

NOB HILL WATER ASSOCIATION

YAKIMA COUNTY

WASHINGTON



WESTBROOK RESERVOIRS IMPROVEMENTS

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Operations Manager



191 IRONHORSE COURT
SUITE 101
YAKIMA, WA 98901
(509) 453-4833

MAY 2026
G&O #23873



FUNDED IN PART BY THE WASHINGTON STATE
DEPARTMENT OF HEALTH DRINKING WATER STATE
REVOLVING FUND AND NOB HILL WATER ASSOCIATION.

GENERAL CONSTRUCTION NOTES:

- ALL WORK SHALL CONFORM TO THE RULES AND REGULATIONS OF THE NOB HILL WATER ASSOCIATION, CITY OF YAKIMA, THESE DRAWINGS, AND THE PROJECT SPECIFICATIONS.
- ALL MATERIALS AND WORKMANSHIP SHALL BE FURNISHED AND SUPPLIED IN ACCORDANCE WITH THE 2026 WASHINGTON STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION, UNLESS OTHERWISE SPECIFICALLY NOTED.
- THE CONTRACTOR SHALL ATTEND A PRECONSTRUCTION CONFERENCE PRIOR TO THE START OF CONSTRUCTION.
- THE LOCATION, TYPE NUMBER SIZE, AND MATERIAL OF ALL EXISTING UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE AND SHOULD NOT BE CONSIDERED COMPLETE. THE CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES THAT MAY AFFECT OR ALTER THE IMPLEMENTATION OF THIS PROJECT BY POTHOLING, VISUAL INSPECTION, COORDINATION WITH EXISTING UTILITY COMPANIES, OR OTHER MEANS AS APPROPRIATE. THE CONTRACTOR SHALL CALL ONE CALL 8-1-1 (WASHINGTON811.COM) AND ARRANGE FOR FIELD LOCATION OF THE EXISTING FACILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL MAKE ALL NECESSARY PROVISIONS FOR PROTECTION OF EXISTING UTILITIES DURING CONSTRUCTION. RESPONSIBILITY FOR UNDERGROUND FACILITIES OR EXISTING UTILITIES IS GOVERNED BY THE PROVISIONS OF CHAPTER 19.122 REVISED CODE WASHINGTON.
- THE CONTRACTOR IS CAUTIONED THAT OVERHEAD ELECTRICAL SERVICE LINES ARE APPROXIMATELY SHOWN ON THE DRAWINGS. ELECTRICAL LINES SHOWN ON THE DRAWINGS ARE LOCATED BY POINT-TO-POINT, POWER POLE-TO-POWER POLE CONNECTION. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXTENT OF ANY HAZARD CREATED BY OVERHEAD ELECTRICAL POWER IN ALL AREAS AND SHALL FOLLOW PROCEDURES DURING CONSTRUCTION AS REQUIRED BY LAW AND REGULATION.
- NEW WATER MAINS AND HYDRANTS SHALL BE TESTED IN ACCORDANCE WITH THE SPECIFICATIONS PRIOR TO CONNECTING TO THE EXISTING WATER SYSTEM. THE USE OF AN APPROVED BACKFLOW DEVICE IS REQUIRED TO PREVENT ANY CROSS CONNECTIONS DURING TESTING.
- ON-SITE EROSION AND SEDIMENT CONTROL MEASURES ARE REQUIRED AND SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- EROSION CONTROL MEASURES, SHALL BE IN PLACE PRIOR TO CONSTRUCTION. EROSION CONTROL FACILITIES SHALL BE MAINTAINED THROUGHOUT THE PROJECT AND REMOVED AT THE END OF THE PROJECT.
- NOT ALL MONUMENTS ARE SHOWN. CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ALL MONUMENTS, SURVEY MONUMENTS, PROPERTY CORNERS, AND RIGHT-OF-WAY MARKERS MAY BE REQUIRED TO BE REMOVED OR DISTURBED BY CONSTRUCTION. CONTRACTOR MUST IDENTIFY MONUMENTS TO BE DISTURBED AND COORDINATE WITH GRAY AND OSBORNE (5) WORKING DAYS IN ADVANCE OF DISTURBING MONUMENTS. MONUMENT RESTORATION SHALL MEET CITY OF YAKIMA STANDARDS.
- CONNECTIONS TO EXISTING SYSTEM SHALL BE MADE ONLY AFTER NEW WATER MAIN HAS PASSED PRESSURE AND PURITY TESTING. FINAL CONNECTION PIPING AND FITTINGS SHALL BE SWABBED WITH A VERY STRONG CHLORINE SOLUTION AT LEAST AS STRONG AS LIQUID HOUSEHOLD BLEACH (FIVE TO SIX PERCENT CHLORINE).
- CONTRACTOR REQUIRED TO PROVIDE A COMPETENT PERSON(S) TRAINED TO IDENTIFY EXISTING OR PREDICTABLE HAZARDS RELATED TO TRENCH SAFETY, SOIL CONDITIONS, AND SHORING REQUIREMENTS, IN ACCORDANCE WITH WAC 296-155 PART N AND CONFINED SPACES IN ACCORDANCE WITH WAC 296-809. REPRESENTATIVES OF THE ASSOCIATION SHALL NOT BE REQUIRED TO PERFORM THE ROLE OF COMPETENT PERSON FOR THIS PROJECT. NO WORKERS SHALL ENTER A TRENCH OR OTHER EXCAVATION FOUR FEET OR MORE IN DEPTH WITHOUT TRENCH SAFETY SYSTEMS IN PLACE.
- ALL PRODUCTS THAT COME IN CONTACT WITH DRINKING WATER, MUST COMPLY WITH THE FULL REQUIREMENTS OF NSF / ANSI STANDARD 61 - DRINKING WATER SYSTEM COMPONENTS AND AWWA STANDARDS. ALL CHEMICALS ADDED TO DRINKING WATER SHALL COMPLY WITH NSF 60.
- THE CONTRACTOR SHALL HAVE IN THEIR IMMEDIATE POSSESSION (ON-SITE) ALL PLANS, SPECIFICATIONS, ADDENDA AND CHANGE ORDER DOCUMENTS WHENEVER CONSTRUCTION IS IN PROGRESS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING A SET OF RECORD DRAWINGS.
- ONLY NOB HILL WATER ASSOCIATION PERSONNEL SHALL OPERATE VALVES CONNECTED TO THE EXISTING SYSTEM.
- THE CONTRACTOR SHALL PROMPTLY NOTIFY THE ENGINEER IN THE EVENT OF DISCOVERY OF UNSUITABLE SOILS OR HIGH GROUND WATER CONDITIONS OR DISCREPANCIES FROM THE PLANS.
- WHEREVER PLANS REFER TO "SAWCUT" OF ASPHALT CONCRETE PAVEMENT OR CONCRETE SURFACE, THE CONTRACTOR SHALL PERFORM A "NEAT LINE CUT" PER SPECIFICATIONS.
- IT IS THE INTENT OF THIS PROJECT THAT THE IMPROVEMENTS BE CONSTRUCTED SUCH THAT ALL IMPERVIOUS SURFACES SHALL BE SLOPED AND FREE-DRAINING.
- ALL DIMENSIONS SHOWN ON THE CONTRACT DRAWINGS AND DESCRIBED IN THE SPECIFICATIONS REFER TO THE HORIZONTAL AND VERTICAL PROJECTED PLANES, UNLESS OTHERWISE INDICATED.
- IN GENERAL, EXISTING STRUCTURES AND FACILITIES ARE NOTED AS "EXISTING" AND ARE SHOWN IN LIGHT LINE WEIGHTS OR AS SCREENED BACKGROUND. NEW CONSTRUCTION, STRUCTURES, FACILITIES, AND FEATURES ARE SHOWN IN HEAVY LINE WEIGHTS.
- MANY OF THE SYMBOLS SHOWN ON THE LEGEND ARE USED ONLY WHERE THEY PROVIDE CLARITY AND ARE NOT NECESSARILY USED IN ALL APPLICATIONS. SOME CONTRACT DRAWINGS MAY HAVE ADDITIONAL LEGENDS APPLICABLE FOR THAT SPECIFIC DRAWING. SYMBOLS SHOWN ON SPECIFIC DRAWINGS GOVERN.
- THE CONTRACTOR SHALL VERIFY ALL PLANIMETRIC FEATURES AND DIMENSIONS PRIOR TO STARTING WORK AND SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
- THE CONTRACTOR SHALL FURNISH, INSTALL, AND MAINTAIN DURING THE PROJECT TIME ALL REQUIRED SCAFFOLDS, TARPAULINS, BARRICADES, CANOPIES, WARNING SIGNS, STEPS, BRIDGES, PLATFORMS, AND OTHER TEMPORARY CONSTRUCTION NECESSARY FOR PROPER COMPLETION OF THE WORK IN COMPLIANCE WITH ALL PERTINENT SAFETY AND OTHER REGULATIONS. THE CONTRACTOR SHALL FURNISH, INSTALL, AND MAINTAIN STEEL PLATE COVERINGS TO SECURE ALL RESERVOIR OPENINGS THROUGHOUT CONSTRUCTION.

SUMMARY OF WORK

WORK SHALL INCLUDE BUT NOT BE LIMITED TO:

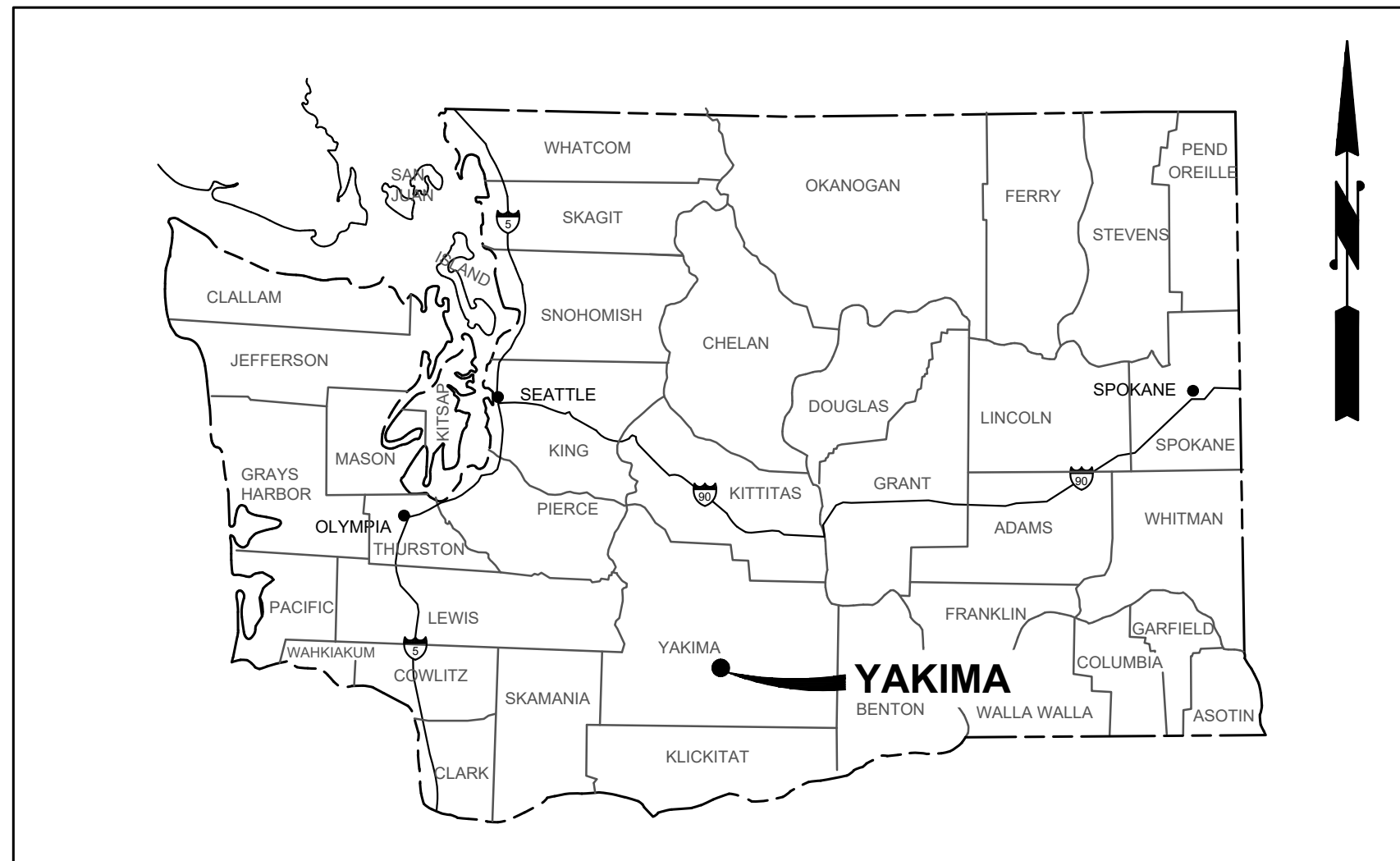
- WESTBROOK RESERVOIR 1: INSTALLATION OF NEW ACCESS HATCH AND LADDER, NEW VENT INSTALLATION, OVERFLOW PIPE REPLACEMENT AND MODIFICATIONS, INLET/OUTLET PIPE IMPROVEMENTS, STRUCTURAL CONCRETE REPAIRS ALONG COLUMN BASES AND ROCK POCKET REPAIR ALONG WALL INTERIOR, AND EXPANSION JOINT REPAIR THROUGHOUT THE RESERVOIR INTERIOR.
- WESTBROOK RESERVOIR 2: INSTALLATION OF NEW ACCESS HATCH AND LADDER, VENT MODIFICATIONS AND NEW VENT INSTALLATION, OVERFLOW PIPE REPLACEMENT AND MODIFICATIONS, INSTALLATION OF NEW RESERVOIR ISOLATION VALVES, SITE PIPING IMPROVEMENTS, TOPPING SLAB REPLACEMENT, CONCRETE STIFFENER BEAM REPAIR, PRECAST TEE GIRDER JOINT IMPROVEMENTS, WALL SURFACE REPAIRS, AND EXPANSION JOINT REPAIR THROUGHOUT THE RESERVOIR INTERIOR.
- TEMPORARY EROSION AND SEDIMENT CONTROL.
- REPAIR OF ALL SURFACES AROUND THE RESERVOIRS OF ANY DAMAGE CAUSED BY THIS PROJECT.

SHEET INDEX

SHEET NO.	DESCRIPTION
GENERAL SHEETS	
-	COVERSHEET
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G-4	ENLARGED PROPOSED SITE PLAN
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RESERVOIR DETAILS	
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R-2	MISCELLANEOUS RESERVOIR DETAILS
R-3	MISCELLANEOUS RESERVOIR DETAILS
WESTBROOK RESERVOIR NO. 1	
R1-1	FOUNDATION DEMOLITION PLAN
R1-2	ROOF DEMOLITION PLAN
R1-3	DEMOLITION DETAILS
R1-4	DEMOLITION PHOTO DETAILS
R1-5	PROPOSED FOUNDATION PLAN
R1-6	PROPOSED ROOF PLAN
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WESTBROOK RESERVOIR NO. 2	
R2-1	EXISTING FOUNDATION AND DEMOLITION PLAN
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R2-3	DEMOLITION DETAILS
R2-4	DEMOLITION PHOTO DETAILS
R2-5	PROPOSED FOUNDATION PLAN
R2-6	PROPOSED ROOF PLAN
R2-7	SECTIONS
R2-8	SECTIONS
R2-9	PHOTO DETAILS
R2-10	PHOTO DETAILS

RESERVOIR DESIGN CRITERIA

WESTBROOK RESERVOIR 1	
RESERVOIR ID	79'-4"Ø
ROOF HEIGHT	15'-3"
GROSS VOLUME	0.5 MG
YEAR CONSTRUCTED	1952
RESERVOIR TYPE	REINFORCED CONCRETE
WESTBROOK RESERVOIR 2	
RESERVOIR EXTERIOR	63'-0" x 112'-8"
ROOF HEIGHT	23'-6"
GROSS VOLUME	1.0 MG
YEAR CONSTRUCTED	1974
RESERVOIR TYPE	REINFORCED CONCRETE



VICINITY MAP
NTS



LOCATION MAP
SCALE: 1"=300'

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DRAWN BY:	BJS
DESIGNER:	JRA/ZKG
G & O JOB NO.:	23873
FILE:	INDEX-LEGEND.DWG

0 1" 2"
TWO INCHES AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY

GENERAL

GENERAL NOTES, SHEET INDEX, VICINITY & LOCATION MAPS

DRAWING: **G-1** OF: **5**



5/20/2026



NOB HILL WATER ASSOCIATION

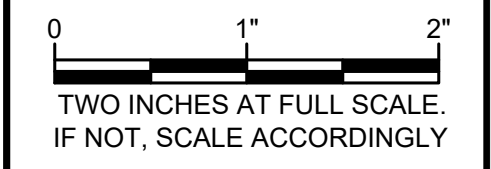
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GENERAL

DRAWING: **G-2** OF: **5**

LEGEND

ABBREVIATIONS

ADJ	ADJUST
ALT	ALTERNATE
ALUM	ALUMINUM
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
AP	ANGLE POINT
ASPH	ASPHALT
ASTM	AMERICAN SOCIETY OF TESTING AND MATERIALS
ASSY	ASSEMBLY
AVE	AVENUE
BF	BLIND FLANGE
BLDG	BUILDING
BLK	BLOCK
BO	BLOW OFF
C	CONDUIT
€	CENTER LINE
CB	CATCH BASIN
CCP	CONCRETE CYLINDER PIPE
CI	CAST IRON
CF	CUBIC FEET
CFS	CUBIC FEET PER SECOND
CL	CLASS
CLR	CLEARANCE
CLMP	CORRUGATED METAL PIPE
CO	CLEANOUT
CONC	CONCRETE
CONN	CONNECTION
CONT	CONTINUOUS
CONT	CONTINUED
CP	CONTROL POINT
CPEP	CORRUGATED POLYETHYLENE PIPE
CPLG	COUPLING
CTR	CENTER
CY	CUBIC YARD
D	DRAIN
DI	DUCTILE IRON
DIA	DIAMETER
DIM	DIMENSION
DOT	DEPARTMENT OF TRANSPORTATION
DWG(S)	DRAWING(S)
E	EAST
EA	EACH
EL	ELEVATION
ELEC	ELECTRICAL
EOP	EDGE OF PAVEMENT
EQ	EQUAL
EXIST	EXISTING
FIG	FIGURE
FIN	FINISHED
FL	FLANGE FEET
GA	GAUGE
GALV	GALVANIZED
GV	GATE VALVE
ID	INSIDE DIAMETER
IE	INVERT ELEVATION
IN	INCH
INF	INFLUENT
INV	INVERT
J-BOX	JUNCTION BOX
L	LENGTH
LB	POUND
LF	LINEAR FEET
MAX	MAXIMUM
MIN	MINIMUM
MISC	MISCELLANEOUS
MFR	MANUFACTURER
MH	MANHOLE
MJ	MECHANICAL JOINT
N	NORTH
NO	NUMBER
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
PE	PLAIN END
PERF	PERFORATED
PP	POWER POLE
PVC	POLYVINYL CHLORIDE
PVMT	PAVEMENT
QTY	QUANTITY
R	RADIUS
RED	REDUCER
REINF	REINFORCE
REQD	REQUIRED
R/W	RIGHT-OF-WAY
S	SOUTH
SCH	SCHEDULE
SF	SQUARE FEET
SHT	SHEET
SPECS	SPECIFICATIONS
SQ	SQUARE
SS	STAINLESS STEEL
STA	STATION
STD	STANDARD
STL	STEEL
TEL	TELEPHONE
THRU	THROUGH
TYP	TYPICAL
VERT	VERTICAL
W	WEST
W/	WITH
W/O	WITHOUT

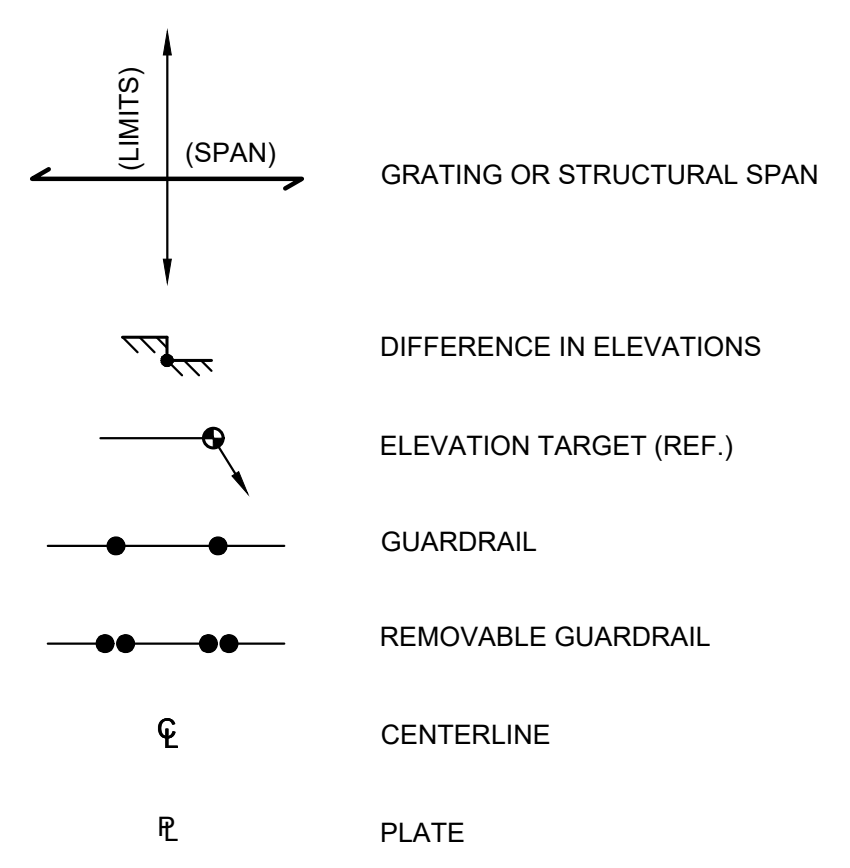
SYMBOL LEGEND

EXISTING	PROPOSED	DESCRIPTION	EXISTING	PROPOSED	DESCRIPTION
		CURB (TYPE AS NOTED)			CAP/PLUG
		CURB & GUTTER			COUPLING/SLEEVE
		ASPHALT PAVEMENT			GUARD POST
		GRAVEL SURFACING			REDUCER
		CONCRETE SURFACING			THRUST BLOCK
		RIP RAP			WATER METER
		CEMENT CONC SIDEWALK			WATER VAULT (SIZE VARIES)
		GUARD RAIL			FIRE HYDRANT (2-NOZZLE)
		FENCE/RAILING (TYPE AS NOTED)			FIRE HYDRANT (3-NOZZLE)
		FENCE WITH GATE			MECHANICAL JOINT
		SHRUB/TREE/VEGETATION LINE			BLOW-OFF VALVE
		EDGE OF LANDSCAPING			BUTTERFLY VALVE
		SILT FENCE			CHECK VALVE
		RIGHT-OF-WAY LINE			PLUG VALVE
		CENTERLINE OF RIGHT-OF-WAY			MANHOLE
		PROPERTY LINE			TYPE 1 CATCH BASIN
		PERMANENT EASEMENT LINE			11-1/4° BEND (FLxFL) (MjxMJ)
		EASEMENT			22-1/2° BEND (FLxFL) (MjxMJ)
		CONTOUR LINE			45° BEND (FLxFL) (MjxMJ)
		OVERHEAD UTILITIES			90° BEND (FLxFL) (MjxMJ)
		BURIED ELECTRICAL			TEE (FLxFLxFL) (MjxMJxMJ)
		BURIED TELEPHONE/COMMUNICATIONS			CROSS (FLxFLxFLxFL) (MjxMJxMJxMJ)
		BURIED CABLE TELEVISION			GATE VALVE (FLxFL) (FLxMJ) (MjxMJ)
		BURIED COMMUNICATIONS			REDUCER (FLxFL) (FLxMJ) (MjxMJ)
		BURIED FIBER-OPTIC LINE			FLEX TEND (FLxFL) (PURCHASED BY THE OWNER)
		GAS MAIN (SIZE AS NOTED)			FLXMJ ADAPTER
		WATER MAIN (SIZE AS NOTED)			VERTICAL BEND (MjxMJ)
		IRRIGATION LINE (4" OR LARGER, SIZE NOTED)			WATER MANHOLE
		STORM DRAIN (SIZE AS NOTED)			GAS METER
		UNDERDRAIN (SIZE AS NOTED)			GAS VALVE
		CULVERT (SIZE & TYPE AS NOTED)			BPS PUMP
		DITCH CENTERLINE/THALWEG			PAD MOUNT TRANSFORMER
		OWNER PREPURCHASED MATERIAL			POWER VAULT (SIZE VARIES)
					TRANSMISSION TOWER
					UTILITY POLE
					UTILITY POLE ANCHOR
					UTILITY PEDESTAL
					TELEPHONE VAULT (SIZE VARIES)
					STORM DRAIN MANHOLE/TYPE 2 CATCH BASIN
					STORM DRAIN CATCH BASIN
					CLEAN OUT
					JUNCTION BOX (TYPE I, II, III)
					STREET LIGHT ASSEMBLY/LUMINAIRE
					POST MOUNTED LIGHT
					MAIL BOX (NOTED)
					SIGN
					RIP RAP
					ROCK WALL
					MODULAR BLOCK WALL
					SEGMENTAL BLOCK WALL
					SHRUB
					TREE (CONIFER)
					TREE (DECIDUOUS)
					EDGE OF CREEK/STREAM OR OHWM

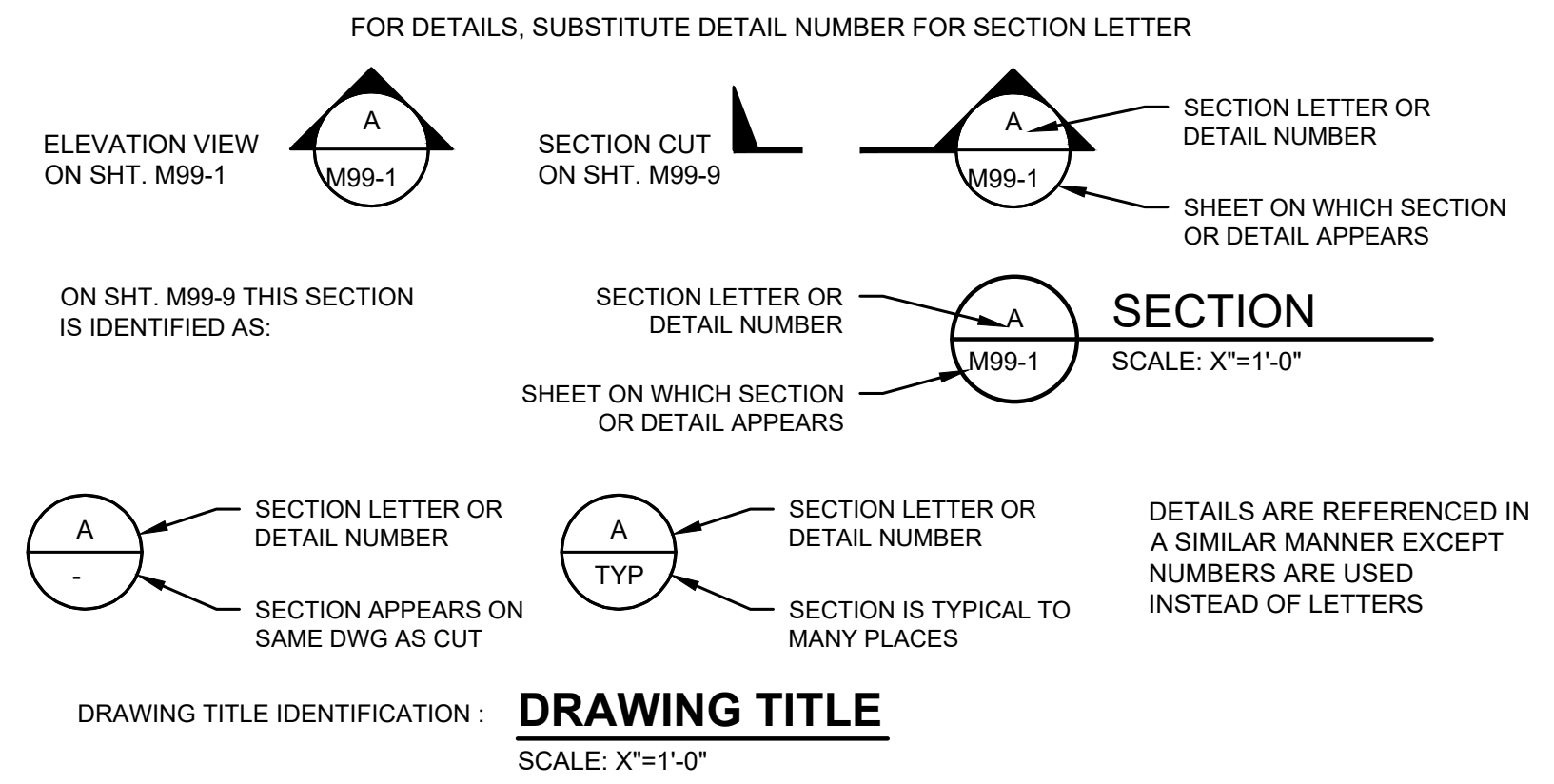
SUPPLEMENTAL STRUCTURAL ABBREVIATIONS:

ABV	ABOVE	HGR	HANGER
ADD'L	ADDITIONAL	HSB	HIGH STRENGTH BOLT (A325 UNO)
ADJ	ADJACENT	HSS	HOLLOW STRUCTURAL STEEL
AL	ALUMINUM	IBC	INTERNATIONAL BUILDING CODE
APPRX	APPROXIMATE	IF	INSIDE FACE
ARCH	ARCHITECTURAL	INT	INTERIOR
@	AT	K	KIPS (1000 POUNDS)
BEL	BELOW	LAT	LATERAL
BF	BRACED FRAME	LDGR	LEDGER
BM	BEAM	LT WT	LIGHT WEIGHT
BNDRY	BOUNDRY	MAT'L	MATERIAL
BO	BOTTOM OF	MB	MACHINE BOLT (A307)
BOS	BOTTOM OF SLAB	MFR	MANUFACTURER
BOT	BOTTOM	MTL	METAL
BRDG	BRIDGE(ING)	NS	NEAR SIDE
BRG	BEARING	OH	OVERHANG
CANT	CANTILEVER(ED)	ORNT	ORIENTATE (ION)
CDF	CONTROLLED DENSITY FILL	PAR	PARALLEL
CG	CENTER OF GRAVITY	P/C	PRECAST CONCRETE
CJ	CAST IN PLACE	PERP	PERPENDICULAR
CJ	CONTROL JOINT	QTY	QUANTITY
CJP	COMPLETE JOINT PENETRATION	REF	REFERENCE
COL	COLUMN	REINF	REINFORCEMENT
CONST	CONSTRUCTION	SHT	SHEET
CONT	CONTINUOUS	SIM	SIMILAR
D	DEPTH	SKW	SKEW(ED)
DBL	DOUBLE	SPC	SPACING
DIAG	DIAGONAL	SS	STAINLESS STEEL
DIAPH	DIAPHRAGM	STIFF	STIFFENER
do	DITTO (DO OVER)	STIRR	STIRRUP
DWG	DRAWING	STRUC	STRUCTURE(AL)
DWL	DOWEL	SYM	SYMMETRICAL
EA	EACH	T	TOP
EF	EACH FACE	TMPRY	TEMPORARY
EJ	EXPANSION JOINT	TO	TOP OF
EMBD	EMBED(MENT)	TOS	TOP OF SLAB
ENG	ENGINEER	TRANS	TRANSVERSE
EQ	EQUAL	TYP	TYPICAL
ES	EACH SIDE	UNO	UNLESS NOTED OTHERWISE
EXIST	EXISTING MEMBER	VFY	VERIFY
EXT	EXTERIOR	WHS	WELDED HEADED STUD
FND	FOUNDATION	WP	WORK POINT
FO	FACE OF	WTS	WELDED THREADED STUD
FS	FAR SIDE		
FTG	FOOTING		
GA	GAUGE		
HAS	HEADED ANCHOR STUDS		

STRUCTURAL LEGEND



EXAMPLE OF SECTION NUMBERING SYSTEM AND PLAN/DRAWING TITLES

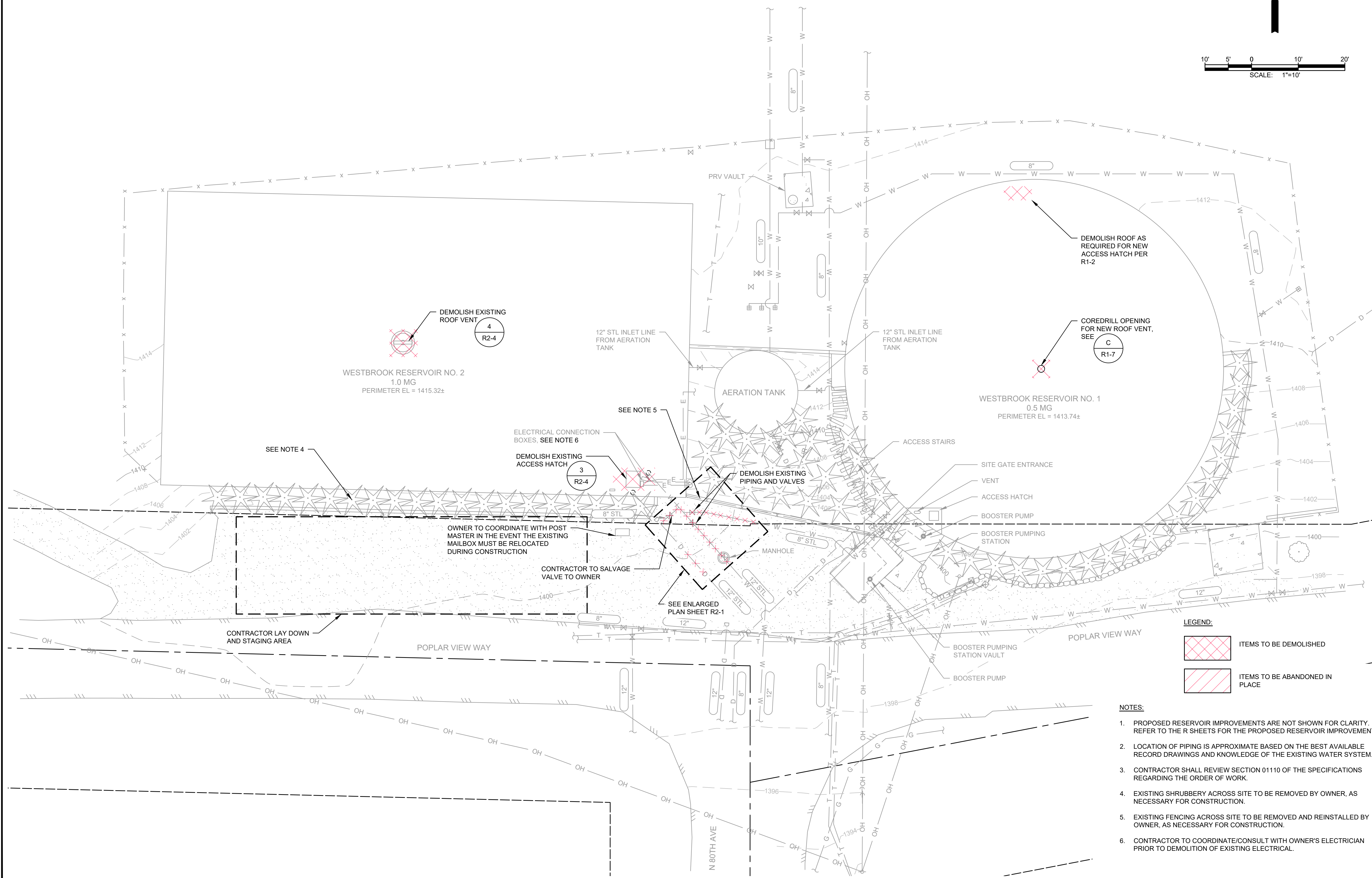
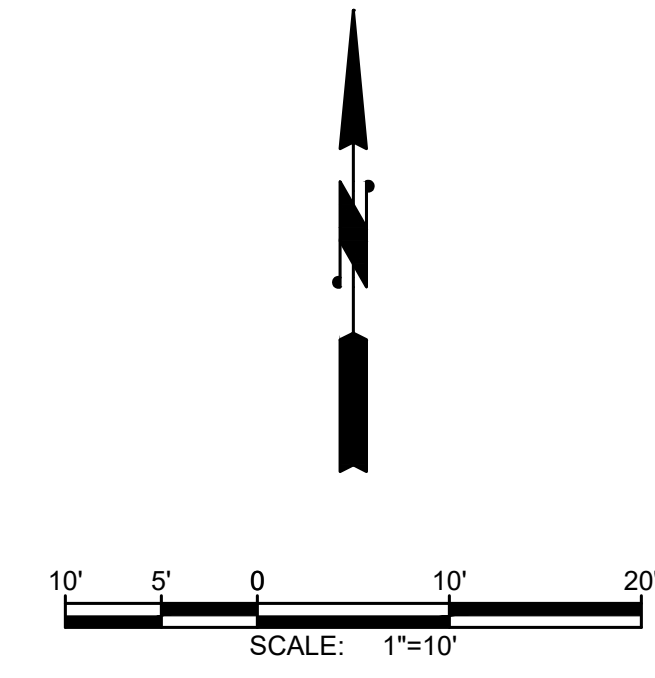


