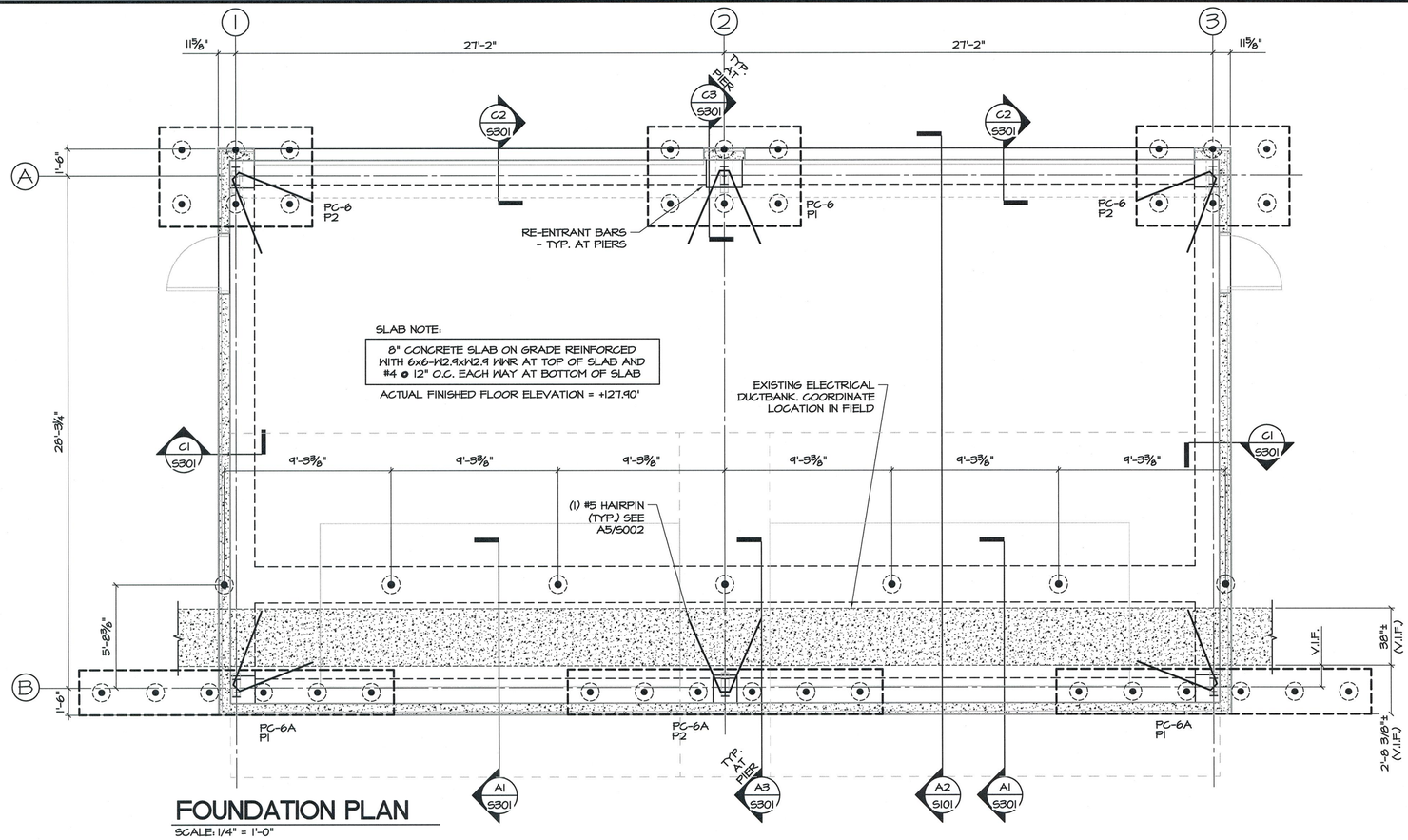


FOUNDATION PLAN

SCALE: 1/4" = 1'-0"

