

INSPECTION TABLES AND NOTES

REQUIRED VERIFICATION AND INSPECTION OF STEEL CONSTRUCTION			
ANSI / AISC 360 TABLE N5.4-1 INSPECTION TASKS PRIOR TO WELDING			
INSPECTION TASKS PRIOR TO WELDING		QC	QA
WELDING PROCEDURE SPECIFICATIONS (WPSs) AVAILABLE		P	P
MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE		P	P
MATERIAL IDENTIFICATION (TYPE / GRADE)		O	O
WELDER IDENTIFICATION SYSTEM ¹		O	O
FIT-UP OF GROOVE WELDS (INCLUDING JOINT GEOMETRY) - JOINT PREPARATION - DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL) - CLEANLINESS (CONDITION OF STEEL SURFACE) - TACKING (TACK WELD QUALITY AND LOCATION) - BACKING TYPE AND FIT (IF APPLICABLE)		O	O
CONFIGURATION AND FINISH OF ACCESS HOLES		O	O
FIT-UP OF FILLET WELDS - DIMENSIONS (ALIGNMENT, GAPS @ ROOT) - CLEANLINESS (CONDITION OF STEEL SURFACE) - TACKING (TACK WELD QUALITY AND LOCATION)		O	O
CHECK WELDING EQUIPMENT		O	-

¹ The fabricator or erector, as applicable, shall maintain a system by which a welder who has welded a joint or member can be identified. Stamps, if used, shall be the low-stress type.

ANSI / AISC 360 TABLE N5.4-2 INSPECTION TASKS DURING WELDING			
INSPECTION TASKS DURING WELDING		QC	QA
USE OF QUALIFIED WELDERS		O	O
CONTROL AND HANDLING OF WELDING CONSUMABLES - PACKAGING - EXPOSURE CONTROL		O	O
NO WELDING OVER CRACKED TACKS		O	O
ENVIRONMENTAL CONDITIONS - WIND SPEED WITHIN LIMITS - PRECIPITATION AND TEMPERATURE		O	O
WPS FOLLOWED - SETTINGS ON WELDING EQUIPMENT - TRAVEL SPEED - SELECTING WELDING MATERIALS - SHIELDING GAS TYPE / FLOW RATE - PREHEAT APPLIED - INTERPASS TEMPERATURE MAINTAINED (MIN / MAX) - PROPER POSITION (F, V, H, OH)		O	O
WELDING TECHNIQUES - INTERPASS AND FINAL CLEANING - EACH PASS WITHIN PROFILE LIMITATIONS - EACH PASS MEETS QUALITY REQUIREMENTS		O	O

ANSI / AISC 360 TABLE N5.4-3 INSPECTION TASKS AFTER WELDING			
INSPECTION TASKS AFTER WELDING		QC	QA
WELDS CLEANED		O	O
SIZE, LENGTH, AND LOCATION OF WELDS		P	P
WELDS MEET VISUAL ACCEPTANCE CRITERIA - CRACK PROHIBITION - WELD / BASE-METAL FUSION - CRATER CROSS SECTION - WELD PROFILES - WELD SIZE - UNDERCUT - POROSITY		P	P
ARC STRIKES		P	P
k - AREA ²		P	P
BACKING REMOVED, AND WELD TABS REMOVED (IF REQUIRED)		P	P
REPAIR ACTIVITIES		P	P
DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT OR MEMBER		P	P

² When welding of double plates, continuity plates or stiffeners has been performed in the k - areas, visually inspect the web k - area for cracks within 3 inches (75mm) of the weld.

NOTATION:

CONT.	CONTINUOUS INSPECTION
PER.	PERIODIC INSPECTION
VER.	VERIFICATION OF EACH ELEMENT, MATERIAL, TEST, SPECIFICATION, ETC.
X	DENOTES FREQUENCY OF INSPECTION
O	DENOTES FREQUENCY OF INSPECTION IS DEFINED IN SOME OTHER MANNER
O	OBSERVE - INSPECTOR SHALL OBSERVE THESE FUNCTIONS ON A RANDOM, DAILY BASIS
P	PERFORM - THESE INSPECTIONS SHALL BE PERFORMED PRIOR TO THE FINAL ACCEPTANCE OF THE ITEM
D	DOCUMENT - INSPECTOR SHALL PREPARE REPORTS INDICATING THAT THE WORK HAS BEEN PERFORMED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS PER ANSI / AISC 341.

