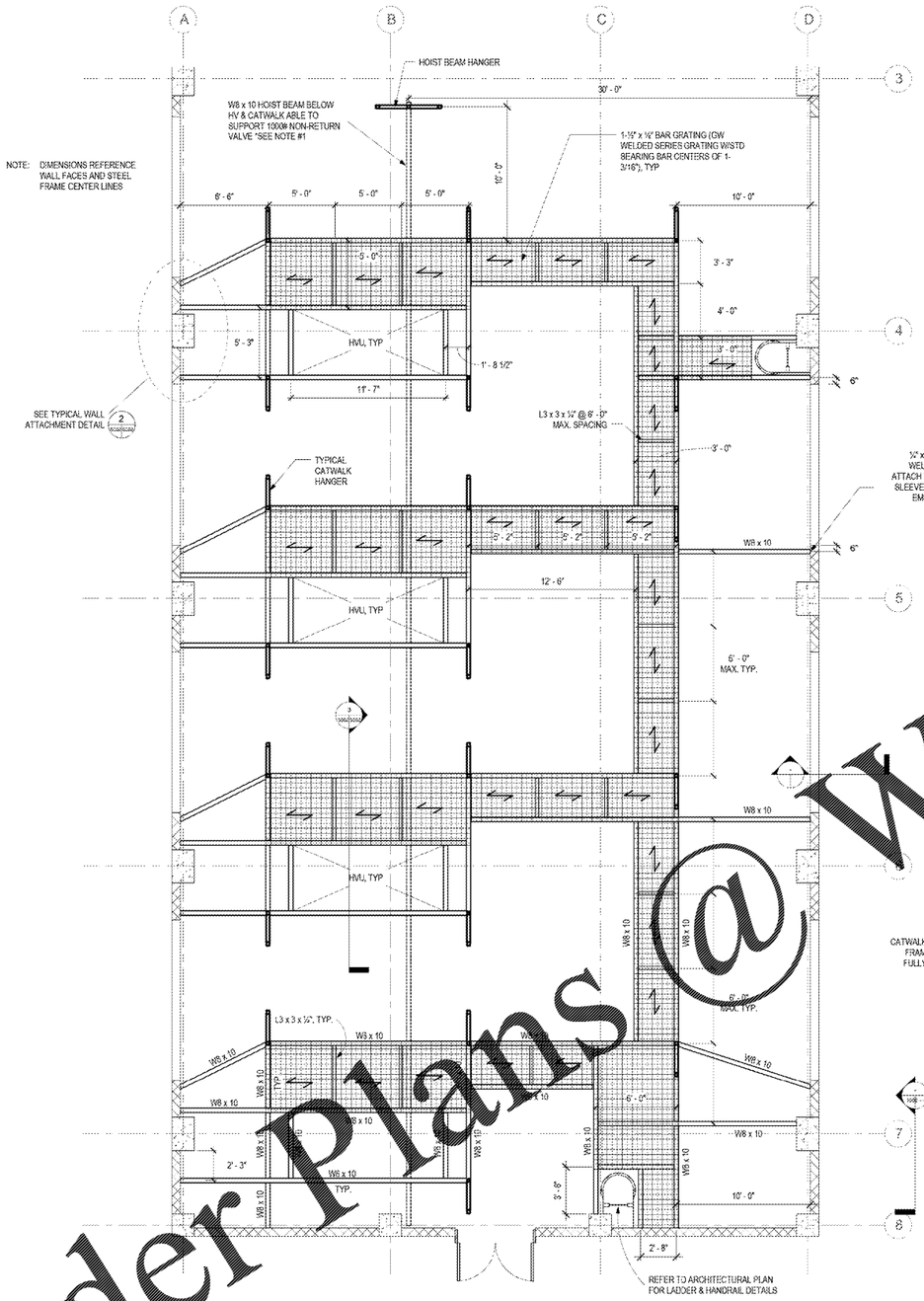
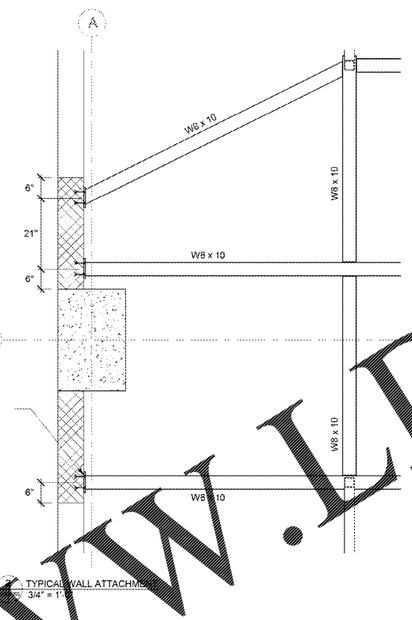
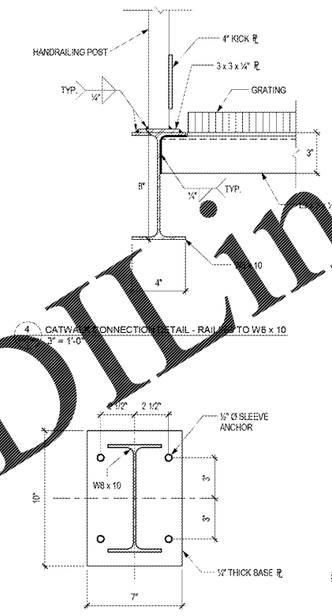


