

I-40/EMBUDO CHANNEL TRAIL

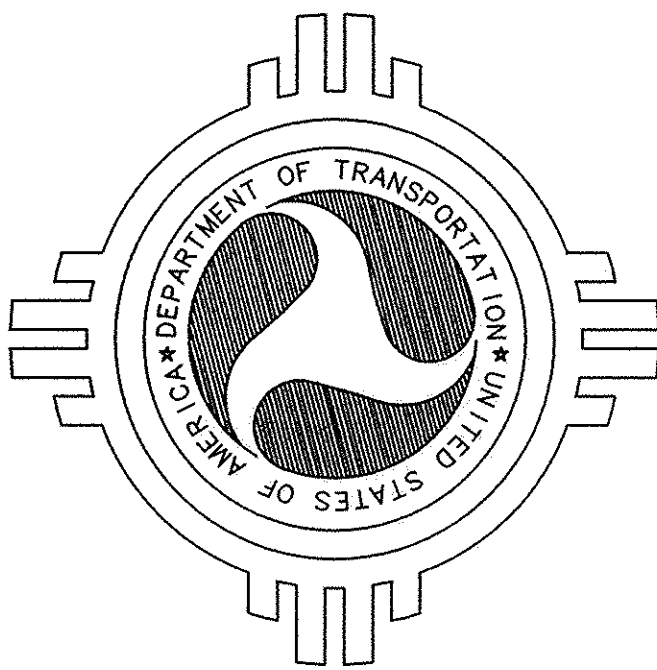
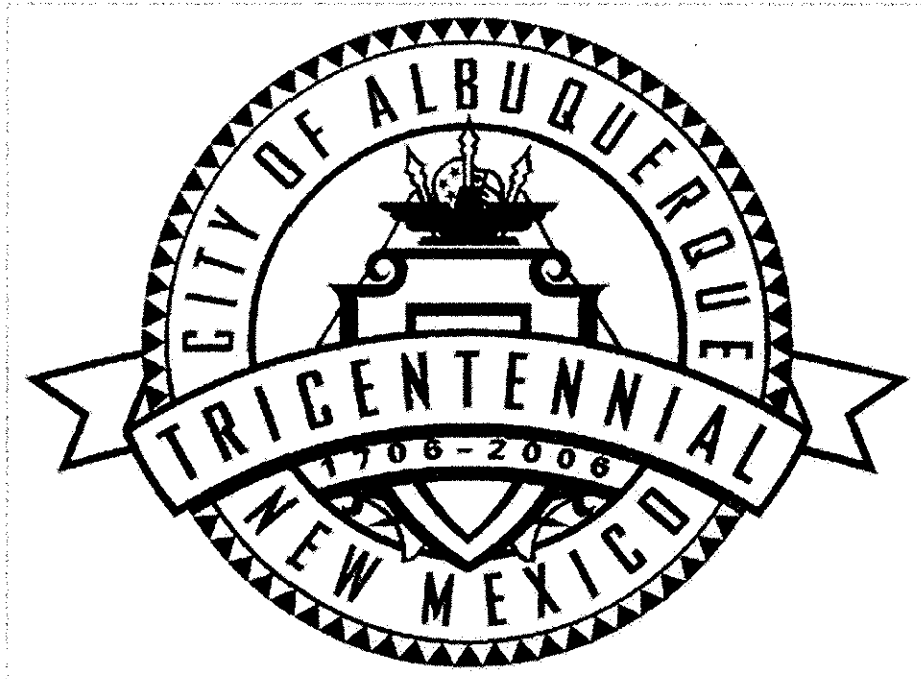
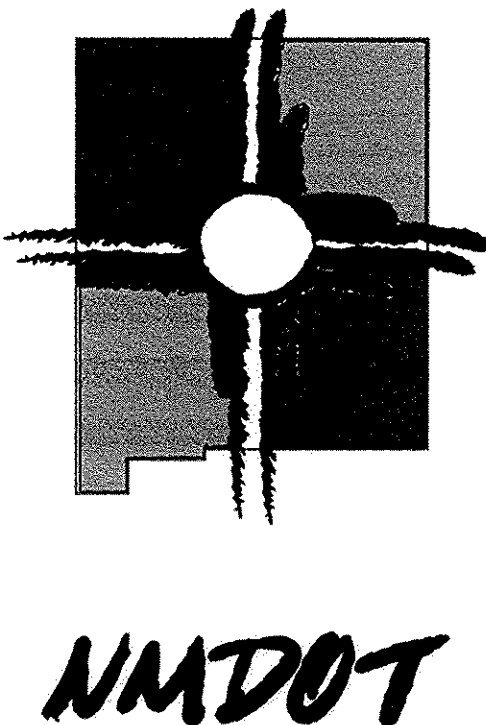
NORTH DIVERSION CHANNEL TO WASHINGTON STREET

NM PROJECT NO. TPE-7501(6)
CN 3026

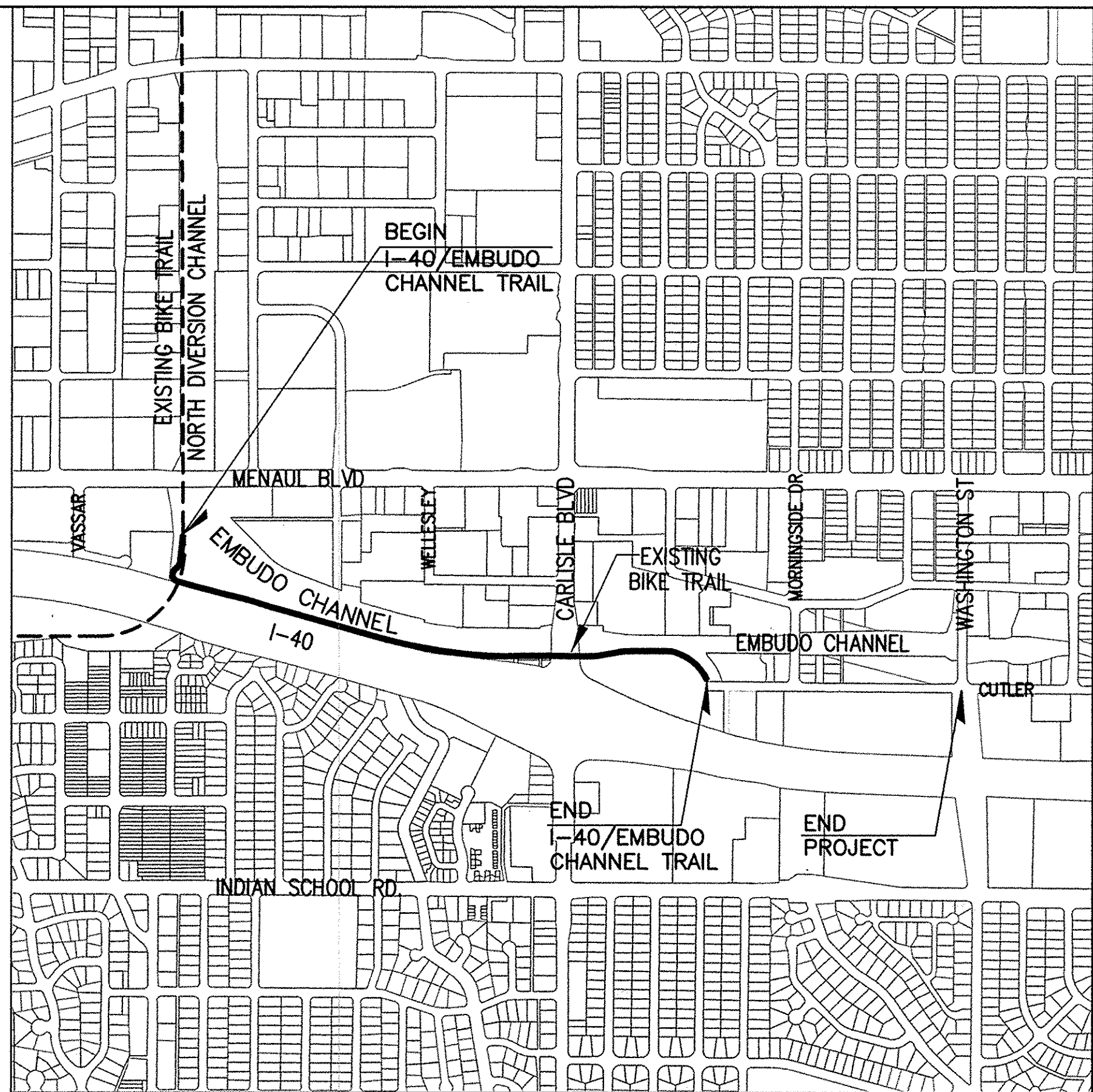
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CITY OF ALBUQUERQUE
NEW MEXICO



SET NUMBER



VICINITY MAP
ZONE ATLAS H-16 & H-17
SCALE: 1"=1000'±

APPROVED FOR CONSTRUCTION WITHIN AMAFCA RIGHT-OF-WAY

John P. Kelly
JOHN P. KELLY, P.E., EXECUTIVE ENGINEER
ALBUQUERQUE METROPOLITAN ARROYO FLOOD CONTROL AUTHORITY
DATE
May 14, 2007

RECORD DRAWING
DECEMBER 2008

"Notice of Extended Payment Provision.
This contract requires the Owner to
make payment within 45 days after
submission of an undisputed request for
payment."

LARKIN GROUP INC.
CONSULTING ENGINEERS AND SURVEYORS
8500 MENAUL BLVD. NE A-440
ALBUQUERQUE, NEW MEXICO 87112
(505) 275-7500 FAX (505) 275-0748
ENGINEER'S FILE #2002-0016-04

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEER'S STAMP & SIGNATURE		APPROVALS		ENGINEER		DATE	
		DRC Chairman		<i>Stephen Woodall</i>		6-8-07	
		Transportation		<i>nm</i>		3/20/07	
		Water/Wastewater		<i>William D. Balogh</i>		3/20/07	
		Hydrology		<i>Bradley S. Bynum</i>		3/20/07	
		Parks					
		Constr. Mngmt.					
City Project No.		678303		Sheet		Of	
5-15-07				1		16	

GENERAL NOTES:

- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER THIS CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREIN, BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION, AS AMENDED THROUGH UPDATE NO. 7.
- REFERENCES MADE TO STANDARD DRAWINGS REFER TO CITY OF ALBUQUERQUE STANDARD DRAWINGS.
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990), FOR LOCATION OF EXISTING UTILITIES.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR WILL NOTIFY THE ENGINEER OR SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- CONTRACTOR IS RESPONSIBLE TO PROVIDE CONSTRUCTION COORDINATION.
- THE CONTRACTOR SHALL COORDINATE ALL LANDSCAPING AND IRRIGATION RE-LOCATIONS AND CONFLICTS WITH CITY OF ALBUQUERQUE PARKS AND RECREATION SUPERVISOR, MR. STEVE SIERRA, AT 857-8650.
- ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- TACK COAT REQUIREMENTS SHALL BE DETERMINED BY ENGINEER.
- WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED AS SHOWN PER CITY STANDARD DRAWINGS.
- WHERE REMOVAL OF EXISTING CURB & GUTTER IS REQUIRED, SUCH REMOVAL SHALL BE MADE BACK TO THE NEAREST JOINT BEYOND THE REMOVAL REQUIRED.
- THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING PAVEMENTS, PAVEMENT MARKINGS, CURB & GUTTER, DRIVE PADS, WHEEL CHAIR RAMPS, AND SIDEWALKS DURING CONSTRUCTION, EXCEPT FOR THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS AND SHALL REPAIR OR REPLACE PER CITY OF ALBUQUERQUE STANDARDS AT HIS/HER OWN EXPENSE.
- MATCH FLOW -LINES OF GUTTER WHEN CONNECTING NEW CURB & GUTTER TO EXISTING.
- BACK-FILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- MEASUREMENT AND PAYMENT FOR CLEARING AND GRUBBING WILL BE MADE PER ACRE. MEASUREMENT FOR PAYMENT WILL BE MADE FROM EDGE OF PAVEMENT OR EDGE OF CONCRETE CHANNEL AND LIMITED TO THE TOP OF CUT OR TOE OF SLOPE OF THE AREA GRADED TO CONSTRUCT THE TRAIL. ALL DISTURBED GROUND AREAS SHALL BE REVEGETATED IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD SPECIFICATION FOR PUBLIC WORKS CONSTRUCTION, SECTION 1012 NATIVE GRASS SEEDING, UPDATE NO. 7. MEASUREMENT FOR PAYMENT WILL BE MADE PER ACRE FOR THE SEEDING PERFORMED AND ACCEPTED.
- CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL OBJECTIONABLE MATERIALS FROM THE CONSTRUCTION SITE. A DISPOSAL SITE FOR ALL REMOVAL ITEMS SHALL BE OBTAINED BY THE CONTRACTOR. THE SITE SHALL BE IN COMPLIANCE WITH ALL APPLICABLE ENVIRONMENTAL REGULATIONS AND APPROVED BY THE CITY ENGINEERING DEPARTMENT. ALL COSTS INCURRED IN OBTAINING AN ACCEPTABLE SITE AND HAUL THERETO SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION OF THE PROJECT.
- WHEN ABUTTING NEW PAVEMENT TO EXISTING, CUT BACK EXISTING PAVEMENT TO A NEAT STRAIGHT LINE AS REQUIRED TO REMOVE ANY BROKEN OR CRACKED PAVEMENT, AND MATCH NEW TO EXISTING. NO SEPARATE PAYMENT SHALL BE MADE FOR SUCH CUTTING OF EXISTING PAVEMENT BUT SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT. CUTTING OF PAVEMENT SHALL BE IN CONFORMANCE WITH THE SPECIFICATIONS.
- WHEN CONSTRUCTION UNDER THIS PROJECT CONNECTS TO EXISTING PAVEMENT, THE CONTRACTOR SHALL PROVIDE AN EASY RIDING CONNECTION.
- ALL WATER VALVE BOXES AND SEWER MANHOLES IN THE CONSTRUCTION AREA ARE TO BE ADJUSTED TO FINISH GRADE UNDER THE CONTRACT.
- RELOCATION OF SIGNS AND DELINEATOR POSTS SHALL INCLUDE REMOVAL OF EXISTING BASE POSTS.
- ALL TRAFFIC CONTROL DEVICES SHALL COMPLY TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), 2003 EDITION.
- CONSTRUCTION FOR TRAFFIC ITEMS INCLUDING SIGNS, SIGNPOSTS, MAST ARMS AND FOUNDATIONS SHALL CONFORM TO CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS AND PLANS FOR TRAFFIC ENGINEERING OPERATIONS. PAYMENT FOR TRAFFIC ITEMS WILL BE MADE UNDER THE APPLICABLE ITEMS IN THE BID PROPOSAL.
- FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BOB STRONG (924-3400) PRIOR TO WORK IN THE RIGHT-OF-WAY. SEE SECTION 19 OF THE SPECIFICATIONS.
- ALL EXCAVATION SHALL BE GOVERNED BY FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH, OSHA 29 CFR 1926.650. ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.
- EQUIPMENT OR MATERIALS SHALL NOT BE STORED WITHIN 15 FEET OF A TRAVELED TRAFFIC LANE DURING NON-WORKING HOURS WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION.
- CONTRACTOR SHALL PROVIDE AND MAINTAIN A SAFE AND ADEQUATE MEANS OF CHANNELIZING PEDESTRIAN TRAFFIC AROUND AND THROUGH THE CONSTRUCTION AREA.
- REINFORCED CONCRETE STRUCTURES SHALL HAVE REINFORCING STEEL CONTINUOUS AT ALL CORNERS.
- DOWELS SHALL BE PROVIDED AT ALL CONNECTIONS OF REINFORCED CONCRETE CONSTRUCTION.
- CONTRACTOR SHALL PROVIDE REASONABLE ACCESS TO PROPERTIES WITHIN THE PROJECT AREA DURING CONSTRUCTION.
- NO EXTRA PAYMENT WILL BE MADE FOR ANY HAULING AND DISPOSAL OF MATERIALS. THE TRANSPORTATION AND/OR DISPOSAL OF MATERIAL SHALL BE CONSIDERED INCIDENTAL TO THE BID ITEM TO WHICH THE WORK PERTAINS.
- NO SEPARATE PAYMENT WILL BE MADE FOR MISCELLANEOUS SITE PREPARATION, GRADING AND CLEANUP WORK REQUIRED TO COMPLETE THE PROJECT. ALL SUCH WORK SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION OF THE PROJECT.
- THE CONTRACTOR WILL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK, IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. THE CONTRACTOR WILL NOTIFY AN ENGINEER IF A MONUMENT IS DISTURBED. REPLACEMENT WILL BE DONE ONLY BY THE CITY OF ALBUQUERQUE SURVEY SECTION WHEN A CHANGE IS MADE IN THE FINISHED ELEVATION OF THE PAVEMENT.
- EXISTING TELEPHONE MANHOLES AND GAS VALVES WITHIN THE CONSTRUCTION AREA SHALL BE ADJUSTED TO GRADE BY OTHERS. REMOVAL AND/OR RELOCATION OF EXISTING ELECTRIC POWER LINES, GAS LINES, TELEPHONE LINES, CABLE TV LINES, AND RELATED POLES, BOXES, METERS, VALVES AND SIMILAR EQUIPMENT SHALL BE PERFORMED BY OTHERS. A LIST OF CONTACTS FOR THOSE RESPONSIBLE FOR ABOVE GRADE ADJUSTMENTS, REMOVAL AND/OR RE-LOCATIONS PRIOR TO THE START OF CONSTRUCTION IS LISTED AT RIGHT.
- ALL EXPOSED CONCRETE SURFACES, TO A MINIMUM OF 6" BELOW FINISH GRADE, SHALL BE FINISHED WITH "THOROCOAT" OR EQUAL, AS PER NMDOT SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2000 EDITION, SECTION 511.385.
- CONTRACTOR SHALL CONTACT CITY PARKS AND RECREATION, ROBERT RAMERIZ AT 452-7403 PRIOR TO SIGNAGE INSTALLATION.

