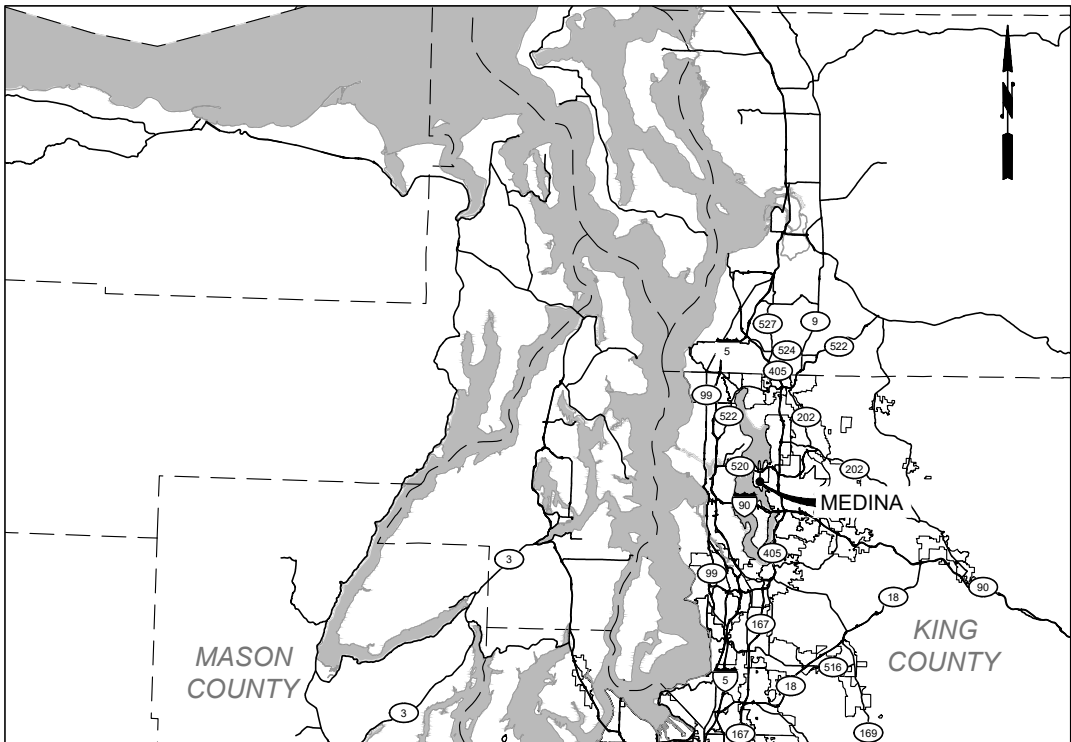


CITY OF MEDINA

KING COUNTY

WASHINGTON

LAKE LANE DOCK REPAIR



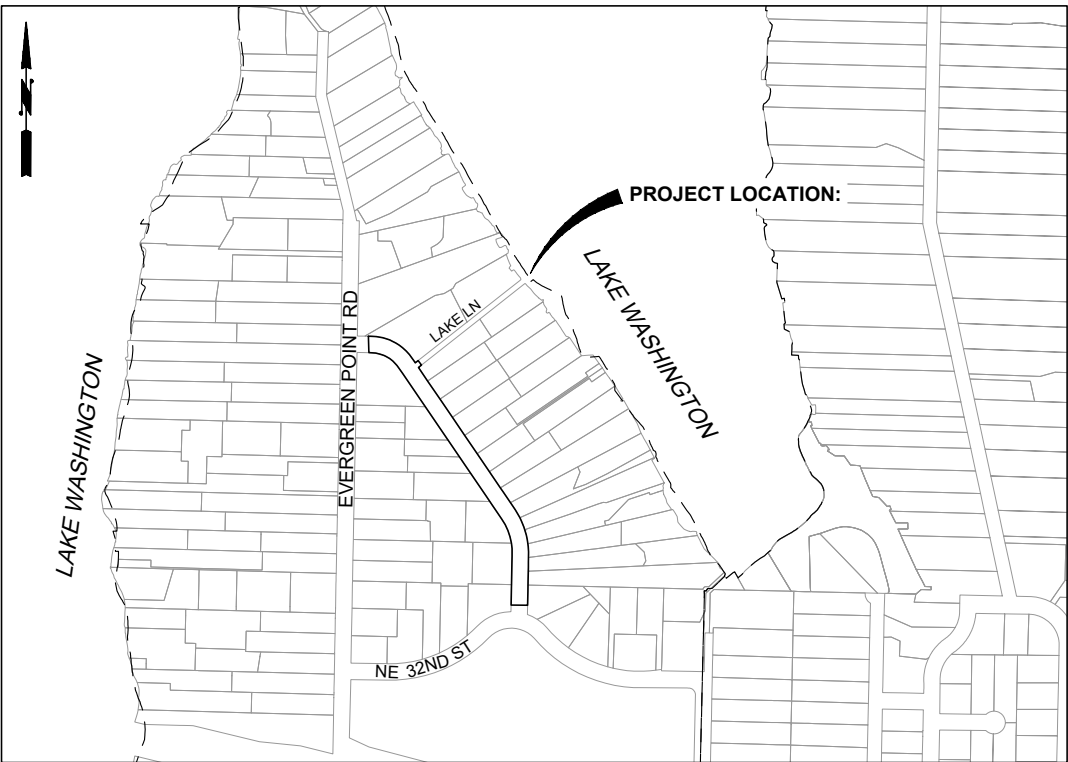
VICINITY MAP
NOT TO SCALE



CITY OFFICIALS

JESSICA ROSSMAN
MAYOR

RANDY REEVES
DEPUTY MAYOR



PROJECT LOCATION MAP
NOT TO SCALE

HEIJA NUNN

HARINI GOKUL

LAURA BUSTAMANTE

JEFF PRICE

MICHAEL LUIS

JEFF SWANSON
CITY MANAGER

RYAN OSADA
PUBLIC WORKS DIRECTOR



JULY 2026
G&O #26439

GENERAL 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.

DESIGN LOADS
DESIGN SNOW LOAD,Ps..... 25 PSF
GROUND SNOW LOAD,Pg..... 20 PSF
SNOW EXPOSURE FACTOR, Ce..... 1.2
SNOW LOAD IMPORTANCE FACTOR, Is..... 1.0

FLOOR LIVE LOAD:, Lf..... 60 PSF

GRATING