GENERAL REQUIREMENTS AND PREPARATION:

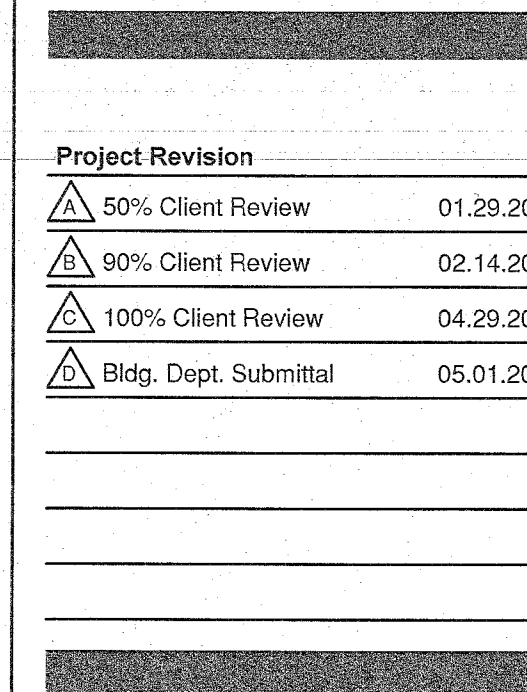
- THIS INSPECTION AND OBSERVATION PROGRAM HAS BEEN DEVELOPED WITH THE UNDERSTANDING THAT THE OWNER SHALL DESIGNATE A RESPONSIBLE INDIVIDUAL OR FIRM, ACCEPTABLE TO THE REGISTERED DESIGN PROFESSIONAL (RDP) IN RESPONSIBLE CHARGE OF THE PROJECT AND BUILDING OFFICIAL, TO OVERSEE AND COORDINATE THE IMPLEMENTATION OF THE PROGRAM, AND MONITOR THE SPECIAL INSPECTION ACTIVITIES ON THE JOB SITE TO ASSURE THAT THE SPECIAL INSPECTORS PERFORM THEIR DUTIES, AS DESCRIBED HEREIN.
- THE OWNER OR THE RDP SHALL EMPLOY ONE OR MORE SPECIAL INSPECTORS, INSPECTION AGENCIES OR FIRMS, APPROVED BY THE BUILDING OFFICIAL, TO PROVIDE INSPECTION DURING CONSTRUCTION ON THE TYPES OF WORK REQUIRING SPECIAL INSPECTION AS DEFINED IN CBC 1704.2.
- THE OWNER OR ITS DESIGNEE SHALL EMPLOY MATERIALS TESTING LABORATORY / TESTING AGENCY AS APPROVED BY THE RDP AND THE BUILDING OFFICIAL TO PERFORM TESTS SPECIFIED IN THIS SECTION.

CONTRACTOR RESPONSIBILITIES (CBC SECTION 1704.4):

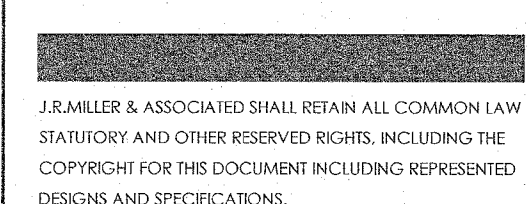
- CONTRACTOR'S STATEMENT OF RESPONSIBILITY: EACH CONTRACTOR RESPONSIBLE FOR THE CONSTRUCTION OF A MAIN WIND-OR SEISMIC-FORCE RESISTING SYSTEM, DESIGNATED SEISMIC SYSTEM OR A WIND-OR SEISMIC-RESISTING COMPONENT LISTED IN THE STATEMENT OF SPECIAL INSPECTION SHALL SUBMIT A WRITTEN STATEMENT OF RESPONSIBILITY TO THE BUILDING OFFICIAL, THE RDP, AND THE OWNER PRIOR TO THE COMMENCEMENT OF WORK ON THE SYSTEM OR COMPONENT.
- CONTRACTOR'S STATEMENT OF RESPONSIBILITY SHALL CONTAIN THE FOLLOWING:
 - ACKNOWLEDGEMENT OF AWARENESS OF THE REQUIREMENTS CONTAINED IN THE STATEMENT OF SPECIAL INSPECTIONS;
 - ACKNOWLEDGEMENT THAT CONTROL WILL BE EXERCISED TO OBTAIN CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS APPROVED BY THE BUILDING OFFICIAL AND THE RDP;
 - PROCEDURE FOR EXERCISING CONTROL WITHIN THE CONTRACTOR'S ORGANIZATION, THE METHOD AND FREQUENCY OF REPORTING AND THE DISTRIBUTION OF THE REPORTS; AND
 - IDENTIFICATION AND QUALIFICATIONS OF THE PERSON(S) EXERCISING SUCH CONTROL AND THEIR POSITION(S) IN THE ORGANIZATION.
- SUBMITTALS:
 - SUBMIT SHOP DRAWINGS, DESIGN DATA, CERTIFICATIONS, MANUFACTURER'S FIELD REPORTS, AND OTHER QUALITY CONTROL SUBMITTALS AS REQUIRED BELOW FOR REVIEW BY THE RDP.
 - CONCRETE MIX DESIGN
 - STRUCTURAL STEEL SHOP DRAWINGS