GENERAL NOTES

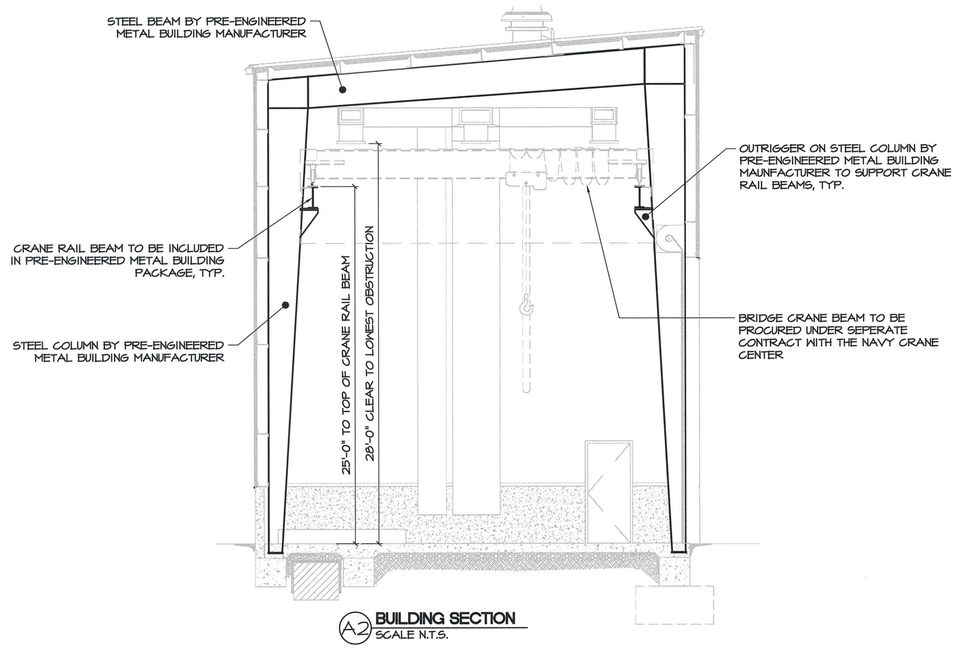
1. A REACTION REPORT FOR THE PRE-ENGINEERED METAL BUILDING WAS NOT PROVIDED FOR THE FOUNDATIONS SHOWN ON THESE DRAWINGS. ONCE A PRE-ENGINEERED METAL BUILDING MANUFACTURER HAS BEEN SELECTED, A REACTION REPORT FROM THE MANUFACTURER SHALL BE PROVIDED TO THE STRUCTURAL ENGINEER OF RECORD TO CONFIRM THAT THE REACTIONS CALCULATED IN OUR DESIGN ARE IN AGREEMENT WITH THE REACTIONS PROVIDED BY THE MANUFACTURER.
2. SEE DWG. S001 AND S002 FOR DESIGN CRITERIA AND GENERAL NOTES.
3. SEE DWG. S002 FOR GENERAL NOTES AND TYPICAL CONSTRUCTION DETAILS.
4. "PC-4" (EXAMPLE) DENOTES CONCRETE PILE CAP. REFER TO THIS DWG. FOR PILE CAP DETAILS.
5. "PI" (EXAMPLE) DENOTES CONCRETE PIER. REFER TO THIS DWG. FOR PIER SCHEDULE.
6. ⊙ DENOTES HELICAL PILE WITH A 13 KIP LOAD CAPACITY. THE GENERAL CONTRACTOR SHALL SUBMIT SIGNED/SEALED DESIGN CALCULATIONS FOR REVIEW BY THE GEOTECHNICAL ENGINEER.
7. ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY. COORDINATE FINAL DIMENSIONS IN FIELD AND WITH METAL BUILDING MANUFACTURER'S DRAWINGS.
8. COORDINATE ANCHOR BOLT AND BASEPLATE LAYOUT WITH METAL BUILDING MANUFACTURER'S ERECTION DRAWINGS PRIOR TO START OF CONSTRUCTION. ANY BASEPLATES NOT FITTING ON PIER SHALL BE BROUGHT TO THE ATTENTION OF THE STRUCTURAL ENGINEER.
9. COORDINATE EMBEDDED ITEMS, EQUIPMENT PADS, CURBS, AND OPENINGS WITH ARCH/MEP DWGS.
10. COORDINATE VENDOR REQUIREMENTS FOR SPECIALIZED EQUIPMENT WITH STRUCTURAL ENGINEER PRIOR TO PLACING CONCRETE.
11. SUBMIT LAYOUT FOR SLAB CONTROL AND CONSTRUCTION JOINTS TO THE STRUCTURAL ENGINEER FOR APPROVAL PRIOR TO PLACING CONCRETE. SEE GENERAL NOTES AND TYPICAL CONSTRUCTION DETAILS.
12. PROVIDE (2) #3 X 4'-0" LONG REINFORCING BARS AT ALL RE-ENTRANT CORNERS. SEE TYPICAL CONSTRUCTION DETAILS.

