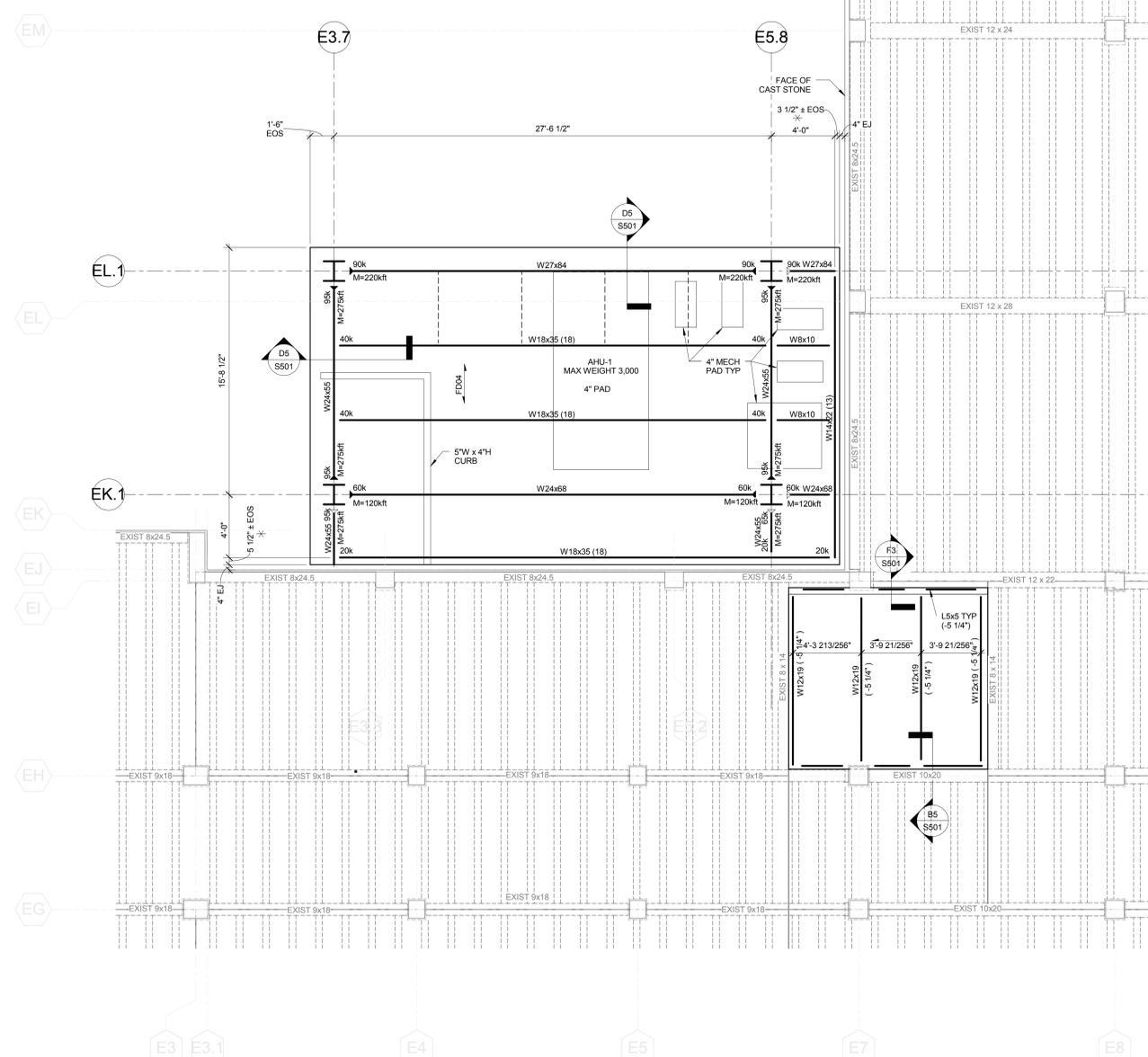




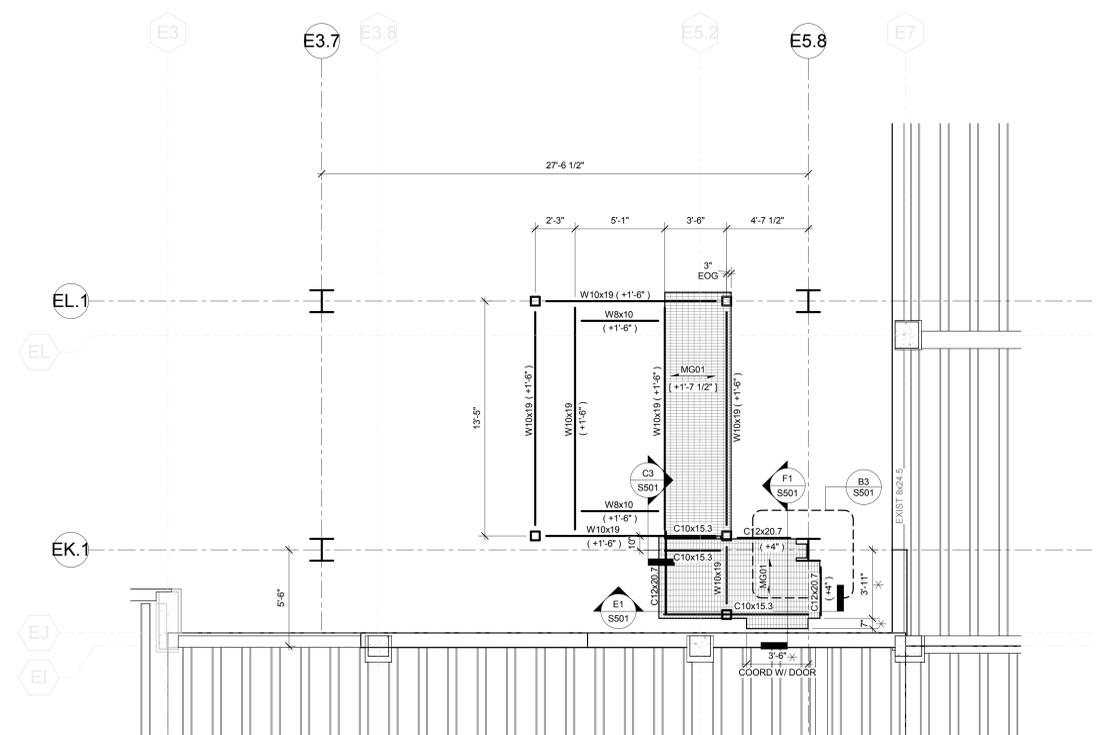


one-eighth inch = one foot  
 one-quarter inch = one foot  
 one-half inch = one foot  
 three-quarters inch = one foot  
 one inch = one foot  
 one and one-half inch = one foot  
 two inches = one foot  
 three inches = one foot  
 four inches = one foot  
 five inches = one foot  
 six inches = one foot  
 seven inches = one foot  
 eight inches = one foot  
 nine inches = one foot  
 ten inches = one foot  
 eleven inches = one foot  
 twelve inches = one foot



**F2 SECOND FLOOR FRAMING PLAN**  
 1/4" = 1'-0"

- FOR GENERAL NOTES AND ABBREVIATIONS, SEE DRAWING S001
- TOP OF SLAB ELEVATION 25'-6 3/4" TO MATCH T/ EXISTING SECOND FLOOR. UNLESS NOTED OTHERWISE (+ OR -) FROM T/ EXISTING SLAB
- TOP OF STEEL ELEVATION -6 1/2" BELOW SECOND FLOOR SLAB UNLESS OTHERWISE NOTED (+ OR -) FROM T/ EXISTING SECOND FLOOR SLAB
- FDO - INDICATES SPAN DIRECTION OF COMPOSITE FLOOR SLAB. SEE SCHEDULE ON DRAWING S003 FOR SLAB REQUIREMENTS.
- INDICATES SPANDREL BRACE LOCATIONS - SEE S001
- INDICATES SLAB/DECK OPENING. SET EDGE OF SLAB AT 6" UNLESS NOTED OTHERWISE. SEE DRAWING S003 FOR BEAM SIZES IF NOT INDICATED ON PLAN
- INDICATES DIMENSIONS TO BE COORDINATED DURING CONSTRUCTION WITH APPROVED EQUIPMENT.



**E7 FIRST FLOOR FRAMING PLAN**  
 1/4" = 1'-0"

- FOR GENERAL NOTES AND ABBREVIATIONS, SEE DRAWING S001
