



RECLAMATION OF COAL MINE WASTE,
AND PLACEMENT OF EXCESS SOILS

TEMPORARY STAGING AREA
AND CURRENT MLA PARKING LOT

MADRID ARROYO MAIN SECTION:
CHANNEL RESTORATION, ROADS,
UTILITIES, GRADING, ETC.

SURVEY CONTROL
N1605381.2
E1670364.6
EL=6053.55

SHEETS 22, 23, 24

SHEETS 19, 20, 21

SHEETS 2 - 18

SURVEY CONTROL
N1603728.0
E1669901.7
EL=6025.29

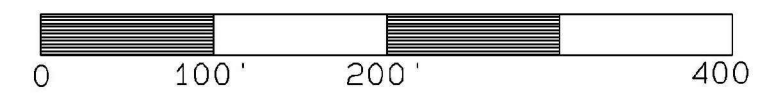
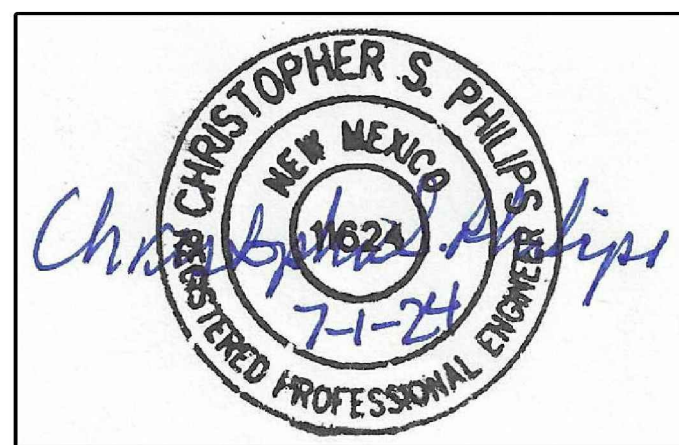
MADRID ARROYO NE REACH
CHANNEL RESTORATION

STATE ROAD 14

STAGING AREA

CAVE ROAD

SURVEY CONTROL
N1603930.5
E1669443.7
EL=5991.30



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VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT

MADRID NEW MEXICO

RIVERBEND ENGINEERING, LLC

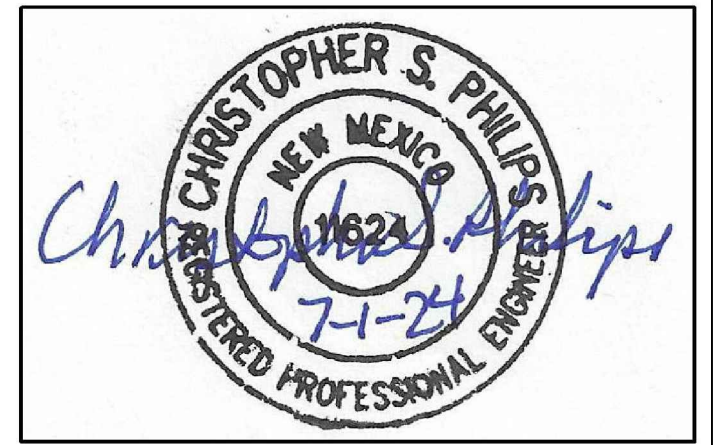
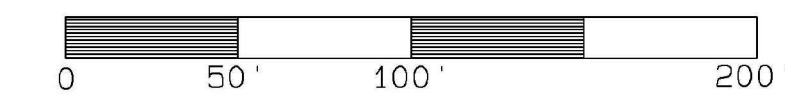
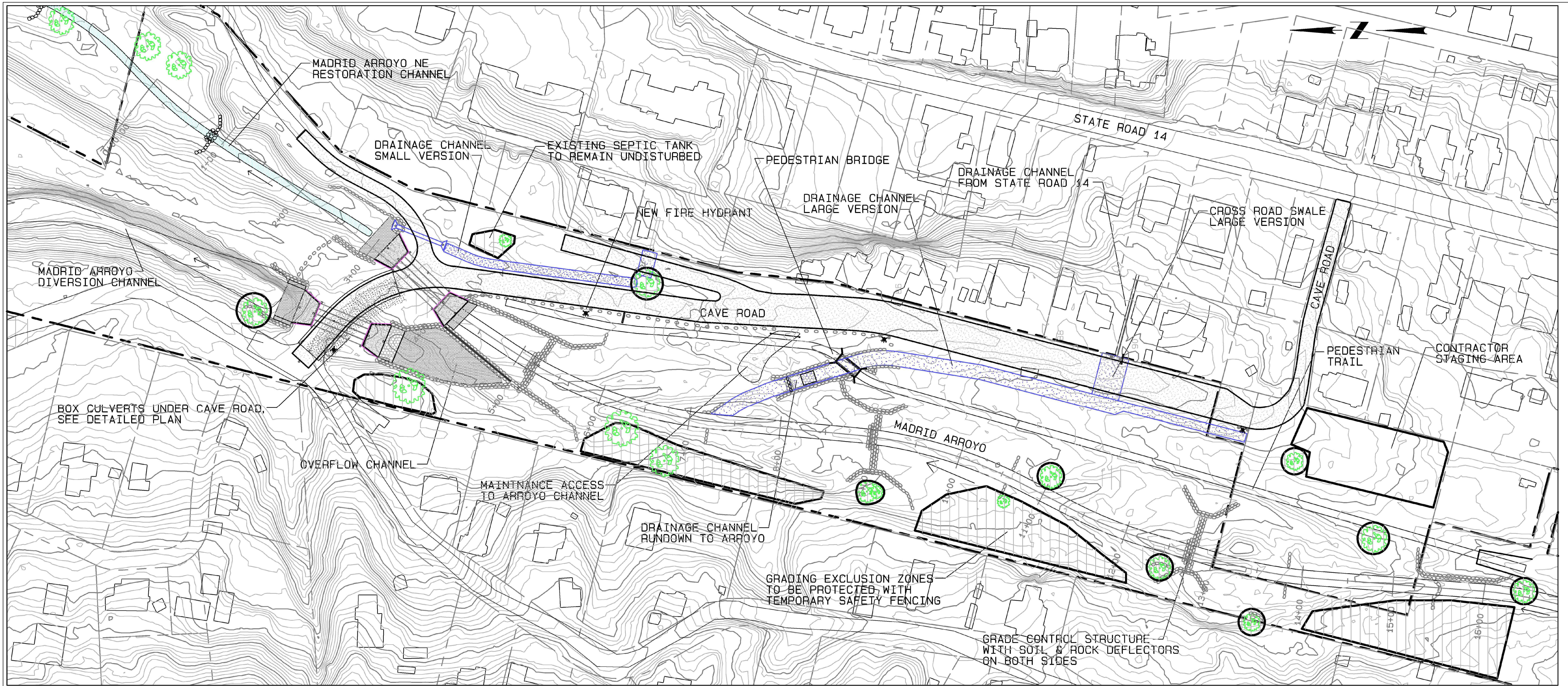
ALBUQUERQUE NEW MEXICO

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CP	JUNE 24		
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PROJ. ENG.	CP	JUNE 24	
PROJ. MGR.	RE	JUNE 24	
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APPROVED			

MADRID ARROYO
LOCATION MAP

DRAWN	C.PHILIPS	DATE	---	DWG. NO.	C201	REV. NO.	A
SCALE		W.O. NO.		SHT	49	OF	75

15740.001.003



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VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT

MADRID NEW MEXICO

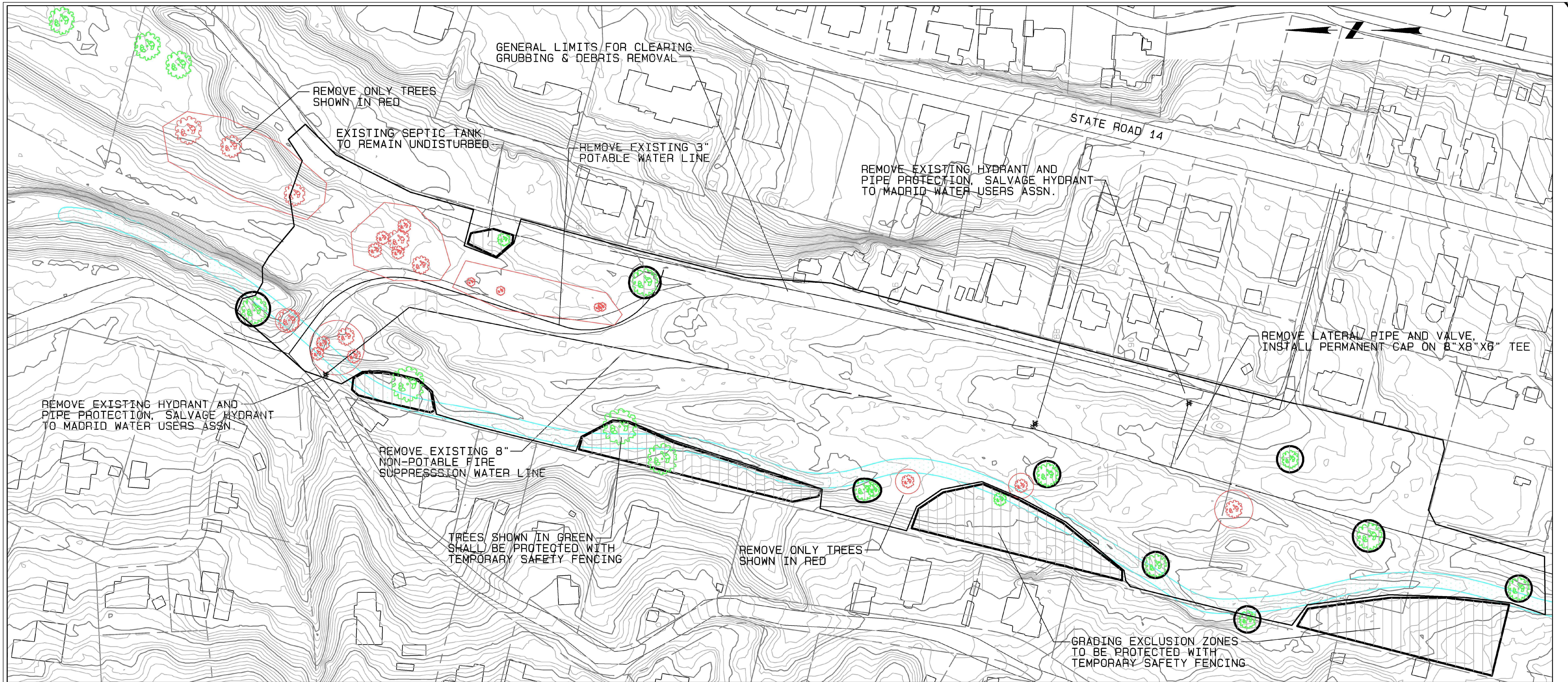
RIVERBEND ENGINEERING, LLC

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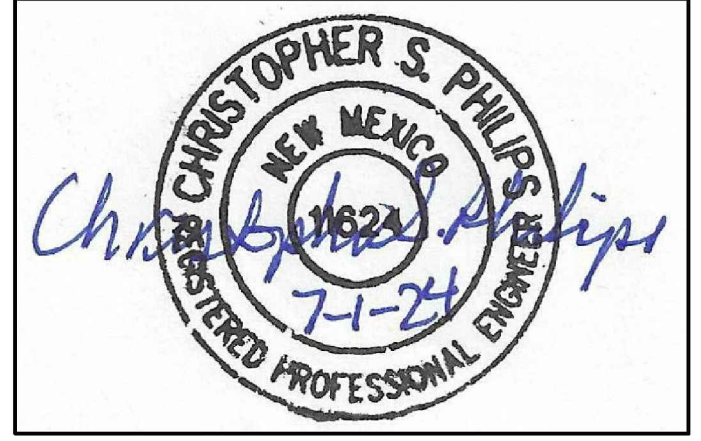
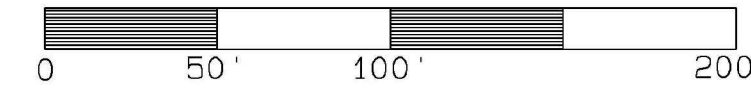
MADRID ARROYO
GENERAL SITE PLAN

DRAWN	C.PHILIPS	DATE	---	DWG. NO.	C202	REV. NO.	A
SCALE		W.O. NO.	15740.001.003	SHT	50	OF	75



NOTES:

- 1) INSTALL NEW WATER ISOLATION VALVES BEFORE WATER LINE REMOVALS, SO THAT WATER SERVICE INTERRUPTIONS ARE MINIMIZED.
- 2) INSTALL TEMPORARY SAFETY FENCING AROUND TREES THAT SHALL REMAIN, AND AROUND GRADING EXCLUSION ZONES
- 3) REMOVE ALL CLEAR & GRUB MATERIAL FROM THE SITE, AND ALSO TRASH AND METAL WASTE UNCOVERED IN THE GRADING OPERATION



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VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT

MADRID NEW MEXICO

RIVERBEND ENGINEERING, LLC

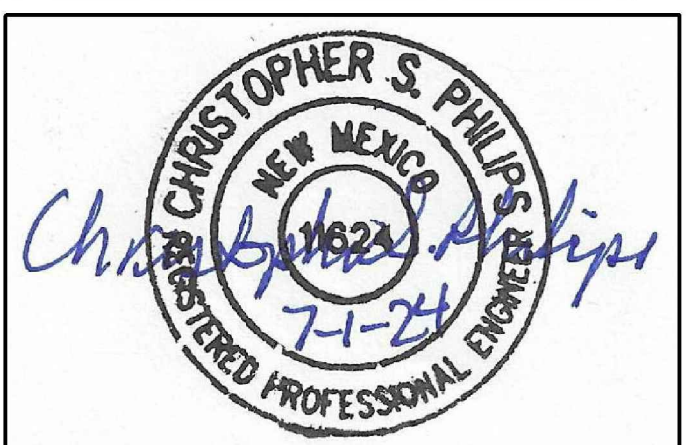
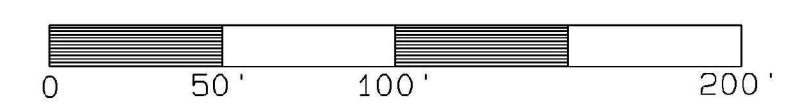
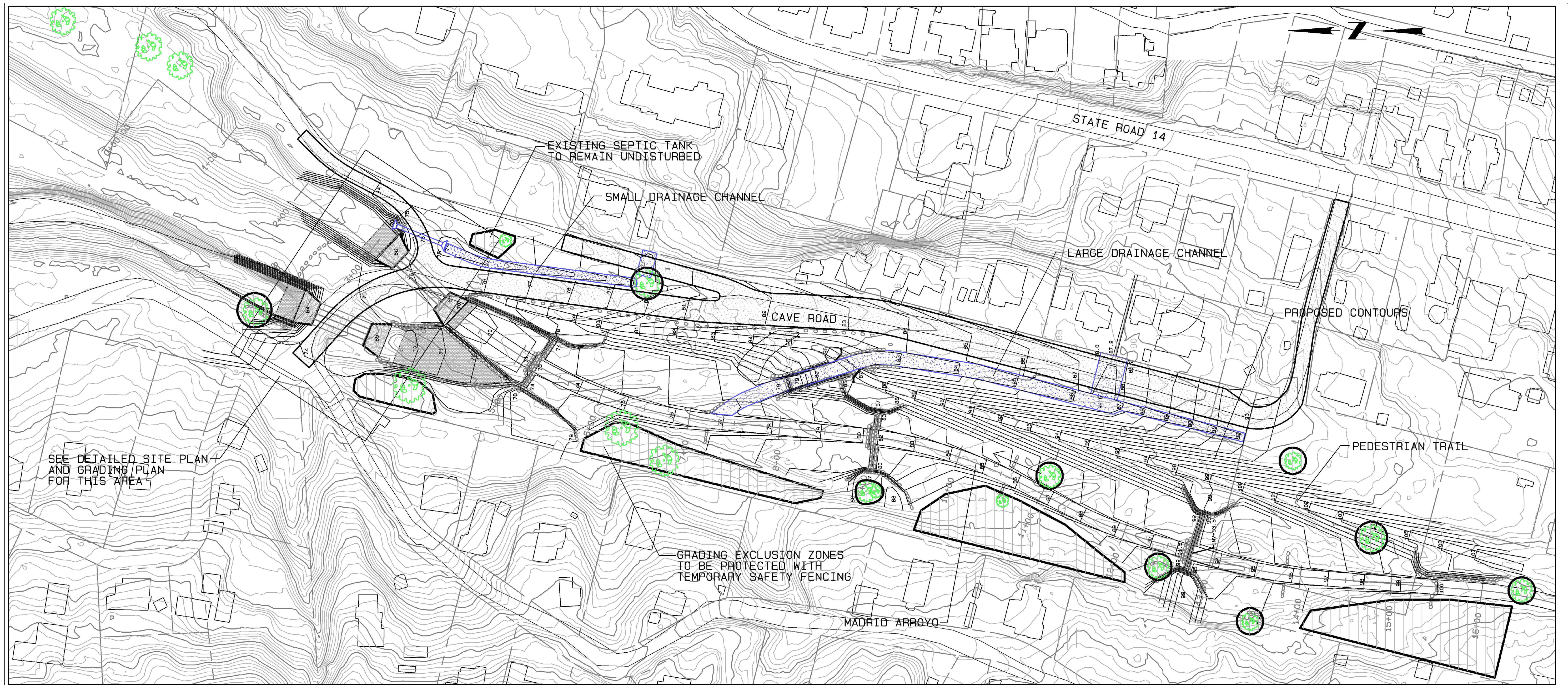
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MADRID ARROYO
PROTECTIONS AND REMOVALS PLAN

DRAWN	C.PHILIPS	DATE	---	DWG. NO.	C203	REV. NO.	A
SCALE		W.O. NO.		15740.001.003	SHT	51	OF 75

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STORM WATER & EROSION CONTROL PROJECT

MADRID NEW MEXICO

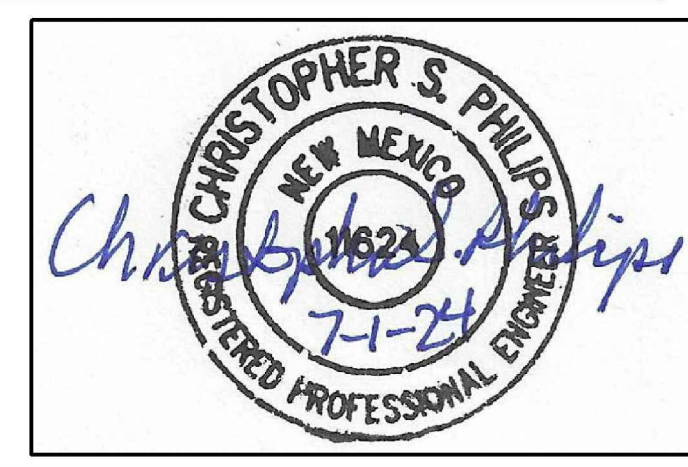
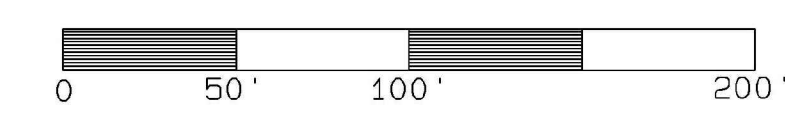
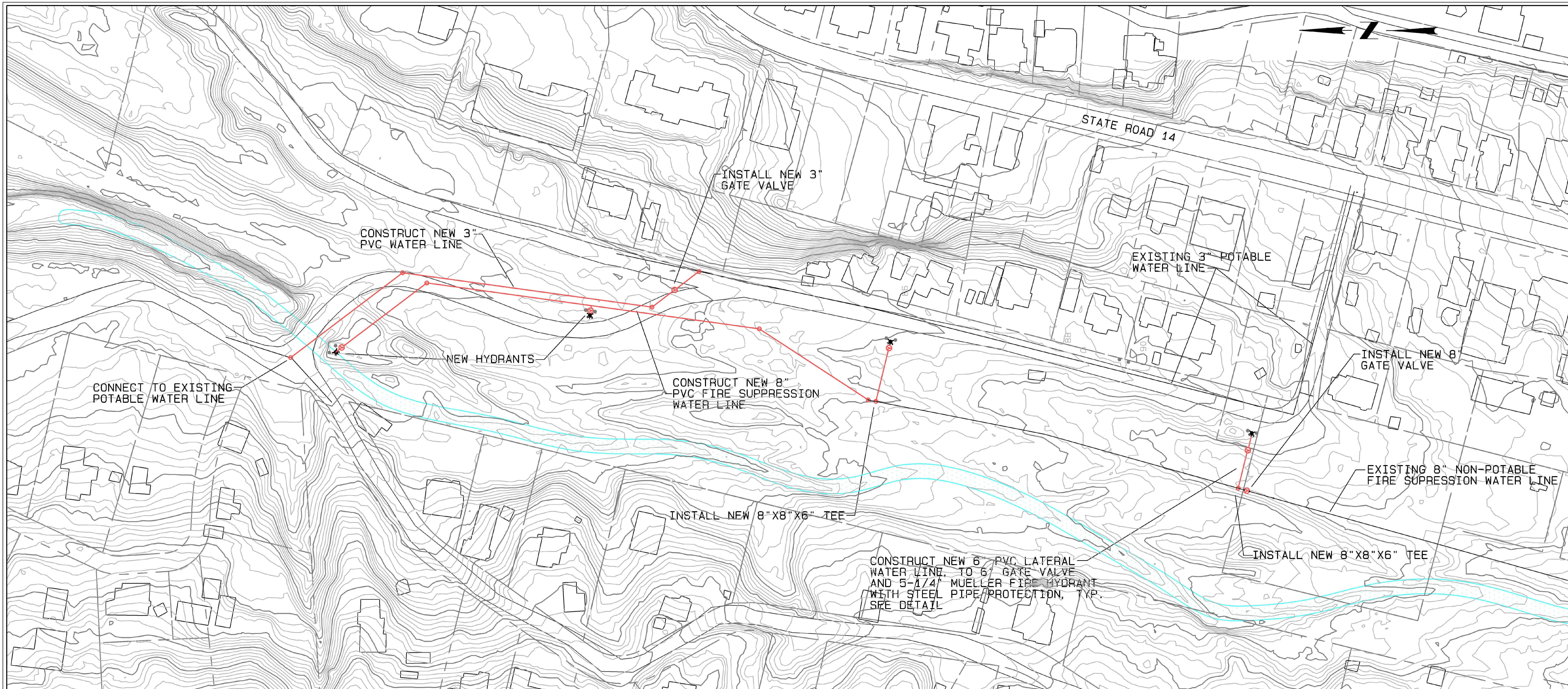
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MADRID ARROYO
GRADING PLAN

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STORM WATER & EROSION CONTROL PROJECT

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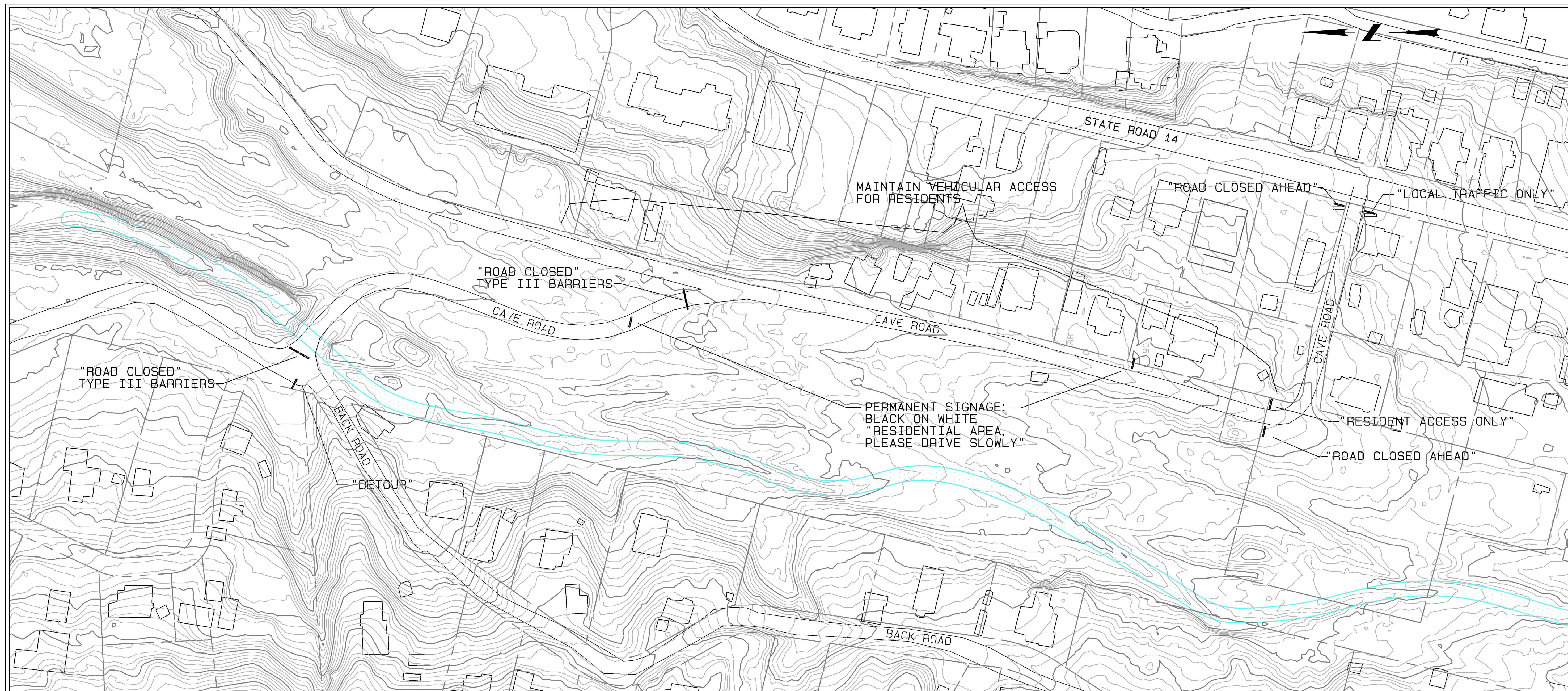
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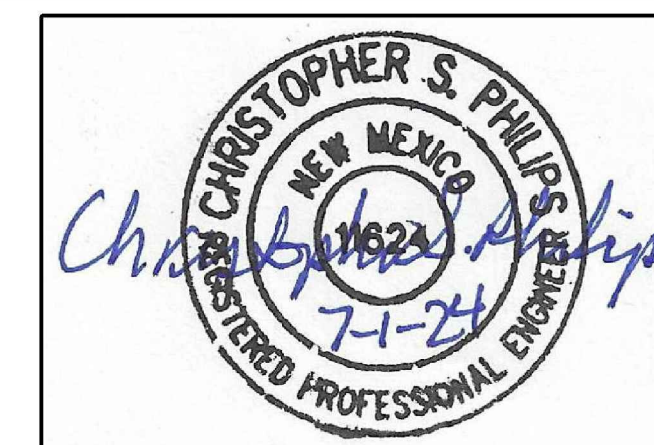
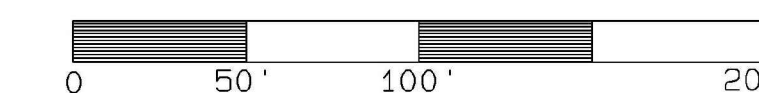
MADRID ARROYO
WATER UTILITIES PLAN

DRAWN	C.PHILIPS	DATE	---	DWG. NO.	C205	REV. NO.	A
SCALE		W.O. NO.				SHT	53 OF 75
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NOTE: THE CONTRACTOR MUST MAINTAIN ACCESS FOR RESIDENTS ALONG CAVE ROAD, AS SHOWN. INTERRUPTIONS IN VEHICULAR ACCESS MAY BE NECESSITATED BY CONSTRUCTION, BUT MUST BE LIMITED TO "DAY OF" CONSTRUCTION, AND WRITTEN/VERBAL NOTIFICATION MUST BE PROVIDED TO RESIDENTS PRIOR TO ACCESS DISRUPTIONS. SIMILARLY, RESIDENT PARKING PATTERNS MAY BECOME ALTERED DURING CONSTRUCTION AND AFTER CAVE ROAD IS COMPLETED. THE CONTRACTOR IS EXPECTED TO COMMUNICATE NEEDED CHANGES WITH THE RESIDENTS IN A FRIENDLY AND HELPFULL MANNER.