**** ESTIMATED ****
CONCRETE PIER SCHEDULE

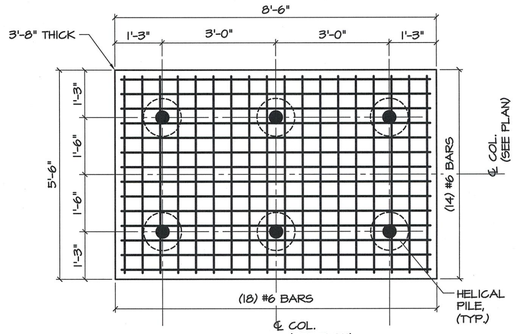
MARK	SIZE	REINFORCING	
		VERT. BARS	TIES
P1	16" x 26"	(10) #6	#3 @ 12" O.C.
P2	24" x 26"	(12) #6	#3 @ 12" O.C.

NOTES:
1. SEE TYPICAL PIER TIE DETAILS FOR ADD'L INFO.
2. ALL PIERS CENTERED ON COLUMN LINES, U.N.O.

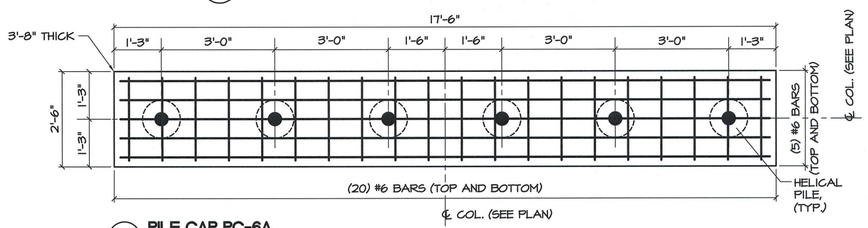
**MANUFACTURER'S DRAWINGS FOR THE PRE-ENGINEERED METAL BUILDING WERE NOT AVAILABLE SHOWING THE COLUMN AND BASE PLATE LAYOUTS. THE CONCRETE PIERS AND REINFORCING SHOWN IN THE ABOVE SCHEDULE ARE ESTIMATED BASED ON THE ARCHITECTURAL DRAWINGS. ONCE A PRE-ENGINEERED METAL BUILDING MANUFACTURER HAS BEEN SELECTED, THE MANUFACTURER'S DRAWINGS SHALL BE PROVIDED TO THE STRUCTURAL ENGINEER OF RECORD TO DETERMINE THE APPROPRIATE PIER SIZES SUPPORTING THE COLUMNS FOR THE PRE-ENGINEERED METAL BUILDING.



A2 **BUILDING SECTION**
SCALE N.T.S.



B4 **PILE CAP PC-6**
SCALE 1/2" = 1'-0"



A4 **PILE CAP PC-6A**
SCALE 1/2" = 1'-0"

DES	KTM	DRW	LLF
REVIEWED BY	KWW		
PM/DM			
CHIEF ENG/ARCH			

APPR	DATE	DESCRIPTION
	01/23/15	FINAL SUBMISSION
	12/11/14	REVISED 95% SUBMISSION
	08/09/13	95% SUBMISSION
	07/09/13	CONCEPT SUBMISSION

BY/AS

NAVFAC

Pennoni
PENNONI ASSOCIATES INC.
14532 Lee Road
Chantilly, VA 20151
T 703.449.6700
F 703.449.6713

