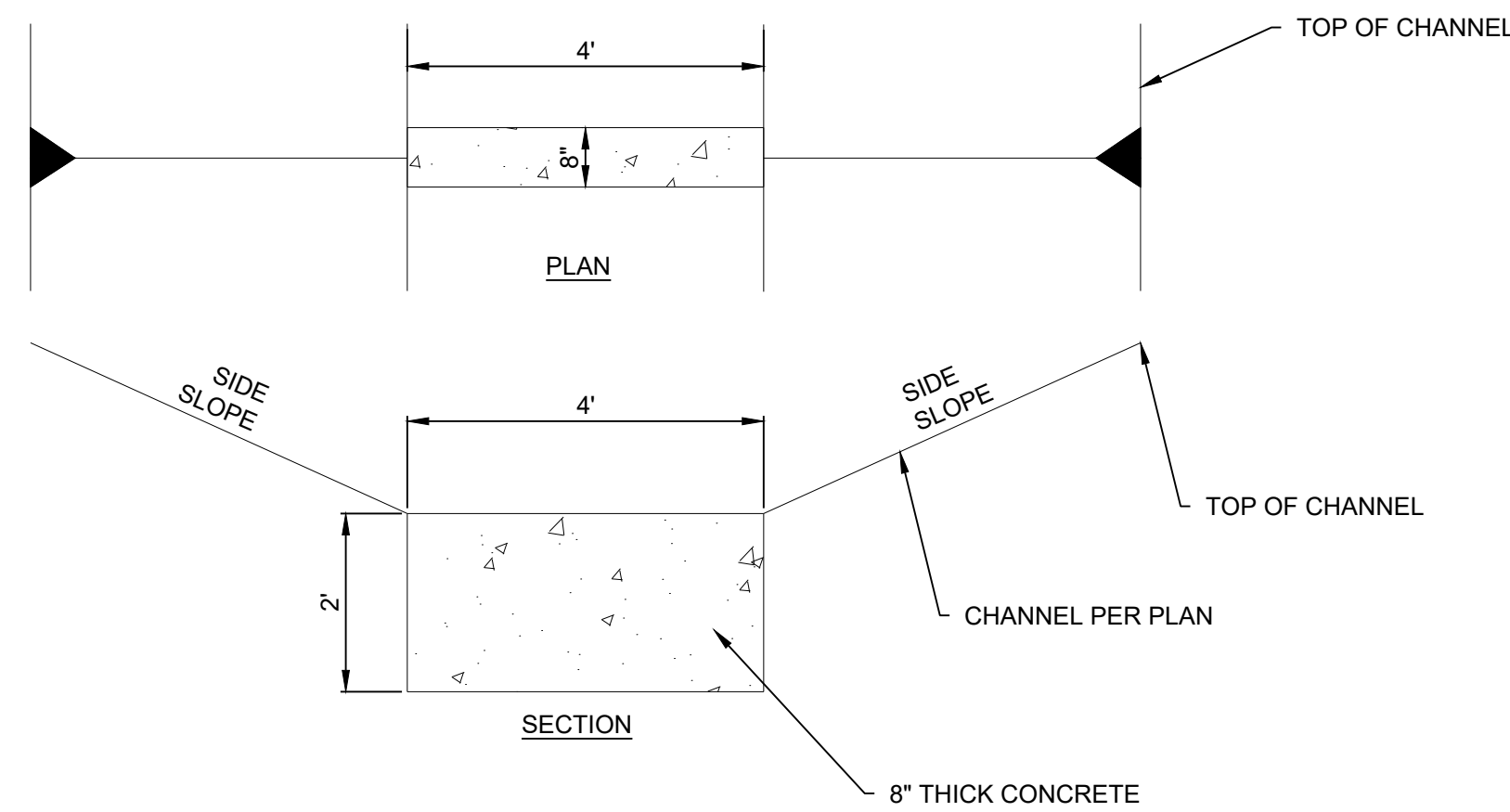
8 OPEN BLOCK IN RETAINING WALL DETAIL
SCALE: NTS



10 SHOTCRETE EMERGENCY SPILLWAY DETAIL
SCALE: NTS



7 SHOTCRETE RUNDOWN ENTRANCE DETAIL
SCALE: NTS



9 GRADE CONTROL STRUCTURE DETAIL
SCALE: NTS

AS-BUILT INFORMATION	
CONTRACTOR	DATE
WORK STARTED BY	DATE
ACCEPTANCE BY	DATE
FIELD OBSERVATION BY	DATE
DESIGN CHECKED BY	DATE
CORRECTED BY	DATE
RECORDED BY	DATE
NO.	DATE

BENCH MARKS	
NO.	DATE

SURVEY INFORMATION	
NO.	DATE

ENGINEER'S SEAL

12.19.2025

REMARKS	
NO.	DATE
REVISIONS	DESIGN
DESIGNED BY	CDS
CHECKED BY	CDS
DATE	12/19/2025
DATE	12/19/2025
DATE	12/19/2025

CDS
COMMUNITY DESIGN SOLUTIONS, LLC
9384 VALLEY VIEW DR NW, SUITE 100
ALBUQUERQUE, NEW MEXICO 87114
PHONE: (505)366-4187

BERNALILLO COUNTY
PUBLIC WORKS DIVISION
TECHNICAL SERVICES DEPARTMENT

**HIGH MESA TRAIL SUBDIVISION
OFF-SITE CHANNEL & POND PLANS
SHOTCRETE AND RETAINING WALL DETAILS**

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.

CITY PROJECT NO. XXXXXX ZONE MAP NO. J-07-Z SHEET 24 OF 30

File: 19-Dec-2025 3:06 pm, Plotted by: CHRISTOPHER ARCHULETA
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