LIST OF ABBREVIATIONS

AC	ASBESTOS CEMENT
ADJ	ADJUST
ASPH	ASPHALT
BC	BACK OF CURB
BLDG	BUILDING
BM	BENCH MARK
BOP	BEGINNING OF PROJECT
CATV	CABLE TELEVISION
CF	CUBIC FEET
C & G	CURB AND GUTTER
CHD	CHORD
CI	CAST IRON
CIP	CAST IRON PIPE
CL	CENTERLINE
COA	CITY OF ALBUQUERQUE
CONC	CONCRETE
CY	CUBIC YARD
DIA	DIAMETER
DIP	DUCTILE IRON PIPE
DWG	DRAWING
E	EAST
EA	EACH
EL or ELEV	ELEVATION
ELEC	ELECTRIC
EP	EDGE OF PAVEMENT
EOP	END OF PROJECT
EX or EXIST	EXISTING
FC	FACE OF CURB
F/F	FACE TO FACE
FG	FINISHED GRADE
FF	FINISHED FLOOR
FH	FIRE HYDRANT
FL	FLOW LINE
G	GAS LINE
FTG	FOOTING
GR	GRADE
H	HEIGHT
HORIZ	HORIZONTAL
L	LENGTH OF ARC
LB	POUNDS
LF	LINEAR FEET
LT	LEFT
LIN	LINEAR
LIP	LIP OF GUTTER
MAX	MAXIMUM
MH	MANHOLE
MJ	MECHANICAL JOINT
MIN	MINIMUM
MO	MIDDLE ORDINATE
MON	MONUMENT
N	NORTH
OC	ON CENTER
PB	PULLBOX
PC	POINT OF CURVATURE
PCCR	POINT OF COMPOUND CURVATURE
PH	POTHOLE
PI	POINT OF INTERSECTION
PL	PROPERTY LINE
PP	POWER POLE
PTRC	POINT OF REVERSE CURVATURE
POB	POINT OF BEGINNING
PROP	PROPERTY
PT	POINT OF TANGENCY
PVMT	PAVEMENT
PVC	POLYVINYL CHLORIDE
PVT	PAVEMENT
R	RADIUS
RT	RIGHT
ROW or R/W	RIGHT OF WAY
SAS	SANITARY SEWER
S	SOUTH
SL	STREET LIGHT
STA	STATION
STD	STANDARD
SY	SQUARE YARD
SW	SIDEWALK
T	TANGENT
TC	TOP OF CURB
TELE	TELEPHONE
TP	TOP OF PIPE
TYP	TYPICAL
UG	UNDERGROUND
VC	VERTICAL CURVE
VERT	VERTICAL
VF	VERTICAL FOOT
VPC	VERTICAL POINT OF CURVATURE
VPI	VERTICAL POINT OF INTERSECTION
VPT	VERTICAL POINT OF TANGENCY
W or WL	WATER LINE

UTILITY CONTACTS

ANTHONY KOZLOWSKI - PNM ELECTRIC- 241-3637
JOE DUNLOP - PNM GAS - 241-7771
MICHAEL VELARDE - QWEST - 245-8352
MIKE MORTUS - COMCAST - 761-6235

LEGEND

(ALL SYMBOLS NOT USED ON THIS PROJECT)

	EXISTING 1' CONTOUR
	EXISTING 5' CONTOUR
	NEW CONTOUR
	NEW SPOT ELEVATION
	PROPERTY LINE/RIGHT-OF-WAY
	CONSTRUCTION BASELINE
	EASEMENT LINE
	FOUND PROPERTY CORNER
	SURVEY CONTROL POINT
	EXISTING CURB & GUTTER
	NEW CURB & GUTTER
	EDGE OF PAVEMENT
	NEW PAVEMENT
	COLD MIX-IN-PLACE RECYCLING
	OVERLAY PAVEMENT
	EDGE OF EXISTING CONCRETE
	EXISTING CONCRETE
	EXISTING BUILDING
	EXISTING WALL
	EXISTING BOLLARD
	PROPOSED BOLLARD
	EXISTING SANITARY SEWER LINE
	NEW WATER LINE W/ VALVE & HYDRANT
	EXISTING WATER LINE W/ VALVE & HYDRANT
	EXISTING GAS LINE W/ VALVE
	EXISTING OVERHEAD ELECTRIC LINE
	EXISTING UNDERGROUND ELECTRIC LINE
	EXISTING UNDERGROUND TELEPHONE LINE
	CHAIN LINK FENCE
	PICKET FENCE
	PIPE RAILING
	TOE OF SLOPE OR TOP OF CUT
	EXISTING TRAFFIC SIGN MASTARM
	UTILITY POLE W/ GUY WIRE
	EXISTING/ RELOCATED LIGHT POLE W/ MASTARM
	EXISTING LIGHT POLE
	EXISTING SIGN
	NEW SIGN
	WATER METER
	GAS RISER
	TELEPHONE RISER
	TELEVISION RISER
	SPRINKLER/IRRIGATION VALVE
	EXIST. STREET LIGHT PULLBOX
	TRAFFIC SIGNAL PULLBOX
	EXISTING BUSHES
	EXISTING TREE

SECTION

AMAFCA NOTES:

- AMAFCA FIELD ENGINEER SHALL BE NOTIFIED 48-HOURS PRIOR TO ANY WORK WITHIN THE AMAFCA RIGHT-OF-WAY. TELEPHONE KURT WAGENER AT 884-2215.
- NO WORK WILL BE PERFORMED IN THE AMAFCA RIGHT-OF-WAY BETWEEN MAY 15 AND OCTOBER 15 WITHOUT WRITTEN PERMISSION FROM AMAFCA.
- ALL SUBGRADE, BACKFILL, AND EMBANKMENT SHALL BE COMPACTED TO 95% (ASTM D1557) WITHIN THE AMAFCA RIGHT-OF-WAY. TESTING REPORTS SHALL BE PROVIDED TO AMAFCA FIELD ENGINEER.
- AMAFCA FIELD ENGINEER WILL BE NOTIFIED 48-HOURS PRIOR TO FINAL INSPECTION OF ANY FACILITIES WITHIN THE AMAFCA RIGHT-OF-WAY.
- ALL DISTURBED GROUND AREAS SHALL BE RE-VEGETATED IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, SECTION 1012 NATIVE GRASS SEEDING, AS CURRENTLY UPDATED.
- ANY MONUMENTS DESTROYED SHALL BE REPLACED BY A NM LICENSED SURVEYOR AT THE CONTRACTOR'S EXPENSE. AMAFCA SHALL BE NOTIFIED 48 HOURS PRIOR TO ANY MONUMENT PLACEMENT.

NORTH DIVERSION CHANNEL BRIDGE INSTALLATION:

- THE MAXIMUM WHEEL LOAD ALLOWED IN THE CHANNEL IS 12,000 POUNDS.
- NO TRACK VEHICLES ARE ALLOWED IN THE CHANNEL REGARDLESS OF LOCATION.
- CRANES OPERATING IN THE CHANNEL SHALL HAVE OUTRIGGERS AND LIMIT THE OUTRIGGER FOOTPRINT LOAD AREA TO LESS THAN 12,000 POUNDS.
- CONTRACTOR SHALL PREPARE AND SUBMIT AN EQUIPMENT PLACEMENT PLAN TO THE PROJECT ENGINEER AND AMAFCA THAT IS PROPOSED TO BE USED IN THE INSTALLATION OF THE BRIDGE OVER THE NDC. APPROVAL BY AMAFCA OF THE EQUIPMENT PLACEMENT PLAN SHALL BE OBTAINED PRIOR TO BEGINNING THE BRIDGE INSTALLATION.

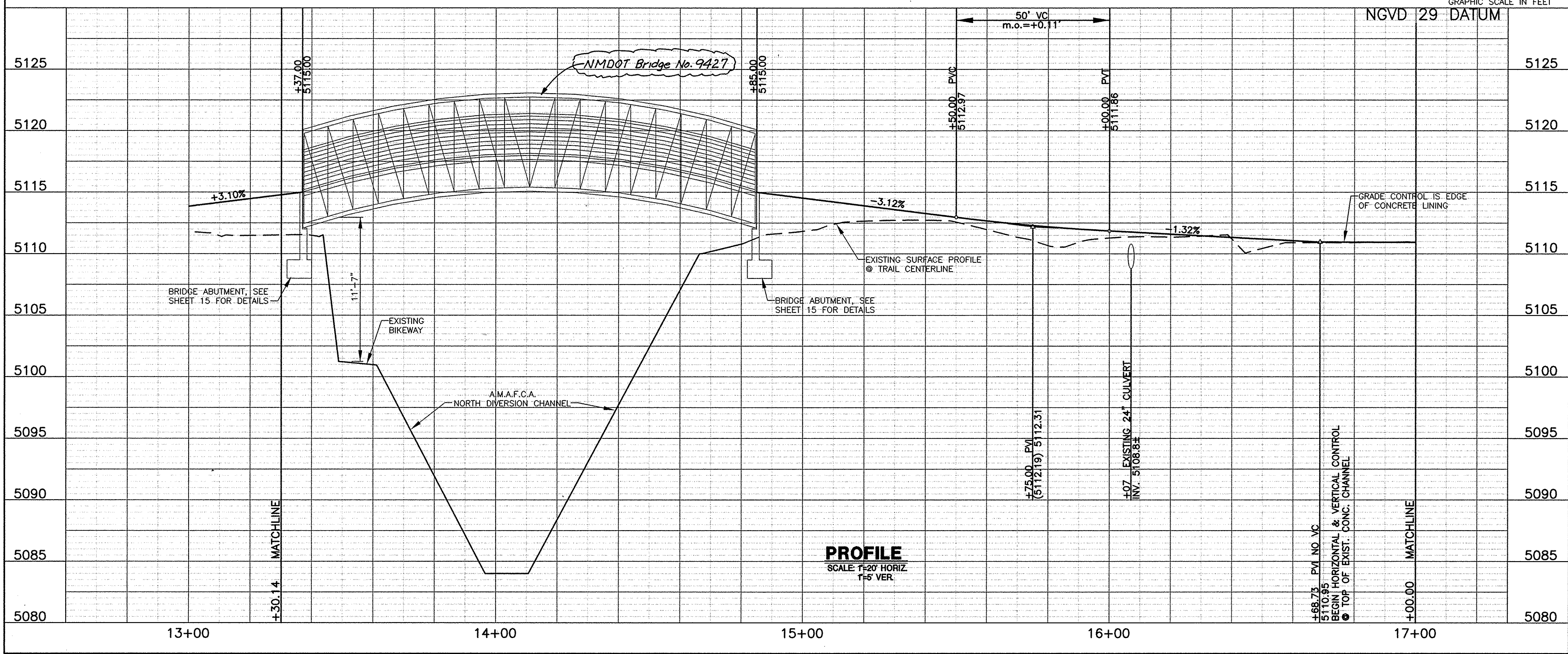
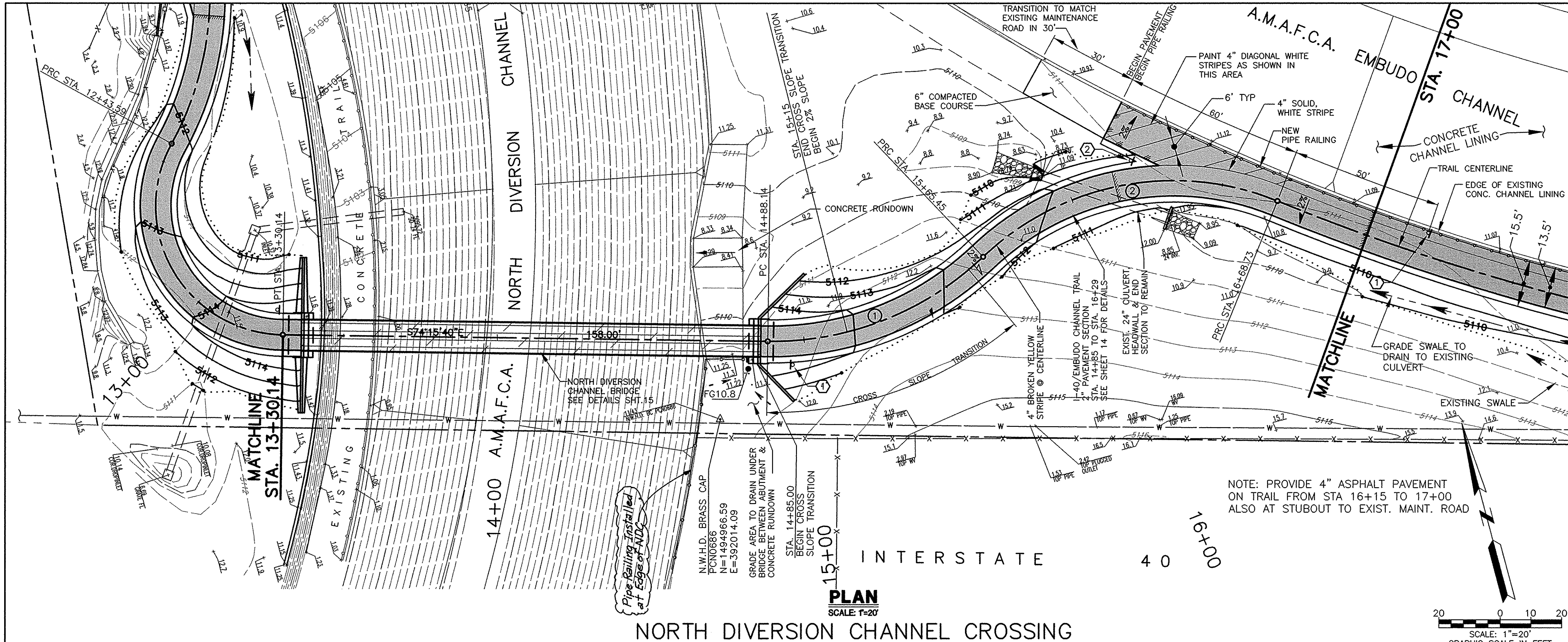
PARK BENCH

PARK BENCH SHALL BE MODEL CBNA-S-102 FROM THE PRAIRIE SITES SERIES AS MANUFACTURED BY VICTOR STANLEY, INC. BENCH SHALL BE 6 FEET LONG, HAVE 5/8" DIAMETER HORIZONTAL SOLID STEEL RODS AND 2-3/8" O.D. TUBULAR SCHEDULE 40 STEEL END FRAMES. COLOR SHALL BE TAVERN SQUARE GREEN. BENCH SHALL BE IN THE GROUND MOUNTED WITH CONCRETE FOUNDATIONS AS PER THE MANUFACTURE'S RECOMMENDATION.

RECORD DRAWING
DECEMBER 2008

"Notice of Extended Payment Provision.
This contract requires the Owner to make payment within 45 days after submission of an undisputed request for payment."

