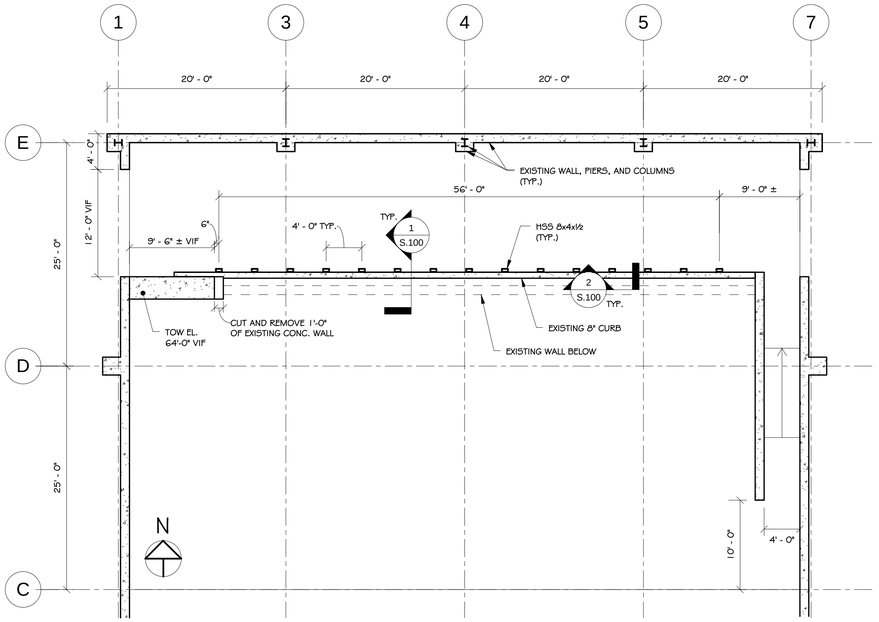
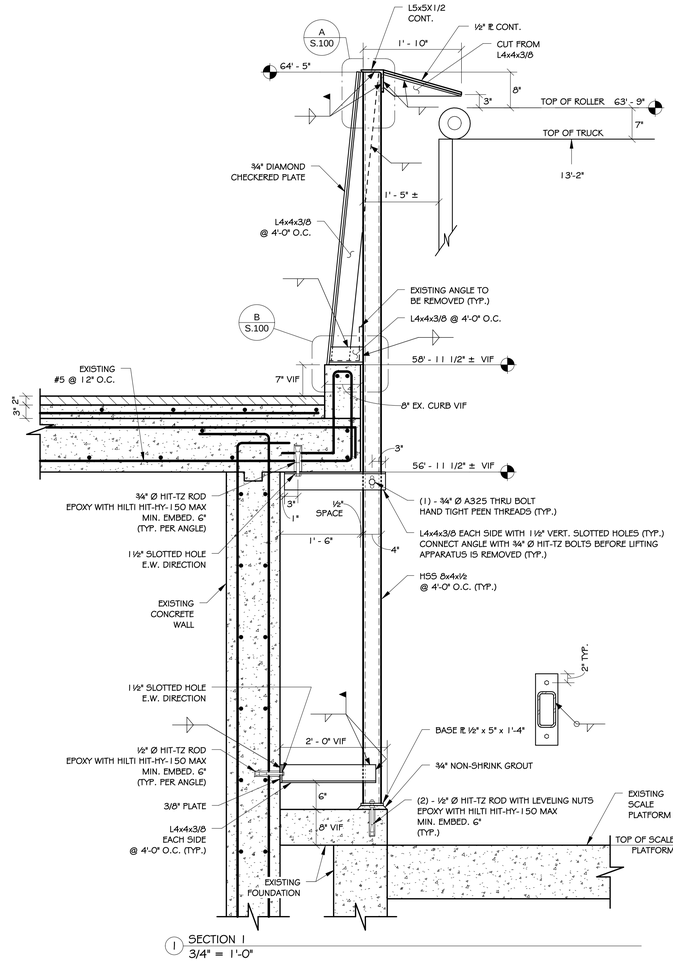
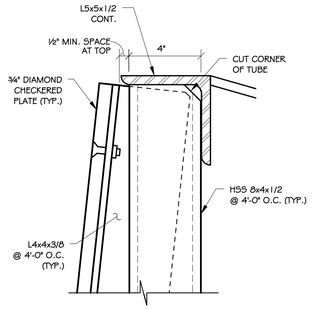


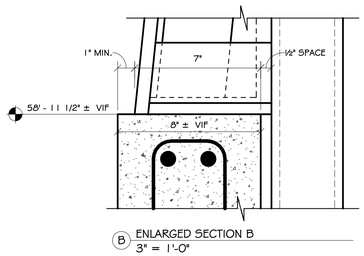
FLOOR PLAN
1/8" = 1'-0"



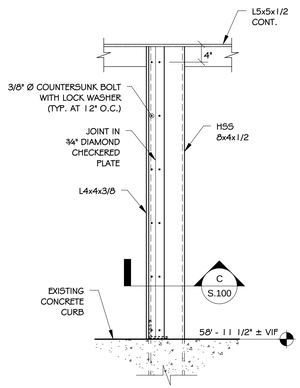
1 SECTION 1
3/4" = 1'-0"



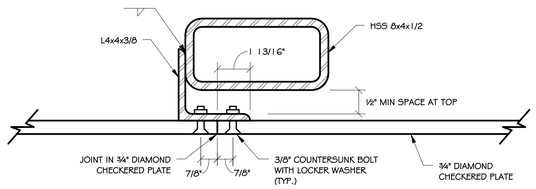
A ENLARGED SECTION A
3" = 1'-0"



B ENLARGED SECTION B
3" = 1'-0"



2 SECTION 2
3/4" = 1'-0"



C SECTION C
3" = 1'-0"

GENERAL NOTES

GENERAL

CODES: AISC 360-05 SPECIFICATIONS FOR THE STRUCTURAL STEEL BUILDINGS - LOAD FACTOR RESISTANCE DESIGN, MARCH 9, 2005

1. SHOULD ANY OF THE DETAILED INSTRUCTIONS SHOWN ON THE PLANS CONFLICT WITH THE GENERAL STRUCTURAL NOTES, THE SPECIFICATIONS, OR WITH EACH OTHER, THE STRICTEST PROVISION SHALL GOVERN.