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NOB HILL WATER ASSOCIATION

WESTBROOK RESERVOIRS IMPROVEMENTS

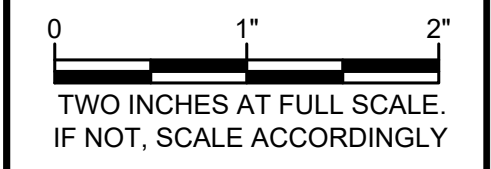


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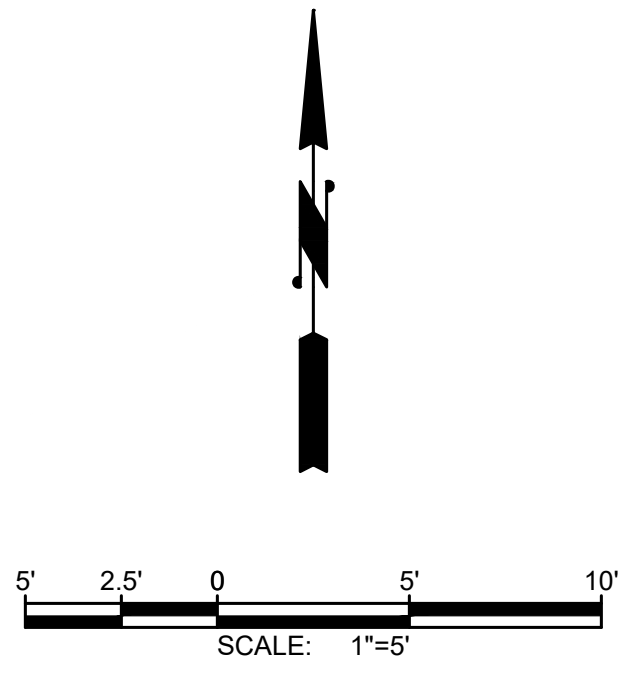


GENERAL

EXISTING SITE PLAN AND DEMOLITION PLAN

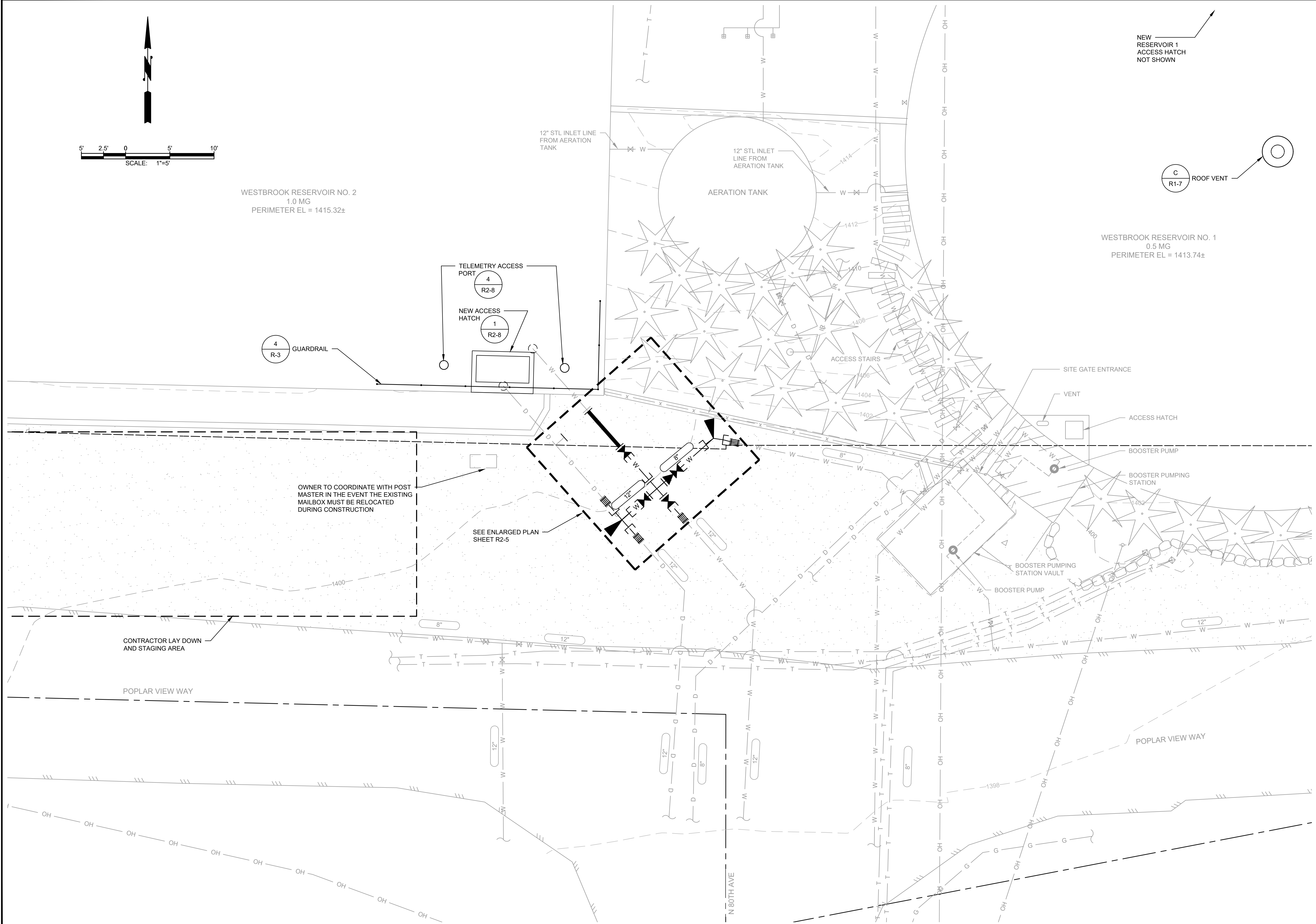
DRAWING: **G-3** OF: **5**

- LEGEND:**
- ITEMS TO BE DEMOLISHED
 - ITEMS TO BE ABANDONED IN PLACE
- NOTES:**
- PROPOSED RESERVOIR IMPROVEMENTS ARE NOT SHOWN FOR CLARITY. REFER TO THE R SHEETS FOR THE PROPOSED RESERVOIR IMPROVEMENTS.
 - LOCATION OF PIPING IS APPROXIMATE BASED ON THE BEST AVAILABLE RECORD DRAWINGS AND KNOWLEDGE OF THE EXISTING WATER SYSTEM.
 - CONTRACTOR SHALL REVIEW SECTION 01110 OF THE SPECIFICATIONS REGARDING THE ORDER OF WORK.
 - EXISTING SHRUBBERY ACROSS SITE TO BE REMOVED BY OWNER, AS NECESSARY FOR CONSTRUCTION.
 - EXISTING FENCING ACROSS SITE TO BE REMOVED AND REINSTALLED BY OWNER, AS NECESSARY FOR CONSTRUCTION.
 - CONTRACTOR TO COORDINATE/CONSULT WITH OWNER'S ELECTRICIAN PRIOR TO DEMOLITION OF EXISTING ELECTRICAL.



WESTBROOK RESERVOIR NO. 2
1.0 MG
PERIMETER EL = 1415.32±

WESTBROOK RESERVOIR NO. 1
0.5 MG
PERIMETER EL = 1413.74±



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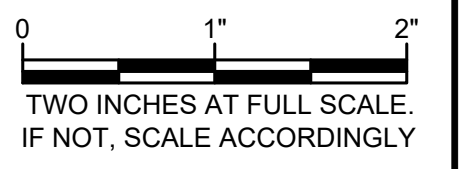
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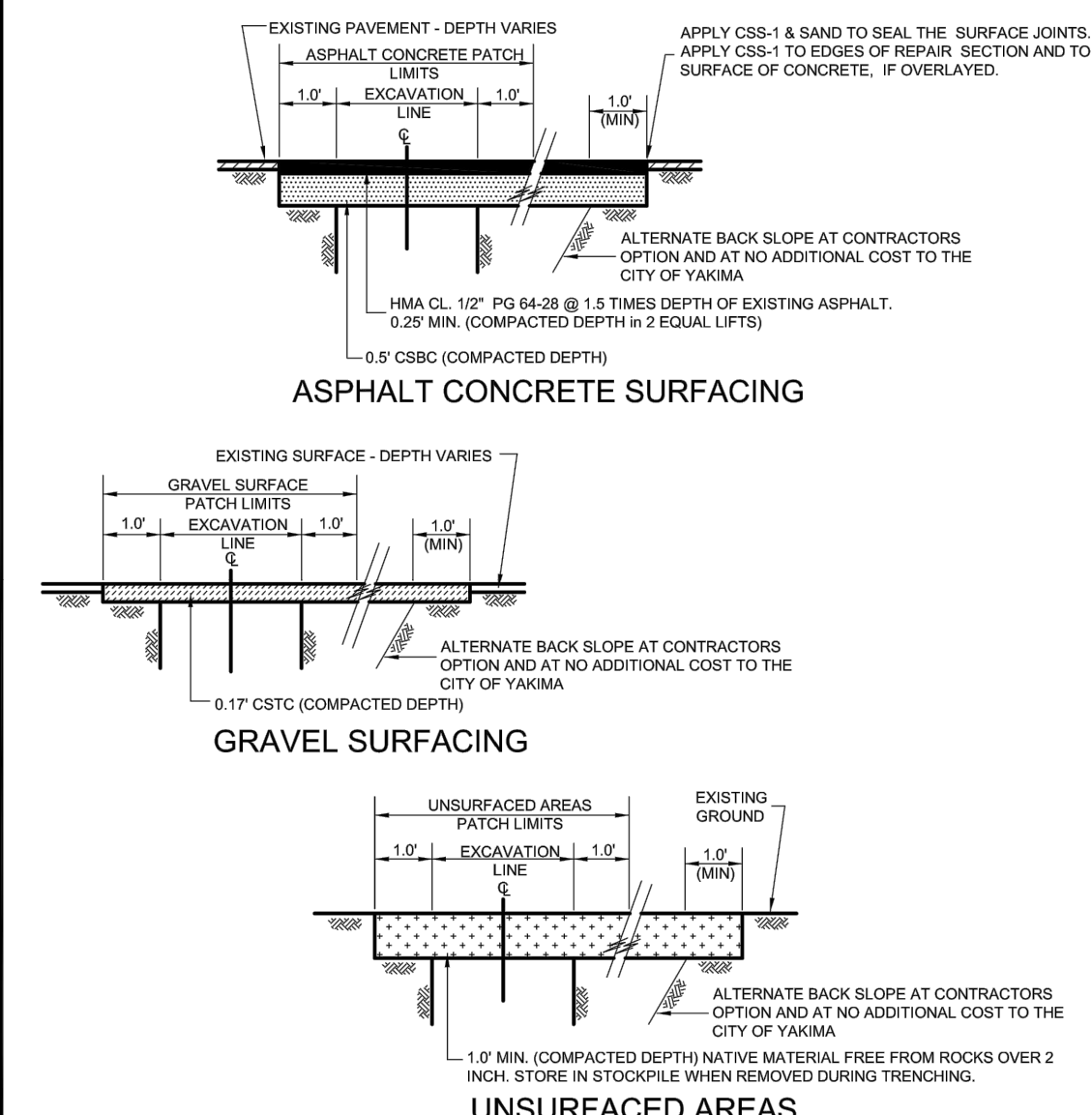


GENERAL

ENLARGED PROPOSED SITE PLAN

DRAWING: **G-4** OF: **5**

M:\NOB HILL WATER\23873 - Westbrook Reservoirs Improvements\Plans\SitePlan.dwg, 5/19/2026 11:38 AM, BRANDON STEWART



UNSURFACED AREAS

NOTES

- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SURFACE RESTORATION INCLUDING WIDER REPAIR SECTIONS RESULTING FROM ALTERNATE BACK SLOPE AT TRENCH SIDES.
- CONTRACTOR SHALL BE AWARE THAT GEO-TEXTILE-FABRIC MAYBE REQUIRED BY THE ENGINEER IN CERTAIN APPLICATIONS.



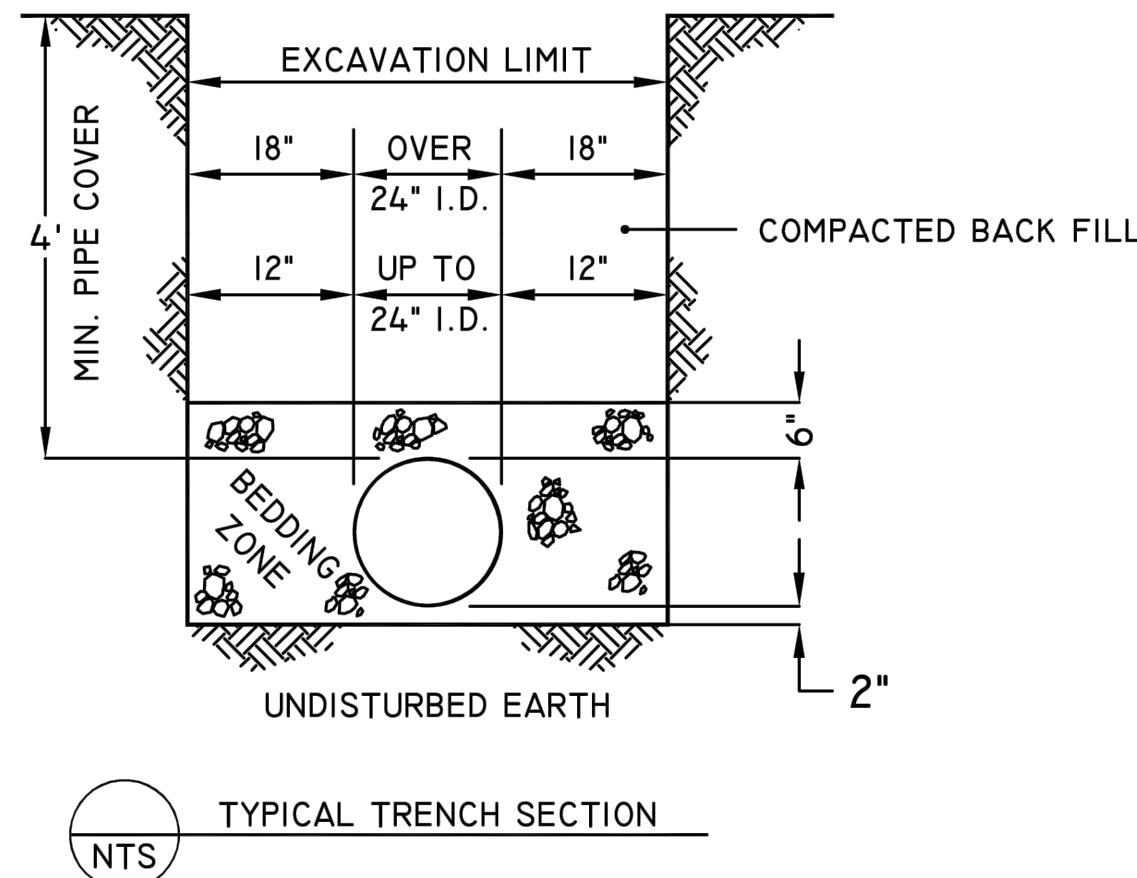
City of Yakima - Standard Detail
TYPICAL SURFACING R7

129 North Second Street
Yakima, Washington

NOT TO SCALE
Revision 11-2008

- NOTES:
- FOR PROJECTS WITHIN THE CITY OF YAKIMA, THE DEVELOPER SHALL REFER TO THE CURRENT VERSION OF THE CITY OF YAKIMA STANDARD DETAIL W-12 FOR SURFACE RESTORATION.
 - FOR PROJECTS WITHIN YAKIMA COUNTY RIGHT-OF-WAY, THE DEVELOPER SHALL REFER TO THE CURRENT VERSIONS OF YAKIMA COUNTY STANDARD PLANS RR-1, RR-1A, AND RR-2.

FIGURE W-12
TRENCH PATCH



NOTE: ALL CONSTRUCTION TO BE TO AWWA CONSTRUCTION STANDARDS

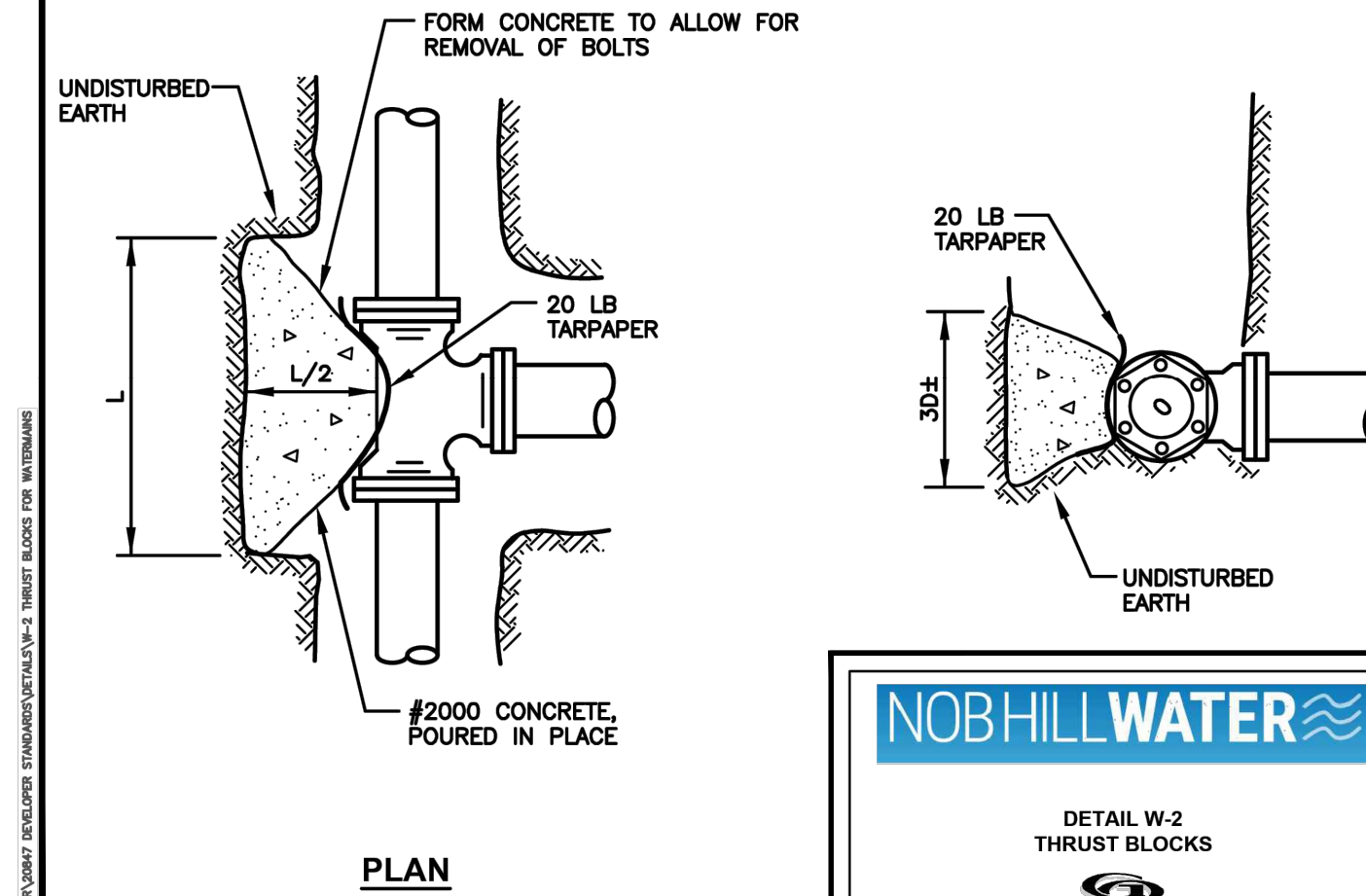
DETAIL W-1
WATER MAIN TRENCH SECTION

MINIMUM BEARING AREA TABLE					
FITTING D	TEE	90°	45°	22 1/2°	11 1/4°
6"	4 SQ FT	6 SQ FT	3 SQ FT	2 SQ FT	2 SQ FT
8"	7 SQ FT	10 SQ FT	6 SQ FT	3 SQ FT	2 SQ FT
10"	10 SQ FT	15 SQ FT	9 SQ FT	5 SQ FT	3 SQ FT
12"	14 SQ FT	22 SQ FT	12 SQ FT	6 SQ FT	4 SQ FT
16"	25 SQ FT	38 SQ FT	21 SQ FT	11 SQ FT	7 SQ FT
18"	32 SQ FT	48 SQ FT	27 SQ FT	14 SQ FT	8 SQ FT

TYPICAL FOR SANDY SOIL WITH 2,000 PSF BEARING STRENGTH & 100 PSI WORKING PRESSURE. ADJUST BEARING AREA BY PRESSURE & SOIL BEARING CAPACITY. USE TEE FOR DEAD ENDS.

NOTES

- BLOCKING SHALL BE TO SOLID BEARING SURFACE.
- FITTING SHALL BE PROTECTED WITH VISQUEEN.
- BEARING AREA SHALL BE PROPORTIONALLY INCREASED WITH PRESSURES IN EXCESS OF 100 PSI OR IN SOIL CONDITIONS WITH LESS THAN 2,000 PSF BEARING STRENGTH.
- ALL BLOCKS ON TEES SHALL BE SEPARATED FOR DIRECTION OF THRUST.



DETAIL W-2
THRUST BLOCKS



NOB HILL WATER ASSOCIATION

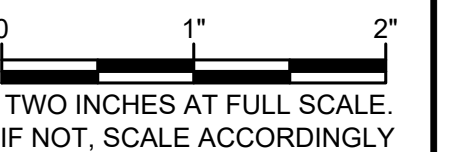
WESTBROOK RESERVOIRS IMPROVEMENTS

No.	DATE	REVISION

ISSUED FOR:

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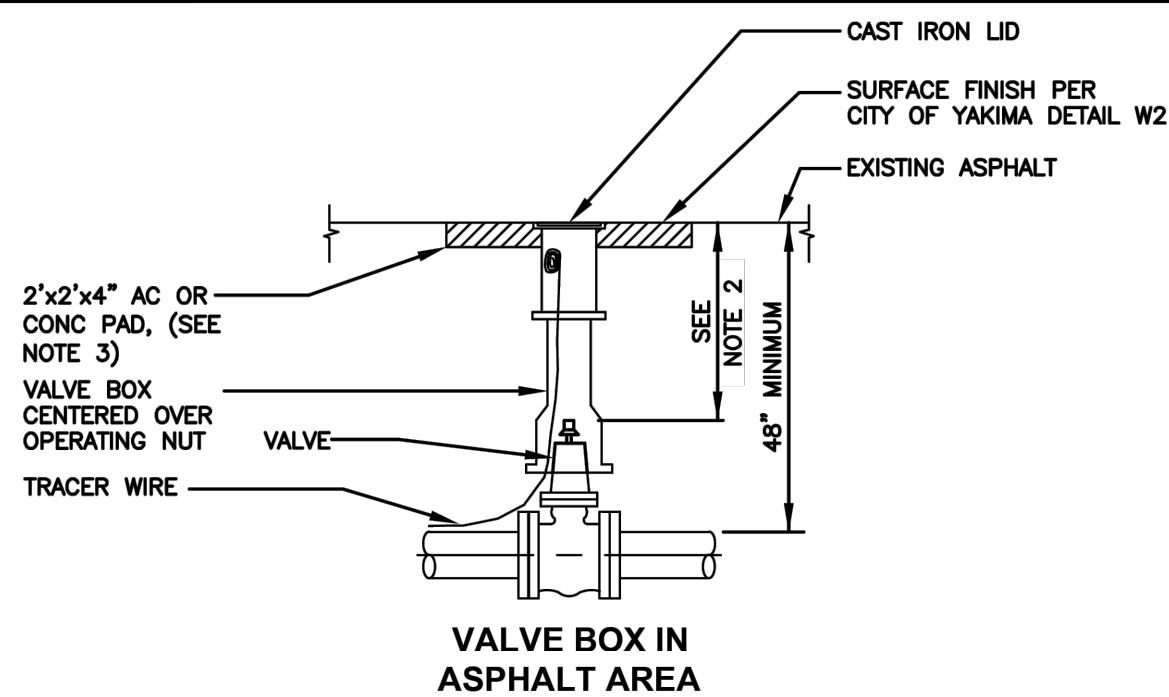
ISSUE DATE:	MAY 2026
APPROVED BY:	JRA/ZKG
CHECKED BY:	JRA/ZKG
DRAWN BY:	BJS
DESIGNER:	JRA/ZKG
G & O JOB NO.:	23873
FILE:	NHW DETAILS.DWG



GENERAL

DEVELOPER STANDARD DETAILS

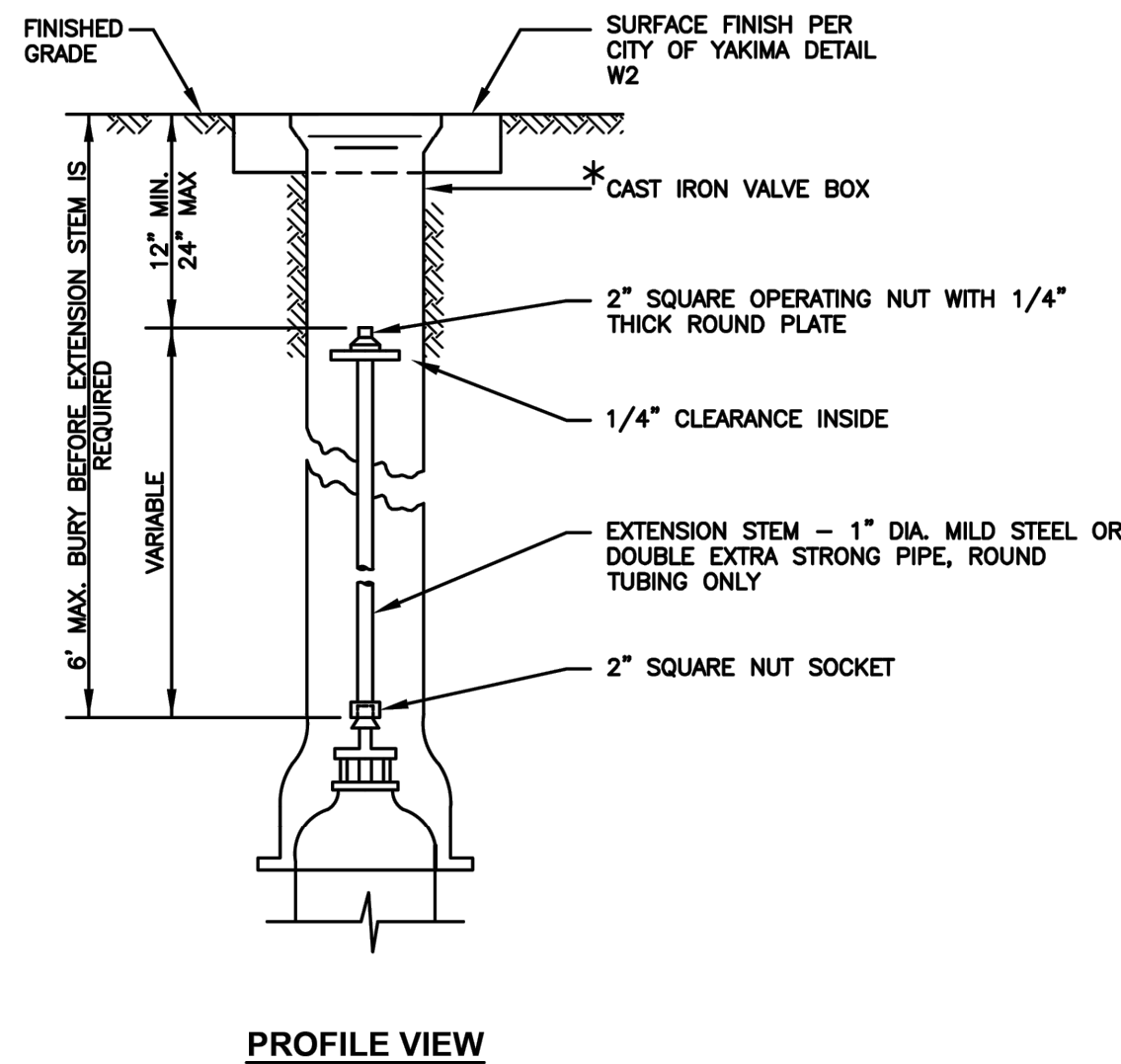
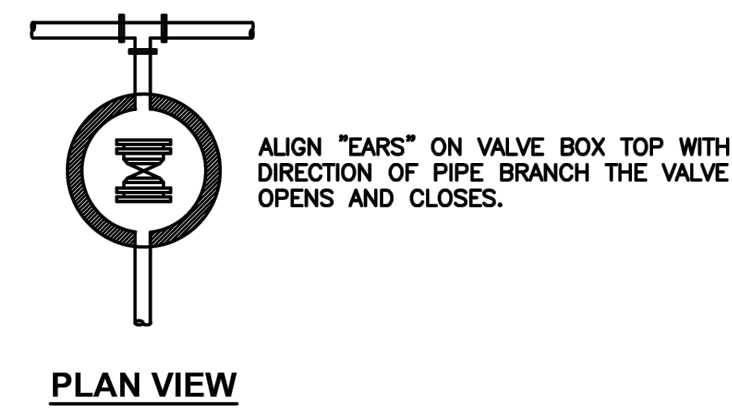
DRAWING: **G-5** OF: **5**



NOTES

- EACH VALVE SHALL BE PROVIDED WITH AN ADJUSTABLE CAST IRON VALVE BOX OF 5 INCHES (5") INSIDE DIAMETER. VALVE BOXES SHALL HAVE A TOP SECTION WITH AN EIGHTEEN INCH (18") MIN. LENGTH. THE VALVE BOX SHALL BE RICH No. 940 OR SATHER MANUFACTURING. VALVE BOX EARS SHALL BE PLACED IN LINE WITH PIPE IT SERVES.
- 18" MINIMUM, 24" MAXIMUM FOR OPERATOR NUT IF EXTENSION IS REQUIRED.
- CONCRETE OR AC PAD REQUIRED IN AREAS OUTSIDE OF STREET.

DETAIL W-4
TYPICAL VALVE INSTALLATION



* CAST IRON VALVE BOX EXTENSION SHALL UTILIZE 5" CAST IRON "SOIL PIPE." BELL END TO BE PLACED OVER TOP OF VALVE BOX BOTTOM.

DETAIL W-5
VALVE STEM EXTENSION

PIPING SYMBOLS

DOUBLE LINE	SINGLE LINE	
		EXISTING PIPE
		NEW PIPE
		EXISTING PIPE TO BE REMOVED
		WELDED
		FLANGED
		MECHANICAL JOINT
		FLANGED COUPLING ADAPTER
		FLEXIBLE COUPLING
		ADAPTOR FLANGE
		RESTRAINED FLEXIBLE COUPLING
		BLIND FLANGE
		CHECK VALVE
		GATE VALVE
		PLUG VALVE
		BUTTERFLY VALVE
		CONCENTRIC REDUCER
		ELBOW, 45°
		ELBOW, 90°
		ELBOW UP
		ELBOW DOWN
		TEE
		TEE UP
		TEE DOWN
		CROSS
		WYE
		VALVE WITH MOTOR ACTUATOR
		DENOTES ITEMS TO BE REMOVED AND DISPOSED OF BY CONTRACTOR IN ACCORDANCE WITH THE SPECIFICATIONS

RESERVOIR STRUCTURAL NOTES

GENERAL
 THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SITE CONDITIONS BEFORE STARTING WORK. THE ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCY. USE DETAIL MARKED "TYPICAL" WHEREVER APPLICABLE. CHANGES, OMISSIONS OR SUBSTITUTIONS ARE NOT PERMITTED WITHOUT WRITTEN APPROVAL OF THE ENGINEER. REFER TO THE SPECIFICATIONS FOR FURTHER REQUIREMENTS. DO NOT SCALE THE DRAWINGS.

ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE 2021 EDITION OF THE INTERNATIONAL BUILDING CODE.

THE DESIGN, ADEQUACY AND SAFETY OF ERECTION BRACING, SHORING, TEMPORARY SUPPORTS, ETC., IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR, AND HAS NOT BEEN CONSIDERED BY THE ENGINEER OF RECORD. THE CONTRACTOR IS RESPONSIBLE FOR THE STABILITY OF THE STRUCTURE PRIOR TO ITS COMPLETION. THE CONTRACTOR SHALL PROVIDE THE NECESSARY BRACING TO PROVIDE STABILITY PRIOR TO THE COMPLETION OF THE STRUCTURE.