 3550 MENARD, NE, SUITE #140 ALBUQUERQUE, NEW MEXICO 87112 (505) 275-7500, FAX (505) 275-0748 ENGINEER'S FILE NO. 2002-0016-04		 CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT TRANSPORTATION DIVISION I-40/EMBUDO CHANNEL TRAIL NORTH DIVERSION CHANNEL TO WASHINGTON STREET NM PROJECT NO. TPE-7501(6) ON 3026 GENERAL NOTES, LEGEND & ABBREVIATIONS	
Design Review Committee JUN 08 2007 DESIGN REVIEW COMMITTEE	City Engineer Approval JUN 08 2007 CITY ENGINEER	Mo./Day/Yr. Last Design Update	Mo./Day/Yr.
Project No. 678303	Zone Map No. H-16,H-17	Sheet 2	of 16



NOTES:

1. ALL BEARINGS AND DISTANCES SHOWN BETWEEN HORIZONTAL CURVES REPRESENT INFORMATION FROM PT OF ONE CURVE TO THE PC OF THE NEXT CURVE FOR TRAIL CENTERLINE. IN CASES WHERE THE TRAIL IS ADJACENT TO THE CONCRETE CHANNEL, TRAIL CONTROL IS DEPENDENT ON THE EXISTING TOP OF CHANNEL, THEREFORE STATIONING ONLY IS SHOWN IN THESE AREAS.

2. BROKEN CENTERLINE STRIPING OF THE I-40/EMBUDO CHANNEL TRAIL SHALL BE 3' LONG, YELLOW STRIPES, 4" WIDE, WITH 9' LONG SPACES (TYPICAL).

SIGN PLACEMENT

① W1-4L-18

② W1-6(L)

CURVE DATA

TRAIL CENTERLINE

P.I. STA. 15+28.85

R=100.00'

A=77.31'

T=40.70'

Δ=44°17'46"

CH BEARING=N83°35'27"E

CH DISTANCE=75.40'

CURVE DATA

TRAIL CENTERLINE

P.I. STA. 16+23.62

R=90.00'

A=103.27'

T=58.16'

Δ=65°44'42"

CH BEARING=S85°41'05"E

CH DISTANCE=97.70'

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DECEMBER 2008

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LARKIN GROUP, INC.

8500 MENAUL NE, SUITE A-440
ALBUQUERQUE, NEW MEXICO 87112
(505) 275-7500, FAX (505) 275-0748
ENGINEER'S FILE NO. 2002-0016-04

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
TRANSPORTATION DIVISION

I-40/EMBUDO CHANNEL TRAIL
NORTH DIVERSION CHANNEL TO WASHINGTON STREET
NM PROJECT NO. TPE-7501(6) CN 3026
PLAN & PROFILE
STA. 13+30.14 TO STA. 17+00

DESIGN REVIEW COMMITTEE
JUN 08 2007
DESIGN REVIEW COMMITTEE

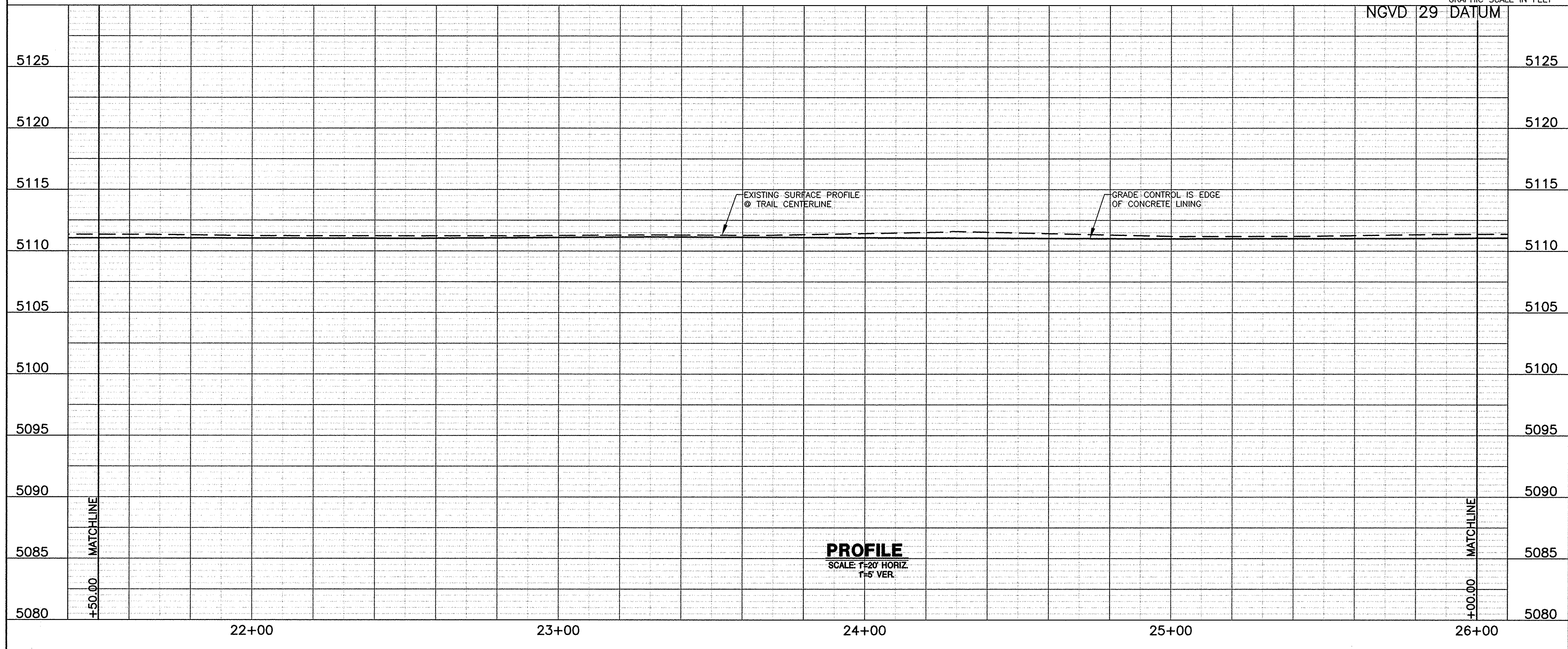
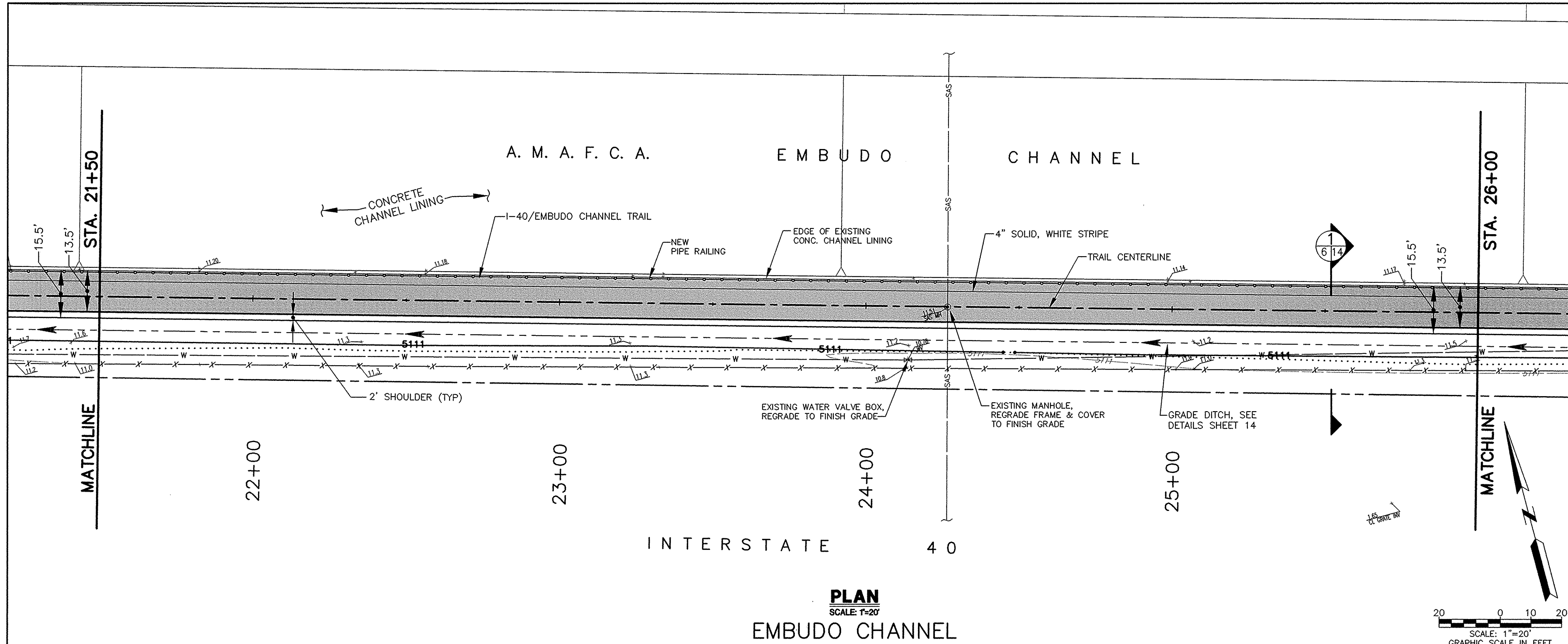
CITY ENGINEER
JUN 08 2007
CITY ENGINEER

NO.	DATE	REMARKS	BY
1			
2			

DESIGNED BY: JAA
DRAWN BY: TL
CHECKED BY: JAA

DATE: AUGUST 2006
DATE: AUGUST 2006
DATE: AUGUST 2006

Project No. 678303
Zone Map No. H-16,H-17
Sheet 4 of 16



NOTES:

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2. BROKEN CENTERLINE STRIPING OF THE I-40/EMBUDO CHANNEL TRAIL SHALL BE 3' LONG, YELLOW STRIPES, 4" WIDE, WITH 9' LONG SPACES (TYPICAL).

AS BUILT INFORMATION

CONTRACTOR: A. S. Horner

DATE: 01/08

INSPECTOR'S ACCEPTANCE: C.O.A. 04/08

DATE: 04/08

DESIGNED BY: JAA

DATE: AUGUST 2006

DRAWN BY: TL

DATE: AUGUST 2006

CHECKED BY: JAA

DATE: AUGUST 2006

RECORD DRAWING
DECEMBER 2008

REVISIONS

DESIGN

APPROVED

JUN 08 2007

DESIGN REVIEW COMMITTEE

APPROVED

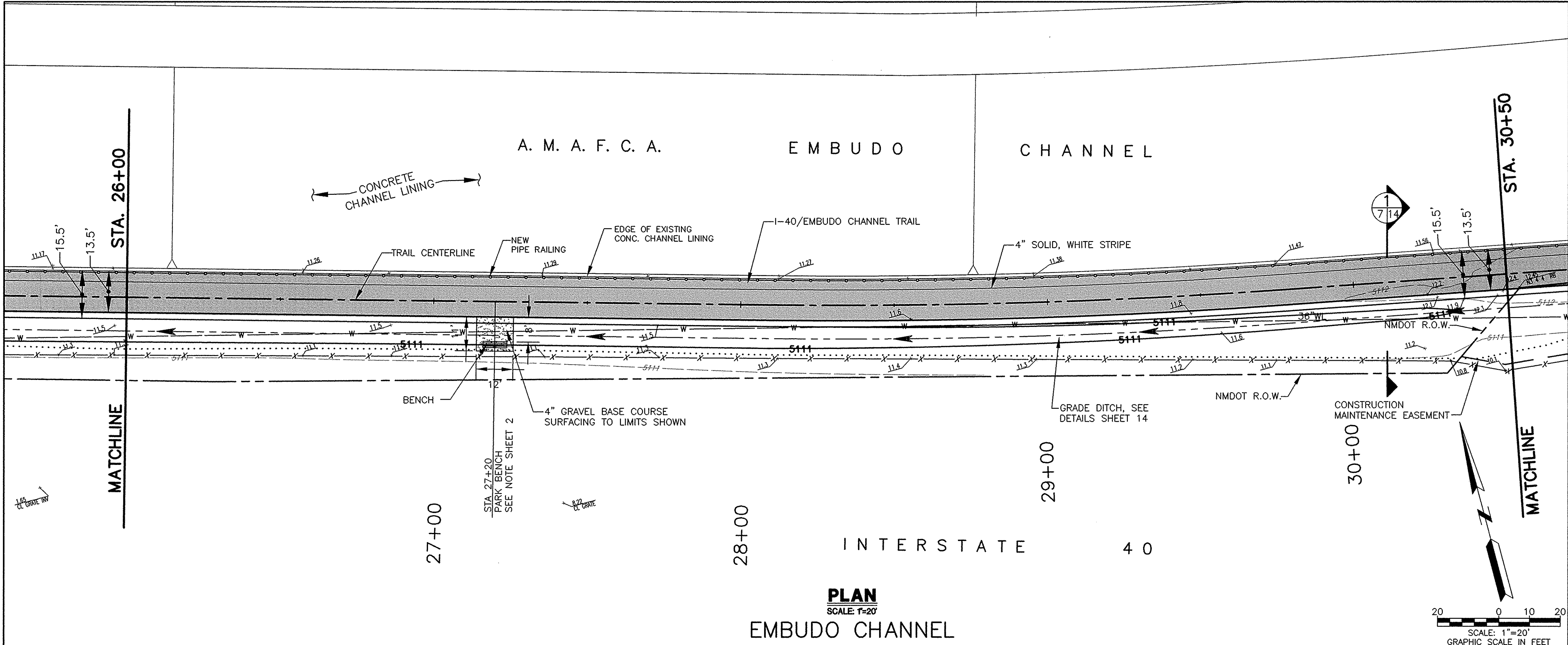
JUN 08 2007

CITY ENGINEER

Project No. 678303

Zone Map No. H-16,H-17

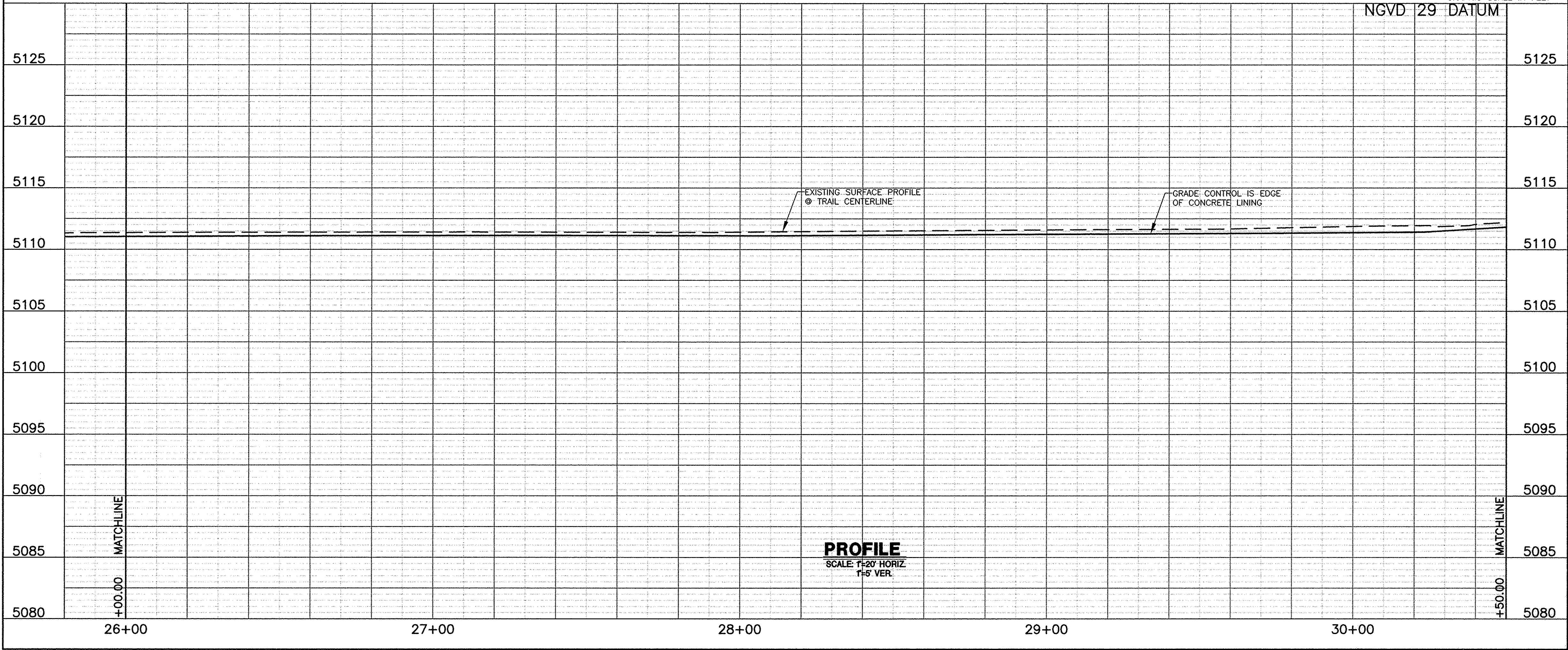
Sheet 6 of 16



NOTES:

