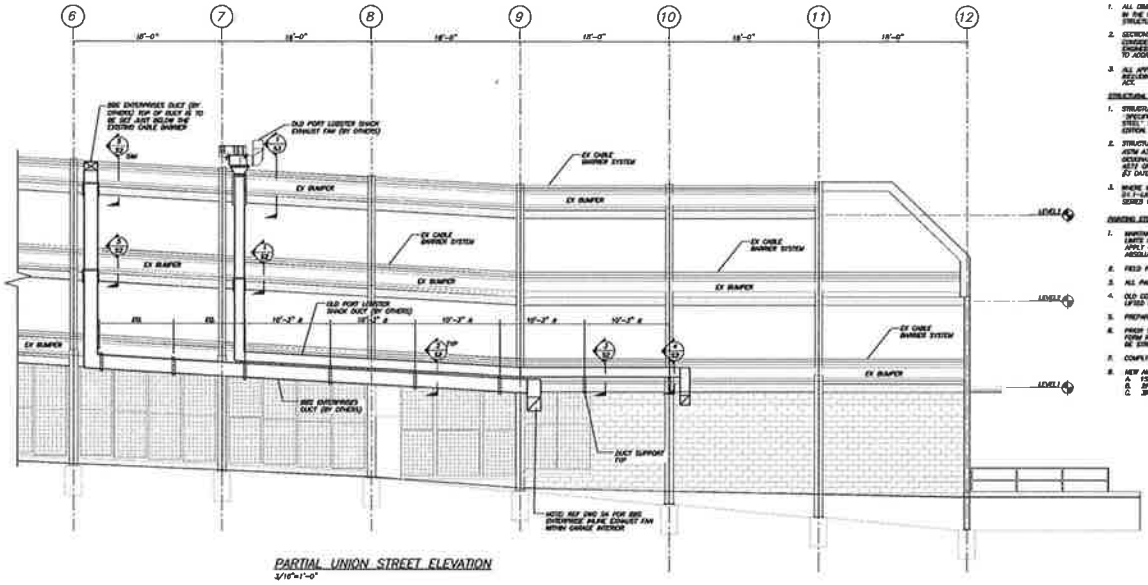
Page 6 Duct Drawings



PARTIAL UNION STREET ELEVATION
3/16"=1'-0"

GENERAL NOTES:

1. ALL DIMENSIONS, EXISTING CONDITIONS, AND AS-BUILT CONDITIONS MUST BE VERIFIED IN THE FIELD AND DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE STRUCTURAL ENGINEER BEFORE PROCEEDING WITH THE AFFECTED PART OF THE WORK.
2. SECTIONS AND DETAILS SHOWN ON ANY STRUCTURAL DRAWINGS SHALL BE CONSIDERED TYPICAL FOR SIMILAR CONDITIONS AS DETERMINED BY THE STRUCTURAL ENGINEER. THE STRUCTURAL ENGINEER RESERVES THE RIGHT TO AUGMENT DETAILS TO ADDRESS OTHER PROJECT CONDITIONS.
3. ALL APPLICABLE FEDERAL, STATE, AND MUNICIPAL REGULATIONS SHALL BE FOLLOWED, INCLUDING THE FEDERAL DEPARTMENT OF LABOR OCCUPATIONAL SAFETY AND HEALTH ACT.

STRUCTURAL STEEL NOTES

1. STRUCTURAL STEEL FABRICATION AND ERECTION SHALL CONFORM TO AISC SPECIFICATION FOR THE DESIGN FABRICATION, AND ERECTION OF STRUCTURAL STEEL," 13TH EDITION, AND THE "CODE OF STANDARD PRACTICE", LATEST EDITION.
2. STRUCTURAL STEEL: STEEL PLATES, SHAPES, AND BARS, SHALL CONFORM TO ASTM A36 UNLESS NOTED OTHER WISE (U.N.O.). STRUCTURAL STEEL SHAPES DESIGNATED ON THE DRAWINGS FOR WIDE-FLANGE SECTIONS, ASTM A992 (ASTM A572 GRADE 50 WITH SPECIAL REQUIREMENTS PER AISC TECHNICAL BULLETIN #3 DATED MARCH, 1987)
3. WHERE WELDING IS INDICATED, ALL WELDING SHALL CONFORM TO AWS D1.1-LATEST EDITION. ELECTRODES SHALL CONFORM TO AWS A5.1 E70XX SERIES WITH PROPER ROD TO PRODUCE OPTIMUM WELD (LOW HYDROGEN)

PAINTING STEEL:

1. MARITIME ENVIRONMENTAL CONDITIONS (FUMES, HUMIDITY, AND VENTILATION) WITHIN THE LIMITS RECOMMENDED BY THE MANUFACTURER FOR OPTIMUM RESULTS. DO NOT APPLY COATINGS UNDER CHROMOMYCOL CONDITIONS OUTSIDE MANUFACTURER'S ABSOLUTE LIMITS.
2. FIELD PAINT ALL FIELD WELDED CONNECTIONS.
3. ALL PAINTING TO MATCH EXISTING STEEL COLOR.
4. OLD COATINGS SHOULD BE REMOVED FOR LIFTING. IF LIFTING OCCURS, REMOVE THE LIFTED EXISTING, REMOVE ALL CRACKED AND PEELING PAINT.
5. PREPARE ALL EXPOSED EXISTING STEEL TO SSPC-SP3 POWER TOOL CLEAN.
6. PRIOR TO COATING ALL SURFACES MUST BE DRY, CLEAN, FREE OF OIL, GREASE, FOREIGN MOLECULAR AGENTS, DURING COMPOUNDS, LAITANCE, OTHER FOREIGN MATTER AND BE STRUCTURALLY SOUND.
7. COMPLY WITH ALL MANUFACTURERS RECOMMENDATIONS.
8. NEW AND EXISTING STEEL BEAMS, COLUMNS, AND MISC ITEMS, 3 COAT SYSTEM
   A. 1ST COAT MACROPOXY 646 FAST CURE EPOXY BY SHERWIN WILLIAMS.
   B. 2ND COAT MACROPOXY 646 FAST CURE EPOXY BY S.W.
   C. 3RD COAT HI SOLIDS POLYURETHANE BY S.W.

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STATE OF WASHINGTON
JOSHUA BECKER
20164
REGISTERED PROFESSIONAL ENGINEER

Rev. No.	Date	Issued for
	1/26/16	FOR PERMIT AND CONSTRUCTION
	6/1/16	JOB PERMIT

EXHAUST FAN/DUCT SUPPORT
FORE ST PARKING GARAGE

SUPPORT ELEVATION AND SECTIONS

Drawing No.	Scale
JMB	AS NOTED
Drawn	Date
DJB	7/25/16
Checked	Number Job Number
JMB	2035

S1