STATE OF MARYLAND · JASON A. COLEMAN · No. 41202 · PROFESSIONAL ENGINEER

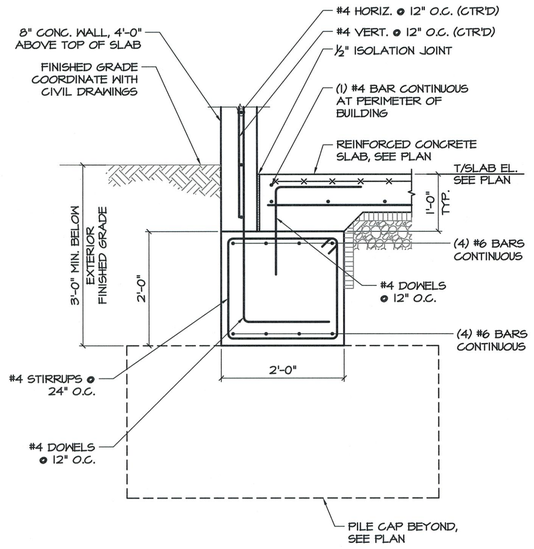
I, Jason A. Coleman, Professional Engineer certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland, License No. 41202, Expiration Date: 11-10-2013."

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND WASHINGTON
IPT ~ PWD
NAVAL FACILITIES ENGINEERING COMMAND
NSF CARDEROCK
BETHESDA, MD
CARDEROCK
PROTOTYPE MATERIALS STORAGE FACILITY
FOUNDATION PLAN

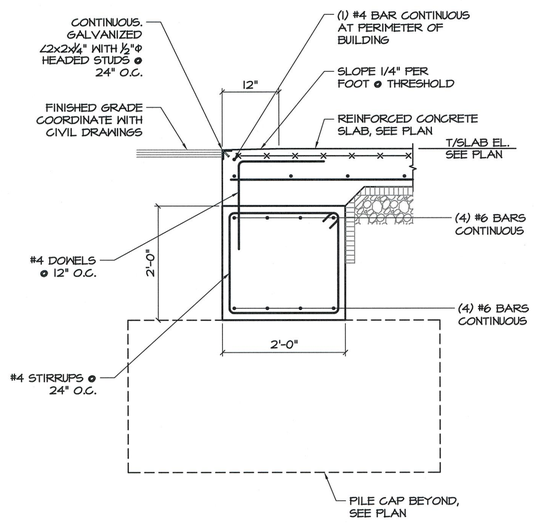
CODE ID. NO. 80091	SIZE D
SCALE:	
MAXIMO NO.	
STA. PROJ. NO.	
WORK ORDER NO.	
CONSTR. CONTR. NO.	
NAVFAC DRAWING NO.	
SHEET	OF

