

PROJECT NO. 202284-100000

FILE NAME: 20228400S006.dgn



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GENERAL NOTES:

- 1. FOR GENERAL STRUCTURAL NOTES SEE DWG 00GS01.
- 2. ALL DETAILS ARE TYPICAL EVEN IF NOT EXPLICITLY CALLED OUT.

- 3. IT IS SOLELY THE CONTRACTOR'S **RESPONSIBILITY TO DETERMINE THE REPAIR** SEQUENCE TO ENSURE THE SAFETY OF THE STRUCTURE AND ITS COMPONENT PARTS DURING CONSTRUCTION, DEMOLITION AND REPAIR. THIS INCLUDES. BUT IS NOT LIMITED TO. THE ADDITION OF WHATEVER TEMPORARY BRACING, GUYS OR TIE-DOWNS MAY BE NECESSARY. WHERE NECESSARY, PROVIDE SHORING DESIGNED BY A PROFESSIONAL ENGINEER. SHORING SHOP DRAWINGS BEARING THE ENGINEER'S SEAL SHALL BE SUBMITTED FOR REFERENCE ONLY. ANY DAMAGE TO THE EXISTING STRUCTURE CAUSED BY THE ACTIONS OF THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT NO EXPENSE TO THE OWNER.
- 4. ALL DIMENSIONS AND ELEVATIONS SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE VERIFIED BY THE CONTRACTOR AND SHALL CONFORM TO THOSE SHOWN ON THE STRUCTURAL DRAWINGS. REPORT ALL DISCREPANCIES TO THE ENGINEER FOR RESOLUTION BEFORE PROCEEDING.
- 5. THE CONTRACTOR SHALL SUPPORT, BRACE AND SECURE EXISTING STRUCTURES AS REQUIRED. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE SAFETY OF EXISTING STRUCTURES DURING CONSTRUCTION. FIELD VERIFY ALL EXISTING DIMENSIONS WHICH AFFECT THE NEW CONSTRUCTION PRIOR TO FINAL DETAILING AND FABRICATION OF NEW STRUCTURAL ELEMENTS.
- 6. THE STRUCTURAL DRAWINGS DOCUMENT THE FINDINGS OF A PRELIMINARY SITE VISIT FINDING OF THE STRUCTURE CONDUCTED IN THE SUMMER OF 2023. ALL FORMS OF DETERIORATION NOTED ON THE DRAWINGS AND ENCOUNTERED IN THE FIELD SHALL BE REPAIRED BY THE CONTRACTOR IN COORDINATION WITH THE ENGINEER AND THE OWNER. THE ACTUAL SIZE AND EXTENT OF REPAIR REQUIRED MAY BE MORE OR LESS THAN THAT SHOWN ON THE DRAWINGS. THE REPAIR LOCATIONS SHOWN ON THE DRAWINGS ARE APPROXIMATE. THE CONTRACTOR SHALL SOUND THE CONCRETE STRUCTURE TO IDENTIFY THE EXACT LOCATION AND EXTENT OF EACH TYPE OF DETERIORATION. THE CONTRACTOR SHALL COMPLETELY REMOVE ALL UNSOUND CONCRETE AT EACH REPAIR. UNDER NO CIRCUMSTANCES SHALL LOOSE DETERIORATED CONCRETE OR CORRODED REBAR BE COVERED WITH PATCHING MATERIAL.
- 7. PRIOR TO PERFORMING ANY TYPE OF **RESTORATION OR REPAIR IN ANY AREAS NOT** NOTED TO BE DAMAGED ON THESE DRAWINGS THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND OWNER AND AWAIT WRITTEN PERMISSION TO PROCEED. THIS INCLUDES REPAIR WORK IDENTIFIED ON THE DRAWINGS WHEN IT IS DETERMINED THAT THE REQUIRED REPAIR WILL EXCEED THE SIZE OF THE INDICATED REPAIR BY MORE THAN 50%. FOR EXAMPLE, THE CONTRACTOR NEEDS PERMISSION FROM THE ENGINEER AND OWNER TO PROCEED WHEN IT IS DETERMINED THAT A 2'x3' WALL PATCH IS REQUIRED EVEN THOUGH THE DRAWINGS INDICATED THAT ONLY A 2'x2' PATCH WAS NEEDED.
- 8. REPAIR FINISHES SHALL MATCH THE FINISHED SURFACE FINISH ADJACENT TO THE REPAIR.
- 9. WHERE ACCESS TO DETERIORATED CONCRETE REQUIRING REPAIR IS LIMITED BY UTILITIES OR OTHER OBSTRUCTIONS, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO TEMPORARILY RELOCATE THE OBSTRUCTION. AFTER THE CONCRETE REPAIR IS COMPLETED, THE CONTRACTOR SHALL RESTORE THE RELOCATED OBJECT TO ITS ORIGINAL POSITION.