GRATING SHALL BE THRU-FLOW 1x4 LEGACY XP SERIES TABBED PANELS. GRATING BAR SIZES AND SPACING, OVERALL DIMENSIONS, CUTOUTS FOR OBSTRUCTIONS AND DIRECTIONS OF BEARING BARS SHALL BE AS INDICATED ON THE PLANS. GRATING SHALL SPAN DIRECTION BETWEEN SUPPORTS AS INDICATED ON PLAN. GRATING SHALL HAVE 40% MINIMUM LIGHT TRANSMISSION. GRATING SHALL SAFELY SUSTAIN:
UNIFORMLY DISTRIBUTED LOAD: 100 PSF
MAXIMUM DEFLECTION: 1/4 INCH

WOOD
SAWN LUMBER: SOUTHERN YELLOW PINE (SYP) #1 OR BETTER, U.N.O. WWPA GRADING RULES. ALL DIMENSIONS NOTED ARE NOMINAL. WOOD BEARING ON OR WITHIN 1" OF CONCRETE OR CMU OR WITHIN 6" OF EARTH SHALL BE TREATED WITH AN APPROVED PRESERVATIVE. ALL NAILS ARE TO BE "COMMON." ALL NAILS IN TREATED TIMBER SHALL BE GALVANIZED. ALL FRAMING CONNECTORS NOTED ARE PER SIMPSON STRONG TIE COMPANY INC. OR ENGINEER APPROVED EQUAL. SEE MANUFACTURER'S REQUIREMENTS.

