

GENERAL NOTES

1.

REFER TO DRAWINGS 53A AND 53B AND SPECIFICATION APPENDIX E FOR DETAILS DENOTED BY XXX TYP, AND MCWD STANDARD DETAILS. UNLESS DETAILED, SPECIFIED, OR OTHERWISE INDICATED ON THE DRAWINGS, CONSTRUCTION SHALL BE AS INDICATED IN THE APPLICABLE TYPICAL AND STANDARD DETAILS. THESE DETAILS SHALL APPLY, EVEN THOUGH NOT REFERENCED AT SPECIFIC LOCATIONS ON THE DRAWINGS.

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2.

TRENCH PAVING IN THE CITY OF MARINA SHALL BE A MINIMUM OF 6" AC OVER 8" AB OR MATCH THE EXISTING AC AND/OR AB THICKNESS IF THE EXISTING THICKNESS IS GREATER THAN THE MINIMUM.
3.

TRENCH PAVING ON CSUMB PROPERTY SHALL BE A MINIMUM OF 4" AC OVER 12" AB OR MATCH THE EXISTING AC AND/OR AB THICKNESS IF THE EXISTING THICKNESS IS GREATER THAN THE MINIMUM.

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4.

TRENCH PAVING ON GENERAL JIM MOORE BLVD SHALL BE A MINIMUM OF 4" AC OVER 12" AB OR MATCH THE EXISTING AC AND/OR AB THICKNESS IF THE EXISTING THICKNESS IS GREATER THAN THE MINIMUM.
5.

ON THE RECYCLED WATER PIPELINE DRAWINGS USE THE TOP OF PIPE IN THE PROFILES FOR DETERMINING INSTALLATION DEPTH.

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6.

WHERE TRENCH PAVING AND/OR OVERLAY PAVING IS REQUIRED, RAISE ALL EXISTING AND NEW VALVE CANS, MANHOLES, AND MONUMENTS TO GRADE.

STANDARD RECYCLED WATER NOTES

1. CONTRACTOR SHALL POTHOLE AND VERIFY VERTICAL AND HORIZONTAL LOCATIONS OF EXISTING UTILITIES AT LEAST 7 DAYS IN ADVANCE OF CONSTRUCTION OPERATIONS TO ALLOW FOR MINOR GRADE ADJUSTMENTS WITHOUT DELAYING INSTALLATION.
2. THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITIES OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS, SURVEY OF VISIBLE ABOVE GROUND SURFACE FEATURES AT THE TIME OF SURVEY, AND LIMITED POTHOLING AS SHOWN ON THE PLANS. THIS DOES NOT GUARANTEE THE ACCURACY, COMPLETENESS, LOCATION, OR THE EXISTENCE OR NON-EXISTENCE OF ANY UTILITY PIPE OR STRUCTURE WITHIN THE LIMITS OF THIS PROJECT, THE CONTRACTOR IS REQUIRED TO TAKE ALL DUE PRECAUTIONARY MEANS NECESSARY TO PROTECT THOSE UTILITY LINES NOT SHOWN ON THESE PLANS.
3. WATER, SEWER, AND GAS SERVICE LATERALS ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND PROTECTING ALL SERVICE LATERALS.
4. ALL SERVICE LATERALS DAMAGED OR BROKEN DURING CONSTRUCTION SHALL BE REPLACED IN KIND. SEWER AND WATER LATERAL REPAIRS SHALL CONFORM TO MCWD STD. DETAILS S-6, W-1 and W-2 RESPECTIVELY UNLESS DIRECTED OTHERWISE BY THE ENGINEER.
5. AN ENCROACHMENT PERMIT FROM THE APPLICABLE JURISDICTIONAL AGENCY IS REQUIRED PRIOR TO ANY WORK WITHIN PUBLIC RIGHT-OF-WAY. THE CONTRACTOR SHALL ADHERE TO ALL REQUIREMENTS OF ALL ENCROACHMENT PERMITS ISSUED.
6. ALL WORK WITHIN PRIVATE EASEMENTS SHALL BE PERFORMED IN ACCORDANCE WILL ALL CONDITIONS PROVIDED IN THE EASEMENT, RIGHT-OF-ENTRY, OR TEMPORARY PERMIT DOCUMENTS AS DESCRIBED IN SECTION 01140.
7. UNDER THE DIRECTION OF A SURVEYOR LICENSED IN THE STATE OF CALIFORNIA, THE CONTRACTOR SHALL RESET ALL MONUMENTATION DISTURBED OR REMOVED DURING CONSTRUCTION ACTIVITIES PER C040/TYP.

STANDARD RECYCLED WATER NOTES (CONT'D)

8. WHERE THE RECYCLED WATERLINE CROSSES EXISTING UTILITIES, THE RECYCLED WATERLINE SHALL BE INSTALLED A MINIMUM OF 12" VERTICALLY FROM THE EXISTING UTILITY. THE RECYCLED WATERLINE MUST CROSS BELOW EXISTING WATERLINES AND ABOVE EXISTING SANITARY SEWER LINES - SEE MCWD TYP DET W-16 FOR ADDITIONAL REQUIREMENTS.
9. CARVs ARE REQUIRED AT ALL HIGH POINTS IN PEPELINES. BLOW-OFFS ARE REQUIRED AT ALL LOW POINTS IN PIPELINES.

BASIS OF BEARINGS

BEARINGS SHOWN HEREON ARE GRID BEARINGS PER THE CALIFORNIA COORDINATE SYSTEM, NAD 83, ZONE 4 (EPOCH 2002.00), AS DETERMINED BY GPS OBSERVATIONS AND THE NATIONAL GEODETIC SURVEY'S (NGS) ONLINE POSITIONING USER SERVICE (OPUS). ALL DISTANCES ARE GRID DISTANCES. AERIAL TOPOGRAPHY FLOWN AUGUST-SEPTEMBER 2006.

BENCHMARK:
ELEVATIONS SHOWN HEREON ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88). A PUBLISHED NAVD 88 ELEVATION OF 145.94 FEET FOR THE NGS BENCHMARK "L 813 RESET" (PID GU2130) WAS HELD AS THE PRIMARY VERTICAL BENCHMARK FOR THE PROJECT.

TURNOUT SCHEDULE

STATION	LOCATION	CONNNECTION TYPE	CONNECTION DIAMETER
119+89.00	ARMSTRONG RANCH NEAR CRESCENT AVE	FILL STATION	
120+69.49	ARMSTRONG RANCH AND CRESCENT AVE	CROSS	24
120+69.49	ARMSTRONG RANCH AND CRESCENT AVE	CROSS	24
146+54.66	CRESCENT AVE AND RESERVATION ROAD	TEE	8
167+61.87	CARMEL AVE AND VAUGHN AVE	CROSS	12
174+88.57	VAUGHN AVE AND HILLCREST AVE	TEE	12
212+26.35	CALIFORNIA AVE AND PATTON PARKWAY	TEE	6
225+18.56	CALIFORNIA AVE AND FUTURE 3RD AVE	CROSS	16
225+18.56	CALIFORNIA AVE AND FUTURE 3RD AVE	CROSS	16
225+42.00	CALIFORNIA AVE AND 3RD AVE	FILL STATION	
239+79.91	CALIFORNIA AVE AND IMJIM PKWY	TEE	12
256+47.09	5TH AVE AND 9TH STREET	TEE	12
256+85.00	5TH AVE AND 9TH STREET	FILL STATION	
270+13.46	5TH AVE IN CSUMB	TEE	6
271+74.16	5TH AVE IN CSUMB	TEE	6
273+07.70	5TH AVE IN CSUMB	TEE	6
277+64.35	5TH AVE IN CSUMB	TEE	6
279+21.33	5TH AVE AND 3RD STREET	TEE	24
279+33.31	5TH AVE AND 3RD STREET	TEE	24
283+36.51	5TH AVE AND 3RD STREET	TEE	6
309+20.16	CSUMB PROPERTY	TEE	6
326+67.76	ENGINEER ROAD AND ENGINEERING LANE	TEE	6
334+88.81	ENGINEER ROAD AND GENERAL JIM MOORE BLVD	TEE	6
343+60.31	GENERAL JIM MOORE BLVD AND LIGHTFIGHTER DRIVE	TEE	6
346+58.70	GENERAL JIM MOORE BLVD AND LIGHTFIGHTER DRIVE	TEE	6
346+63.12	GENERAL JIM MOORE BLVD AND LIGHTFIGHTER DRIVE	TEE	6
347+56.05	GENERAL JIM MOORE BLVD AND LIGHTFIGHTER DRIVE	CROSS	12
347+56.05	GENERAL JIM MOORE BLVD AND LIGHTFIGHTER DRIVE	CROSS	8
362+33.25	GENERAL JIM MOORE BLVD AND GIGLING ROAD	CROSS	16
362+33.25	GENERAL JIM MOORE BLVD AND GIGLING ROAD	CROSS	16
389+03.84	GENERAL JIM MOORE BLVD AND NORMANDY ROAD	CROSS	12
A15+60.19	NORMANDY ROAD	TEE	12

POTHOLING SCHEDULE
(POTHOLING PERFORMED IN 2007)

POTHOLE #	LOCATION	AC THICKNESS	CONCRETE	TYPE	SIZE	MATERIAL	DEPTH	COMMENTS
1	3239 CRESCENT AVE	3"		GAS	1/2"	PLASTIC	40-1/2"	12" SE OF FACE OF DRIVEWAY AT 3239 CRESCENT AVE
				ELEC	2"	PLASTIC	41"	
				TV	1"	PLASTIC	40-1/2"	
				WATER	12"	PLASTIC	42"	
2	CRESCENT AVE & QUEBRADA DEL MAR RD	4"		TV	2"	PLASTIC	37-1/2"	EXCAVATED 12' SE FROM FACE OF CURB ALIGNMENT
3	CRESCENT AVE & QUEBRADA DEL MAR RD	3"		CONDUIT	2"	PLASTIC	37-1/2"	EXCAVATED 12' SE FROM FACE OF CURB ALIGNMENT
				GAS	2"	PLASTIC	35"	
				WATER	12"	PLASTIC	43"	
4	CRESCENT AVE & COSTA DEL MAR RD	3"		GAS	2"	PLASTIC	44"	56' NW OF STOP LINE AT COSTA DEL MAR RD
5	CRESCENT AVE & COSTA DEL MAR RD	3"		ELEC	1"	PLASTIC	45"	19' SE OF STOP LINE AT COSTA DEL MAR RD
				GAS	2"	PLASTIC	32"	
				WATER	12"	PLASTIC	96"	
6	CRESCENT AVE & SIERENA DEL MAR RD	4"		GAS	2"	PLASTIC	32"	EXCAVATED 12' SE FROM FACE OF CURB ALIGNMENT
6-A	CRESCENT AVE & SIERENA DEL MAR RD	4"		WATER	12"	PLASTIC	96"	66' NW OF STOP LINE AT SIERENA DEL MAR RD
7	CRESCENT AVE	4"		GAS	4"	PLASTIC	42"	6' SE FROM FACE OF CURB ON CRESCENT AVE
8	3183 CRESCENT AVE & TALLMON ST	3"		GAS	2"	STEEL	37-1/2"	22' SE FROM FACE OF CURB AT 3183 CRESCENT AVE
13	CRESCENT AVE & SHULER CIRCLE	3"		GAS	6"	STEEL	32"	58' NW OF FACE OF CURB AT 3170 CRESCENT AVE
				GAS	2"	STEEL	32"	
				GAS	2"	STEEL	33"	
14	CRESCENT AVE & SHULER CIRCLE	3"		GAS	2"	STEEL	33"	EXCAVATED TO A DEPTH OF 10' AND NO WATER LINE FOUND. 41' NW OF FACE OF CURB AT 3170 CRESCENT AVE
15	CRESCENT AVE & RESERVATION RD	5"		GAS	4"	PLASTIC	44-1/2"	8' SW OF STOP LINE AT CRESCENT AVE
15-A	CRESCENT AVE & RESERVATION RD	5"	5"					EXCAVATED TO A DEPTH OF 13'-2". 13' SW OF STOP LINE AT CRESCENT AVE
16	CRESCENT AVE & RESERVATION RD	5"		TELE	3"	PLASTIC	35"	30-1/2' SW OF STOP LINE AT CRESCENT AVE
17	CRESCENT AVE & RESERVATION RD	5"		GAS	6"	STEEL	32"	37' NE OF FACE OF ISLAND ON CRESCENT AVE
18	CRESCENT AVE & RESERVATION RD							CLEARED BY PG&E NO ELECTRIC UNDERGROUND. ELECTRIC OVERHEAD
19	CRESCENT AVE	3"		GAS	2"	STEEL	71"	137" NW FROM FACE OF CURB AT LIGHT POLE ON CRESCENT AVE
				GAS	3/4"	STEEL	66"	12' NW FROM FACE OF CURB AT LIGHT POLE ON CRESCENT AVE
21	CRESCENT AVE	3"		GAS			DRY	DRY HOLE AT AN EXCAVATION DEPTH OF 8'. 30" NORTHWEST FROM FACE OF CURB ON CRESCENT. CALLED PG&E ABOUT UTILITY NOT LOCATED. THEY WILL SEND SOMEONE TO LOCATE.
21-A	CRESCENT AVE	3"		GAS	2"	STEEL	52"	RE-MARKED BY PG&E AND FOUND 2" GAS. 41" NW FROM FACE OF CURB ON CRESCENT AVE
22	CRESCENT AVE & CARMEL AVE	5"		TELE CONDUIT		PLASTIC	62"	12' NW FROM CENTER OF TELEPHONE MAN HOLE ON CARMEL AT CRESCENT AVE
				WATER				WATER LINE NOT FOUND AT AN EXCAVATION DEPTH OF 9'. FOUND CONCRETE ENCASEMENT CONDUITS AND NO WATER LOCATED UNDER ENCASEMENT
23	CRESCENT AVE & CARMEL AVE	5"		GAS	2"	STEEL	48"	21' NW FROM CENTER OF TELEPHONE MAN HOLE ON CARMEL AVE AT CRESCENT AVE
24	CRESCENT AVE & CARMEL AVE	5"		GAS	2"	STEEL	47"	135" NE FROM CENTER OF TELEPHONE MAN HOLE ON CARMEL AVE AT CRESCENT AVE
25	335 CARMEL AVE & VAUGHN AVE	5"		GAS	2"	STEEL	49"	13' SW OF FACE OF CURB AT 335 CARMEL AVE
26	335 CARMEL AVE & VAUGHN AVE	5"		3-4" CONDUITS	3-4"	PLASTIC	41 - 1/2"	36' SW FROM EDGE OF CURB AT 335 CARMEL AVE
27	335 CARMEL AVE & VAUGHN AVE	4"		WATER	8"	TRANSITE	39"	44' SW OF EDGE OF DRIVEWAY AT 335 CARMEL AVE
28	VAUGHN AVE & EVERETT AVE	3"		GAS	2"	STEEL	41"	13' SE OF FACE OF CURB AT 3069 VAUGHN AVE
29	VAUGHN AVE & HILLCREST AVE	3"		GAS	2"	STEEL	30"	27' SW OF STOP LINE AT VAUGHN AVE
30	VAUGHN AVE & HILLCREST AVE	4"		WATER	8"	TRANSITE	32 1/2"	18' SW FROM MAN HOLE ON VAUGHN AVE
31	334 REINDOLLAR AVE & VAUGHN AVE	3"		GAS	2"	STEEL	35"	35' NE FROM EDGE OF DRIVEWAY AT 334 REINDOLLAR AVE
32	336 REINDOLLAR AVE & VAUGHN AVE	3"		WATER	6"	TRANSITE	40"	29' NE FROM FACE OF CURB AT 336 REINDOLLAR AVE
33	338 REINDOLLAR AVE	3"		GAS	2"	STEEL	35"	43" SW FROM FACE OF CURB AT 338 REINDOLLAR AVE
				GAS	3/4"	STEEL	35"	

