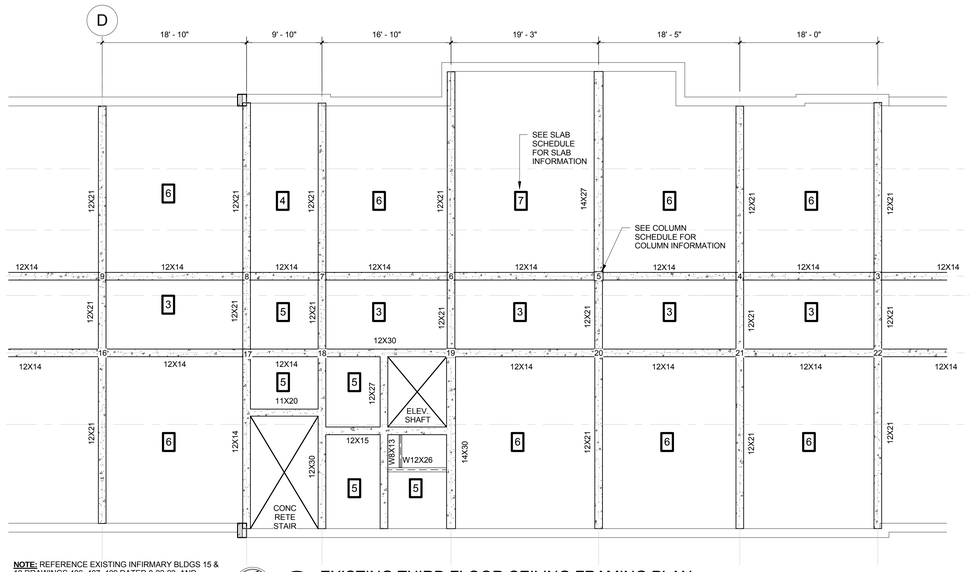


NOTE: REFERENCE EXISTING INFIRMARY BLDGS 15 & 18 DRAWINGS 406, 407, 409 DATED 8-22-22, AND EXISTING DRAWINGS FOR CENTRAL AIR CONDITIONING PROJECT BY KALLEN AND LEMELSON DATED 6-30-80.

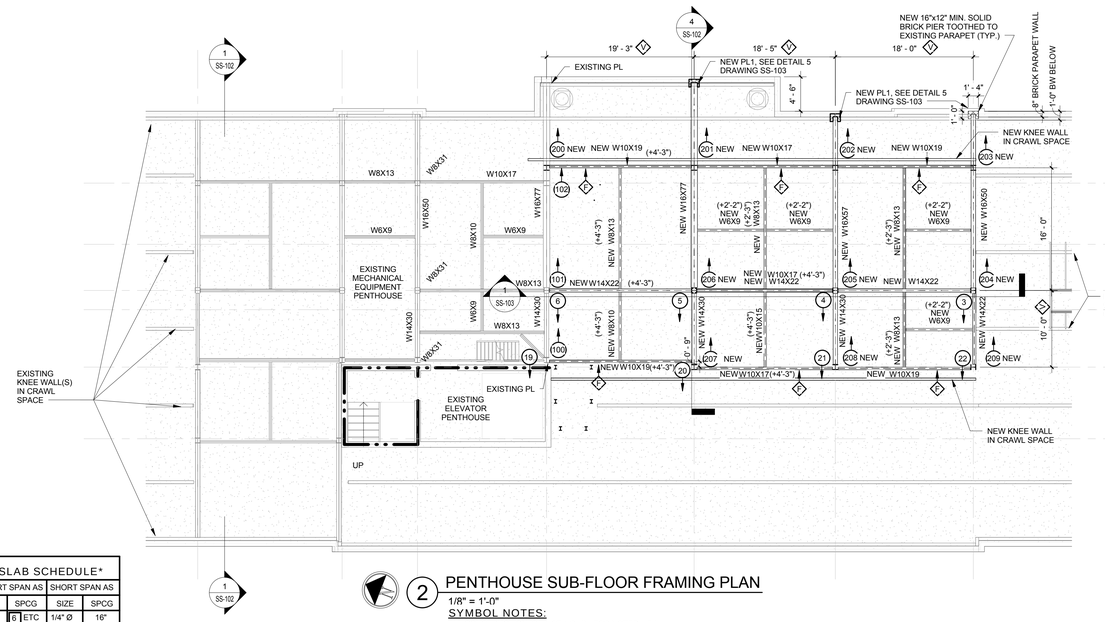
1 EXISTING THIRD FLOOR CEILING FRAMING PLAN
1/8" = 1'-0"

EXISTING SLAB SCHEDULE*						
MARK	DEPTH	SHORT SPAN AS		SHORT SPAN AS	
		SIZE	SPCG	SIZE	SPCG
3	6"	FROM 6 ETC		1/4" Ø	16"
4	6"	FROM 6 ETC		1/4" Ø	16"
5	6"	3/8" Ø	12"	3/8" Ø	12"
6	6"	3/8" Ø	7"	3/8" Ø	8"
7	7"	3/8" Ø	7"	3/8" Ø	8"