ALL LUMBER SHALL BE MARINE TREATED UNLESS NOTED OTHERWISE. TREATED LUMBER SHALL BE BRANDED WITH A QUALITY CONTROL AGENCY MARK BY AMERICAN WOOD PROTECTION ASSOCIATION (AWPA). TREATMENT FOR LUMBER SHALL BE PER AWPA USE CATEGORY UC5A. LUMBER SHALL NOT BE TREATED WITH PENTACHLOROPHENOL, CREOSOTE, CHROMATE COPPER ARSENATE, OR SIMILAR TOXIC COMPOUNDS. OILBORNE AND ACID-BASED WATERBORNE PRESERVATIVES ARE NOT ALLOWED.

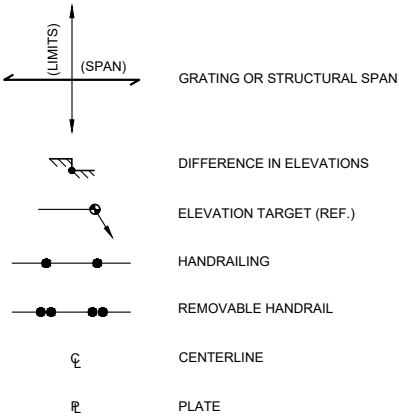
CONSTRUCTION NOTES

- CONTRACTOR SHALL SECURE THE WORK SITE TO PREVENT UNWANTED ENTRY. SIGNS AND FENCING SHALL IDENTIFY THAT THE DOCK IS TEMPORARILY CLOSED.
- LAWN AREAS SHALL NOT BE USED TO STORE MATERIALS OR EQUIPMENT.
- CONTRACTOR SHALL CONDUCT WORK IN A MANNER THAT WILL PREVENT THE DISCHARGE OF SEDIMENT, WOOD, PLASTIC OR OTHER MATERIALS INTO THE WATER. CONTRACTOR TO USE CAUTION TO PROTECT EXISTING VEGETATION SURROUNDING DOCK.
- CONTRACTOR SHALL REMOVE, WASTEHAUL, AND REPLACE DAMAGED COMPONENTS OF EXISTING DOCK AS IDENTIFIED ON THE PLANS.
- CONTRACTOR SHALL KEEP THE WORK SITE AND ADJACENT AREAS CLEAN AND TIDY THROUGHOUT THE DURATION OF THE PROJECT. DAILY REMOVAL OF TRASH, DEBRIS, ETC., IS REQUIRED. CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS TO PRE-EXISTING CONDITION AND REMOVE AND WASTEHAUL ALL CONSTRUCTION DEBRIS AND ACCESS MATERIALS. CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO ITEMS NOT SPECIFICALLY IDENTIFIED FOR REMOVAL OR REPLACEMENT.

SUPPLEMENTAL STRUCTURAL ABBREVIATIONS:

