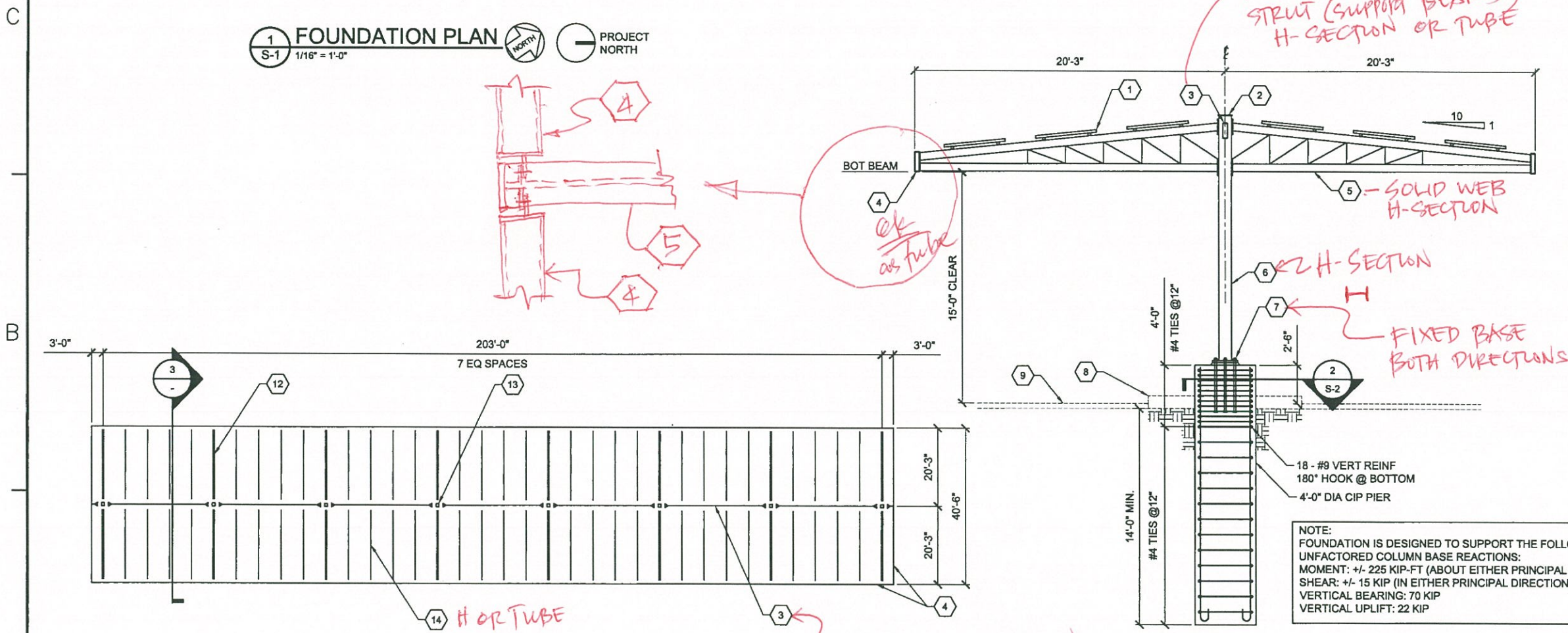


1 FOUNDATION PLAN
S-1 1/16" = 1'-0"
PROJECT NORTH



2 PRE-ENGINEERED SUPPORT STRUCTURE PLAN
S-1 1/16" = 1'-0"
PROJECT NORTH

3 SECTION
S-1 1/8" = 1'-0"

GENERAL SHEET NOTES

- A. SEE DRAWING G-3 FOR GENERAL STRUCTURAL NOTES.
- B. GENERAL CONTRACTOR SHALL PROVIDE 3RD PARTY SPECIAL INSPECTION AND TESTING AS SPECIFIED IN DRAWING G-3.
- C. GENERAL CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND STRUCTURAL DESIGN DOCUMENTS FOR APPROVAL IN ACCORDANCE WITH DRAWING G-3.
- D. PRE-ENGINEERED STEEL SUPPORT STRUCTURE SHALL BE DESIGNED BY A REGISTERED ENGINEER IN ACCORDANCE WITH DRAWING G-3.
- E. THE GENERAL CONTRACTOR SHALL PROVIDE ALL COMPONENTS NECESSARY FOR A COMPLETE CANOPY INSTALLATION INCLUDING ANCHOR RODS AND ALL MISC STEEL NECESSARY TO SUPPORT MEP SYSTEMS.

KEYED SHEET NOTES

- 1. PV PANELS AND MISC SUPPORTS, ACTUAL QUANTITY AND LAYOUT MAY DIFFER.
- 2. CAP PLATE
- 3. TUBE STEEL RIDGE BEAM WITH RIGID MOMENT CONNECTIONS TO COLUMNS
- 4. 16" DEEP TUBE STEEL PERIMETER BEAMS
- 5. STEEL OUTRIGGER FRAMES, ACTUAL WEB CONFIGURATION MAY DIFFER
- 6. SQ TUBE STEEL COLUMN, 10" MIN.
- 7. COLUMN BASE AND ANCHORS, SUPPORT STRUCTURE ENGINEER SHALL DESIGN COLUMN BASE WITH A RIGID MOMENT CONNECTION TO THE FOUNDATION
- 8. EXISTING CONCRETE, DEMO AS REQUIRED TO INSTALL NEW FOUNDATIONS
- 9. EXISTING PAVING
- 10. 8 - CANOPY COLUMNS ON 4'-0" DIA CIP PIERS
- 11. EDGE OF SUPPORT STRUCTURE (ABOVE)
- 12. 8 - STEEL OUTRIGGER FRAMES
- 13. 8 - SQ TUBE STEEL COLUMNS
- 14. STEEL SUPPORT BEAMS @ 6'-0" MAX BETWEEN OUTRIGGER FRAMES

DESIGNER: PEARSON
LICENSED PROFESSIONAL ENGINEER
No. 14413-S
HAWAII, U.S.A.
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
Signature
4/30/14
Expiration Date of the License



CH2MHILL.
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SUITE 1100
HONOLULU, HI 96813

DESIGNER	DATE	SCALE
FINAL DESIGN	5 SEPT 2014	
DRW	MR	DRP

DEPARTMENT OF DEFENSE	HAWAII ARMY NATIONAL GUARD	KAAUELOA, OAHU, HAWAII
SOLAR RENEWABLE ENERGY SYSTEM		
STRUCTURAL PLAN, SECTION AND DETAILS		
STATE OF HAWAII	BUILDING 1784	SCALE: AS NOTED
STATE JOB NO.	CA-1208-C	FEDERAL PROJECT NO.
	PN15120012	
SHEET	8	OF 9
S-1		