THE GENERAL NOTES APPLY TO ALL STRUCTURES UNLESS NOTED OTHERWISE (U.N.O.). LOCATION AND SIZE OF ANCHOR BOLTS FOR SPECIFIC EQUIPMENT SHALL BE SPECIFIED BY THE VENDOR. CONTRACTOR SHALL COORDINATE LOCATIONS OF STRUCTURAL OPENINGS, PENETRATIONS AND EMBEDDED ITEMS WITH THE MECHANICAL, ARCHITECTURAL, ELECTRICAL, PLUMBING AND VENTILATION SECTIONS OF THE DRAWINGS AND WITH SUPPLIERS AND SUBCONTRACTORS AS MAY BE REQUIRED.

SPECIAL INSPECTION & TESTING
 SPECIAL INSPECTIONS SHALL MEET THE REQUIREMENTS OF IBC CHAPTER 17. OBSERVE THE WORK ASSIGNED FOR CONFORMANCE WITH APPROVED DRAWINGS AND SPECIFICATIONS.

FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL AND ENGINEER. DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION; THEN, IF NOT CORRECTED, TO THE BUILDING OFFICIAL AND ENGINEER. SUBMIT A FINAL REPORT STATING THE WORK WAS IN CONFORMANCE WITH THE APPROVED DRAWINGS AND SPECIFICATIONS AND THE APPLICABLE WORKMANSHIP PROVISIONS OF IBC.

SPECIAL INSPECTION REQUIRED:
 STEEL: IN ACCORDANCE WITH SECTION 1705.2 AND TABLE 1705.2.3
 CONCRETE: IN ACCORDANCE WITH SECTION 1705.3 AND TABLE 1705.3
 SOIL: IN ACCORDANCE WITH SECTION 1705.6 AND TABLE 1705.6

ALL WATER CONTAINMENT STRUCTURES SHALL BE TESTED FOR WATER TIGHTNESS. TESTING OF WATER CONTAINMENT STRUCTURES FOR WATER TIGHTNESS SHALL BE PERFORMED IN COMPLIANCE WITH ACI 350.1. THESE STRUCTURES INCLUDE, BUT ARE NOT LIMITED TO THE FOLLOWING:

DESIGN LOADS

ROOF SNOW LOAD:	
DESIGN SNOW LOAD, Ps.....	24 PSF
GROUND SNOW LOAD, Pg.....	25 PSF
FLAT ROOF SNOW LOAD, Pf.....	24 PSF
SNOW EXPOSURE FACTOR, Ce.....	1.0
SNOW LOAD IMPORTANCE FACTOR, Is.....	1.2
THERMAL FACTOR, Ct.....	1.1
ROOF LIVE LOAD, Lr.....	20 PSF

EARTHQUAKE DESIGN DATA

MAPPED SPECTRAL RESPONSE ACCELERATIONS	
Ss.....	0.491
S1.....	0.204
SITE CLASS.....	D
SPECTRAL RESPONSE COEFFICIENT	
Sds.....	0.461 g
Sd1.....	0.298 g
SEISMIC IMPORTANCE FACTOR, Ie.....	1.25
RISK CATEGORY.....	IV
SEISMIC DESIGN CATEGORY.....	D
BASIC SEISMIC-FORCE-RESISTING SYSTEM(S).....	PRECAST CONCRETE SHEAR WALLS
ALLOWABLE BEARING PRESSURE.....	2500 PSF

REINFORCING STEEL
 PROVIDE 2-#5 MIN. U.N.O. TRIM BARS AROUND ALL OPENINGS IN CONCRETE WALLS OR SLAB EXTENDING 2'-6" PAST CORNERS, TYP. AT TIME OF CONCRETE PLACEMENT, REINFORCING SHALL BE FREE OF MUD, OIL, OR OTHER NONMETALLIC COATINGS THAT MAY DECREASE BOND.

ADHESIVE ANCHORS SHALL NOT BE INSTALLED IN FRESH CONCRETE UNTIL THE CONCRETE HAS REACHED A MINIMUM AGE OF 21 DAYS.

SPECIAL INSPECTION SCHEDULE

VERIFICATION AND INSPECTION	CI	PI	REMARKS/REFERENCES
CONCRETE:			
REINFORCING STEEL INCLUDING PLACEMENT	-	X	ACI 318: CH 20, 25.2, 25.3, 26.6.1-26.6.3
ANCHOR RODS, EMBEDDED BOLTS AND INSERTS	X	-	PRIOR TO AND DURING PLACEMENT OF CONCRETE
USE OF REQUIRED DESIGN MIX	-	X	ACI 318: CH. 19, 26.4.3, 26.4.4
CONCRETE SLUMP, AIR CONTENT, TEMPERATURE AND TEST SPECIMENS	X	-	WHILE MAKING SPECIMENS FOR STRENGTH TESTS
CONCRETE AND SHOTCRETE PLACEMENT	X	-	ACI 318: 26.5
CONCRETE CURING	-	X	ACI 318: 26.5.3-26.5.5
CONCRETE FORMWORK FOR SHAPE, LOCATIONS AND DIMENSIONS	-	X	ACI 318: 26.11.1.2(6)
STEEL:			
MATERIAL VERIFICATION OF HIGH-STRENGTH BOLTS, NUTS AND WASHERS:			
MANUFACTURER'S CERTIFICATE	-	X	
INSPECTION OF HIGH-STRENGTH BOLTING:	-	X	AISC 360, SECTION N5.6
MATERIAL VERIFICATION OF STRUCTURAL STEEL AND COLD-FORMED STEEL DECK:	-	X	
IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS	-	X	AISC 360, N5.7
INSPECTION OF WELDING:			SHOP AND FIELD
COMPLETE AND PARTIAL PENETRATION GROOVE WELDS	X	-	AWS D1.1
MULTIPASS, SINGLE-PASS FILLET WELDS > 5/16", PLUG AND SLOT WELDS	X	-	AWS D1.1
SINGLE-PASS FILLET WELDS < 5/16", FLOOR AND ROOF DECK WELDS	-	X	AWS D1.3
REINFORCING STEEL	X	-	AWS D1.4, ACI 318: SECTION 26.6.4
SOILS:			
VERIFY DESIGN BEARING CAPACITY	-	X	
VERIFY EXCAVATIONS	-	X	
CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS	-	X	
USE OF MATERIALS, DENSITIES AND LIFT THICKNESSES	X	-	DURING PLACEMENT AND COMPACTION
OBSERVE SUBGRADE AND SITE PREPARED PROPERLY	-	X	PRIOR TO PLACEMENT OF COMPACTED FILL

INSPECTION SCHEDULE NOTES:

- ITEMS MARKED WITH AN "X" REQUIRE INSPECTION BY A SPECIAL INSPECTOR APPROVED BY THE BUILDING OFFICIAL.
- ITEMS MARKED "NA" ARE NOT APPLICABLE TO THIS PROJECT.
- CI = CONTINUOUS INSPECTION DURING PROGRESS OF WORK BY SPECIAL INSPECTOR.
- PI = PERIODIC INSPECTION BY SPECIAL INSPECTOR AS REQUIRED TO CONFIRM CONFORMANCE OF WORK.
- TESTING AND INSPECTION REPORTS SHALL BE SUBMITTED TO THE ENGINEER, BUILDING OFFICIAL AND CONTRACTOR.
- CONTRACTOR WILL CONTRACT FOR SPECIAL INSPECTION SERVICES. CONTRACTOR SHALL ENSURE OWNER AND ENGINEER OR FIELD REPRESENTATIVE ARE PRESENT FOR ALL SPECIAL INSPECTIONS.

Gray & Osborne, Inc.
 CONSULTING ENGINEERS
 191 IRONHORSE COURT
 SUITE 101
 YAKIMA, WA 98901
 (509) 453-4833



NOB HILL WATER ASSOCIATION

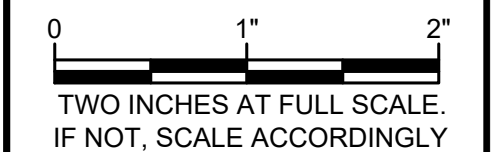
WESTBROOK RESERVOIRS IMPROVEMENTS

No.	DATE	REVISION

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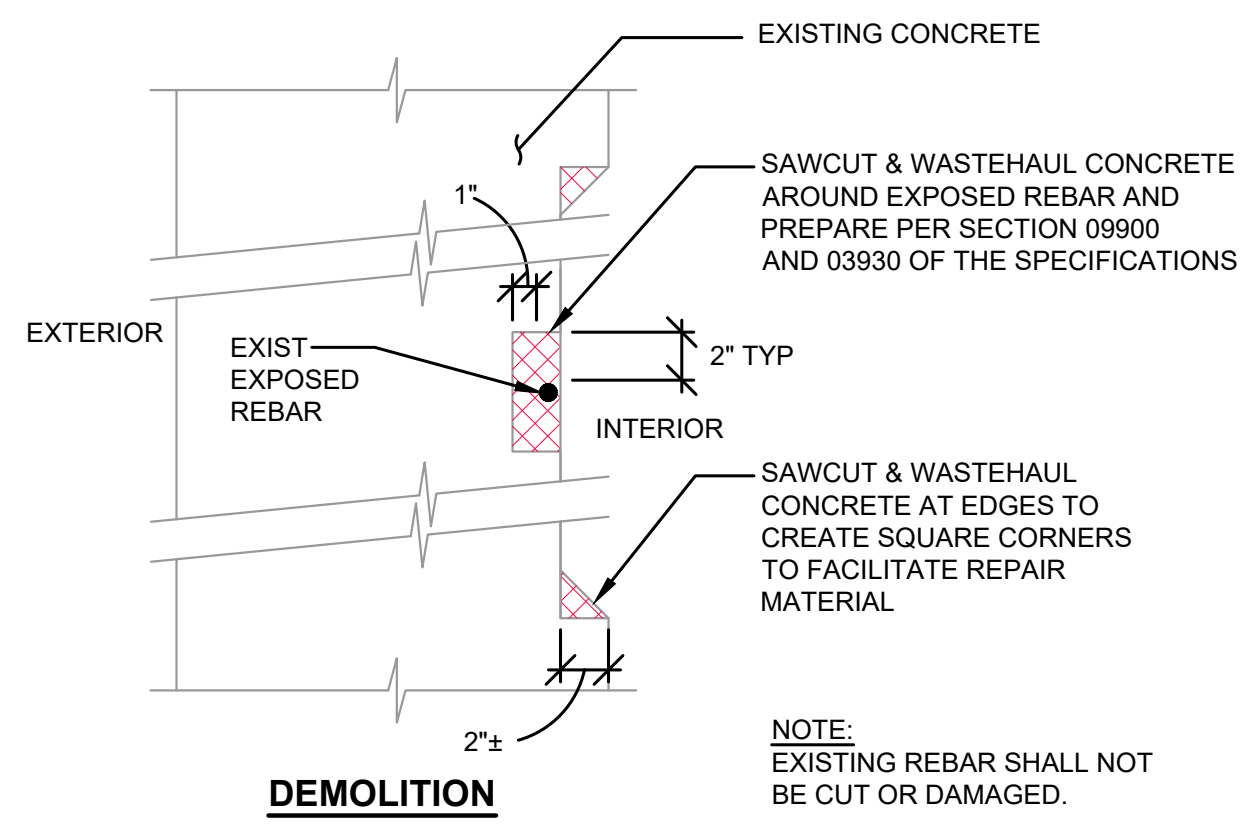
ISSUE DATE:	MAY 2026
APPROVED BY:	AMQ/ZKG
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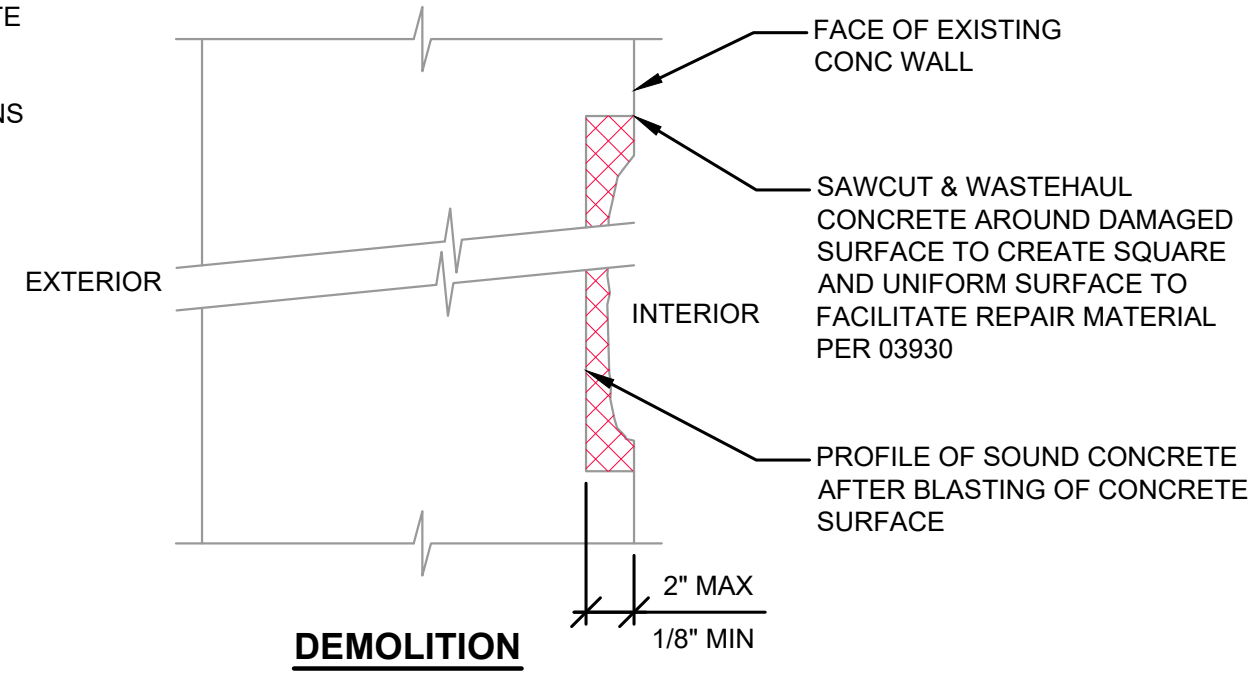
RESERVOIR DETAILS

MECHANICAL DETAILS

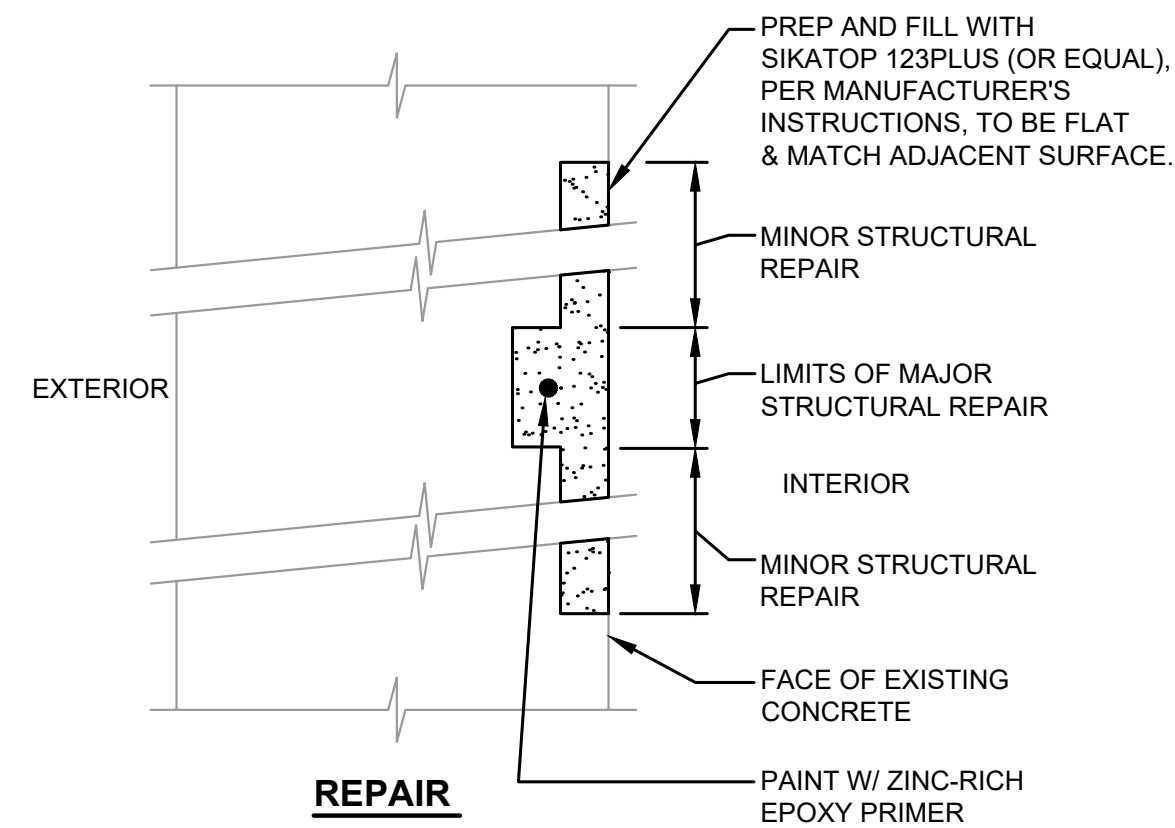
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DEMOLITION



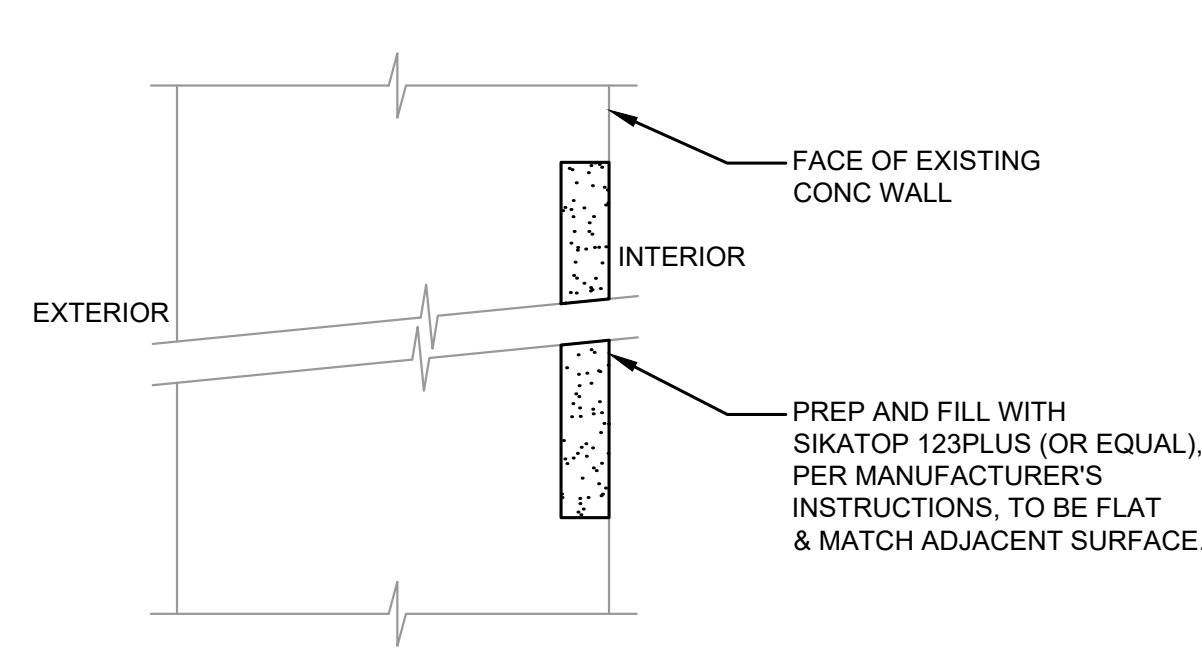
DEMOLITION



REPAIR

NOTES:

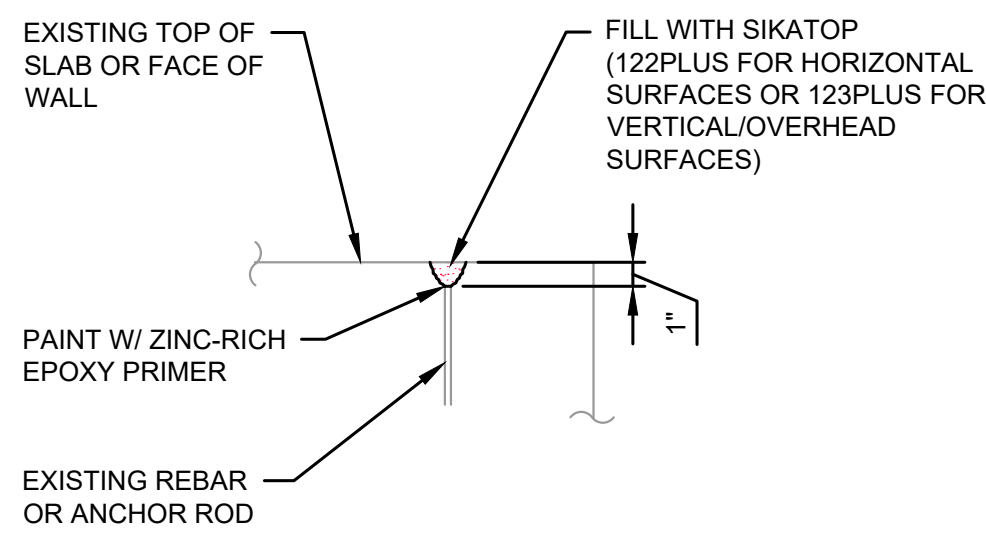
1. APPLY ALL REPAIR PRODUCTS PER MANUFACTURER INSTRUCTIONS.



REPAIR

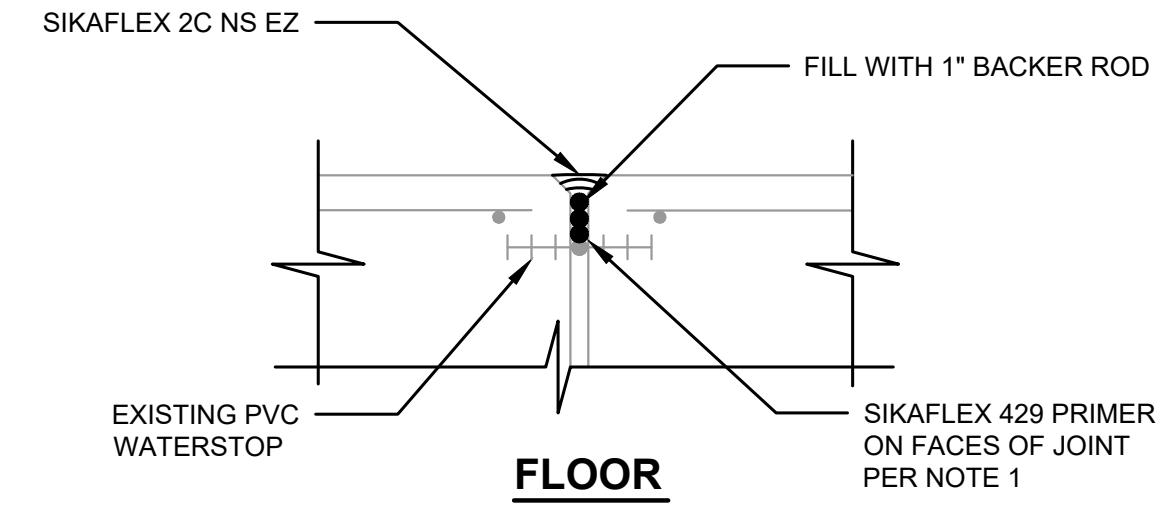
NOTES:

1. APPLY ALL REPAIR PRODUCTS PER MANUFACTURER INSTRUCTIONS.

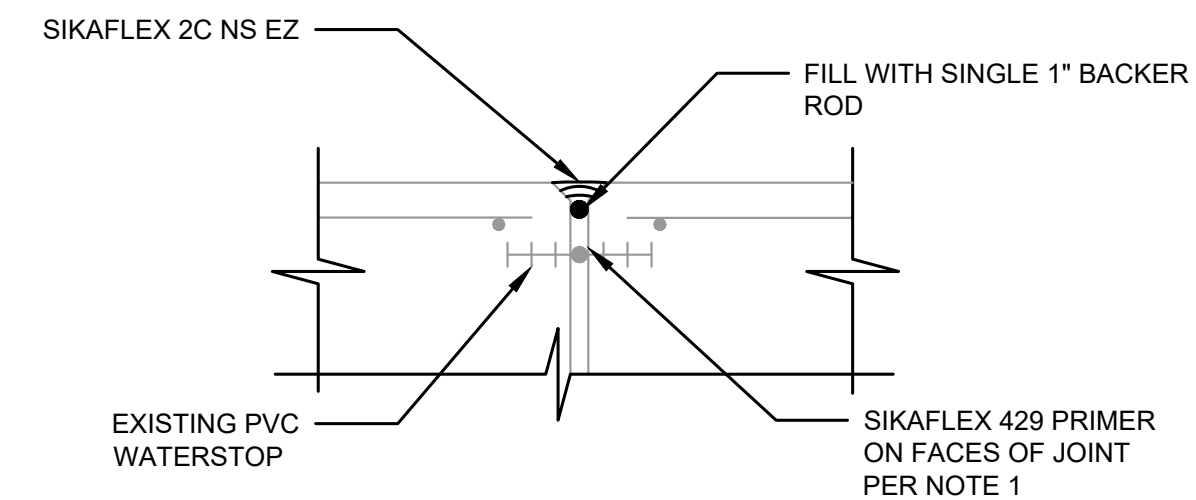


NOTES:

1. APPLY ALL REPAIR PRODUCTS PER MANUFACTURER INSTRUCTIONS.



FLOOR

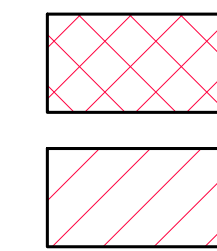


WALL

NOTES:

1. FACES OF CONCRETE WITHIN EXPANSION JOINT SHALL BE COATED WITH SIKAFLEX 429 PRIMER.
2. APPLY ALL REPAIR PRODUCTS PER MANUFACTURER INSTRUCTIONS.
3. ADDITIONAL BACKER ROD SHALL BE ADDED, AS NECESSARY.

LEGEND:



ITEMS TO BE DEMOLISHED
ITEMS TO BE ABANDONED IN PLACE

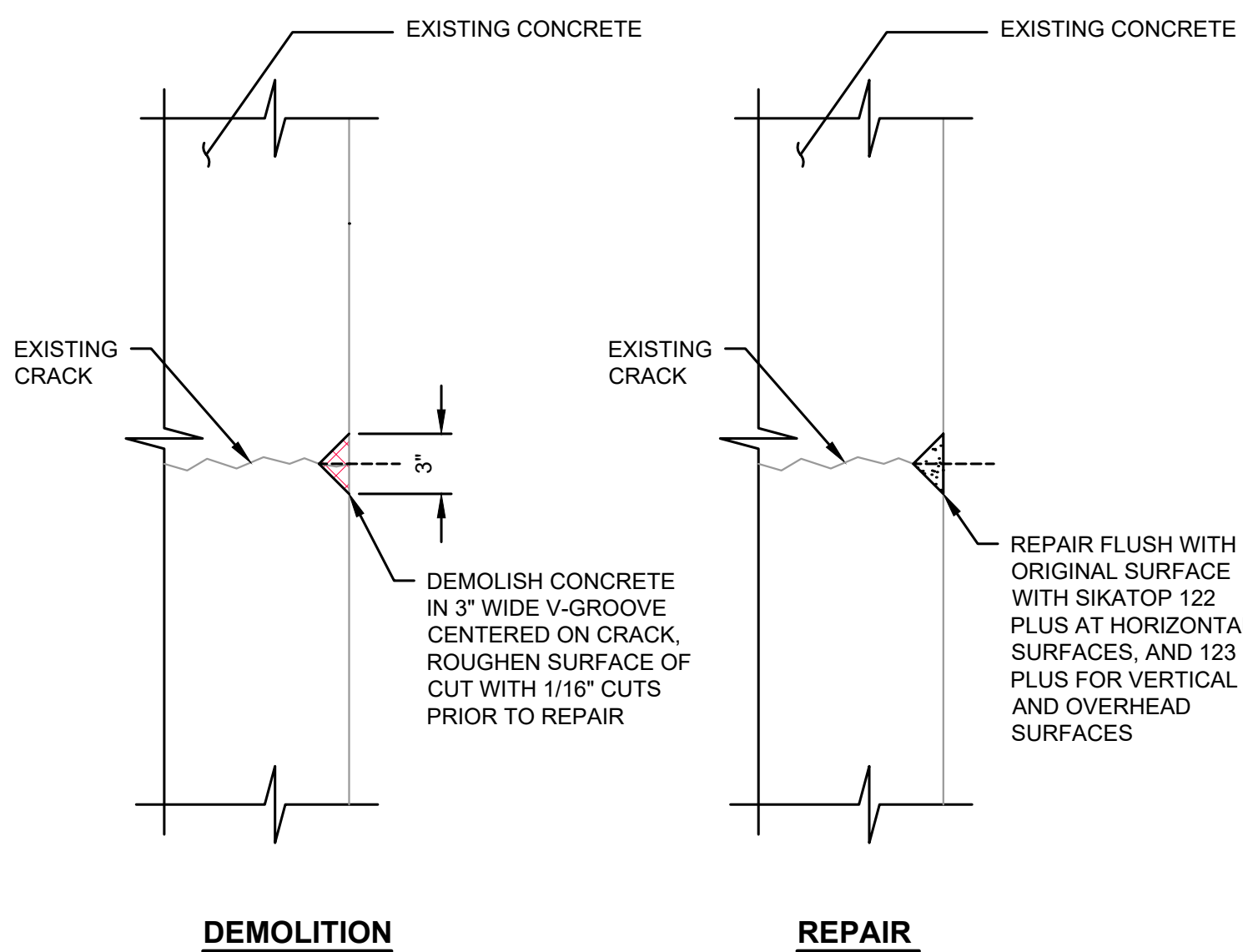


1
TYP
DEEP SPALLING AND CORRODED REBAR REPAIR DETAIL
NOT TO SCALE

2
TYP
SHALLOW SPALLING REPAIR DETAIL
NOT TO SCALE

3
TYP
EXPOSED REBAR END REPAIR DETAIL
SCALE: 1 1/2"=1'-0"

4
TYP
TYPICAL WALL AND FLOOR SLAB EXPANSION JOINT SEALANT REPAIR
SCALE: 1 1/2"=1'-0"



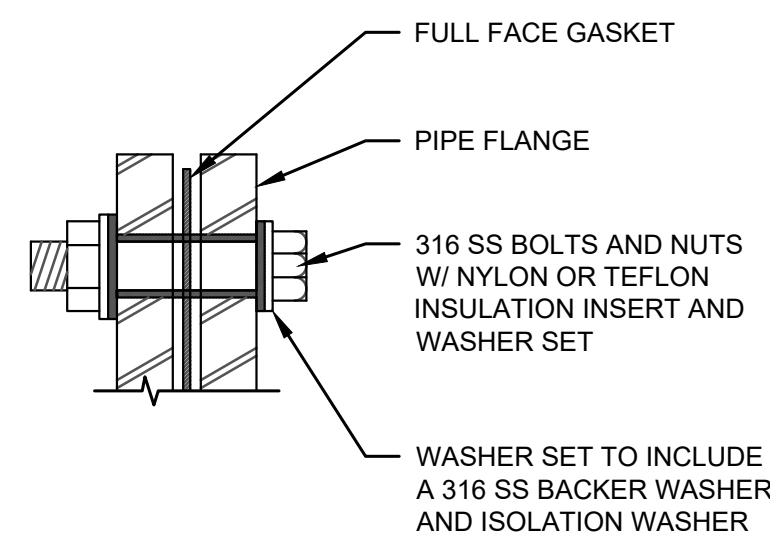
DEMOLITION

REPAIR

NOTES:

1. APPLY ALL REPAIR PRODUCTS PER MANUFACTURER INSTRUCTIONS.

5
TYP
TYPICAL SURFACE REPAIR OF INTERIOR AND EXTERIOR CRACKS
SCALE: 1 1/2"=1'-0"



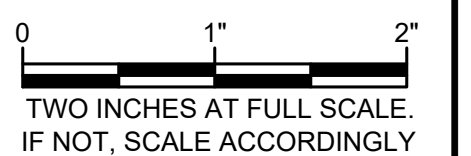
6
TYP
DIELECTRIC COUPLING
NOT TO SCALE

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DESIGNER:	AMQ/ZKG
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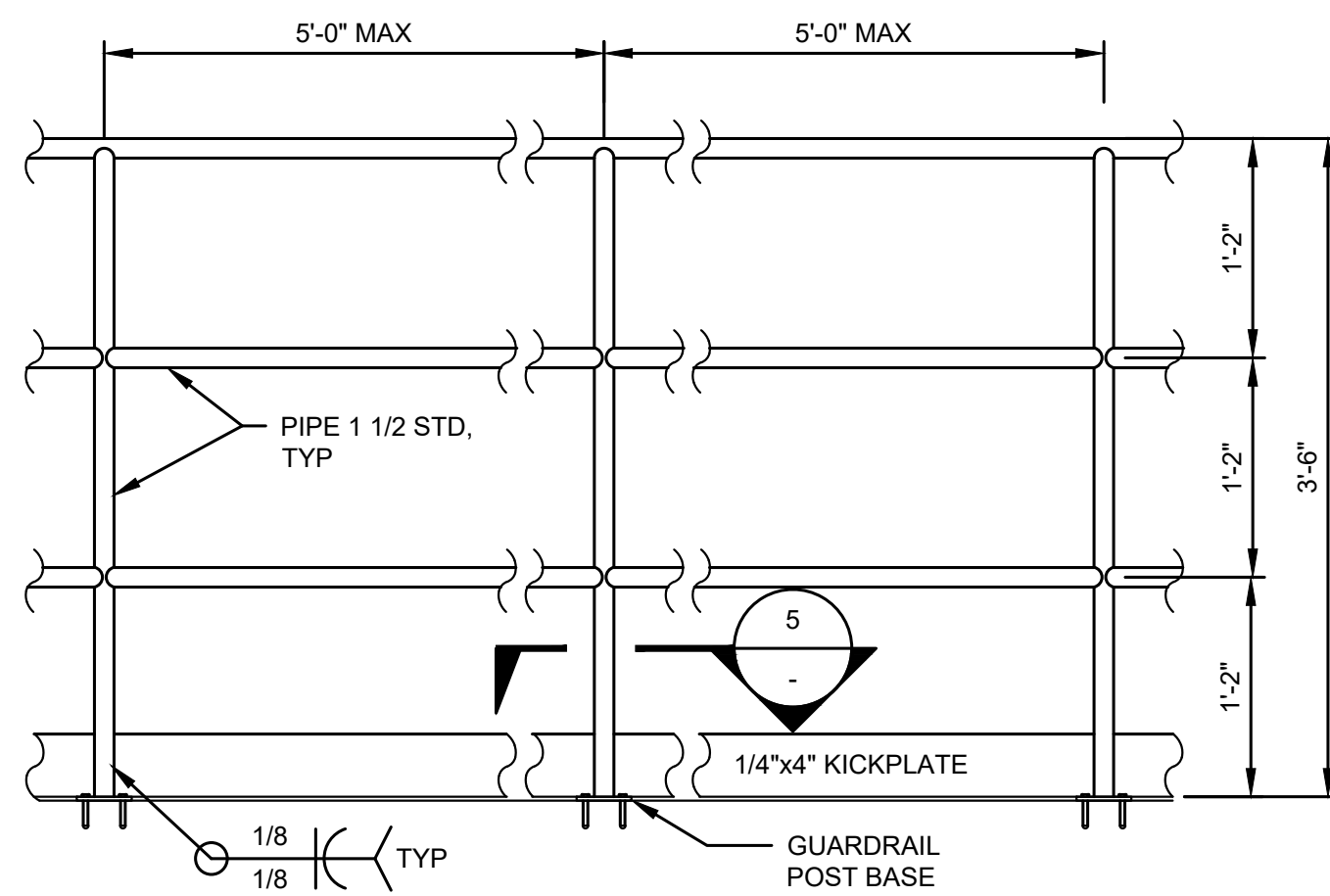
RESERVOIR DETAILS

MISCELLANEOUS RESERVOIR DETAILS

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REINF	LAP
#4	2'-4"
#5	3'-0"
#6	3'-6"
#7	4'-3"
#8	4'-10"
#9	5'-3"
#10	6'-6"
#11	8'-0"

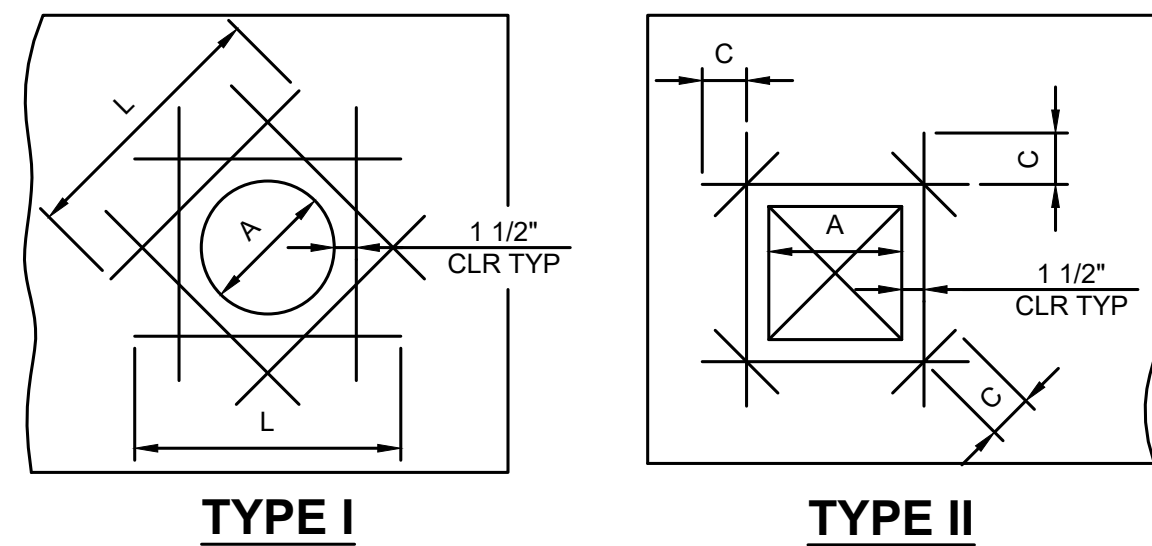
1 TYP LAP SCHEDULE
NOT TO SCALE



NOTES:

- ALL STEEL RAILING SHALL BE HOT-DIP GALVANIZED.