- TOP OF GRATING ELEVATION 11'-6" TO MATCH T/ EXISTING FIRST FLOOR. UNLESS NOTED OTHERWISE (+ OR -) FROM T/ EXISTING SLAB
- T/STEEL ELEVATION -1 1/2" BELOW T/GRATING UNLESS OTHERWISE NOTED (+ OR -) FROM T/ EXISTING FIRST FLOOR SLAB
- MG01 - INDICATES SPAN DIRECTION OF W-10x19 (1 1/2"x3'16") STEEL GRATING.

**NOTE:**  
 CONTRACTOR SHALL HAVE A LICENSED SURVEYOR VERIFY EXISTING DIMENSIONS, FLOOR ELEVATIONS, AND FLOOR-TO-FLOOR HEIGHTS BEFORE ORDERING, FABRICATING, OR DETAILING STRUCTURAL COLUMNS AND HORIZONTAL FRAMING. THIS INFORMATION MUST BE CONFIRMED AT ALL LOCATIONS WHERE NEW FLOORS MEET EXISTING.

**FULLY SPRINKLERED**

ALTERNATE No. 4	07/01/14
ALTERNATE No. 2 and ALTERNATE No. 3	06/19/14
CONSTRUCTION DOCUMENT - 100% SUBMISSION	07/19/13
CONSTRUCTION DOCUMENT - 90% SUBMISSION	04/05/13
FIRE/LIFE SAFETY REVIEW	03/15/13
DESIGN DEVELOPMENT - 60% SUBMISSION (3RD)	11/09/12
DESIGN DEVELOPMENT - 60% SUBMISSION (2ND)	10/05/12
DESIGN DEVELOPMENT - 60% SUBMISSION (1ST)	08/22/12
SCHEMATIC DESIGN - 30% SUBMISSION	09/09/11

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CARDIOLOGY MANAGER	DATE	ENGINEERING MANAGER	DATE
INFECTION CONTROL	DATE	CARELINE MANAGER	DATE
SAFETY OFFICER	DATE	CHIEF OF STAFF	DATE

Drawing Title <b>FIRST FLOOR AND SECOND FLOOR FRAMING PLANS</b>	
Project Title <b>WARD C RENOVATIONS</b>	Date <b>09/09/11</b>
Building Number 1	Checked BA
Drawn TC	Station No. 5284
Location V.A.M.C. BATAVIA, NEW YORK	<b>353 S102</b>