REQUIRED VERIFICATION & INSPECTION OF CONCRETE CONSTRUCTION (CBC TABLE 1705.3)		FREQUENCY		
		CONT.	PER.	VER.
1.	INSPECT REINFORCEMENT AND VERIFY PLACEMENT.		X	
2.	VERIFY USE OF REQUIRED DESIGN MIX.		X	
3.	PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	X		
SPECIAL PROVISIONS FOR SEISMIC RESISTANCE				
4.	INSTALLATION OF (CHEMICAL \ EPOXY) ADHESIVE ANCHORS, RODS AND DOWELS	X		

a. Specific requirements for special inspection shall be included in the research report for the anchor issued by an approved source in accordance with 17.8.2 in ACI 308, or other qualified procedure. Where specific requirements are not provided, special inspection requirements shall be specified by the registered design professional and shall be approved by the building official prior to the commencement of the work.

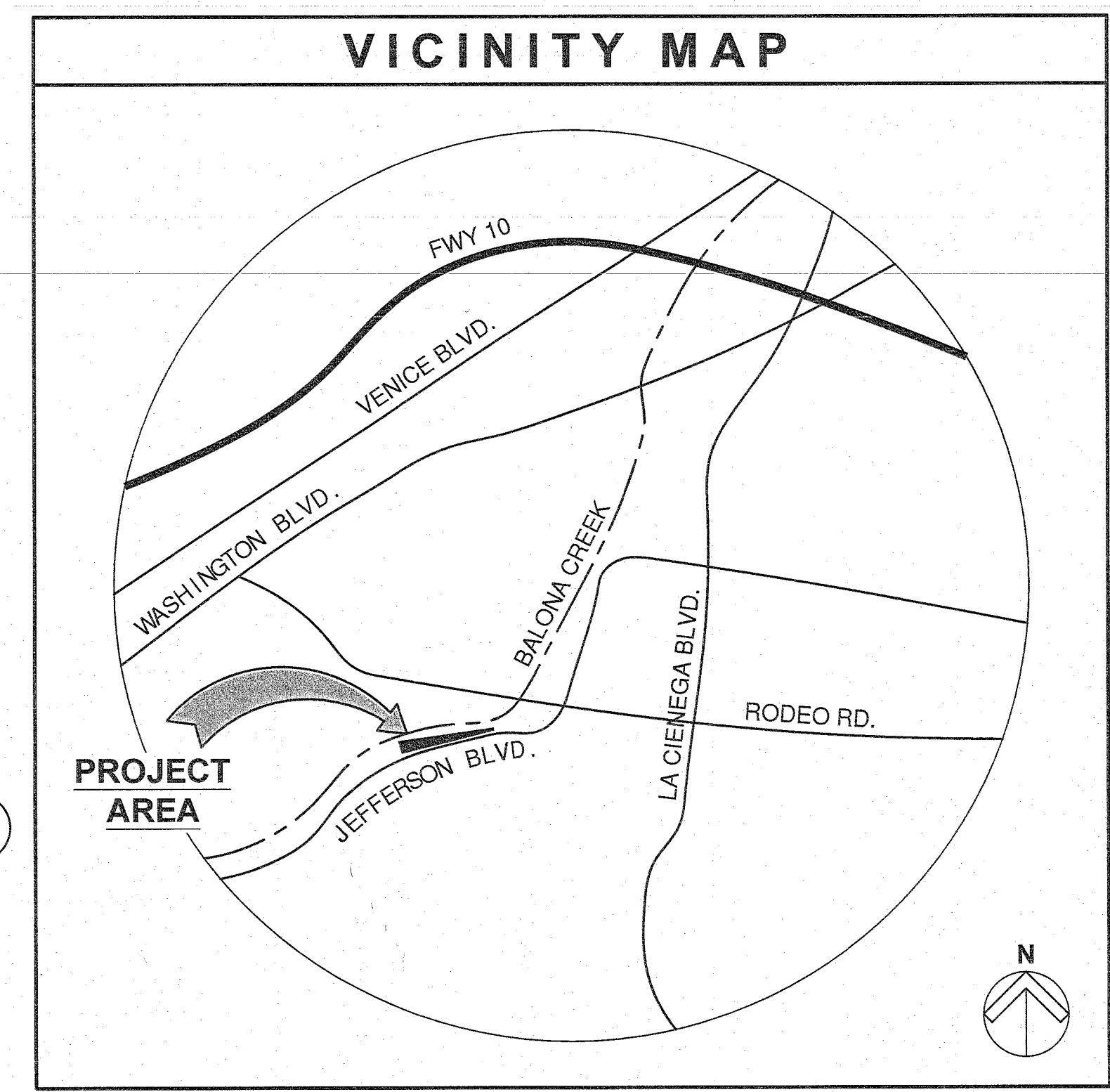
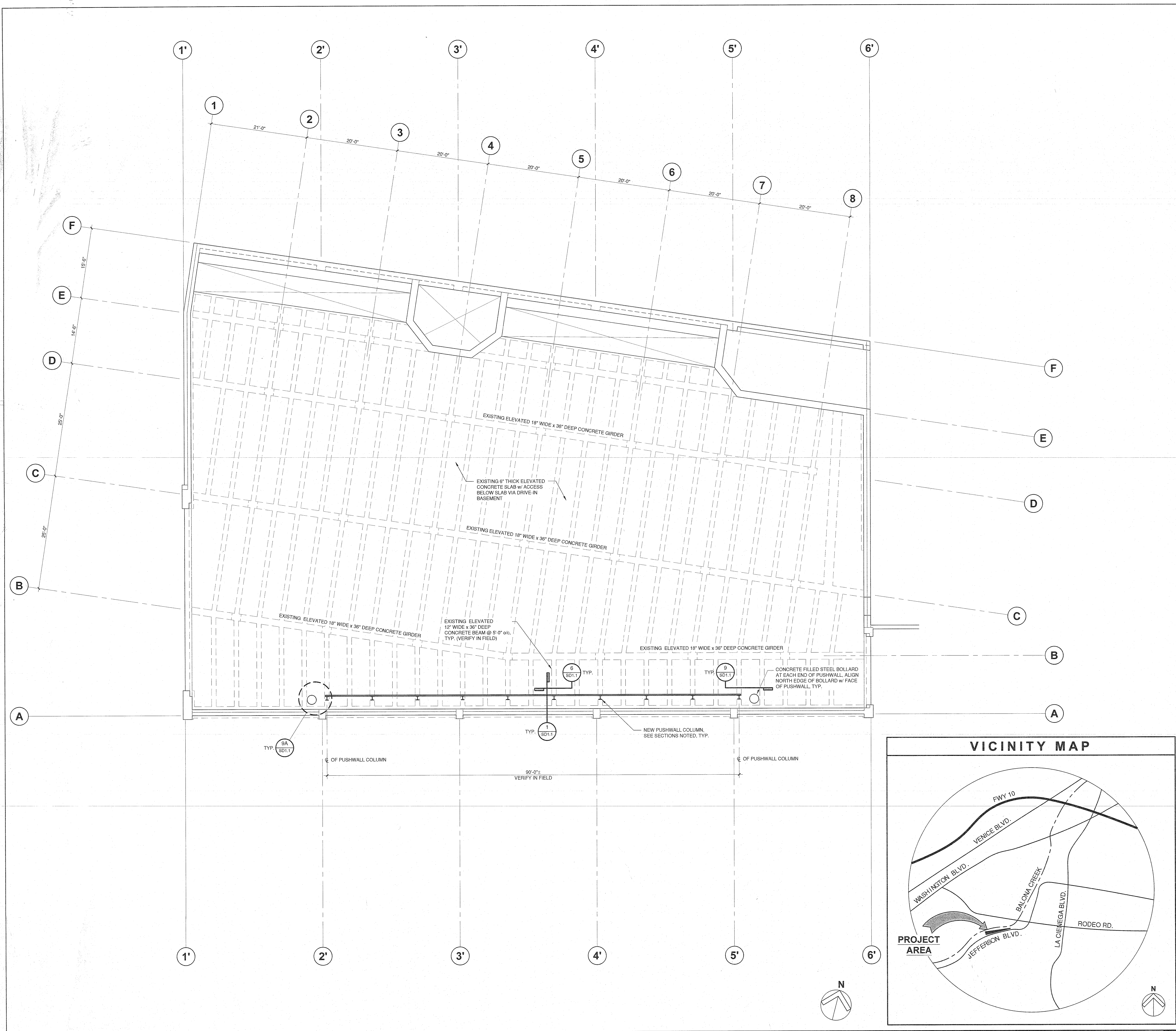
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9255 JEFFERSON BLVD.
CULVER CITY, CA