4 TYP GUARDRAIL
SCALE: 1/2"=1'-0"

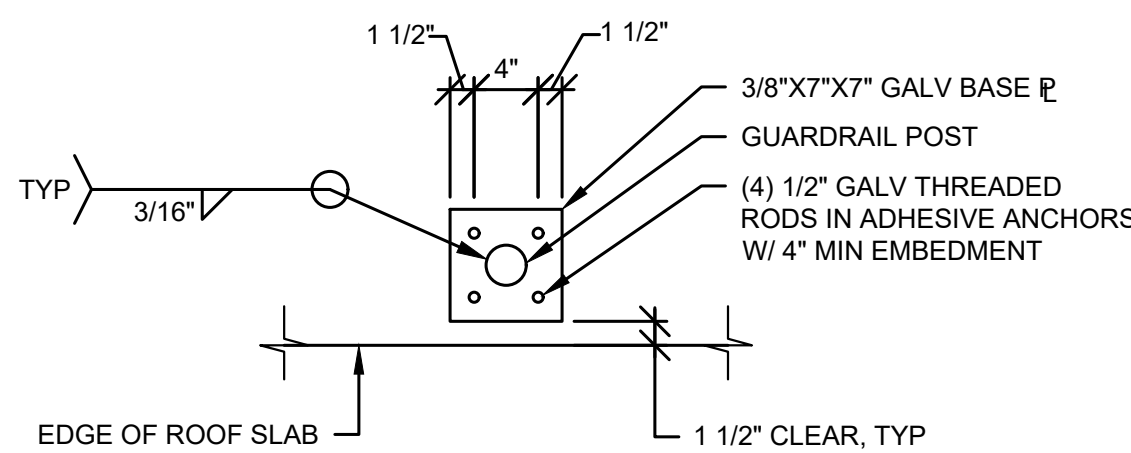


OPENING SIZE (A)	TYPE I		TYPE II	
	MINIMUM BAR LENGTH (L)	BAR SIZE	(C)	BAR SIZE
0" - 12"	3' - 9"	#5	1' - 0"	MATCH VERTICAL BARS OR LARGEST BAR IN SLABS OR WALKWAYS
13" - 18"	4' - 9"	#6	1' - 3"	
19" - 24"	6' - 9"	MATCH VERTICAL BARS OR LARGEST BAR IN SLABS OR WALKWAYS	2' - 6"	
25" - 36"	7' - 9"		2' - 6"	
36"	8' - 9"		2' - 6"	

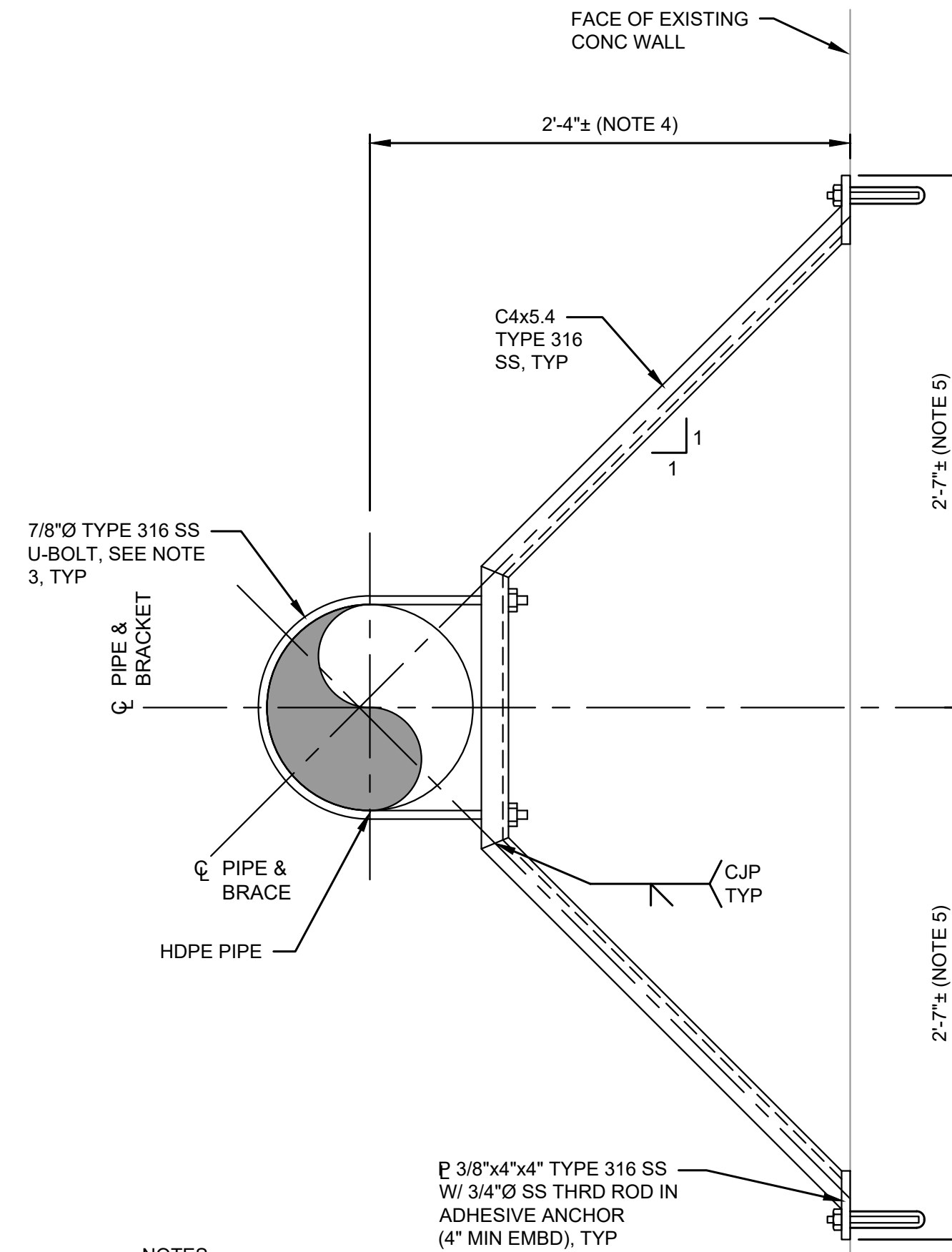
NOTE:

- ALL BARS, EACH FACE. USE THESE BAR SIZES UNLESS OTHERWISE NOTED.

2 TYP PENETRATION REINFORCING DETAIL
NOT TO SCALE



5 GUARDRAIL POST BASE DETAIL
SCALE: 1"=1'-0"



NOTES:

- GENERAL CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS.
- AVOID CUTTING REBAR FOR EMBEDMENTS. CONTRACTOR SHALL LOCATE EXISTING REBAR PRIOR TO CONSTRUCTION.
- U-BOLT SHALL BE SIZED TO FIT SNUGLY AROUND THE PIPE TO BE INSTALLED.
- 1'-6" ± AT SIM.
- 1'-9" ± AT SIM.

3 PLAN DETAIL
SCALE: 1 1/2"=1'-0"

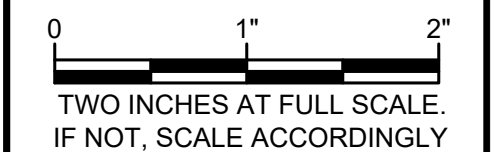


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RESERVOIR DETAILS

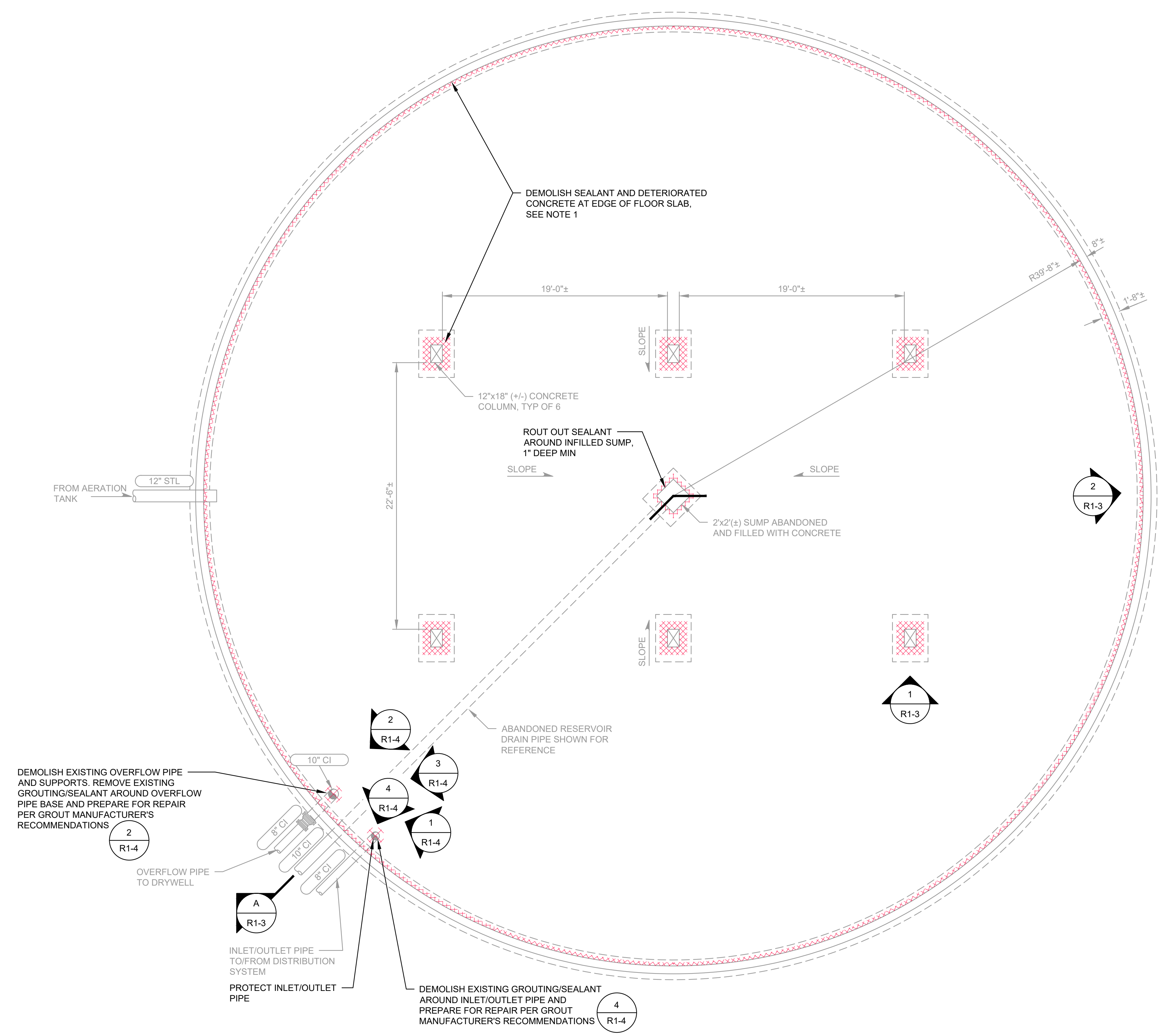
MISCELLANEOUS RESERVOIR DETAILS

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NOB HILL WATER ASSOCIATION

WESTBROOK RESERVOIRS IMPROVEMENTS



LEGEND:

ITEMS TO BE DEMOLISHED

ITEMS TO BE ABANDONED IN PLACE

NOTES:

- APPROXIMATELY 280 LINEAR FEET OF DEMOLITION REQUIRED.
- ALL DIMENSIONS ARE APPROXIMATE AND BASED ON BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL VERIFY EXISTING ITEMS PRIOR TO STARTING WORK. NOTIFY THE ENGINEER IMMEDIATELY IF ANY DISCREPANCIES ARE FOUND.

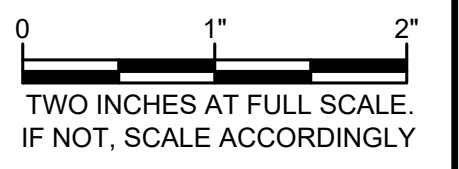
**WESTBROOK RESERVOIR NO. 1
 EXISTING FOUNDATION AND DEMOLITION PLAN**
 SCALE: 3/16"=1'-0"

No.	DATE	REVISION

ISSUED FOR:

BID SET

ISSUE DATE:	MAY 2026
APPROVED BY:	AMQ/ZKG
CHECKED BY:	AMQ/ZKG
DRAWN BY:	BJS
DESIGNER:	AMQ/ZKG
G & O JOB NO.:	23873
FILE:	E-RES1-PLN.DWG

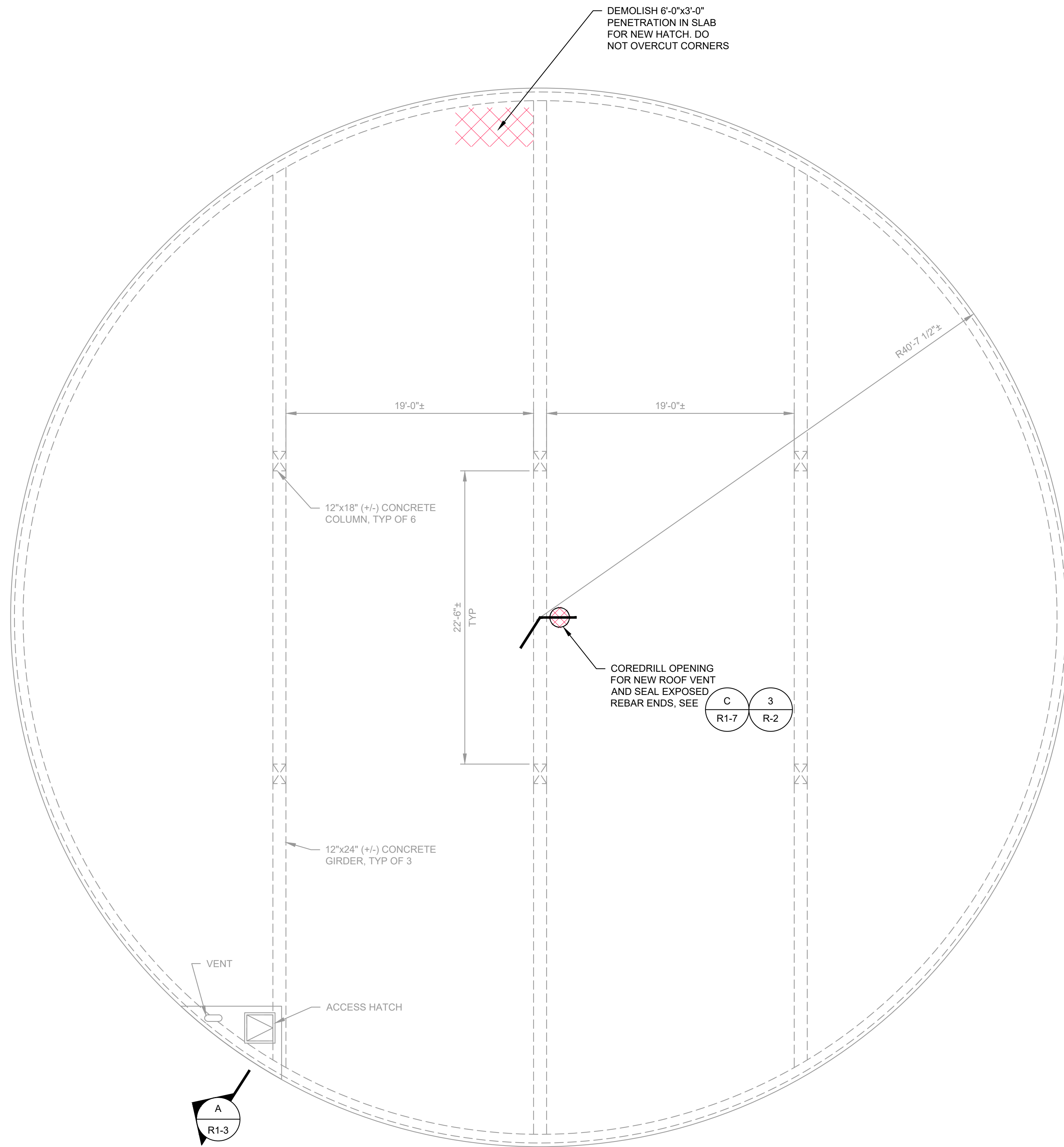


WESTBROOK RESERVOIR NO. 1

FOUNDATION DEMOLITION PLAN

DRAWING: **R1-1** OF: **8**

M:\NOB HILL WATER\23873 - Westbrook Reservoirs Improvements\Plans\Reservoir1\E-RES1-PLN.dwg, 5/18/2026 11:38 AM, BRANDON STEWART



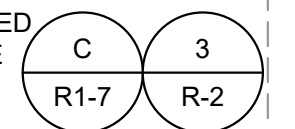
DEMOLISH 6'-0"x3'-0"
PENETRATION IN SLAB
FOR NEW HATCH. DO
NOT OVERCUT CORNERS

12"x18" (+/-) CONCRETE
COLUMN, TYP OF 6

22'-6"±
TYP

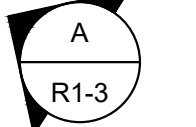
12"x24" (+/-) CONCRETE
GIRDER, TYP OF 3

COREDRILL OPENING
FOR NEW ROOF VENT
AND SEAL EXPOSED
REBAR ENDS, SEE



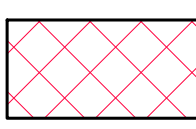
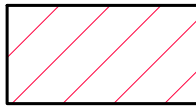
VENT

ACCESS HATCH



**WESTBROOK RESERVOIR NO. 1
EXISTING ROOF AND DEMOLITION PLAN**
SCALE: 3/16"=1'-0"

LEGEND:

-  ITEMS TO BE DEMOLISHED
-  ITEMS TO BE ABANDONED IN PLACE

Gray & Osborne, Inc.
CONSULTING ENGINEERS
191 IRONHORSE COURT
SUITE 101
YAKIMA, WA 98901
(509) 453-4833

**NOB HILL WATER
ASSOCIATION**

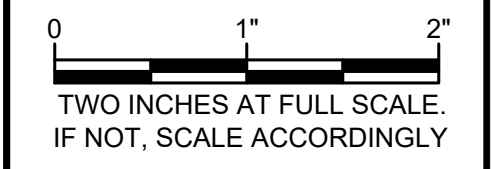
**WESTBROOK
RESERVOIRS
IMPROVEMENTS**

No.	DATE	REVISION

ISSUED FOR:

BID SET

ISSUE DATE:	MAY 2026
APPROVED BY:	AMQ/ZKG
CHECKED BY:	AMQ/ZKG
DRAWN BY:	BJS
DESIGNER:	AMQ/ZKG
G & O JOB NO.:	23873
FILE:	E-RES1-PLN.DWG



**WESTBROOK
RESERVOIR NO. 1**

**ROOF DEMOLITION
PLAN**

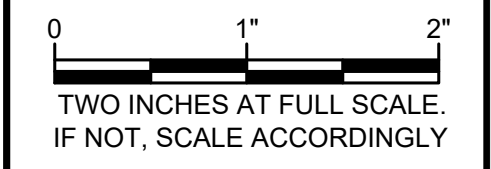
DRAWING: **R1-2** OF: **8**

No.	DATE	REVISION

ISSUED FOR:

BID SET

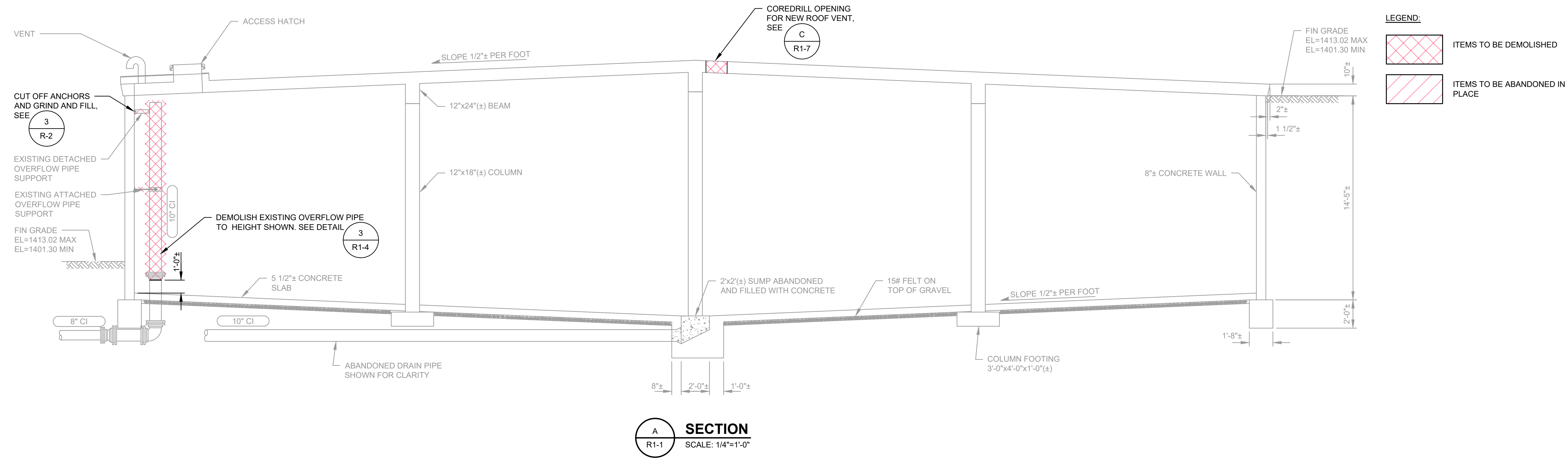
ISSUE DATE:	MAY 2026
APPROVED BY:	AMQ/ZKG
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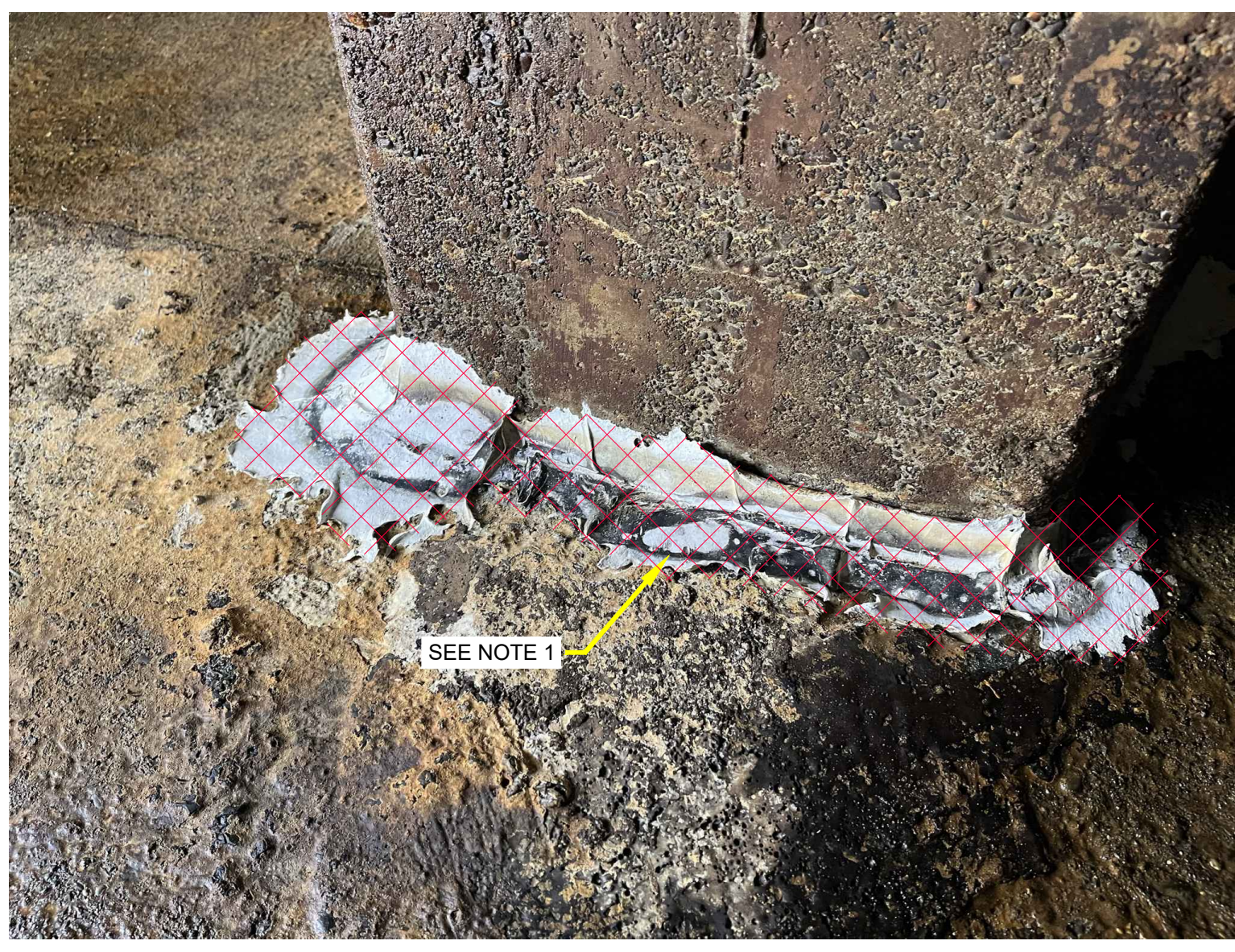
WESTBROOK RESERVOIR NO. 1

DEMOLITION DETAILS

DRAWING: **R1-3** OF: **8**

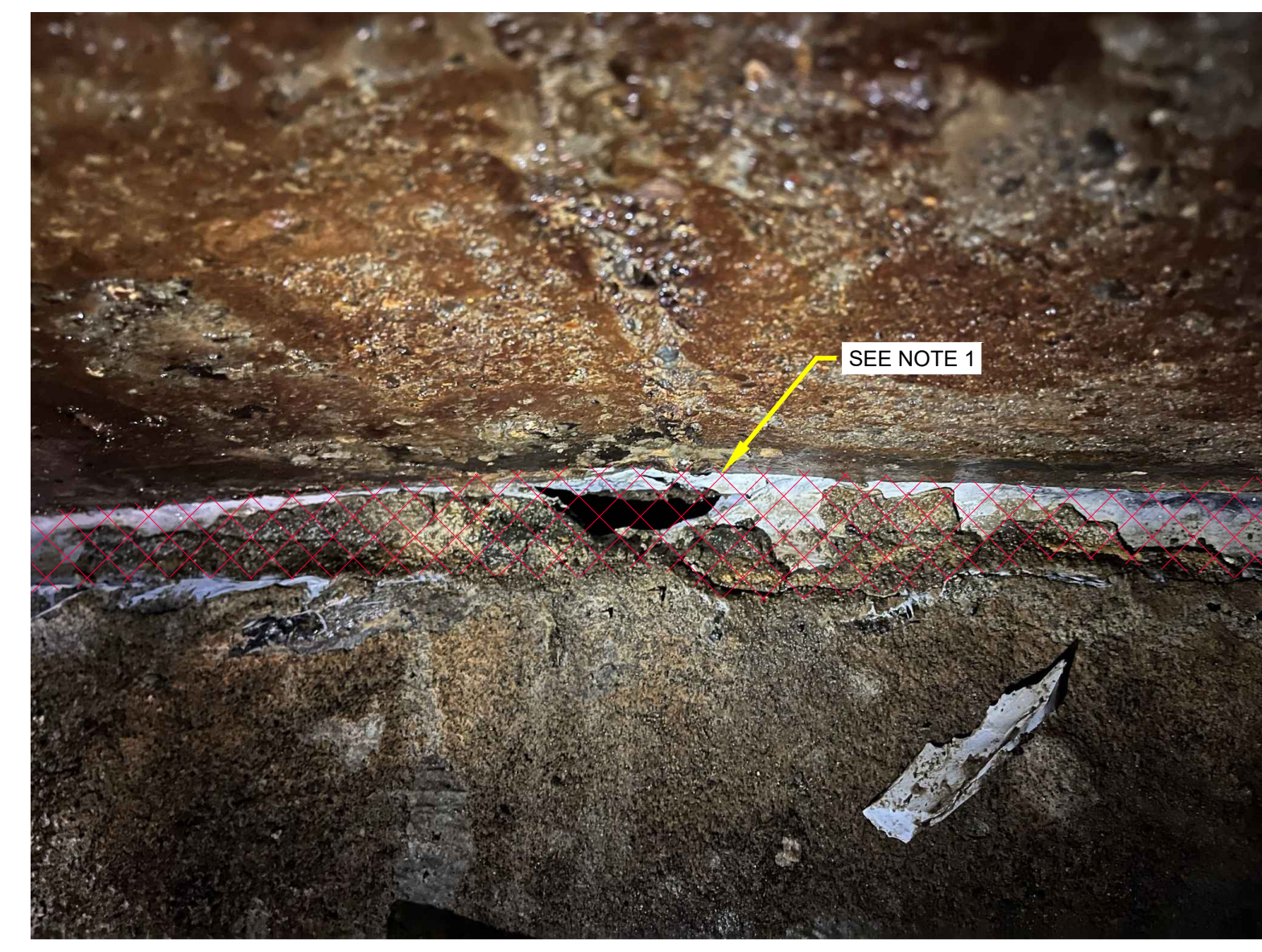


SECTION A
 R1-1
 SCALE: 1/4"=1'-0"



- NOTES:**
1. DEMOLISH AND REPLACE SEALANT AT BASE OF COLUMN.
 2. SEE NOTE 4 ON R1-5 FOR QUANTITY ESTIMATE FOR DEMOLITION.

PHOTO DETAIL - TYPICAL COLUMN BASE SEALANT TO BE REPLACED
 1
 R1-1 NTS



- NOTES:**
1. DEMOLISH SEALANT AND DEGRADED CONCRETE AT BASE OF WALL.
 2. SEE NOTE 1 ON R1-1 FOR QUANTITY ESTIMATE FOR DEMOLITION.

PHOTO DETAIL - TYPICAL BASE OF WALL SEALANT TO DEMOLISHED
 2
 R1-1 NTS



CONTRACTOR TO DEMOLISH EXISTING OVERFLOW PIPE ANCHORS AND REPAIR CONCRETE FLUSH WITH ORIGINAL SURFACE WITH SIKATOP 123 PLUS.