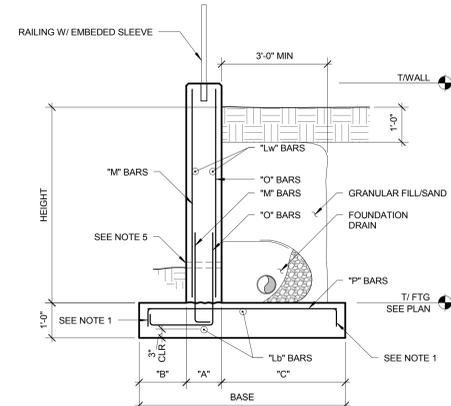
MEDICAL CENTER DIRECTOR	DATE
ASSOCIATE MEDICAL CENTER DIRECTOR	DATE

Office Facilities

Department of Veterans Affairs

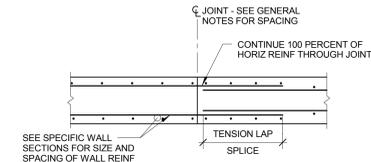


RETAINING WALL SCHEDULE									
HEIGHT	BASE	"B"	"A"	"C"	"O" BARS	"P" BARS	"LW" BARS	"M" BARS	"LB" BARS
UP TO 6'-0"	4'-10"	1'-0"	10"	3'-0"	#5@9"	#5@12"	#5@18"	#5@9"	#5@12"



- NOTES
- STANDARD HOOK WHERE INDICATED \*\* IN SCHEDULE
  - PROVIDE 2 INCHES OF CLEAR COVER UNLESS NOTED OTHERWISE
  - ROUGHEN JOINT BETWEEN WALL AND MAT TO A 1/4-INCH AMPLITUDE
  - PROVIDE TENSION LAP SPLICES AT VERTICAL "M" AND "O" BARS
  - 2-INCH DIAMETER WEEP HOLE AT 10 FEET ON CENTER

**C2** TYPICAL RETAINING WALL SCHEDULE AND DETAIL  
1/2" = 1'-0"



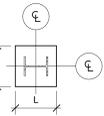
- NOTES
- WATERSTOP REQUIRED FOR ALL SUB-GRADE WALLS RETAINING BACKFILL MATERIAL. OMIT OTHERWISE
  - ROUGHEN FIRST POUR TO A 1/4" AMPLITUDE OR FORM THE JOINT WITH A STAY-IN-PLACE PERFORATED METAL BULKHEAD TO ACHIEVE THE SAME RESULT.

**B6** TYPICAL WALL CONSTRUCTION JOINT  
1/2" = 1'-0"

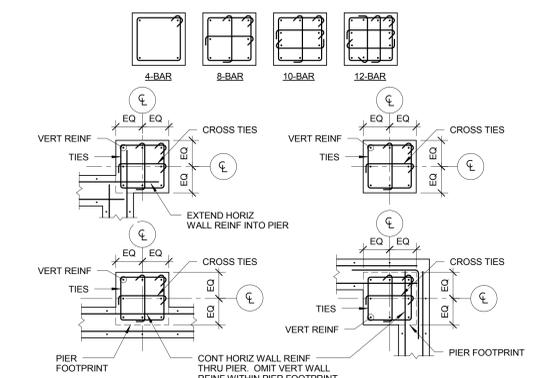
CONCRETE PIER SCHEDULE					REMARKS
MARK	WIDTH	LENGTH	VERTICAL REINFORCEMENT	TIES	
P18	18"	18"	4-#8	#4@12"	
P30	30"	30"	12-#8	#4@12"	

**PIER SCHEDULE NOTES**

- SET LOWEST TIE AT ONE HALF THE TIE SPACING ABOVE TOP OF FOOTING.
- PROVIDE TIES AT 4" ON CENTER FULL LENGTH OF ANCHOR RODS.
- "W" DIMENSION IS PERPENDICULAR TO COLUMN WEB.
- "L" DIMENSION IS PARALLEL WITH COLUMN WEB.
- ALL PIERS ARE CENTERED ON COLUMN CENTERLINES UNLESS NOTED OTHERWISE
- CONFIGURE TIES USING ACI REQUIREMENTS AND TO AVOID CONFLICTS WITH ANCHOR RODS



**B8** PIER SCHEDULE AND NOTES  
NTS



**C5** TYPICAL WALL REINFORCING DETAILS  
NTS

- NOTES
- PROVIDE 135 DEGREE HOOKS AT TIES
  - PROVIDE 135 DEGREE AND 90 DEGREE HOOKS AT CROSS TIES
  - ALTERNATE ALL HOOK LOCATIONS AT CONSECUTIVE TIES

**D8** TYPICAL PIER DETAILS  
NTS

GRADE BEAM SCHEDULE									
MARK	SIZE - (INCHES)	BOTTOM REINFORCING	CONTINUOUS TOP REINFORCING	ADDITIONAL TOP REINFORCING	SIDE BARS, EACH SIDE	STIRRUPS	REMARKS		
G81 (30x30)	30" x 30"	(6)-#8	(4)-#8	E/N END W/S END	(2)-#8	#4 @ 12" OC	HOOK T & B BARS		

- GRADE BEAM SCHEDULE NOTES**
- W/S INDICATES WEST OR SOUTH END OF BEAM.
  - E/N INDICATES EAST OR NORTH END OF BEAM.
  - \*\* INDICATES ADDITIONAL REINFORCING FROM ADJACENT BEAM IS EXTENDED INTO THIS LOCATION.
  - UNLESS NOTED OTHERWISE, REINFORCING IS IN LAYERS "A" AND "D".
  - THE SUFFIX (B) OR (C) INDICATES REINFORCING IN LAYER "B" OR "C" RESPECTIVELY.