JRMA Project No.
5457-B

B) B20-0331 DVE: 5/20/20 (SDA)



NOTES

- FOR GENERAL NOTES AND INFORMATION NOT SHOWN, SEE SHEET S1.1.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS AND CONDITIONS PRIOR TO ANY FABRICATION AND/OR CONSTRUCTION. NOTIFY ENGINEER IF THERE ARE ANY DISCREPANCIES.

JRMA
ARCHITECTS ENGINEERS

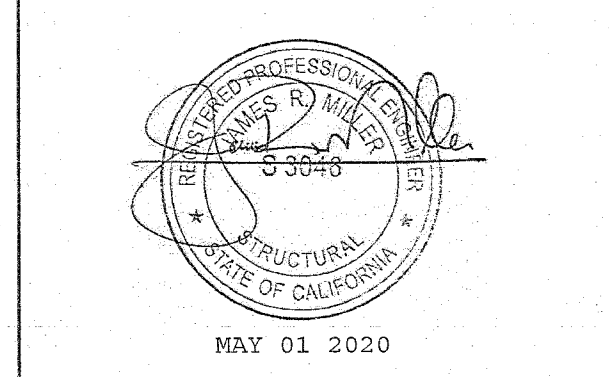
2700 SATURN ST. BREA, CA 92821
T. 714.524.1870 F. 714.524.1875
WWW.JRMA.COM

Project Revision	
50% Client Review	01.29.20
90% Client Review	02.14.20
100% Client Review	04.29.20
Bldg. Dept. Submittal	05.01.20

PROPOSED
PUSHWALL
FOR:

**CULVER CITY
TRANSFER
STATION**

9255 JEFFERSON BLVD.
CULVER CITY, CA



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**EXISTING
FLOOR
FRAMING
PLAN**