EXISTING OVERFLOW PIPE

DEMOLISH OVERFLOW PIPE ANCHORS PER

3
R-2

1
R1-1 NTS

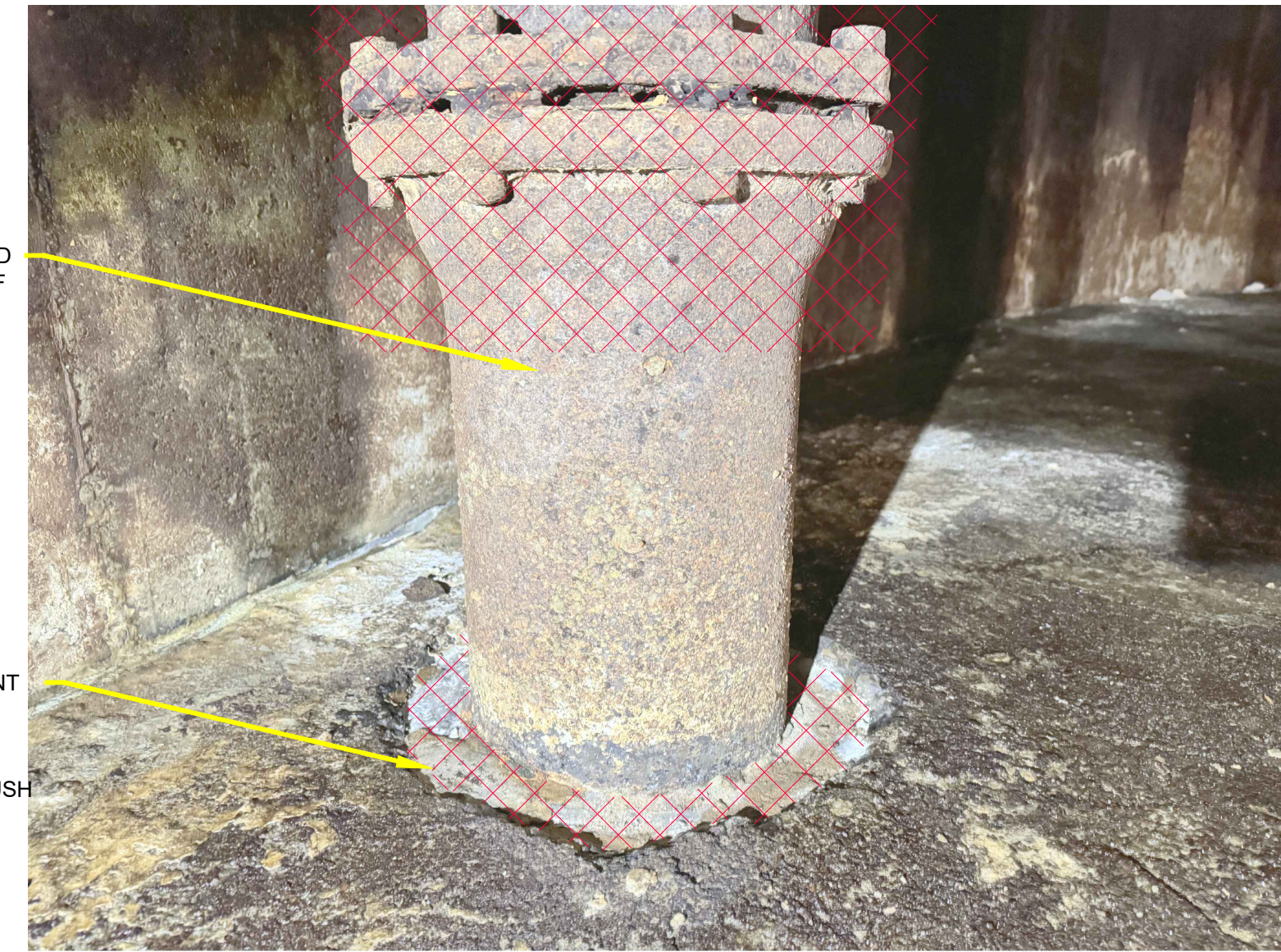
PHOTO DETAIL - OVERFLOW PIPE TOP OF OVERFLOW PIPE AND SUPPORT



EXISTING OVERFLOW PIPE AND PIPE ANCHOR

2
R1-1 NTS

PHOTO DETAIL - OVERFLOW PIPE MIDDLE OF OVERFLOW PIPE AND SUPPORT



CUT OFF PIPE BELOW FLARED END, APPROXIMATELY 1'-0" OF EXISTING OVERFLOW PIPE SHALL REMAIN TO CONNECT THE NEW OVERFLOW PIPE ASSEMBLY

DEMOLISH GROUTING/SEALANT AROUND PIPE TO A MINIMUM DEPTH OF 4". REPAIR WITH REPAIR MORTAR SUCH AS SIKATOP 122 PLUS, TO BE FLUSH WITH ADJACENT FLOOR SURFACE.

3
R1-1 NTS

PHOTO DETAIL - OVERFLOW PIPE OVERFLOW PIPE BASE



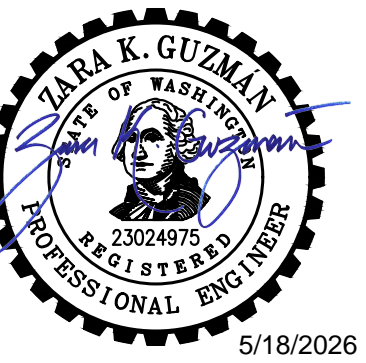
DEMOLISH GROUTING/SEALANT AROUND PIPE TO A MINIMUM DEPTH OF 4". REPAIR WITH REPAIR MORTAR SUCH AS SIKATOP 122 PLUS, TO BE FLUSH WITH ADJACENT FLOOR SURFACE.

4
R1-1 NTS

PHOTO DETAIL INLET/OUTLET PIPE

LEGEND:

-  ITEMS TO BE DEMOLISHED
-  ITEMS TO BE ABANDONED IN PLACE



NOB HILL WATER ASSOCIATION

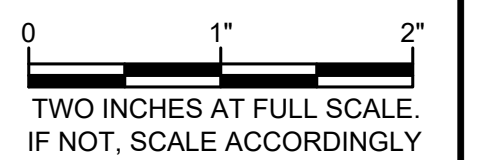
WESTBROOK RESERVOIRS IMPROVEMENTS

No.	DATE	REVISION

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ISSUE DATE:	MAY 2026
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G & O JOB NO.:	23873
FILE:	E-RES1-PLN.DWG



WESTBROOK RESERVOIR NO. 1

DEMOLITION PHOTO DETAILS

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NOB HILL WATER ASSOCIATION

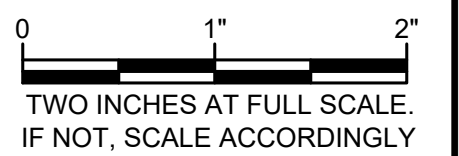
WESTBROOK RESERVOIRS IMPROVEMENTS

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BID SET

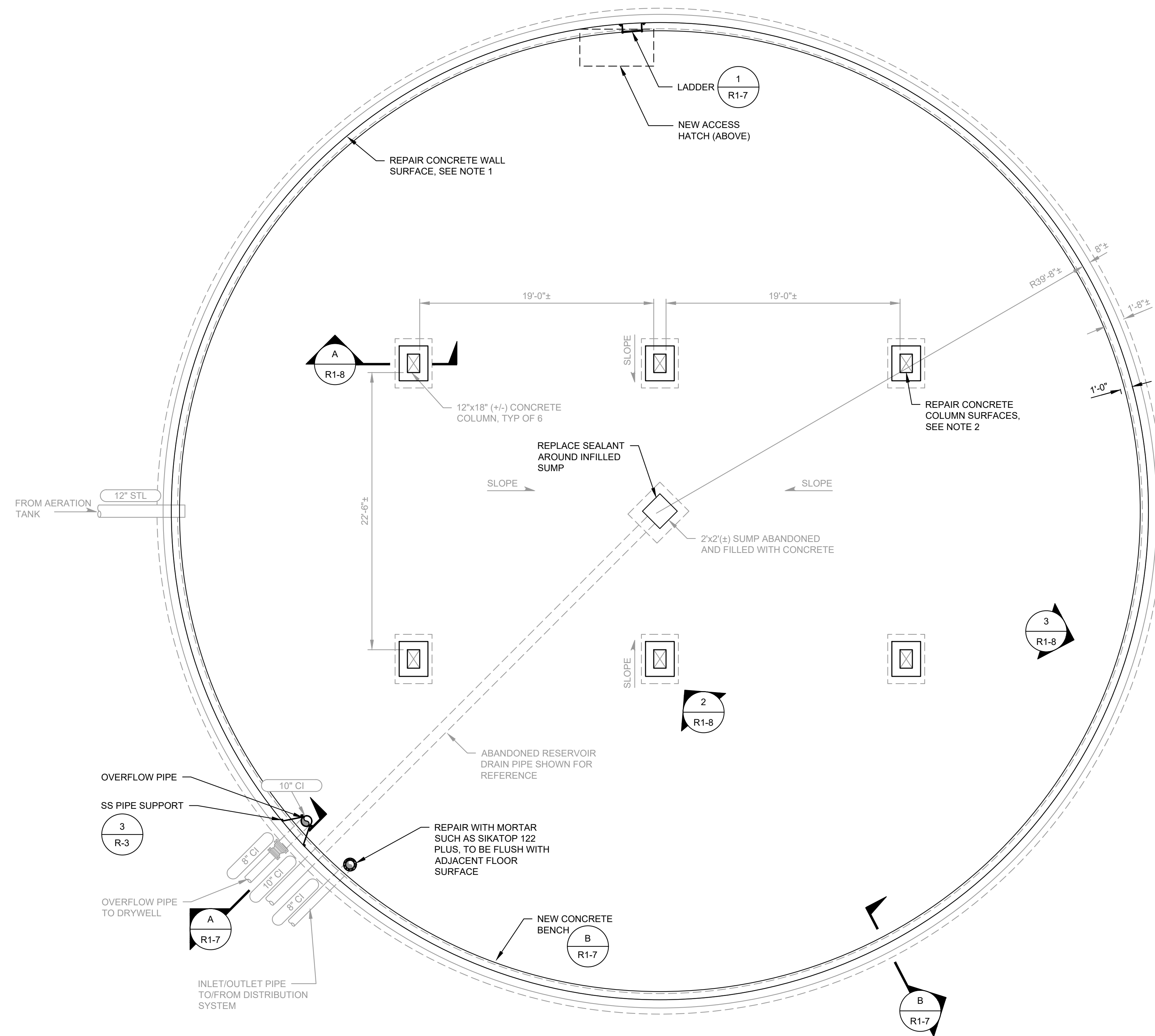
ISSUE DATE:	MAY 2026
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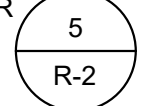
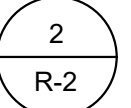
WESTBROOK RESERVOIR NO. 1

PROPOSED FOUNDATION PLAN

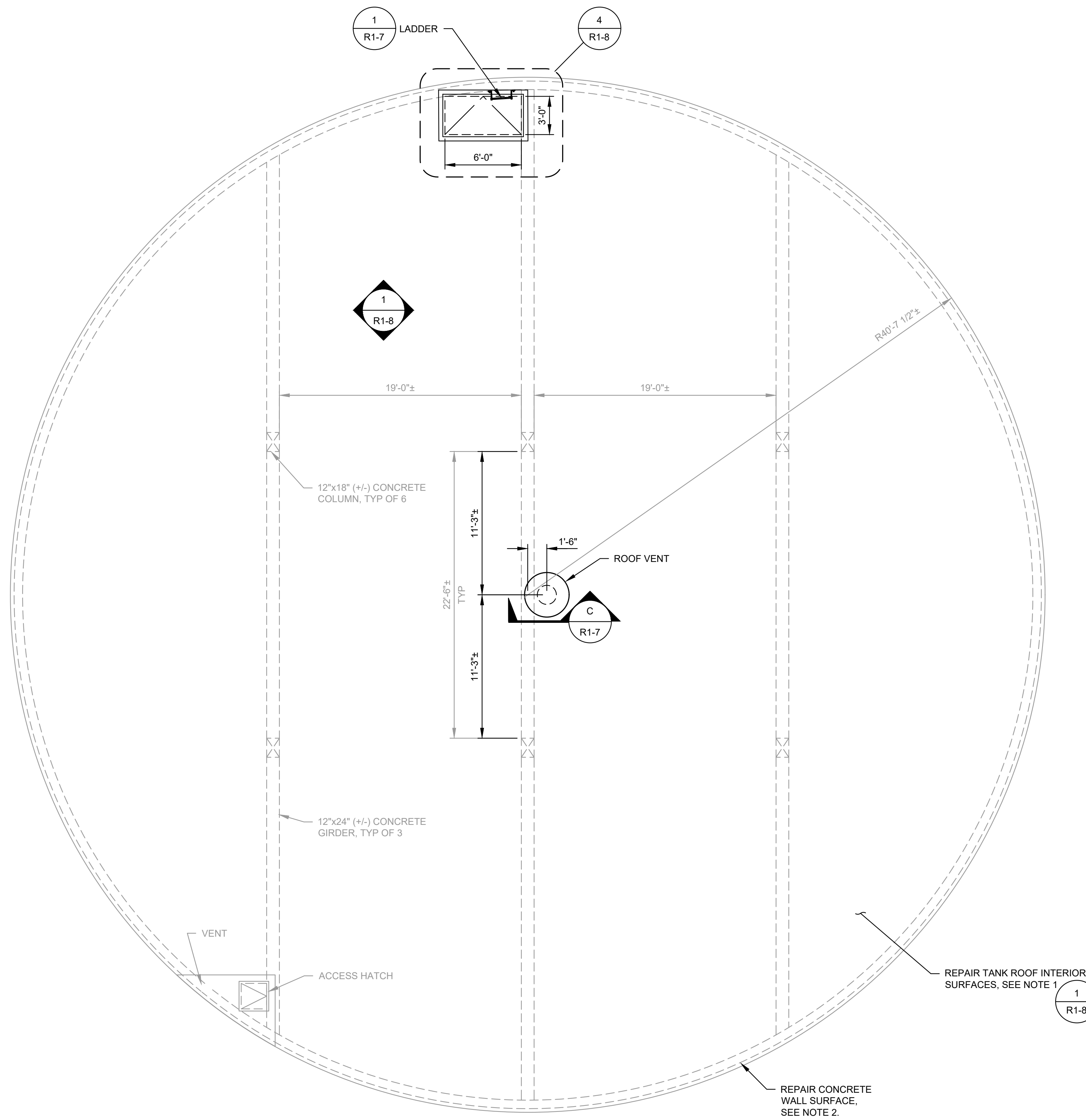
DRAWING: **R1-5** OF: **8**



**WESTBROOK RESERVOIR NO. 1
 PROPOSED FOUNDATION PLAN**
 SCALE: 3/16"=1'-0"

- NOTES:**
- APPROXIMATELY 400 LF OF CRACK SURFACE REPAIRS ESTIMATED AT INTERIOR OF TANK WALL. REPAIR PER 
 - APPROXIMATELY 50 SF OF SHALLOW SPALLING REPAIRS ESTIMATED AT COLUMNS REPAIR PER 
 - FINAL LOCATIONS AND QUANTITIES OF REPAIRS SHALL BE CONFIRMED IN THE FIELD WITH THE ENGINEER PRIOR TO STARTING WORK.
 - ALL DIMENSIONS ARE APPROXIMATE AND BASED ON BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL VERIFY EXISTING ITEMS PRIOR TO STARTING WORK. NOTIFY THE ENGINEER IMMEDIATELY IF ANY DISCREPANCIES ARE FOUND.

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**WESTBROOK RESERVOIR NO. 1
PROPOSED ROOF PLAN**
SCALE: 3/16"=1'-0"

NOTES:

- APPROXIMATELY 400 SF OF INTERIOR DEEP SPALLING AND CORRODED REBAR REPAIRS ESTIMATED AT UNDERSIDE OF TANK ROOF SLAB. REPAIR PER

1
R-2
- APPROXIMATELY 200 LF OF CRACK REPAIRS ESTIMATED AT EXTERIOR OF TANK WALL. REPAIR PER

5
R-2
- FINAL LOCATIONS AND QUANTITIES OF REPAIRS SHALL BE CONFIRMED IN THE FIELD WITH THE ENGINEER PRIOR TO STARTING WORK.



**NOB HILL WATER
ASSOCIATION**

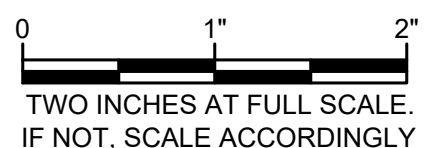
**WESTBROOK
RESERVOIRS
IMPROVEMENTS**

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BID SET

ISSUE DATE:	MAY 2026
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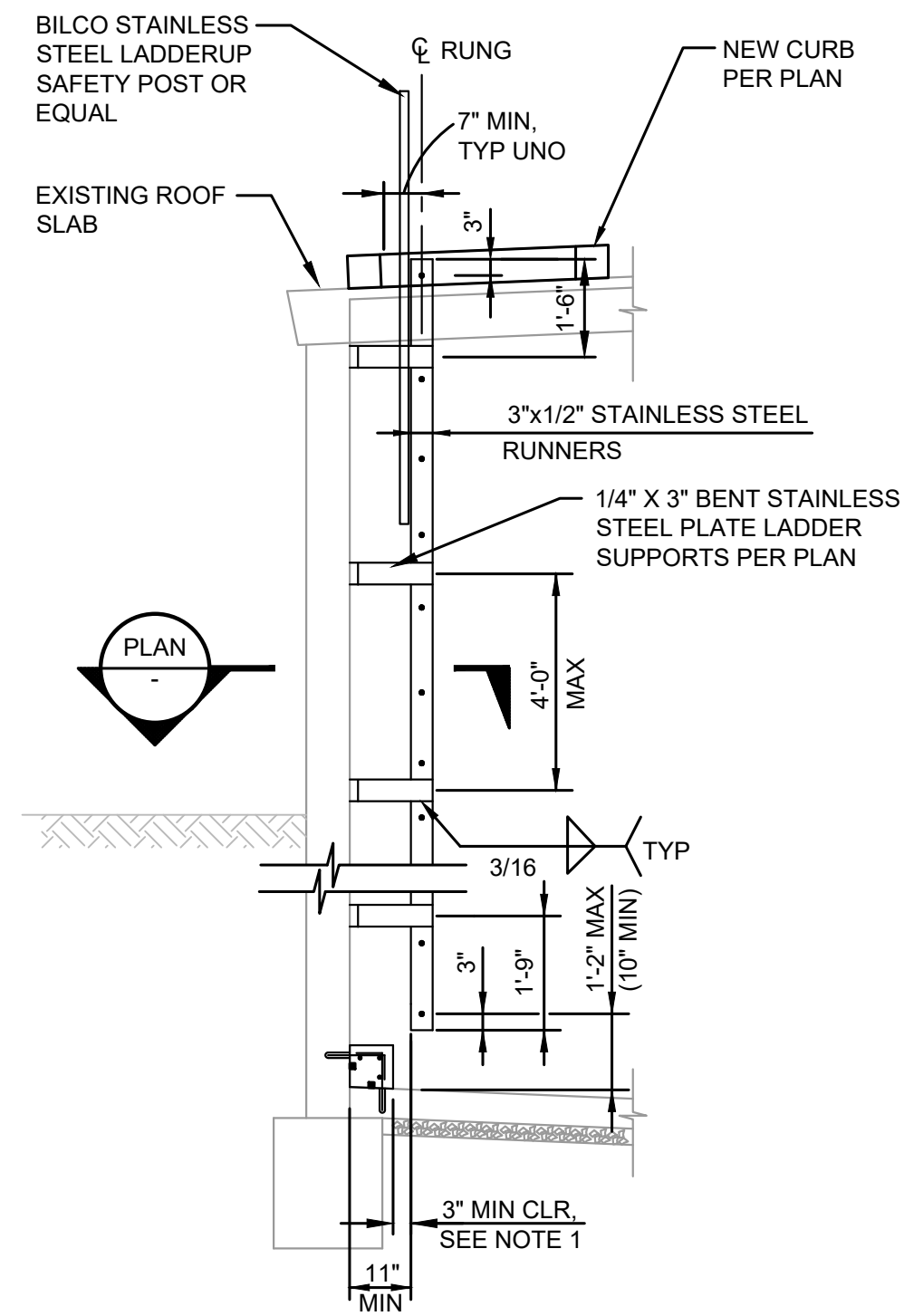


**WESTBROOK
RESERVOIR NO. 1**

**PROPOSED ROOF
PLAN**

DRAWING: **R1-6** OF: **8**

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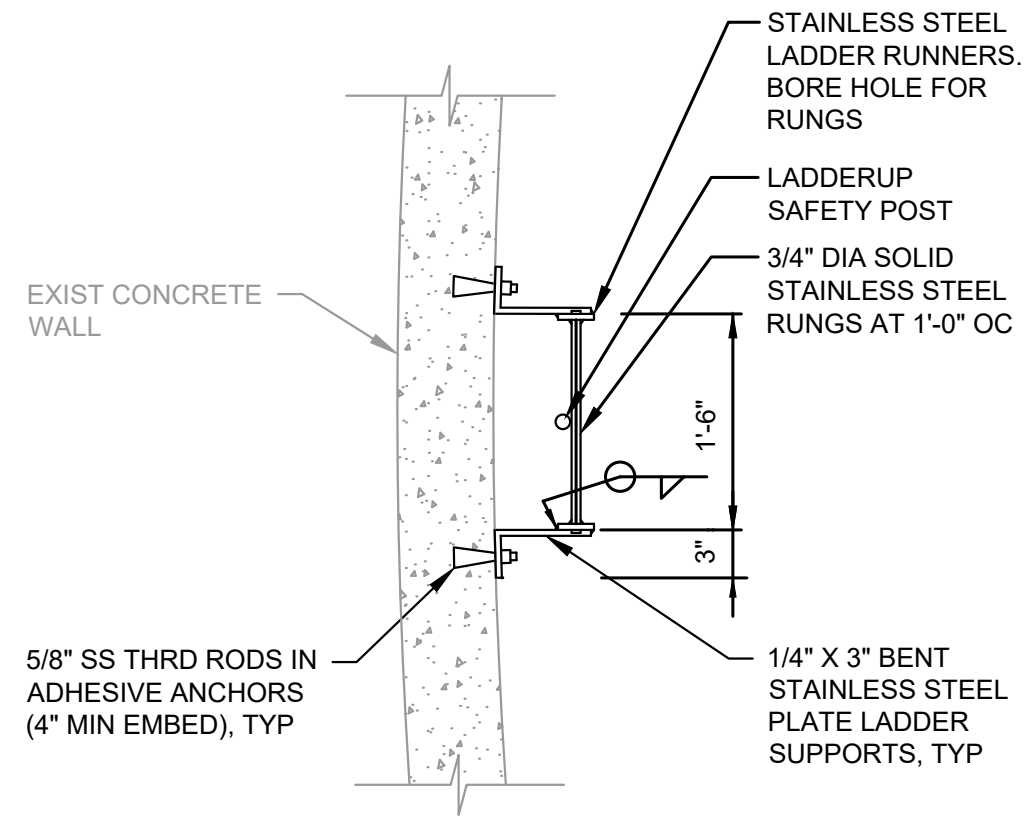


ELEVATION
SCALE: 3/8"=1'-0"

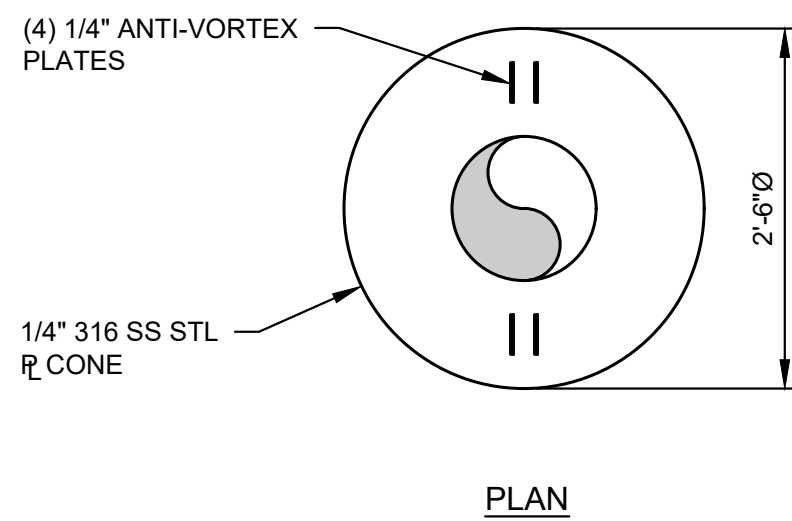
NOTES:

- OR 7" CLR IF THE ELEVATION OF THE BOTTOM-MOST RUNG IS BELOW THE TOP OF THE CONCRETE BENCH. TO MAINTAIN REQUIRED CLEAR DISTANCE, LADDER MAY BE SLOPED UP TO 5%.
- HATCH AND FRAME NOT SHOWN FOR CLARITY.
- ALL STAINLESS STEEL SHALL BE TYPE 316.

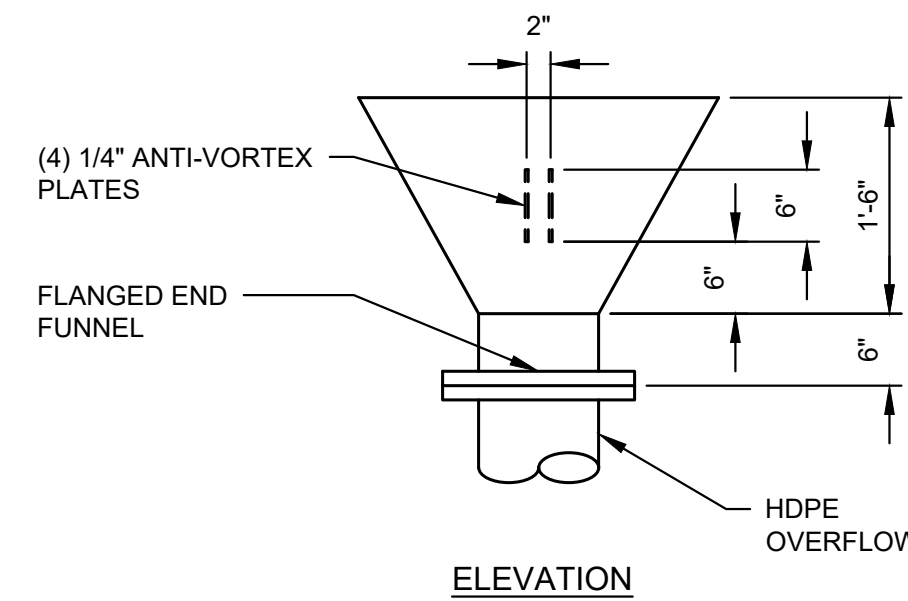
1 TYPICAL LADDER DETAIL
R1-5



PLAN
SCALE: 3/4"=1'-0"

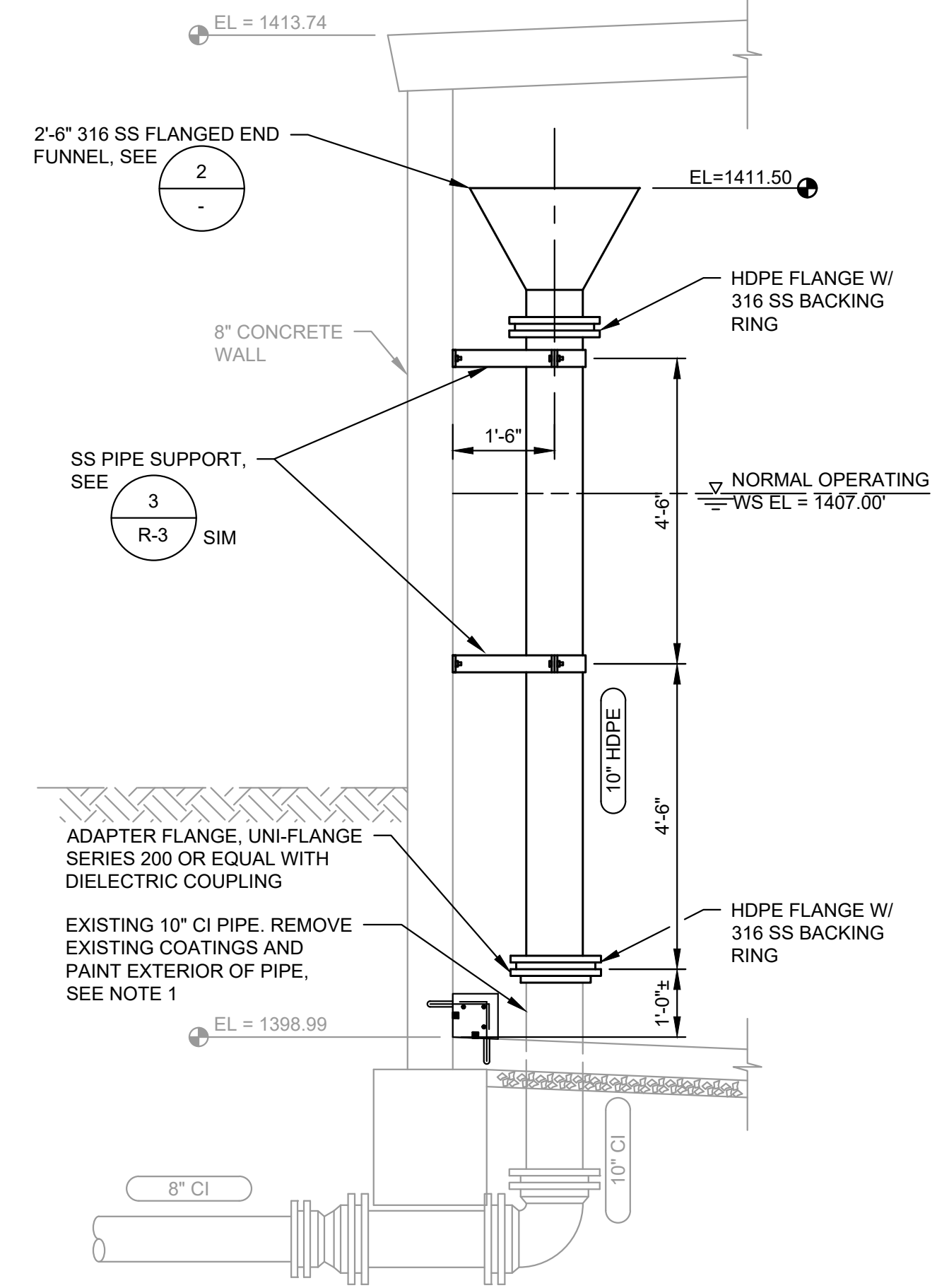


PLAN



ELEVATION

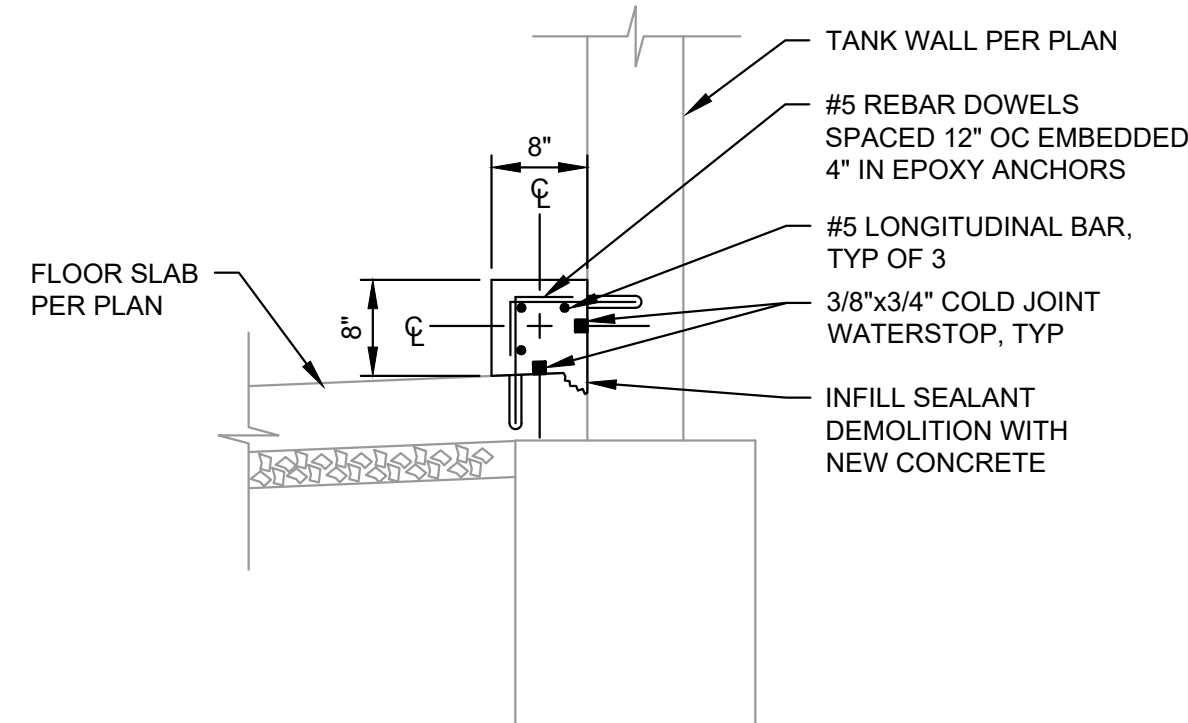
2 OVERFLOW FUNNEL
SCALE: 3/4"=1'-0"



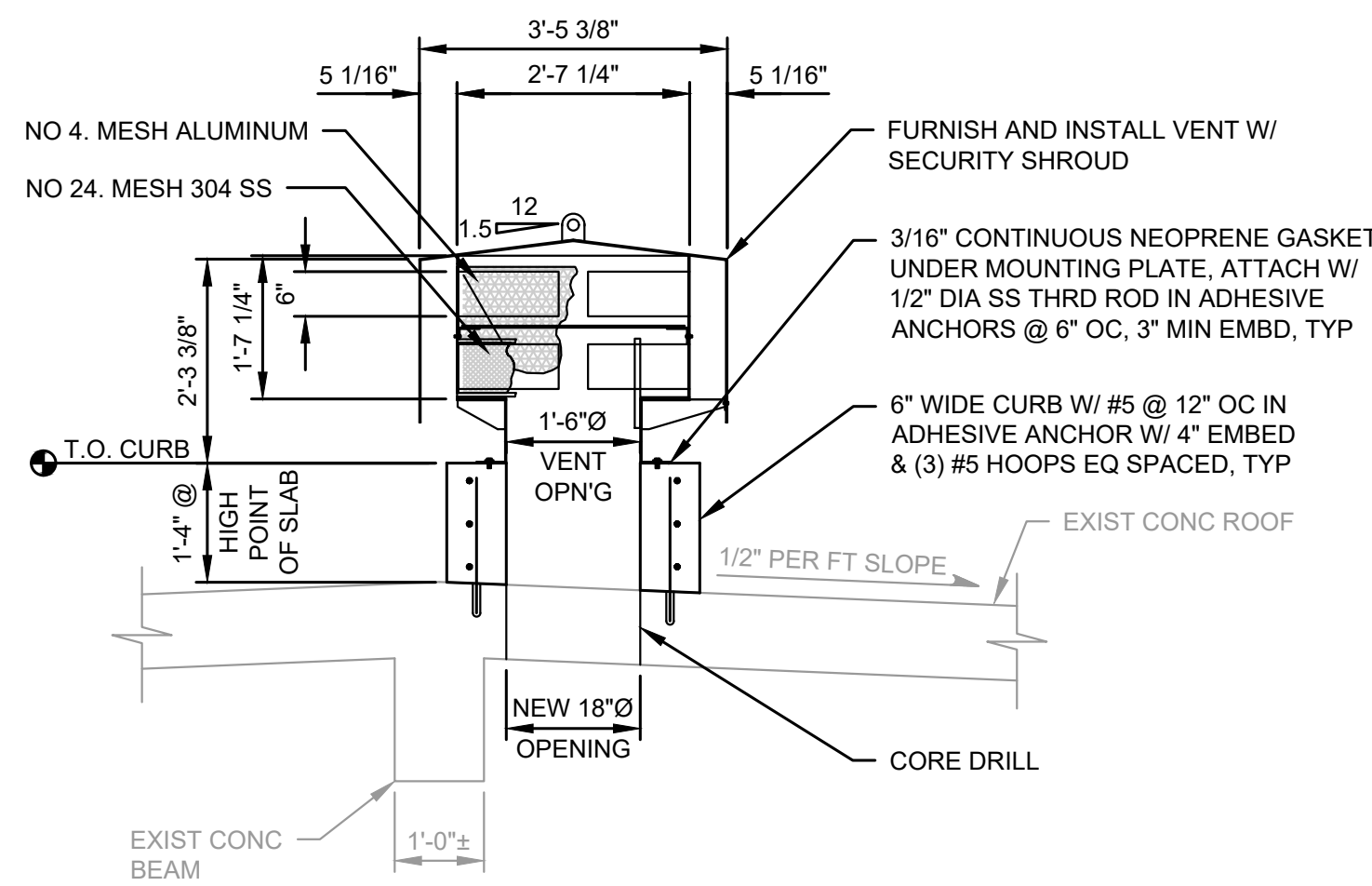
NOTES:

- PAINT EXPOSED EXTERIOR OF PIPE AND REMOVE ALL EXISTING COATINGS BEFORE PAINTING, AS PER SECTION 09900.
- CONTRACTOR SHALL FURNISH 316 SS BOLT KITS SUITABLE FOR EXPOSED AND SUBMERGED CONDITIONS FOR THE OVERFLOW ASSEMBLY ALONG WITH FULL FACE GASKETS SUITABLE FOR INSTALLATION IN A POTABLE WATER RESERVOIR.