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NSVILLE PUBLIC UTILITIE	VERIFY SCALES	JOB NO. 202284	6	
ON TRAIN STRUCTURAL I	BAR IS ONE INCH ON ORIGINAL DRAWING	drawing no.		
STRUCTURAL	0 1"			
CATION SECTIONS AN	IF NOT ONE INCH ON	SHEET NO.		
	SCALES ACCORDINGLY	12 OF 14		
11	12	13		



	6		7			0		0	10
	0		/			0		9	10
DE: SURFACES 2"				ТА	TABLE 1: REINFORCING BAR LAP SPLICES: f'c = 4000 PSI, F				, Fy = 60,000 PSI
SURFACES						MINIMUM	MINIMUM CLEAR	LAP SPLICE LE	NGTH (INCHES)
				B/	AR ZE	COVER	BAR SPACING		
ND SLABS	SAME A	S SLABS				(BAR DIA)	(BAR DIA)	TOP BARS	OTHER BARS
				#	4	MORE THAN 1	MORE THAN 2	32 *	25 *
ITS IN SLABS A	ND WALLS OF LIQUIE	D-CONTAINING	TED			MORE THAN 2	MORE THAN 4	20	16
OF STRUCTUR	ROUGH STRUCTURE,	GN GROUNDWA , SPLICING	ATER	#	5	MORE THAN 1	MORE THAN 2	40 *	31 *
VATERSTOPS IN	N WALLS.				6	MORE THAN 2	MORE THAN 2	26	20
OP OF WALLS. \ 6. CONTINUE W	WHERE TOP OF WAL ATERSTOP TO WALL	L IS COVERED SLAB JOINT. W	BY HERE	#		MORE THAN 1	MORE THAN 4	30	24
SLAB WITH WA	ATERSTOPS, MAKE W	VATERSTOPS		#	7	MORE THAN 1	MORE THAN 2	70 *	54 *
RSTOPS IN WAL	LS WITH WATERSTO	PS IN SLAB.				MORE THAN 2	MORE THAN 4	43	33
WITH THE CON		6. WHERE WATE	R	#	8	MORE THAN 1	MORE THAN 2	81 *	62 *
JURING IS NUT	ALLOWED.					MORE THAN 2	MORE THAN 4	50	38
THAT WATER C TUDY SPECIFIC	URING IS DIFFICULT	AT TIMES DUE ⁻ ITS AND FURNIS	ГО SH	#	9	MORE THAN 1	MORE THAN 2	90 *	70 *
	RING WHERE REQUIR	RED.				MORE THAN 2	MORE THAN 4	56	42
S VISIBLY MOIS	TATALL TIMES. FLO	OD TOPS OF W	ALLS	#1	10	MORE THAN 1	MORE THAN 2	104 *	81 *
MALLS UNTIL.						MORE THAN 2	MORE THAN 4	62	48
	STRUCTURE AND CO	NCRETE		#1		MORE THAN 1	MORE THAN 2	114 *	88 *
	PRESSIVE STRENGT	⊣ (f'c).				MORE THAN 2	MORE THAN 4	69	54
IS HAVE BEEN (MINIMUM SPEC	CAST AND CONCRET	E IN THOSE	~)	RE	INFOR	CING BAR LAP SPI	LICE TABLE NOTES:		
				1.	TABU MININ	LATED SPLICE LE	NGTHS ARE APPLICABLE O	NLY WHEN BOTH REQU SPACING ARE SATISFIE	JIREMENTS FOR
				2.	*=IF	THE CLEAR BAR	SPACING IS LESS THAN OF	R EQUAL TO TWO BAR E	JIAMETERS. OR THE
OR LAP SPLICE LICED AT THE S	LENGTHS. AME SECTION. THE "	CLEAR		2.	COVE	ER IS LESS THAN (OR EQUAL TO ONE BAR DIA	METER, THE LAP SPLIC	CE LENGTH SHALL BE
HE MINIMUM C	LEAR DISTANCE BET	WEEN THE BAF	RS						
ON THE DRAV	ה טואושו בא. WINGS, BARS AT A LA	P							
NCRETE IS CAS	NT AT LOCATIONS WE ST IN THE MEMBER B	ELOW THE BAR	λ.						
RS AND EDGE	S WITH 3/4" CHAMEE	R UNI ESS							
AWINGS.									
NCRETE	NOTES			S1	01	REINFOR	CED CONCRET	E NOTES	
					_{YP} /				
SHEET 2 OF 3	3 07/07	7/23			s		SHEET 3 O	F 3 07/07	//23
FILE A A A COAT W CEMENT BEFORE B 1	-REPAIR WITH PREF AGGREGATE REPA 	ACKAGED SMA IR CONCRETE							
PAIR - SL	JRFACE - PR	REPACKA	GED						
GATE REI	PAIR CONCF	RETE							
SHEET 2 (OF 2 C)9/12/23					8-14-10-04-1-		
									BROW
							\sim		
Car						®	*****		FLUCCULAI
					5		BROWNSVILL	E	
			TBPELS No. F-8	82		Р	UBLIC UTILITIES B	OARD	
								-	
	<u>_</u> 6		7			8		9	10