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VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT

MADRID NEW MEXICO

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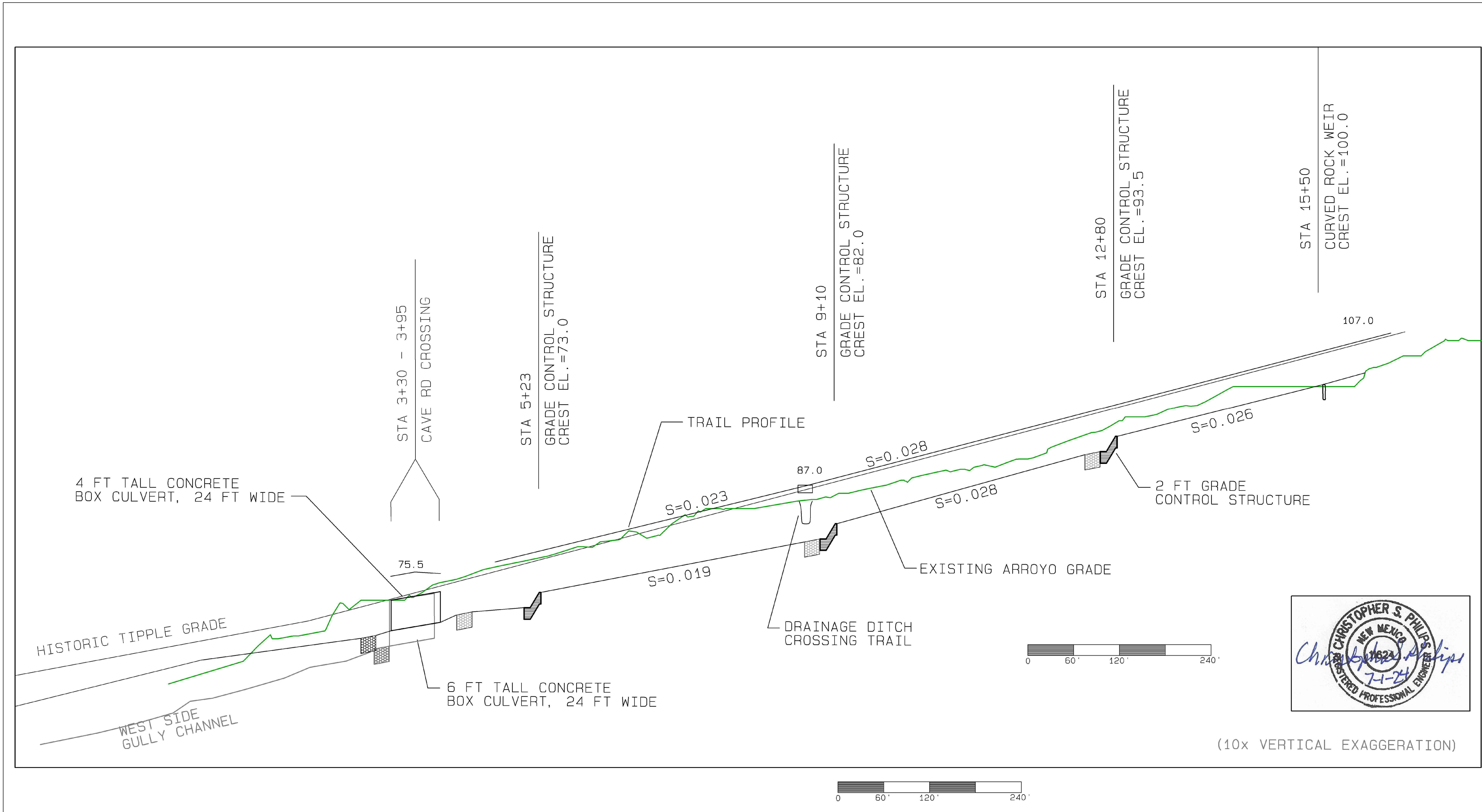
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MADRID ARROYO
TRAFFIC CONTROL PLAN

DRAWN	C.PHILIPS	DATE	---	DWG. NO.	C206	REV. NO.	A
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VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT

MADRID NEW MEXICO

RIVERBEND ENGINEERING, LLC

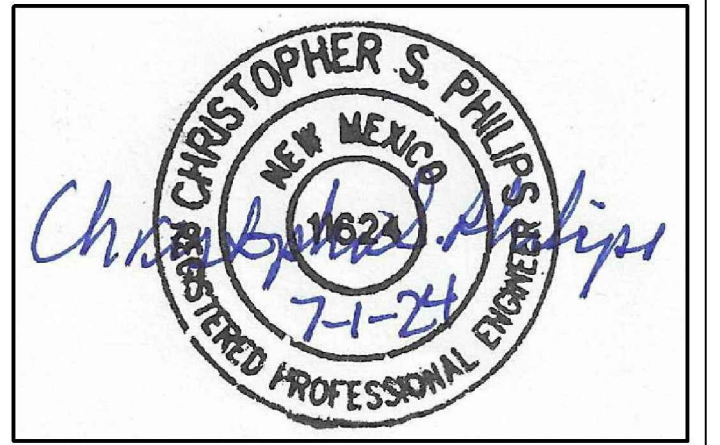
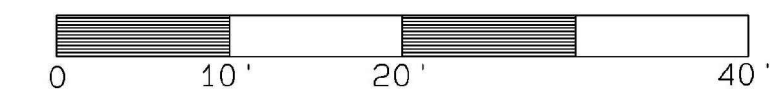
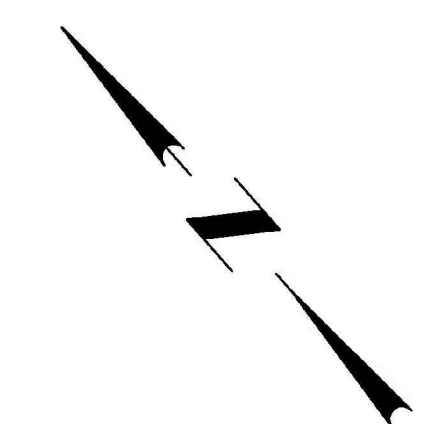
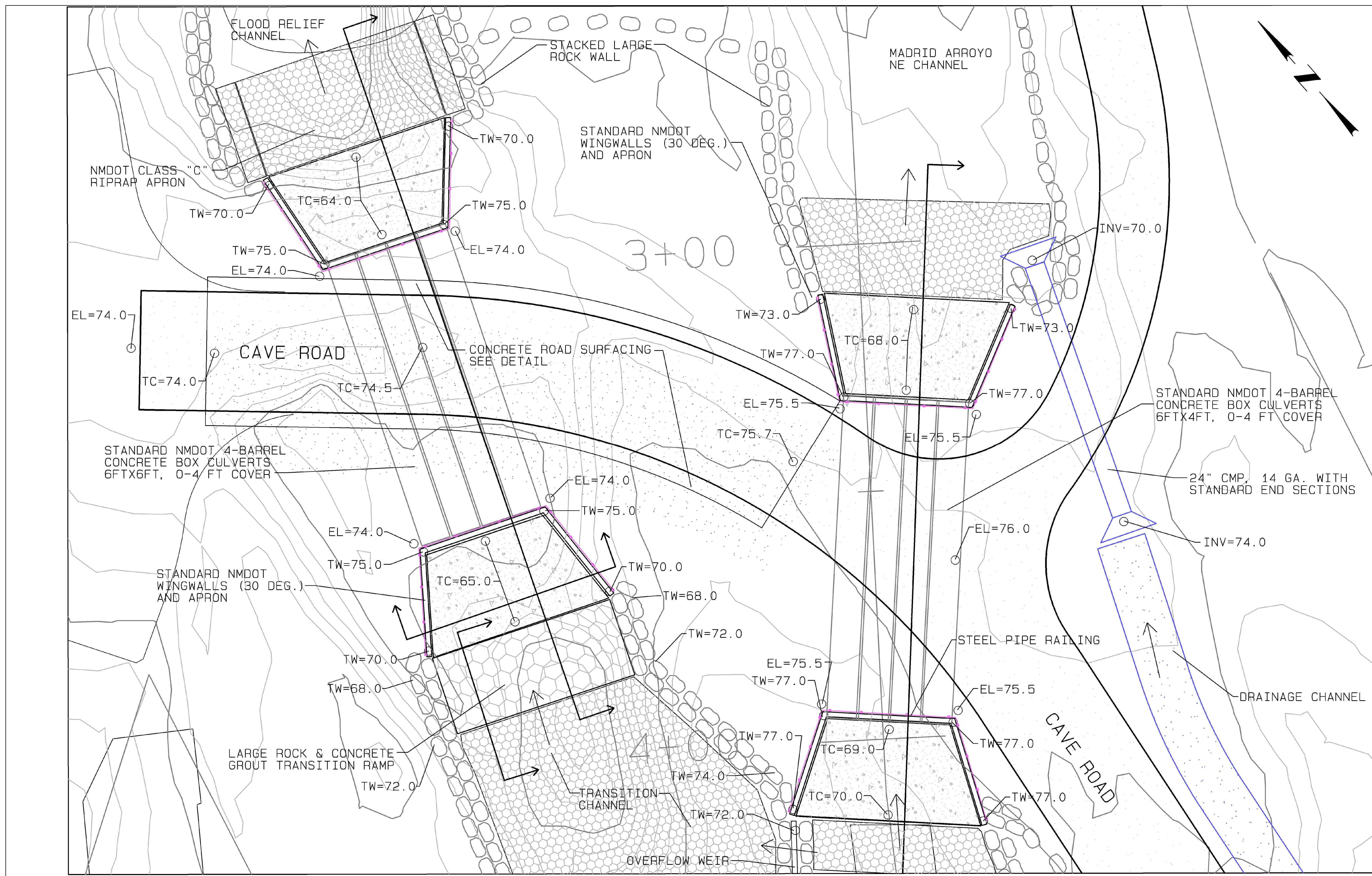
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MADRID ARROYO
ARROYO AND TRAIL PROFILES

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STORM WATER & EROSION CONTROL PROJECT

MADRID NEW MEXICO

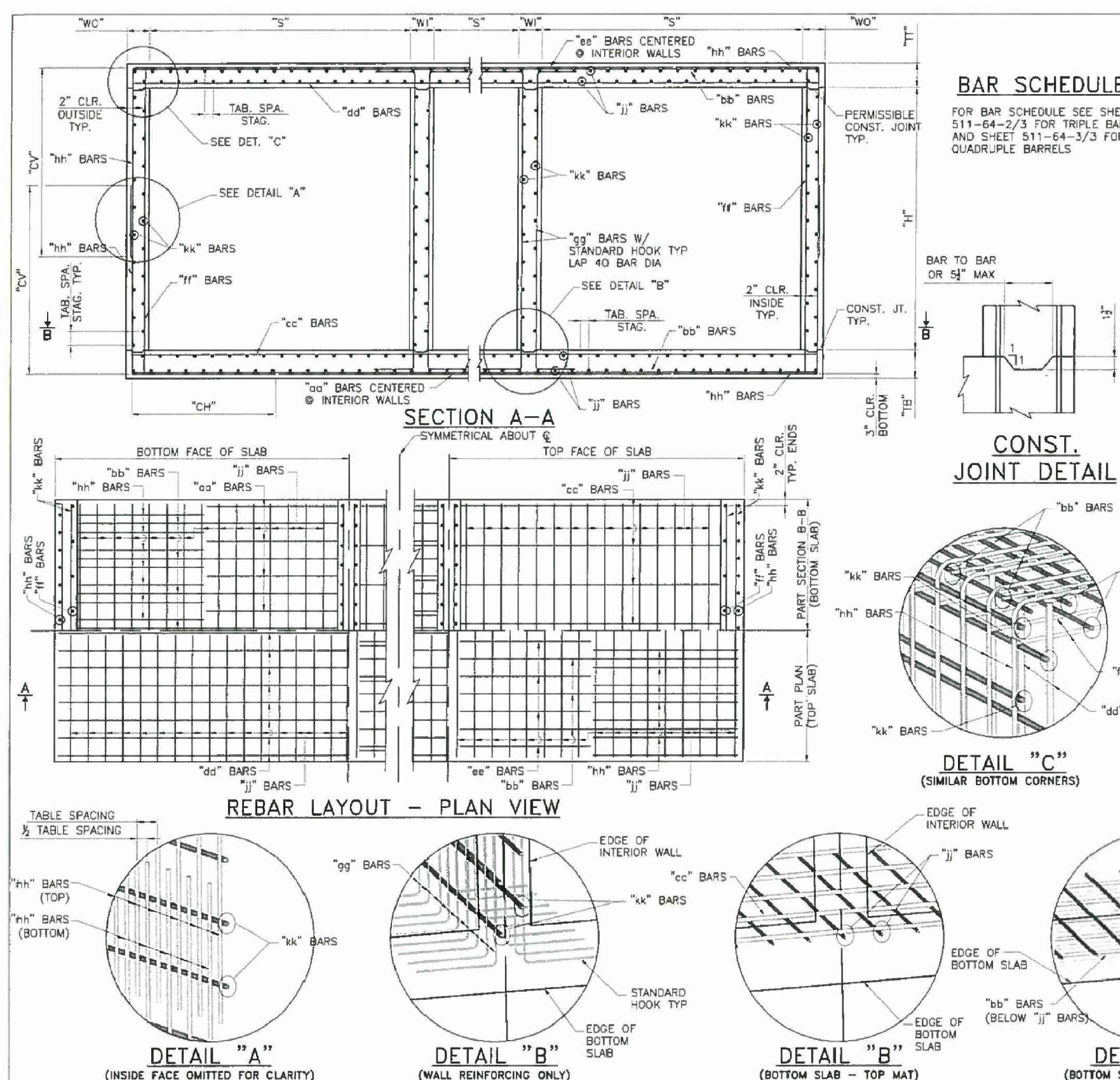
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MADRID ARROYO
SITE PLAN AND GRADING PLAN
CAVE ROAD ARROYO CROSSING

DRAWN	C.PHILIPS	DATE	---	DWG. NO.	C208	REV. NO.	A
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GENERAL NOTES

1. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE NEW MEXICO DEPARTMENT OF TRANSPORTATION SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION (CURRENT EDITION WITH APPLICABLE SPECIAL PROVISIONS).
2. ALL CONCRETE SHALL BE CLASS "M" (4000 psi). CHAMFER ALL EXPOSED EDGES 1/4".
3. ALL REINFORCING STEEL TO BE DEFORMED BARS, CONFORMING TO AASHTO M-31, GRADE 60. ALL DIMENSIONS REFER TO THE CENTERLINE OF BAR.
4. "COVER" IS HEIGHT OF FILL FROM TOP OF BOX TO THE TOP OF PAVEMENT. ORIGINAL HEIGHT OF COVER MAY NOT BE EXCEEDED IN THE FUTURE OR WILL REQUIRE REMOVAL AND REPLACEMENT WITH PROPER DESIGN FILL CBC. IN CASE OF COVER EQUAL TO 10", 15", 20", OR 25" USE HIGHER DESIGN FILL IN CASE OF FUTURE AC OVERLAY.
5. "J" AND "K" BARS MAY BE SPLICED WHEN NECESSARY BY LAPPING AT LEAST 40 BAR DIAMETERS. NO OTHER SPLICING OF BARS WILL BE PERMITTED. LENGTH OF THESE BARS SHALL EQUAL THE LENGTH OF "L" PLUS (2 X "WH") MINUS 4" FOR TOTAL NEW CONSTRUCTION, NOT INCLUDING LAP LENGTH. FOR CULVERT EXTENSION, LENGTH OF THESE BARS SHALL BE "L" PLUS "HW" MINUS 2".
6. REINFORCING SHOWN IS FOR PLACEMENT LOCATION ONLY. USE APPROPRIATE SHEETS AND CORRESPONDING TABLES TO DETERMINE THE REINFORCING REQUIREMENTS AND SPACINGS.
7. ALL CONSTRUCTION JOINTS SHALL BE AS PER DETAIL THIS SHEET. CONSTRUCTION JOINTS ARE PERMISSIBLE AND SHALL BE LOCATED AT WALL/SLAB HORIZONTAL INTERFACE.
8. DO NOT BACKFILL WALLS UNTIL TOP SLAB HAS REACHED 4000 PSI DESIGN STRENGTH.
9. CBC'S SHALL BE CONSTRUCTED TO THE SPAN, HEIGHT, NUMBER OF BARRELS, SLOPE, AND BACKFILL GRADE AS SPECIFIED ON THE PLAN AND PROFILE AND STRUCTURAL PLACEMENT SECTIONS.
10. EXCAVATION AND BACKFILL OF CBC'S SHALL BE IN ACCORDANCE WITH STANDARD DRAWING 210-01-1/1.

DESIGN

DESIGNED IN ACCORDANCE WITH AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, THIRD EDITION.

PAYMENT

PAYMENT FOR CBC'S IS BASED ON "LIN. FT." UNIT OF MEASUREMENT FOR THE TOTAL LENGTH OF ALL NEW BARRELS CONSTRUCTED AT THE CENTERLINE OF BARRELS. I.E. SINGLE BARREL SHALL BE 1 X "L" AND TRIPLE BARREL SHALL BE 3 X "L" FOR PAYMENT. LENGTH OF BARREL SHALL NOT INCLUDE "HW" WHICH SHALL BE PAID FOR SEPARATELY. CONCRETE, REBAR, FORMING, AND OTHER WORK AND MATERIAL, SHALL BE INCLUDED IN THE LIN. FT. COST FOR THE CBC AND NO FURTHER PAYMENT SHALL BE MADE FOR THESE INCIDENTAL ITEMS.

ALTERNATIVELY, A COMPLETE CONCRETE BOX CULVERT MAY BE PAID FOR UNDER CLASS "A" CONCRETE BY "CU. YD." ITEM 311030 AND GRADE 60 REBAR BY "LBS." ITEM 340050.

NO.	DATE	REV. BY	DESCRIPTION
REVISIONS (OR CHANGE NOTICES)			
NEW MEXICO DEPARTMENT OF TRANSPORTATION STANDARD DRAWING			
CBC TRIPLE AND QUADRUPE OPENING - DESIGN FILL "A" 0-10 FT. STRUCTURAL SECTIONS AND REBAR			
APPROVED: _____ DESIGNED BY: TJB, DRAWN BY: JKL, CHECKED BY: HQR 511-64-1/3 1 OF 3			

QUADRUPE OPENING BOX CULVERT STRUCTURE DIMENSIONS				GRADE 60 REINFORCING BAR SCHEDULE (BAR SIZE, SPACING AND LENGTH DIMENSIONS)																											
DIM	0-10 FT BURIAL DESIGN FILL "A"	"oo"	"oe"	"oo" & "oe"	"bb"	"cc"	"dd"	"bb" & "cc"	"ff"	"gg"	"ff" & "gg"	"hh"	"jj"	"kk"	NUMBER OF BARS			SPACING			LENGTH			SPACING			LENGTH				
SPAN "S" INSIDE	HEIGHT "H" INSIDE	TOP SLAB "T"	BOTTOM SLAB "B"	WALLS OUTER "W"	WALLS INTERIOR "W"	SIZE	SIZE	SIZE	SIZE	SIZE	SIZE	SIZE	SIZE	SIZE	SIZE	SIZE	SIZE	SIZE	SIZE	SIZE	SIZE	SIZE	SIZE	SIZE	SIZE	SIZE	SIZE	SIZE	SIZE	SIZE	
4' 2"	7.5"	8.5"	7.5"	6.0"	4.5"	#5	#5	12"	12"	5'-0"	3	#5	#5	12"	12"	4# 6"	4# 6"	18'-5"	4# 6"	4# 12"	2'-11"	4# 6"	24"	25"	4# 6"	4# 6"					

FOR EXTENSIONS OF EXISTING CBC'S OF 5'-5", 5'-7", AND 5'-9" SIZE SPANS NOT INCLUDED IN THIS TABLE. USE DIMENSIONS FOR NEXT GREATER SPAN TO BUILD. FOR EXAMPLE, FOR 5'-6" USE DESIGN DIMENSIONS FROM THE TABLE FOR 5'-6". ALSO REDUCE THE 5'-6" TABLE LENGTH OF BARS "bb", "cc", AND "dd" BY ONE FOOT TO ACCOMMODATE THE SHORTER SPAN. SEE DETAILS ON SHEET 511-66-4/S. ANY OTHER SIZES OF BOX EXTENSIONS NOT COVERED BY THIS MODIFICATION SHALL BE DONE THROUGH SPECIAL DESIGNS INCLUDED IN THE PROJECT PLANS.