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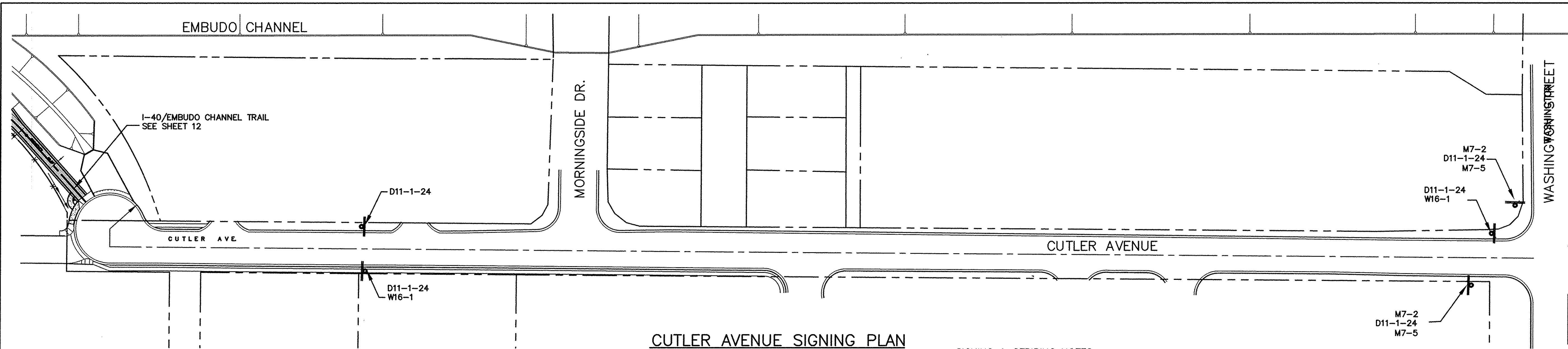
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I-40/EMBUDO CHANNEL TRAIL
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STA. 26+00 TO STA. 30+50

DESIGNED BY: JAA
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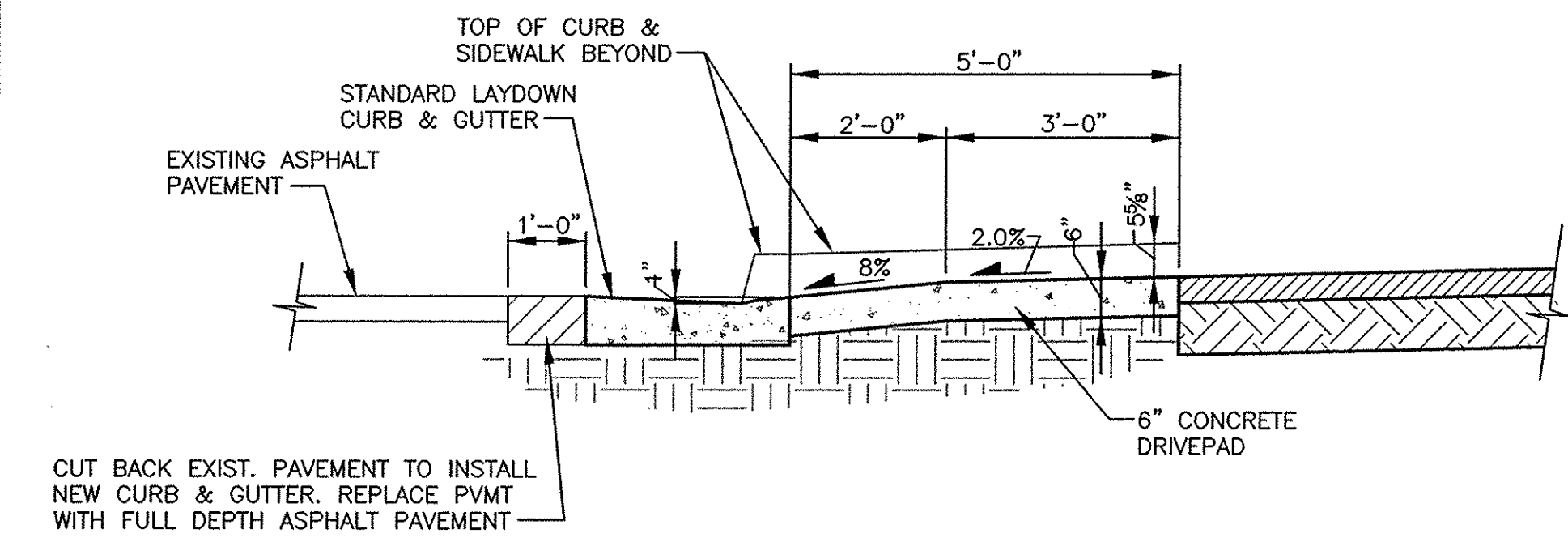
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Project No. 678303
Zone Map No. H-16,H-17
Sheet 7 of 16

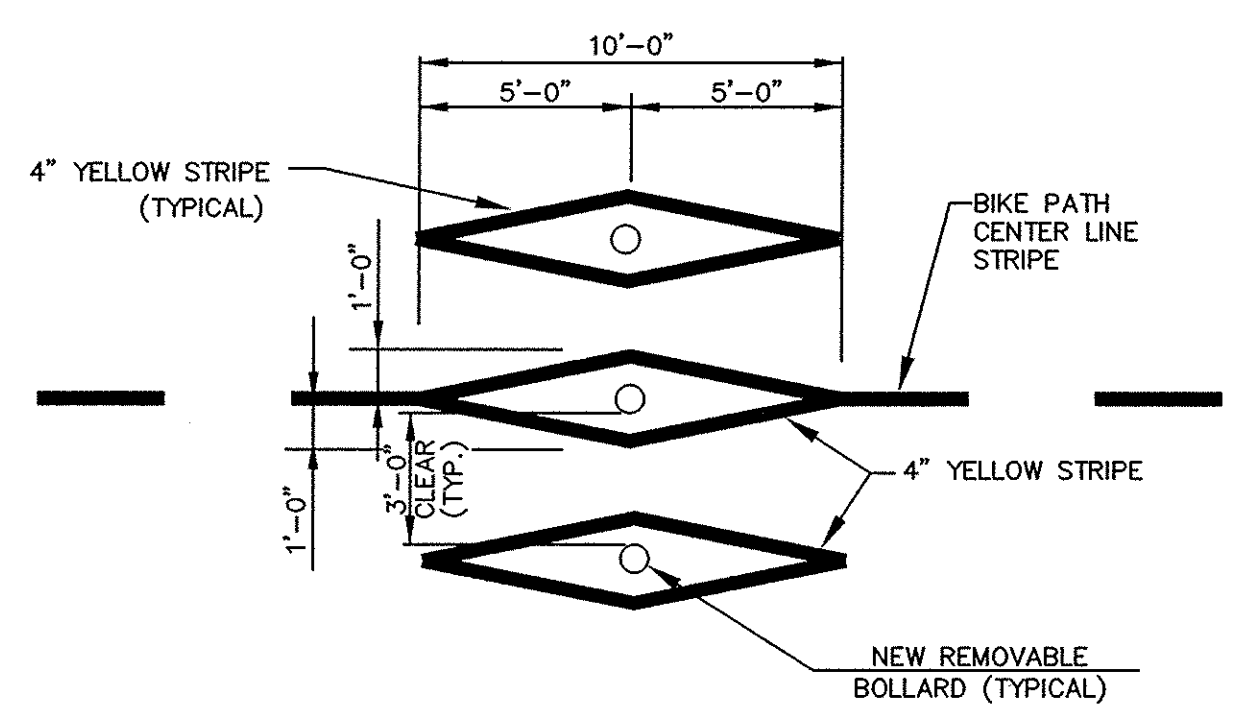


CUTLER AVENUE SIGNING PLAN
SCALE: 1" = 60'

SIGNING & STRIPING NOTES
1. TRAFFIC SIGNS & POSTS SHALL CONFORM TO CITY OF ALBUQUERQUE SPECIFICATIONS AND THEIR STANDARD DETAILS. SIGN PANELS SHALL BE ALUMINUM WITH REFLECTIVE FACING AND SIGN POSTS SHALL BE GALVANIZED STEEL. PAVEMENT STRIPING AND PAVEMENT MARKINGS SHALL BE REFLECTORIZED PLASTIC MARKINGS.

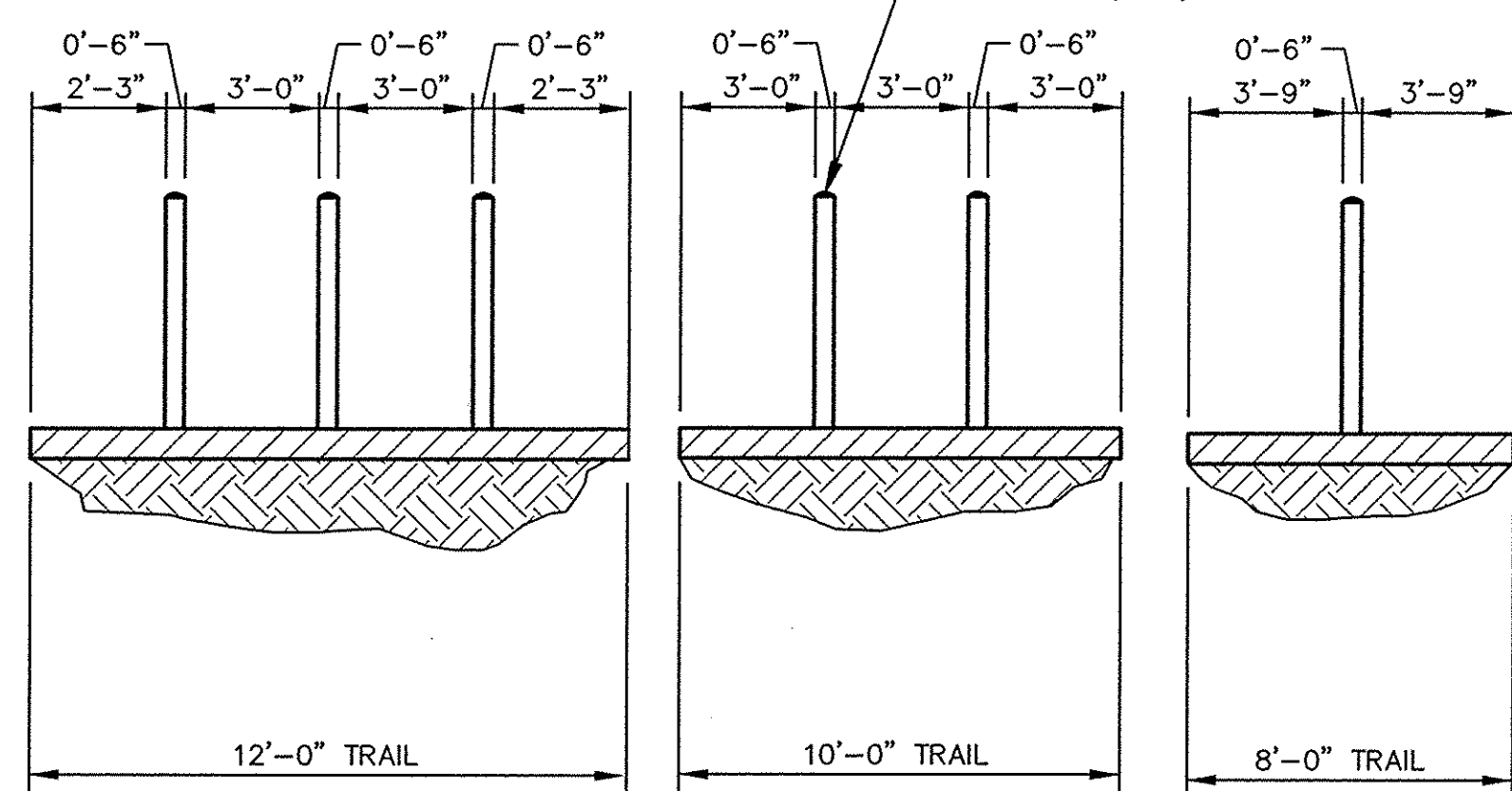


SECTION
SCALE: 1/2" = 1'-0"

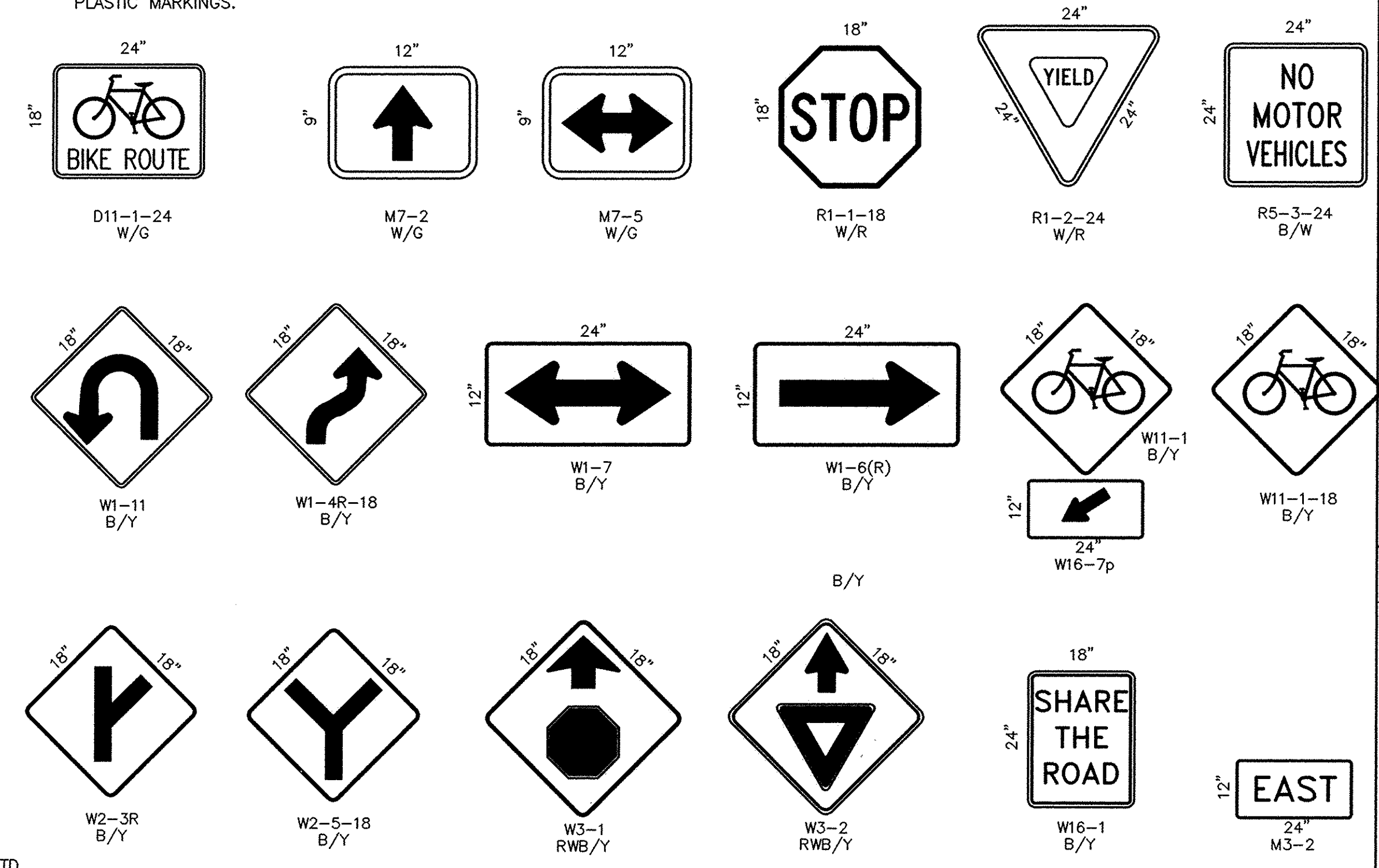


DETAIL FOR STRIPING AT BOLLARDS
NO SCALE

NOTE: SEE TRAIL PLANS FOR LOCATION OF BOLLARDS. SEE PLANS FOR CALL-OUTS OF STATIONARY OR REMOVABLE POSTS. FOR FOUNDATION & BOLLARD DETAILS, SEE COA STD DWG. 2250. AMAFCA WILL FURNISH PADLOCKS FOR REMOVABLE BOLLARDS.