ALL 1/4" RODS STRAIGHT IN BOTTOM OF SLAB

EXISTING CONCRETE COLUMN SCHEDULE*		
COL. #	SIZE	FOOTING
3, 4, 6, 20, 21, 22	12"x12" 4-1"Ø BARS	7'-6" SQ.x15" DEEP 19-5/8"Ø BARS EW
5	14"x14" 6-5/8"Ø 1/4" Ø HOOPING 1 3/4" PITCH	8'-0" SQ.x18" DEEP 20-5/8"Ø BARS EW
19	14"x14" 7-3/4"Ø 1/4" Ø HOOPING 1 3/4" PITCH	8'-0" SQ.x18" DEEP 20-5/8"Ø BARS EW

*EXISTING SCHEDULES FOR REFERENCE ONLY. FIELD VERIFY

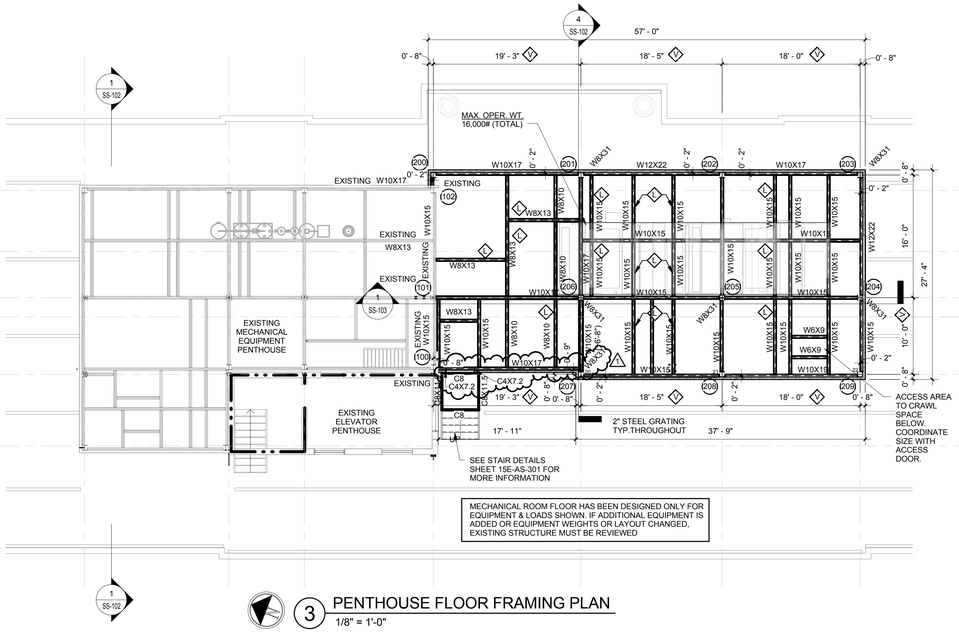


2 PENTHOUSE SUB-FLOOR FRAMING PLAN
1/8" = 1'-0"

SYMBOL NOTES:

ALL CONSTRUCTION IS EXISTING UNLESS NOTED NEW.
TOP OF THIRD STORY CEILING REFERRED TO AS DATUM. (EL. 246'-8")
TOP OF SLAB [0'] FROM DATUM UNLESS NOTED [± ...].
TOP OF NEW STEEL (+2'-4") FROM DATUM UNLESS NOTED (± ....).

- DENOTES NEW STEEL COLUMN UP, COLUMNS 204 THROUGH 209 MUST ALIGN WITH CONCRETE COLUMNS BELOW.
- DENOTES EXISTING CONCRETE COLUMN DOWN,
- DENOTES FRAME BEAM TO STIFFENER
- PL DENOTES BEAM BEARING PLATE - SEE TYPICAL BEARING PLATE DETAIL & SCHEDULE", DWG. SS-103
- BW NOTES BRICK WALL.
- DENOTES DUCT OPENING MARK - SEE "DUCT OPENING SCHEDULE", DWG ____, SEE "DETAILS @ EXISTING SLAB SUPPORTS", DWG. ____
- DENOTES FIELD MEASUREMENT WHICH MUST BE VERIFIED



MECHANICAL ROOM FLOOR HAS BEEN DESIGNED ONLY FOR EQUIPMENT & LOADS SHOWN. IF ADDITIONAL EQUIPMENT IS ADDED OR EQUIPMENT WEIGHTS OR LAYOUT CHANGED, EXISTING STRUCTURE MUST BE REVIEWED

MECHANICAL ROOM FLOOR LOADING	
2" GRATING	15
DL	15
LL	20 (E)
TL	35 PSF
WEIGHT OF EQUIPMENT SHOWN ACCOUNTED FOR	
ADD WEIGHT OF BEAMS ACCOUNTED FOR	
(E) EXCEPT UNDER EQUIPMENT	

FLOOR LIVE LOAD BASED ON ASCE/SEI STANDARD MIN. DESIGN LOADS FOR BLDGS AND OTHER STRUCTURES 7-10 CHAPTER 4 LIVE LOADS TABLE 4-1 STORAGE AREAS ABOVE CEILINGS