** TOTAL LENGTH OF "gg" BARS IS TABLE LENGTH PLUS TWO STANDARD 90° HOOKS AND OPTIONAL 40 BAR # LAP IF NECESSARY.

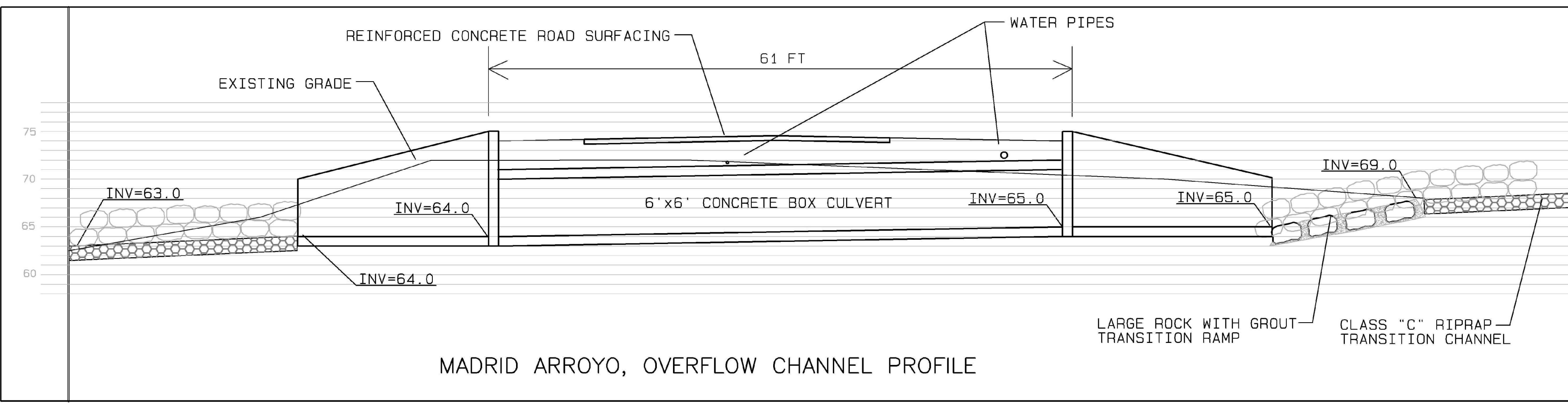
EXAMPLE OF USE OF THIS TABLE:
PROPOSED STRUCTURE - QUADRUPE BARREL, 10 FT. SPAN/7 FT. HEIGHT, CBC WITH 2 FT. DEPTH OF COVER.
USE THE FOLLOWING BUILD INFORMATION FROM THE TABLE ABOVE:

DIM	0-10 FT BURIAL DESIGN FILL "A"	"oo"	"oe"	"oo" & "oe"	"bb"	"cc"	"dd"	"bb" & "cc"	"ff"	"gg"	"ff" & "gg"	"hh"	"jj"	"kk"																
10' 7"	11.0"	10.5"	7.5"	6.0"	#8	#12	#7	#12	10'-9"	3	#8	#12	6# 6"	6# 6"	42'-5"	4# 6"	4# 12"	8'-4"	4# 6"	38"	61"	4# 6"	4# 6"							

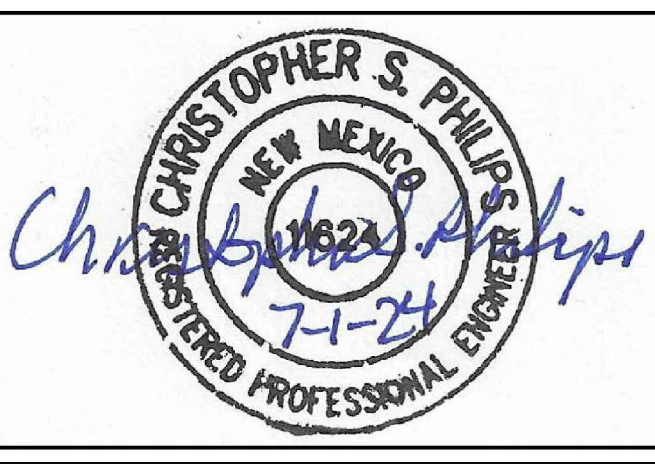
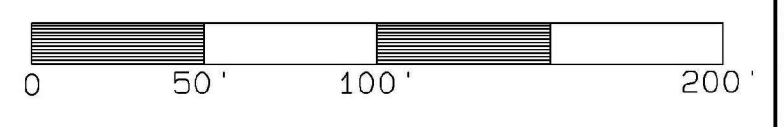
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APPROVED: _____ DESIGNED BY: TJB, DRAWN BY: JKL, CHECKED BY: HQR 511-64-3/3 3 OF 3			

NMDOT CBC SHEET 129

NMDOT CBC SHEET 131



MADRID ARROYO, OVERFLOW CHANNEL PROFILE



**VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT**

MADRID	NEW MEXICO	ALBUQUERQUE
RIVERBEND ENGINEERING, LLC	NEW MEXICO	

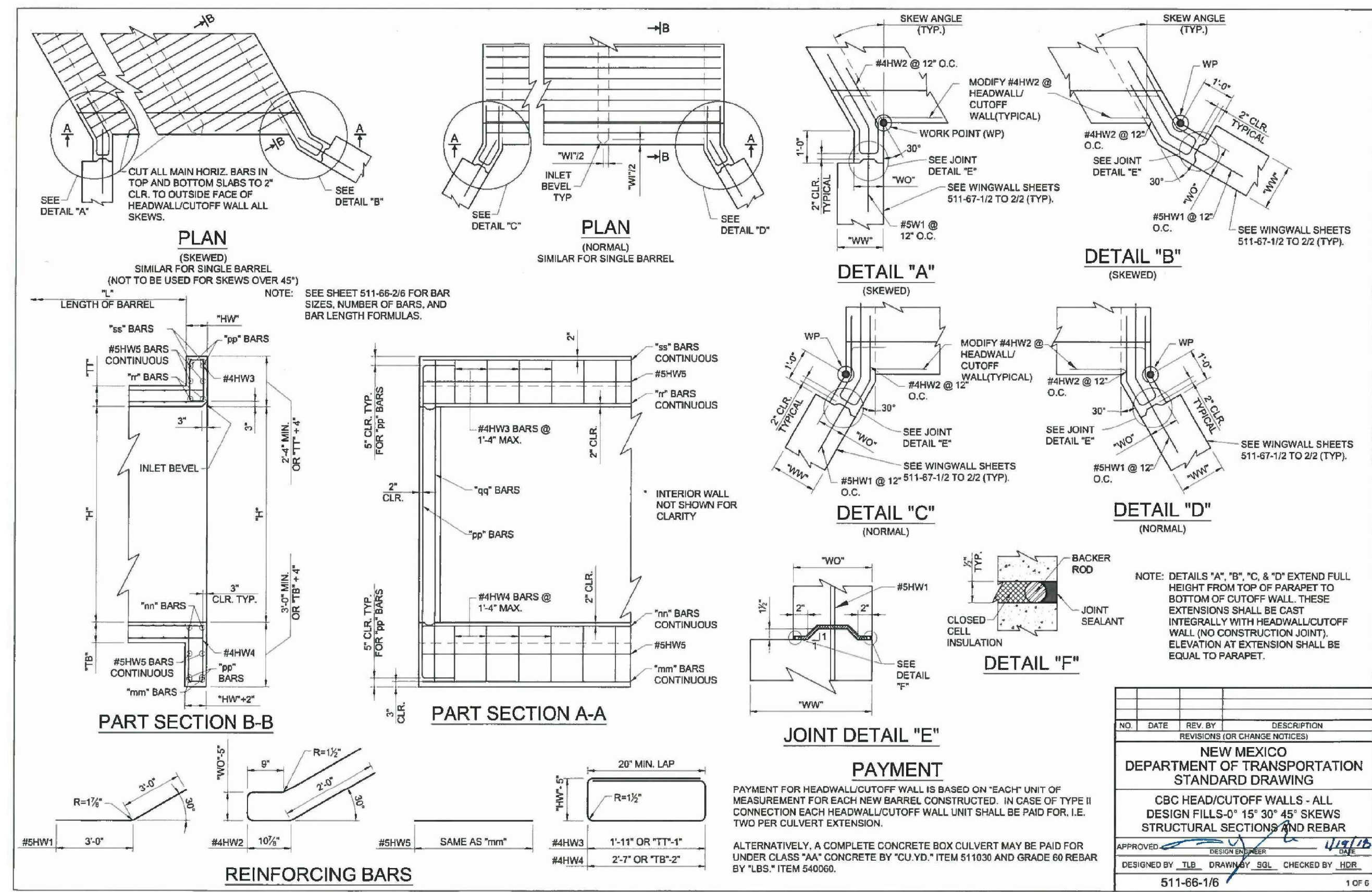
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**MADRID ARROYO
CONCRETE BOX CULVERT DETAILS**

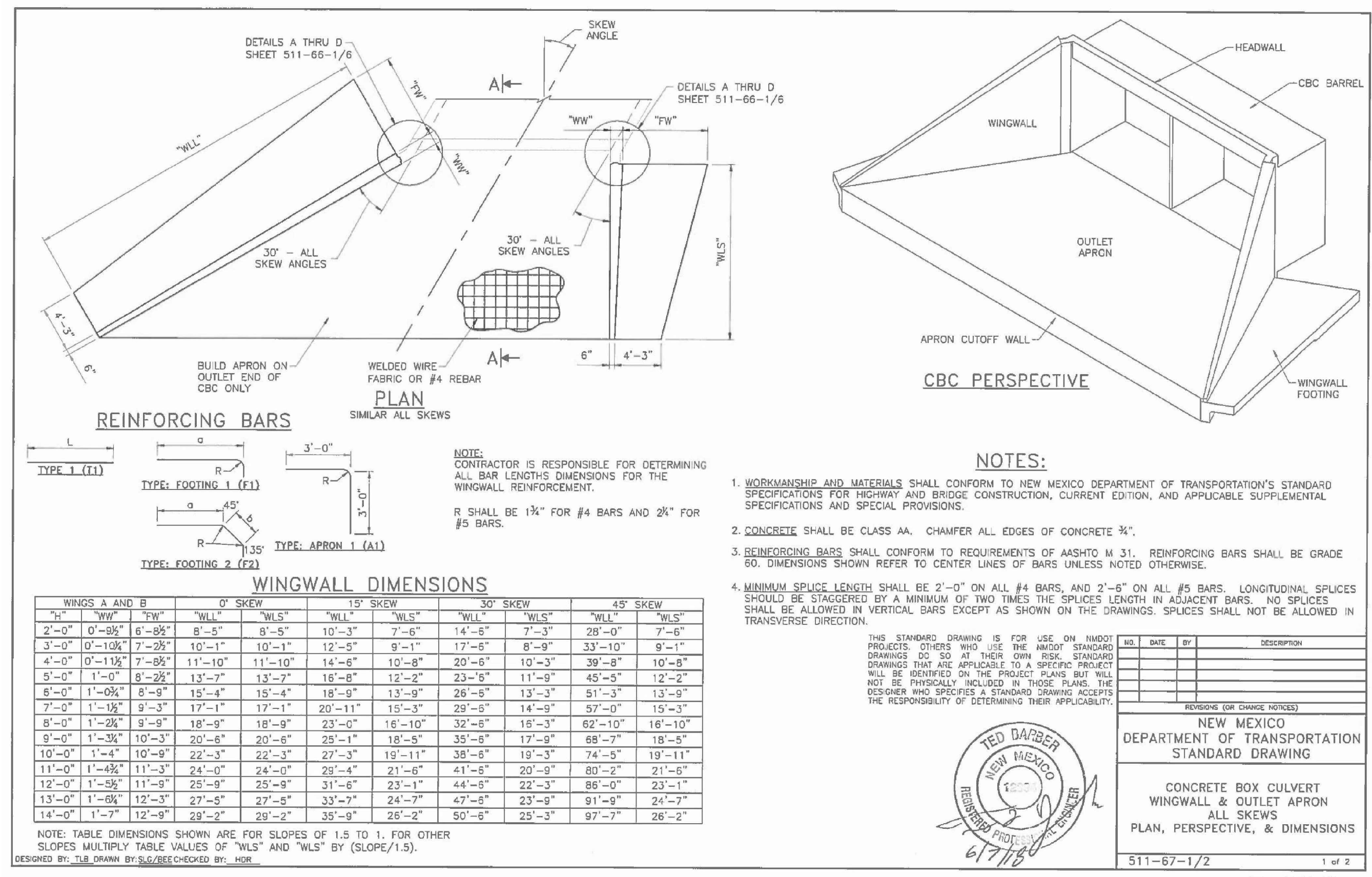
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SCALE		W.O. NO.		SHT	57	OF	75
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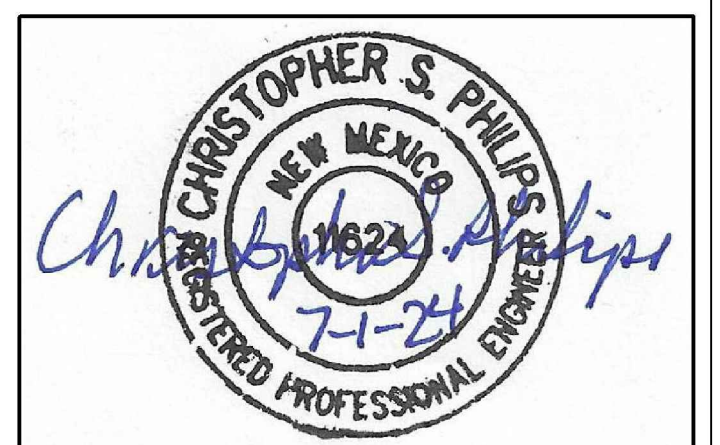
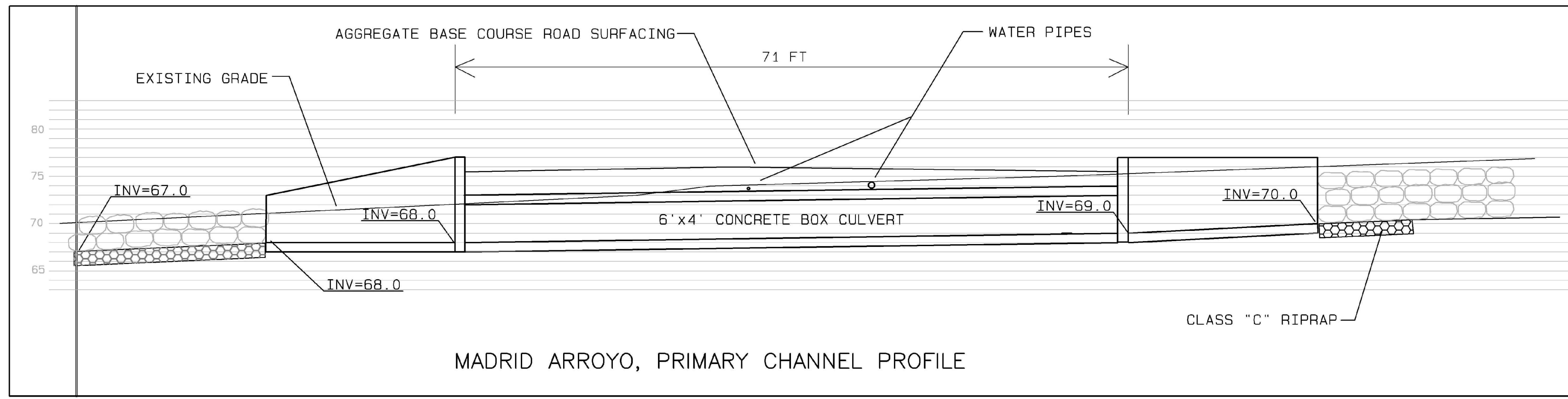
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NMDOT CBC SHEET 135



NMDOT CBC SHEET 140

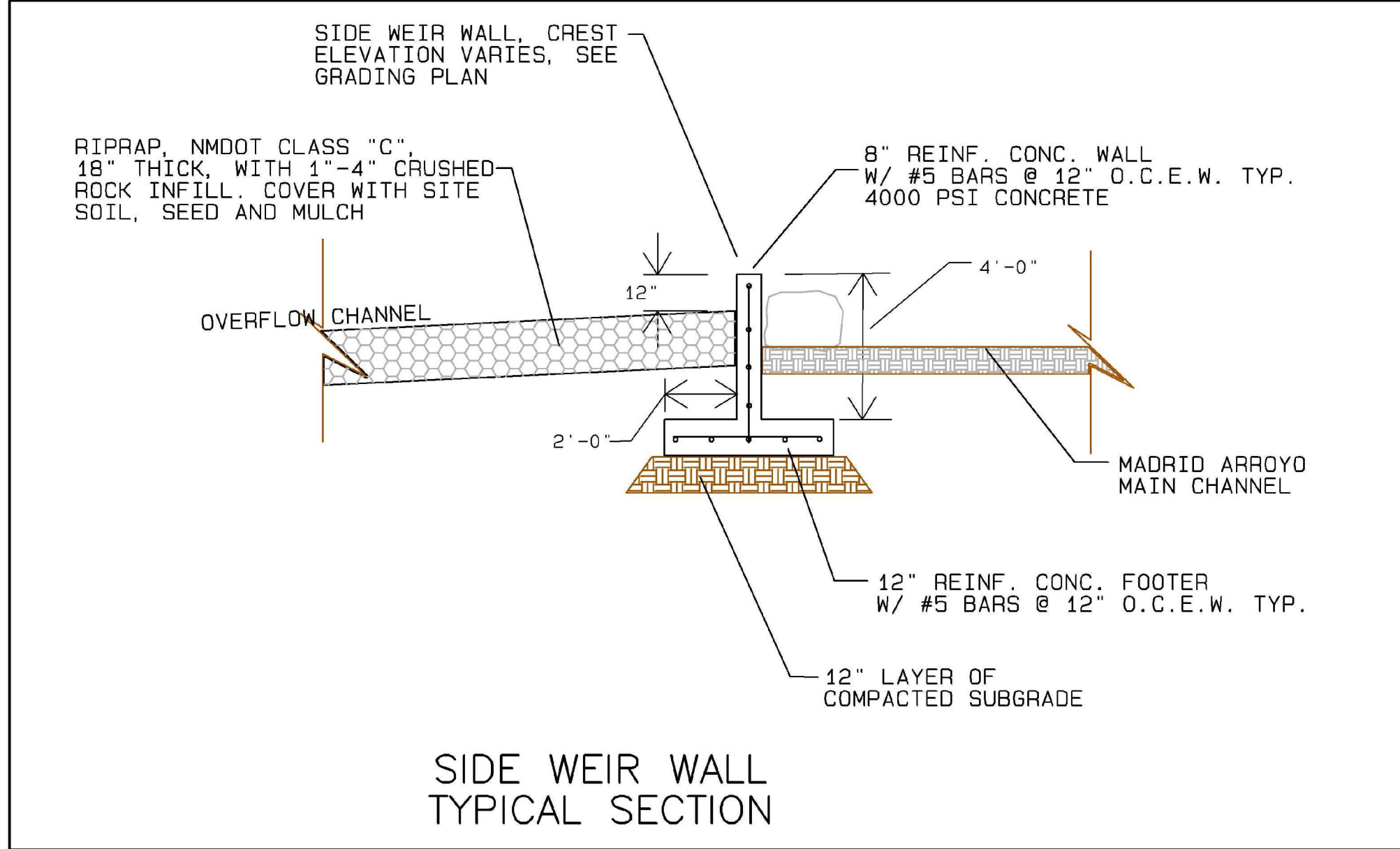


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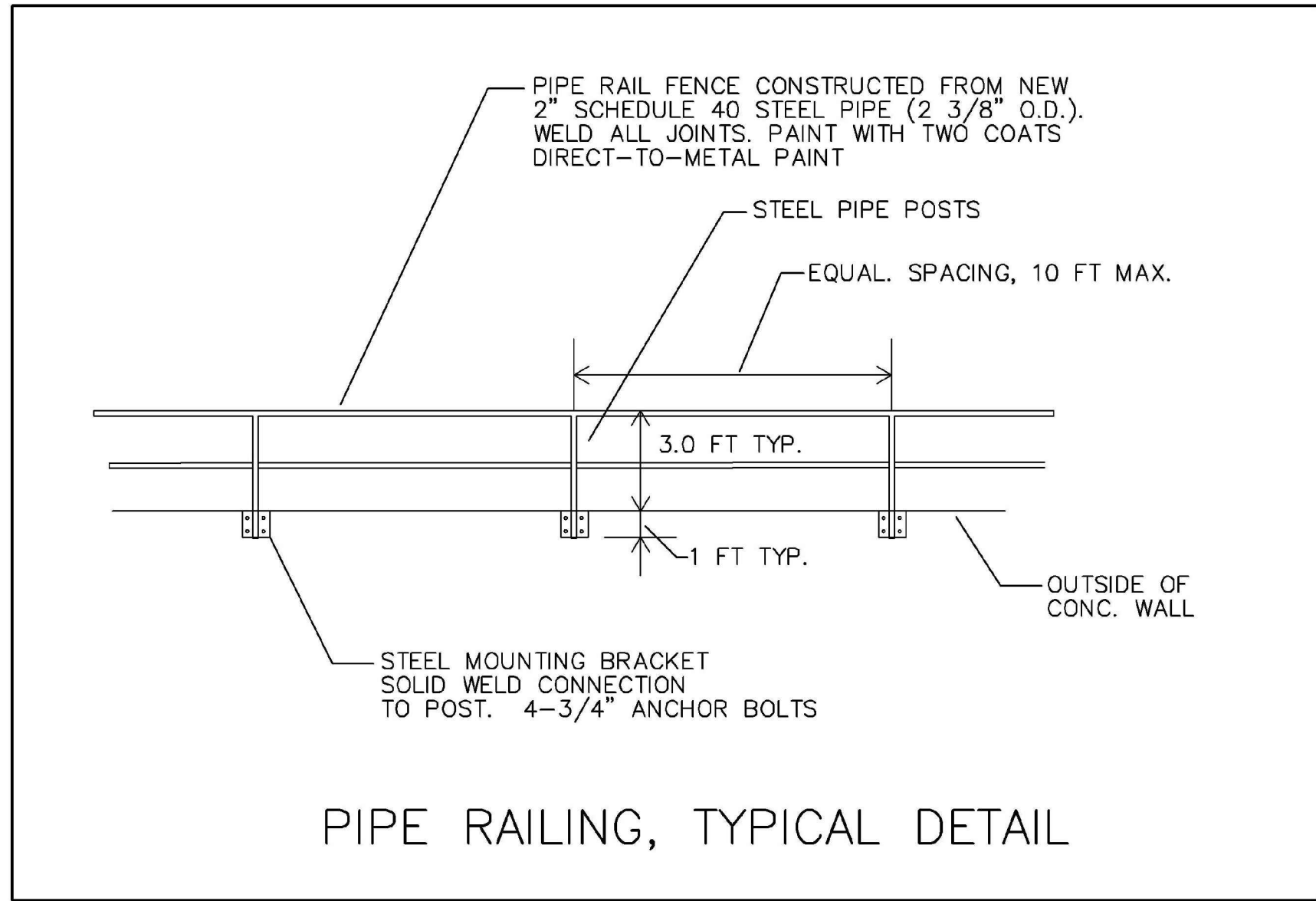
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ALBUQUERQUE NEW MEXICO				APPROVED APPROVED	DATE DATE

MADRID ARROYO CONCRETE BOX CULVERT DETAILS				DRAWN C. PHILIPS SCALE W.O. NO. 15740.001.003	DATE DATE	DWG. NO. C210 SHT. 58 OF 75	REV. NO. A
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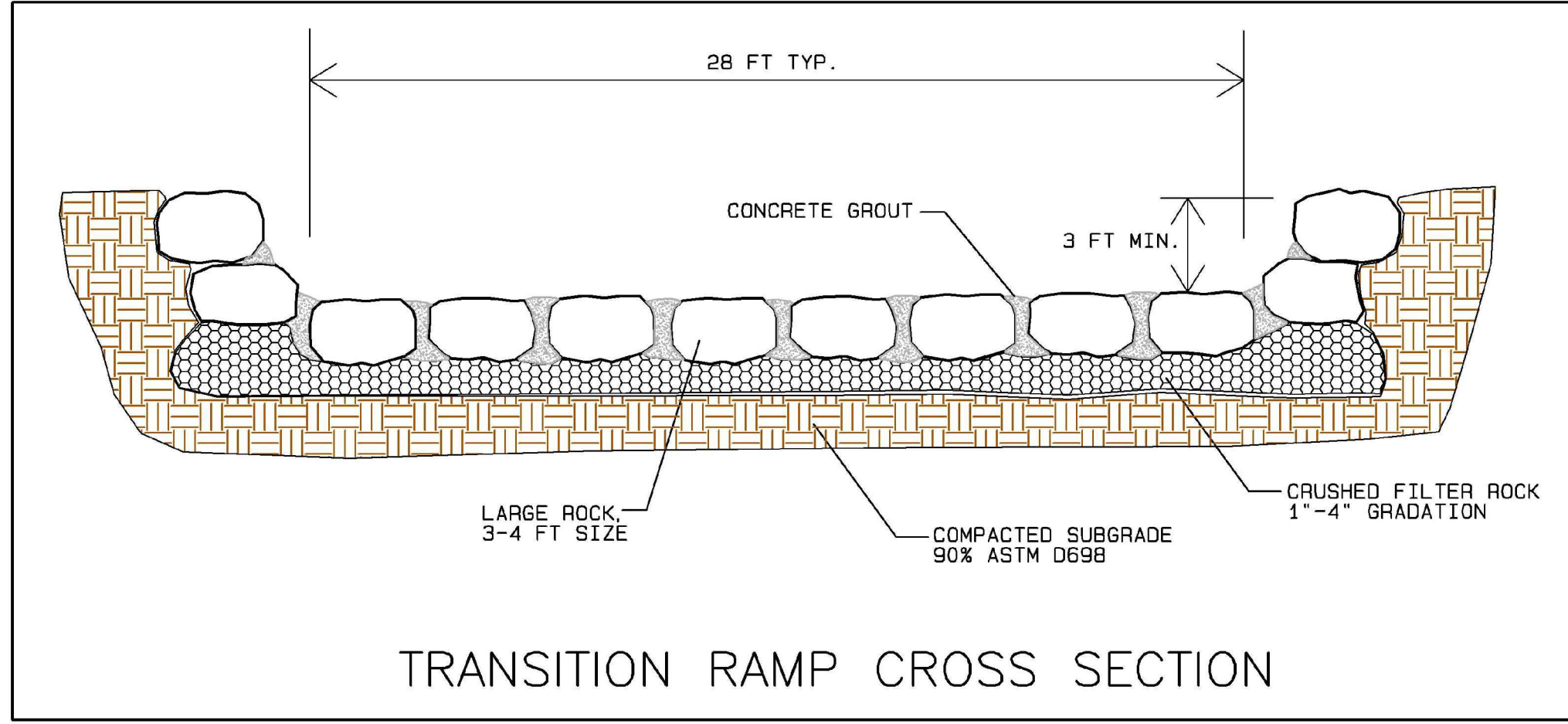
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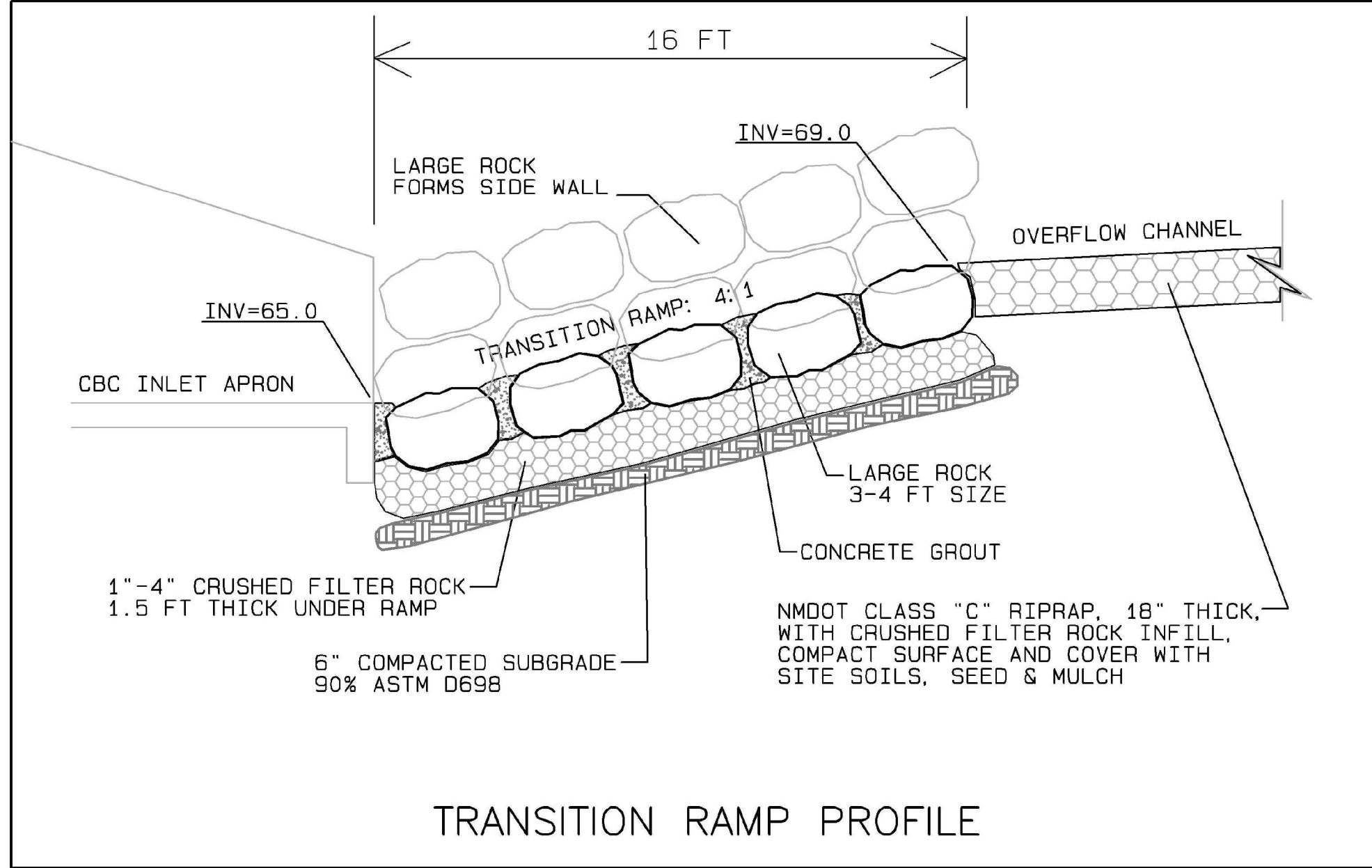
SIDE WEIR WALL TYPICAL SECTION