POTHOLES ARE DENOTED ON PLAN WITH X

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06/20/17

JPM

CHANGED PER ADDENDUM 3

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06/19/17

JPM

CHANGED PER ADDENDUM 2

△

05/19/17

JPM

CHANGED PER ADDENDUM 1

REV

DATE

BY

DESCRIPTION

DESIGNED

AP

DRAWN

LGD

CHECKED

DATE

MAY 2017

DISCIPLINE ENGINEER

PROJECT ENGINEER

Digitally signed by Jonathon P. Marshall
Contact Info: Carollo Engineers, Inc.
Date: 2017.06.21 10:10:03-0700'

PROJECT MANAGER

REGISTERED PROFESSIONAL ENGINEER
No. 73265
CIVIL
STATE OF CALIFORNIA

carollo

Engineers...Working Wonders With Water™

MARINA COAST

WATER DISTRICT

Marina Coast Water District

REGIONAL URBAN WATER AUGMENTATION PROJECT

RECYCLED WATER PIPELINE

CIVIL

GENERAL NOTES - 1

VERIFY SCALES

BAR IS ONE INCH ON ORIGINAL DRAWING

0 1"

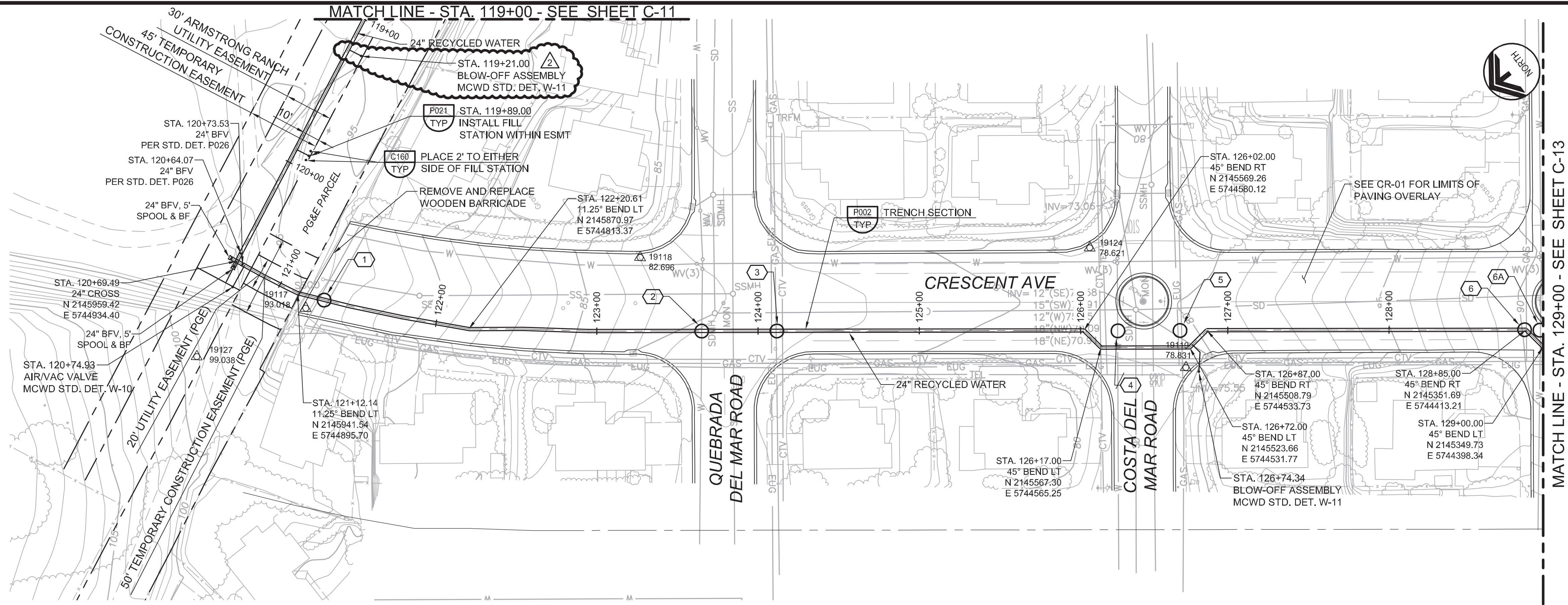
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

JOB NO.
7568A.10

DRAWING NO.
G-02

SHEET NO.
2 OF 93

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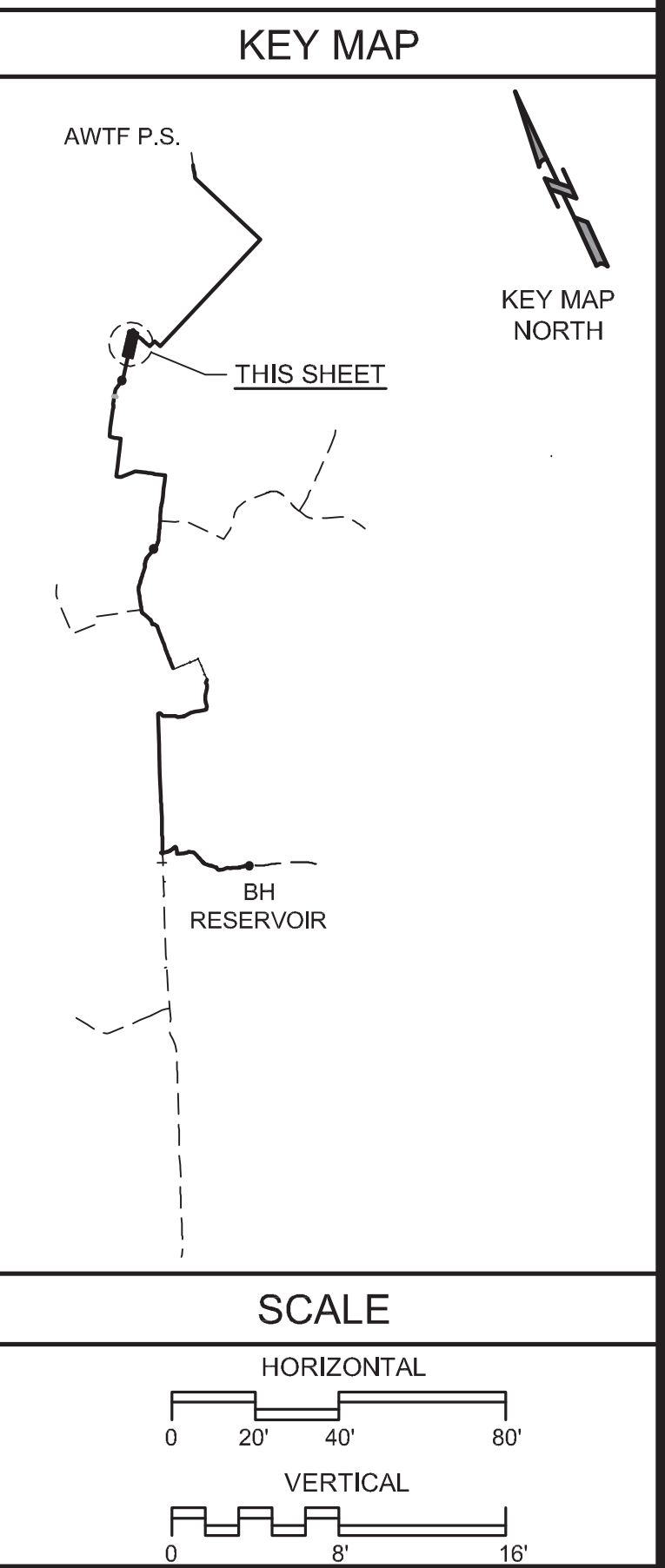
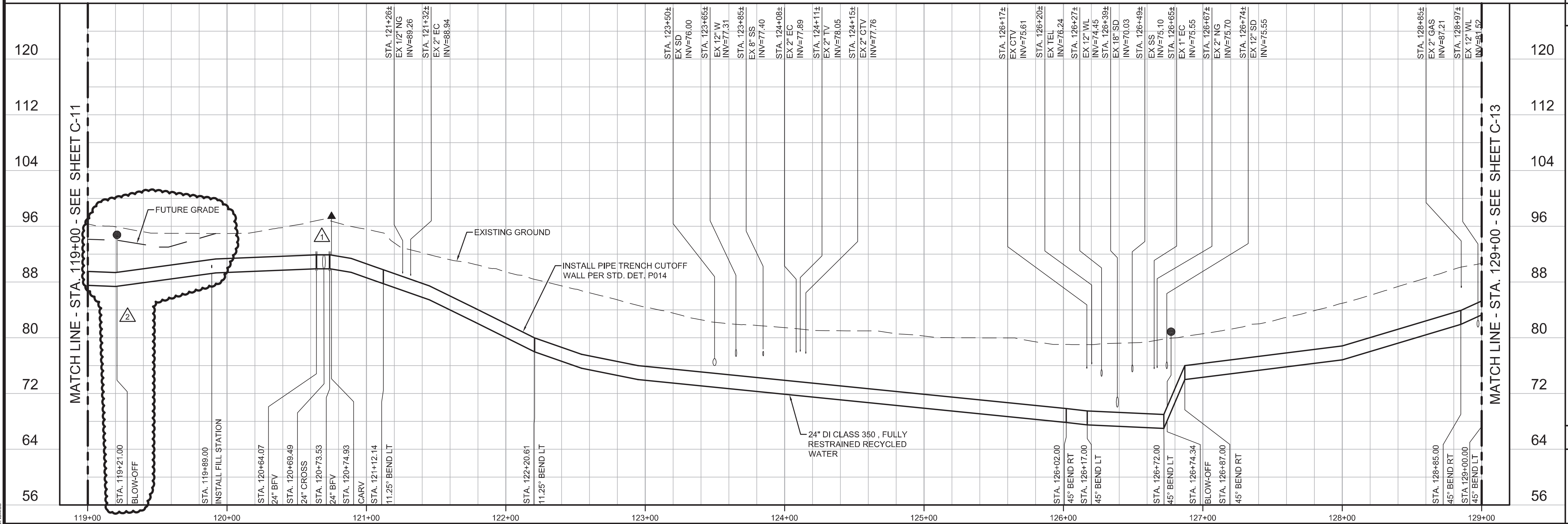
- ### GENERAL NOTES
- CONSTRUCT PIPELINE WITH A MINIMUM 4' OF COVER UNLESS SHOWN OTHERWISE IN THE PROFILE TO AVOID EXISTING UTILITIES OR ACCOMMODATE FUTURE GRADES.
 - ANY CONSTRUCTION ACTIVITIES WHICH IMPACT PARKWAYS SHALL BE CONDUCTED TO MINIMIZE DISTURBANCE TO ADJACENT PROPERTY OWNERS. ANY AREAS IMPACTED SHALL BE PHOTOGRAPHED PRIOR TO CONSTRUCTION, AND RESTORED TO THEIR PRE-CONSTRUCTION CONDITION PRIOR TO CONTRACTOR DEMOBILIZATION.