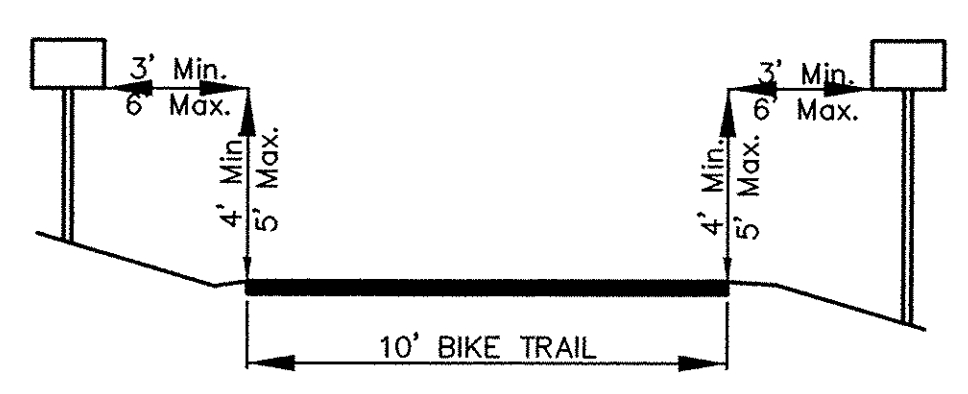


BOLLARD SPACING DETAILS
NO SCALE

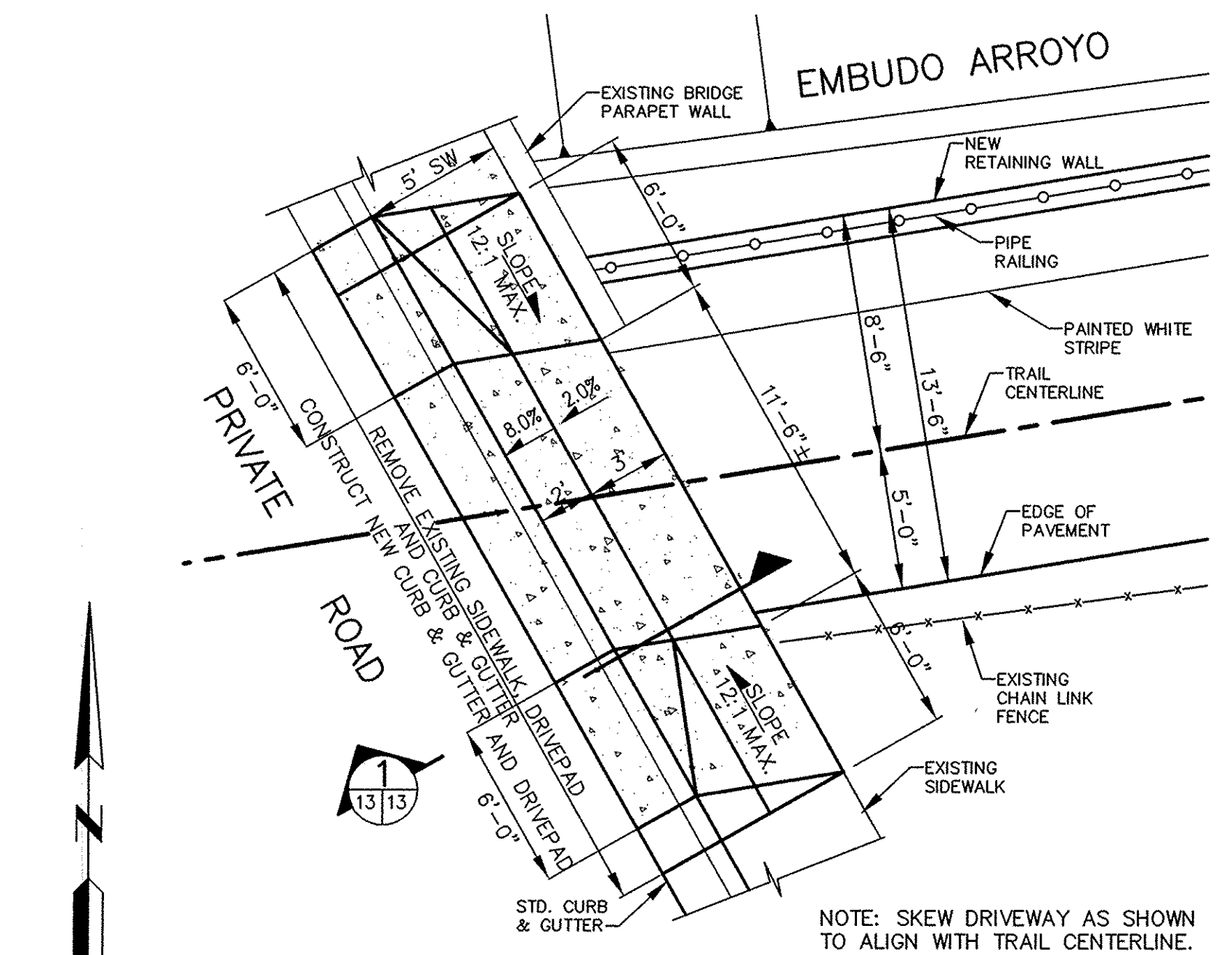


RECORD DRAWINGS WERE PREPARED FROM INFORMATION PROVIDED BY THE CONTRACTOR
RECORD DRAWING
DECEMBER 2008

SIGN FACE DETAILS



SIGN PLACEMENT DETAILS
NO SCALE



DRIVEWAY PLAN
SCALE: 1" = 5'-0"

AS BUILT INFORMATION CONTRACTOR: A.S. Horner DATE: 01/08 INSPECTOR: J. P. ... FIELD: ... CHECKED BY: ... MICRO-FILM INFORMATION ELEVATION: 5114.625, NGVD 29 DATUM: AS SHOWN IN THE CITY OF ALBUQUERQUE SURVEY MONUMENTS, EDITION 12, PAGE C-61. X=391,771.93, Y=1,495,174.25		BENCH MARKS THIS STATION IS LOCATED IN THE CENTER MEDIAN OF MENAUL BOULEVARD NE ON THE WEST SIDE OF THE INTERSECTION WITH THE AMAFCA NORTH DIVERSION CHANNEL. THE STATION IS A NWSHC BRASS CAP SET IN TOP OF A CONCRETE POST, FLUSH WITH THE GROUND. ELEVATION: 5114.625, NGVD 29 DATUM: AS SHOWN IN THE CITY OF ALBUQUERQUE SURVEY MONUMENTS, EDITION 12, PAGE C-61. X=391,771.93, Y=1,495,174.25	
SURVEY INFORMATION FIELD NOTES NO. 1 BY LARKIN GROUP, NM DATE 11/05/05 NO. 2 BY LARKIN GROUP, NM DATE 1/05/06		ENGINEER'S SEAL (Seal of J. P. ...) 5-15-07	
REVISIONS NO. 1 DATE BY REMARKS		DESIGN NO. 1 DATE BY REMARKS	
DESIGNED BY: JAA DRAWN BY: TL CHECKED BY: JAA DATE: AUGUST 2006 DATE: AUGUST 2006 DATE: AUGUST 2006		PROJECT NO. 678303 ZONE MAP NO. H-16, H-17 SHEET 13 OF 16	

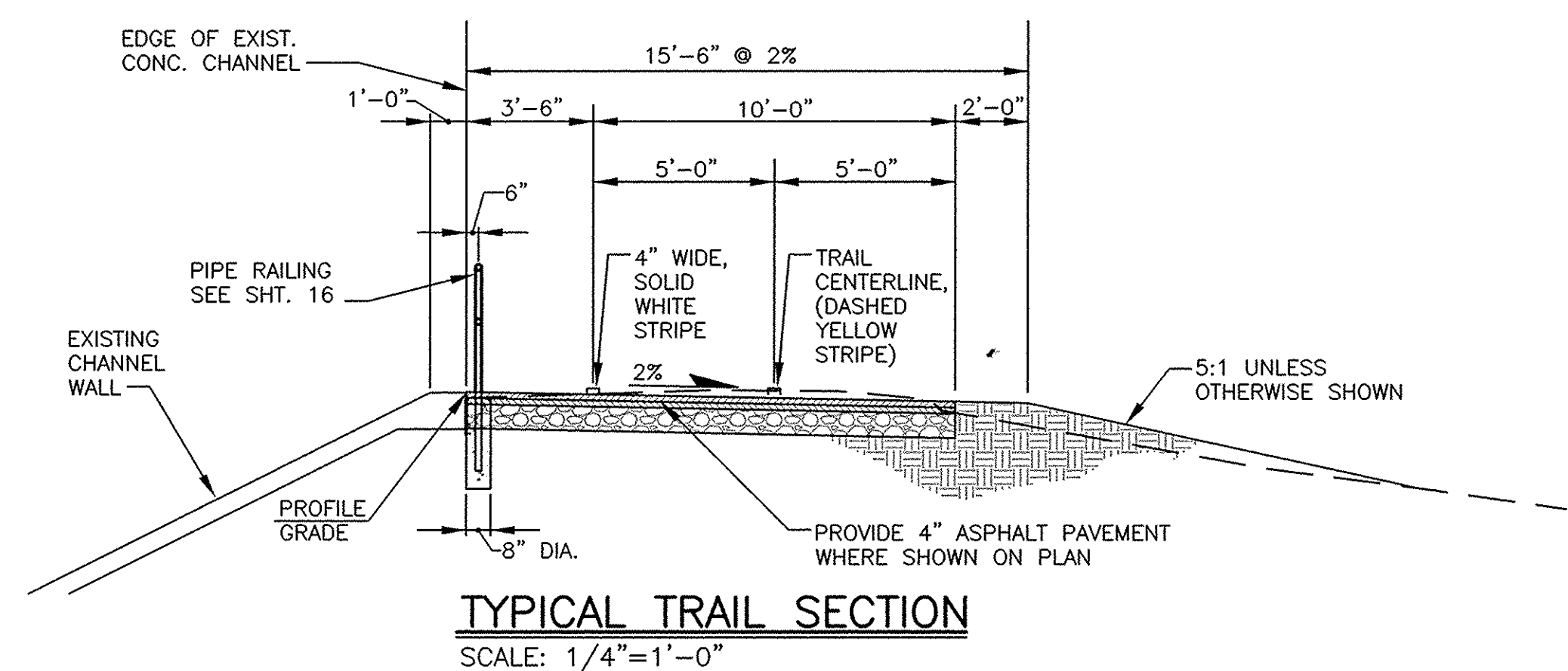
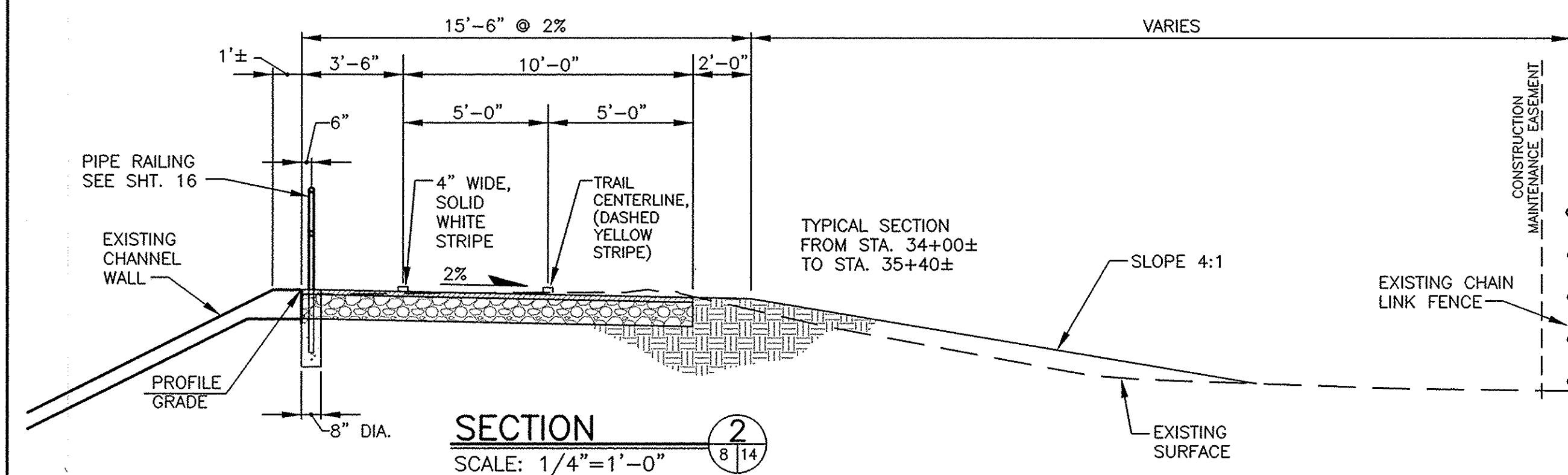
8500 MENAUL NE, SUITE 4-440
ALBUQUERQUE, NEW MEXICO 87112
(505) 275-7500, FAX (505) 275-0748
ENGINEER'S FILE NO. 2002-0016-04