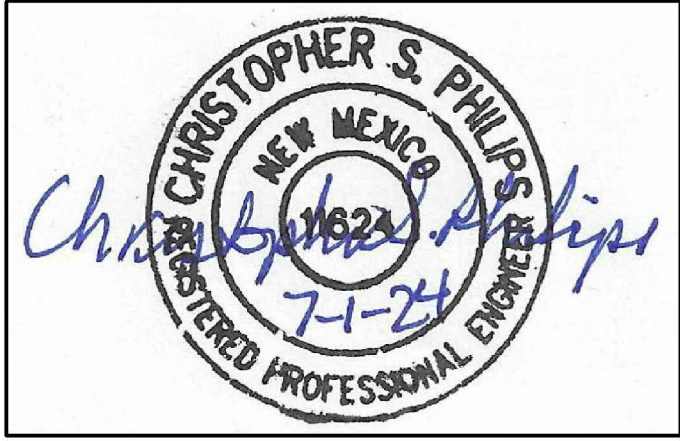
PIPE RAILING, TYPICAL DETAIL



TRANSITION RAMP CROSS SECTION



TRANSITION RAMP PROFILE



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VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT

MADRID NEW MEXICO

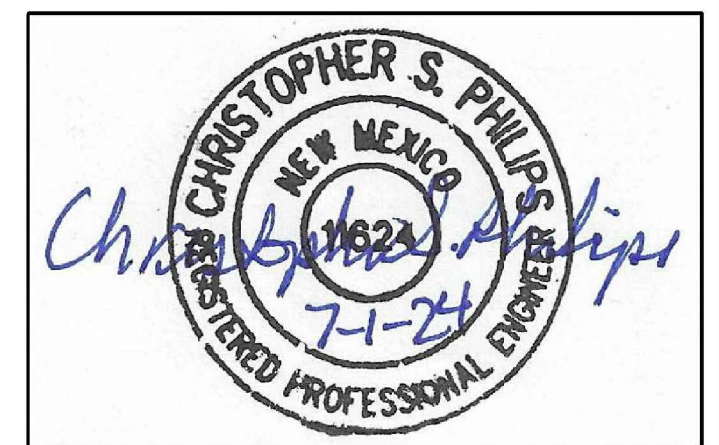
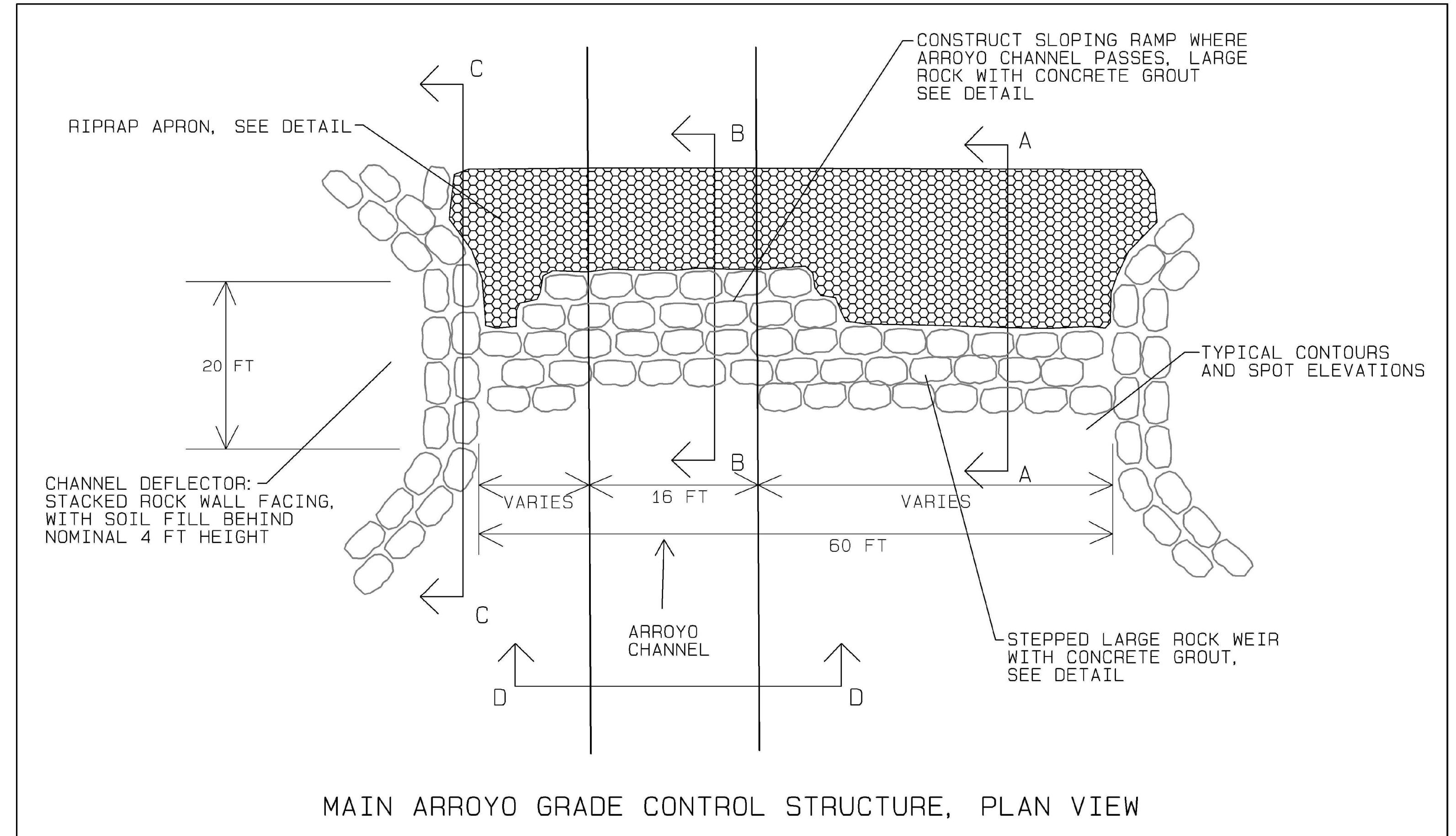
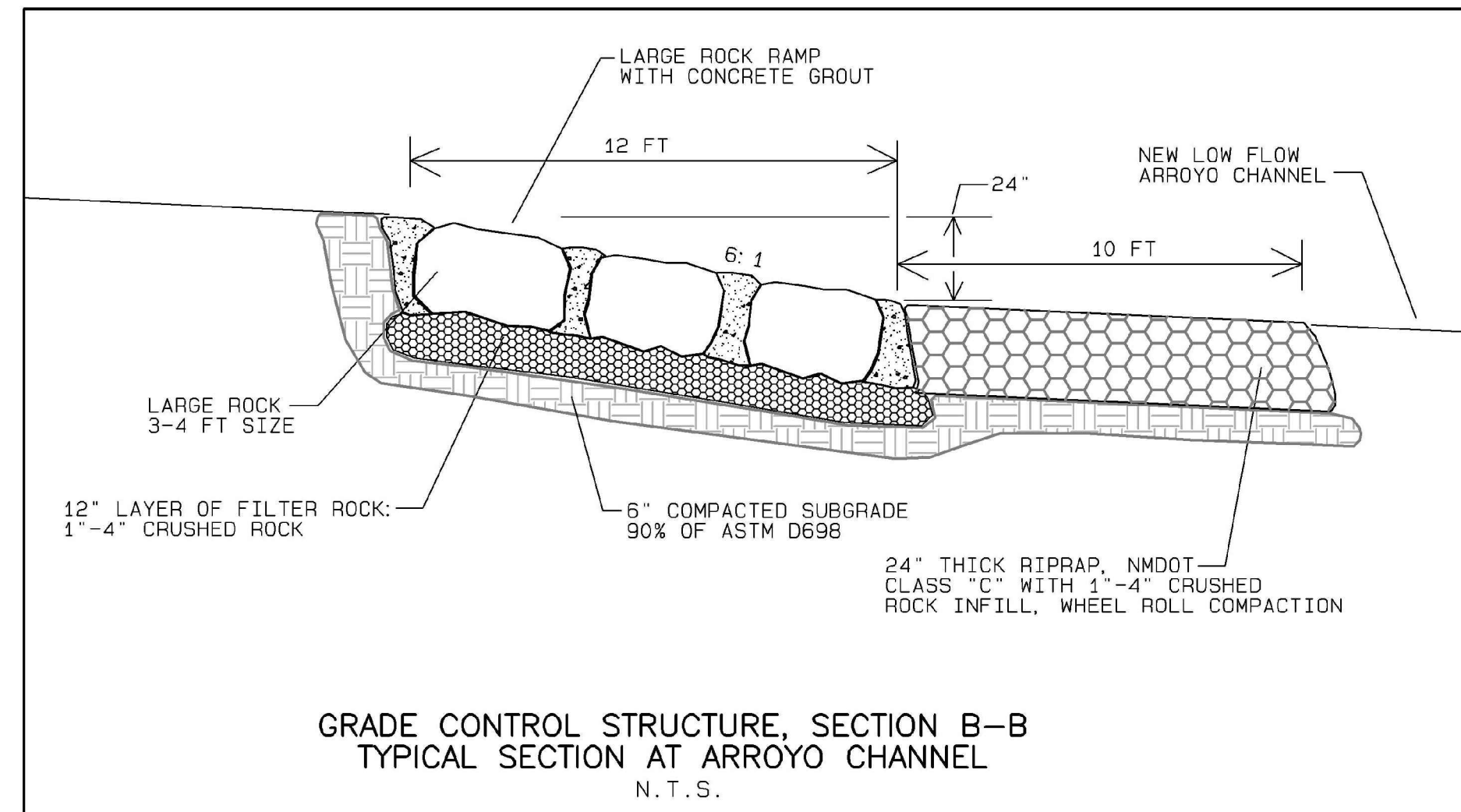
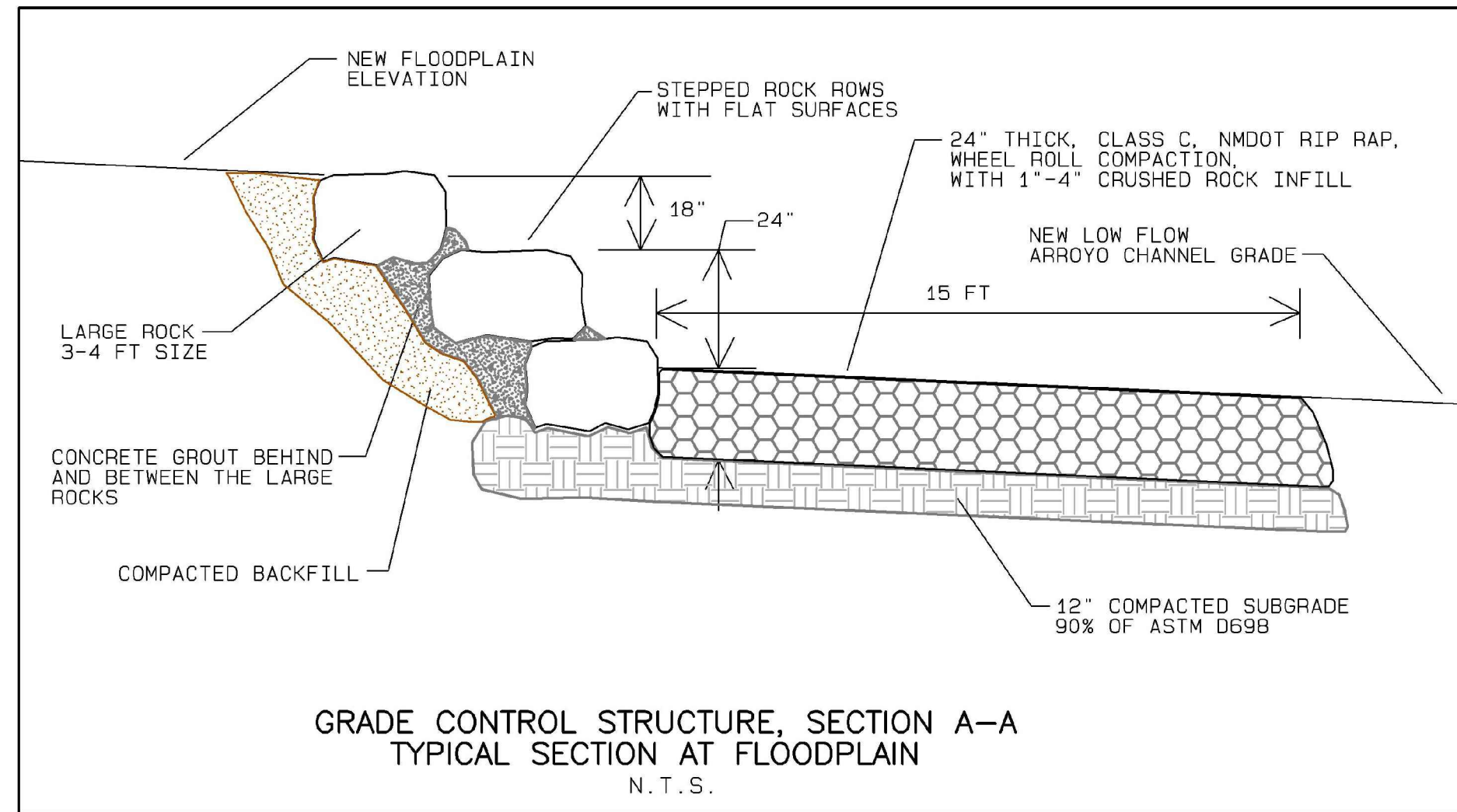
RIVERBEND ENGINEERING, LLC

ALBUQUERQUE NEW MEXICO

CHECKED	DATE	CLIENT APPROVALS	DATE
CP	JUNE 24		
DES. ENG.	CP		
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MADRID ARROYO
CAVE ROAD CROSSING DETAILS

DRAWN	C.PHILIPS	DATE	---	DWG. NO.	C212	REV. NO.	A
SCALE		W.O. NO.		15740.001.003		SHT.	60 OF 75



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VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT

MADRID NEW MEXICO

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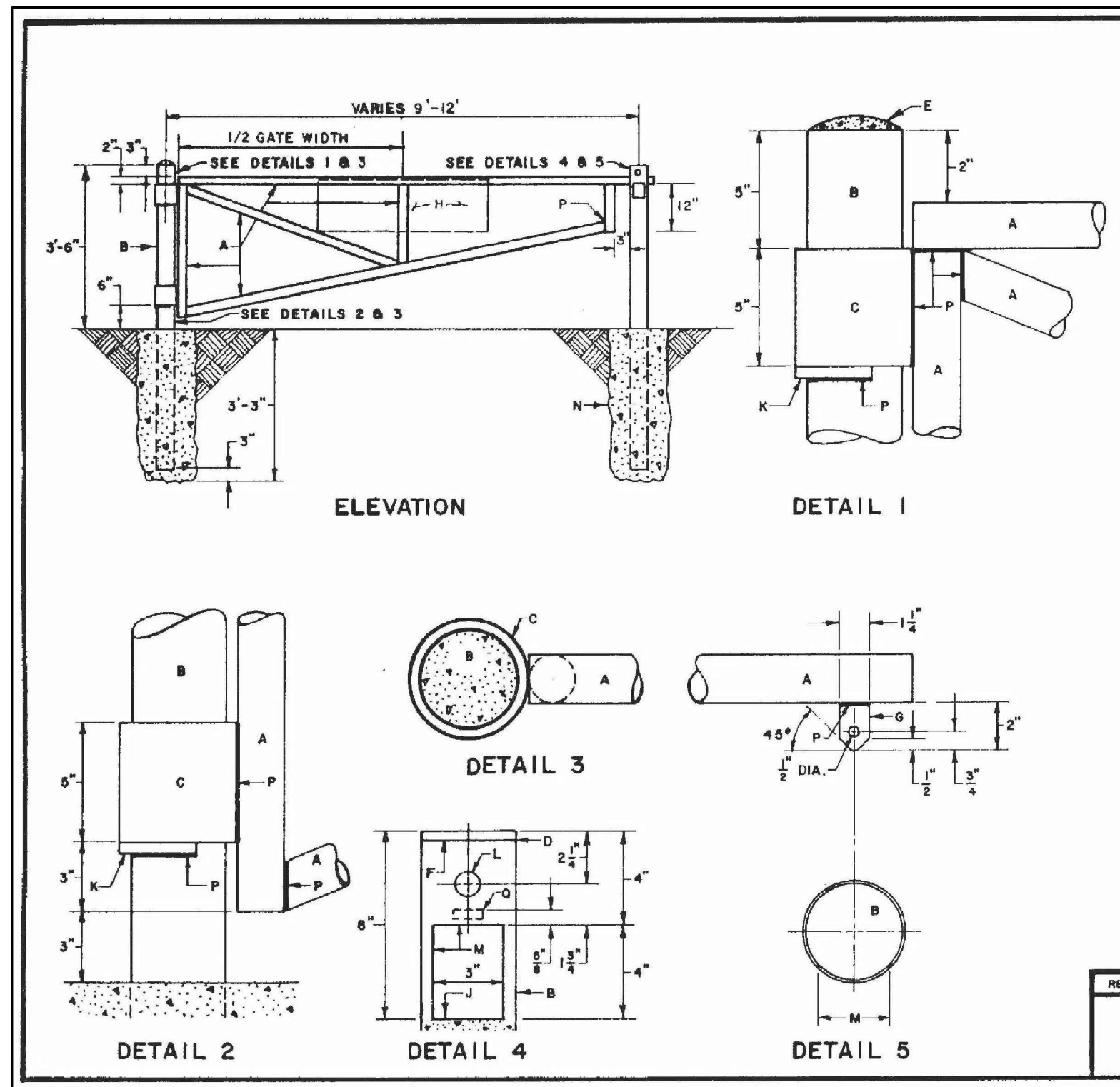
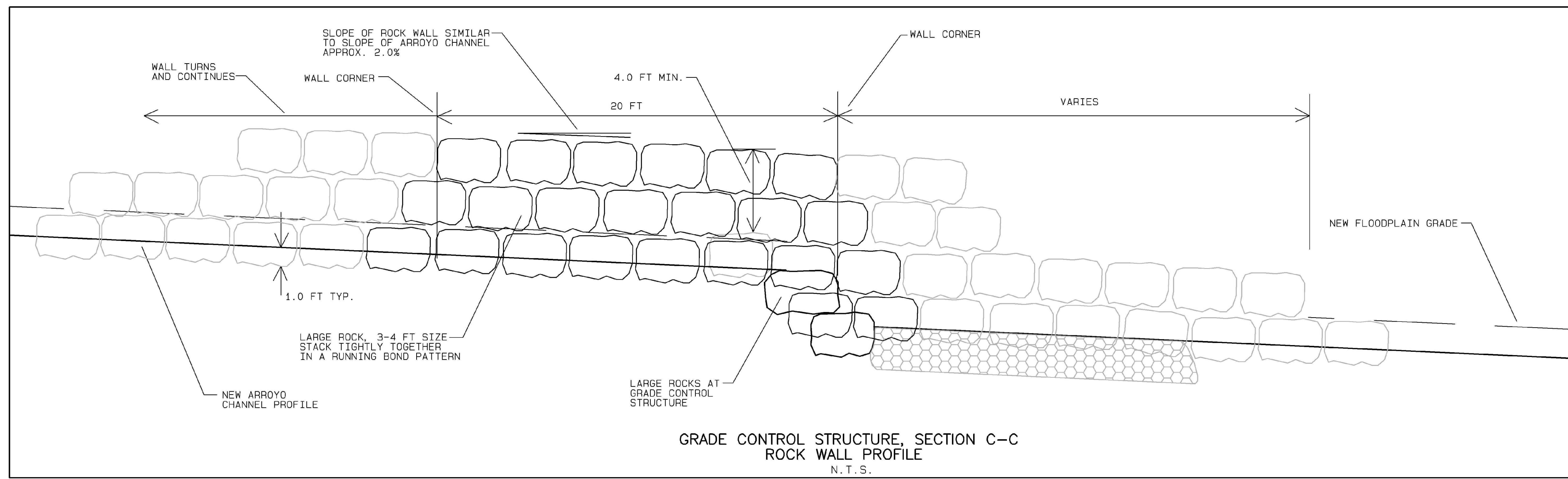
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MADRID ARROYO
GRADE CONTROL STRUCTURE DETAILS

DRAWN	C.PHILIPS	DATE	---	DWG. NO.	C213	REV. NO.	A
SCALE		W.O. NO.				SHT	61 OF 75

15740.001.003

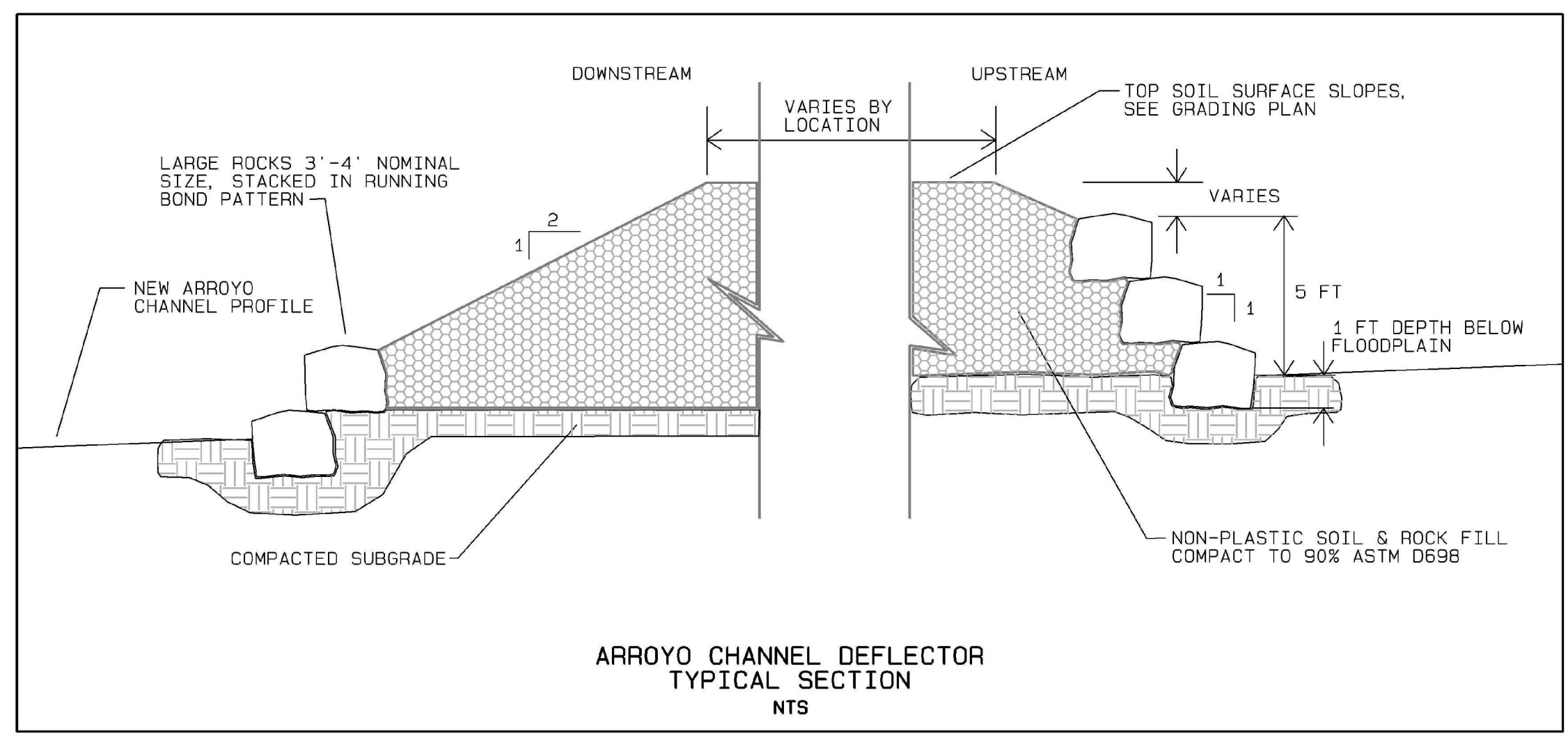


GENERAL NOTES:

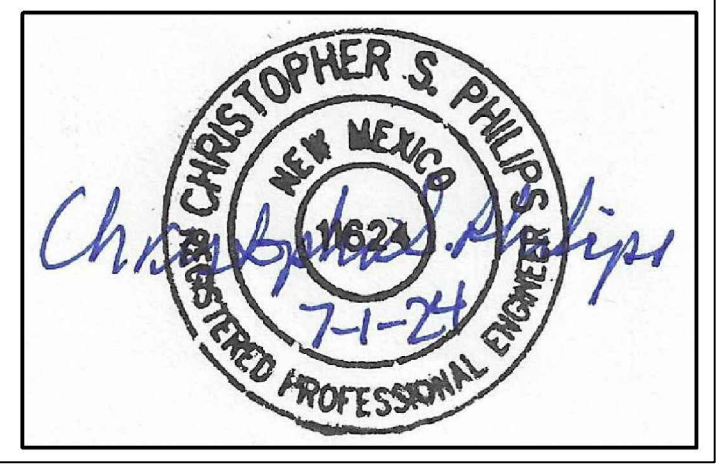
- ALL WELDED AND CUT AREAS TO BE CLEANED THOROUGHLY WITH A WIRE BRUSH AND OR SAND BLAST AND REGRANULATED.
- REGALVANIZING SHALL BE WITH SHERWIN WILLIAMS ZINC CLAD 7 PRIMER OR EQUAL.