AVOID CUTTING UNDERGROUND UTILITY LINES. IT'S COSTLY.

Call
before you
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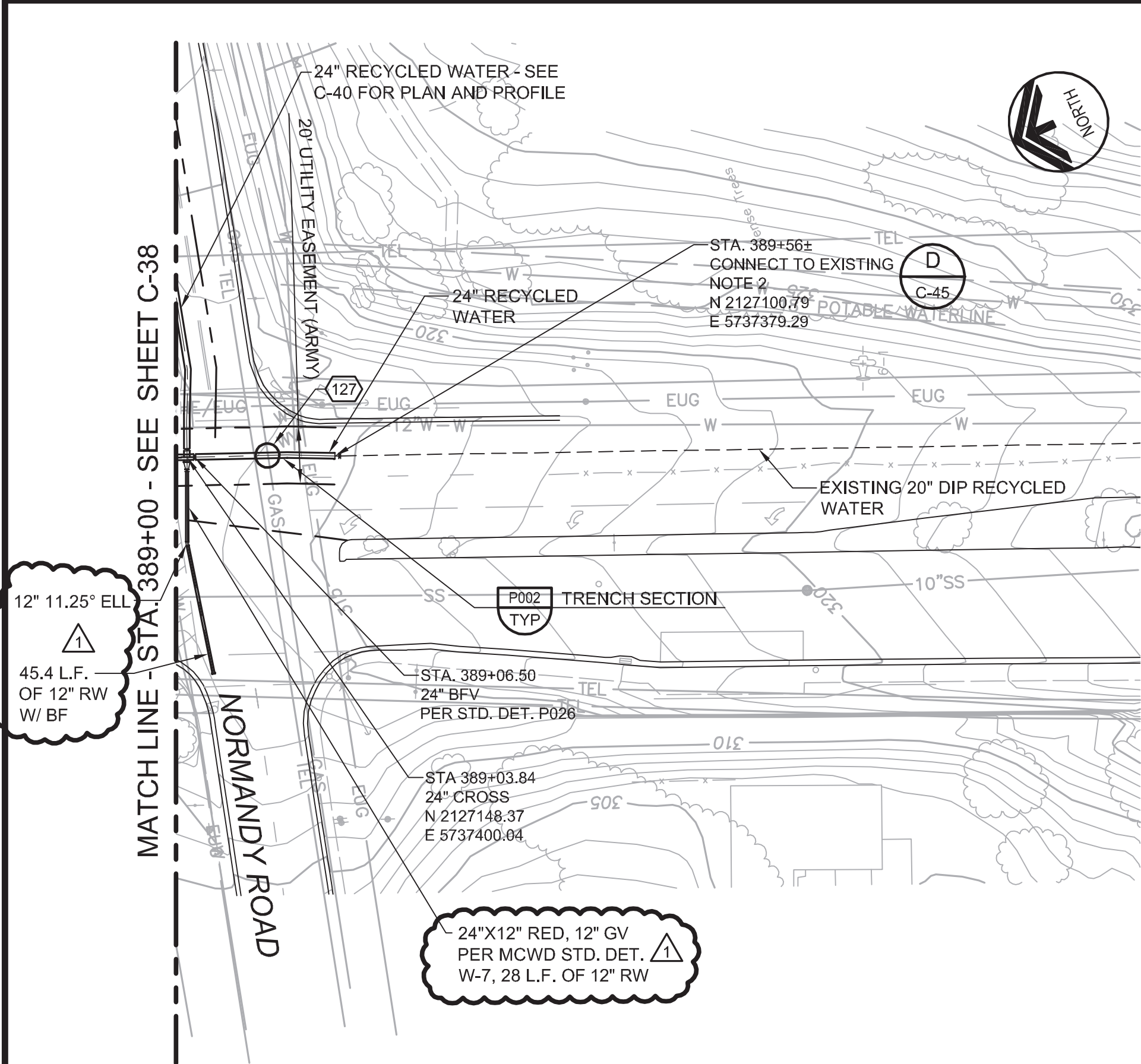
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UNDERGROUND SERVICE (USA)



				DESIGNED JPM	DISCIPLINE ENGINEER	PROJECT ENGINEER Digitally signed by Jonathon P. Marshall Contact Info: Carollo Engineers, Inc. Date: 2017.06.21 10:10:24-0700'	PROJECT MANAGER 	 carollo Engineers...Working Wonders With Water™	 Marina Coast Water District	REGIONAL URBAN WATER AUGMENTATION PROJECT		VERIFY SCALES BAR IS ONE INCH ON ORIGINAL DRAWING 0  1" IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	JOB NO. 7568A.10
				DRAWN BH						DRAWING NO. C-12			
				CHECKED AP									
				DATE MAY 2017									
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GENERAL NOTES

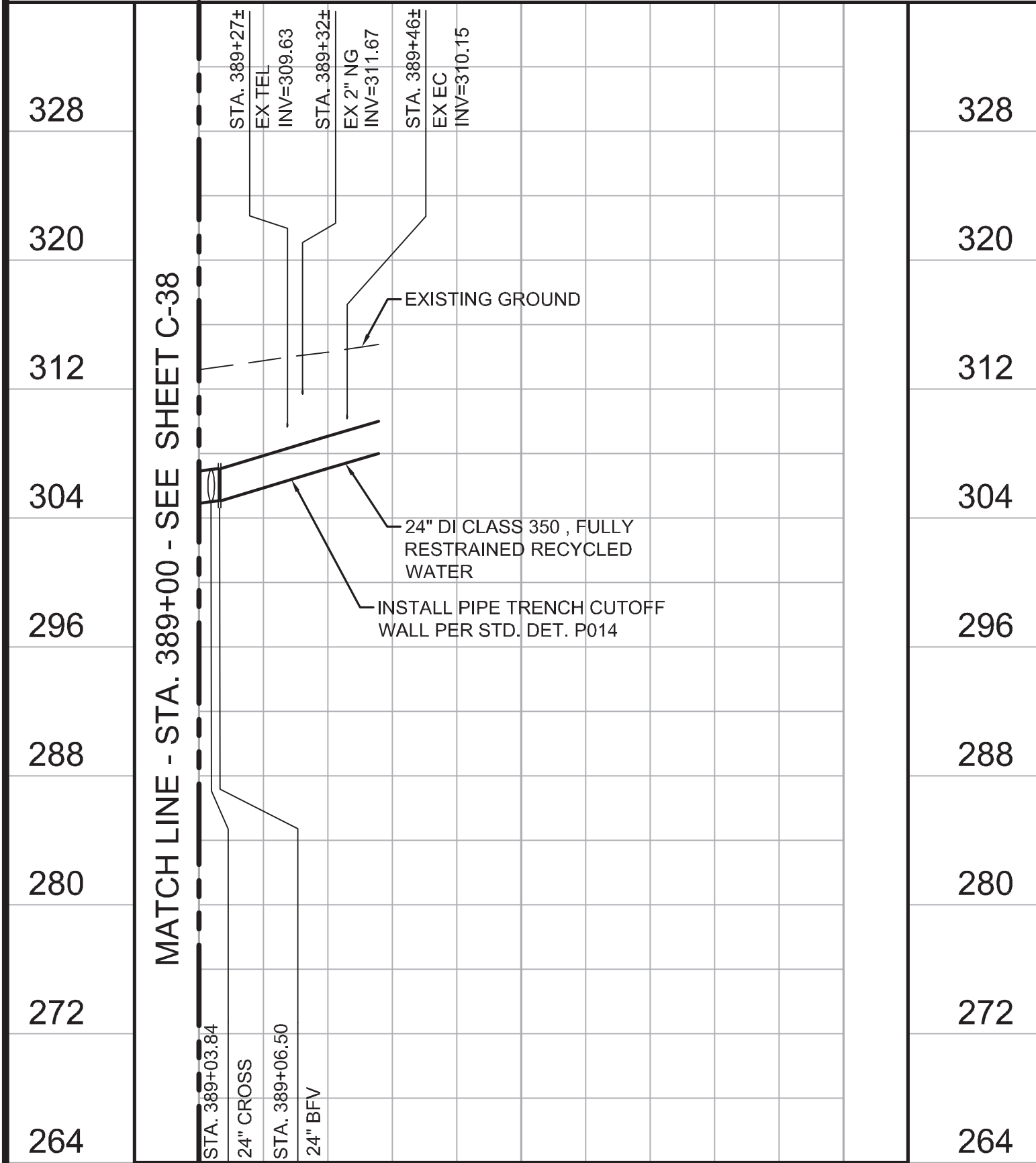
1. CONSTRUCT PIPELINE WITH A MINIMUM 4' OF COVER UNLESS SHOWN OTHERWISE IN THE PROFILE TO AVOID EXISTING UTILITIES OR ACCOMMODATE FUTURE GRADES.
2. CONTRACTOR SHALL FIELD VERIFY SIZE AND LOCATION OF EXISTING RW TERMINATION PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER IF THERE ARE DISCREPANCIES.
3. FROM STA. 347+30± TO STA. 389+56± TEMPORARY CONSTRUCTION EASEMENT SHALL BE FROM EDGE OF PAVEMENT TO MEDIAN IN NORTHBOUND LANES.

AVOID CUTTING UNDERGROUND UTILITY LINES. IT'S COSTLY.

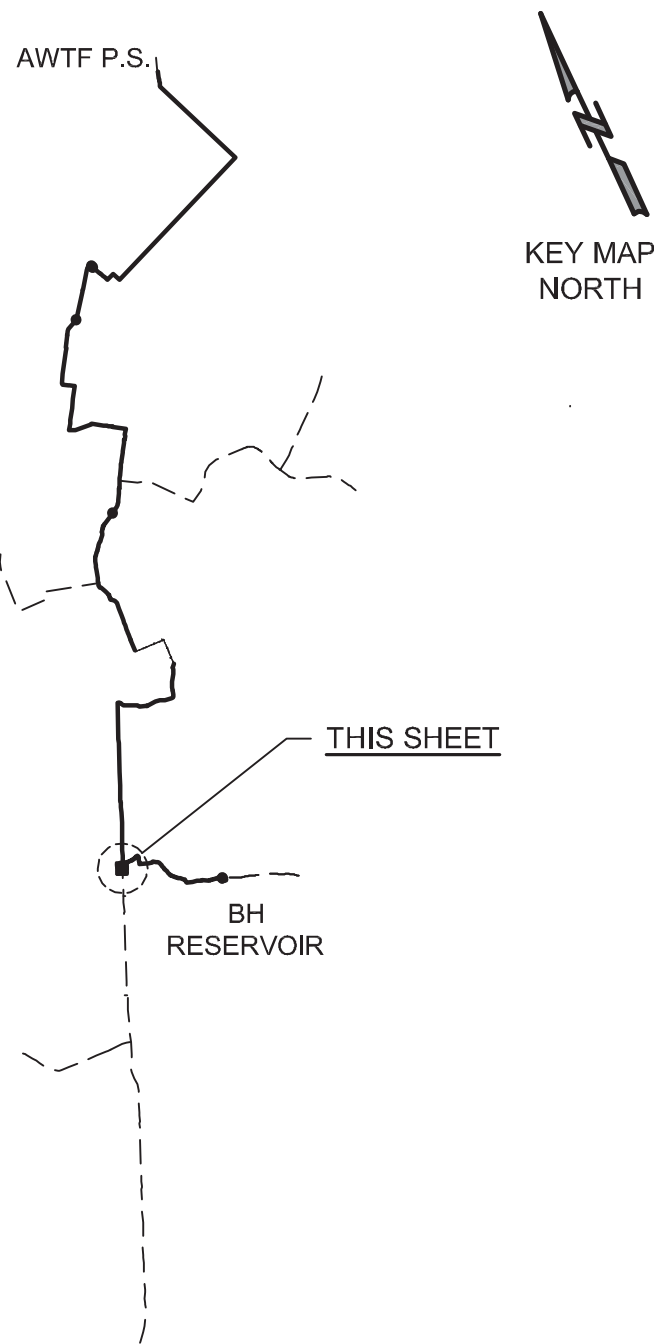
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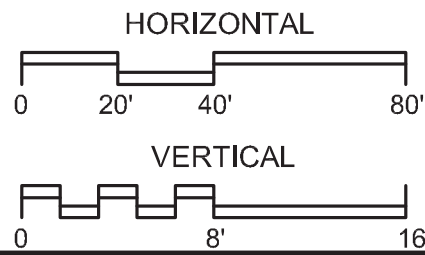
UNDERGROUND SERVICE (USA)