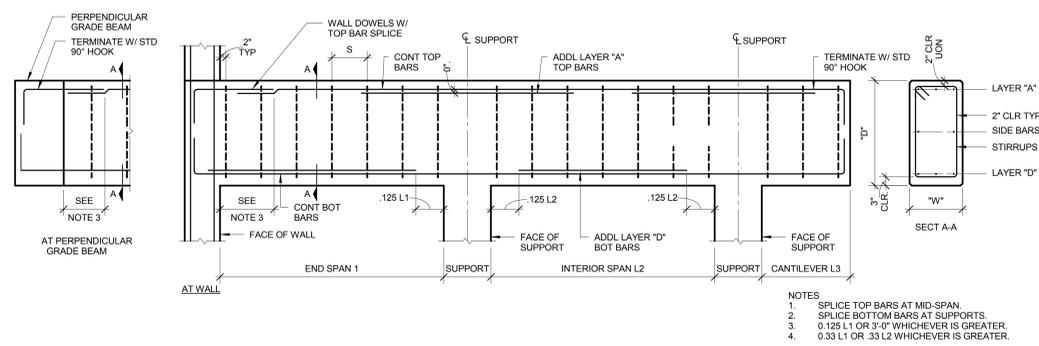
**E5** GRADE BEAM SCHEDULE AND NOTES  
1/2" = 1'-0"

BAR SIZE	TENSION LAP SPLICE LENGTHS FOR BARS ENCLOSED IN TIES OR STIRRUPS											
	CONCRETE COMPRESSIVE STRENGTH											
	3,000 PSI			4,000 PSI			5,000 PSI					
	BAR TYPE	STD	HOOK DEV	BAR TYPE	STD	HOOK DEV	BAR TYPE	STD	HOOK DEV	BAR TYPE	STD	HOOK DEV
#3	28	22	6	25	19	6	22	17	6			
#4	38	29	8	33	25	7	29	23	6			
#5	47	36	10	41	31	8	36	28	7			
#6	56	43	12	49	37	10	44	34	9			
#7	65	51	14	57	45	12	51	41	10			
#8	74	60	16	66	53	14	60	49	12			
#9	83	69	18	75	62	16	70	56	14			
#10	92	78	20	84	71	18	79	65	16			
#11	101	87	22	93	80	20	88	74	18			

BAR SIZE	TENSION LAP SPLICE LENGTHS FOR BARS NOT ENCLOSED IN TIES OR STIRRUPS											
	CONCRETE COMPRESSIVE STRENGTH											
	3,000 PSI			4,000 PSI			5,000 PSI					
	BAR TYPE	STD	HOOK DEV	BAR TYPE	STD	HOOK DEV	BAR TYPE	STD	HOOK DEV	BAR TYPE	STD	HOOK DEV
#3	17	16	6	16	16	6	16	16	6			
#4	28	22	8	25	19	7	22	17	6			
#5	41	32	10	36	28	8	32	25	7			
#6	56	43	12	49	37	10	44	34	9			
#7	71	56	14	62	48	12	56	43	11			
#8	86	67	16	74	57	14	67	51	12			
#9	101	79	18	87	68	16	80	61	14			
#10	116	92	20	101	79	18	92	71	15			
#11	131	101	22	114	87	20	102	78	17			

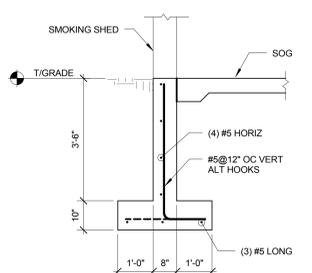
- NOTES
- ALL TABULATED VALUES ARE GIVEN IN INCHES.
  - DIVIDE TABULATED VALUES BY 1.30 TO ACHIEVE STRAIGHT BAR TENSION DEVELOPMENT LENGTHS.
  - APPLY A 1.30 MULTIPLIER ON TABULATED VALUES FOR USE IN LIGHTWEIGHT CONCRETE.
  - APPLY A 1.50 MULTIPLIER ON TABULATED VALUES FOR EPOXY COATED BARS WITH COVER LESS THAN 3 BAR DIAMETERS OR CLEAR SPACING LESS THAN 6 BAR DIAMETERS. APPLY A 1.20 MULTIPLIER ON ALL OTHER EPOXY COATED BARS.
  - MULTIPLIERS FOR LIGHTWEIGHT CONCRETE AND EPOXY COATING ARE ADDITIVE.
  - TOP BARS ARE DEFINED AS HORIZONTAL REINFORCEMENT WITH MORE THAN 12-INCHES OF CONCRETE CAST BELOW THE DEVELOPMENT LENGTH OR SPLICE.
  - "SIDE LAP" ALL LAP SPLICES TO MAINTAIN SPECIFIED CONCRETE COVER. WHEN BARS OF DIFFERENT SIZE ARE LAP SPLICED, USE THE SPLICE LENGTH OF THE SMALLER BAR.
  - NON-CONTACT SPLICES NOT PERMITTED.

**F2** TENSION LAP SPLICE LENGTHS FOR GRADE 60 REINFORCEMENT  
NTS

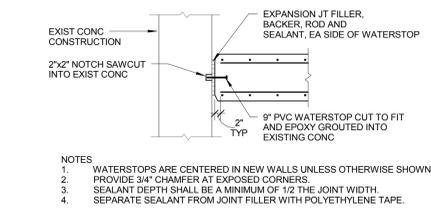


- NOTES
- SPLICE TOP BARS AT MID-SPAN
  - SPLICE BOTTOM BARS AT SUPPORTS
  - 0.125 L1 OR 3'-0" WHICHEVER IS GREATER.
  - 0.33 L1 OR .33 L2 WHICHEVER IS GREATER.