CONSTRUCTION NOTES:

- 2" NOMINAL DIA. GALV. PIPE, MIN. WEIGHT PER FT. 3.55 LBS.
- 4" DIA. BLACK STEEL PIPE, MIN. 10.79 LBS./FT., CONC. FILLED, PAINT W/2 COATS ALUM. PAINT.
- 5" DIA. BLACK STEEL PIPE, MIN. 14.62 LBS./FT., PAINT W/2 COATS ALUM. PAINT.
- 1/2" BUTT WELD ALL AROUND.
- CONCRETE ROUNDED AT TOP OF POST.
- 3/8" X 4 1/2" DIA. STEEL PLATE.
- 3/8" STEEL PLATE FLANGE.
- REFLECTIVE SIGN STATING, AUTHORIZED VEHICLES ONLY, WILL BE PROVIDED AND INSTALLED BY CITY.
- STOP CONC. IN PIPE AT THIS POINT.
- 1/2" SQ. STEEL BAR FOR HINGE SUPPORT. POSITION BAR TO ALLOW UNRESTRICTED GATE ROTATION THROUGH ENTIRE SWING OF GATE OPENING.
- 1" DIA. FINGER HOLE.
- MAKE A 3" X 4" CUT IN PIPE.
- 3,000 PSI AIR ENTRAINED FLY ASH CONC.
- WELD ALL 2" PIPE & FIXTURE CONNECTIONS WITH 3/8" FILLET ALL AROUND.
- 1 1/2" X 5/8" SLOT FOR STEEL PLATE FLANGE.



CITY OF ALBUQUERQUE	
DRAINAGE	
PIPE GATE DETAIL	
DWG. 2251	
AUG. 1988	

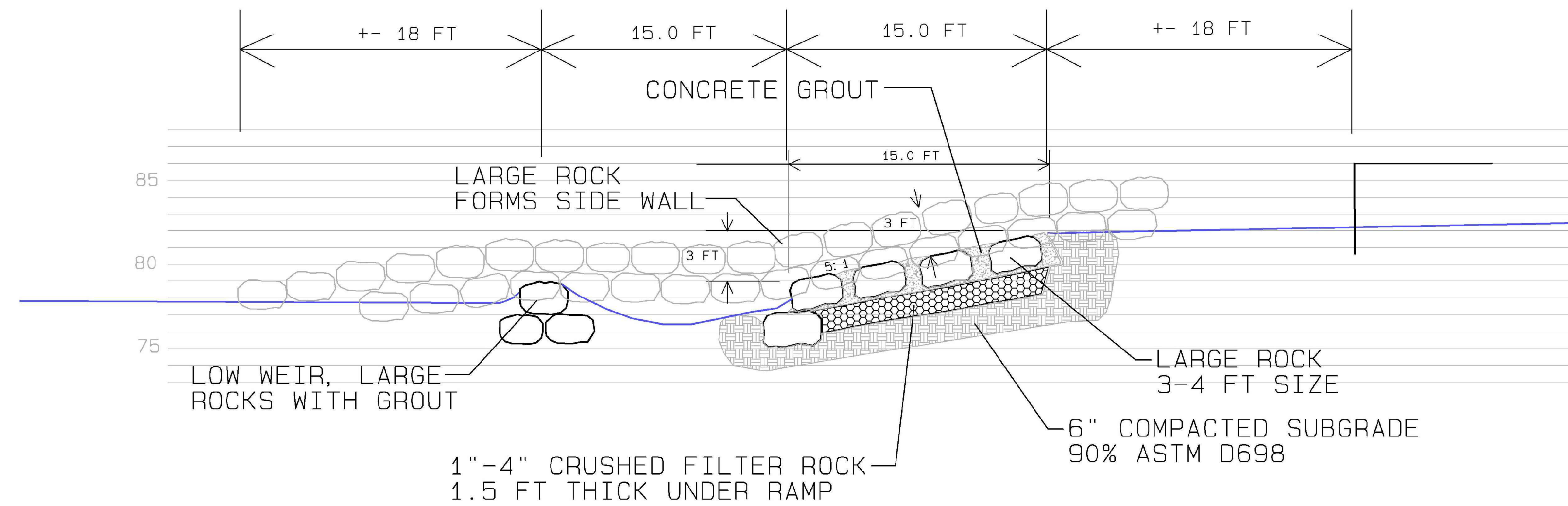


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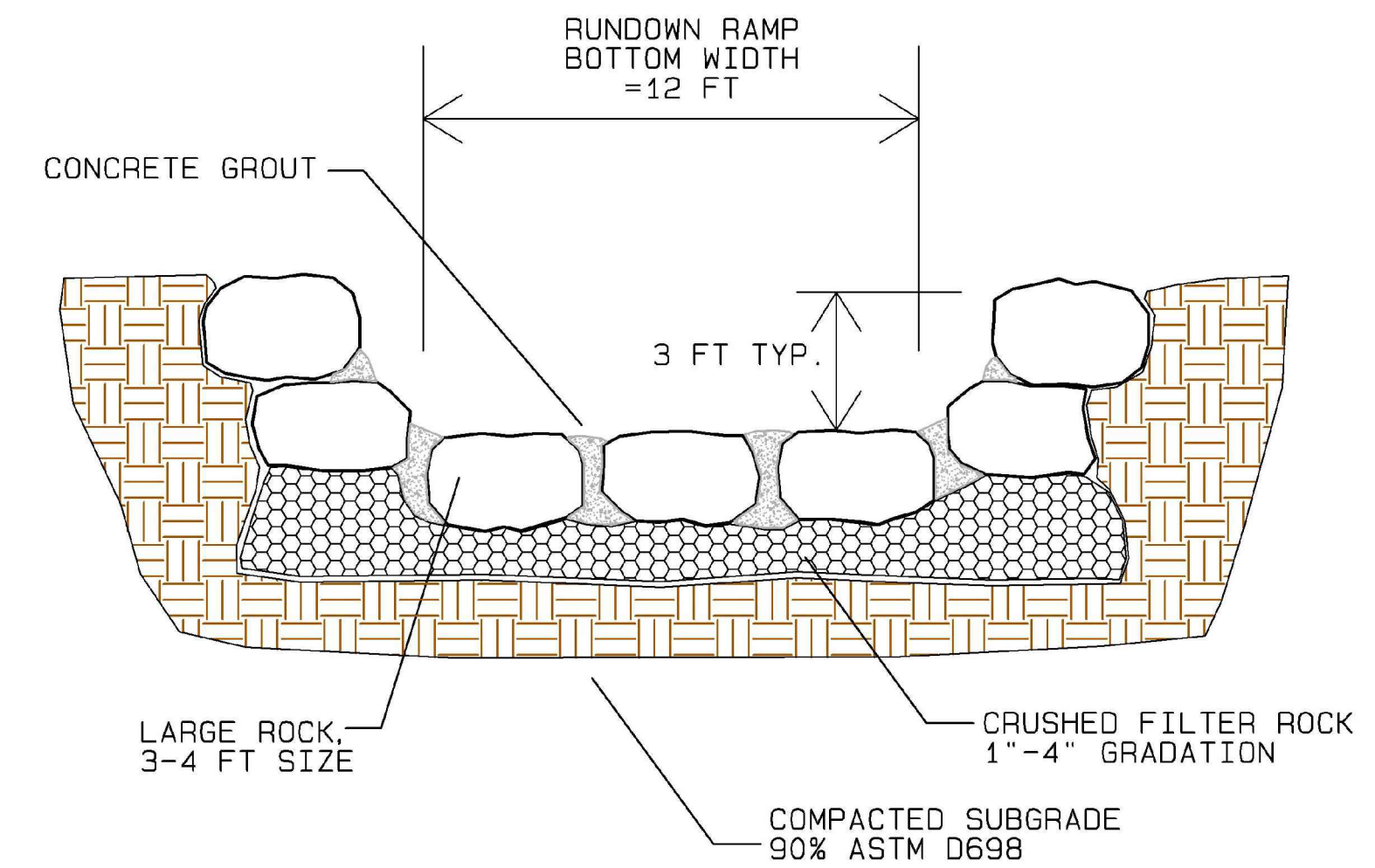
NO.	DATE	APPR.	REVISION	NO.	DATE	APPR.	REVISION

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NEW MEXICO				PROJ. ENG.	CP	DATE	JUNE 24		
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NEW MEXICO				APPROVED					

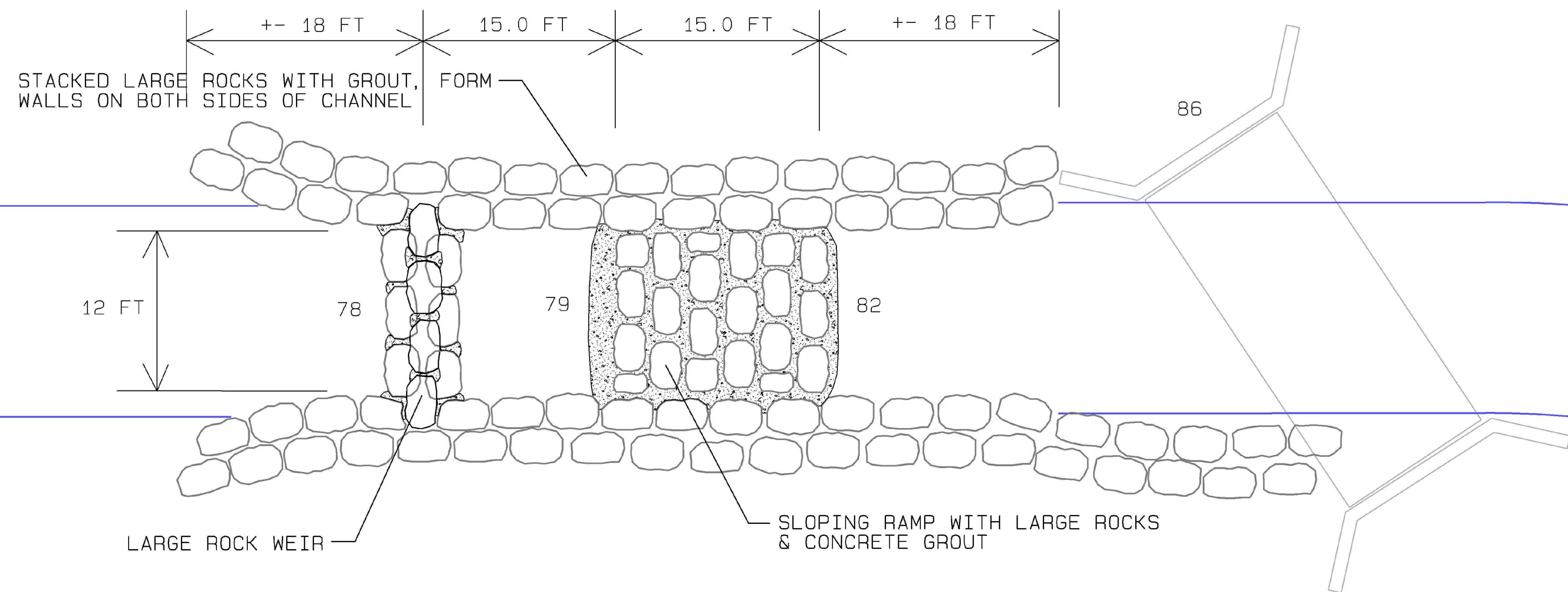
MADRID ARROYO GRADE CONTROL STRUCTURE DETAILS							
DRAWN	C. PHILIPS	DATE	---	DWG. NO.	C214	REV. NO.	A
SCALE		W.O. NO.	15740.001.003	SHT.	62	OF	75



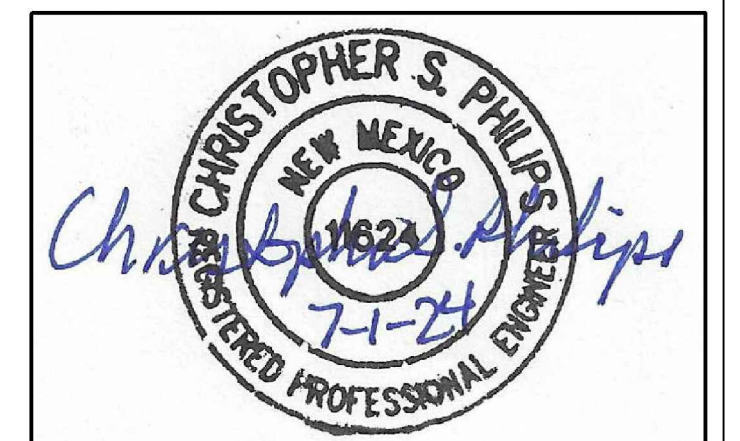
DRAINAGE DITCH RUNDOWN, PROFILE VIEW



DRAINAGE CHANNEL RUNDOWN
TYPICAL SECTION



DRAINAGE DITCH RUNDOWN, PLAN VIEW



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VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT

MADRID NEW MEXICO

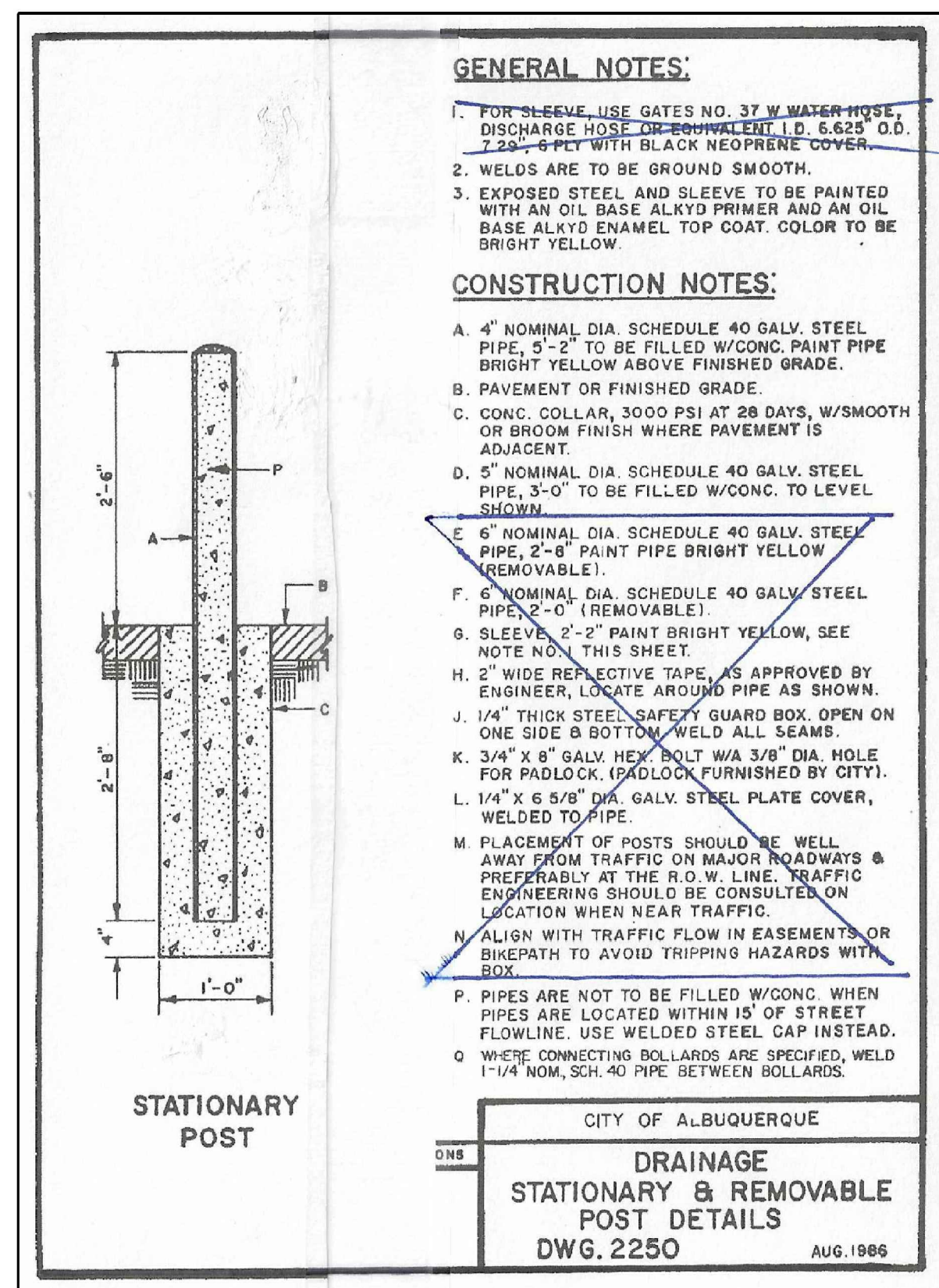
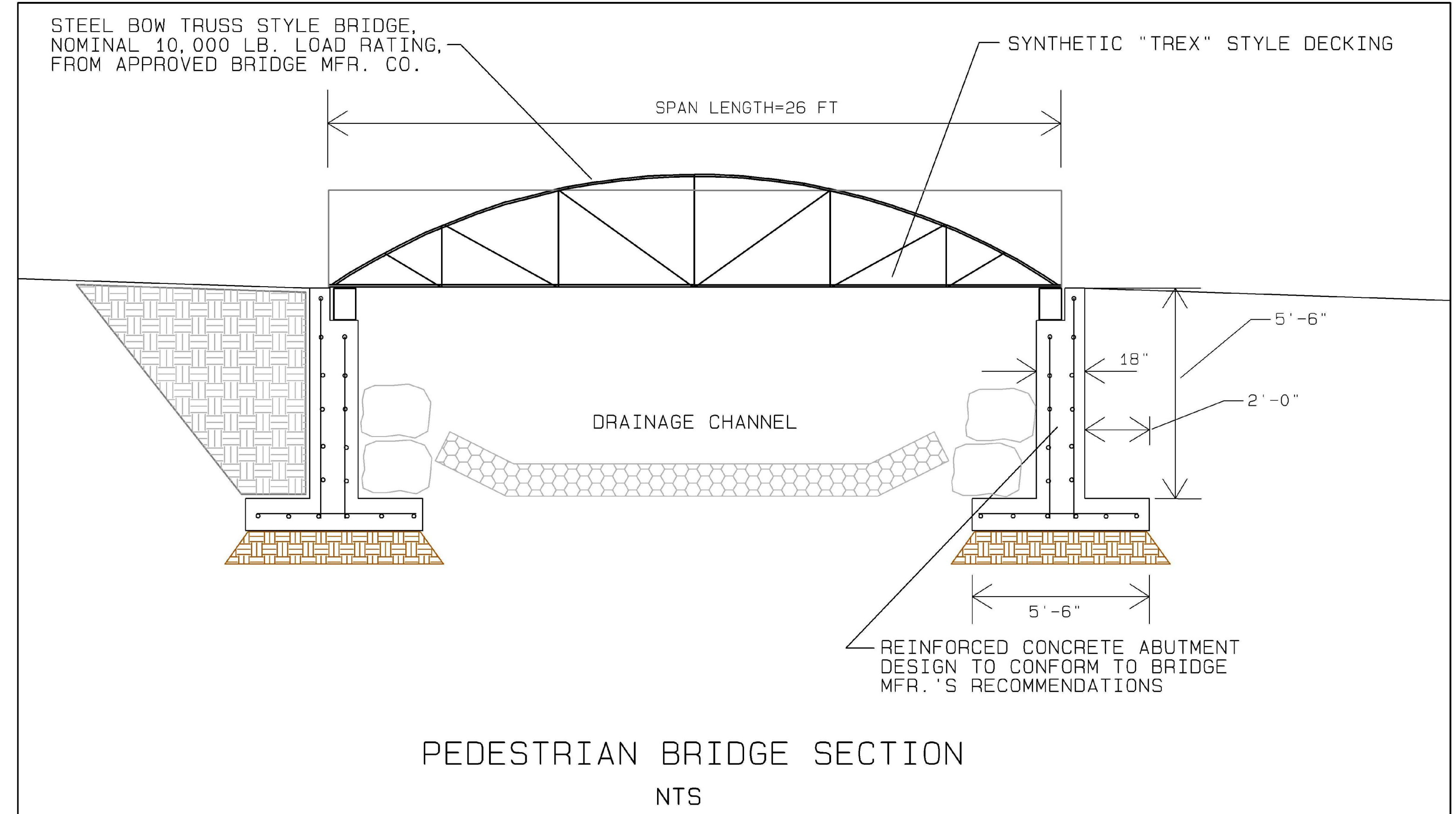
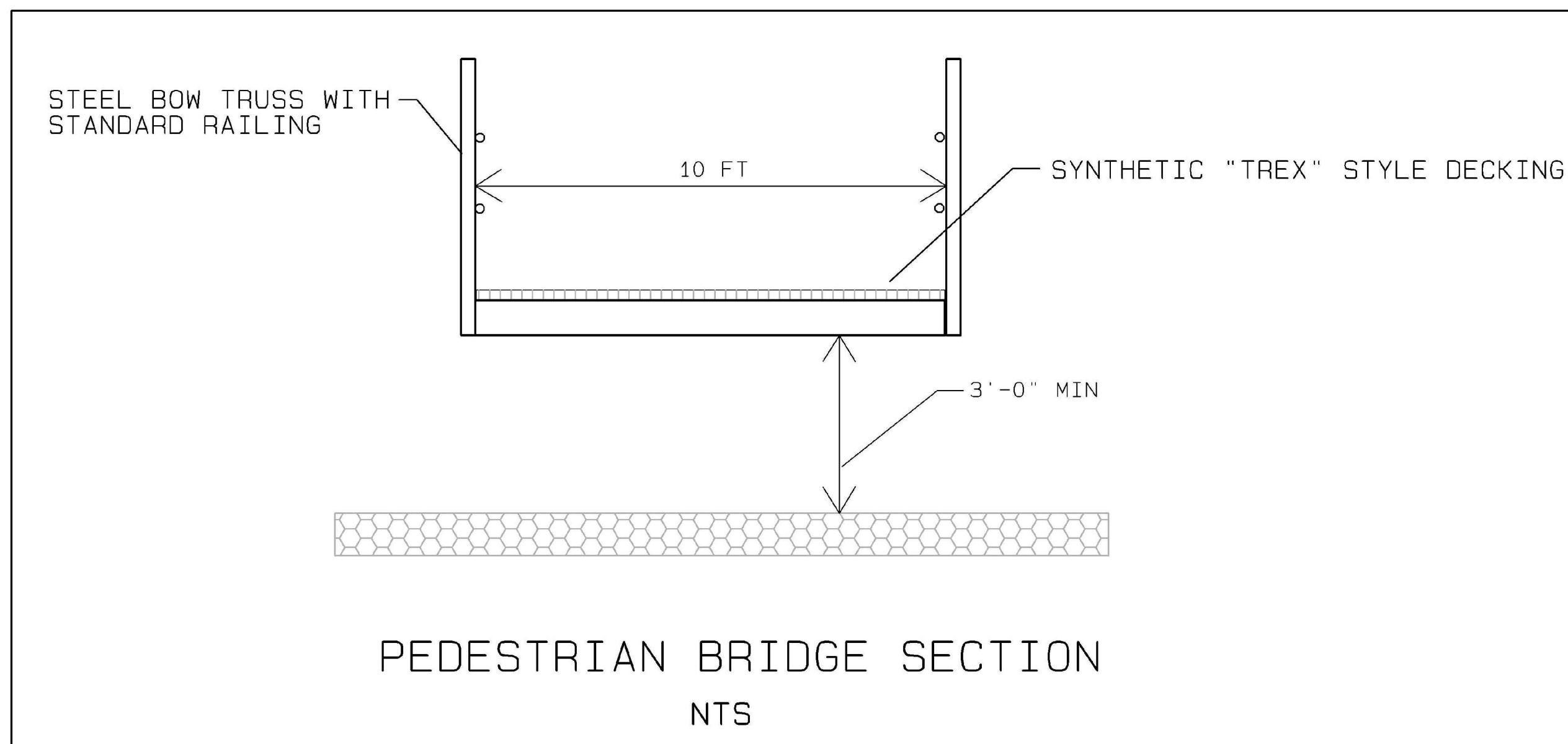
RIVERBEND ENGINEERING, LLC

ALBUQUERQUE NEW MEXICO

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PROJ. ENG.	CP	DATE	JUNE 24		
PROJ. MGR.	RE	DATE	JUNE 24		
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MADRID ARROYO
DRAINAGE DITCH RUNDOWN
PLAN, PROFILE, SECTION

DRAWN	C.PHILIPS	DATE	---	DWG. NO.	C215	REV. NO.	A
SCALE		W.O. NO.					
		15740.001.003		SHT.	63	OF	75



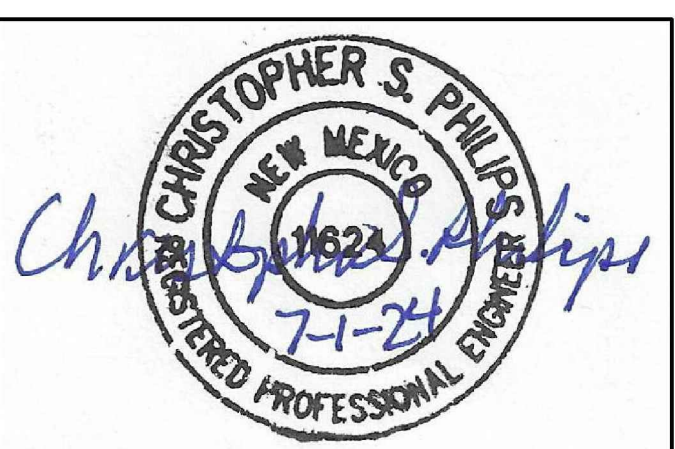
GENERAL NOTES:

1. FOR SLEEVE, USE GATES NO. 37 W. WATER HOSE, DISCHARGE HOSE OR EQUIVALENT I.D. 6.625 O.D. 7.25\"/>
- 2. WELDS ARE TO BE GROUND SMOOTH.
- 3. EXPOSED STEEL AND SLEEVE TO BE PAINTED WITH AN OIL-BASE ALKYD PRIMER AND AN OIL-BASE ALKYD ENAMEL TOP COAT. COLOR TO BE BRIGHT YELLOW.