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
TRANSPORTATION DIVISION

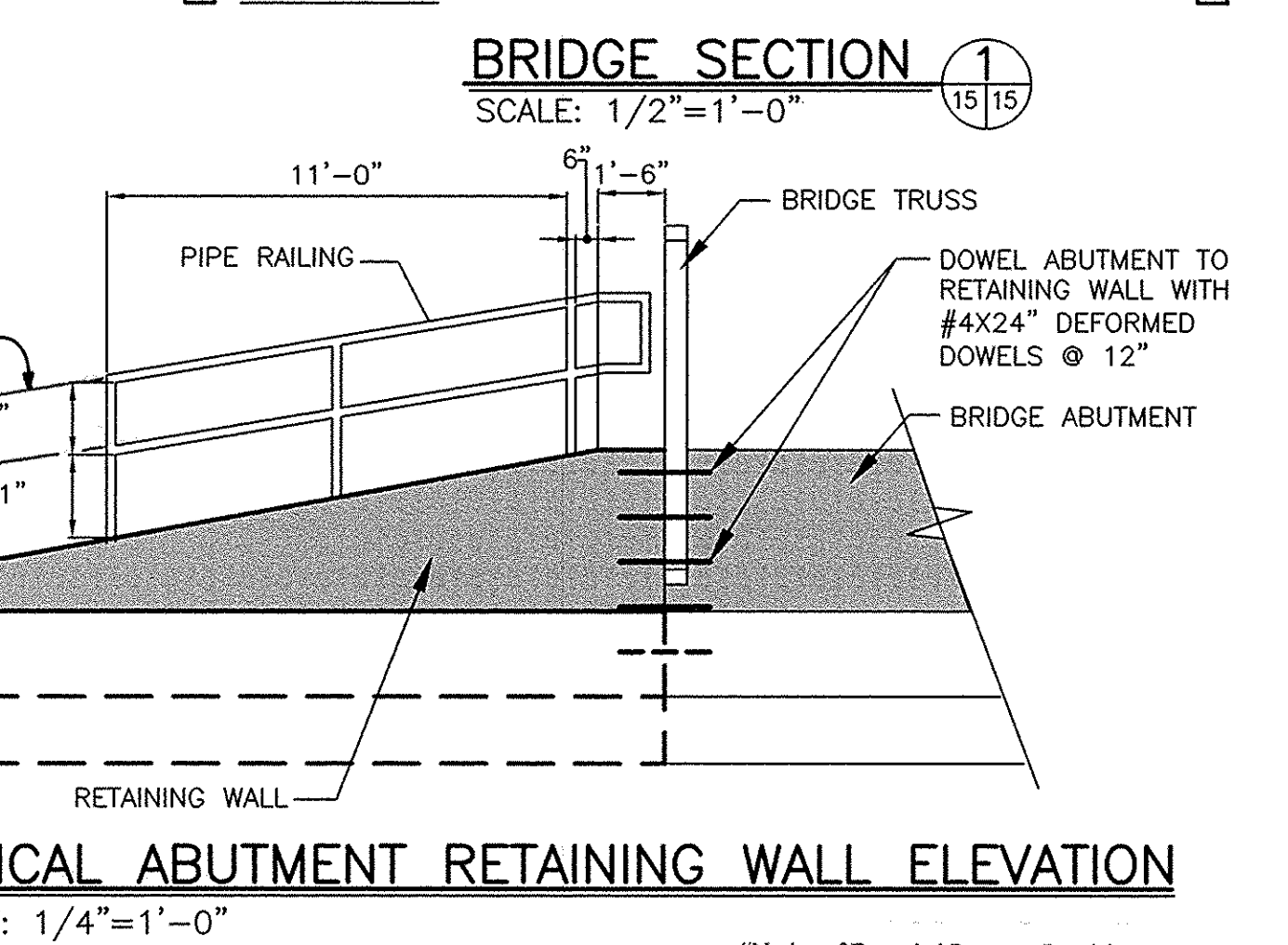
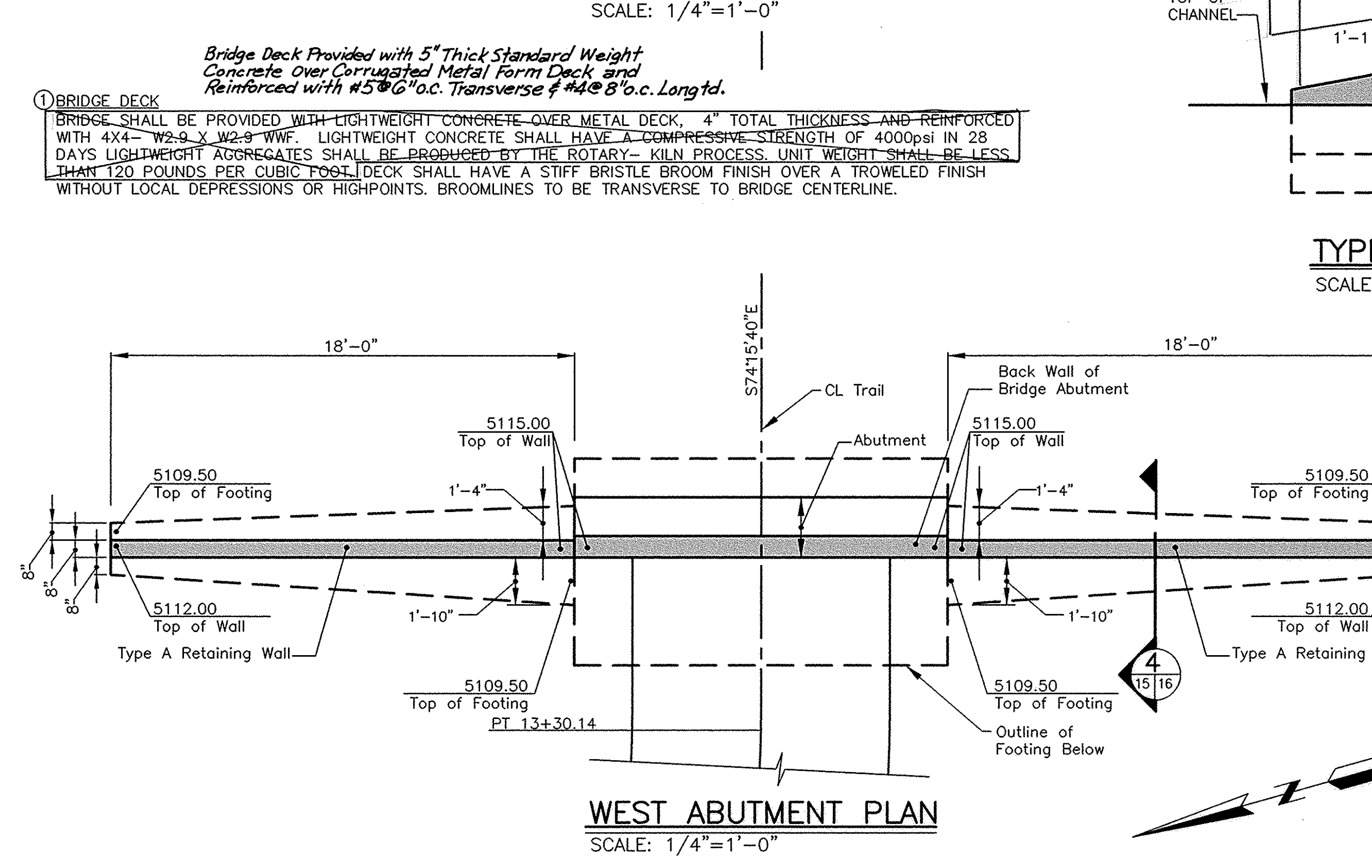
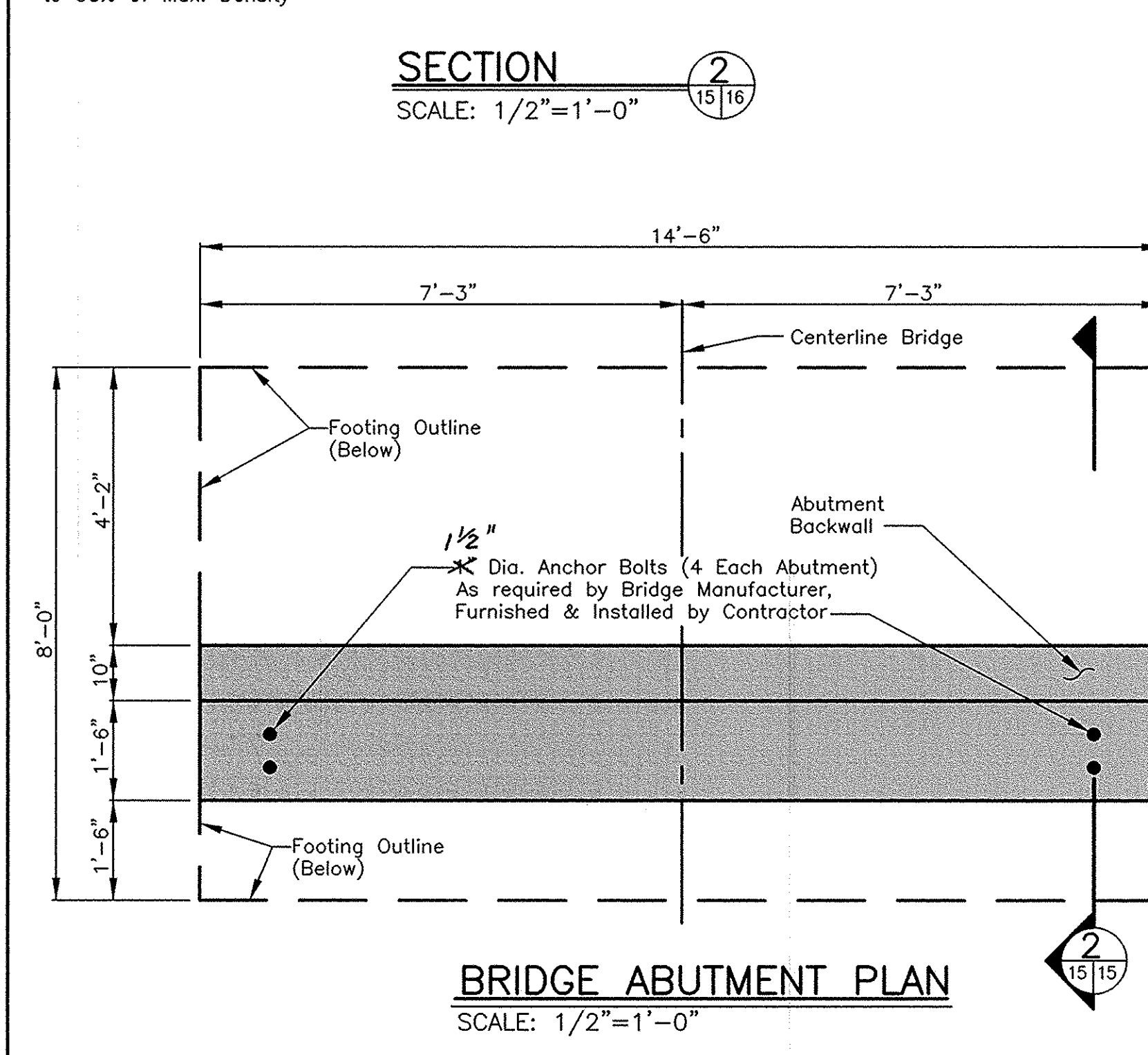
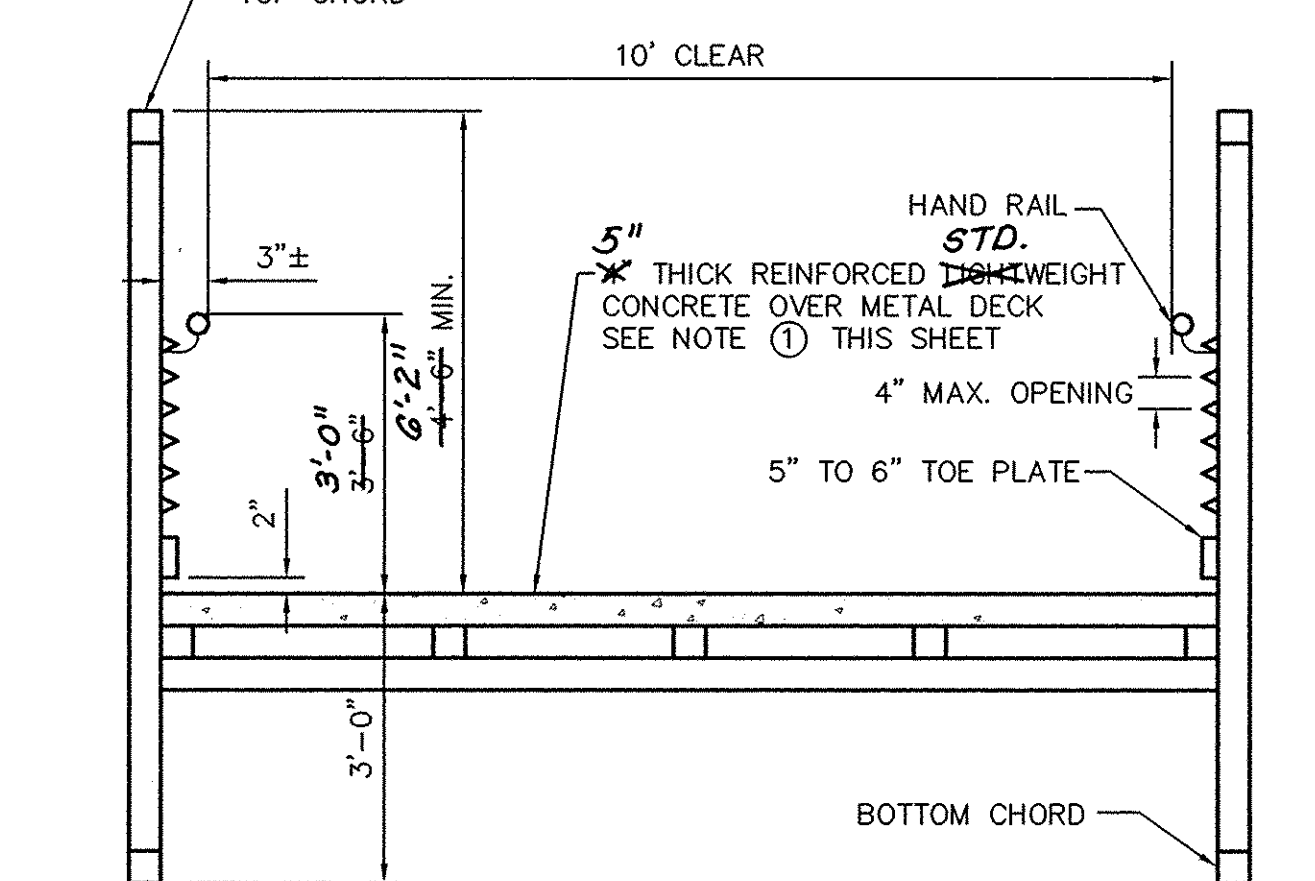
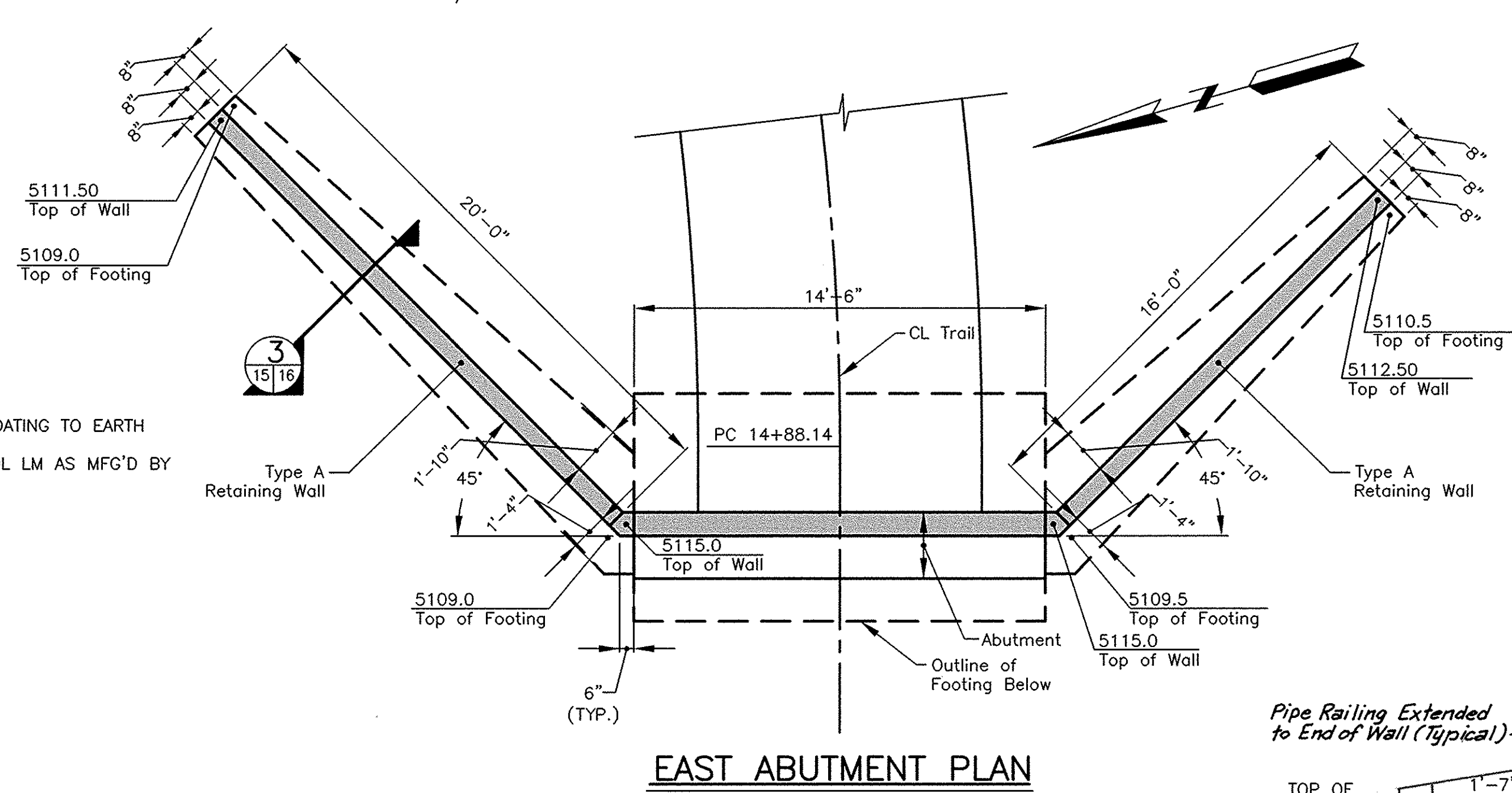
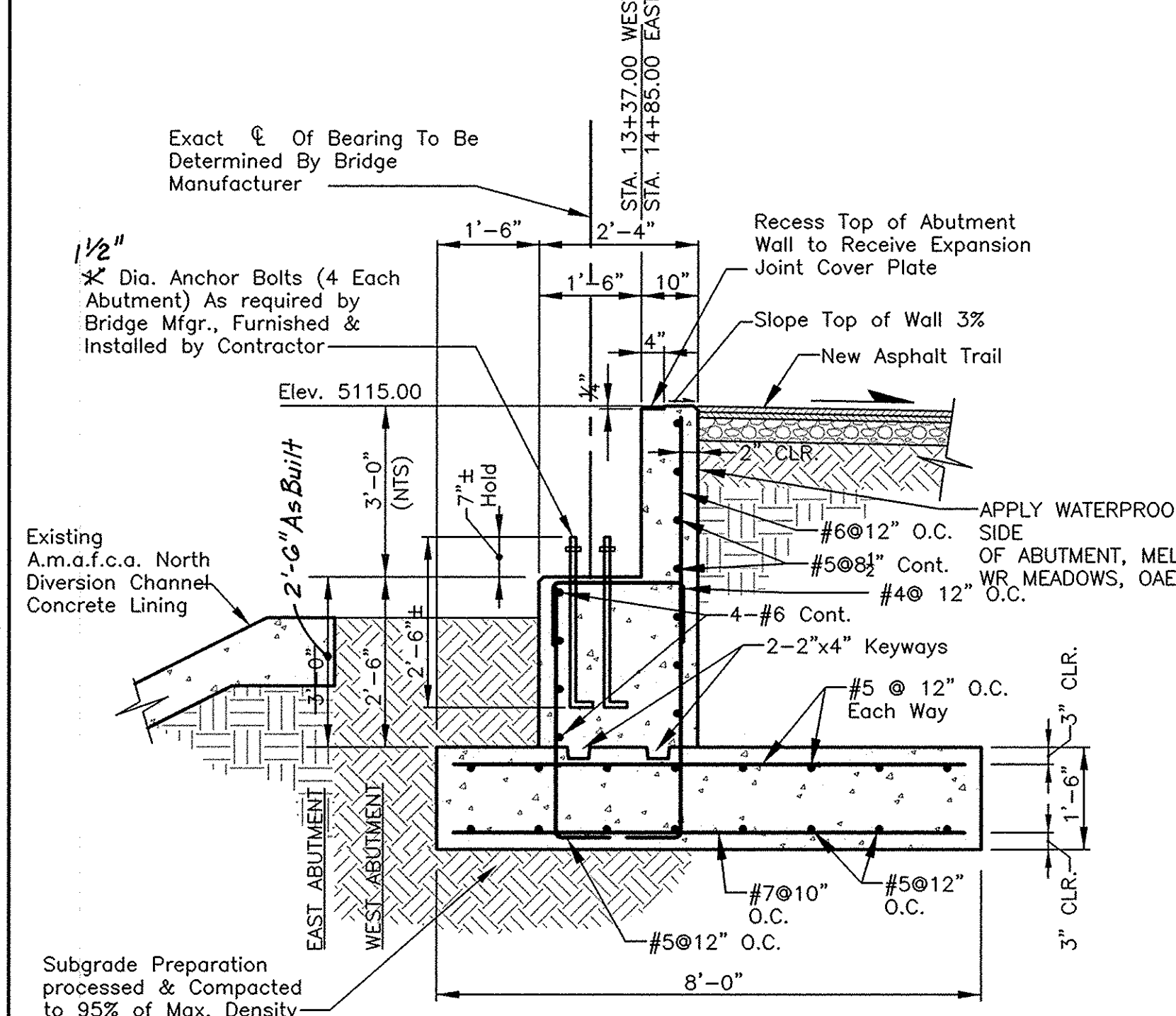
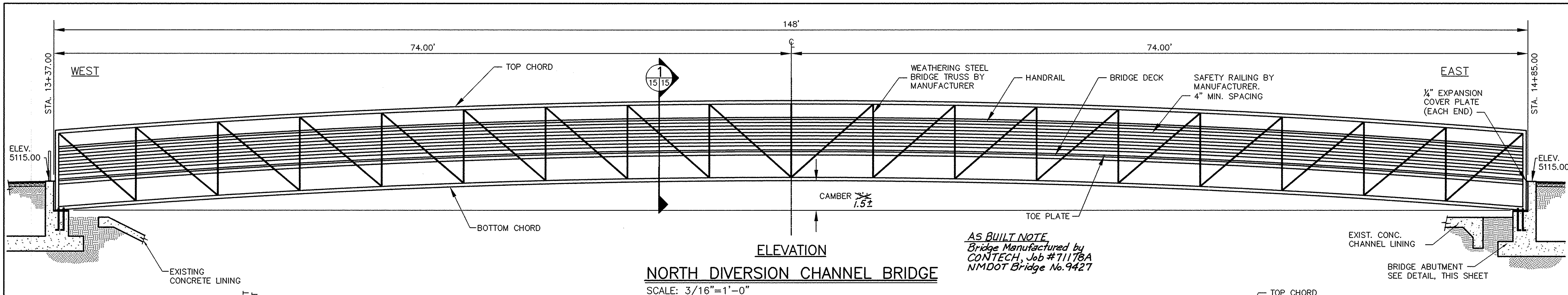
I-40/EMBUDO CHANNEL TRAIL
NORTH DIVERSION CHANNEL TO WASHINGTON STREET
NM PROJECT NO. TPE-7501(6) CN 3026
CUTLER AVE. SIGNING PLAN, BOLLARD DETAILS,
SIGNING & STRIPING DETAILS