**F4** GRADE BEAM DETAIL  
1/2" = 1'-0"

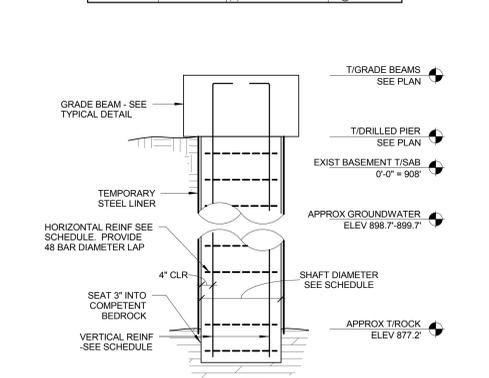


**E1** SMOKING SHED FOUNDATION  
1/2" = 1'-0"



**F1** TYPICAL WALL EXPANSION JOINT AT EXISTING CONSTRUCTION  
1/2" = 1'-0"

DRILLED CONCRETE PIER SCHEDULE			
MARK	DIAMETER	VERTICAL REINFORCING	TIES
DP30	2'-6"	(6)-#8	#4@12" OC



- NOTES
- CONTRACTOR SHALL COMPLETE A ROCK CORE AT ONE OF THE DRILLED PIER LOCATIONS PRIOR TO DRILLED PIER PRODUCTION AND PROVIDE IT TO THE OWNERS GEOTECHNICAL CONSULTANT FOR EVALUATION. OWNERS CONSULTANT WILL CONFIRM OR MODIFY THE BASE BID BEARING ELEVATION DURING CONSTRUCTION. THE CONTRACT PRICE WILL BE ADJUSTED ACCORDING TO THE LENGTH OF DRILLED PIER INSTALLED USING THE UNIT PRICES INDICATED ON THE BID FORM.

**F8** DRILLED PIER SCHEDULE AND DETAIL  
1/2" = 1'-0"

Revisions	Date

VA WESTERN NEW YORK HEALTHCARE SYSTEM  
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stamp

CARDIOLOGY MANAGER	DATE	ENGINEERING MANAGER	DATE
INFECTION CONTROL	DATE	CARELINE MANAGER	DATE
SAFETY OFFICER	DATE	CHIEF OF STAFF	DATE