A OVERFLOW PIPE SECTION
SCALE: 1/2"=1'-0"



B WATERSTOP BENCH SECTION
SCALE: 3/4"=1'-0"



C RESERVOIR NO. 1 ROOF VENT SECTION
SCALE: 1/2"=1'-0"



NOB HILL WATER ASSOCIATION

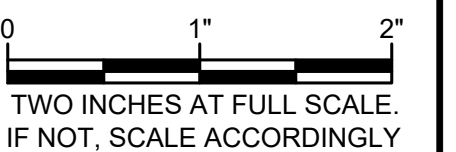
WESTBROOK RESERVOIRS IMPROVEMENTS

No.	DATE	REVISION

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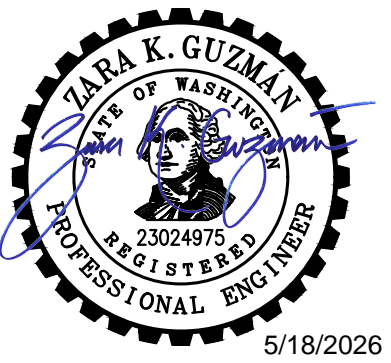
ISSUE DATE:	MAY 2026
APPROVED BY:	AMQ/ZKG
CHECKED BY:	AMQ/ZKG
DRAWN BY:	BJS
DESIGNER:	AMQ/ZKG
G & O JOB NO.:	23873
FILE:	E-RES1-PLN.DWG



WESTBROOK RESERVOIR NO. 1

SECTIONS

DRAWING: **R1-7** OF: **8**



NOB HILL WATER ASSOCIATION

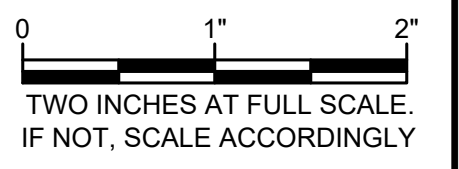
WESTBROOK RESERVOIRS IMPROVEMENTS

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G & O JOB NO.:	23873
FILE:	E-RES1-PLN.DWG



WESTBROOK RESERVOIR NO. 1

PHOTO DETAILS



- NOTES:**
- REPAIR DEEP CONCRETE SPALLING AND CORRODED REBAR IN SIMILAR OR WORSE CONDITIONS PER

1
R-2
 - SEE NOTE 1 ON SHEET R1-6 FOR QUANTITY ESTIMATES OF CEILING REBAR REPAIRS.

PHOTO DETAIL - TYPICAL CEILING REBAR REPAIR

1
R1-6

 NTS



- NOTES:**
- REPAIR SHALLOW CONCRETE SPALLING THAT DOES NOT EXPOSE REBAR TO CORROSION PER

2
R-2
 - SEE NOTE 2 ON SHEET R1-5 FOR QUANTITY ESTIMATES FOR COLUMN REPAIRS.

PHOTO DETAIL - TYPICAL CONCRETE SPALLING REPAIR

2
R1-5

 NTS



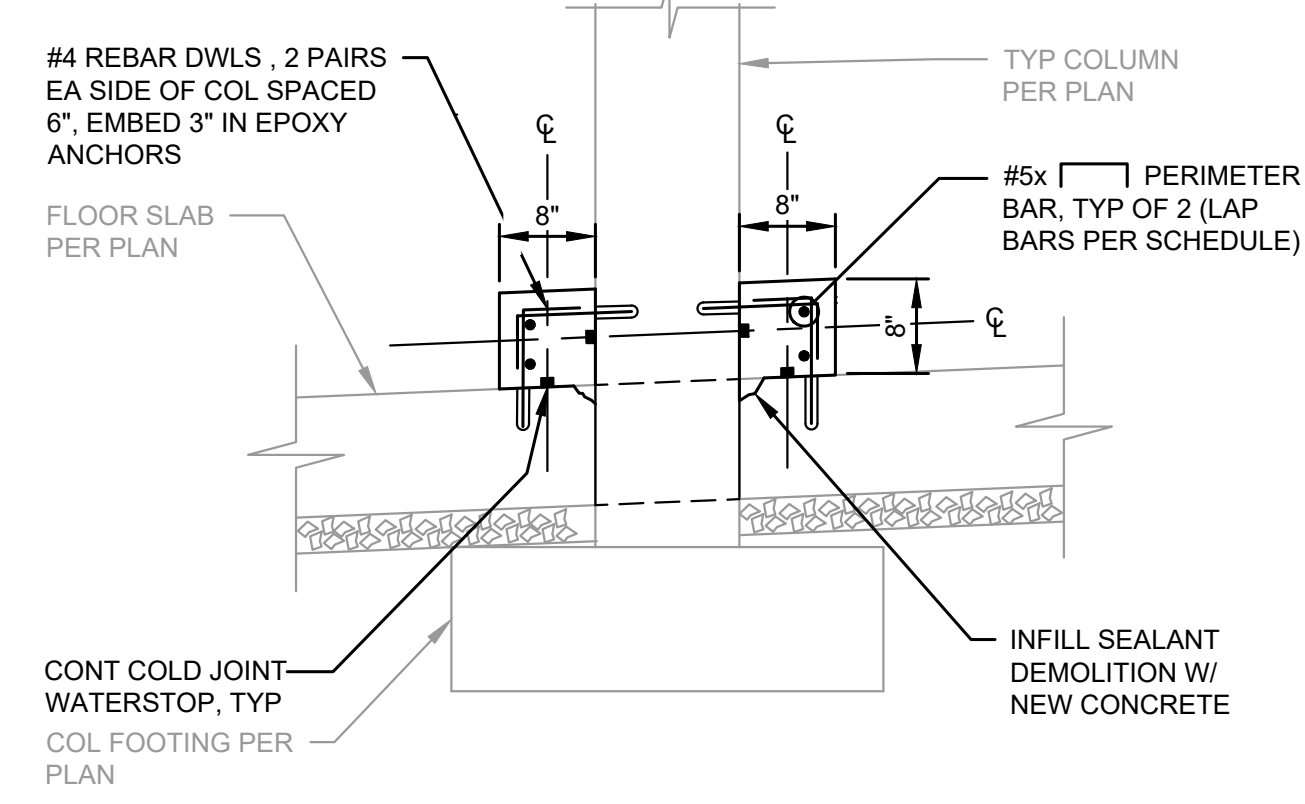
- NOTES:**
- DEMOLISH AND REPAIR CRACK ON INTERIOR OF RESERVOIR PER

5
R-2
 - SEE NOTE 1 ON SHEET R1-5 FOR QUANTITY ESTIMATES FOR WALL CRACK REPAIRS.

PHOTO DETAIL - TYPICAL WALL CRACK REPAIR

3
R1-5

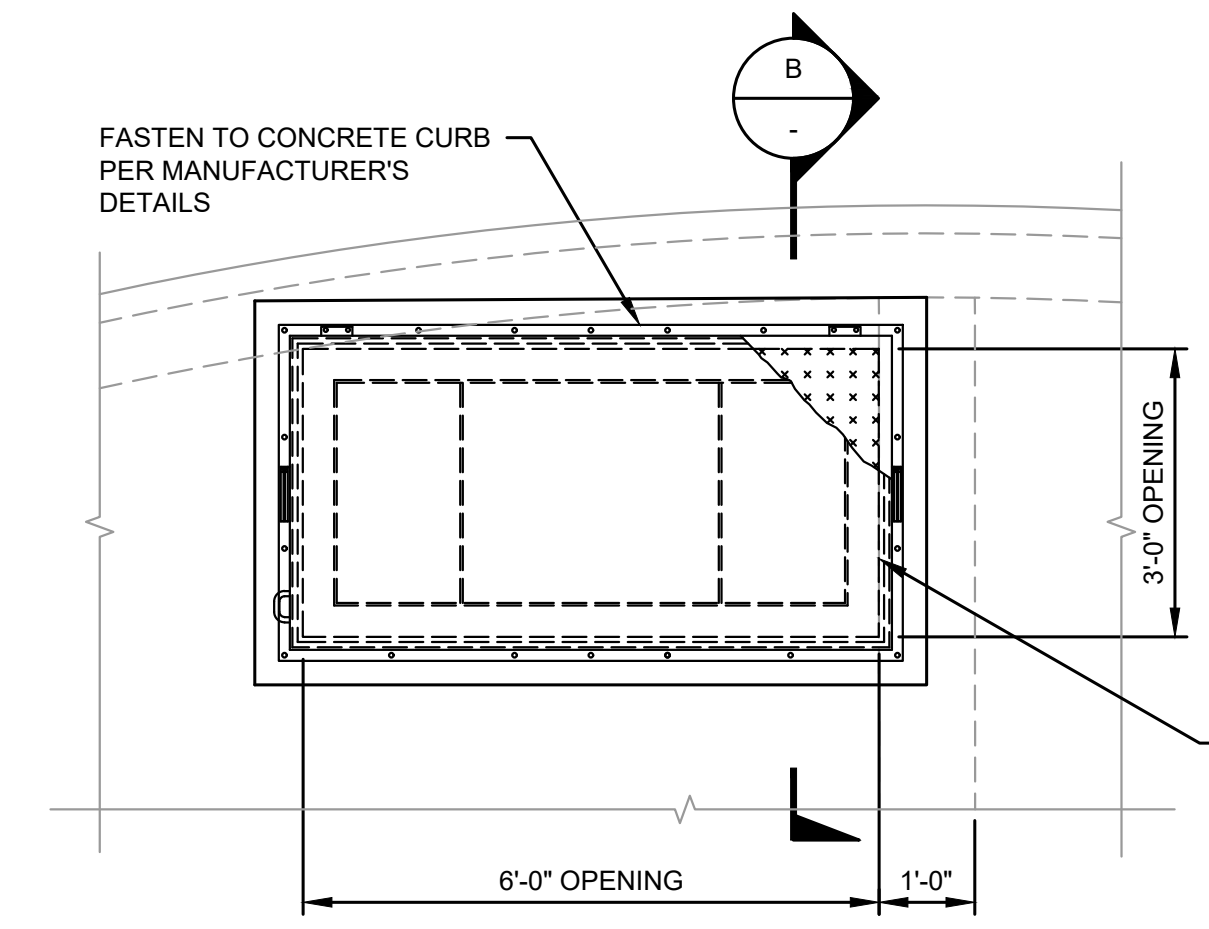
 NTS



SECTION

A
R1-5

 SCALE: 3/4"=1'-0"

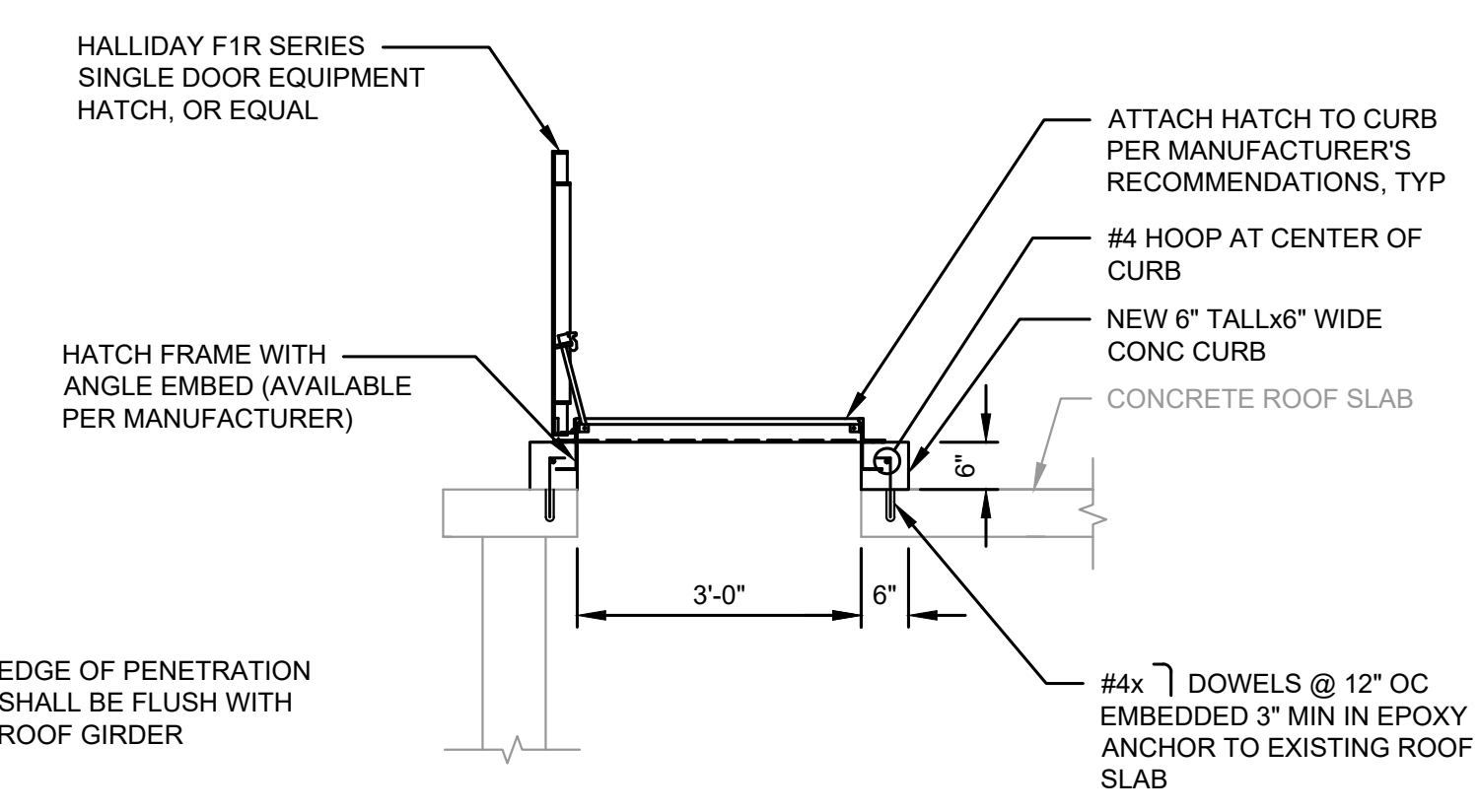


- NOTES:**
- LADDER AND LADDER-UP POST NOT SHOWN FOR CLARITY.

HATCH PLAN

4
R1-6

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



- NOTES:**
- LADDER AND LADDER-UP POST NOT SHOWN FOR CLARITY.

HATCH SECTION

B
-

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

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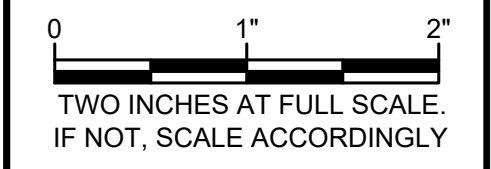
WESTBROOK RESERVOIRS IMPROVEMENTS

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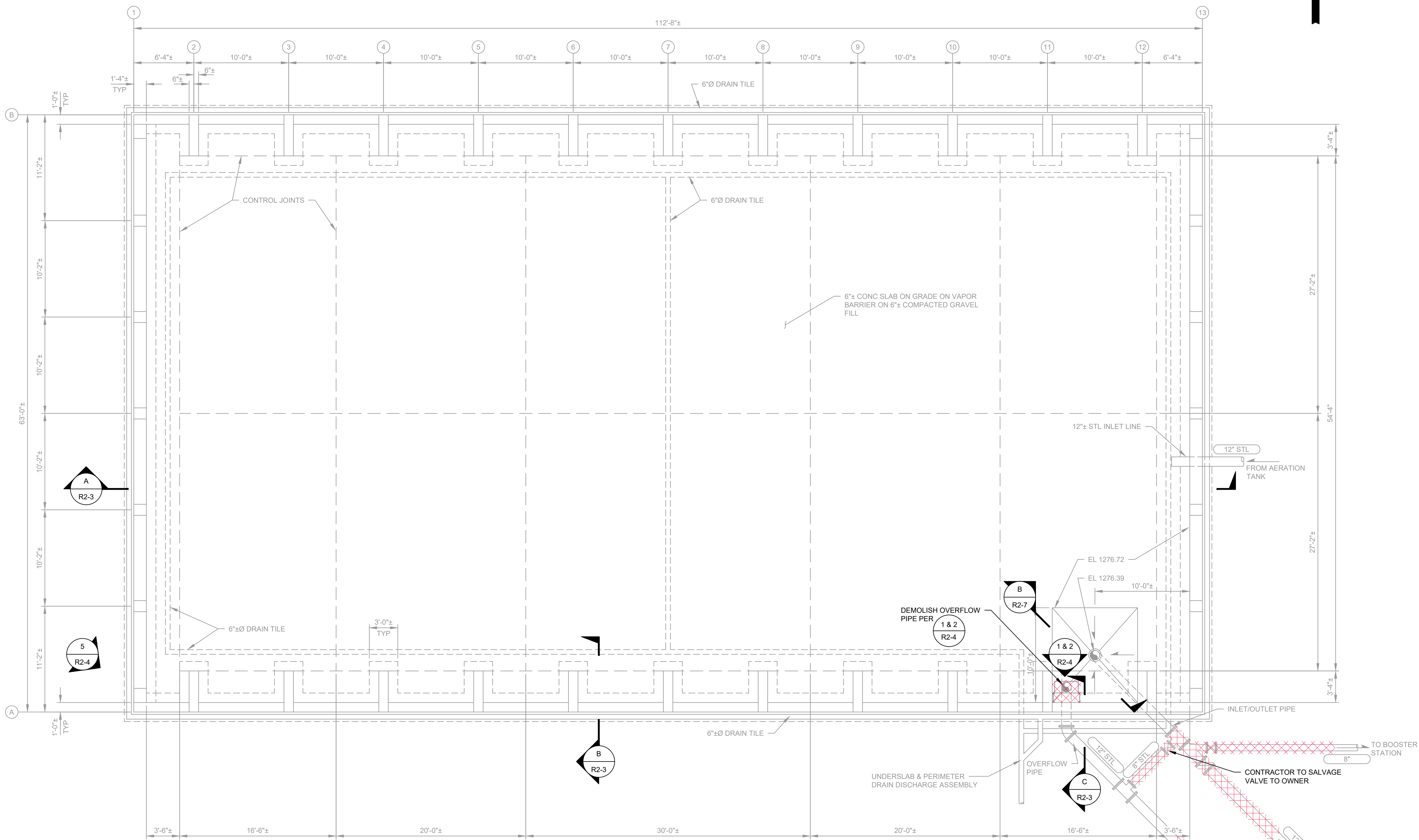
ISSUE DATE:	MAY 2026
APPROVED BY:	AMQ/ZKG
CHECKED BY:	AMQ/ZKG
DRAWN BY:	BJS
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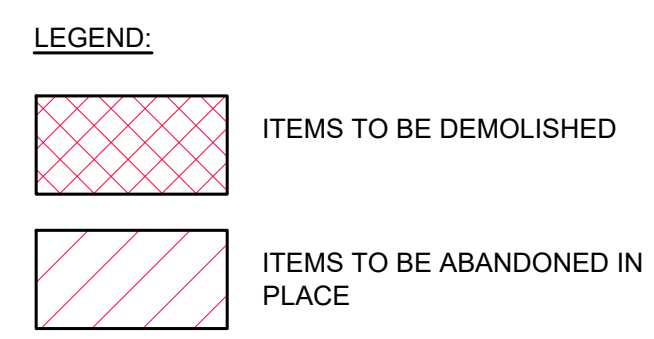
WESTBROOK RESERVOIR NO. 2

EXISTING FOUNDATION AND DEMOLITION PLAN

DRAWING: **R2-1** OF: **10**



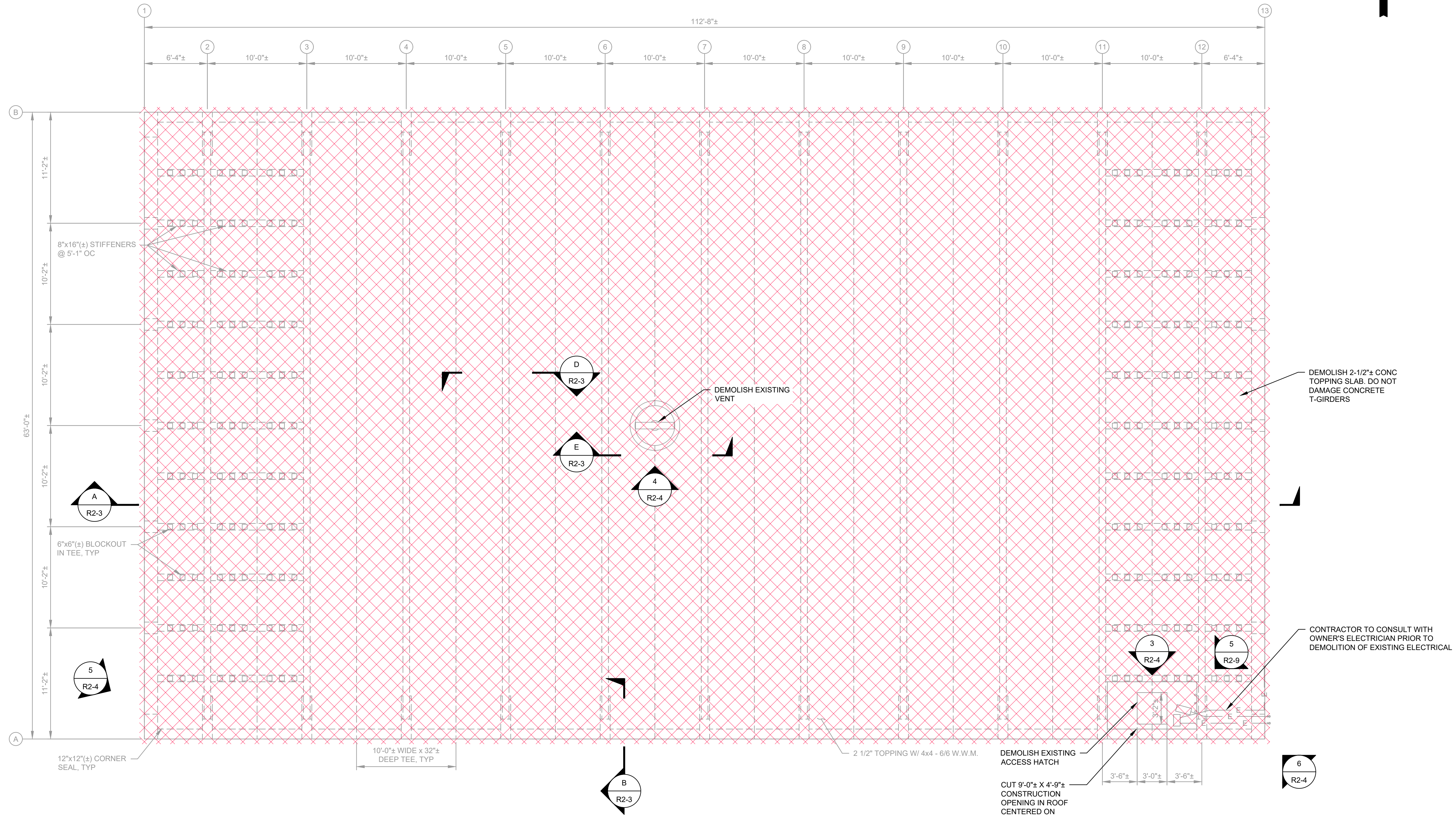
**WESTBROOK RESERVOIR NO. 2
 EXISTING FOUNDATION AND DEMOLITION PLAN**
 SCALE: 3/16"=1'-0"



NOTE:
 1. ALL DIMENSIONS ARE APPROXIMATE AND BASED ON BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL VERIFY EXISTING ITEMS PRIOR TO STARTING WORK. NOTIFY THE ENGINEER IMMEDIATELY IF ANY DISCREPANCIES ARE FOUND.

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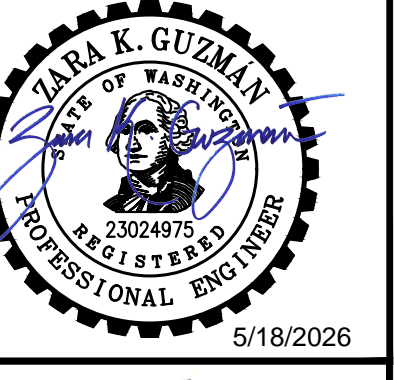
**WESTBROOK RESERVOIR NO. 2
EXISTING ROOF AND DEMOLITION PLAN**
SCALE: 3/16"=1'-0"

DEMOLISH EXISTING ACCESS HATCH
CUT 9'-0"± X 4'-9"± CONSTRUCTION OPENING IN ROOF CENTERED ON EXISTING HATCH. AVOID CUTTING ADJACENT TEE GIRDER WEBS AND STIFFENER BEAM. DO NOT OVERCUT CORNERS

DEMOLISH 2-1/2"± CONG TOPPING SLAB. DO NOT DAMAGE CONCRETE T-GIRDERS

CONTRACTOR TO CONSULT WITH OWNER'S ELECTRICIAN PRIOR TO DEMOLITION OF EXISTING ELECTRICAL

- LEGEND:**
- ITEMS TO BE DEMOLISHED
 - ITEMS TO BE ABANDONED IN PLACE



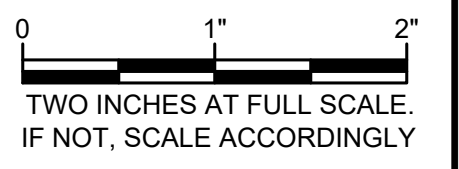
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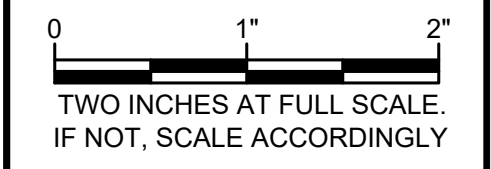
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WESTBROOK RESERVOIR NO. 2

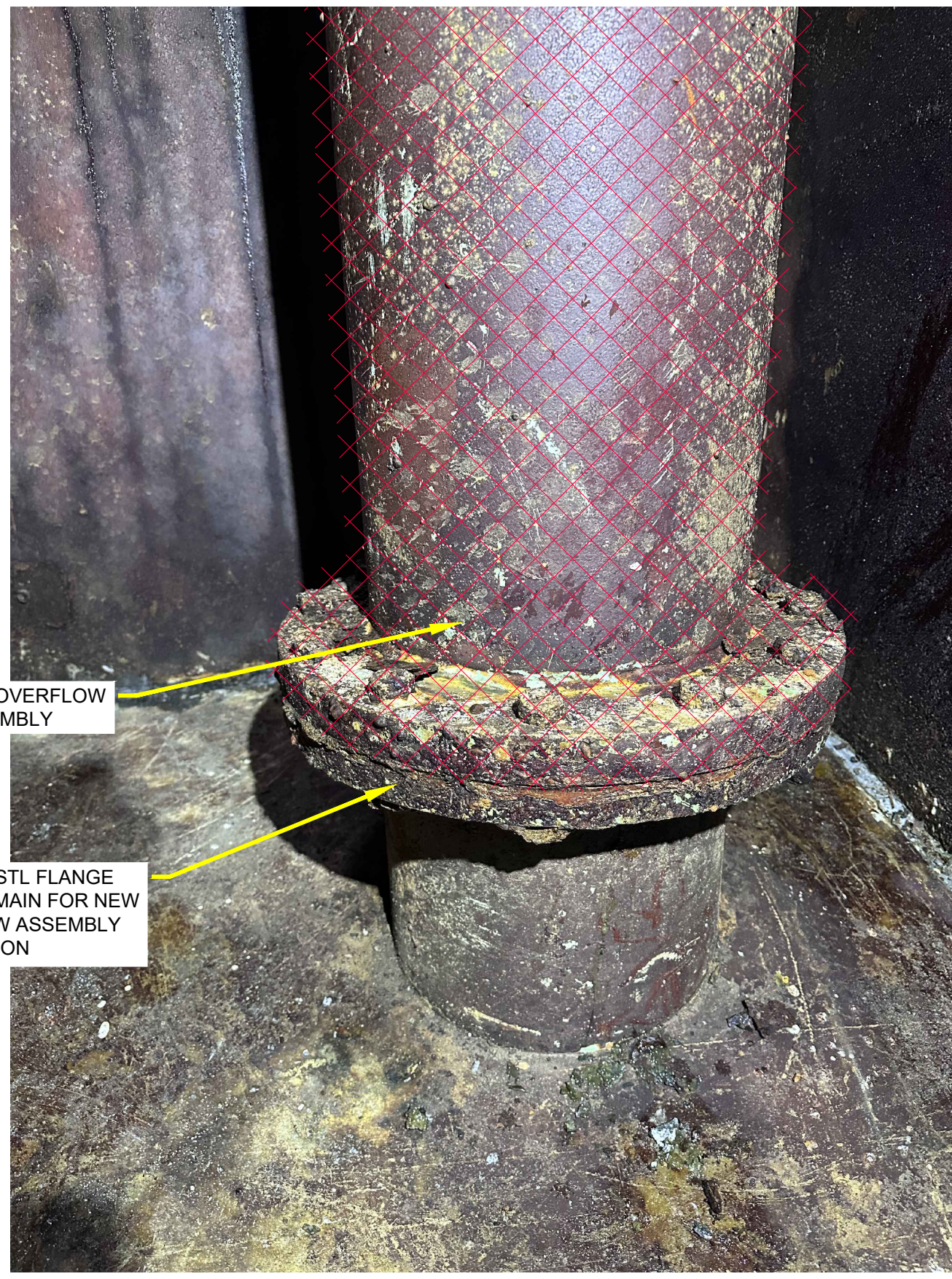
DEMOLITION PHOTO DETAILS

DRAWING: **R2-4** OF: **10**

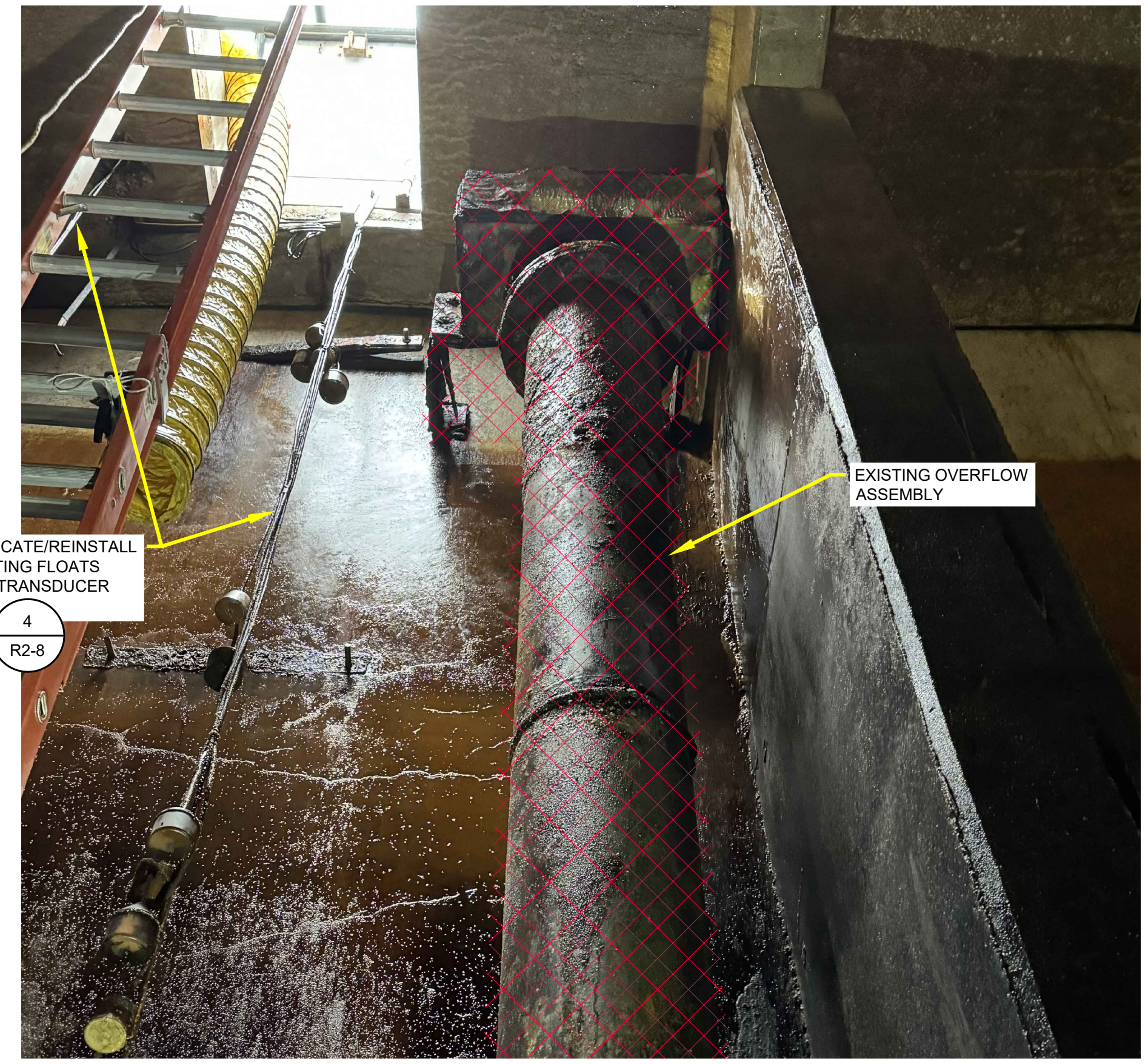


ELECTRICAL CONNECTION BOXES. CONTRACTOR TO COORDINATE/CONSULT WITH OWNER'S ELECTRICIAN PRIOR TO DEMOLITION.