CONSTRUCTION NOTES:

- A. 4" NOMINAL DIA. SCHEDULE 40 GALV. STEEL PIPE, 5'-2" TO BE FILLED W/CONC. PAINT PIPE BRIGHT YELLOW ABOVE FINISHED GRADE.
- B. PAVEMENT OR FINISHED GRADE.
- C. CONC. COLLAR, 3000 PSI AT 28 DAYS, W/SMOOTH OR BROOM FINISH WHERE PAVEMENT IS ADJACENT.
- D. 5" NOMINAL DIA. SCHEDULE 40 GALV. STEEL PIPE, 3'-0" TO BE FILLED W/CONC. TO LEVEL SHOWN.
- E. 6" NOMINAL DIA. SCHEDULE 40 GALV. STEEL PIPE, 2'-6" PAINT PIPE BRIGHT YELLOW (REMOVABLE).
- F. 6" NOMINAL DIA. SCHEDULE 40 GALV. STEEL PIPE, 2'-0" (REMOVABLE).
- G. SLEEVE, 2'-2" PAINT BRIGHT YELLOW, SEE NOTE NO. 1 THIS SHEET.
- H. 2" WIDE REFLECTIVE TAPE, AS APPROVED BY ENGINEER, LOCATE AROUND PIPE AS SHOWN.
- J. 1/4" THICK STEEL SAFETY GUARD BOX OPEN ON ONE SIDE & BOTTOM, WELD ALL SEAMS.
- K. 3/4" X 8" GALV. HEX. BOLT W/A 3/8" DIA. HOLE FOR PADLOCK. (PADLOCK FURNISHED BY CITY).
- L. 1/4" X 6 5/8" DIA. GALV. STEEL PLATE COVER, WELDED TO PIPE.
- M. PLACEMENT OF POSTS SHOULD BE WELL AWAY FROM TRAFFIC ON MAJOR ROADWAYS & PREFERABLY AT THE R.D.W. LINE. TRAFFIC ENGINEERING SHOULD BE CONSULTED ON LOCATION WHEN NEAR TRAFFIC.
- N. ALIGN WITH TRAFFIC FLOW IN EASEMENTS OR BIKEPATH TO AVOID TRIPPING HAZARDS WITH BOX.
- P. PIPES ARE NOT TO BE FILLED W/CONC. WHEN PIPES ARE LOCATED WITHIN 15' OF STREET FLOWLINE. USE WELDED STEEL GAP INSTEAD.
- Q. WHERE CONNECTING BOLLARDS ARE SPEC'ED, WELD 1-1/4" NOM. SCH. 40 PIPE BETWEEN BOLLARDS.

CITY OF ALBUQUERQUE
DRAINAGE STATIONARY & REMOVABLE POST DETAILS
 DWG. 2250 AUG. 1986



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VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT

MADRID NEW MEXICO

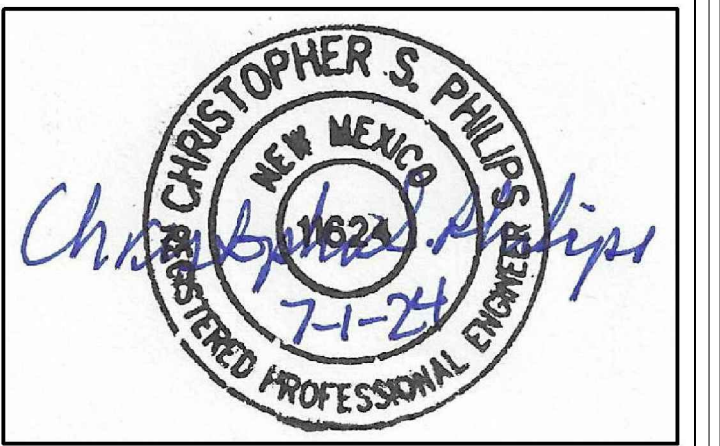
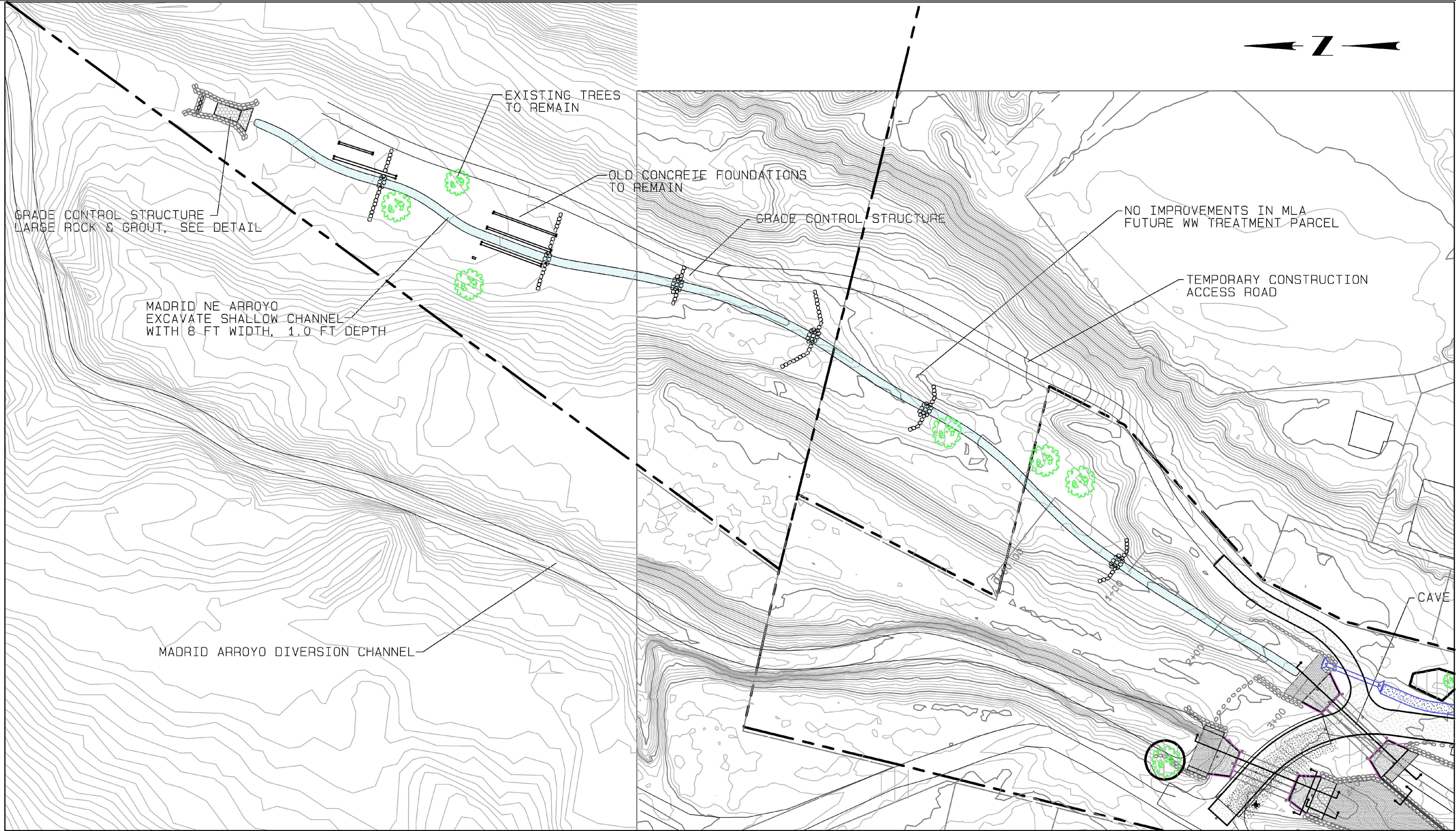
RIVERBEND ENGINEERING, LLC

ALBUQUERQUE NEW MEXICO

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MADRID ARROYO
PEDESTRIAN BRIDGE DETAILS

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VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT

MADRID NEW MEXICO

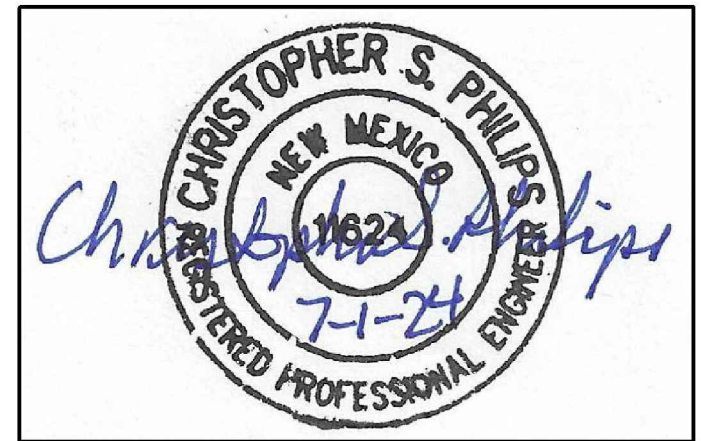
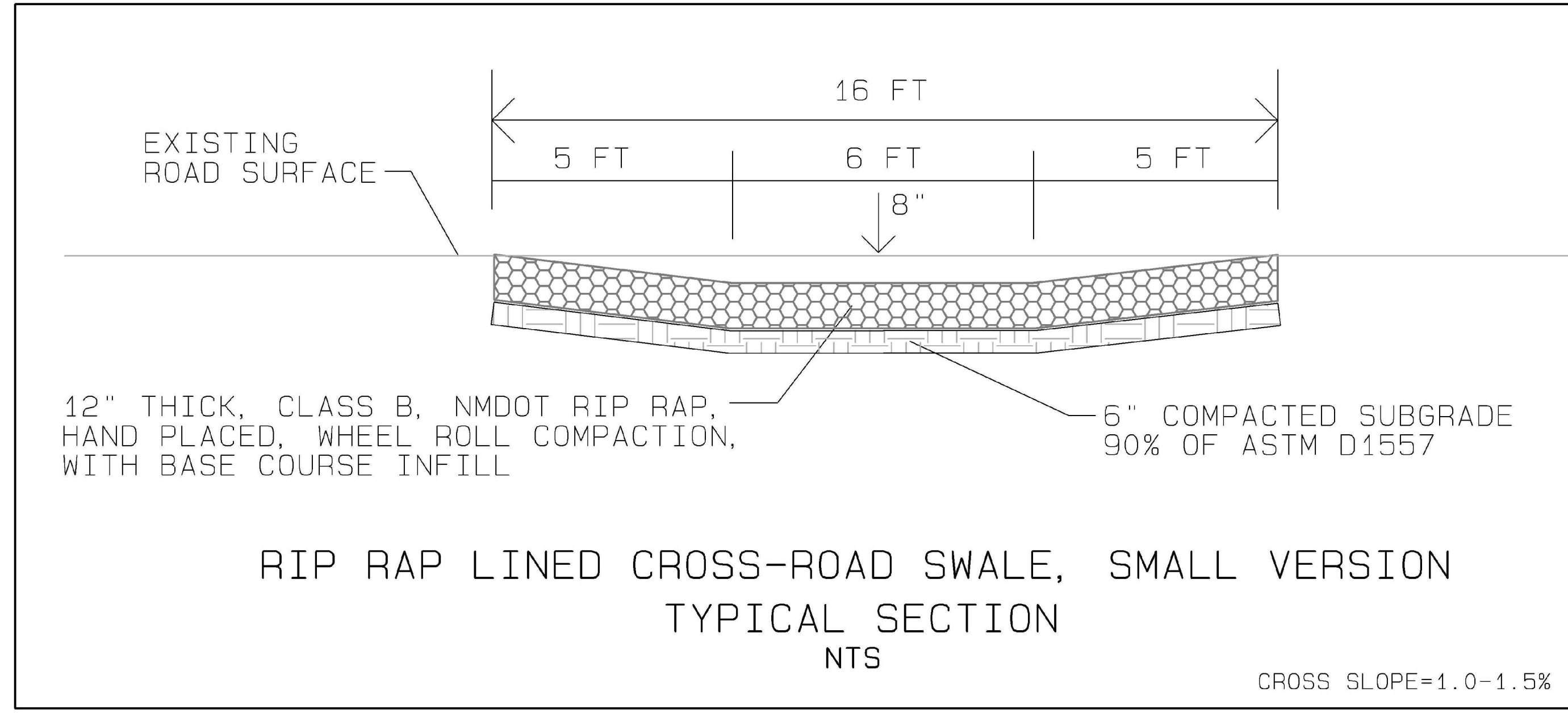
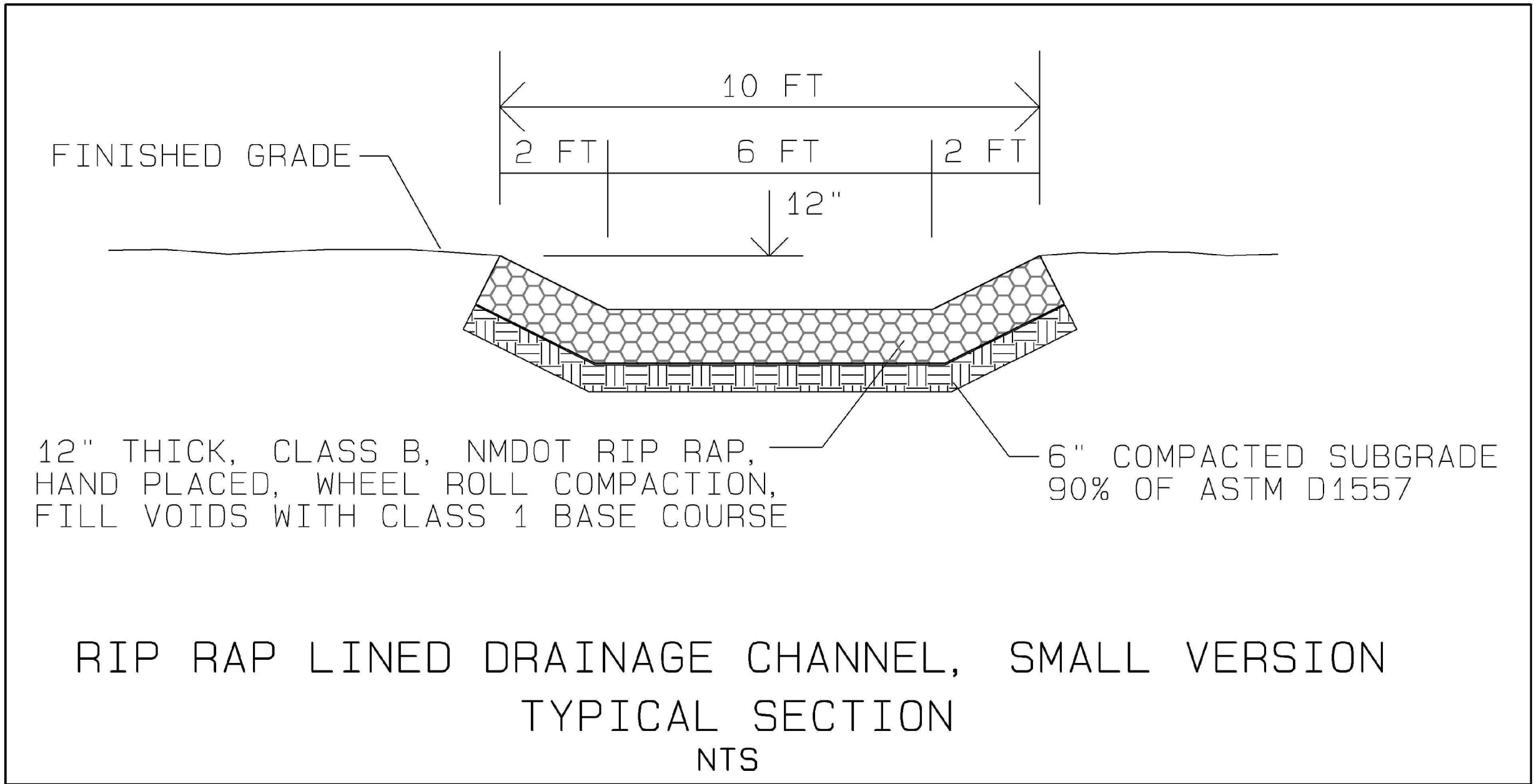
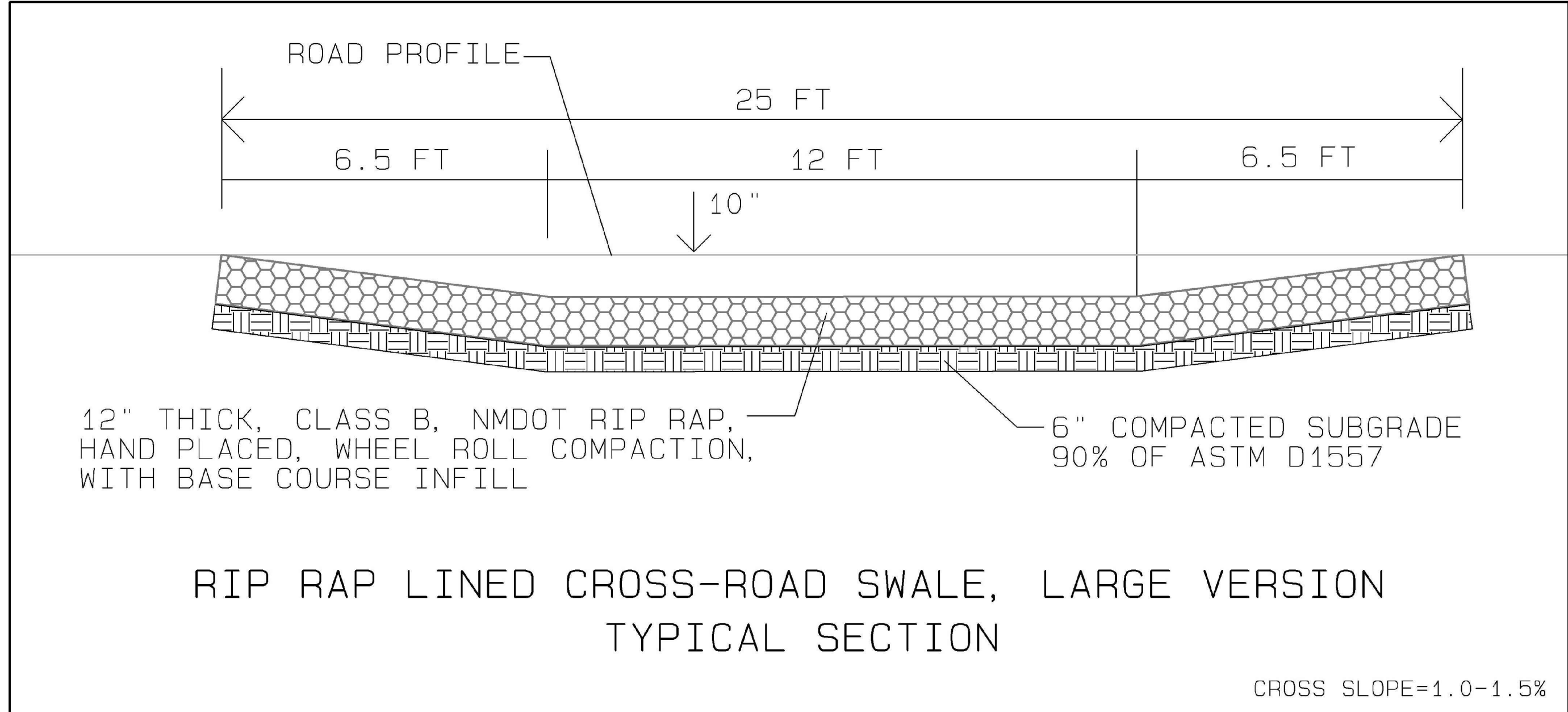
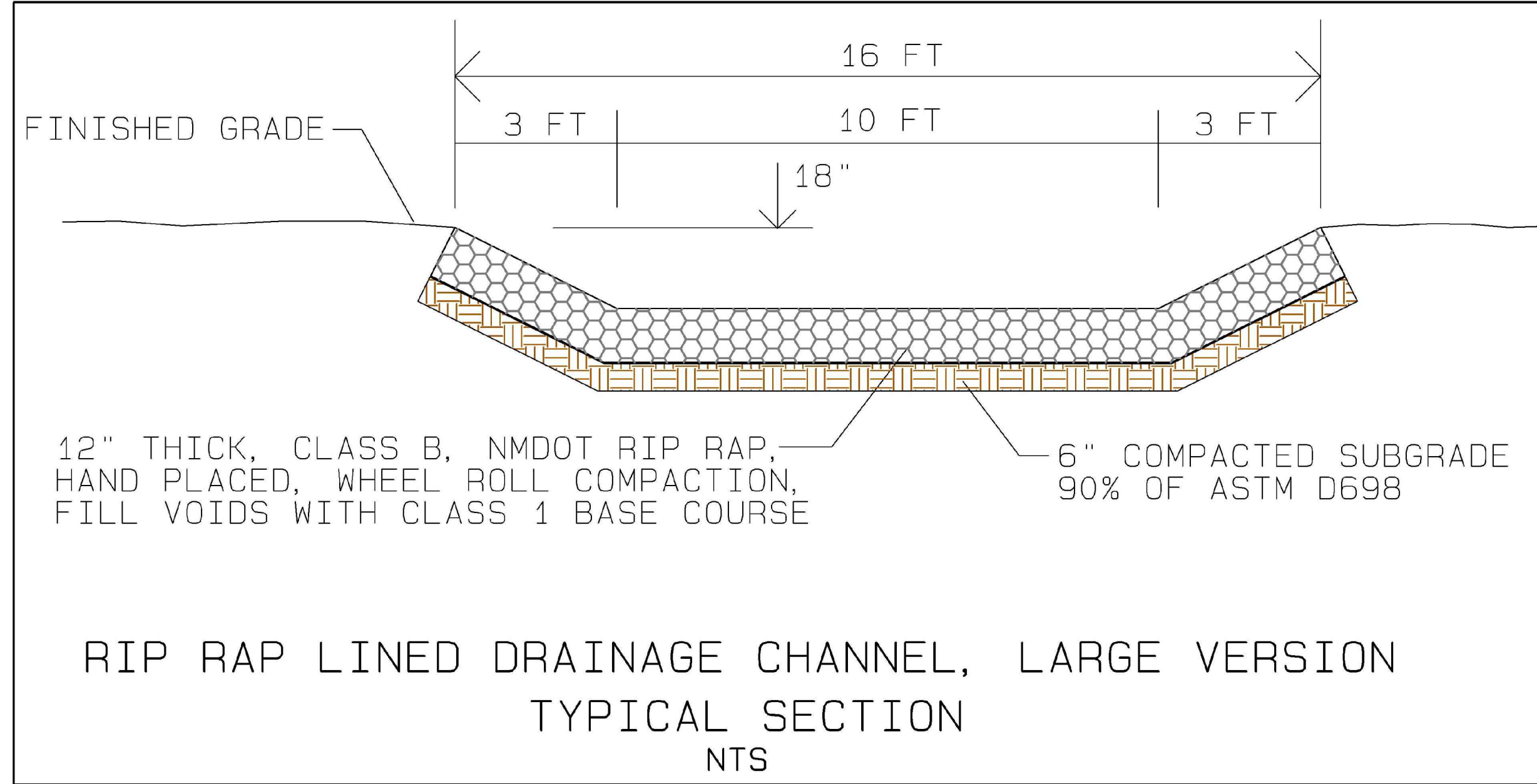
RIVERBEND ENGINEERING, LLC