Drawing Title  
**FOUNDATION DETAILS**

Project Title  
**WARD C RENOVATIONS**

Building Number  
1

Checked  
BA

Drawn  
TC

Location  
V.A.M.C. BATAVIA, NEW YORK

Date  
09/09/11

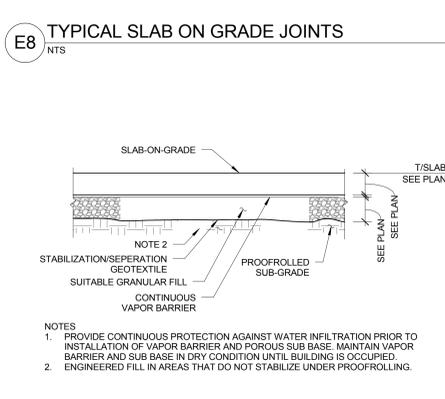
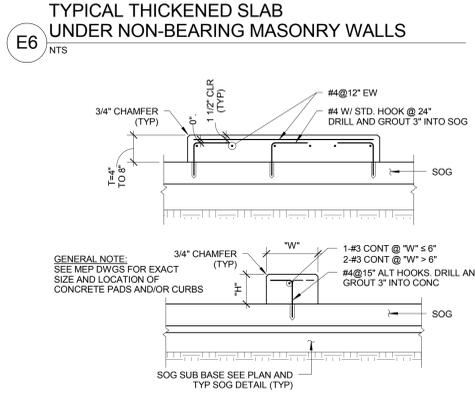
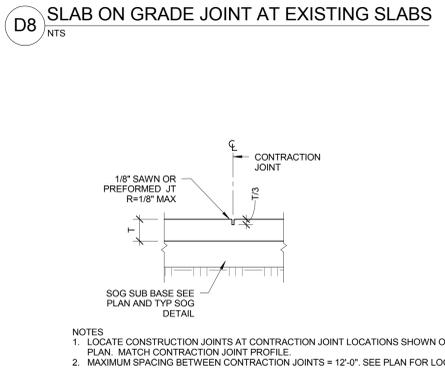
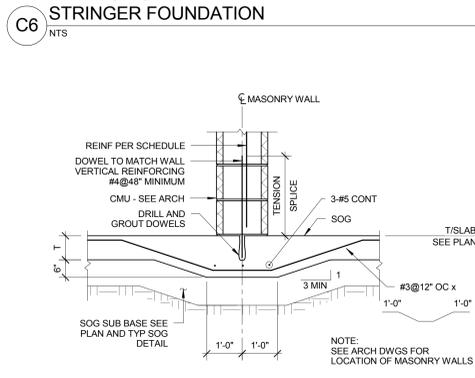
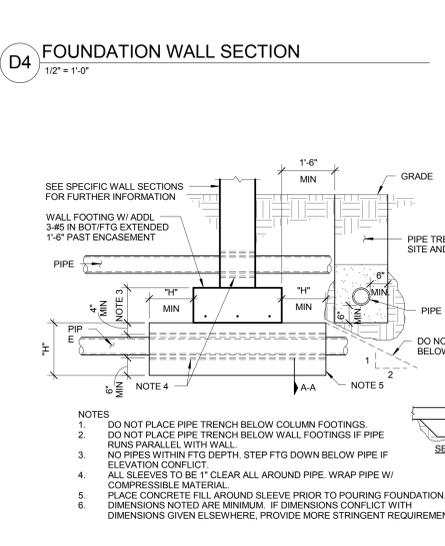
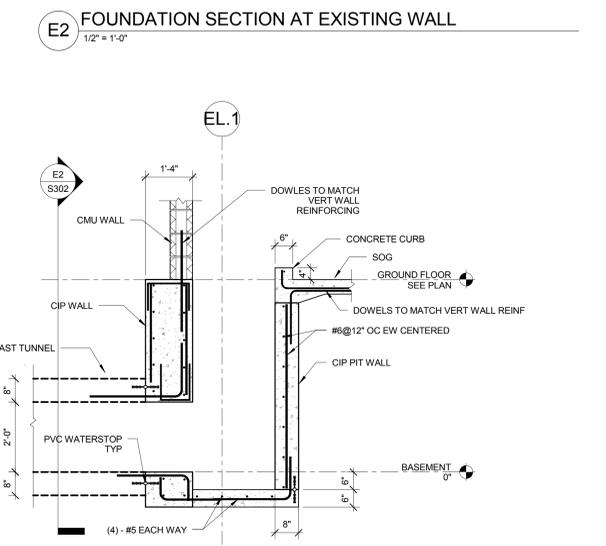
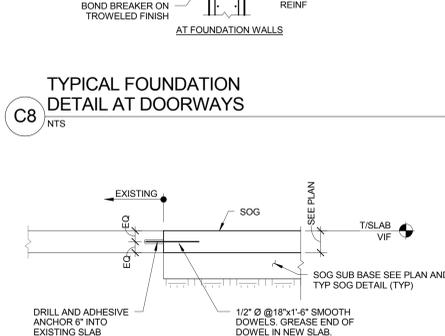
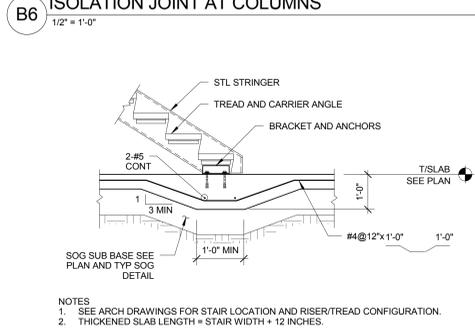
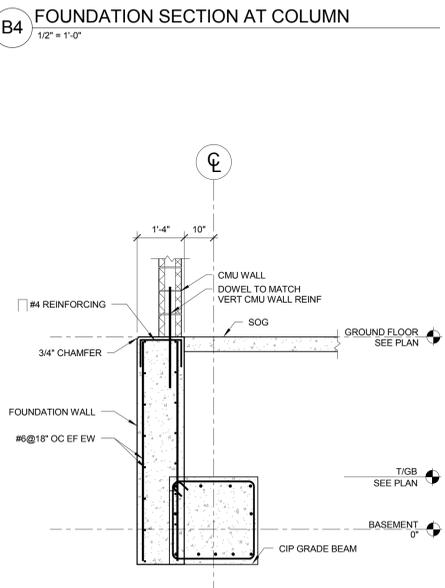
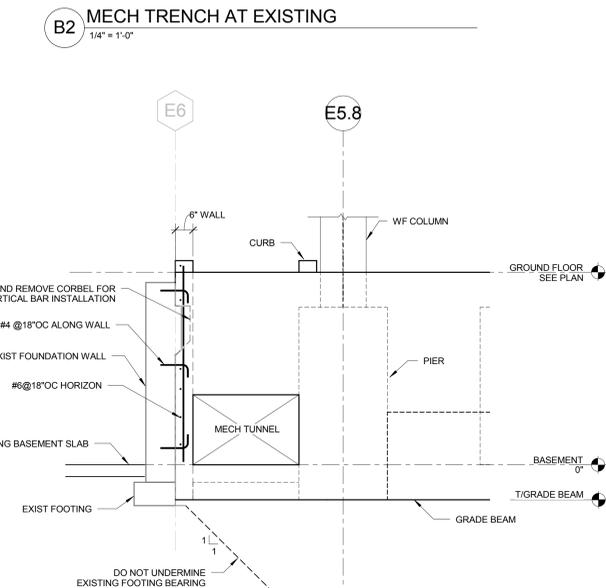
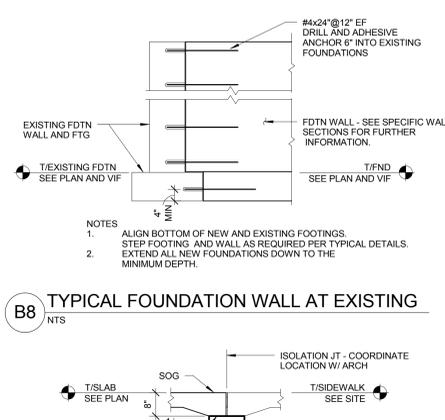
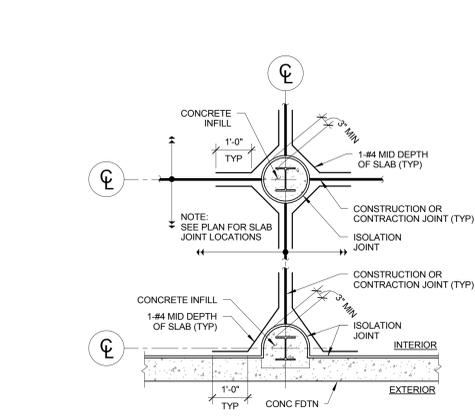
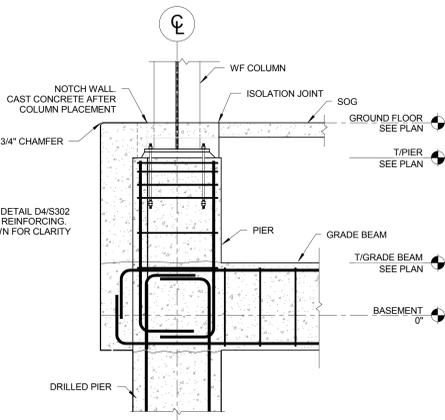
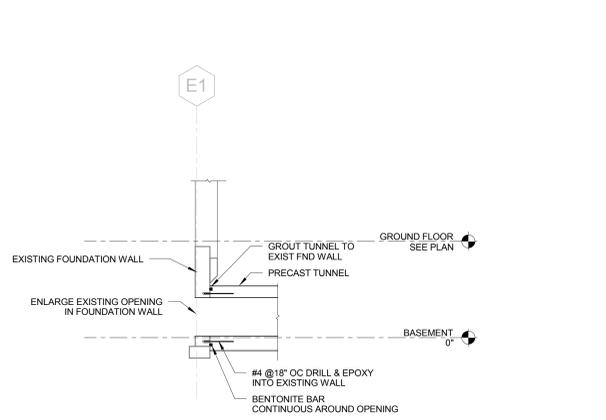
Station No.  
5284