3
 PHOTO DETAIL ACCESS HATCH
 R2-2 NTS



2
 PHOTO DETAIL - OVERFLOW PIPE OVERFLOW BASE
 R2-1 NTS

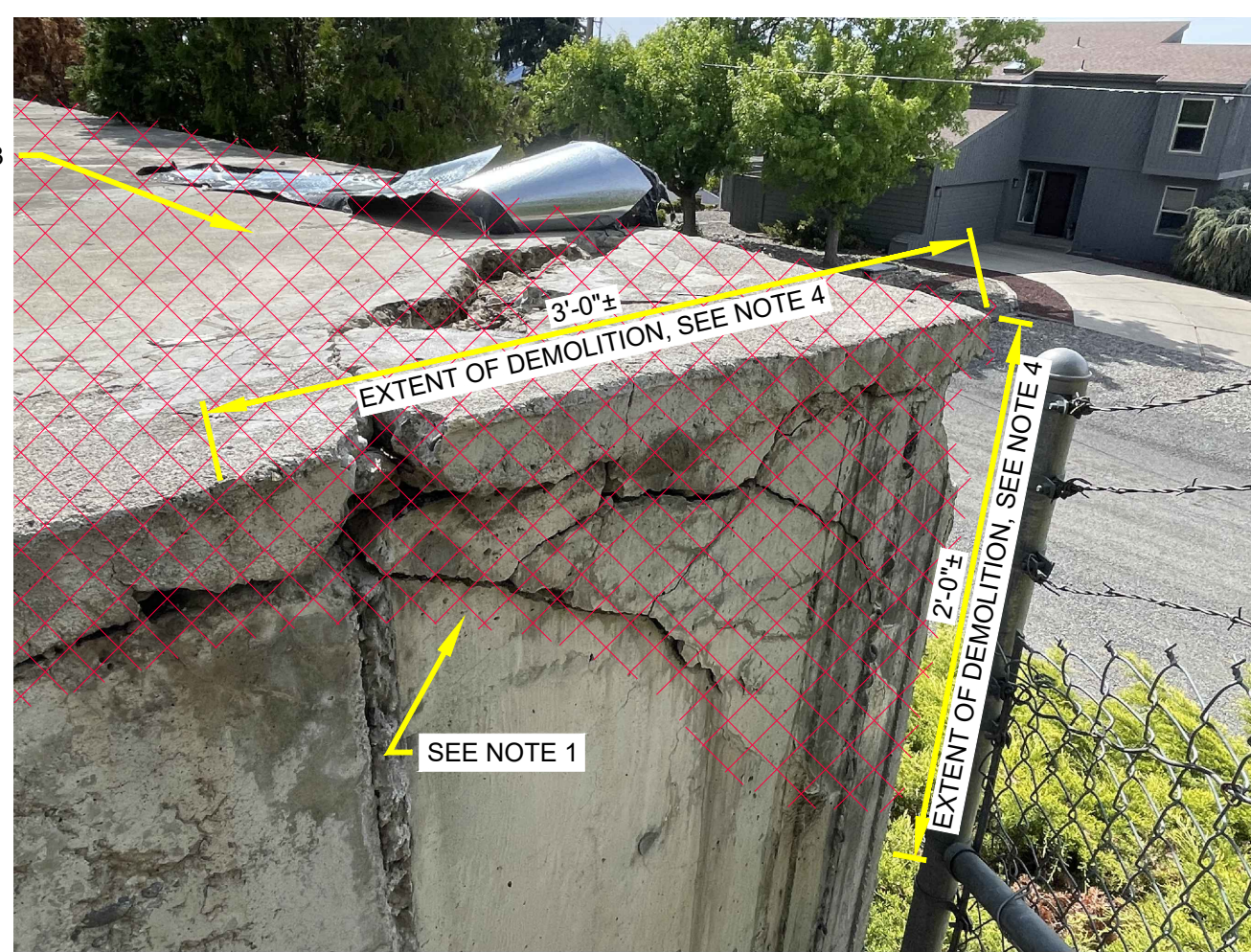


1
 PHOTO DETAIL - OVERFLOW PIPE TOP OF OVERFLOW PIPE AND SUPPORT
 R2-1 NTS



- NOTES:**
- DEMOLISH LOOSE AND SPALLED CONCRETE TO SOUND CONCRETE. CUT OR CHIP 90 DEGREE EDGE INTO SOUND CONCRETE.
 - EXISTING WALL REBAR SHALL BE PROTECTED EXCEPT WITHIN 2" OF TOP OF WALL. REBAR THAT EXTENDS ABOVE THIS HEIGHT SHALL BE CUT OFF AT THAT SAME HEIGHT.
 - EXPECTED EXTENT OF DEMOLITION AREA IS 2'-0" FROM THE CORNER IN EACH DIRECTION, AND 8'-0" VERTICALLY. THESE DIMENSIONS ARE APPROXIMATE, AND ACTUAL DIMENSIONS SHALL BE BASED ON EXTENTS OF UNSOUND CONCRETE PER NOTE 1.
 - CONCRETE CORNER REPAIR PER **(F)** R2-3 SIM.

6
 PHOTO DETAIL SOUTHEAST CORNER
 R2-2 NTS



- NOTES:**
- DEMOLISH LOOSE AND SPALLED CONCRETE TO SOUND CONCRETE. CUT OR CHIP 90 DEGREE EDGE INTO SOUND CONCRETE.
 - EXISTING WALL REBAR SHALL BE PROTECTED EXCEPT WITHIN 2" OF TOP OF WALL. REBAR THAT EXTENDS ABOVE THIS HEIGHT SHALL BE CUT OFF AT THAT SAME HEIGHT.
 - TOPPING SLAB DEMOLITION SHOWN HERE FOR CLARITY. REFER TO R2-2 FOR MORE INFORMATION ON TOPPING SLAB DEMOLITION.
 - DIMENSIONS ARE APPROXIMATE. ACTUAL DIMENSIONS OF DEMOLITION SHALL BE BASED ON EXTENTS OF UNSOUND CONCRETE PER NOTE 1.
 - CONCRETE CORNER REPAIR PER **(F)** R2-3.

5
 PHOTO DETAIL SOUTHWEST CORNER
 R2-2 NTS



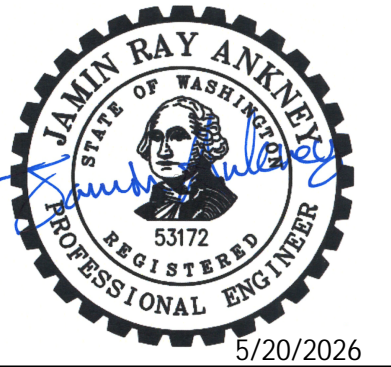
4
 PHOTO DETAIL VENT
 R2-2 NTS

LEGEND:

ITEMS TO BE DEMOLISHED

ITEMS TO BE ABANDONED IN PLACE

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NOB HILL WATER ASSOCIATION

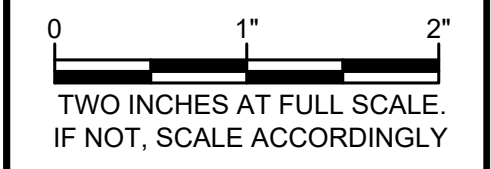
WESTBROOK RESERVOIRS IMPROVEMENTS

No.	DATE	REVISION

ISSUED FOR:

BID SET

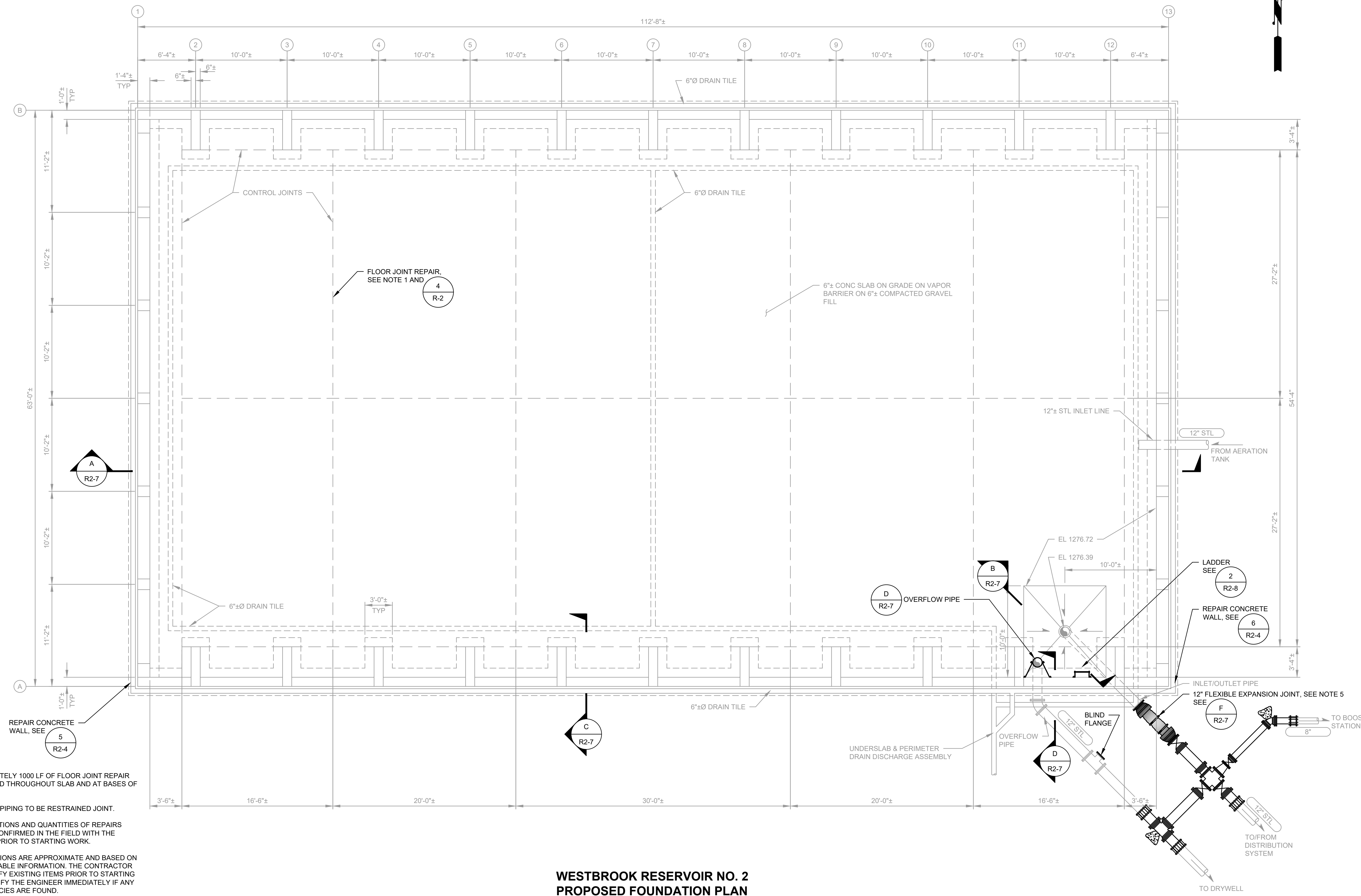
ISSUE DATE:	MAY 2026
APPROVED BY:	AMQ/ZKG
CHECKED BY:	AMQ/ZKG
DRAWN BY:	BJS
DESIGNER:	AMQ/ZKG
G & O JOB NO.:	23873
FILE:	E-RES2-PLN.DWG



WESTBROOK RESERVOIR NO. 2

PROPOSED FOUNDATION PLAN

DRAWING: **R2-5** OF: **10**

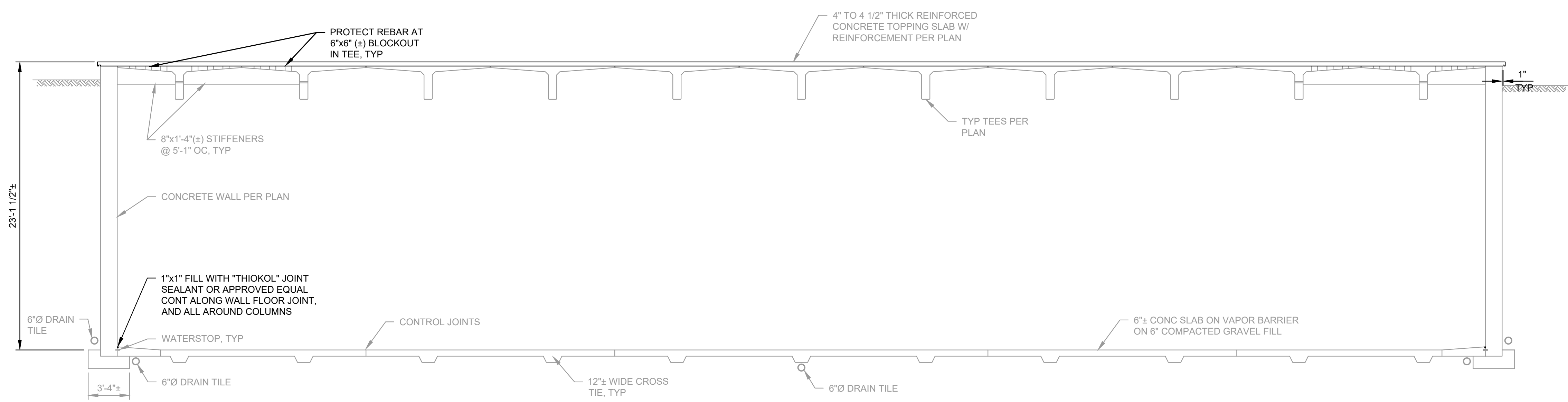


**WESTBROOK RESERVOIR NO. 2
 PROPOSED FOUNDATION PLAN**
 SCALE: 3/16"=1'-0"

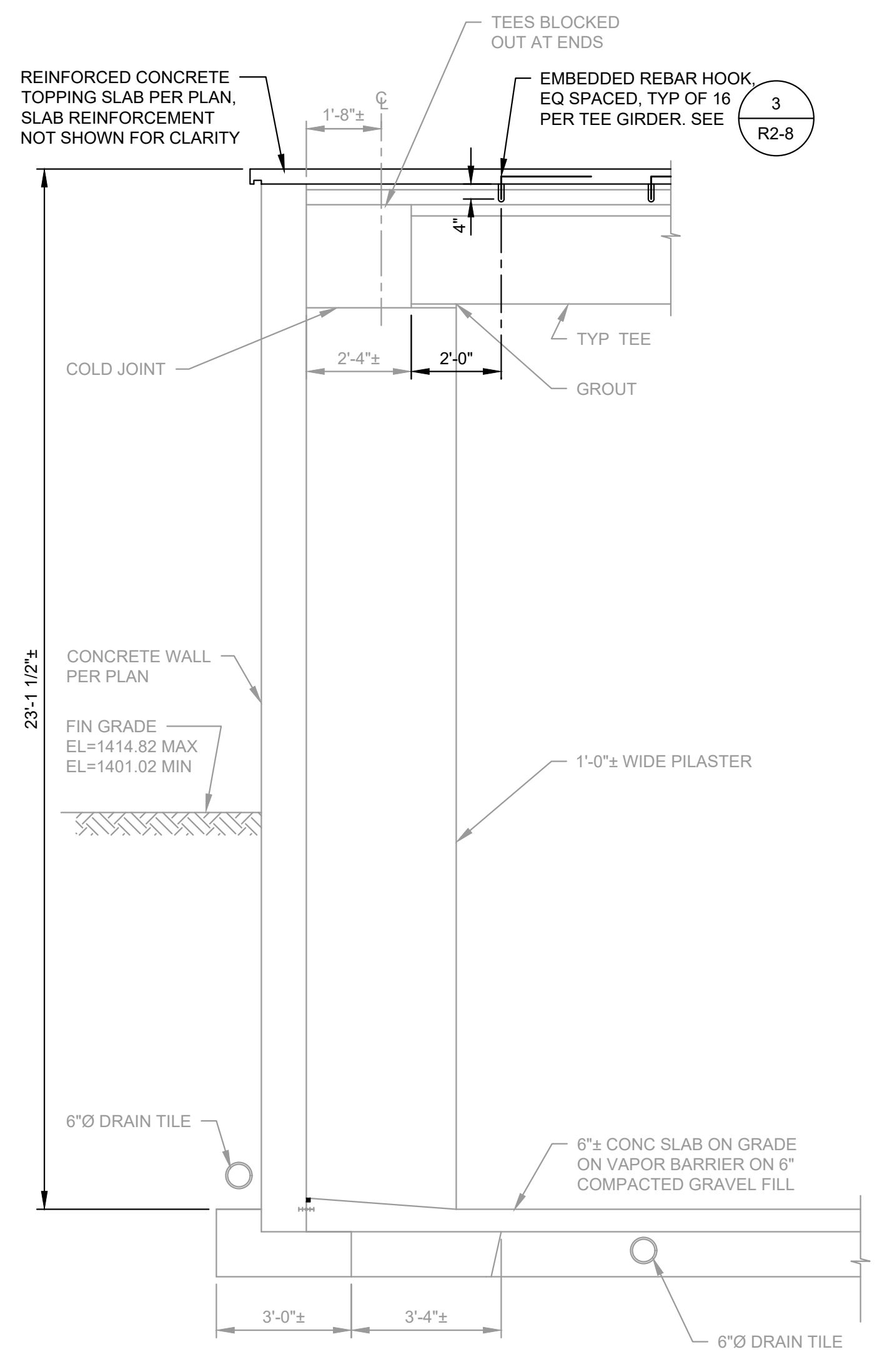
- NOTES:**
- APPROXIMATELY 1000 LF OF FLOOR JOINT REPAIR ANTICIPATED THROUGHOUT SLAB AND AT BASES OF WALLS.
 - ALL WATER PIPING TO BE RESTRAINED JOINT.
 - FINAL LOCATIONS AND QUANTITIES OF REPAIRS SHALL BE CONFIRMED IN THE FIELD WITH THE ENGINEER PRIOR TO STARTING WORK.
 - ALL DIMENSIONS ARE APPROXIMATE AND BASED ON BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL VERIFY EXISTING ITEMS PRIOR TO STARTING WORK. NOTIFY THE ENGINEER IMMEDIATELY IF ANY DISCREPANCIES ARE FOUND.
 - PIPE MATERIAL SHADED IN GRAY HAS BEEN PRE-PURCHASED BY THE OWNER TO ELIMINATE LONG DELIVERY TIME AND FACILITATE THE CONSTRUCTION TIME WINDOW. CONTRACTOR SHALL FURNISH BOLT KITS AND FULL FACE GASKETS.

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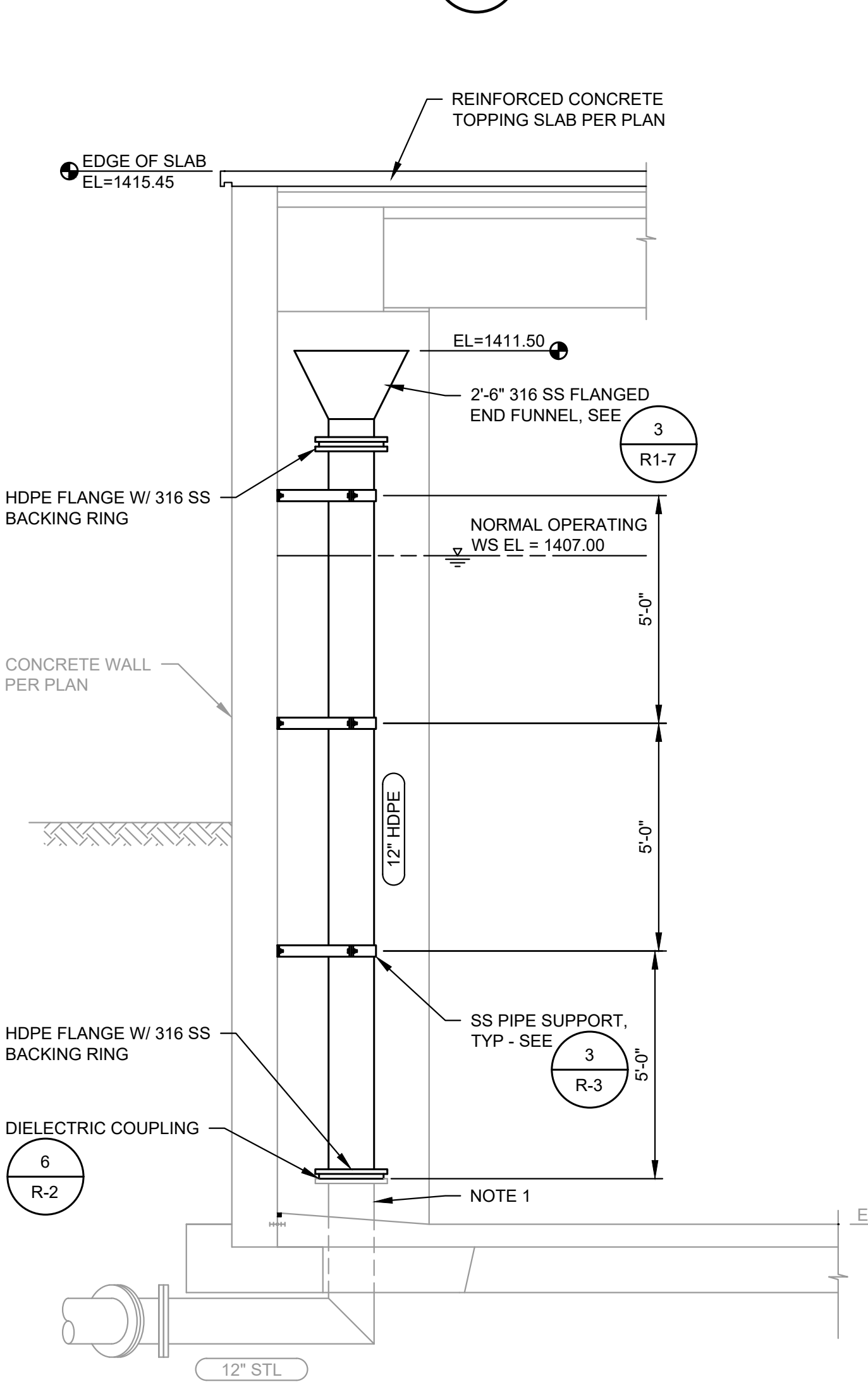
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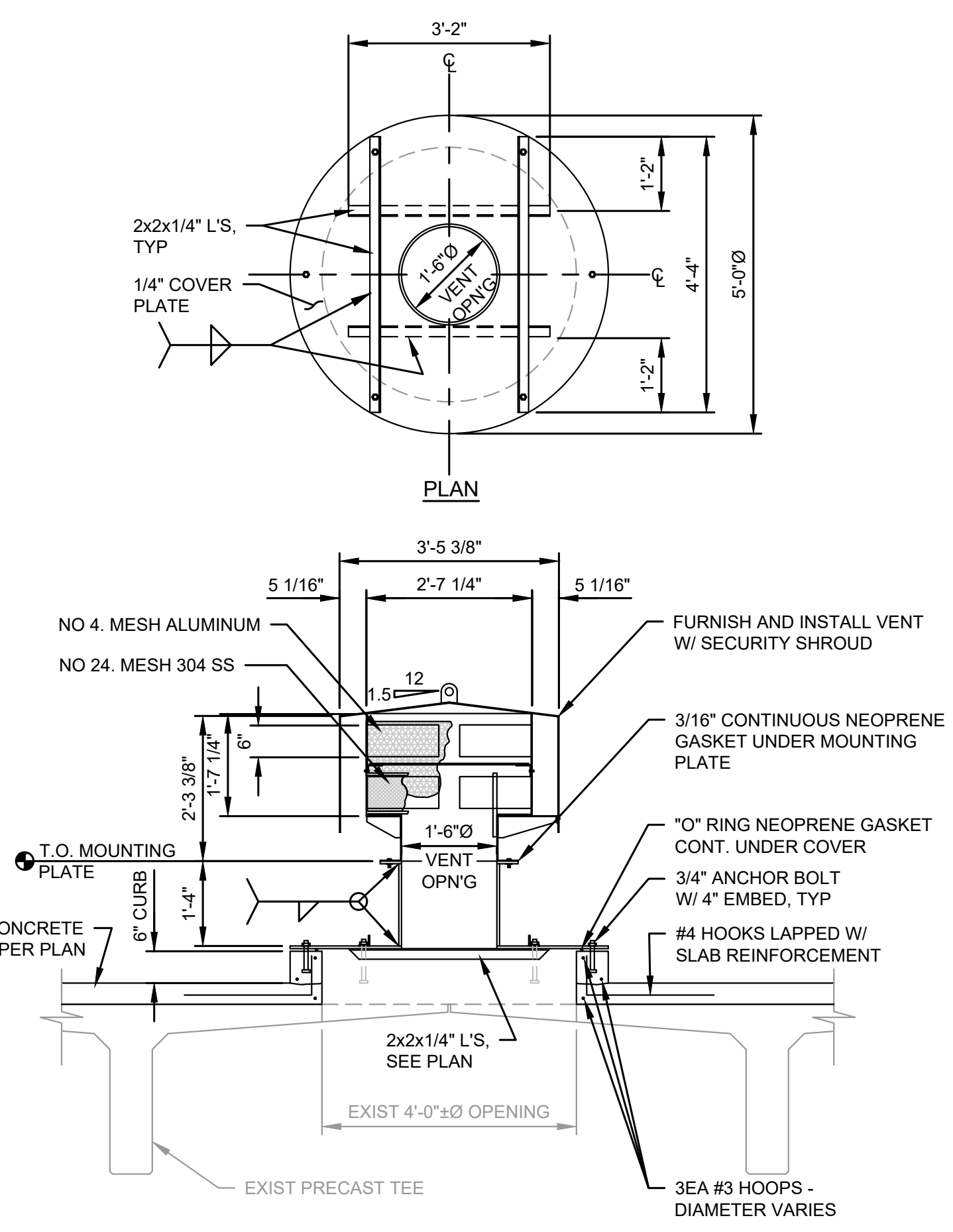
A SECTION
R2-5 SCALE: 3/16"=1'-0"



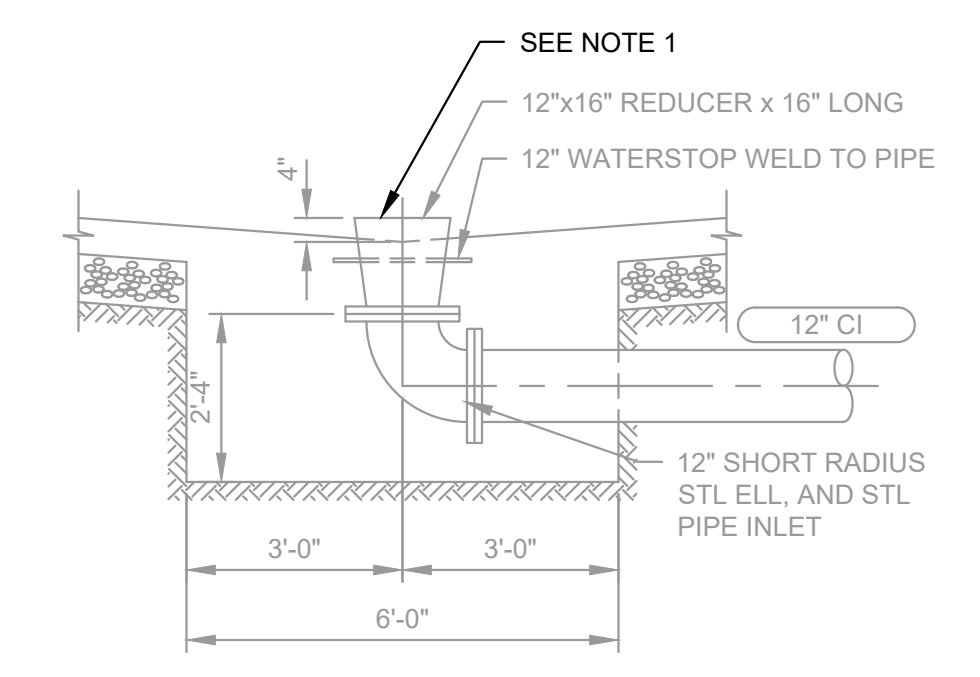
C SECTION
R2-5 SCALE: 3/8"=1'-0"



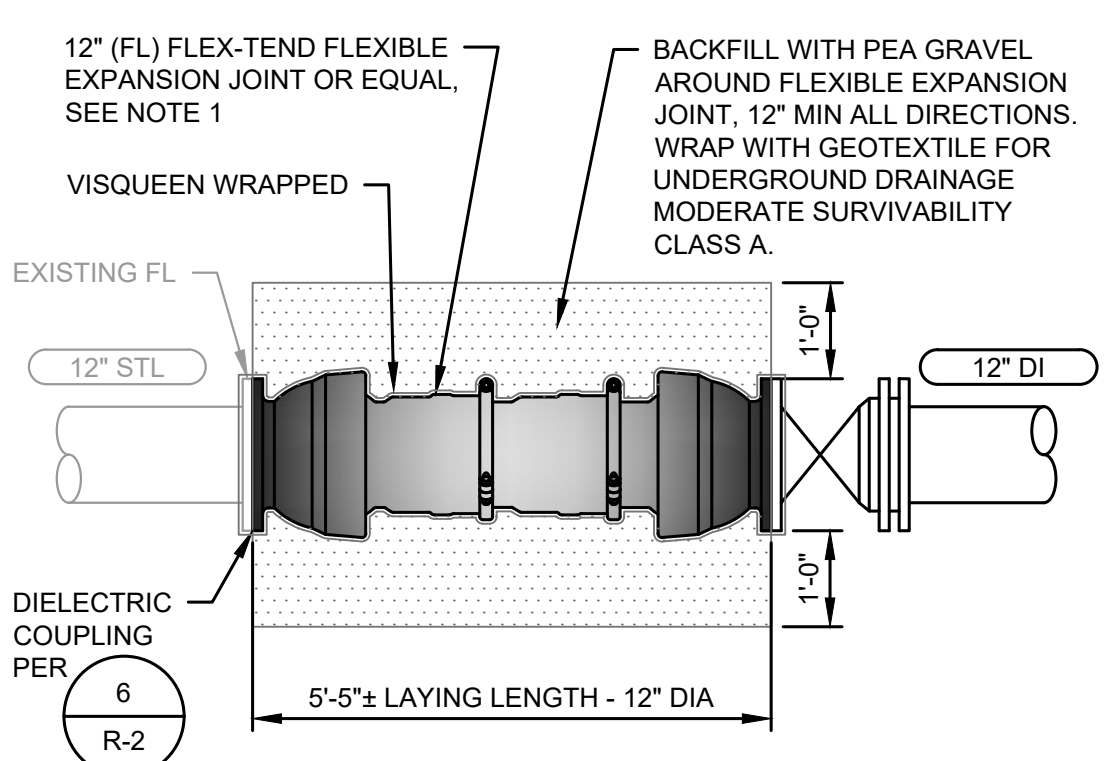
D SECTION
R2-5 SCALE: 3/8"=1'-0"



E SECTION
R2-6 SCALE: 1/2"=1'-0"



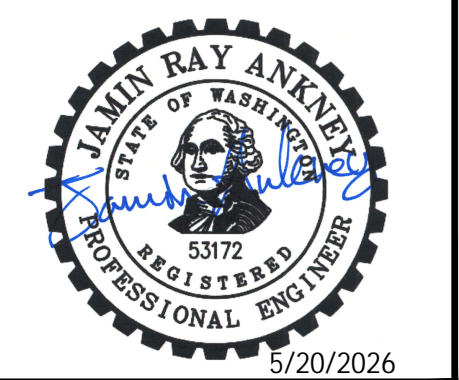
B SECTION
R2-5 SCALE: 3/8"=1'-0"



F FLEXIBLE EXPANSION COUPLING
R2-5 SCALE: 1/2"=1'-0"

NOTES:
1. PAINT EXPOSED EXTERIOR OF PIPE AND REMOVE ALL EXISTING COATING BEFORE PAINTING, AS PER SECTION 09900.

NOTES:
1. PAINT EXPOSED EXTERIOR OF PIPE AND REMOVE ALL EXISTING COATINGS BEFORE PAINTING, AS PER SECTION 09900.
2. CONTRACTOR SHALL FURNISH 316 SS BOLT KITS SUITABLE FOR EXPOSED AND SUBMERGED CONDITIONS FOR THE OVERFLOW ASSEMBLY ALONG WITH FULL FACE GASKETS SUITABLE FOR INSTALLATION IN A POTABLE WATER RESERVOIR.