KEY MAP



SCALE



REV	DATE	BY	DESCRIPTION
1	06/20/17	JPM	CHANGED PER ADDENDUM 3

DESIGNED	JPM
DRAWN	BH
CHECKED	AP
DATE	MAY 2017

PROJECT ENGINEER	DISCIPLINE ENGINEER
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Digitally signed by Jonathon P. Marshall
Contact Info: Carollo Engineers, Inc.
Date: 2017.06.21 10:10:55-0700'

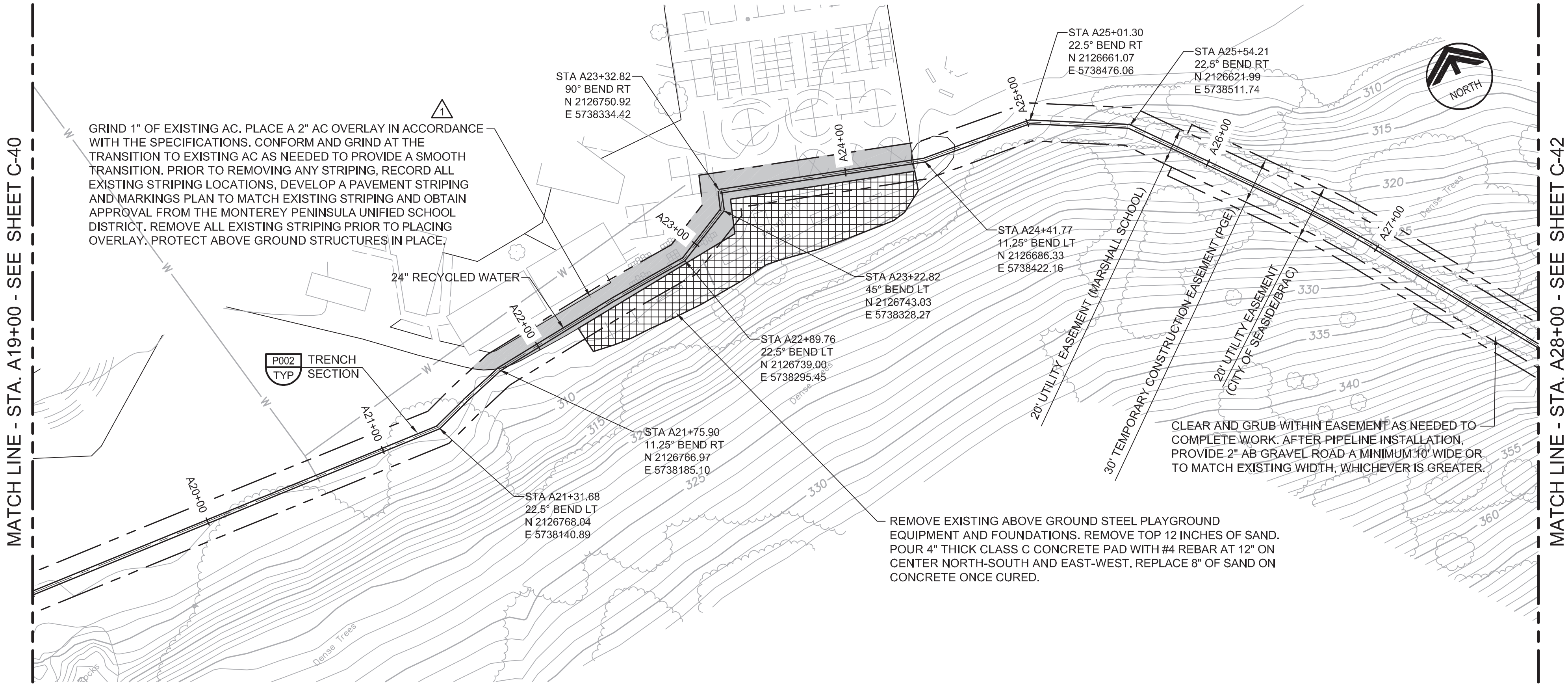


Marina Coast Water District

REGIONAL URBAN WATER AUGMENTATION PROJECT
RECYCLED WATER PIPELINE
CIVIL
PLAN AND PROFILE
STA. 389+00 TO STA. 389+56±

VERIFY SCALES
BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

JOB NO. 7568A.10
DRAWING NO. C-39
SHEET NO. 47 OF 93



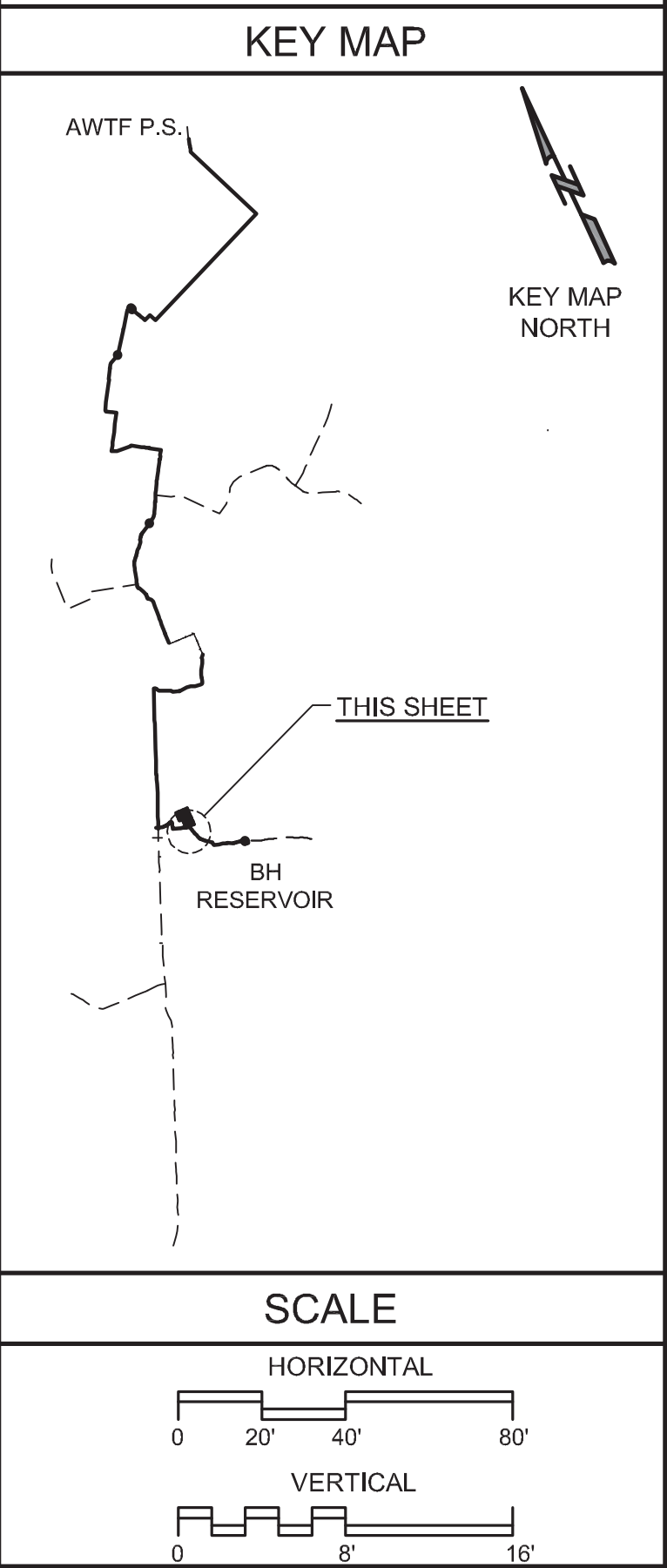
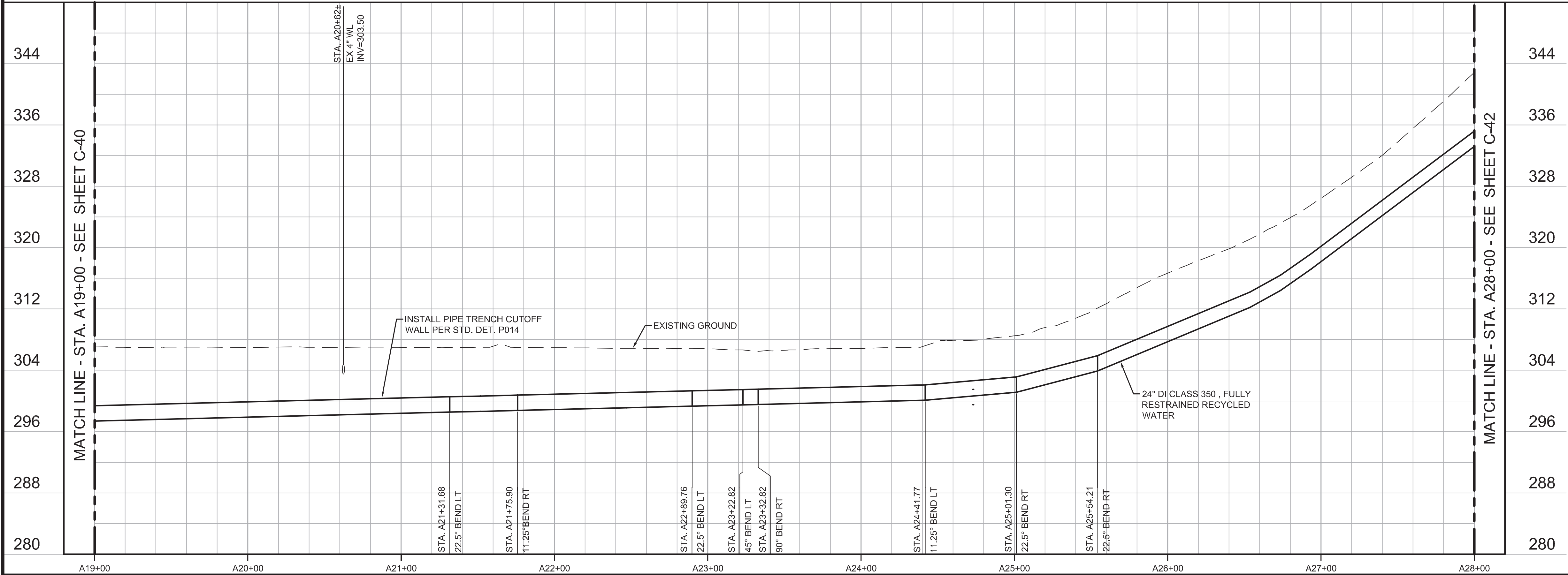
- GENERAL NOTES
1. CONSTRUCT PIPELINE WITH A MINIMUM 4" OF COVER UNLESS SHOWN OTHERWISE IN THE PROFILE TO AVOID EXISTING UTILITIES OR ACCOMMODATE FUTURE GRADES.
 2. REPLACE FENCES, FIELDS, AND TURF WHERE IMPACTED BY CONSTRUCTION.

AVOID CUTTING UNDERGROUND UTILITY LINES. IT'S COSTLY.

