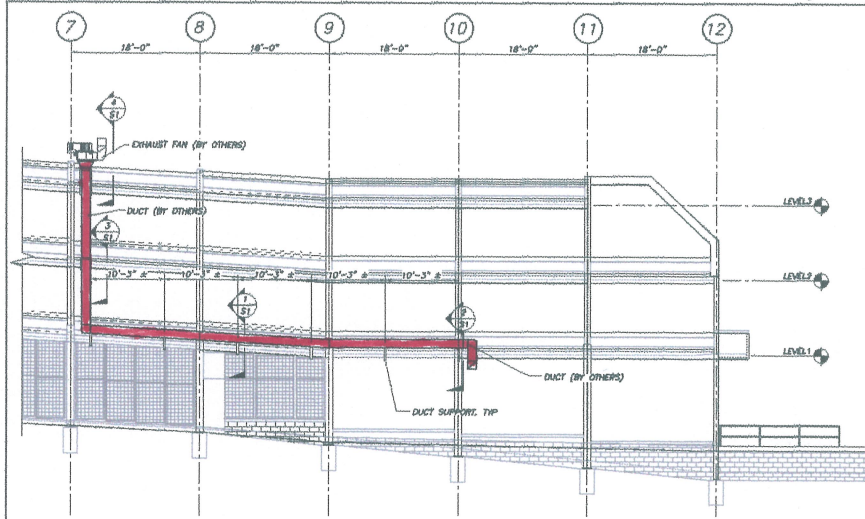


Side View duct work brace's



(PARTIAL UNION STREET ELEVATION)
1/8"=1'-0"

GENERAL NOTES

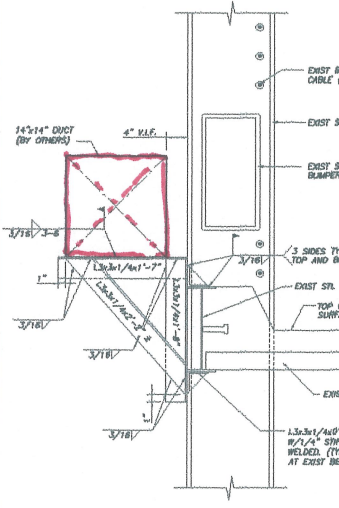
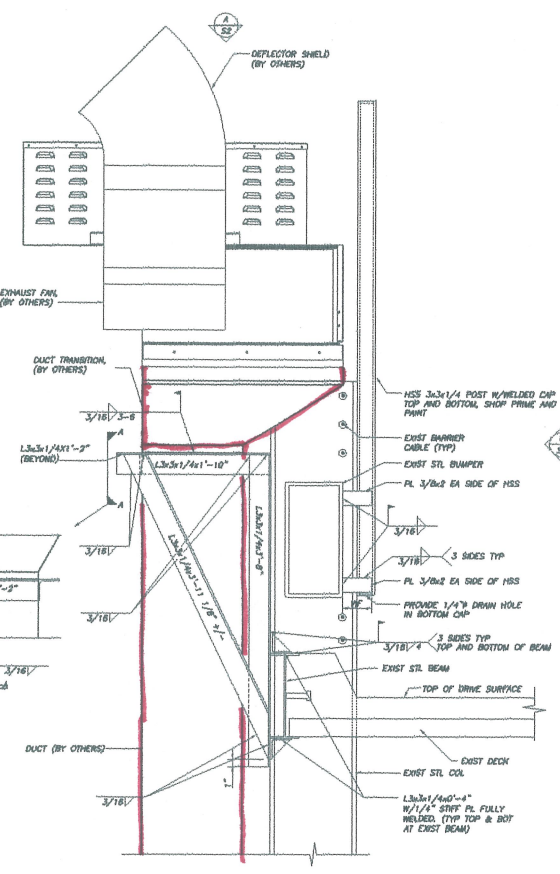
1. ALL DIMENSIONS, EXISTING CONDITIONS, AND AS-BUILT CONDITIONS MUST BE VERIFIED IN THE FIELD. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE STRUCTURAL ENGINEER BEFORE PROCEEDING WITH THE AFFECTED PART OF THE WORK.
2. SECTIONS AND DETAILS SHOWN ON ANY STRUCTURAL DRAWINGS SHALL BE CONSIDERED TYPICAL FOR SIMILAR CONDITIONS AS DETERMINED BY THE STRUCTURAL ENGINEER. THE STRUCTURAL ENGINEER RESERVES THE RIGHT TO INTERPRET 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.