S101

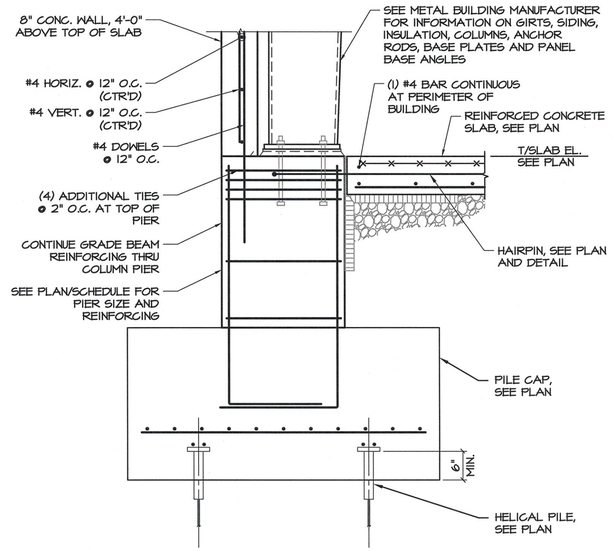
DRAWFORM REVISION: 01 MAY 2006



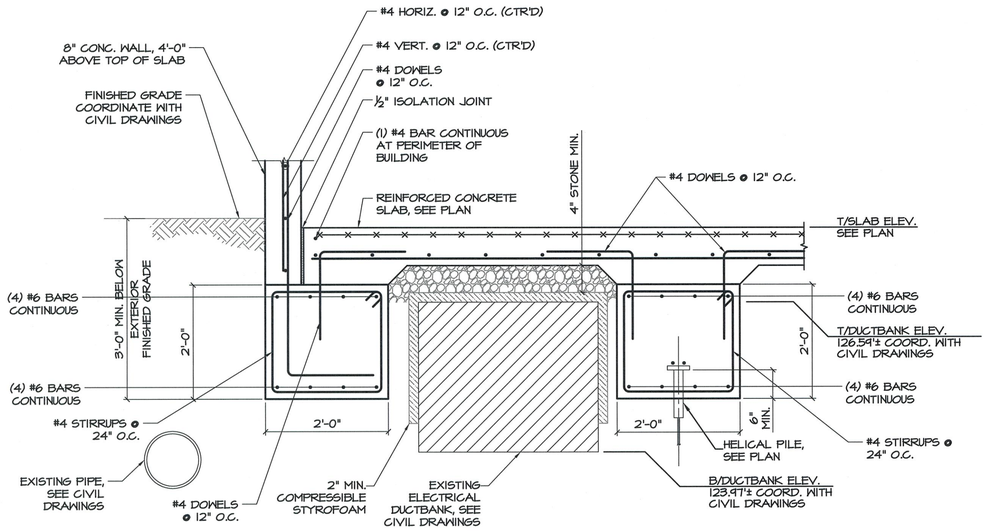
C1 **SECTION**
SCALE 3/4" = 1'-0"



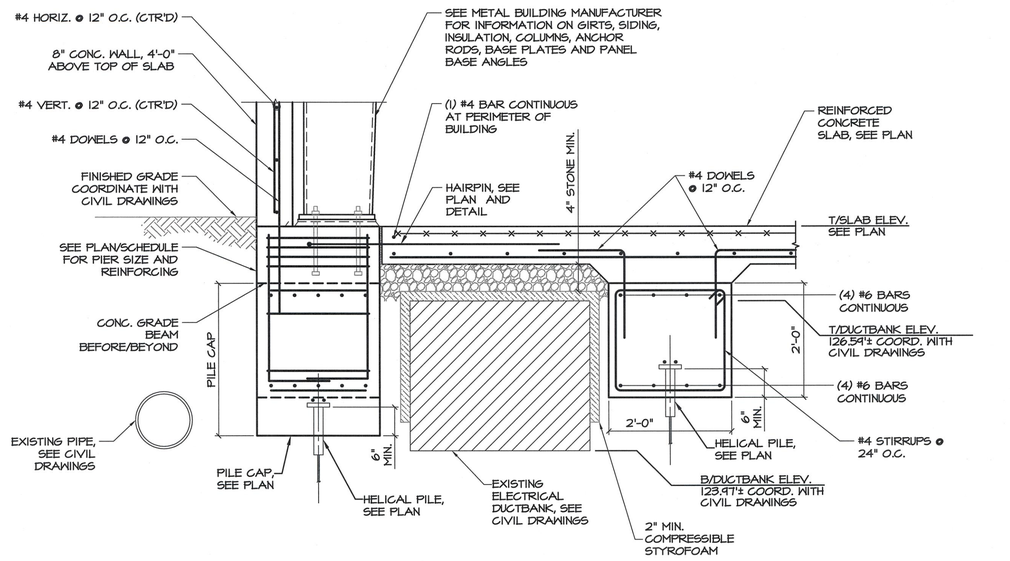
C2 **TYPICAL SECTION AT OVERHEAD DOOR**
SCALE 3/4" = 1'-0"



C3 **TYPICAL EXTERIOR COLUMN AT PIER DETAIL**
SCALE 3/4" = 1'-0"



A1 **SECTION**
SCALE 3/4" = 1'-0"



A3 **SECTION**
SCALE 3/4" = 1'-0"

DES	DATE	APPR	DESCRIPTION
KTM	01/23/15		FINAL SUBMISSION
KTM	12/11/14		REVISED 95% SUBMISSION
KTM	08/09/13		95% SUBMISSION
KTM	07/09/13		CONCEPT SUBMISSION

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STATE OF MARYLAND — JASON A. COLEMAN — No. 41202 — PROFESSIONAL ENGINEER

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland, License No. 41202, Expiration Date: 11-10-2013.

DES KTM	DRW LLF
REVIEWED BY KWW	
PM/DM	
CHIEF ENG/ARCH	

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CARDEROCK
PROTOTYPE MATERIALS STORAGE FACILITY
SECTIONS

CODE ID. NO. 80091	SIZE D
SCALE:	
MAXIMO NO.	
STA. PROJ. NO.	
WORK ORDER NO.	
CONSTR. CONTR. NO.	
NAVFAC DRAWING NO.	
SHEET	OF

S301

DRAWFORM REVISION: 01 MAY 2006