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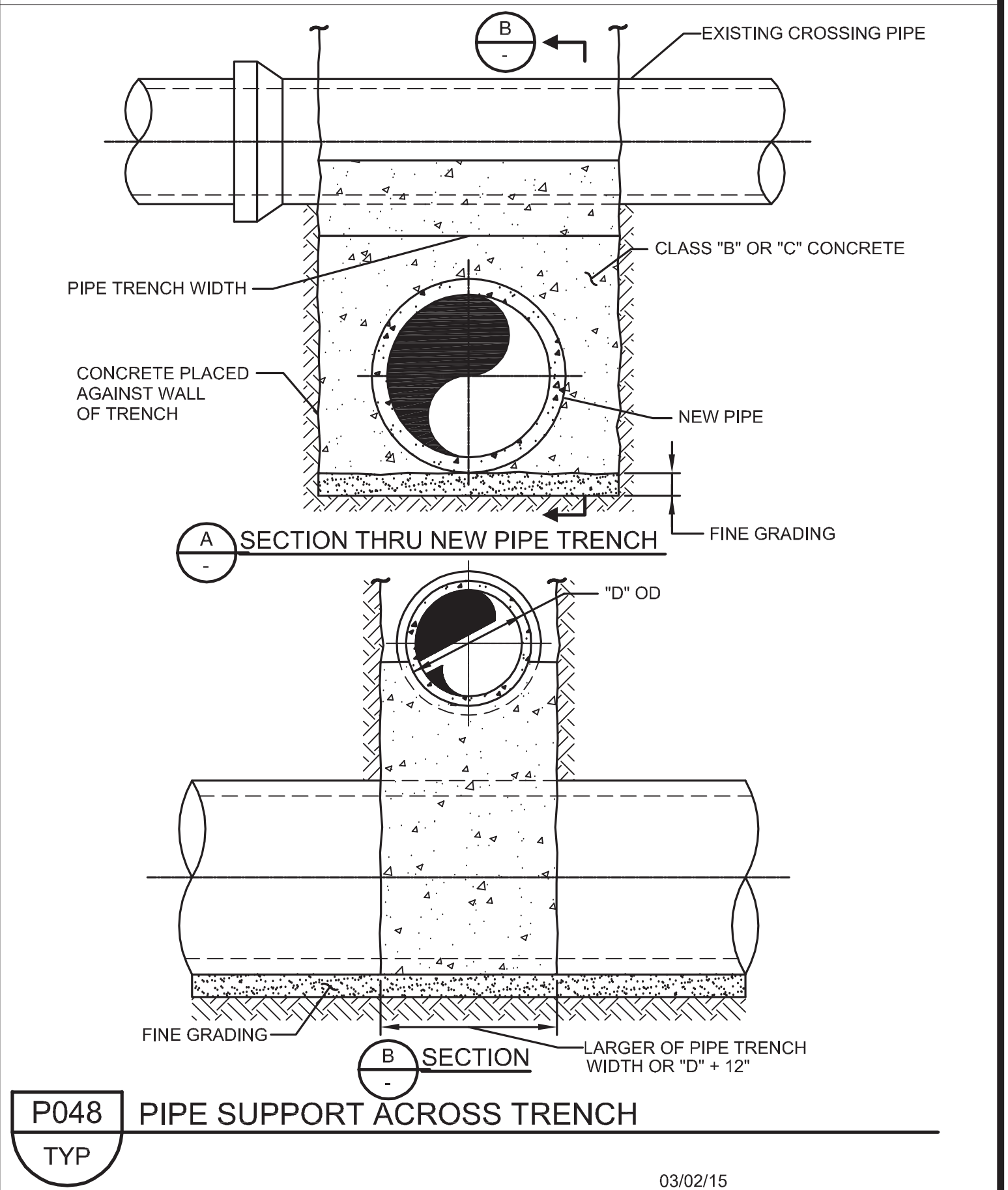
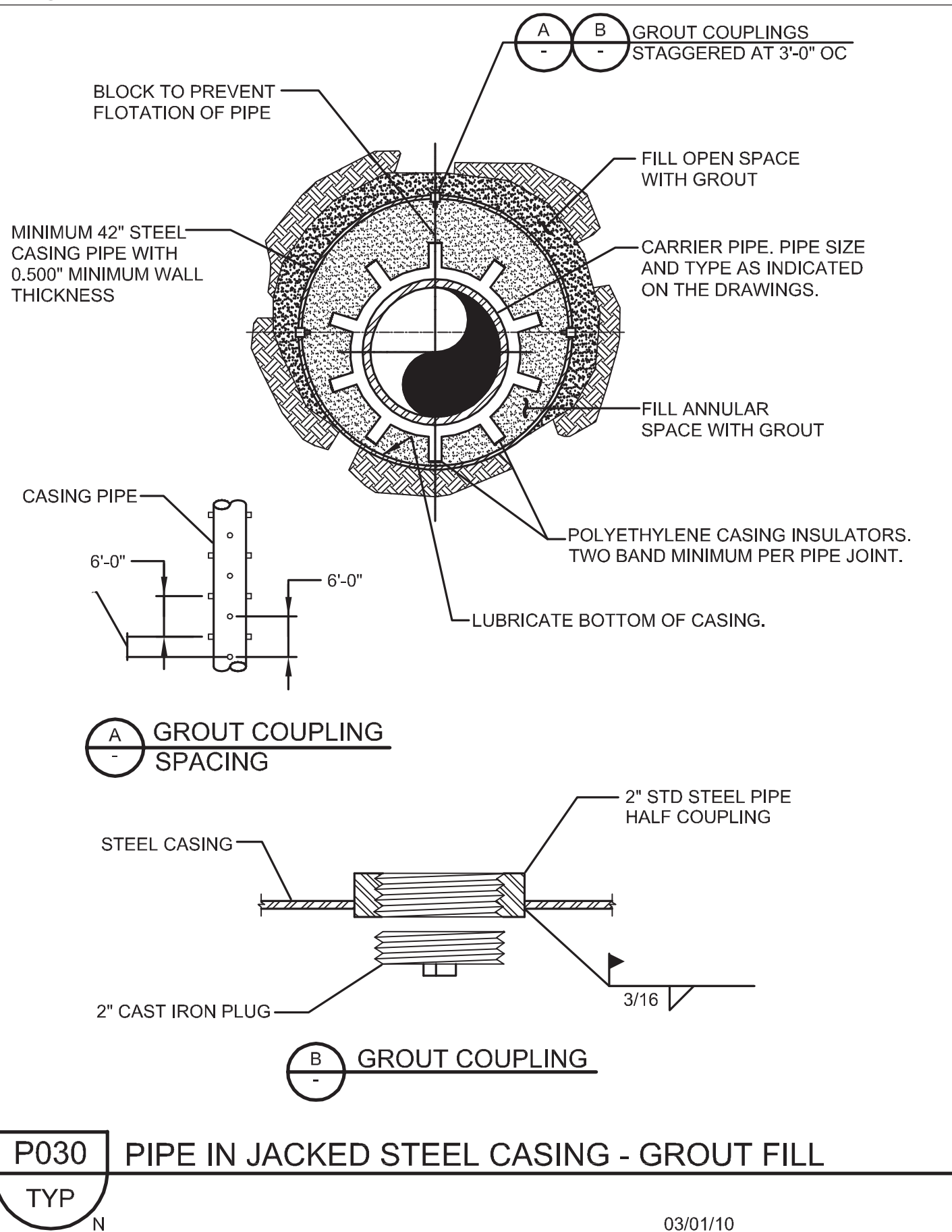
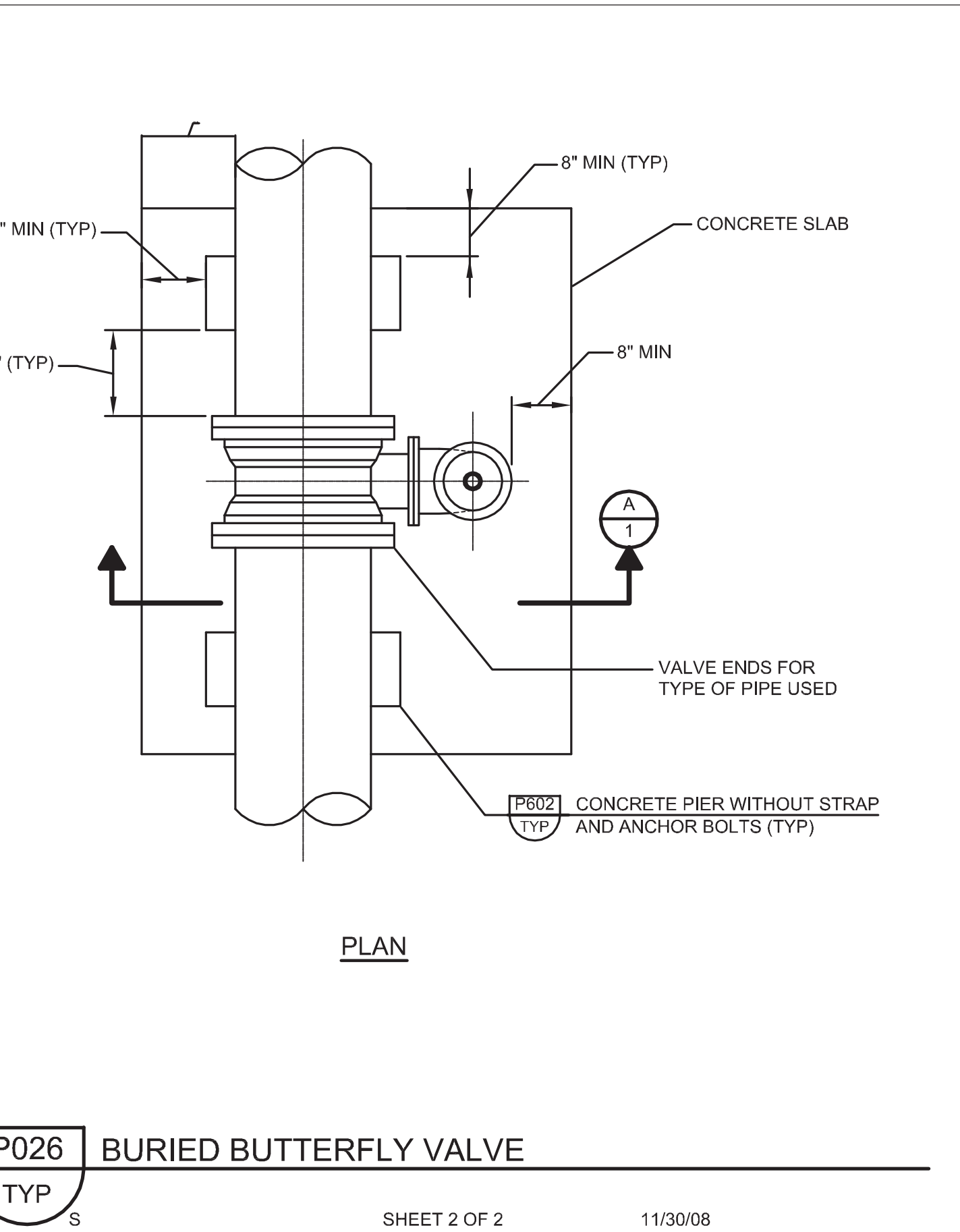
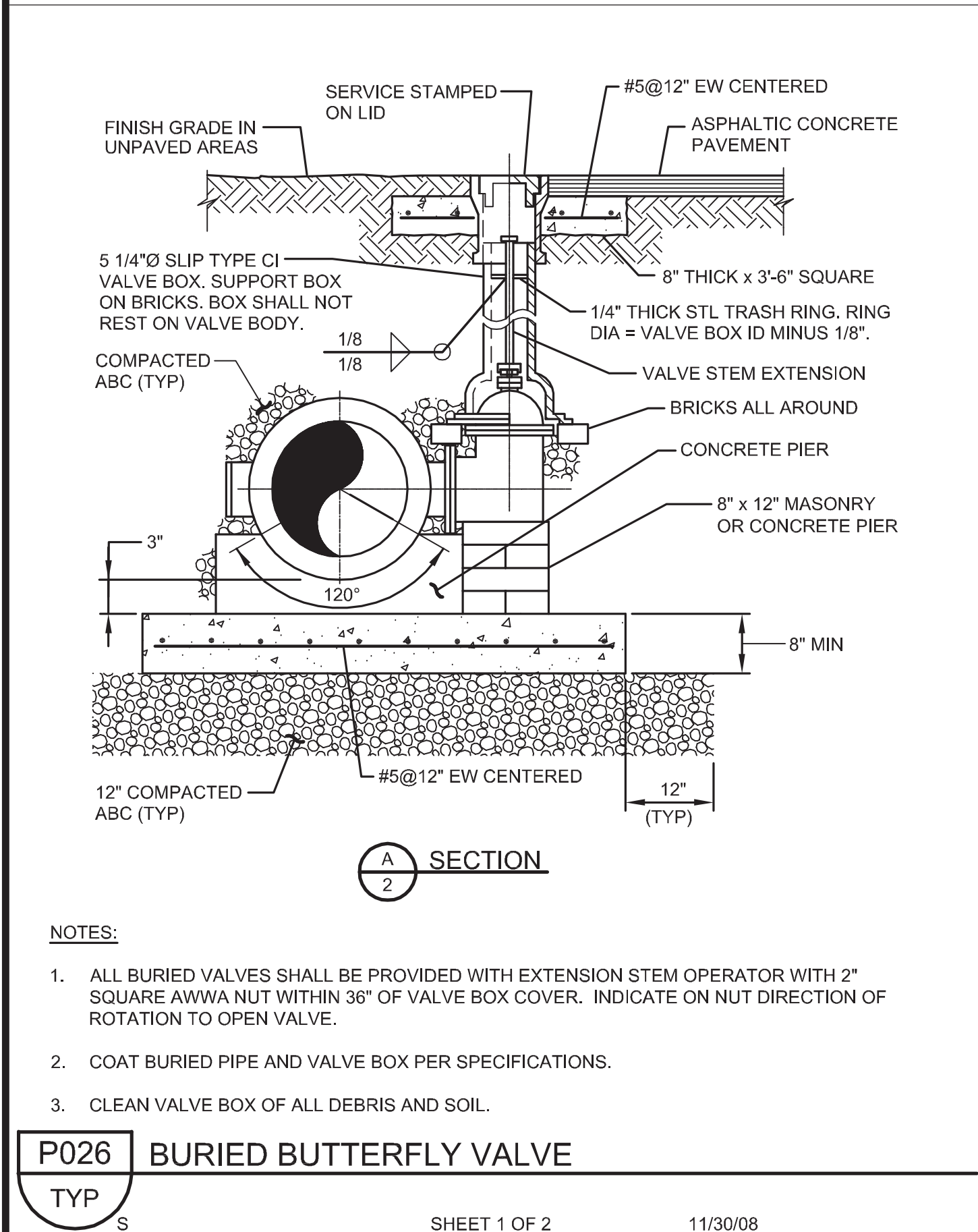