1 BOILER PLANT STRUCTURAL CATWALK PLAN - LOWER FRAMING
1/4" = 1'-0"



2 TYPICAL WALL ATTACHMENT
3/4" = 1'-0"

½" x 10" x 7" BASE PL WELDED TO W8 x 10, ATTACH TO CMU W/ 4 ea. ½" Ø SLEEVE ANCHORS, 1-½" MIN EMBEDMENT, TYP
SEE DETAIL 5



4 CATWALK CONNECTION DETAIL - RAILING TO W8 x 10
3" = 1'-0"

5 WALL ATTACHMENT DETAIL
3" = 1'-0"

NOTES:

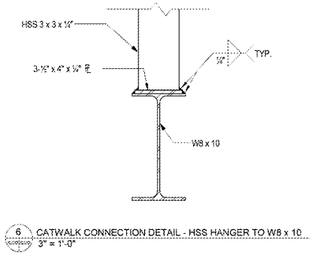
1.) * RIGGING POINTS FOR LIFTING THE NON-RETURN VALVE FROM THE BOILER. PROVIDE A BEAM JUST BELOW THE CATWALK. BEAM LOCATION WILL BE ADJUSTED DURING CONSTRUCTION BASED UPON THE BOILERS THAT ARE APPROVED AS THE VALVE LOCATIONS WILL VARY DEPENDING ON THE MANUFACTURER.

2.) SUPPORT FRAMEWORK FOR UNITS WAS BASED UPON THE FOLLOWING INFORMATION:

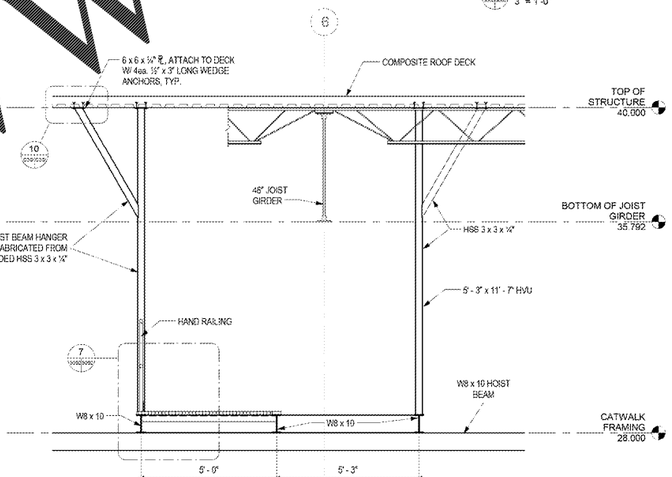
a.) UNITS WEIGHT 29574 LBS EA.
b.) EACH UNIT IS 2'-0" WIDE x 11' - 7" LONG.

SHOULD THESE DIMENSIONS VARY, CONTRACTOR SHALL REVISE & REDESIGN.

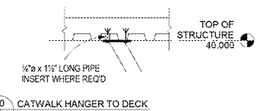
3.) RE-DESIGN OF FRAMEWORK & CALCULATIONS TO CONFIRM THAT BOILER BLDG WALLS & CEILING WILL SUPPORT REVISED CONDITIONS SHALL BE PREPARED, SIGNED & SEALED BY A REGISTERED PROFESSIONAL ENGINEER.



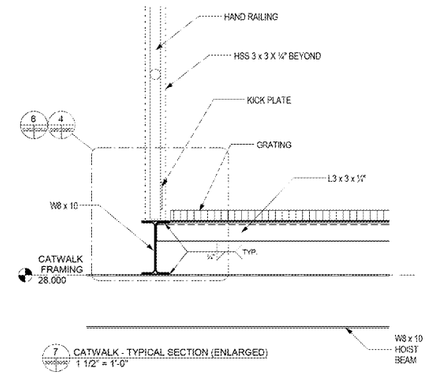
6 CATWALK CONNECTION DETAIL - HSS HANGER TO W8 x 10
3" = 1'-0"



3 CATWALK - TYPICAL SECTION
1/2" = 1'-0"



10 CATWALK HANGER TO DECK
1" = 1'-0"



7 CATWALK - TYPICAL SECTION (ENLARGED)
1 1/2" = 1'-0"

FINAL DESIGN
APPROVED FOR CONSTRUCTION

Revisions:	Date

CONSULTANTS:

ENGINEER OF RECORD: RICHARD G. WHEELER, FL. LIC. NO. 73084

RICHARD G. WHEELER LICENSED No 73084 STATE OF FLORIDA PROFESSIONAL ENGINEER

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CoA: FL #26663
AKEA Project No. 063-14

Drawing Title: STRUCTURAL CATWALK PLAN

Approved: Project Director

Project Title: REPLACE BOILERS - FCA D, ENERGY AT THE MALCOM RANDALL VAMC

Location: GAINESVILLE, FLORIDA

Date: MARCH 9, 2018 | Checked: RGW | Drawn: JG

Project Number: 573-14-600

Building Number:

Drawing Number: S202

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