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MADRID ARROYO
TYPICAL SECTIONS
ROAD, TRAIL, ARROYO

DRAWN	C. PHILIPS	DATE	---	DWG. NO.	C217	REV. NO.	A
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VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT

MADRID NEW MEXICO

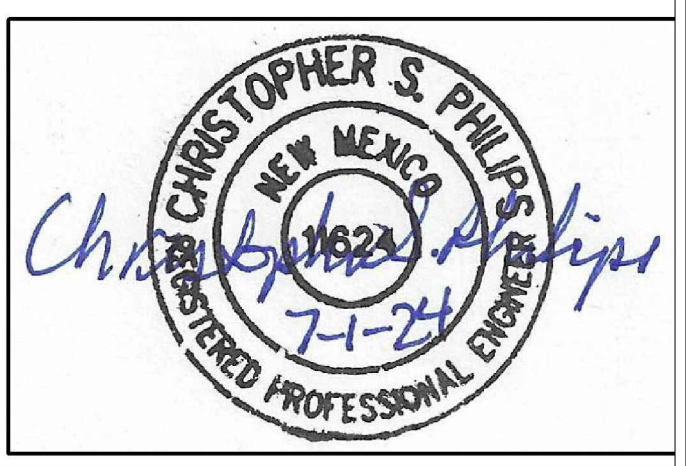
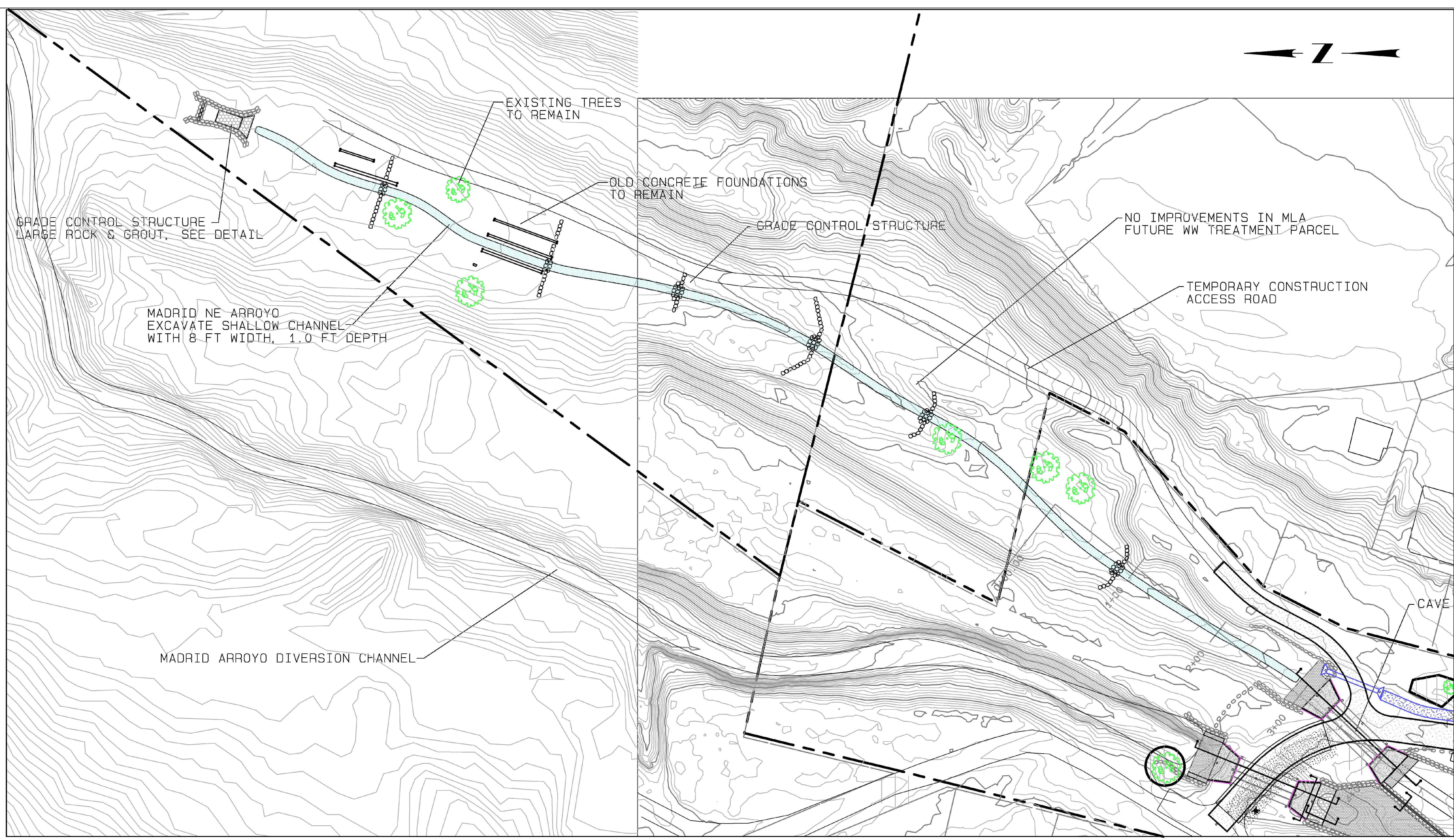
RIVERBEND ENGINEERING, LLC

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MADRID ARROYO
TYPICAL SECTIONS
DRAINAGE DITCHES AND CROSS-ROAD SWALES

DRAWN	C.PHILIPS	DATE	---	DWG. NO.	C218	REV. NO.	A
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**VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT**

MADRID NEW MEXICO

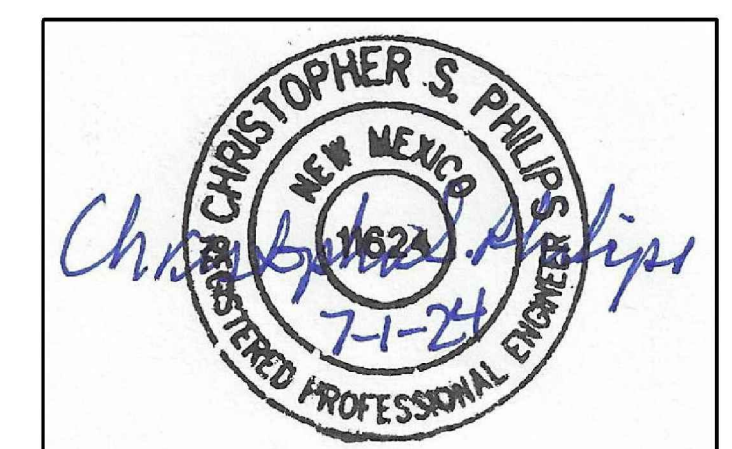
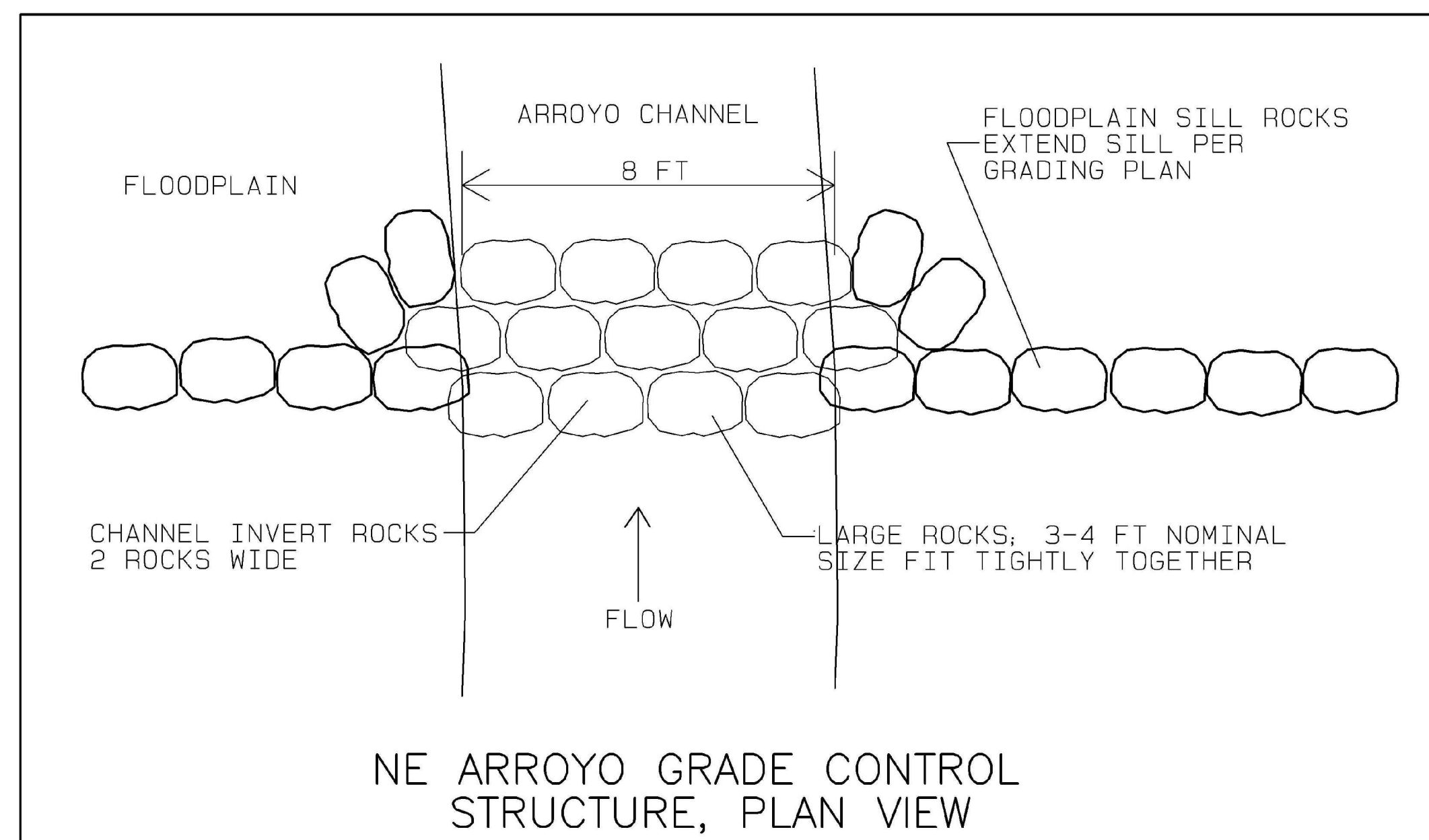
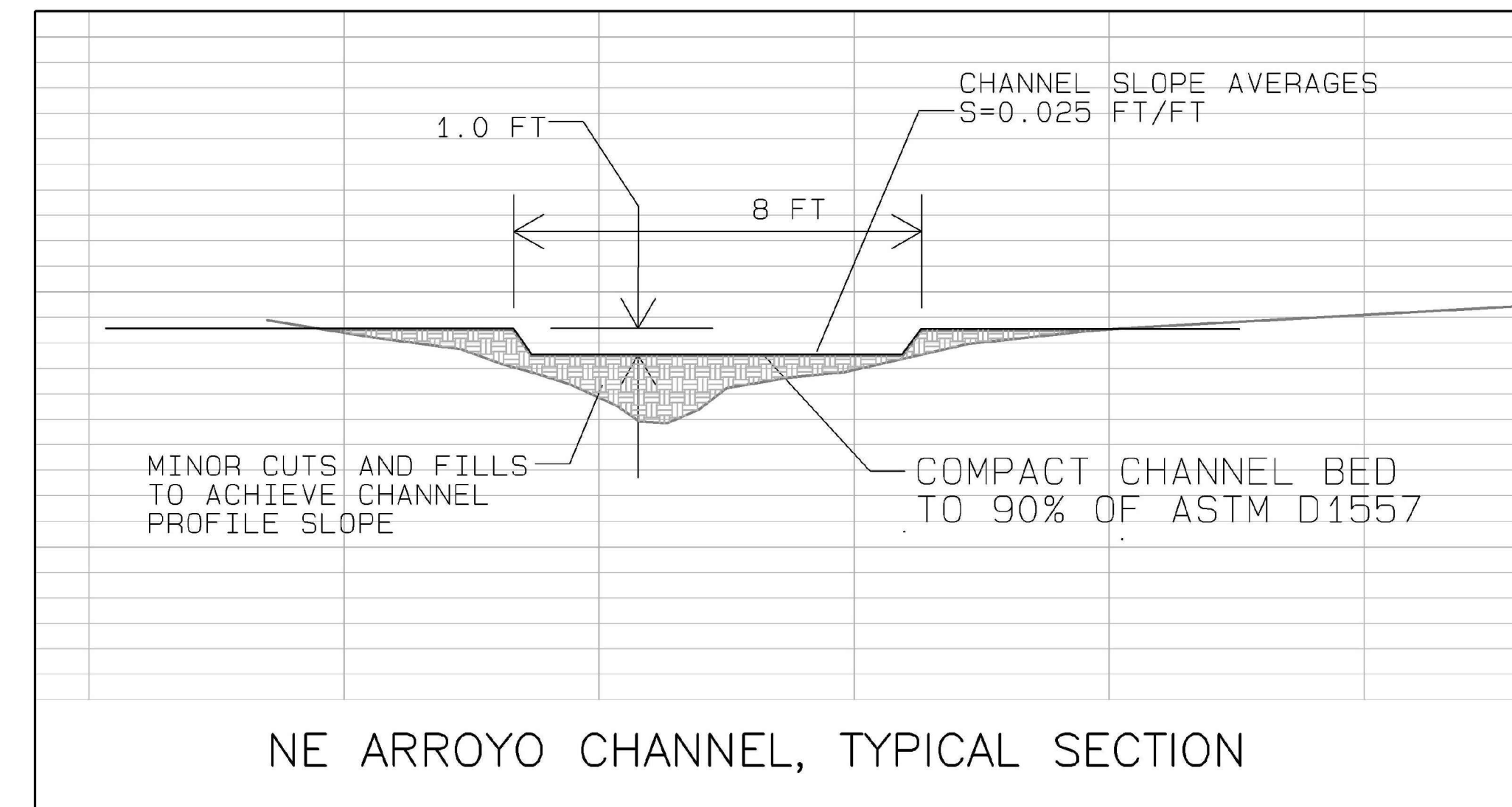
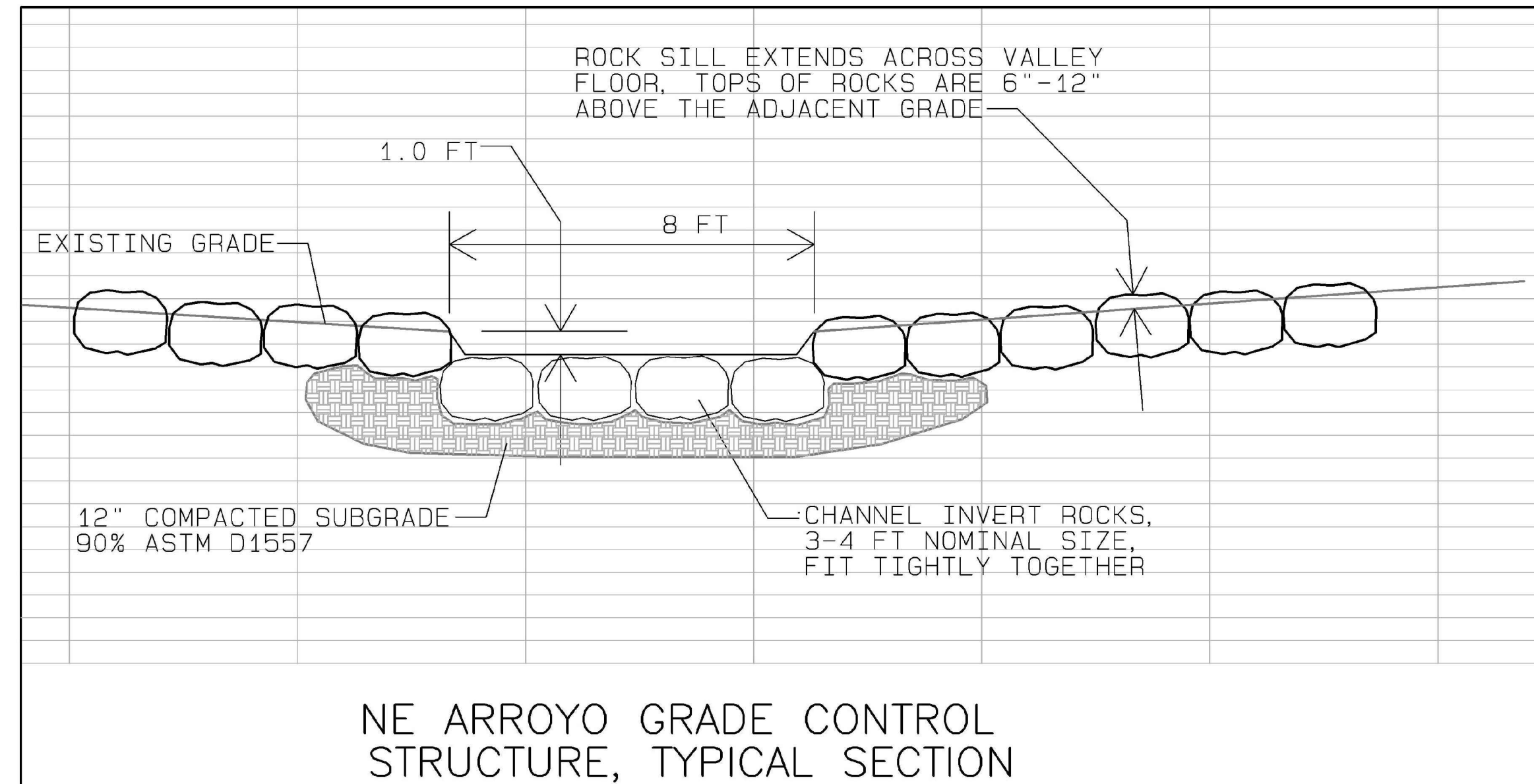
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**MADRID ARROYO
NE ARROYO IMPROVEMENTS
SITE PLAN**

DRAWN	C.PHILIPS	DATE	---	DWG. NO.	C219	REV. NO.	A
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VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT

MADRID NEW MEXICO

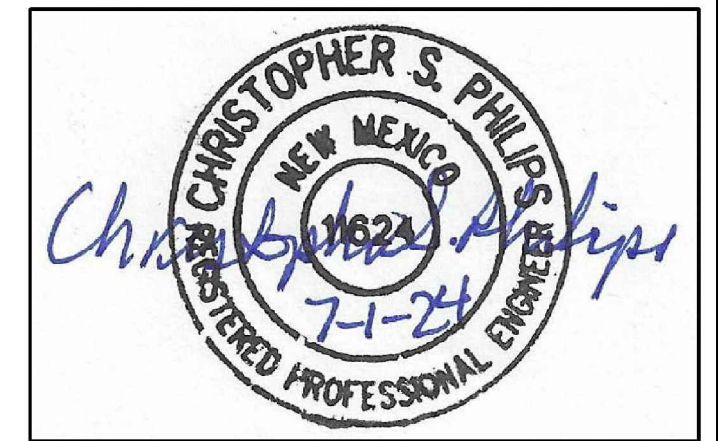
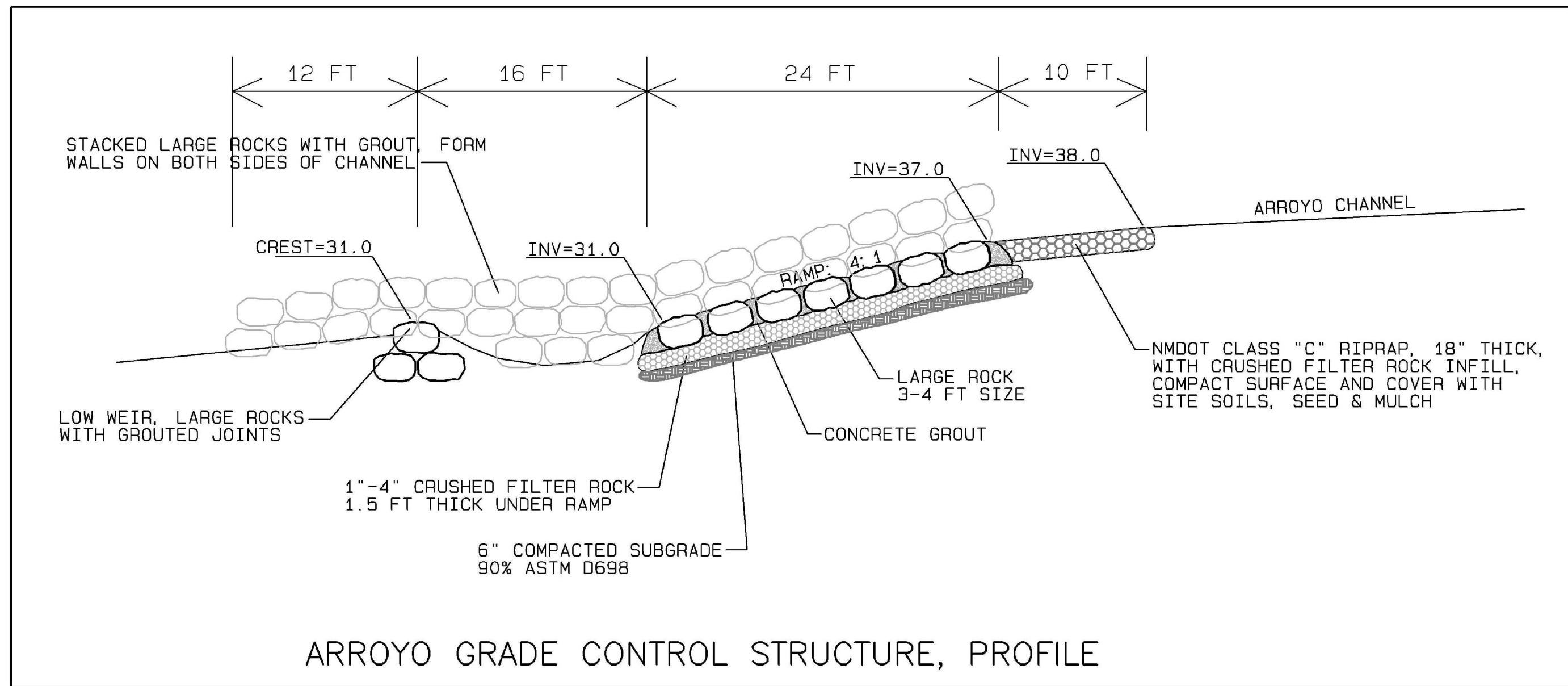
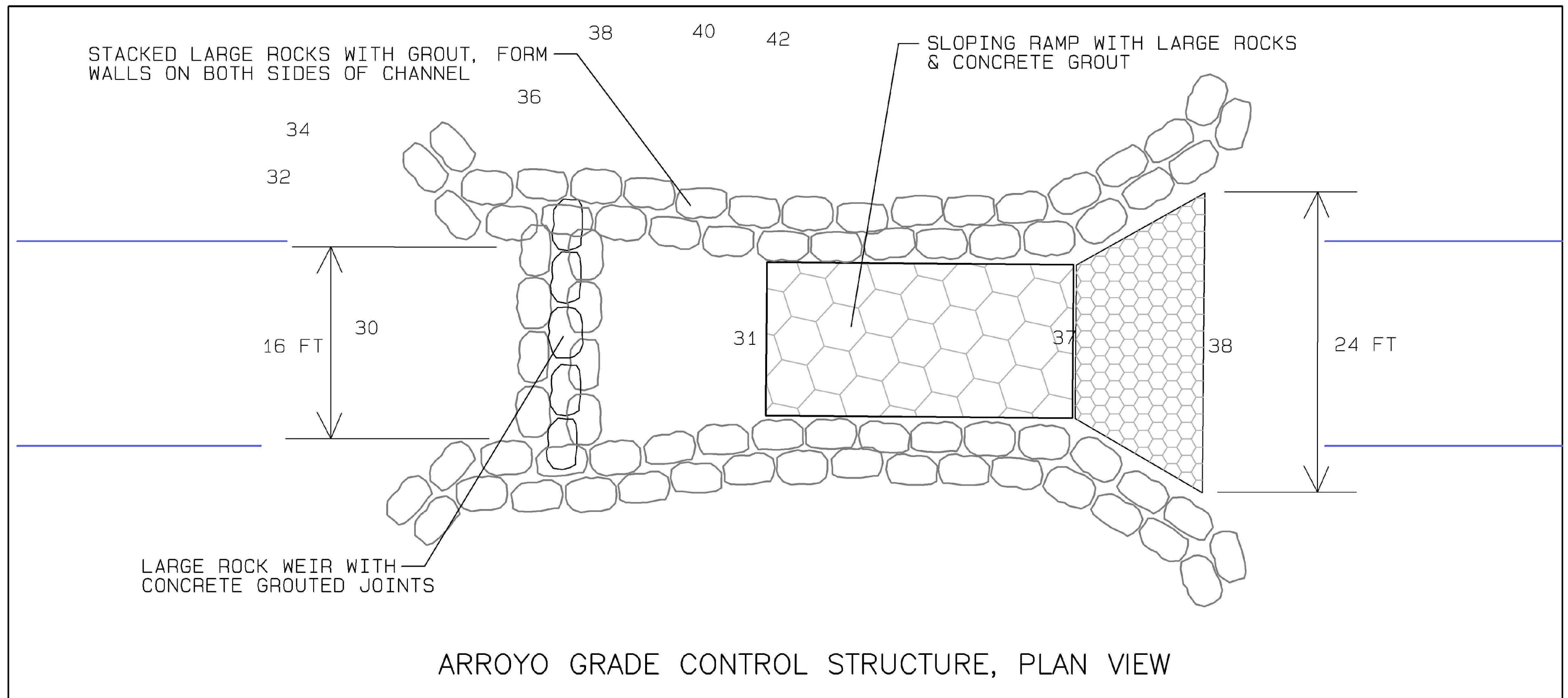
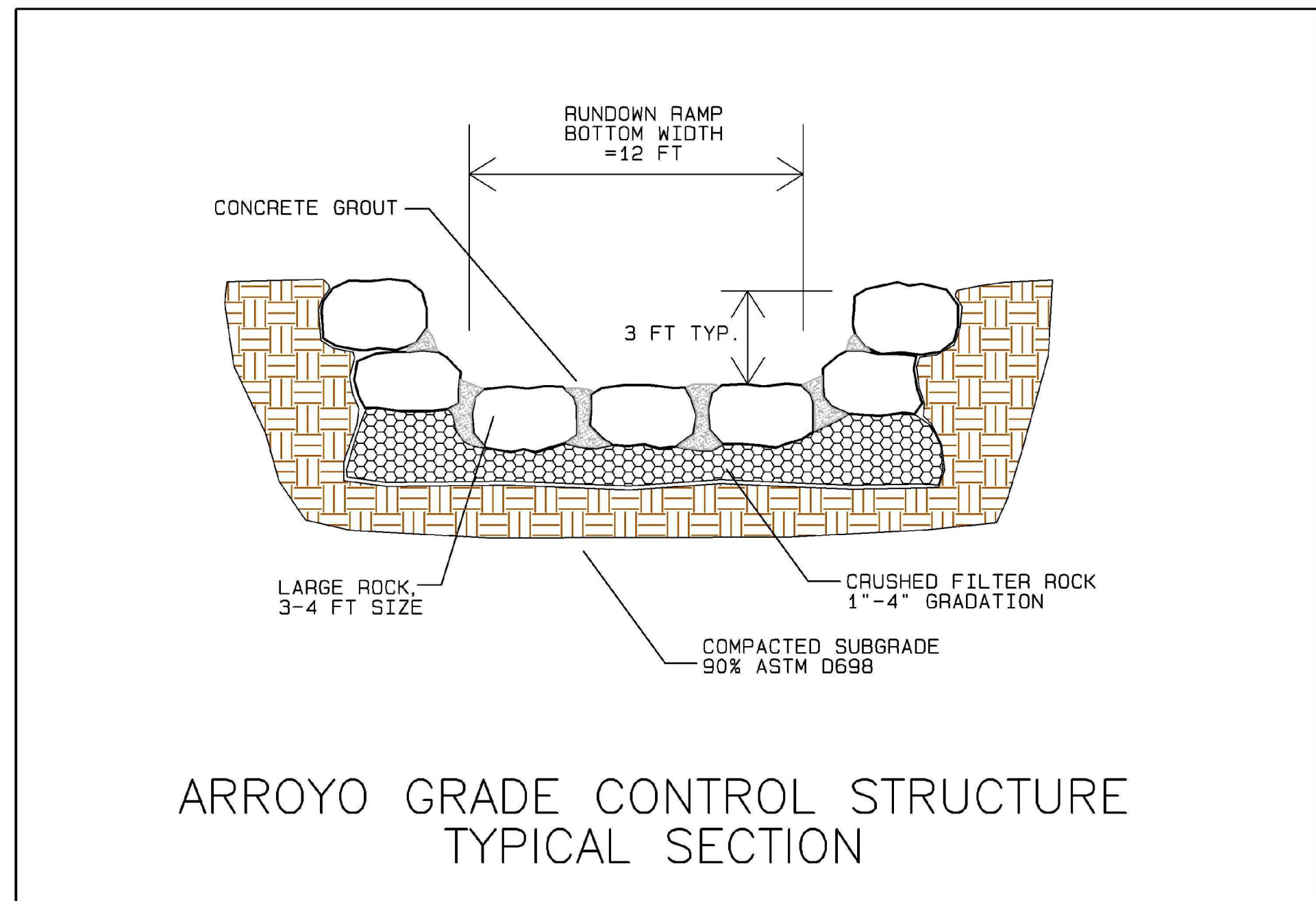
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MADRID ARROYO
NE ARROYO IMPROVEMENTS
CHANNEL DETAILS