**353**

**S301**



FULLY SPRINKLERED



ALTERNATE No. 4	07/01/14
ALTERNATE No. 2 and ALTERNATE No. 3	06/19/14
CONSTRUCTION DOCUMENT - 100% SUBMISSION	07/19/13
CONSTRUCTION DOCUMENT - 90% SUBMISSION	04/05/13
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SCHEMATIC DESIGN - 30% SUBMISSION	09/09/11

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Architect CANNON PROJECT #: 3526.00

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Drawing Title	
FOUNDATION DETAILS	
Project Title	
WARD C RENOVATIONS	
Medical Center Director	DATE
Associate Medical Center Director	DATE

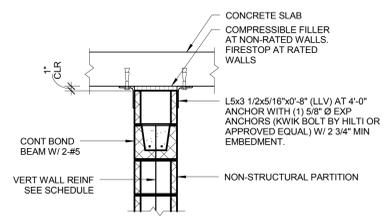
Date	09/09/11
Station No.	5284
Building Number	1
Checked	BA
Drawn	TC
Location	V.A.M.C. BATAVIA, NEW YORK

353	S302
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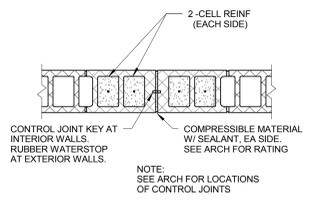


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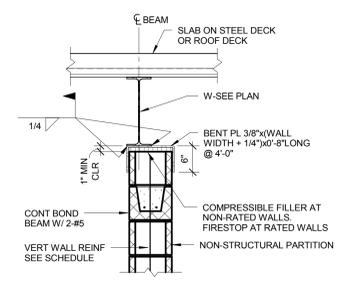
A three inches = one foot  
 B one and one-half inch = one foot  
 C one inch = one foot  
 D three-quarters inch = one foot  
 E one-half inch = one foot  
 F three-eighths inch = one foot  
 G one-quarter inch = one foot  
 H one-eighth inch = one foot



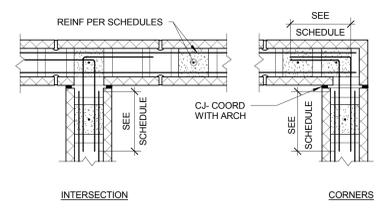
**B5**  
NTS  
NON-STRUCTURAL PARTITION  
BRACE AT CONCRETE SLABS



**B7**  
NTS  
TYPICAL  
MASONRY CONTROL JOINT DETAIL



**D5**  
NTS  
NON-STRUCTURAL PARTITION  
BRACE AT PARALLEL STEEL BEAMS

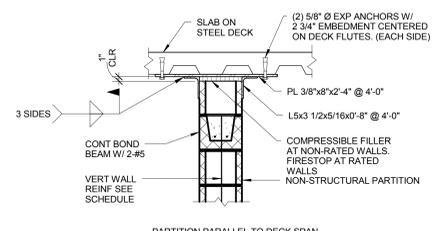


**D7**  
NTS  
TYPICAL STRUCTURAL BOND BEAM

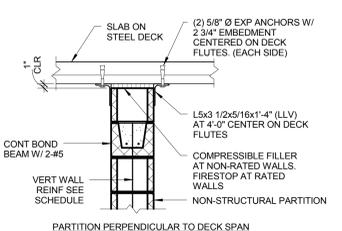
MASONRY STEEL LINTEL SCHEDULE				
OPENING SIZE	4" WALLS	6" WALLS	8" WALLS	12" WALLS
3'-0"	1L3 1/2x3 1/2x1/4	2L3x2 1/2x1/4	2L3 1/2x3 1/2x1/4	3L3 1/2x3 1/2x1/4
4'-0"	1L4x3 1/2x1/4	2L3x2 1/2x1/4	2L4x3 1/2x1/4	3L4x3 1/2x1/4
5'-0"	1L4x3 1/2x1/4	2L3 1/2x2 1/2x1/4	2L4x3 1/2x1/4	3L4x3 1/2x1/4
6'-0"	1L5x3 1/2x1/4	WT 7x13	2L5x3 1/2x1/4	3L5x3 1/2x1/4
8'-0"	1L6x3 1/2x5/16	WT 8x15.5	2L6x3 1/2x3/8	3L6x3 1/2x3/8
8'-0"	1L6x3 1/2x1/2	-	2L6x3 1/2x1/2	-