LEGEND

REVISION: **PROVED**

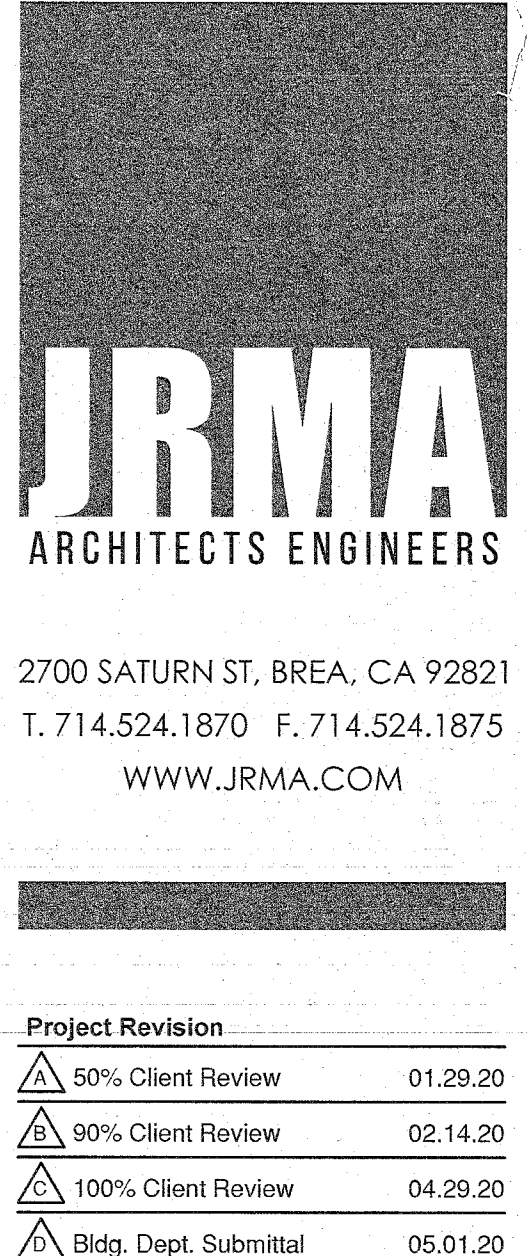
AS NOTED
DATE: **JD**
BY: **DWN**

AS NOTED
SCALE: **ML**
CHK: **CHK**

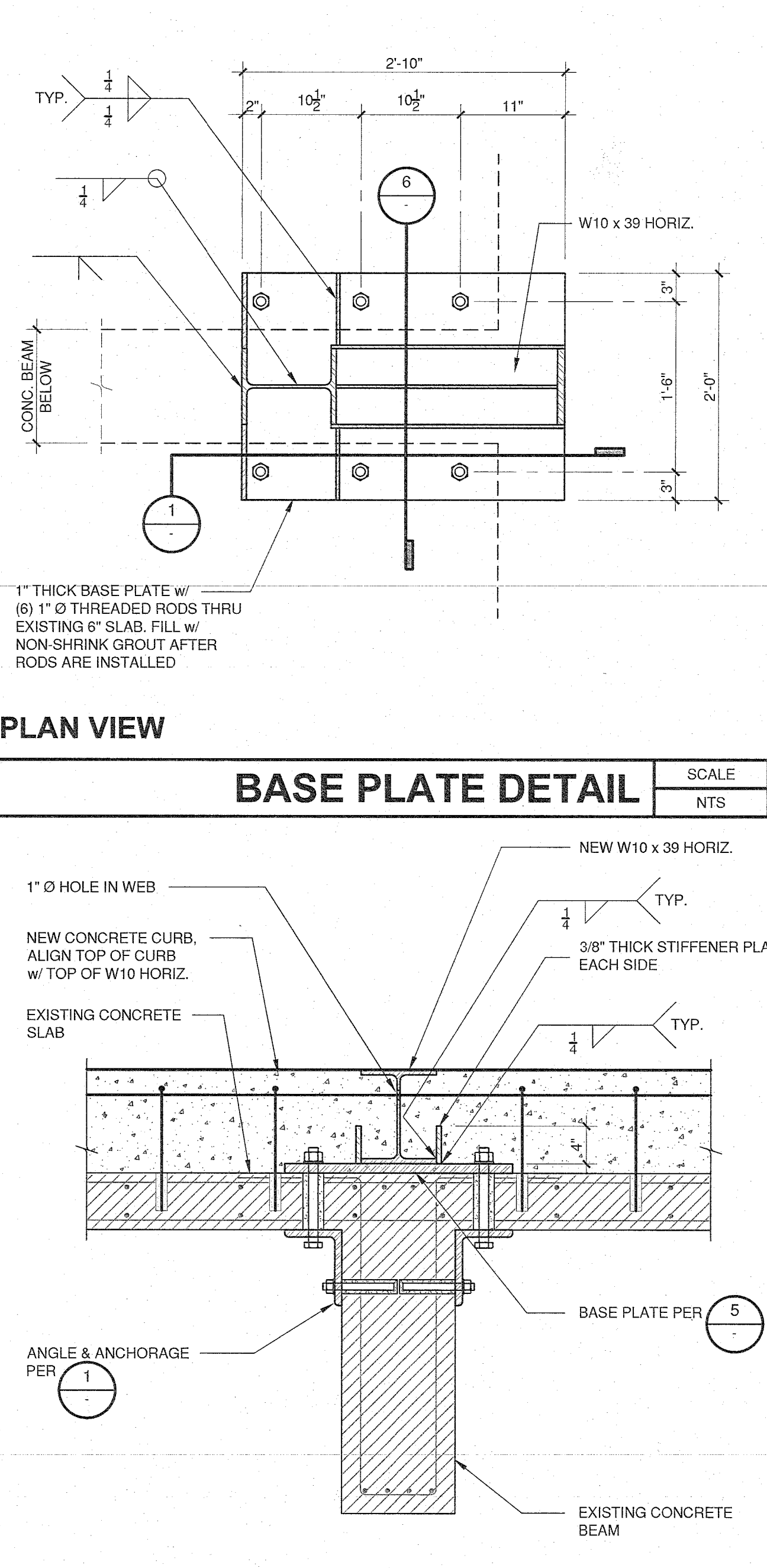
JRMA Project No. **5457-B**

S2.1

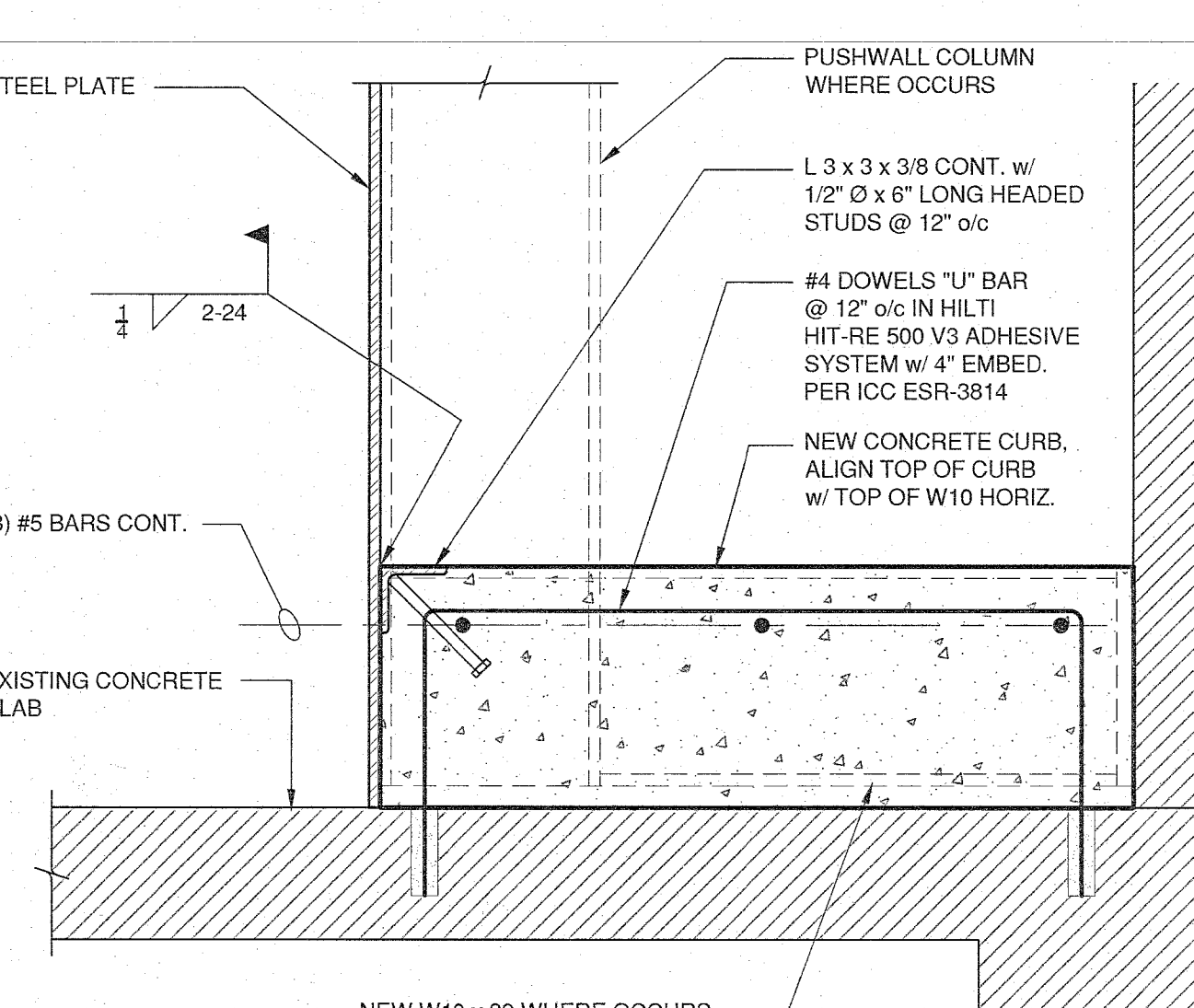
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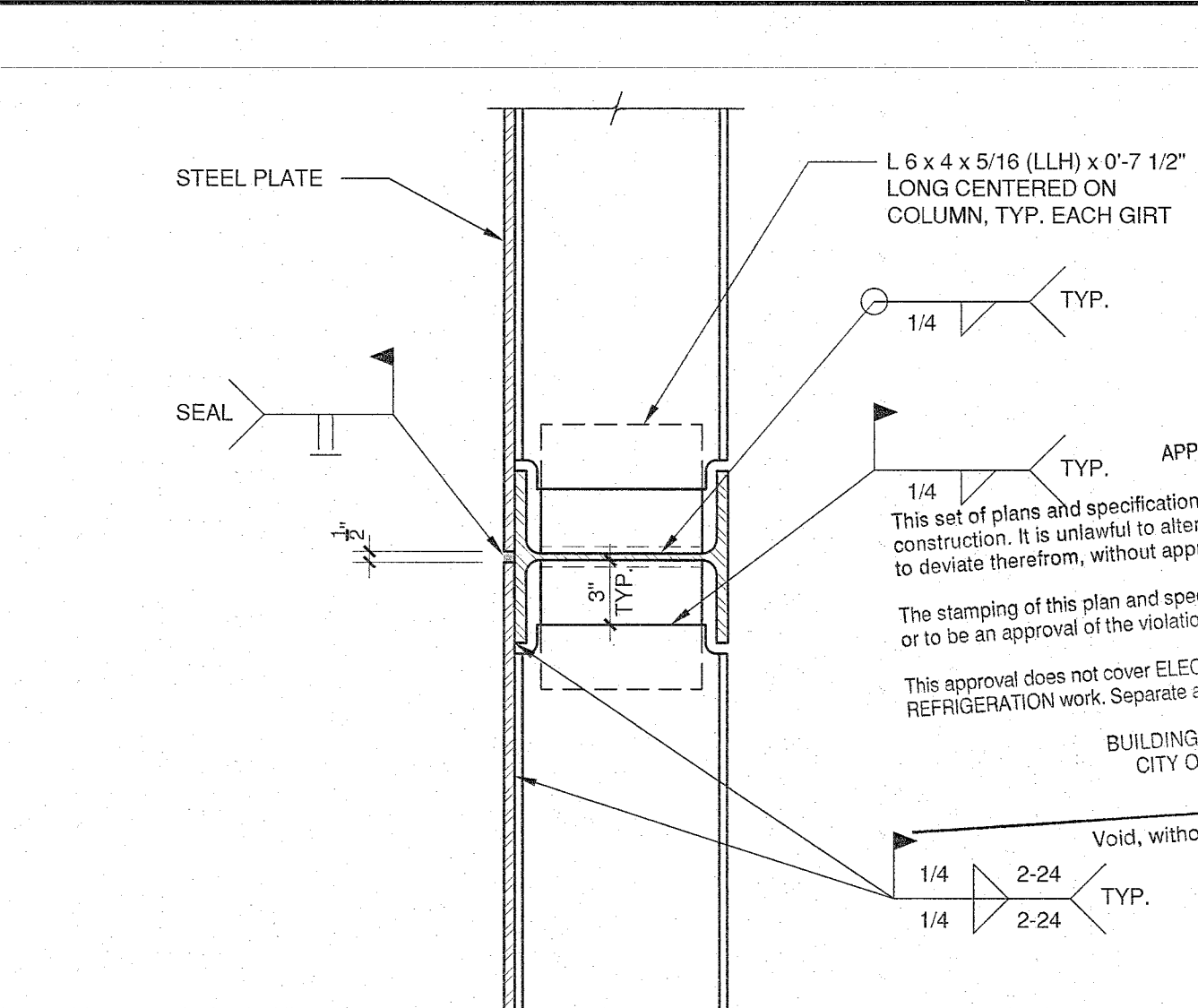
CONNECTION DETAIL	SCALE
	NTS




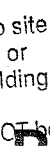
CONNECTION DETAIL	SCALE
	NTS



* TOP BARS ARE ANY HORIZONTAL REINFORCEMENT SO PLACED THAT MORE THAN 12 INCHES OF FRESH CONCRETE IS CAST BELOW THE SPLICE.



PLAN VIEW

PROPOSED PUSHWALL FOR:	
CULVER CITY TRANSFER STATION	
9255 JEFFERSON BLVD. CULVER CITY, CA	
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JRM/ML & ASSOCIATED SHALL RETAIN ALL COMMON LAW STATUTORY AND OTHERWISE RIGHTS, INCLUDING THE COPYRIGHT FOR THE DOCUMENT INCLUDING REPRESENTED DESIGNS AND SPECIFICATIONS.	
on job site during storm, or Building Safety Division. ALL NOTICES shall be submitted Ordinary MEMBERS OF THE t be obtained.	
PUSHWALL DETAILS	
VISION CITY  Initial/Signature AS NOTED DATE JD DWN	
AS NOTED SCALE: ML CHK	
JRMA Project No. 5457-B	