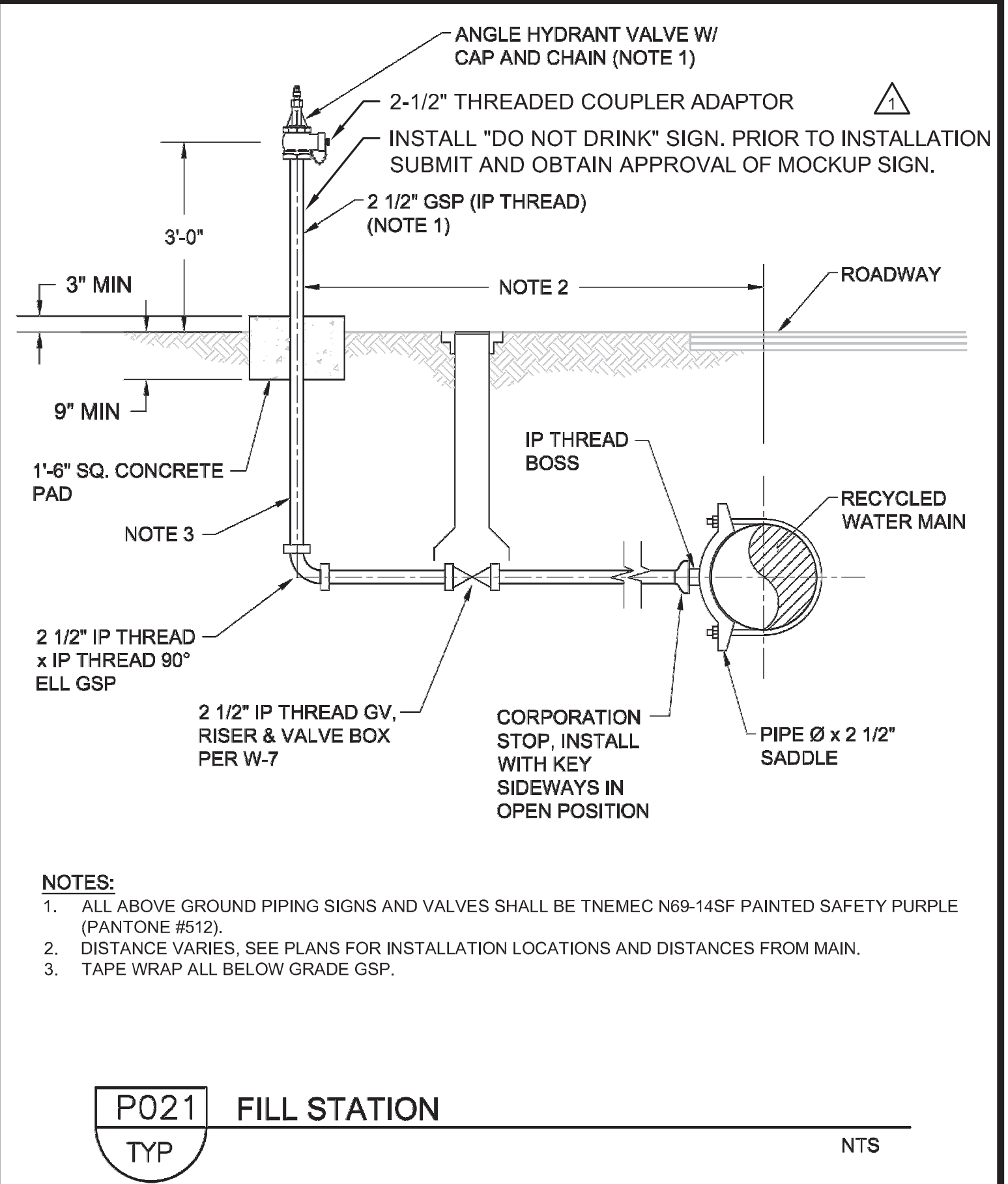
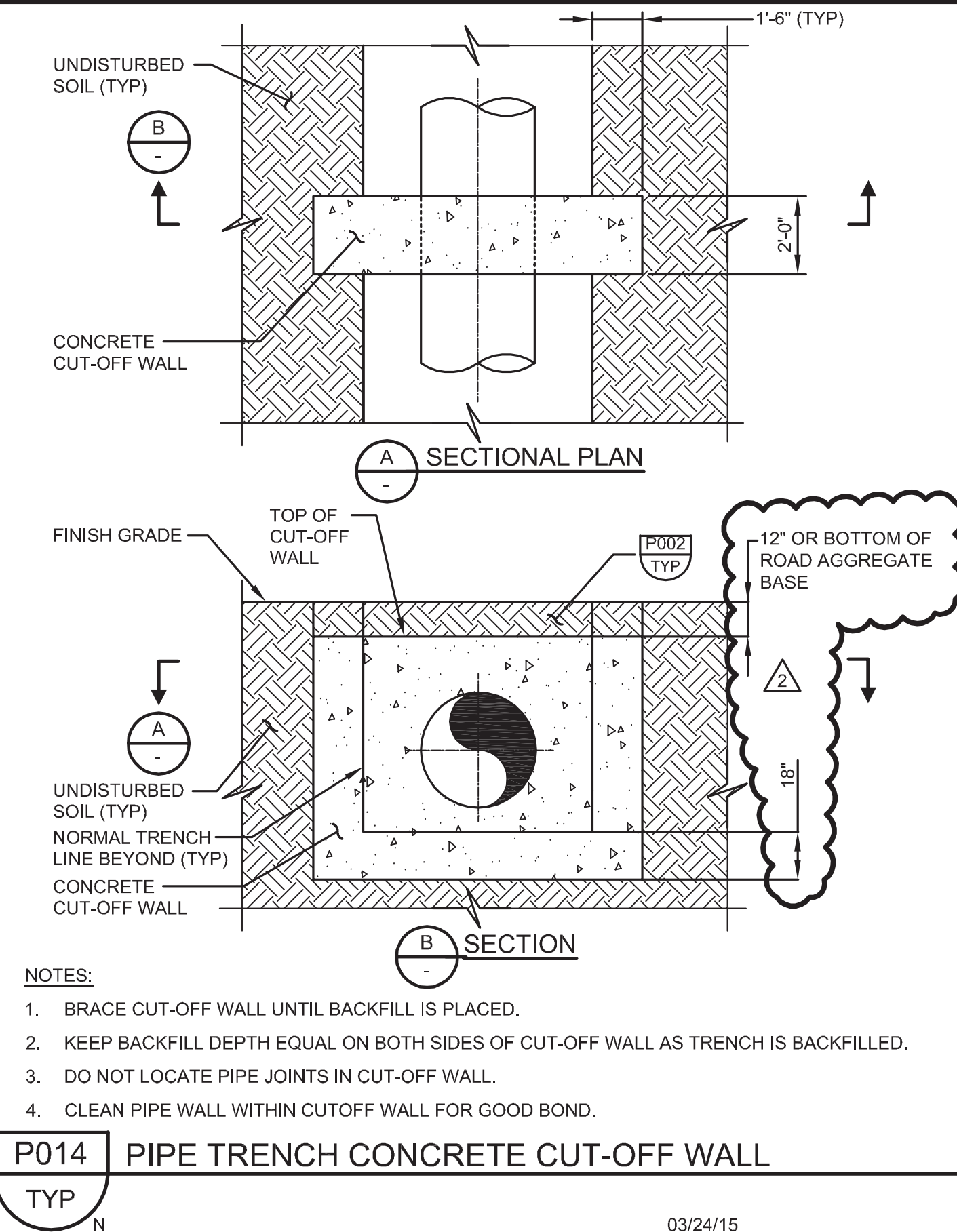
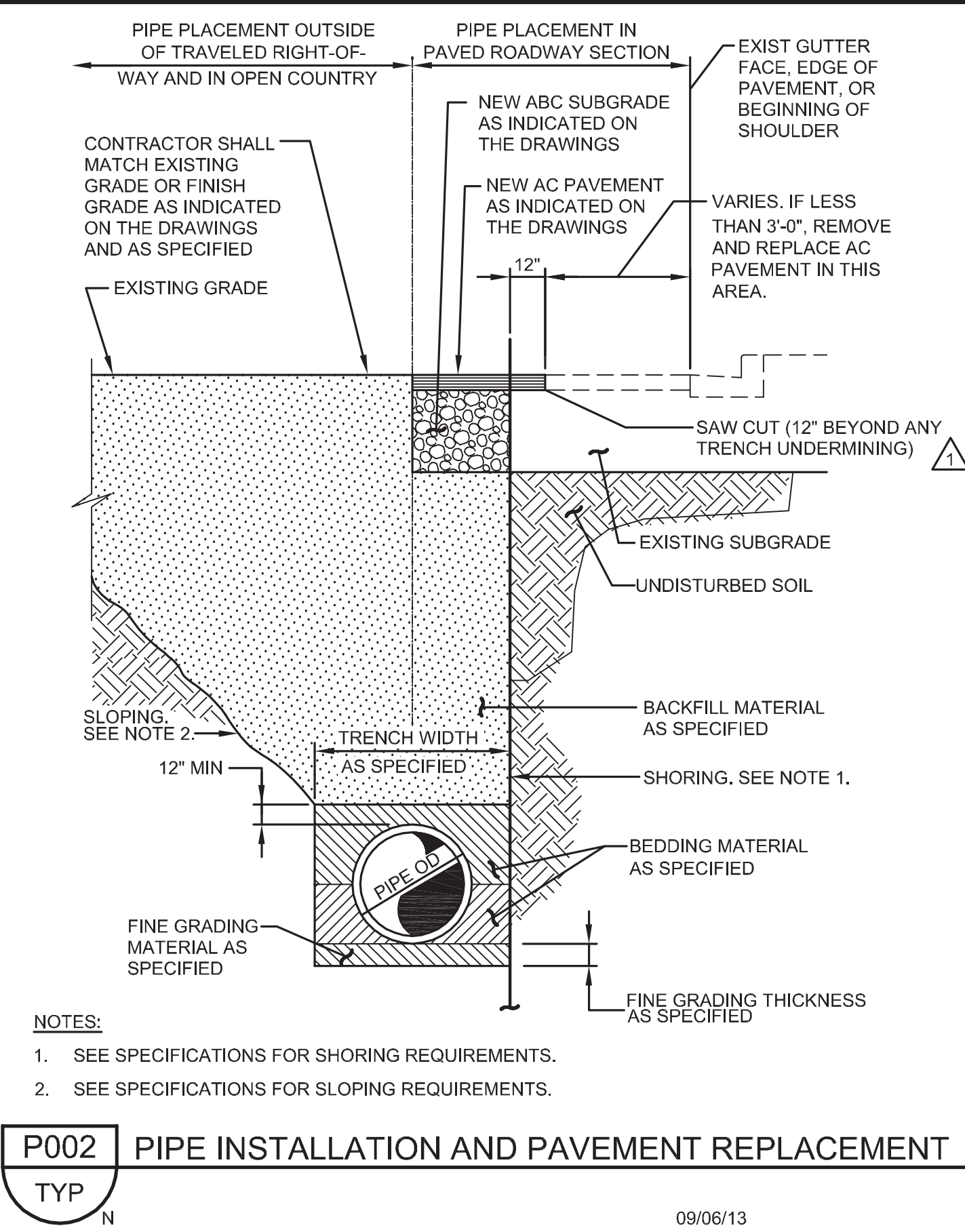
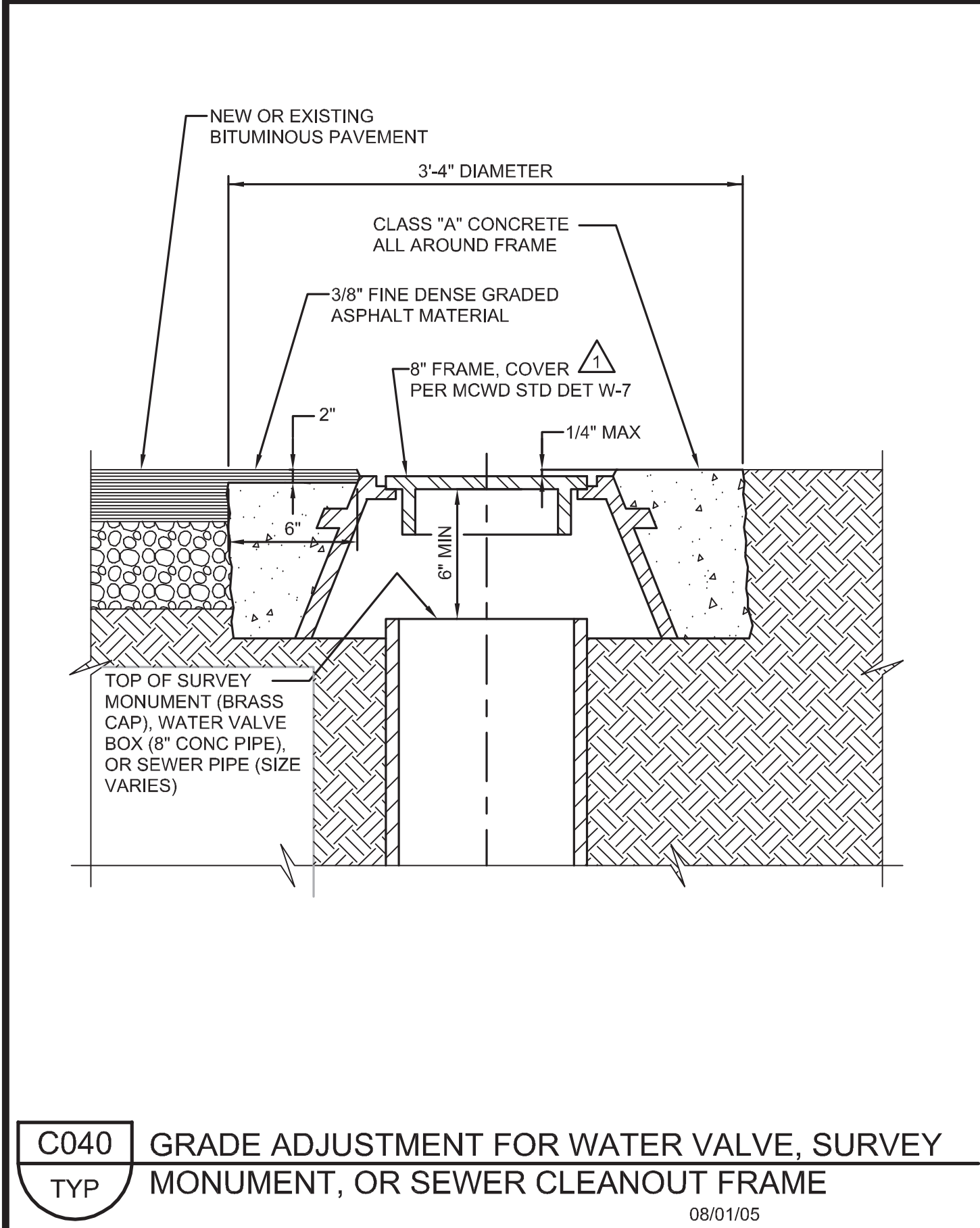
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UNDERGROUND SERVICE (USA)