MECHANICAL ROOM ROOF LOADING	
EPDM & INS.	2
1 1/2" DECK	2.5
HANGING LOADS	5
DL	10
LL (GROUND SNOW)	30
TL	40 PSF
WEIGHT OF BEAMS ACCOUNTED FOR	

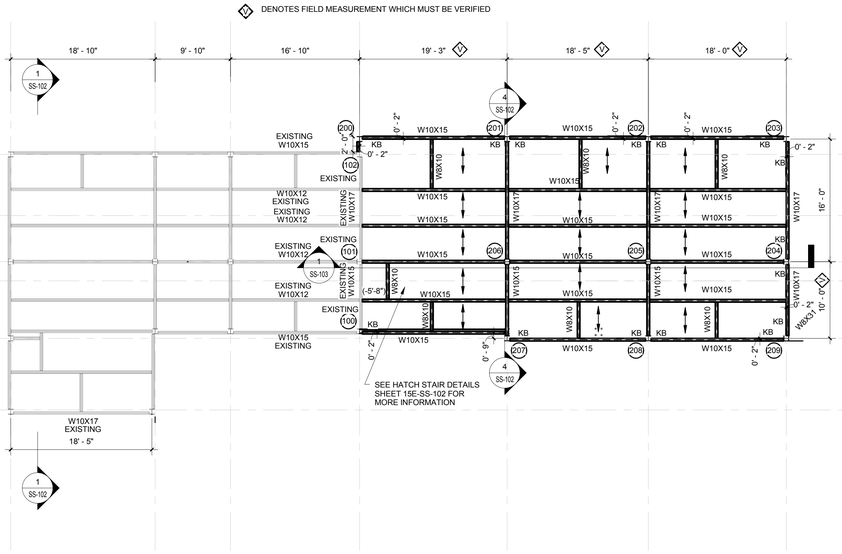
3 PENTHOUSE FLOOR FRAMING PLAN
1/8" = 1'-0"

SYMBOL NOTES:

ALL CONSTRUCTION IS NEW UNLESS NOTED EXISTING.
TOP OF THIRD STORY CEILING REFERRED TO AS DATUM. (EL. 246'-8")
TOP OF STEEL(6'-8") FROM DATUM UNLESS NOTED [± ...].

C8 DENOTES C8 x 11.5

- (E) DENOTES EXACT LOCATION TO BE COORDINATED WITH FINAL MECHANICAL LAYOUT. APPROVED AIR HANDLER SUBMITTAL MUST BE OBTAINED PRIOR TO OBTAINING STEEL SHOP DRAWINGS FOR APPROVAL.
- (V) DENOTES FIELD MEASUREMENT WHICH MUST BE VERIFIED



4 PENTHOUSE ROOF FRAMING PLAN
1/8" = 1'-0"

SYMBOL NOTES:

ALL CONSTRUCTION IS NEW UNLESS NOTED EXISTING.
TOP OF THIRD STORY CEILING REFERRED TO AS DATUM. (EL. 246'-8")
TOP OF STEEL(21'-2") FROM DATUM UNLESS NOTED [± ...].

- DENOTES DIRECTION OF 1 1/2"x20 GAGE GALVANIZED STEEL DECK

I min = .21in. 4/FT: S min = .25 in. 3/FT.

- KB DENOTES KNEE BRACE, SEE LONGITUDINAL SECTION AND KNEE BRACE DETAIL" DWG. SS-103.
- (V) DENOTES FIELD MEASUREMENT WHICH MUST BE VERIFIED

REVISED | 00% Working Drawings
NOT for Construction

11/22/2017 1:45:21 PM

REV #	REVISION DESCRIPTION	DATE
1	DOOR FRAMING & COLUMN ADDITION	11-22-17

DESIGN APPROVED W/ COMMENTS:

CONSULTANTS:

PROF. SEAL:

ARCHITECT/ENGINEERS:

UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2 OF THE N.Y. STATE EDUCATION LAW.

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181 Church St., Suite 100, Poughkeepsie, NY 12601 t.845-454-9704; fx 855-320-8735

Drawing Title: BUILDING 15E STRUCTURAL: THIRD FLOOR CEILING, CRAWL SPACE, ROOF & PENTHOUSE PLANS

Approved: Project Director
VA HUDSON VALLEY HEALTH CARE SYSTEM
CASTLE POINT CAMPUS 41 Castle Point Road
WAPPINGERS FALLS, NY 12590

Project Title: REPLACE AHU - BUILDING 15E
VA HUDSON VALLEY HEALTH CARE SYSTEM
CASTLE POINT CAMPUS

Location: ROUTE 9D, CASTLE POINT NY 12511

Date: 5-25-17 | Checked: EDF | Drawn: SBL

Project Number: 620A4-14-109

Building Number: 15E

Drawing Number: SS-101
Dwg. 13 of 42

Office of Construction and Facilities Management
Department of Veterans Affairs

VA FORM 08-6231