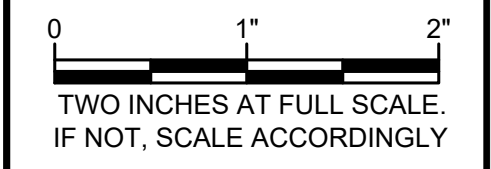
NOB HILL WATER ASSOCIATION
WESTBROOK RESERVOIRS IMPROVEMENTS

No.	DATE	REVISION

ISSUED FOR:

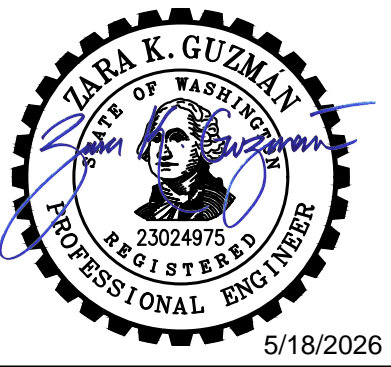
BID SET

ISSUE DATE:	MAY 2026
APPROVED BY:	AMQ/ZKG
CHECKED BY:	AMQ/ZKG
DRAWN BY:	BJS
DESIGNER:	AMQ/ZKG
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FILE:	E-RES2-PLN.DWG



WESTBROOK RESERVOIR NO. 2

SECTIONS



NOB HILL WATER ASSOCIATION

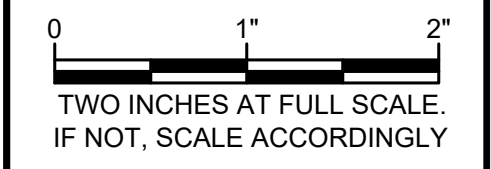
WESTBROOK RESERVOIRS IMPROVEMENTS

No.	DATE	REVISION

ISSUED FOR:

BID SET

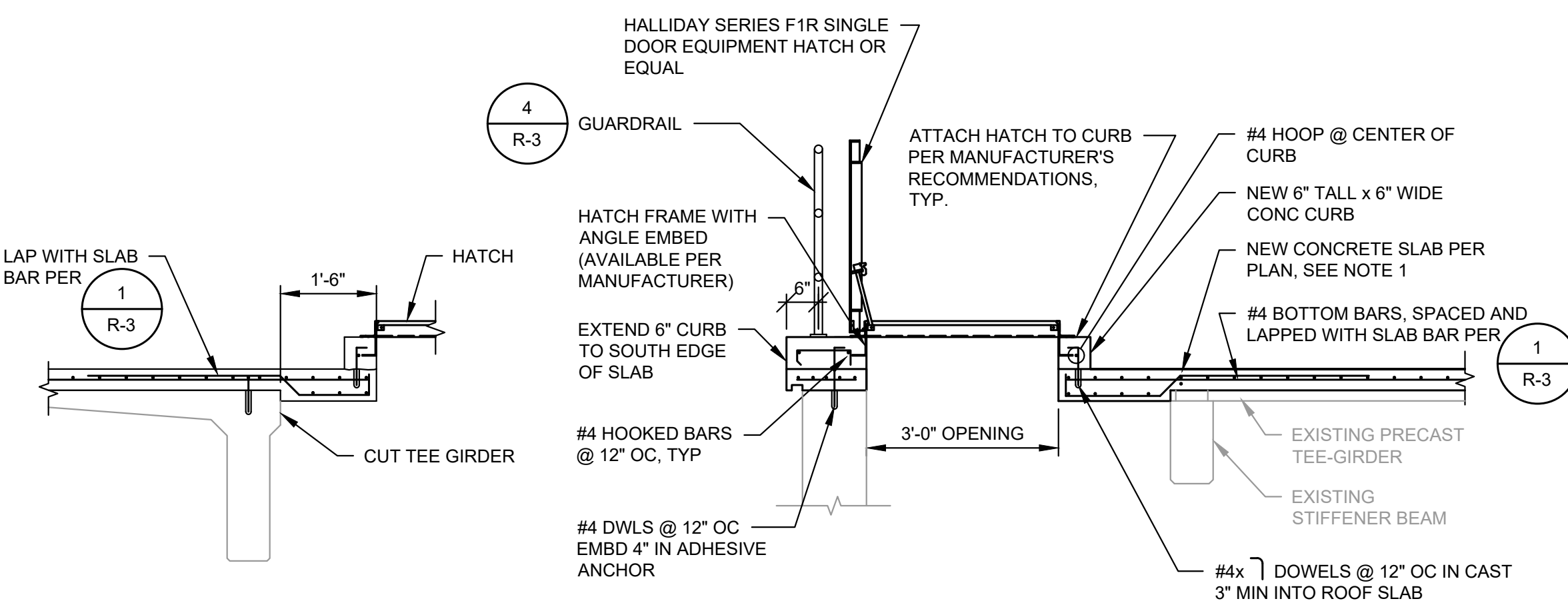
ISSUE DATE:	MAY 2026
APPROVED BY:	AMQ/ZKG
CHECKED BY:	AMQ/ZKG
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WESTBROOK RESERVOIR NO. 2

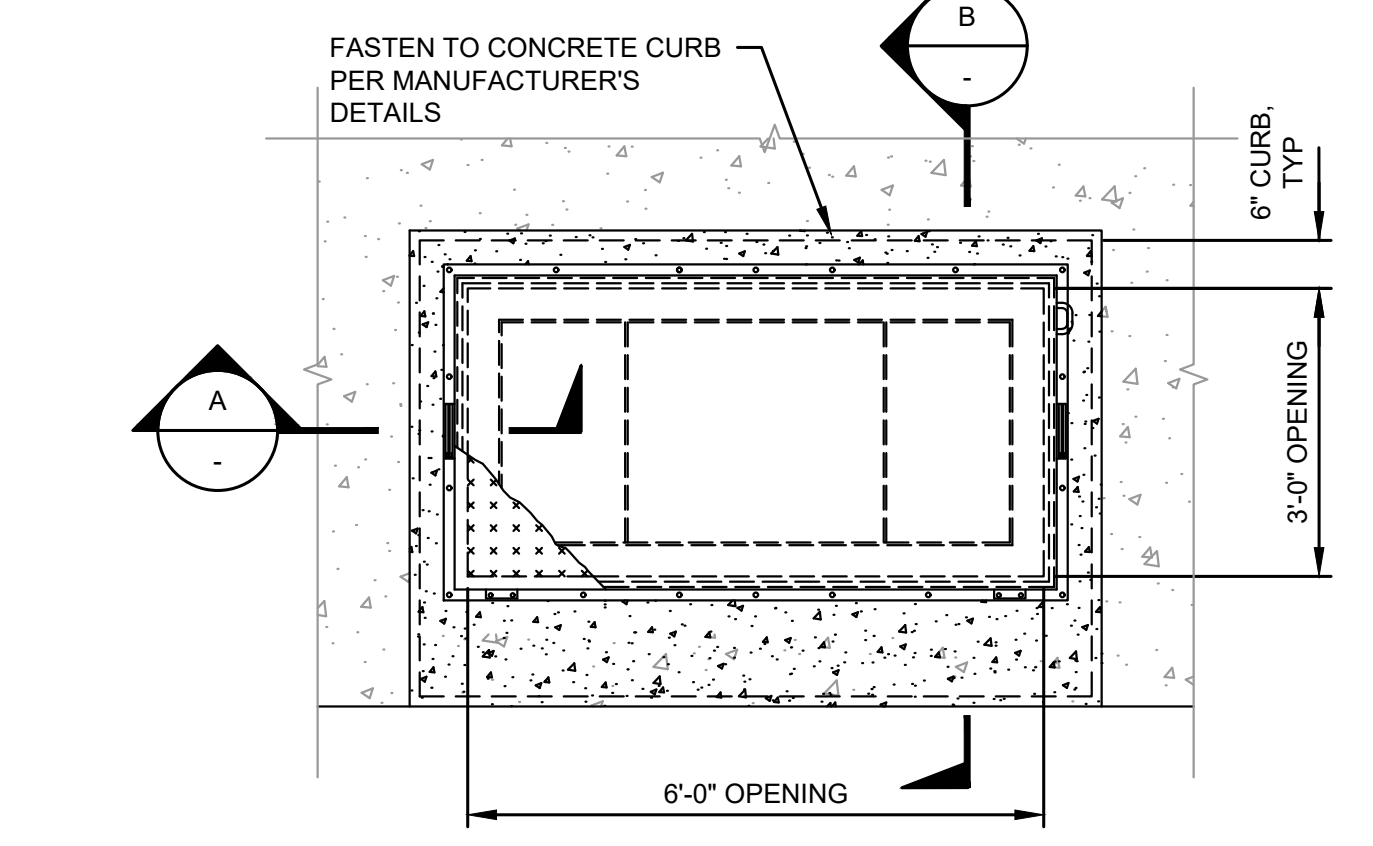
SECTIONS

DRAWING: **R2-8** OF: **10**



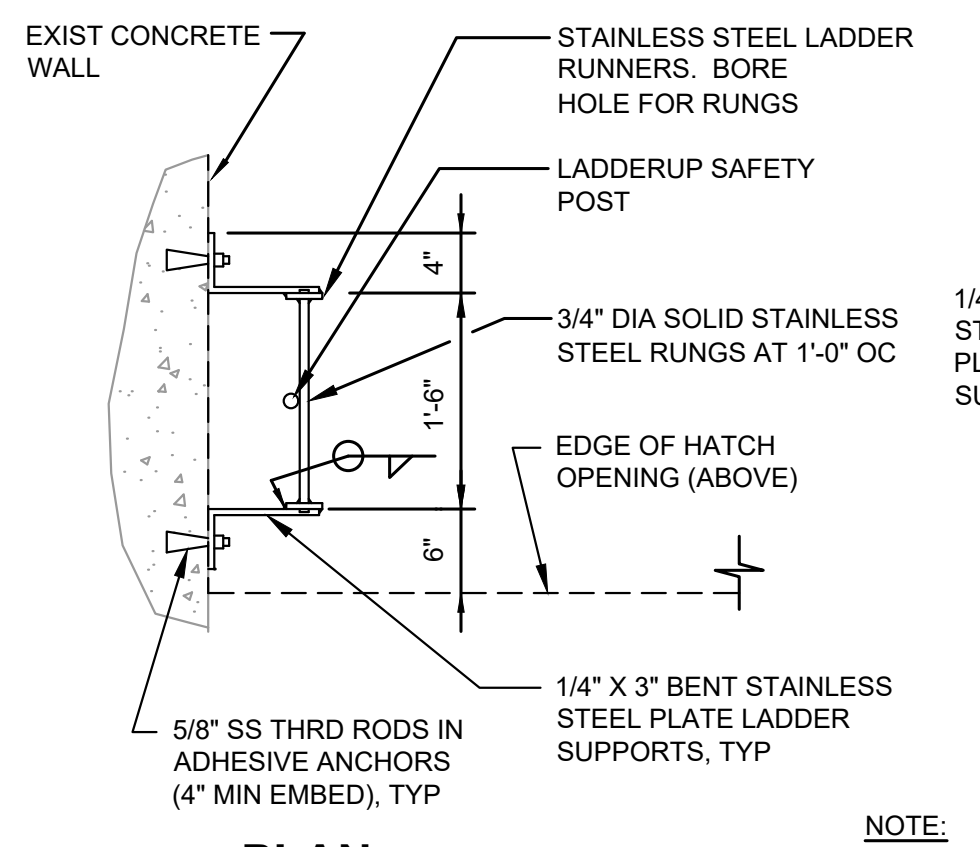
HATCH SECTION A
SCALE: 1/2"=1'-0"

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



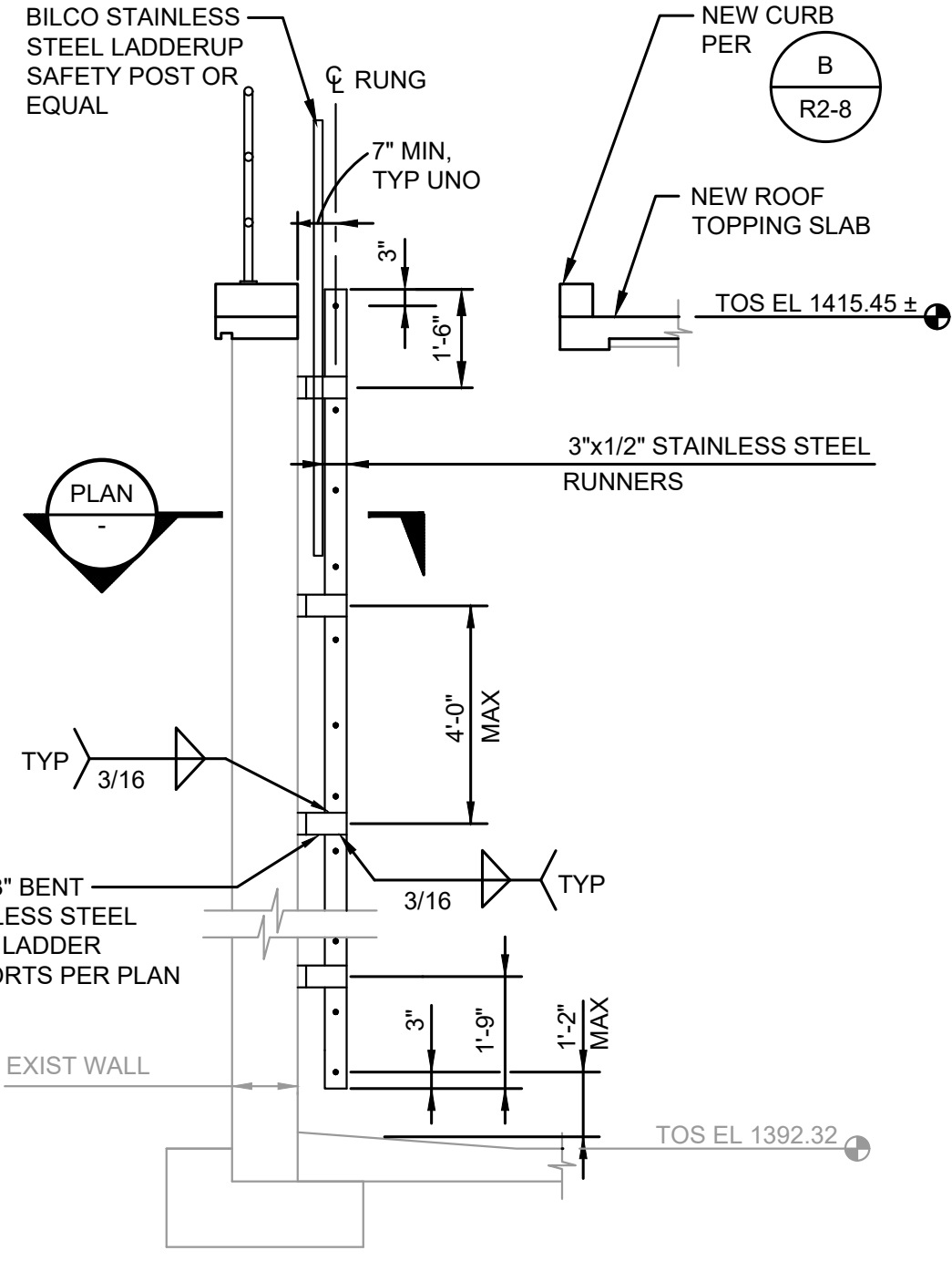
HATCH PLAN 1
SCALE: 1/2"=1'-0"

- NOTES:**
1. NEW SLAB AT THIS LOCATION SHALL BE CAST MONOLITHICALLY WITH THE REST OF THE ROOF SLAB. WHERE UNDERLYING T-GIRDERS ARE DEMOLISHED, NEW SLAB SHALL BE 6" THICK.

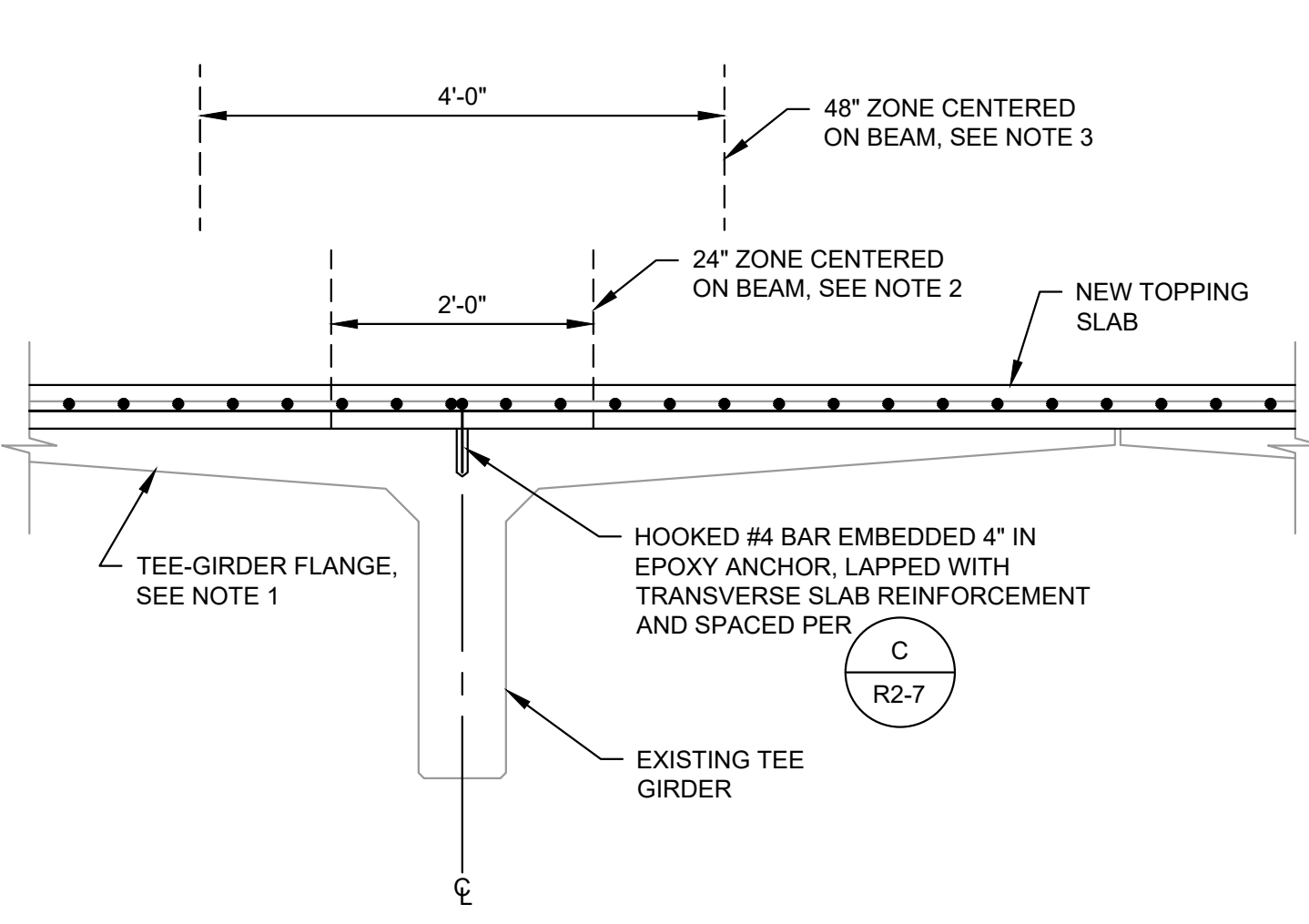


LADDER DETAIL 2
SCALE: 3/4"=1'-0"

- NOTE:**
1. ALL STAINLESS STEEL SHALL BE TYPE 316.

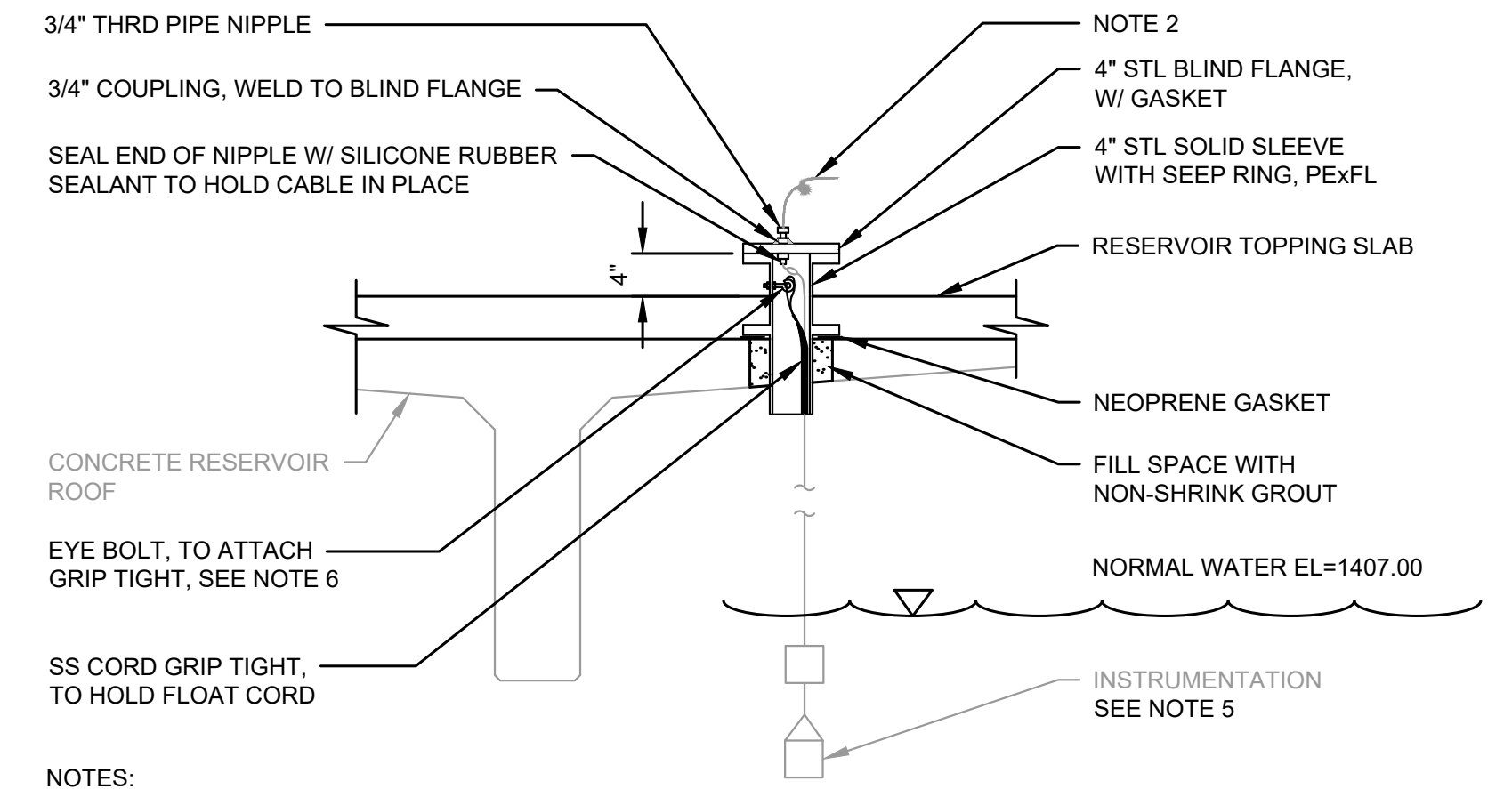


ELEVATION 3
SCALE: 3/8"=1'-0"



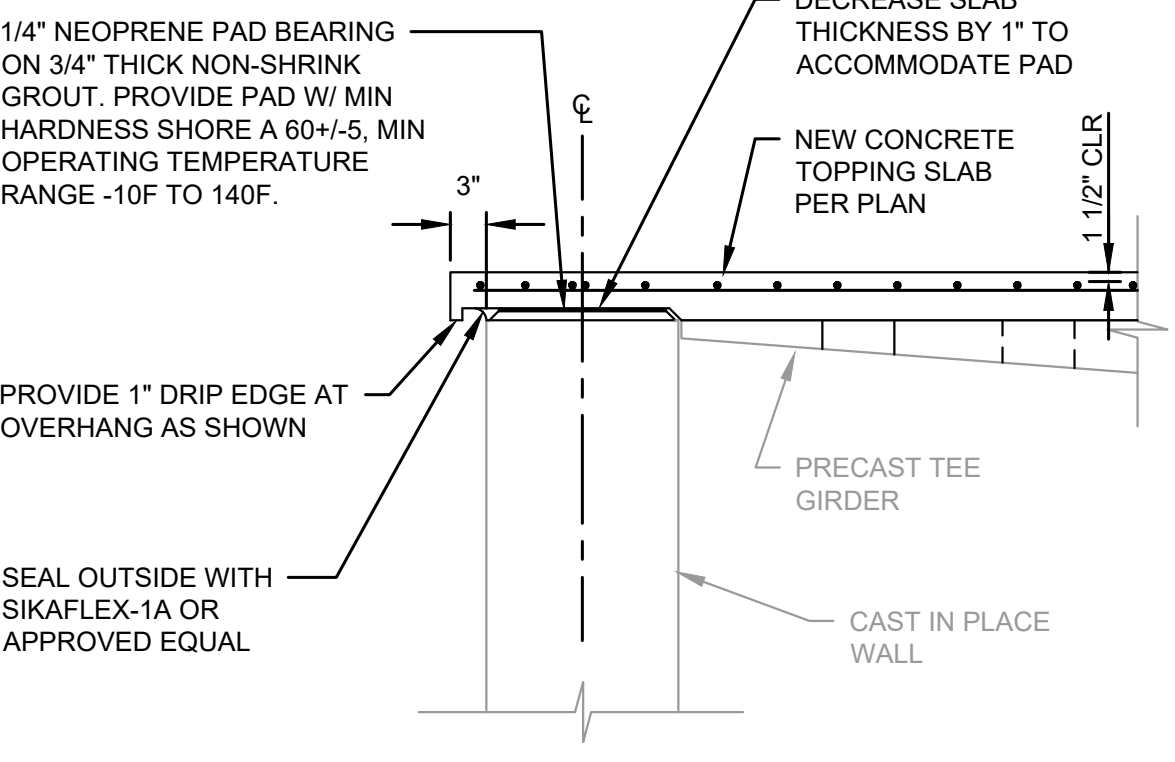
TOPPING SLAB CONCRETE PLACEMENT DETAIL 3
SCALE: 3/4"=1'-0"

- NOTES:**
1. CONCRETE FOR THE TOPPING SLAB SHALL BE POURED SUCH THAT THE WET CONCRETE DEPTH ABOVE ANY POINT ON THE FLANGES OF THE TEE GIRDERS DOES NOT EXCEED 5" AT ANY TIME DURING THE POUR, EXCEPT AS NOTED IN NOTES 2 AND 3.
 2. CONCRETE MAY BE POURED UP TO 12" DEEP BEFORE SPREADING IN THE CENTER ZONES OF GIRDERS, AS SHOWN IN THE DETAIL.
 3. REBAR STANDEES THAT BEAR ON THE TEE GIRDERS SHALL BE LIMITED TO THE 4'-0" WIDE ZONE CENTERED ON THE GIRDER, AS SHOWN IN THE DETAIL.
 4. AS AN ALTERNATIVE TO COMPLYING WITH NOTES 1, 2 AND 3, A TEMPORARY SHORING PLAN INCLUDING ENGINEER STAMPED STRUCTURAL CALCULATIONS FOR ALL TEMPORARY CONDITIONS SHALL BE SUBMITTED AND IMPLEMENTED.



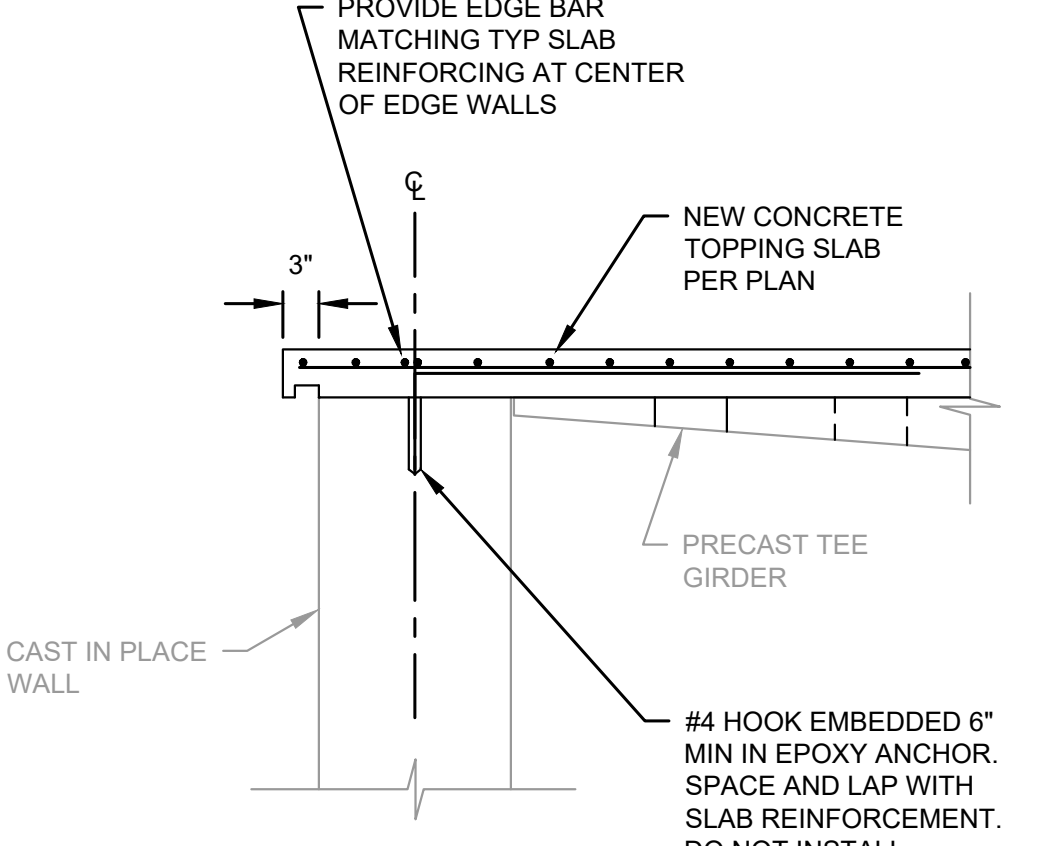
TELEMETRY ACCESS PORT FOR EXISTING INSTRUMENTATION 4
SCALE: 3/4"=1'-0"

- NOTES:**
1. CONTRACTOR SHALL COORDINATE/CONSULT ACCESS PORT IMPROVEMENTS WITH OWNER'S ELECTRICIAN.
 2. OWNER'S ELECTRICIAN TO COMPLETE INSTALLATION OF NEW TERMINAL BOXES, CONDUIT, AND CONDUCTORS FOR EXISTING FLOAT SWITCHES AND PRESSURE TRANSDUCER.
 3. APPLICABLE TO BOTH THE EXISTING FLOAT SWITCHES AND PRESSURE TRANSDUCER.
 4. FOR EXISTING CONCRETE OR PRECAST CONCRETE, AN OPENING SHALL BE PROVIDED OF ADEQUATE SIZE TO ALLOW FOR INSTALLATION OF PENETRATION SHOWN ON THIS DETAIL. IF OPENING IS PROVIDED BY CORE DRILLING, RESULTING SMOOTH CONCRETE SURFACES SHALL BE ROUGHENED BEFORE FILLING WITH GROUT. IN ADDITION, IF OPENING IS CORE DRILLED, CONTRACTOR MUST SCAN FOR EXISTING REINFORCEMENT PRIOR TO DRILLING.
 5. EXISTING INSTRUMENTATION SHALL BE TEMPORARILY REMOVED FOR THE RESERVOIR IMPROVEMENTS. PRIOR TO REMOVAL, ALL SET POINTS SHALL BE MEASURED IN FIELD. FOR RE-INSTALLATION OF INSTRUMENTATION, ALL SET POINTS SHALL BE REESTABLISHED.
 6. CONTRACTOR SHALL ENSURE EYE BOLT PENETRATION THROUGH STEEL SLEEVE IS WATER TIGHT.



SECTION C
SCALE: 3/4"=1'-0"

- NOTES:**
1. PRECAST TEE GIRDER ORIENTATION, CAST IN PLACE WALL THICKNESS VARY AT SIM.
 2. NEOPRENE PAD SHALL MATCH WIDTH OF THE WALL, LESS 2".
 3. NEOPRENE PADS SHALL BE APPROVED FOR USE IN CONTACT WITH DRINKING WATER PER NSF-61.



SECTION D
SCALE: 3/4"=1'-0"

- NOTES:**
1. PRECAST TEE GIRDER ORIENTATION AND CAST IN PLACE WALL THICKNESS VARY AT SIM.

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NOTES:

- REPAIR CORRODED REBAR IN SIMILAR OR WORSE CONDITIONS PER

1
R-2
- BLAST CORRODED STEEL CONNECTIONS BETWEEN TEES, APPLY ZINC-RICH PRIMER.
- FOR REPAIR QUANTITIES REFER TO NOTE 1 ON R2-6.

PHOTO DETAIL - EXISTING CONDITION OF CEILING

1
R2-6

 NTS



NOTES:

- REPAIR EXPOSED (OR SURFACE-VISIBLE) REBAR ENDS IN SIMILAR OR WORSE CONDITIONS PER

3
R-2
- FOR REPAIR QUANTITIES REFER TO NOTE 4 ON R2-6.

PHOTO DETAIL - EXISTING CONDITION BEAM-COLUMN INTERFACE

2
R2-6

 NTS



NOTES:

- REPAIR CORRODED REBAR AND DEEP CONCRETE SPALLING IN SIMILAR OR WORSE CONDITIONS PER

1
R-2
- FOR REPAIR QUANTITIES REFER TO NOTE 3 ON R2-6.

PHOTO DETAIL - EXISTING CONDITION FOR REPAIR OF 8X16 STIFFENERS

3
R2-6

 NTS



NOTES:

- REPAIR EXPOSED (OR SURFACE-VISIBLE) REBAR ENDS IN SIMILAR OR WORSE CONDITIONS PER

3
R-2
- FOR REPAIR QUANTITIES REFER TO NOTE 4 ON R2-6.

PHOTO DETAIL - EXISTING CONDITION FOR REBAR REPAIR IN CEILING BEAMS

4
R2-6

 NTS



ELECTRICAL CONNECTION BOXES. CONTRACTOR TO COORDINATE/CONSULT WITH OWNER'S ELECTRICIAN PRIOR TO DEMOLITION.

LEGEND:

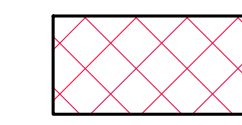
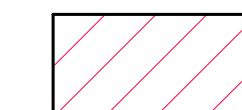
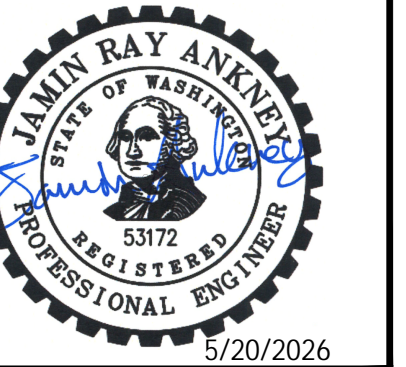
-  ITEMS TO BE DEMOLISHED
-  ITEMS TO BE ABANDONED IN PLACE

PHOTO DETAIL - ELECTRICAL PANELS AND CONDUITS

5
R2-2

 NTS



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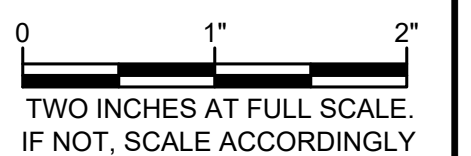
WESTBROOK RESERVOIRS IMPROVEMENTS

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WESTBROOK RESERVOIR NO. 2

PHOTO DETAILS

DRAWING: **R2-9** OF: **10**

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NOTES:

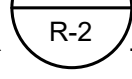
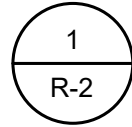
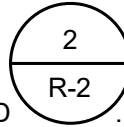
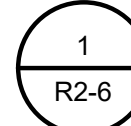
1. REPAIR CRACKS PER  FOR QUANTITY ESTIMATES, REFER TO NOTE 2 ON R2-6.
2. REPAIR SPALLED CONCRETE PER DETAILS  AND  FOR QUANTITY ESTIMATES, REFER TO NOTE 10 ON R2-6.

PHOTO DETAIL - EXISTING CONDITION AT WALL EXTERIOR

 NTS



NOTES:

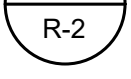
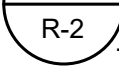
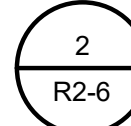
1. REPAIR DETERIORATED AND SPALLING CONCRETE PER DETAILS  AND  FOR QUANTITY ESTIMATES, REFER TO NOTE 5 ON R2-6.

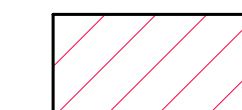
PHOTO DETAIL - EXISTING CONDITION AT TOP OF WALL

 NTS

LEGEND:



ITEMS TO BE DEMOLISHED



ITEMS TO BE ABANDONED IN PLACE



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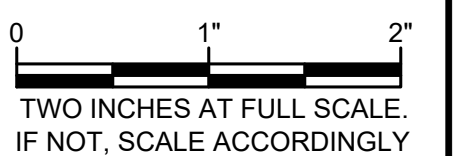
WESTBROOK RESERVOIRS IMPROVEMENTS

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WESTBROOK RESERVOIR NO. 2

PHOTO DETAILS

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