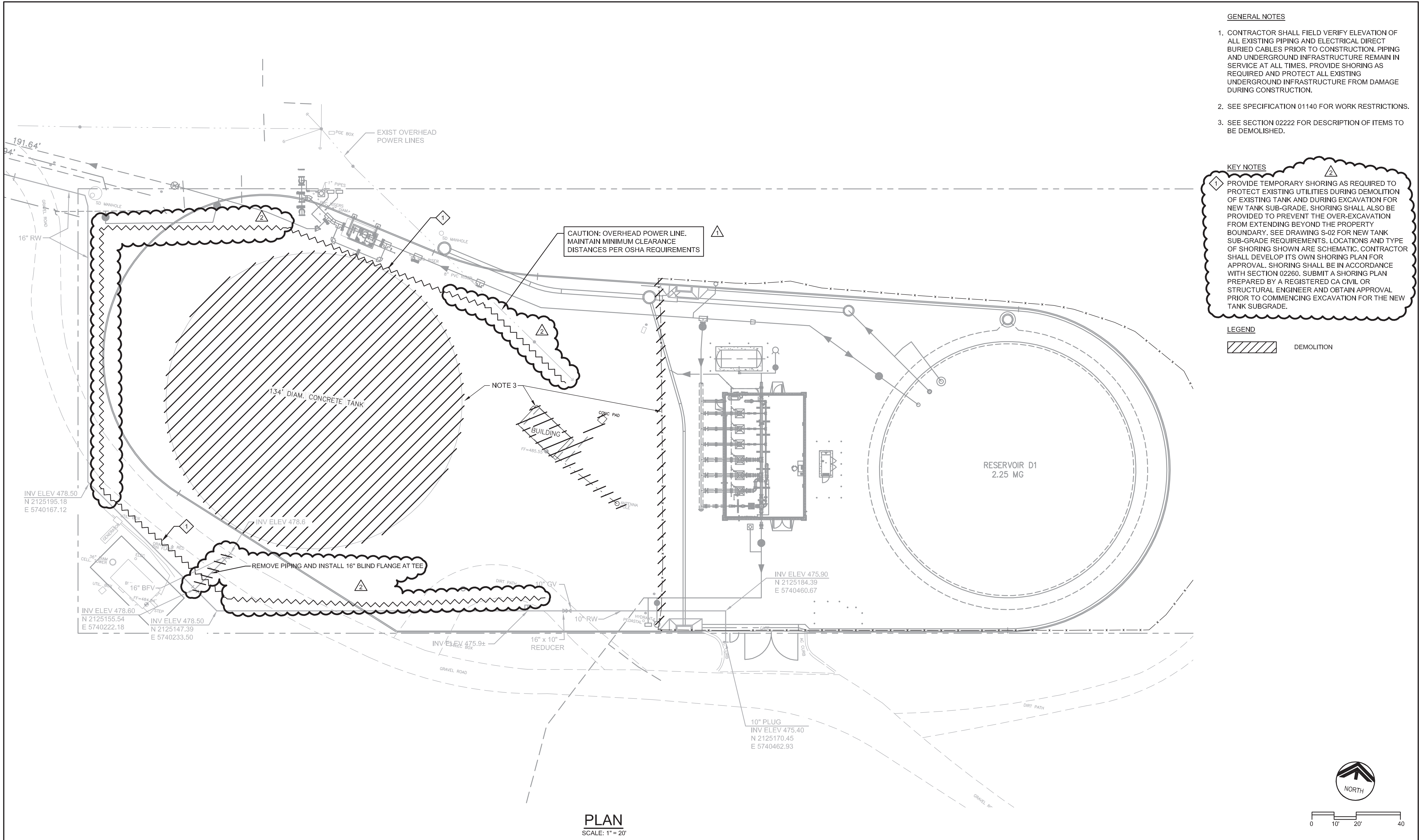


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				DRAWN BH							RECYCLED WATER PIPELINE			DRAWING NO.
				CHECKED AP							CIVIL			C-41
				DATE MAY 2017							PLAN AND PROFILE			SHEET NO.
				WATER LINE "A" - STA. A19+00 TO STA. A28+00							49 OF 93			
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	05/19/17	JPM	CHANGED PER ADDENDUM 1											
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P026 TYP SHEET 1 OF 2 11/30/08				P002 TYP SHEET 2 OF 2 09/06/13				P014 TYP 03/24/15				P021 TYP NTS			
DESIGNED RRH				DESIGNED RRH				DESIGNED RRH				DESIGNED RRH			
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CHECKED RH				CHECKED RH				CHECKED RH				CHECKED RH			
DATE MAY 2017				DATE MAY 2017				DATE MAY 2017				DATE MAY 2017			
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- GENERAL NOTES**
- CONTRACTOR SHALL FIELD VERIFY ELEVATION OF ALL EXISTING PIPING AND ELECTRICAL DIRECT BURIED CABLES PRIOR TO CONSTRUCTION. PIPING AND UNDERGROUND INFRASTRUCTURE REMAIN IN SERVICE AT ALL TIMES. PROVIDE SHORING AS REQUIRED AND PROTECT ALL EXISTING UNDERGROUND INFRASTRUCTURE FROM DAMAGE DURING CONSTRUCTION.
 - SEE SPECIFICATION 02222 FOR WORK RESTRICTIONS.
 - SEE SECTION 02222 FOR DESCRIPTION OF ITEMS TO BE DEMOLISHED.

KEY NOTES

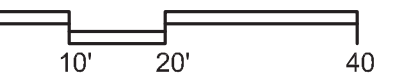
1. PROVIDE TEMPORARY SHORING AS REQUIRED TO PROTECT EXISTING UTILITIES DURING DEMOLITION OF EXISTING TANK AND DURING EXCAVATION FOR NEW TANK SUB-GRADE. SHORING SHALL ALSO BE PROVIDED TO PREVENT THE OVER-EXCAVATION FROM EXTENDING BEYOND THE PROPERTY BOUNDARY. SEE DRAWING S-02 FOR NEW TANK SUB-GRADE REQUIREMENTS. LOCATIONS AND TYPE OF SHORING SHOWN ARE SCHEMATIC. CONTRACTOR SHALL DEVELOP ITS OWN SHORING PLAN FOR APPROVAL. SHORING SHALL BE IN ACCORDANCE WITH SECTION 02260. SUBMIT A SHORING PLAN PREPARED BY A REGISTERED CA CIVIL OR STRUCTURAL ENGINEER AND OBTAIN APPROVAL PRIOR TO COMMENCING EXCAVATION FOR THE NEW TANK SUBGRADE.

LEGEND

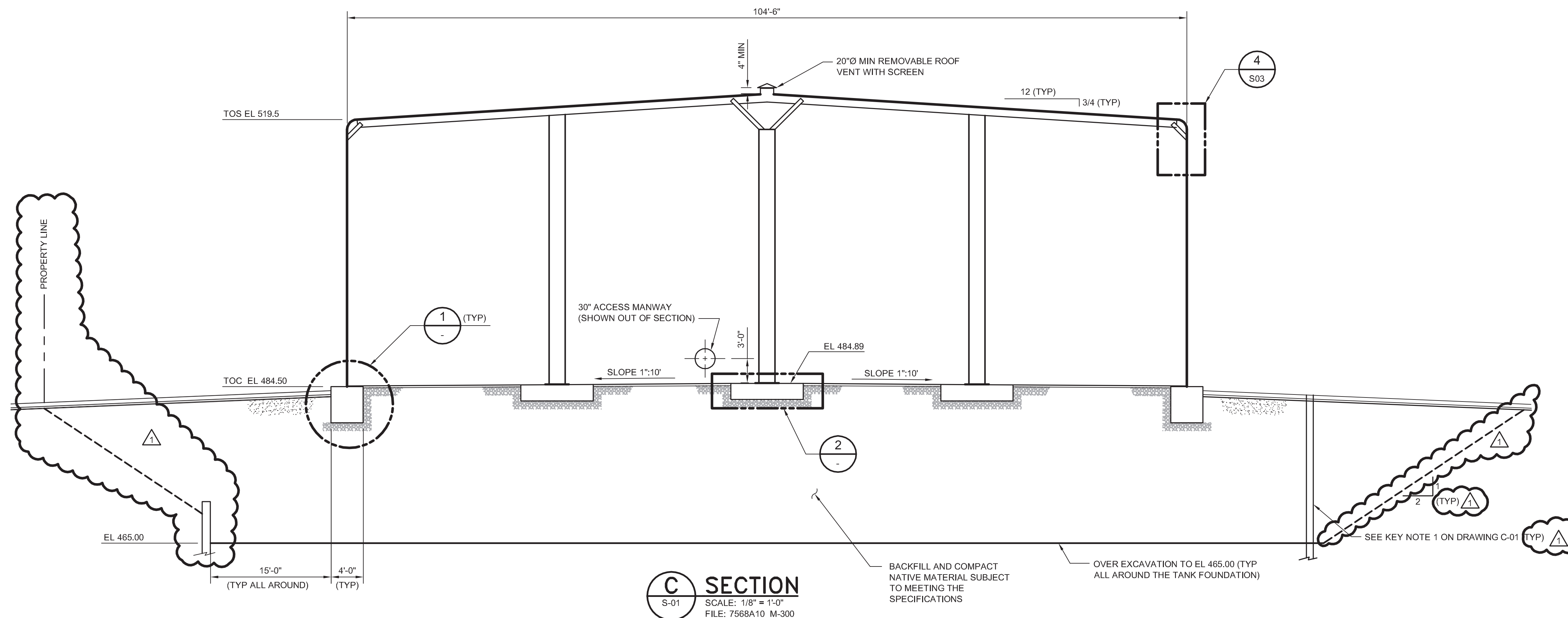
DEMOLITION

				DESIGNED SAS	DISCIPLINE ENGINEER	PROJECT ENGINEER Digitally signed by Jonathon P. Marshall Contact Info: Carollo Engineers, Inc. Date: 2017.06.21 10:11:49-0700'	PROJECT MANAGER 			Marina Coast Water District	REGIONAL URBAN WATER AUGMENTATION PROJECT		VERIFY SCALES BAR IS ONE INCH ON ORIGINAL DRAWING  IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	JOB NO. 7568A.10
				DRAWN LGD							BLACKHORSE RECYCLED WATER RESERVOIR			DRAWING NO. D-01
				CHECKED RJH							CIVIL EXISTING SITE PLAN AND DEMOLITION PLAN			SHEET NO. 55 OF 93
REV	DATE	BY	DESCRIPTION	DATE APRIL 2017										
FILENAME:														

1	CONCRETE CURBS PER DETAIL 2/C-03.
2	SITE PAVING PER DETAIL 1/C-03.
3	INSTALL NEW CHAIN LINK FENCE TO MATCH EXIST. INSTALL PER SECTION 02820.