2. THE STRUCTURE IS DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER THE BUILDING IS FULLY COMPLETED. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURE AND SEQUENCE AND TO INSURE THE SAFETY OF THE STRUCTURE AND ITS COMPONENT PARTS DURING ERECTION. THIS INCLUDES THE ADDITION OF WHATEVER SHORING, TEMPORARY BRACING, GUYS OR TIEDOWNS WHICH MIGHT BE NECESSARY. SUCH MATERIAL SHALL REMAIN THE CONTRACTOR'S PROPERTY AFTER COMPLETION OF THE PROJECT.

3. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO FOLLOW ALL APPLICABLE SAFETY CODES AND REGULATIONS DURING ALL PHASES OF CONSTRUCTION.

4. SHOP DRAWINGS ARE TO BE CHECKED BY THE CONTRACTOR AND SUBCONTRACTOR AND BEAR CHECKER'S INITIALS BEFORE BEING SUBMITTED TO THE ENGINEER FOR APPROVAL.

5. THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS, ELEVATIONS, ANGLES, AND EXISTING CONDITIONS BEFORE PROCEEDING WITH ANY WORK. CONTRACTOR SHALL NOTIFY OWNER AND ENGINEER IF EXISTING CONDITIONS ARE DIFFERENT THAN PRESENTED ON THE CONTRACT DOCUMENTS BEFORE PROCEEDING WITH ANY WORK.

6. ALL SECTIONS AND DETAILS SHALL BE CONSIDERED TYPICAL AND APPLY FOR THE SAME AND SIMILAR SITUATIONS THROUGHOUT THE PROJECT, UNLESS OTHERWISE SPECIFICALLY NOTED.

7. THE INFORMATION SHOWN CONCERNING EXISTING CONDITIONS WAS PROVIDED BY THE OWNER FROM EXISTING DRAWINGS. DTC DOES NOT WARRANT NOR IMPLY THAT THE INFORMATION IS ACCURATE AS BUILD CONDITIONS.

8. VIF = VERIFY IN FIELD

STRUCTURAL STEEL

MATERIALS:

STRUCTURAL STEEL NOT INCLUDED ABOVE	ASTM A 36
STRUCTURAL STEEL TUBING	ASTM A500, GRADE B
BOLTS	ASTM A325
ANCHOR BOLTS	HILTI HIT HY-150 ICE
WELDING ELECTRODE	ASTM E 70

1. DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO CURRENT AMERICAN INSTITUTE OF STEEL CONSTRUCTION SPECIFICATION.

2. WELDING SHALL CONFORM TO THE CODE FOR "ARC AND GAS WELDING IN BUILDING CONSTRUCTION" OF THE AMERICAN WELDING SOCIETY.

3. ALL WELDING SHALL BE DONE BY A CERTIFIED WELDER IN ACCORDANCE WITH A.W.S. STANDARDS.

4. PROVIDE SLOTTED BOLTED CONNECTIONS WHERE SHOWN WITH 13/16" X 1 7/8" SLOTTED HOLES USING ASTM A 325 BOLTS WITH WASHERS. NUTS SHALL BE FASTENED SNUG TIGHT, THEN UNTIGHTENED BY ONE-HALF TURN. PEEN THREADS TO PREVENT FURTHER LOOSENING OF NUT.

5. USE LARGER OF 1/4" FILLET WELDS OR MINIMUM SIZE PER AISC REQUIREMENTS WHERE NO WELD SIZE IS SHOWN ON DRAWINGS.

6. NO WELDING OR FINAL BOLTING SHALL BE DONE UNTIL AS MUCH OF THE STRUCTURE THAT WILL BE STIFFENED THEREBY HAS BEEN PROPERLY ALIGNED.

7. SEQUENCE OF PLACING WELDS SHALL BE SUCH AS TO AVOID DISTORTION OF MEMBERS.

8. ALL STEEL SHALL RECEIVE ONE COAT OF SHOP PAINT.

Notes:

Revisions:

No.	Description	Date

LOADING DUMP GUARD

dtc
DIVERSIFIED TECHNOLOGY CONSULTANTS
2321 WHITNEY AVENUE HAMDEN CT 06518
203 239 4200 203 234 7376 FAX

ESSEX
TRANSFER
STATION
Essex, CT

STRUCTURAL PLANS & DETAILS

DTC PROJECT NUMBER: 10-134

SCALE: As indicated	DESIGNED BY: FC
DATE: 12/6/2011	DRAWN BY: BS

S.100

METAL FABRICATION AND INSTALLATION OF TRAILER-LOADING DUMP GUARD AT CRRA'S ESSEX TRANSFER STATION
EXHIBIT B2 PLANS

12/5/2011 11:48:40 AM P:\2010\10134-CRRA On-Call\vwf\Essex Transfer Station (CENTRAL).rvt