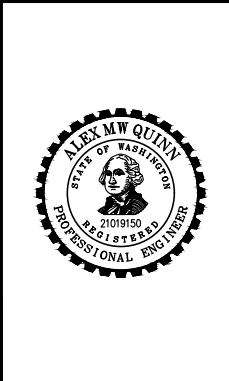
ABV	ABOVE	FRM'G	FRAMING	STIRR	STIRRUP
AFF	ABOVE FINISH FLOOR	FS	FAR SIDE	STRUC	STRUCTURE(AL)
ADD'L	ADDITIONAL	FTG	FOOTING	SYM	SYMMETRICAL
ADJ	ADJACENT	GA	GAUGE	T	TOP
AL	ALUMINUM	GB	GRADE BEAM	T&G	TONGUE AND GROOVE
APPRX	APPROXIMATE	GLB	GLUE-LAMINATED BEAM	TMPRY	TEMPORARY
ARCH	ARCHITECTURAL	HAS	HEADER ANCHOR STUDS	TN	TOE NAIL
@	AT	HDR	HEADER	TO	TOP OF
BEL	BELOW	HF	HEM-FIR	TOS	TOP OF SLAB
BF	BRACED FRAME	HGR	HANGER	TRANS	TRANSVERSE
BM	BEAM	HSB	HIGH STRENGTH BOLT (A325 UNO)	TYP	TYPICAL
BN	BOUNDRY NAIL	HSS	HOLLOW STRUCTURAL STEEL	UNO	UNLESS NOTED OTHERWISE
BNDRY	BOUNDRY	IBC	INTERNATIONAL BUILDING CODE	VFY	VERIFY
BO	BOTTOM OF	IF	INSIDE FACE	WHS	WELDED HEADED STUD
BOS	BOTTOM OF SLAB	INT	INTERIOR	WP	WORK POINT
BOT	BOTTOM	JST	JOIST	WS	WESTERN SPECIES
BRDG	BRIDGE(ING)	K	KIPS (1000 POUNDS)	WTS	WELDED THREADED STUD
BRG	BEARING	LAT	LATERAL	XX-STG	EXTRA STRONG
CAM	CAMBER(ED)	LDGR	LEDGER		DOUBLE EXTRA STRONG
CANT	CANTILEVER(ED)	LLH	LONG LEG HORIZONTAL		
CDF	CONTROLLED DENSITY FILL	LLV	LONG LEG VERTICAL		
CG	CENTER OF GRAVITY	LS	LAC SCREW		
CJP	CAST IN PLACE	LSL	LAMINATED STRAND LUMBER		
CJ	CONTROL JOINT	LT WT	LIGHT WEIGHT		
CJP	COMPLETE JOINT PENETRATION	LVL	LAMINATED VENEER LUMBER		
COL	COLUMN	MAS	MASONRY		
CONST	CONSTRUCTION	MAT'L	MATERIAL		
CONT	CONTINUOUS	MB	MACHINE BOLT (A307)		
CTSK	COUNTERSINK	MFR	MANUFACTURER		
D	DEPTH	MRF	MOMENT RESISTING FRAME		
d	PENNY (NAILS)	MTL	METAL		
DBL	DOUBLE	(N)	NEW MEMBER		
DF	DOUGLAS FIR	NS	NEAR SIDE		
DIAG	DIAGONAL	OH	OVERHANG		
DIAPH	DIAPHRAGM	ORNT	ORIENTATE (ION)		
do	DITTO (DO OVER)	PAR	PARALLEL		
DWG	DRAWING	P/C	PRECAST CONCRETE		
DWL	DOWEL	PERP	PERPENDICULAR		
EA	EACH	PSL	PARALLEL STRAND LUMBER		
EF	EACH FACE	PT	PRESSURE TREAT(ED)		
EJ	EXPANSION JOINT	P/T	POST TENSIONED		
EMBD	EMBED(MENT)	QTY	QUANTITY		
EN	EDGE NAIL	REF	REFERENCE		
ENG	ENGINEER	REINF	REINFORCEMENT		
EQ	EQUAL	SHT	SHEET		
ES	EACH SIDE	SHTG	SHEATHING		
EXIST	EXISTING MEMBER	SIM	SIMILAR		
EXT	EXTERIOR	SKW	SKEW(ED)		
FFE	FINISHED FLOOR ELEVATION	SS	SPACING		
FN	FACE NAIL	SPC	STAINLESS STEEL		
FND	FOUNDATION	SS	STAGGER		
FO	FACE OF	STGR	STIFFENER		
		STIFF			

STRUCTURAL LEGEND





Gray & Osborne, Inc.
CONSULTING ENGINEERS
1130 RAINIER AVENUE SOUTH,
SUITE 300
SEATTLE, WASHINGTON 98144
(206) 284-0860



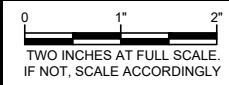
ALEX M.W. QUINN
STATE OF WASHINGTON
21019150
REGISTERED
PROFESSIONAL ENGINEER