				DESIGNED RRH	DISCIPLINE ENGINEER	PROJECT ENGINEER Digitally signed by Jonathon P. Marshall Contact Info: Carollo Engineers, Inc. Date: 2017.06.21 10:23:10-0700'	PROJECT MANAGER 		 Marina Coast Water District	REGIONAL URBAN WATER AUGMENTATION PROJECT			VERIFY SCALES BAR IS ONE INCH ON ORIGINAL DRAWING  IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	JOB NO. 7568A.10				
				DRAWN SJB						DRAWING NO. C-02								
				CHECKED RH						SHEET NO.								
 2	06/20/17	JPM	CHANGED PER ADDENDUM 3	DATE APRIL 2017														62 OF 93
 1	05/19/17	JPM	CHANGED PER ADDENDUM 1															
REV	DATE	BY	DESCRIPTION															
FILENAME:																		

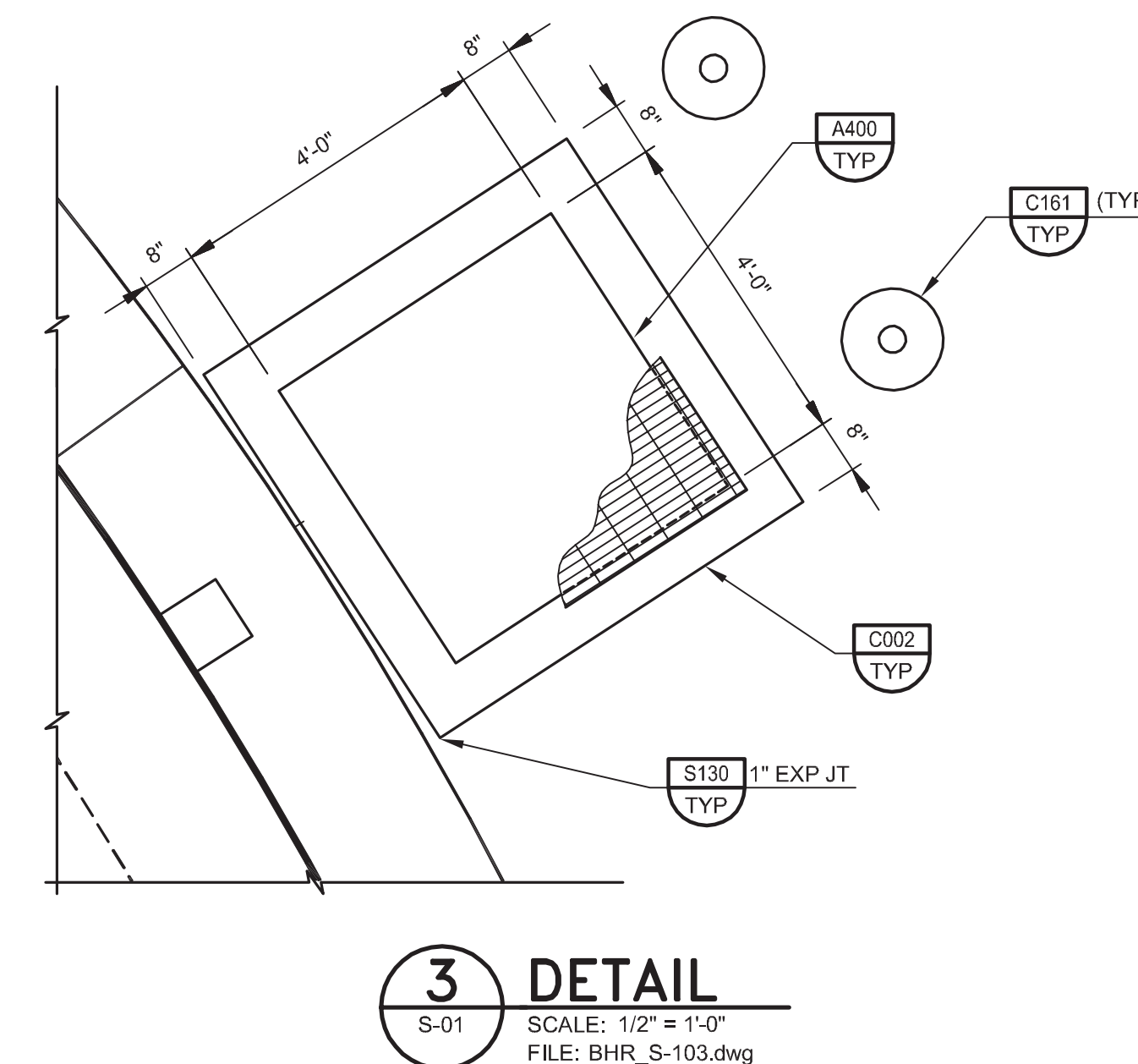
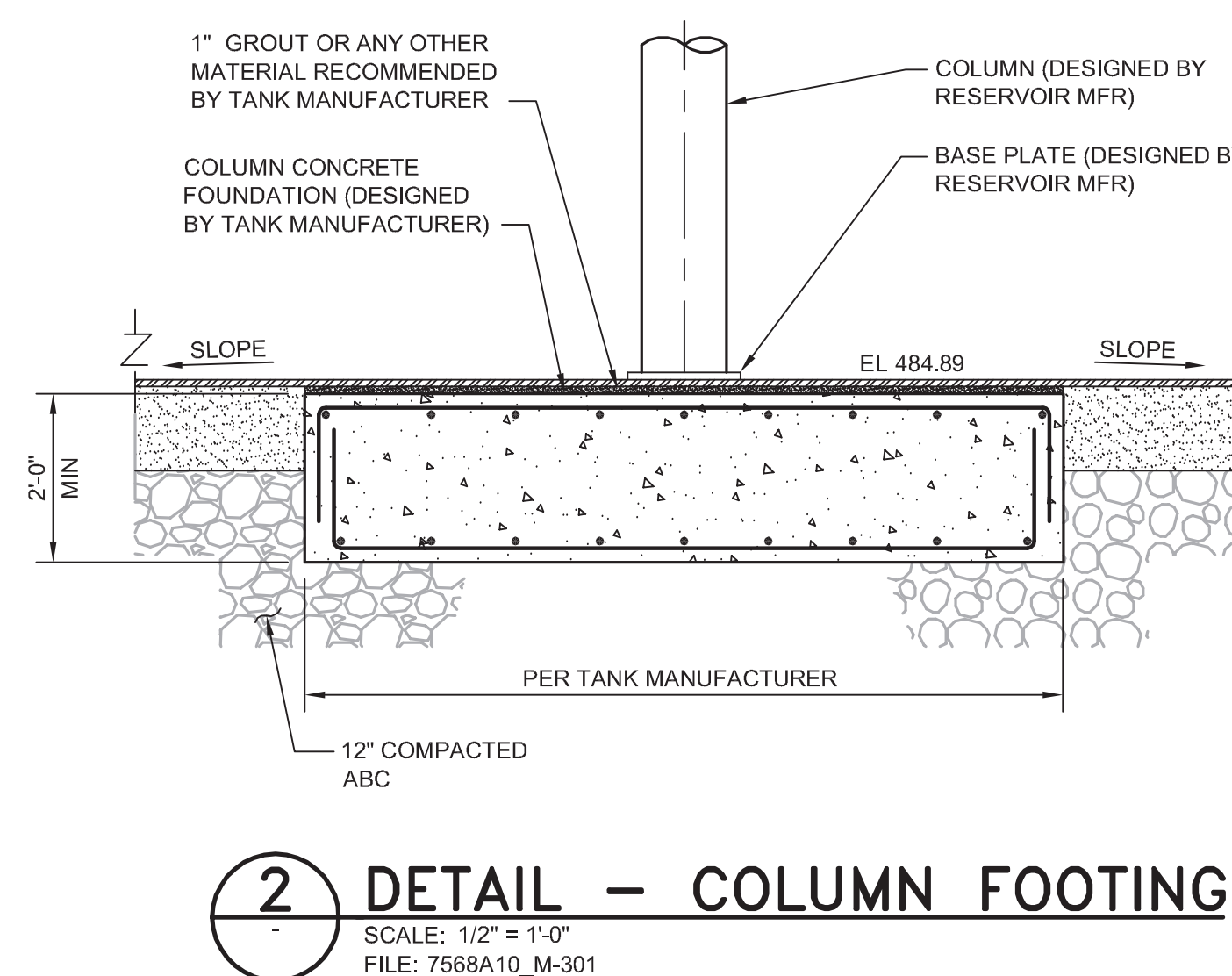
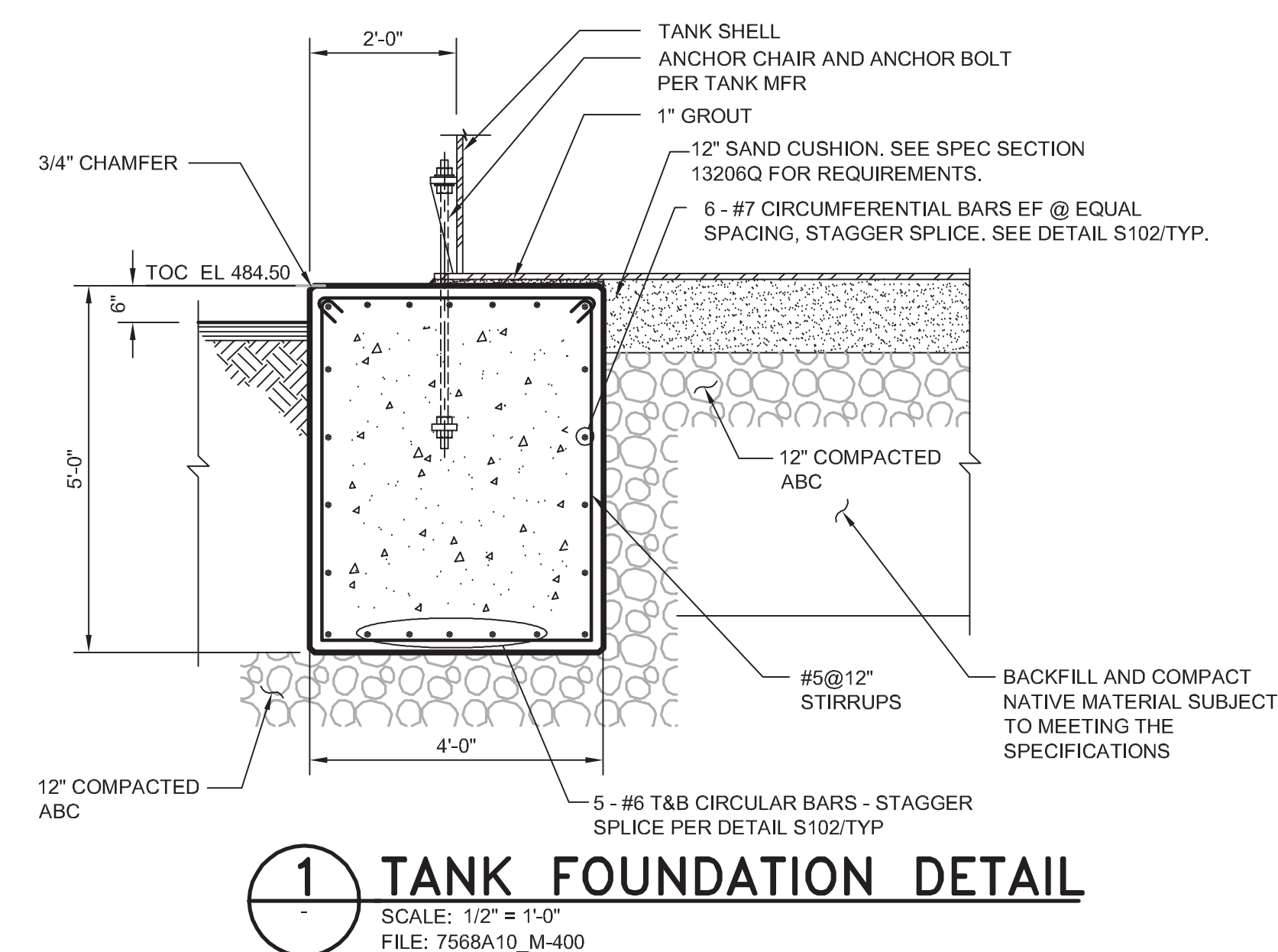


- NOTES:

1. TOLERANCES ON CONCRETE FOUNDATIONS: RINGWALL AFTER GROUTING SHALL BE LEVEL WITHIN $\pm 1/8"$ IN ANY 30' CIRCUMFERENCE UNDER THE SHELL. THE LEVELNESS ON THE CIRCUMFERENCE SHALL NOT VARY BY MORE THAN $\pm 1/4"$ FROM AN ESTABLISHED PLAN. THE TOLERANCE ON POURED CONCRETE BEFORE GROUTING SHALL BE $\pm 1"$.
2. THE TOP OF THE CONCRETE SHALL BE CLEANED AND THOROUGHLY WETTED BEFORE NON-SHRINK GROUT IS PLACED.
3. WHEN GROUTED, A 1" MINIMUM SPACE BETWEEN THE TANK BOTTOM AND THE TOP OF THE CONCRETE SHALL BE THE ENTIRE SPACE BENEATH THE TANK FROM THE OUTSIDE EDGE OF THE TANK BOTTOM TO THE SAND CUSHION. IN NO CASE SHALL THE WIDTH OF GROUT PLACED UNDER THE TANK BOTTOM BE LESS THAN 2'-6". THE TOP OF THE FOUNDATIONS SHALL BE THOROUGHLY SATURATED WITH WATER AND SURFACE DAMP BEFORE GROUT IS PLACED.

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