Design Review Committee
APPROVED
JUN 08 2007
DESIGN REVIEW COMMITTEE

City Engineer Approval
APPROVED
JUN 08 2007
CITY ENGINEER



Project No.	678303	Zone Map No.	H-16,H-17	Sheet	14	of	16
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AS BUILT INFORMATION				SURVEY INFORMATION				ENGINEER'S SEAL			
CONTRACTOR: A.S. Horner				DATE: 08/08/08							
INSPECTOR: C.O.A.				DATE: 08/08/08							
ACCEPTANCE BY: C.O.A.				DATE: 08/08/08				DESIGNED BY: JAA			
DRAWING: Larkin Group, Inc.				DATE: 08/08/08				DRAWN BY: TL SH			
MICRO-FILM INFORMATION				DATE: 08/08/08				CHECKED BY: JAA			
RECORDED BY: DATE: 08/08/08				RECORDED BY: DATE: 08/08/08				RECORDED BY: DATE: 08/08/08			

NOTICE OF EXTENDED PAYMENT PROVISION.
This contract requires the Owner to make payment within 45 days after submission of an undisputed request for payment.

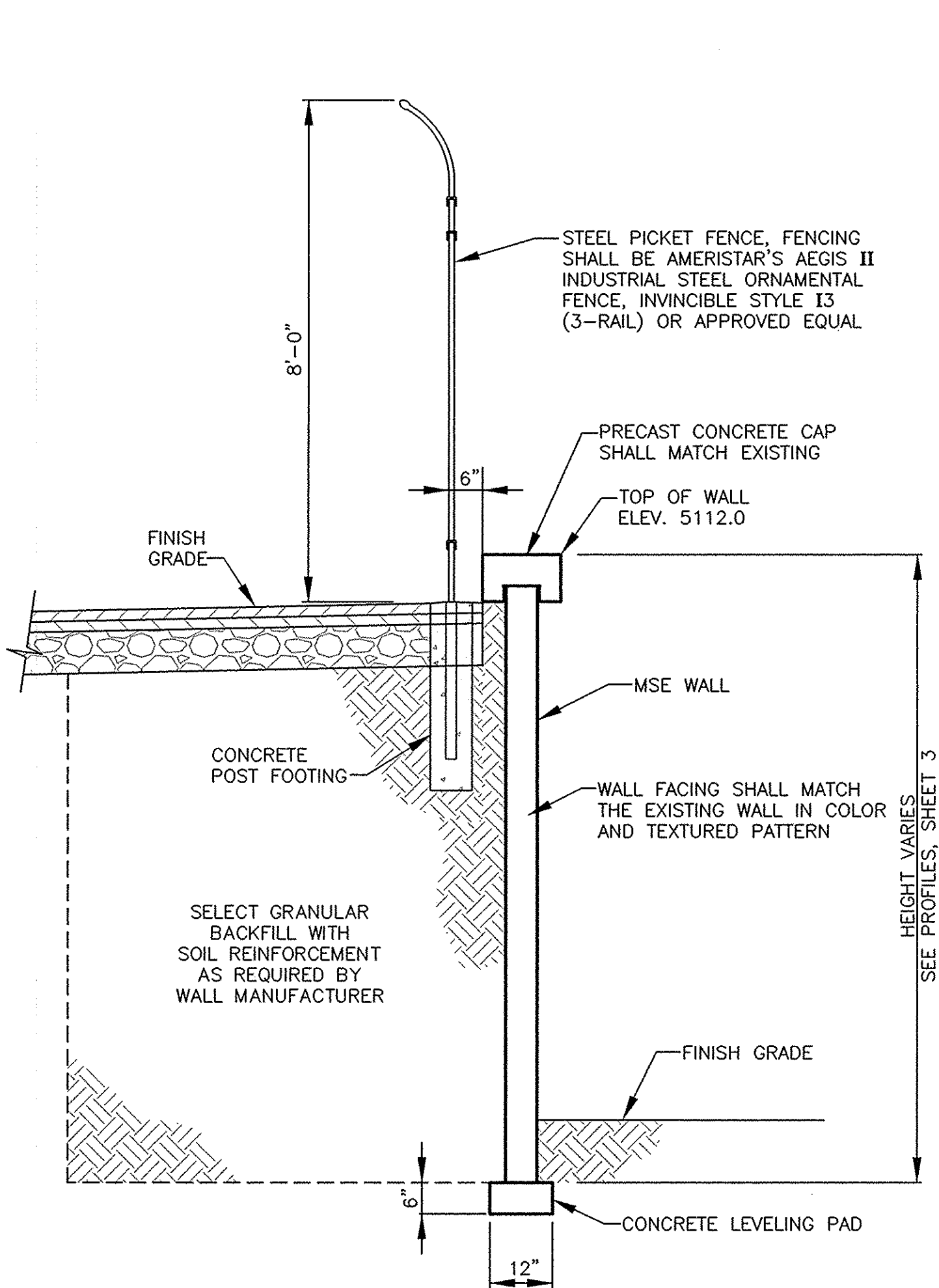
LARKIN GROUP, INC.
8500 MENAUL NE, SUITE A-440
ALBUQUERQUE, NEW MEXICO 87112
(505) 275-7500 FAX (505) 275-0748
ENGINEER'S FILE NO. 2002-0016-04

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
TRANSPORTATION DIVISION
I-40/EMBUDO CHANNEL TRAIL
NORTH DIVERSION CHANNEL TO WASHINGTON STREET
NM PROJECT NO. TPE-7501(6) CN 3026
NORTH DIVERSION CHANNEL BRIDGE DETAILS

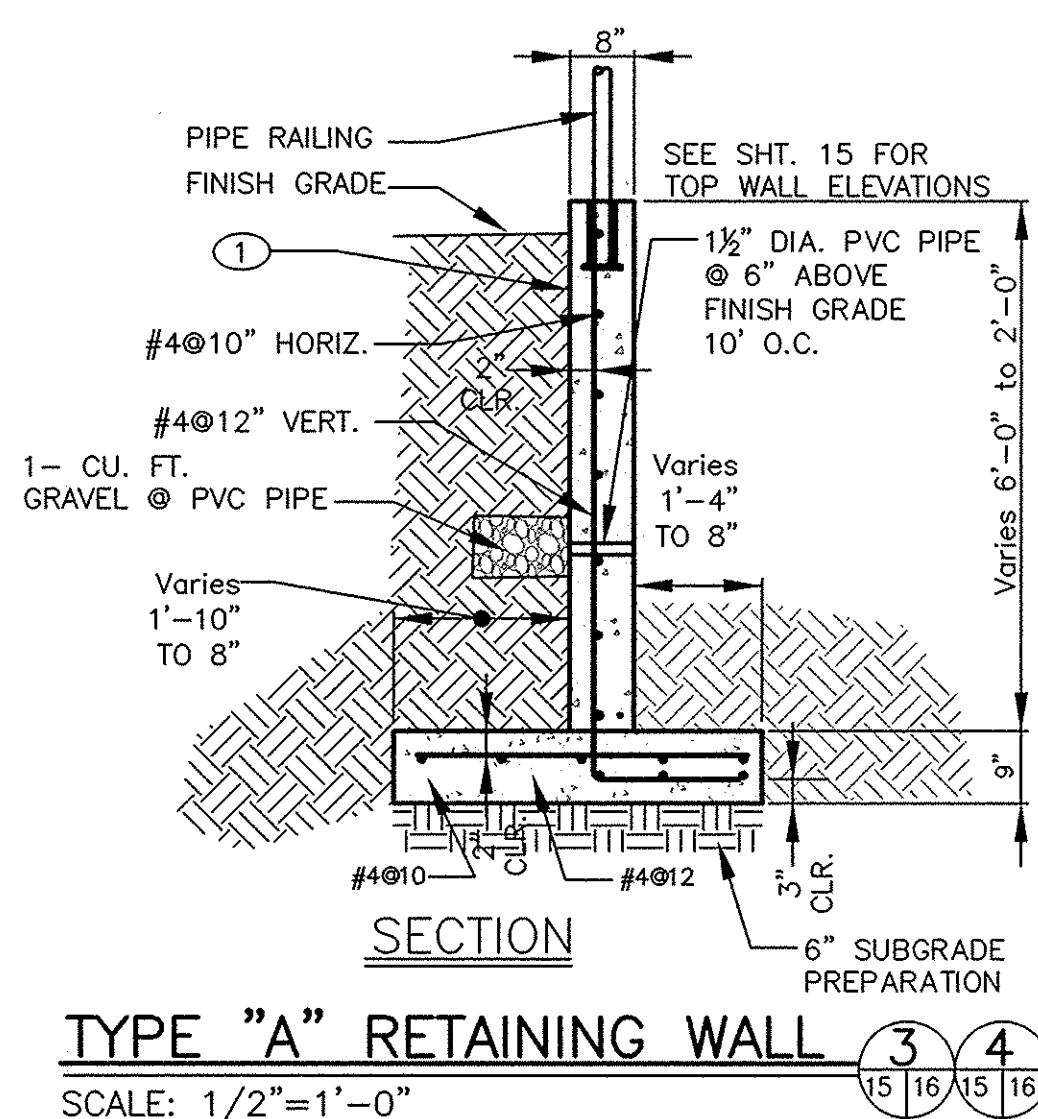
Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED JUN 08 2007 DESIGN REVIEW COMMITTEE	APPROVED JUN 08 2007 CITY ENGINEER		