CITY OF MEDINA
LAKE LANE DOCK
REPAIR

No.	DATE	REVISION

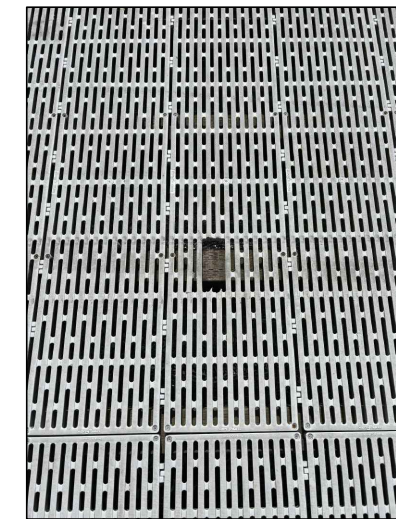
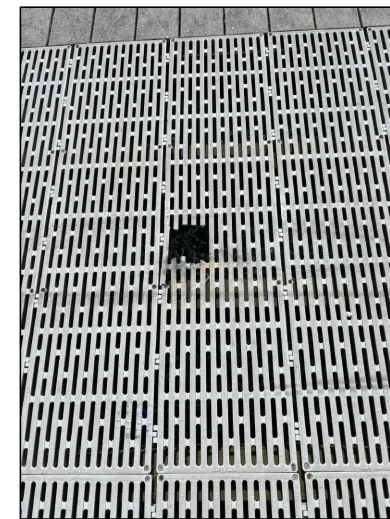
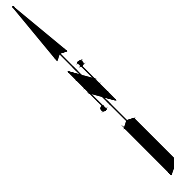
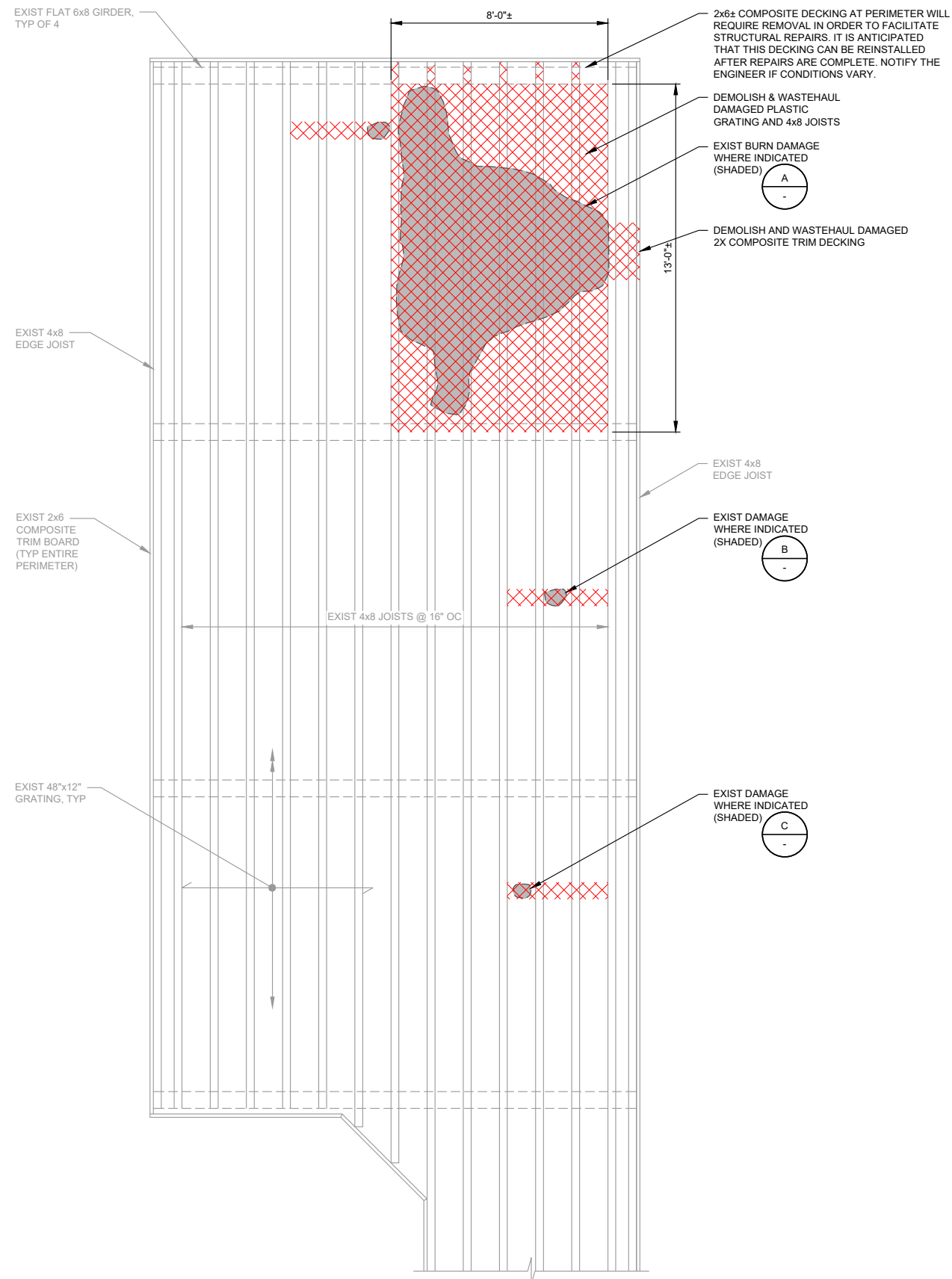
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CONSTRUCTION	
ISSUE DATE:	07/16/2026
APPROVED BY:	AQ
CHECKED BY:	AQ
DRAWN BY:	RAH
DESIGNER:	ACB
G & O JOB NO.:	26439
FILE:	S_STD.DWG