DRAWN	C.PHILIPS	DATE	---	DWG. NO.	C220	REV. NO.	A
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VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT

MADRID NEW MEXICO

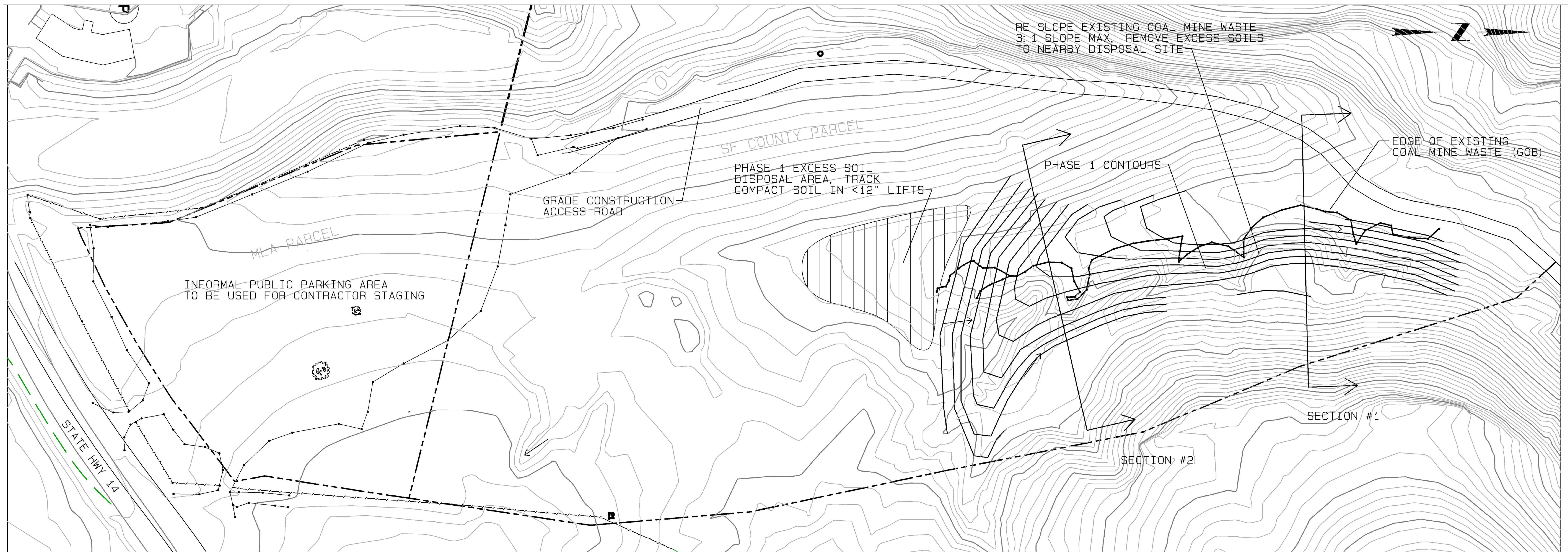
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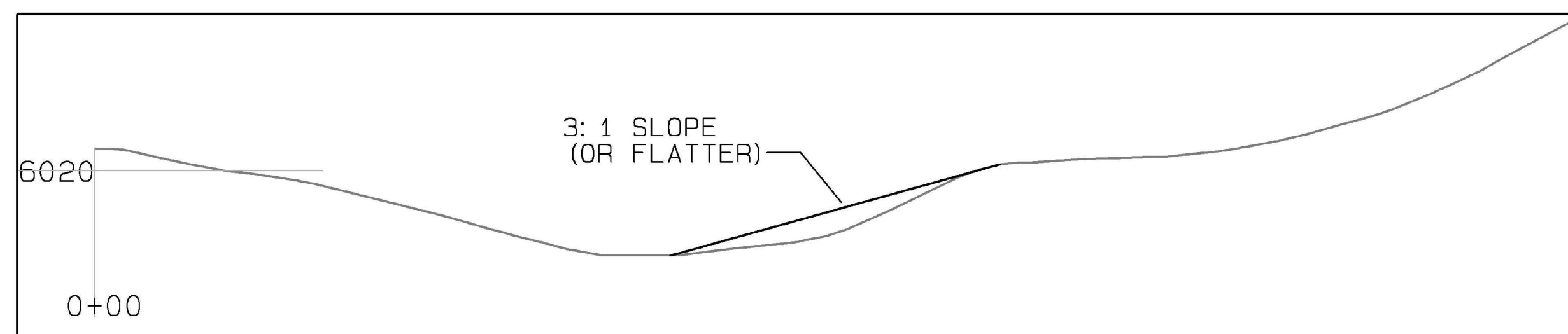
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MADRID ARROYO
NE ARROYO IMPROVEMENTS
GRADE CONTROL STRUCTURE

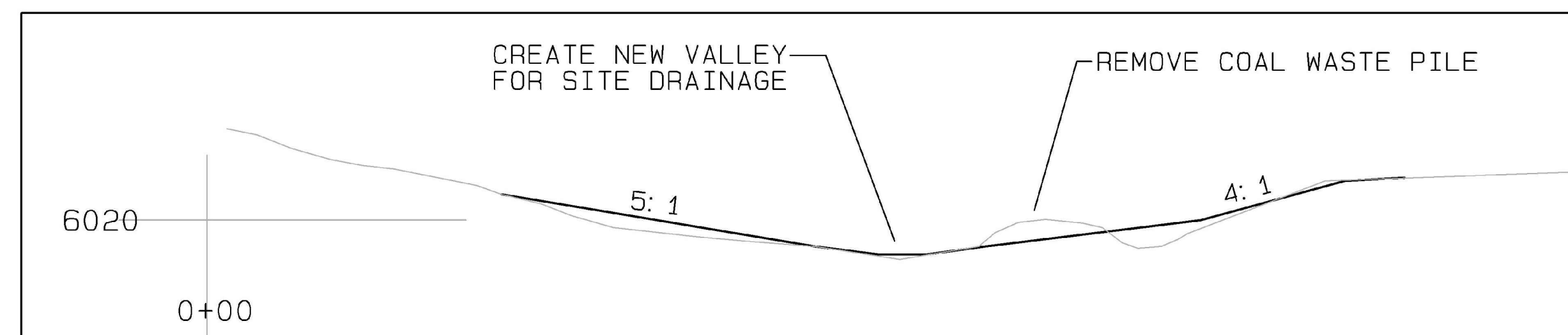
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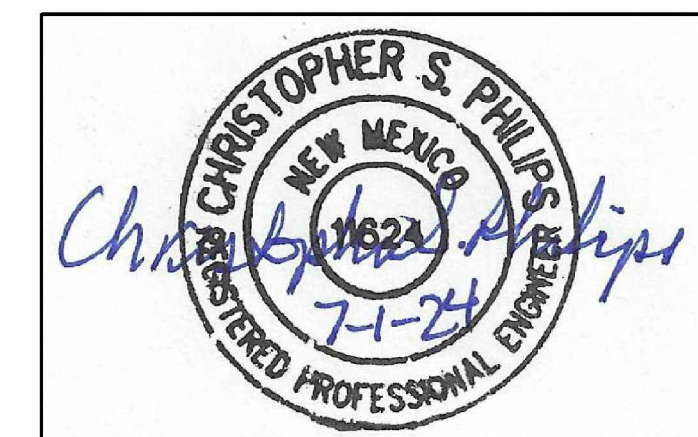
PHASE 1 SITE PLAN



SECTION 1



SECTION 2



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MADRID NEW MEXICO

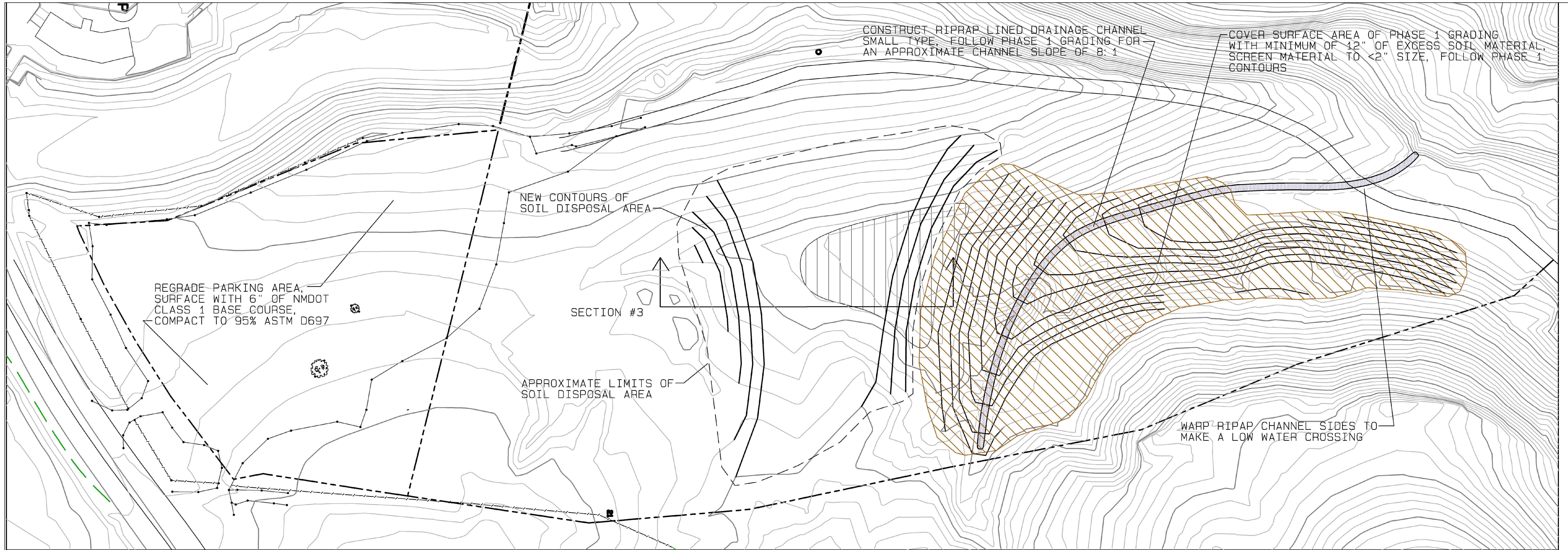
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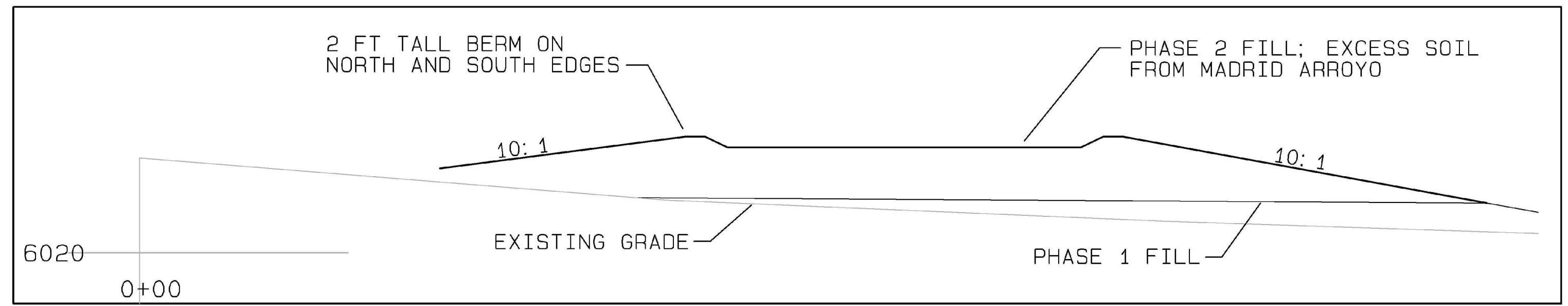
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PROJ. ENG.	CP	JUNE 24		
PROJ. MGR.	RE	JUNE 24		
APPROVED				
APPROVED				

MADRID ARROYO
PHASE 1 SITE PLAN, SOIL GRADING, AND
CONTRACTOR STAGING AREA

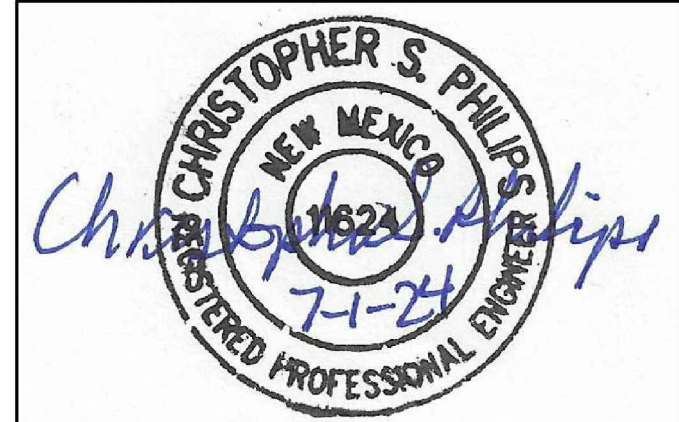
DRAWN	C.PHILIPS	DATE	---	DWG. NO.	C222	REV. NO.	A
SCALE		W.O. NO.		15740.001.003		SHT.	70 OF 75



NOTE: THE FINAL ELEVATION OF THE PHASE 2 SOIL FILL WILL HAVE TO BE ADJUSTED TO MEET FIELD CONDITIONS. THE QUANTITY OF SOIL ACTUALLY REMOVED FROM MADRID ARROYO AND OTHER PROJECT AREAS, THE QUANTITY OF FILL NEEDED TO COVER THE PHASE 1 GRADING, SOIL SHRINK, ETC. WILL AFFECT THE FINAL EXCESS SOIL GRADES, UP OR DOWN.



SECTION 3



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NO.	DATE	APPR.	REVISION	NO.	DATE	APPR.	REVISION

VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT

MADRID NEW MEXICO

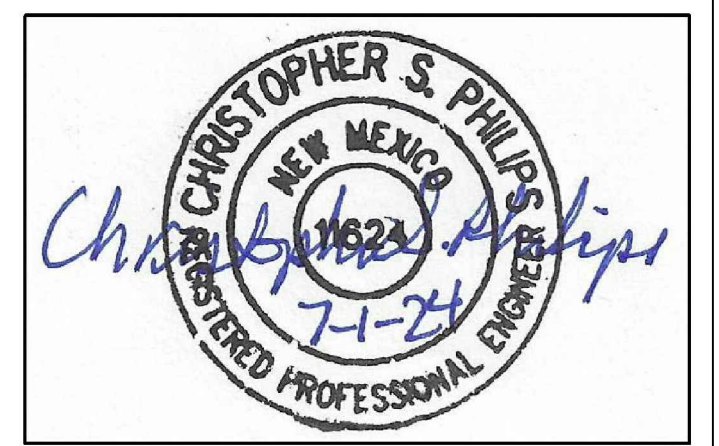
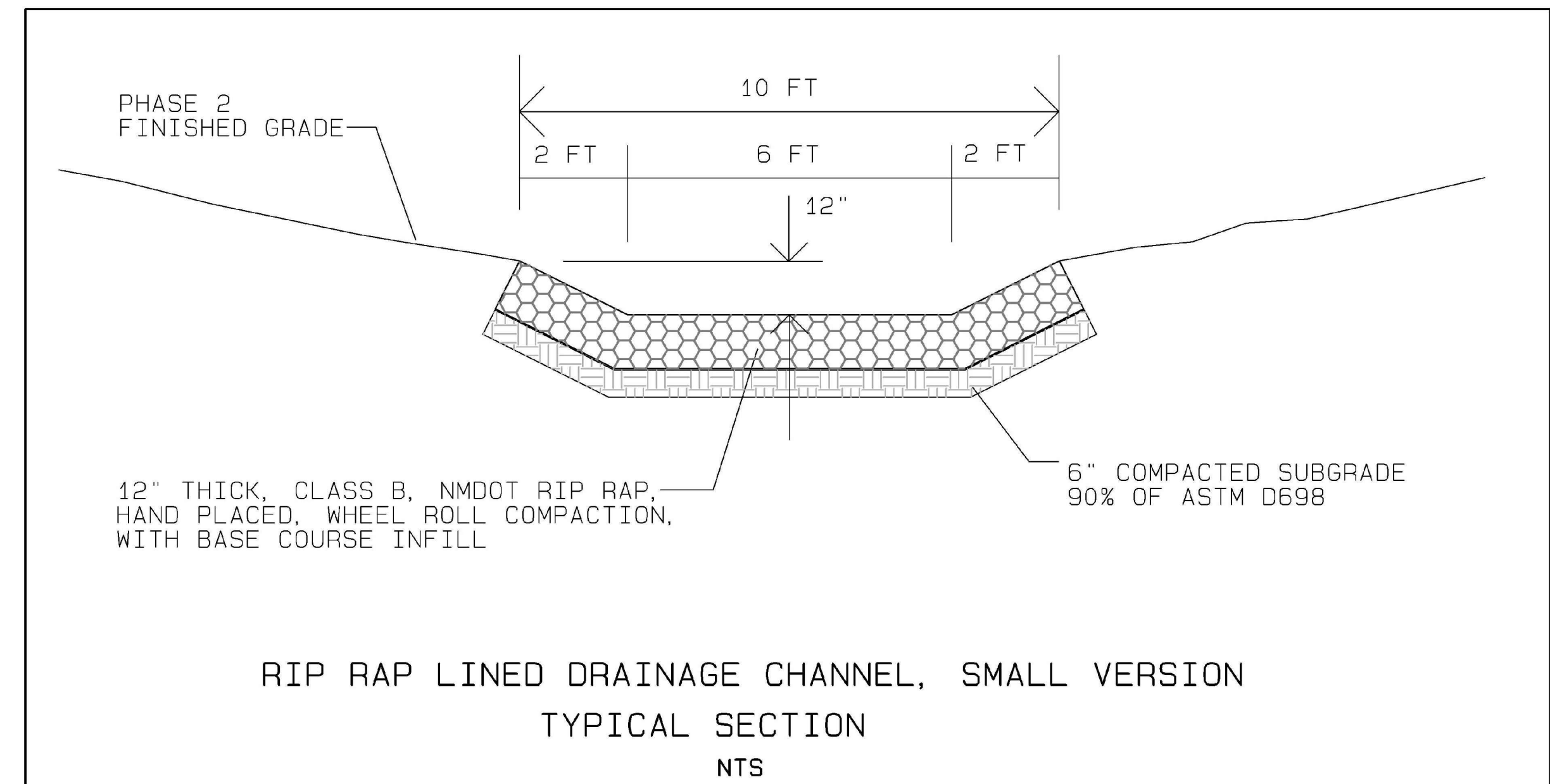
RIVERBEND ENGINEERING, LLC

ALBUQUERQUE NEW MEXICO

CHECKED	DATE	CLIENT APPROVALS	DATE
CP	JUNE 24		
DES. ENG.	CP	JUNE 24	
PROJ. ENG.	CP	JUNE 24	
PROJ. MGR.	RE	JUNE 24	
APPROVED			
APPROVED			

MADRID ARROYO
PHASE 2 SITE PLAN, SOIL GRADING, AND
CONTRACTOR STAGING AREA

DRAWN	C.PHILIPS	DATE	---	DWG. NO.	C223	REV. NO.	A
SCALE		W.O. NO.		SHT.	15740.001.003	71	OF 75



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NO.	DATE	APPR	REVISION	NO.	DATE	APPR	REVISION

VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT

MADRID NEW MEXICO

RIVERBEND ENGINEERING, LLC

ALBUQUERQUE NEW MEXICO

CHECKED	DATE	CLIENT APPROVALS	DATE
CP	JUNE 24		
DES. ENG.	CP		JUNE 24
PROJ. ENG.	CP		JUNE 24
PROJ. MGR.	RE		JUNE 24
APPROVED			
APPROVED			

MADRID ARROYO
SOIL DISPOSAL AREA
CONSTRUCTION DETAILS

DRAWN	C.PHILIPS	DATE	---	DWG. NO.	C224	REV. NO.	A
SCALE		W.O. NO.	15740.001.003	SHT.	72	OF	75