Project No. 678303 Zone Map No. H-16,H-17 Sheet 15 of 16

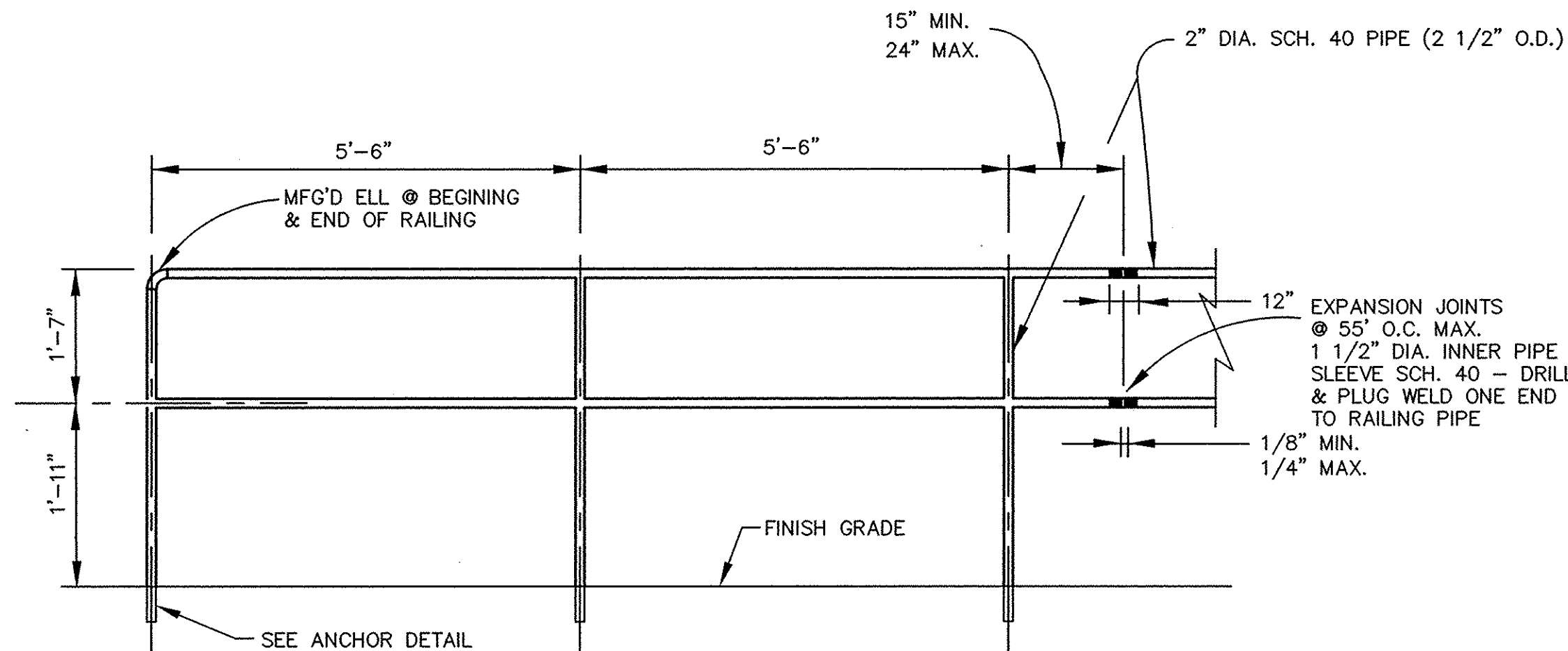
RECORD DRAWING
DECEMBER 2008



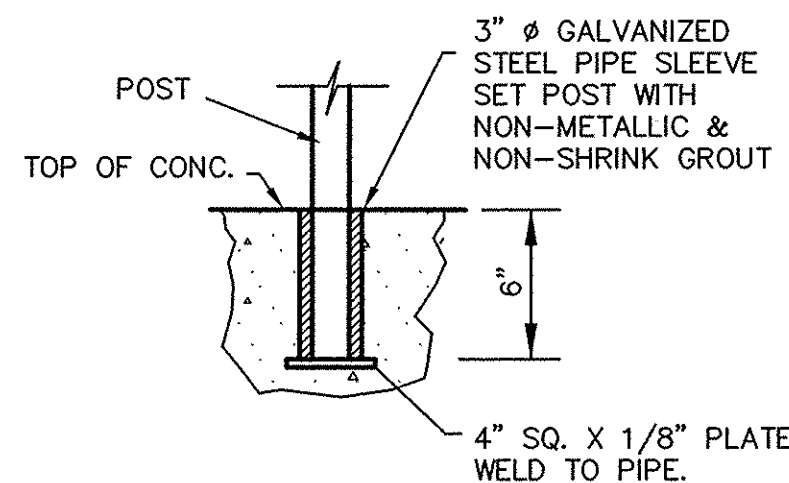
SECTION
MSE RETAINING WALL
SCALE: 1/2"=1'-0"



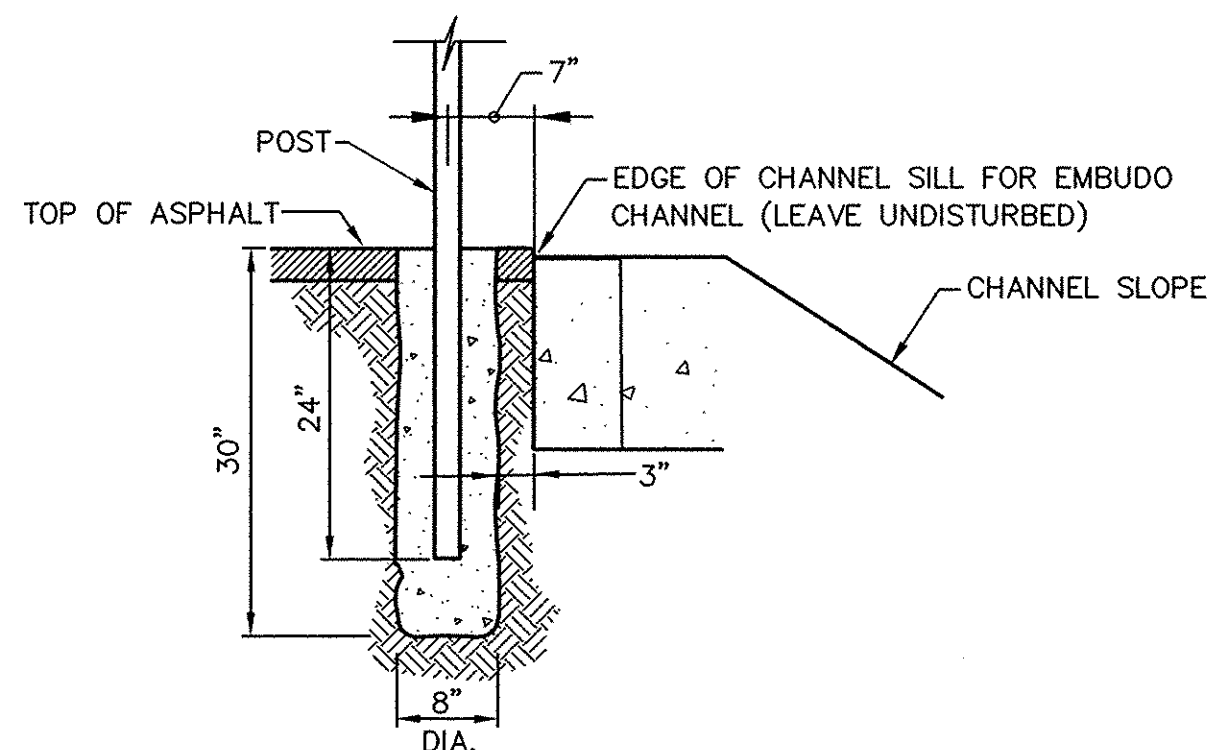
SECTION
TYPE "A" RETAINING WALL
SCALE: 1/2"=1'-0"



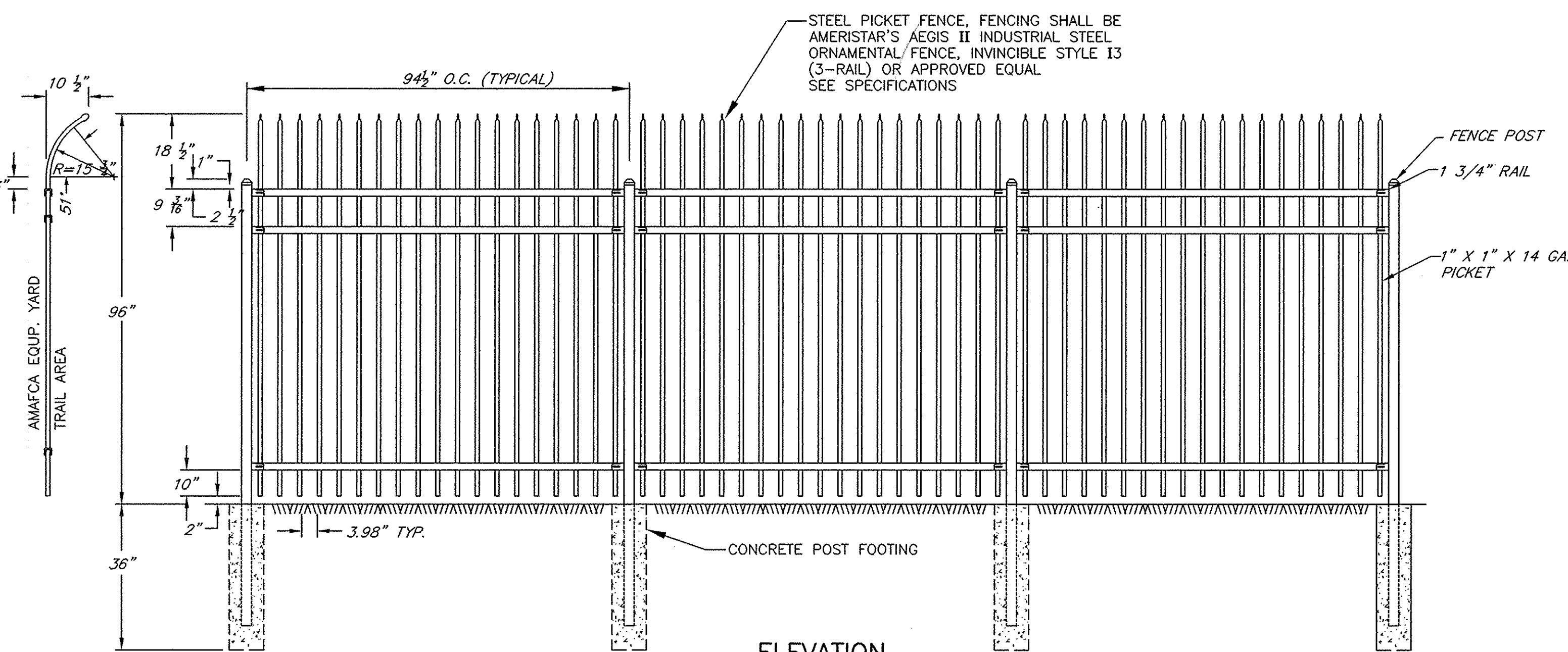
PIPE RAILING DETAIL
NO SCALE



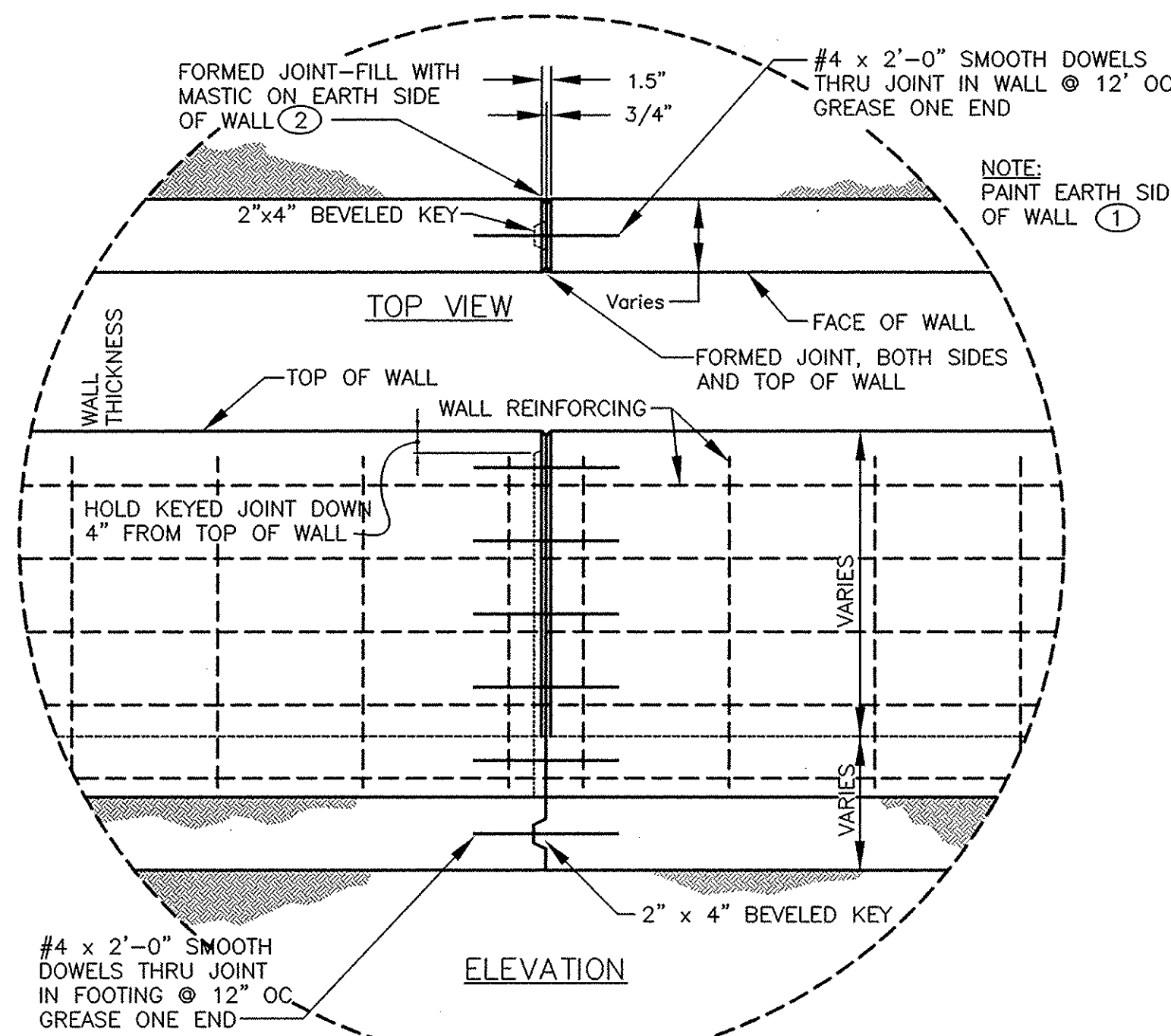
PIPE RAILING POST ANCHOR DETAILS
NO SCALE



GROUND ANCHOR FOR BEHIND CHANNEL
PIPE RAILING POST ANCHOR DETAILS
NO SCALE



ELEVATION
STEEL PICKET FENCE
SCALE: 1/2"=1'-0"



CONCRETE WALL CONSTRUCTION JOINT DETAIL
Scale: 1/2" = 1'-0"

PIPE RAILING NOTES:

- COPE AND WELD ALL JOINTS 100% AND GRIND SMOOTH.
- SADDLE CUT TOP OF POSTS AND BOTTOM RAIL ONLY (TYP). POST & TOP RAIL TO BE CONTINUOUS.
- PAINTING GALVANIZED STEEL PIPE RAIL: PAINT SHALL BE TNEPEC OAE.

PREPARATION: SSPC-SP1 SOLVENT CLEANING AND SSPC-SP7 BRUSH-OFF BLAST CLEANING TO ACHIEVE A UNIFORM 1.0-1.5 MIL PROFILE. SERIES 91 K 97 (GALV TOUCH-UP ONLY)-TNEPEC

b. SPOT PRIME COAT: i) DRY FILM THICKNESS: 2.5-3.5 MILS

c. FULL PRIME COAT: i) DRY FILM THICKNESS: 3.0-4.0 MILS

d. FULL FINISH COAT: i) DRY FILM THICKNESS: 2.5-5.0 MILS

e. TOTAL DRY FILM THICKNESS: 8.0-12.5 MILS

KEYED NOTES:

① APPLY WATERPROOF COATING TO EARTH SIDE OF WALL. MEL-ROL LM AS MFG'D BY WR MEADOWS OR APPROVED EQUAL.

② FILL EARTH SIDE OF CONSTRUCTION JOINT WITH MASTIC, POINTING MASTIC AS MFG'D BY WR MEADOWS OR APPROVED EQUAL.

RECORD DRAWING
DECEMBER 2008

"Notice of Extended Payment Provision. This contract requires the Owner to make payment within 45 days after submission of an undisputed request for payment."

LARKIN GROUP, INC.
8500 MANUEL NE, SUITE A-440
ALBUQUERQUE, NEW MEXICO 87112
(505) 276-7500, FAX (505) 276-0748
ENGINEER'S FILE NO. 2002-0016-04

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
TRANSPORTATION DIVISION

I-40/EMBUDO CHANNEL TRAIL
NORTH DIVERSION CHANNEL TO WASHINGTON STREET
NM PROJECT NO. TPE-7501(6) CN 3026
RETAINING WALL DETAILS
& PIPE RAILING DETAILS

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED JUN 08 2007 DESIGN REVIEW COMMITTEE	APPROVED JUN 08 2007 CITY ENGINEER		

Project No.	Zone Map No.	Sheet	of
678303	H-16,H-17	16	16

AS BUILT INFORMATION			
CONTRACTOR	A.S. Horner	DATE	04/08
INSPECTOR	C.O.A. J. J. J.	DATE	04/08
REVISIONS			
MICRO-FILM INFORMATION			
RECORDED BY		DATE	
RECORDED BY		DATE	