STRUCTURAL

GENERAL
STRUCTURAL NOTES,
SUPPLEMENTAL
STRUCTURAL
ABBREVIATIONS, AND
STRUCTURAL LEGEND





CITY OF MEDINA

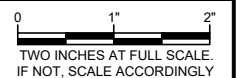
LAKE LANE DOCK REPAIR

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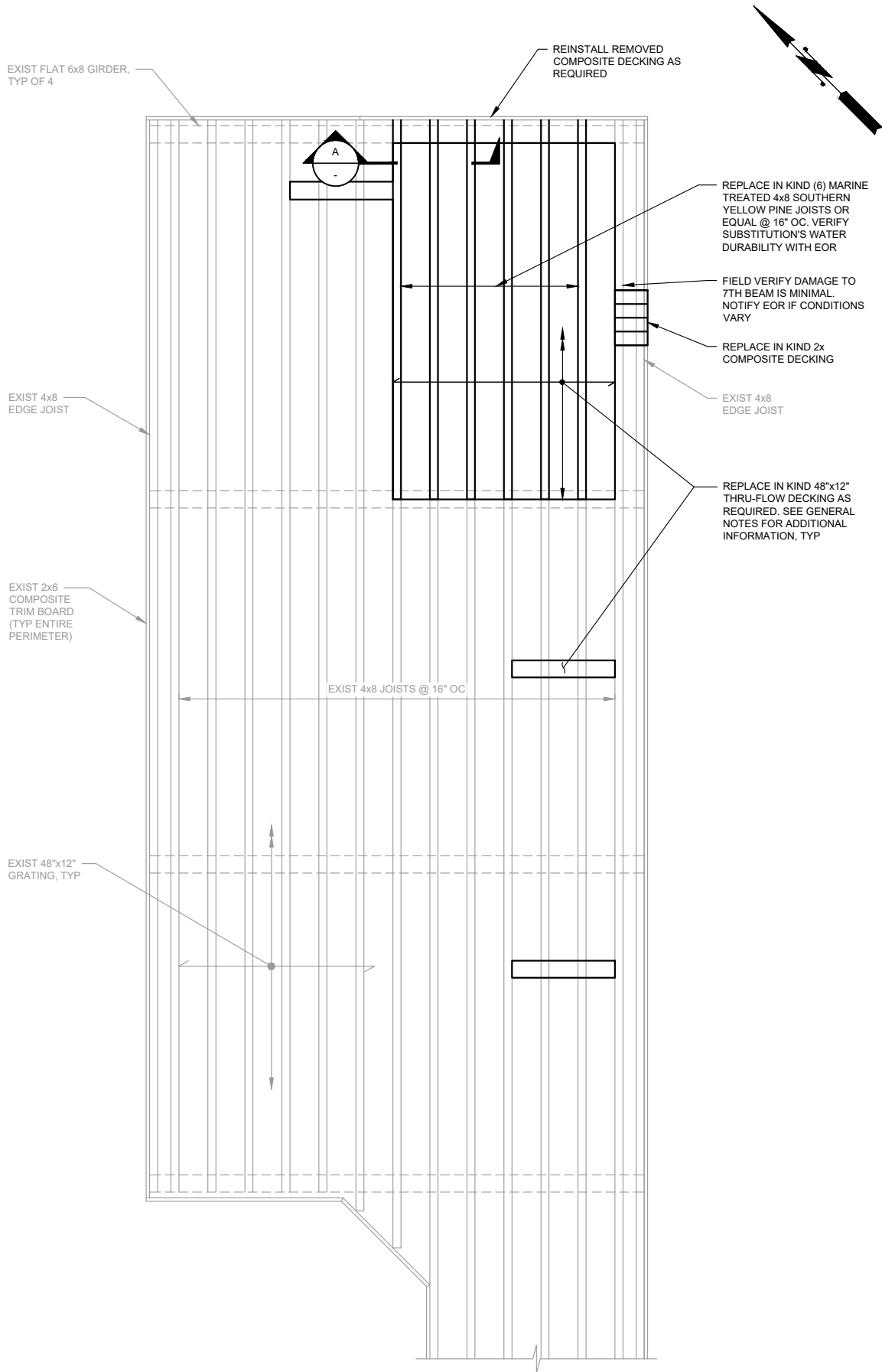


STRUCTURAL

DOCK DEMOLITION PLAN AND DETAILS

SHEET: **S-2** OF: **3**

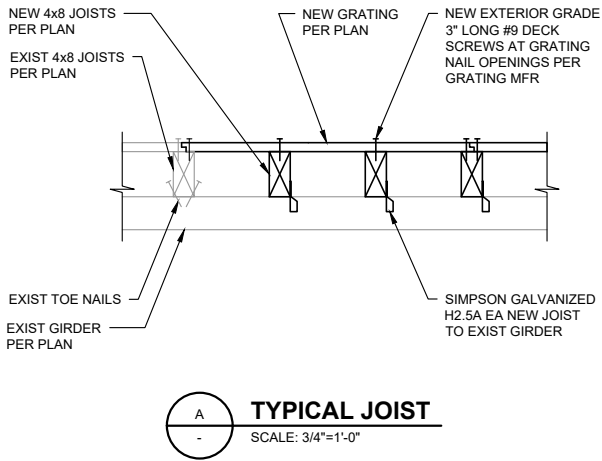
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PROPOSED PLAN
SCALE: 3/8"=1'-0"

NOTES:

- DIMENSIONS SHOWN ARE BASED ON BEST AVAILABLE INFORMATION. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING DIMENSIONS PRIOR TO CONSTRUCTION. NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
- NEW GRATING AND COMPOSITE DECKING SHALL MATCH COLOR AND STYLE OF EXISTING TO THE GREATEST EXTENT POSSIBLE.




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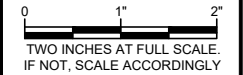
CITY OF MEDINA
LAKE LANE DOCK REPAIR

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STRUCTURAL

**DOCK PROPOSED
PLAN AND DETAIL**

SHEET: **S-3** OF: **3**