PAINTING STEEL

1. MAINTAIN ENVIRONMENTAL CONDITIONS (TEMP, HUMIDITY, AND VENTILATION) WITHIN THE LIMITS RECOMMENDED BY THE MANUFACTURER FOR OPTIMUM RESULTS. DO NOT APPLY COATINGS UNDER ENVIRONMENTAL 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 TESTED FOR LEADING. IF LEADING OCCURS, REMOVE THE LIFTED COATING, REMOVE ALL CRACKED AND PEELING PAINT.
5. PREP ALL EXPOSED STEEL TO SSPC-SP3.
6. PRIOR TO COATING ALL SURFACES MUST BE DRY, CLEAN, FREE OF OIL, GREASE, FORM RELEASE AGENTS, CURING COMPOUNDS, LANTANE, OTHER FOREIGN MATTER AND BE STRUCTURALLY SOUND.
7. COMPLY WITH ALL MANUFACTURER'S RECOMMENDATIONS.
8. MANUFACTURER: IC-DULUX/DEVCO COATINGS, STROUVILLE, OH, 800-854-2616.
9. EXISTING STEEL BEAMS, COLUMNS, AND MEC BEAMS.
 - A. 1ST COAT: PRE-PRIME 187, RUST PENETRATING SEALER.
 - B. 2ND COAT: BWP-RUST 235, EPOXY COATING.
 - C. 2ND COAT: DEVATHANE 379, POLYURETHANE FINISH.
 - D. COLD WEATHER NOTES:
 - i. PRE-PRIME 187 WILL NOT CURE AT TEMPS BELOW 50 DEGREES.
 - ii. TOP TEMPS BELOW 50 AND HIGHER THAN 10 DEGREES SUBSTITUTE PRE-PRIME WITH BWP-RUST 235. TWO TOTAL COATS OF BWP-RUST 235.
 - iii. PROVIDE OLD WEATHER ADDITIVE 070 TO DEVATHANE 379 FOR TEMPS DOWN TO 25 DEGREES F.

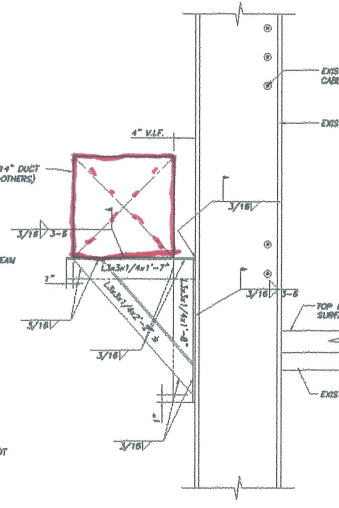
STRUCTURAL STEEL NOTES

1. STRUCTURAL STEEL FABRICATION AND ERECTION SHALL CONFORM TO AISC "SPECIFICATION FOR THE DESIGN FABRICATION, AND ERECTION OF STRUCTURAL STEEL," 15TH EDITION, AND THE "CODE OF STANDARD PRACTICE," LATEST EDITION.
2. STRUCTURAL STEEL: STEEL PLATES, SHAPES, AND BARS, SHALL CONFORM TO ASTM A58 UNLESS NOTED OTHER WISE (M.H.D.). 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, 1997).
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).



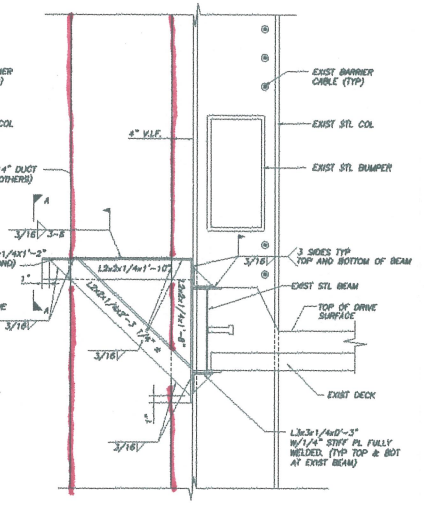
SECTION
1
1/2"=1'-0"
S1

- NOTE:
1. SHOP PRIME AND PAINT ALL STEEL.
 2. PREP AND FIELD PAINT ALL WELDED CONNECTIONS.



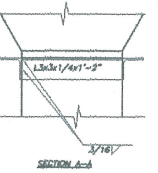
SECTION
2
1/2"=1'-0"
S1

- NOTE:
1. SHOP PRIME AND PAINT ALL STEEL.
 2. PREP AND FIELD PAINT ALL WELDED CONNECTIONS.



SECTION
3
1/2"=1'-0"
S1

- NOTE:
1. SHOP PRIME AND PAINT ALL STEEL.
 2. PREP AND FIELD PAINT ALL WELDED CONNECTIONS.



SECTION
4
1/2"=1'-0"
S1

- NOTE:
1. SHOP PRIME AND PAINT ALL STEEL.
 2. PREP AND FIELD PAINT ALL WELDED CONNECTIONS.

THIS DRAWING IS AN APPROXIMATION OF SERVICE AND DOES NOT SHOW THE PROVISIONS OF THE STRUCTURAL ENGINEER'S CONTRACT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AND CONDITIONS IN THE FIELD. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.



Project No.	
Date	9/17/19
Drawn By	JM
Checked By	JM
Scale	AS NOTED
Revision	9/26/19
Project No.	3851

EXHAUST FAN/DUCT SUPPORT
FORE ST PARKING GARAGE

SUPPORT ELEVATION AND SECTIONS