NOTES  
 1. UNLESS OTHERWISE SPECIFIED ON THE DRAWING, PROVIDE AND INSTALL LINTEL ANGLES FOR MASONRY OPENINGS IN ACCORDANCE WITH THIS SCHEDULE.  
 2. WHERE LINTELS OCCUR IN EXTERIOR WALLS, MINIMUM THICKNESS SHALL BE 5/16".  
 3. LINTELS SHALL BE 16" LONGER THAN MASONRY OPENINGS, LONG LEG VERTICAL.  
 4. ALL ANGLES SUPPORTING THE EXTERIOR VENEER SHALL BE HOT-DIPPED GALVANIZED.  
 5. WELD ADJOINING ANGLES TO FORM A SINGLE UNIT.

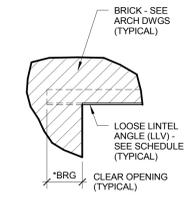
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NTS  
MASONRY STEEL LINTEL SCHEDULE



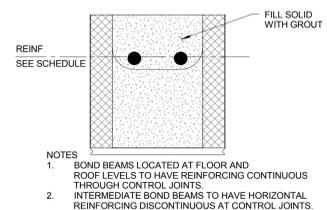
**F3**  
NTS  
NON-STRUCTURAL PARTITON  
BRACE AT SLABS ON METAL DECK



**F5**  
NTS  
TYPICAL JOINT  
REINFORCING AT VENEER WALLS



**E7**  
NTS  
TYPICAL BRICK LOOSE  
LINTEL BEARING DETAIL



**F7**  
NTS  
TYPICAL  
BOND BEAM REINFORCING DETAIL

2003 IBC STRUCTURAL REINFORCED MASONRY LAP SPLICES (2000 PSI)							
REINFORCING SIZE	BLOCK SIZE W/ SINGLE BAR PER CELL				BLOCK SIZE W/ DOUBLE BAR PER CELL		
	6"	8"	10"	12"	8"	10"	12"
#3	16	16	16	16	16	16	16
#4	21	21	21	21	27	24	24
#5	34	27	27	27	42	37	37
#6	69	49	45	45	85	75	75
#7	-	98	53	53	123	102	102
#8	-	97	75	64	198	143	143
#9	-	-	96	78	-	182	182

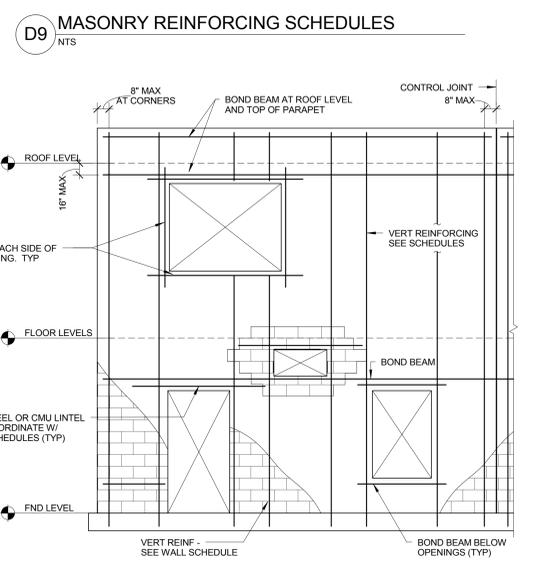
2003 IBC STRUCTURAL REINFORCED MASONRY LAP SPLICES (1500 PSI)							
REINFORCING SIZE	BLOCK SIZE W/ SINGLE BAR PER CELL				BLOCK SIZE W/ DOUBLE BAR PER CELL		
	6"	8"	10"	12"	8"	10"	12"
#3	19	19	19	19	19	19	19
#4	25	25	25	25	31	28	28
#5	39	31	31	31	48	43	43
#6	80	57	52	52	98	87	87
#7	-	79	61	61	142	118	118
#8	-	112	86	74	229	165	165
#9	-	-	111	90	-	210	210

**C9**  
NTS  
2003 IBC  
MASONRY LAP SPLICE SCHEDULES

STRUCTURAL REINFORCED MASONRY (ALL EXTERIOR WALLS)				
BLOCK SIZE	BOND BEAM		VERTICAL SIZE	SPACING (OC)
	MAXIMUM SPAN	REINFORCING		
8"	4'-0"	#4	#6	40"

NON-STRUCTURAL REINFORCED MASONRY PARTITIONS				
BLOCK SIZE	BOND BEAM*		VERTICAL SIZE	SPACING (OC)
	MAXIMUM SPAN	REINFORCING		
8"	4'-0"	#4	#6	48"

\*BOND BEAMS IN PARTITION WALLS CAN BE REPLACED WITH LADDER JOINT REINFORCING W/ 7 @ 16" OC.



**F9**  
NTS  
MINIMUM MASONRY WALL REINFORCEMENT

Revisions	Date
ALTERNATE No. 4	07/01/14
ALTERNATE No. 2 and ALTERNATE No. 3	06/19/14
CONSTRUCTION DOCUMENT - 100% SUBMISSION	07/19/13
CONSTRUCTION DOCUMENT - 90% SUBMISSION	04/05/13
FIRE/LIFE SAFETY REVIEW	03/15/13
DESIGN DEVELOPMENT - 60% SUBMISSION (3RD)	11/09/12
DESIGN DEVELOPMENT - 60% SUBMISSION (2ND)	10/05/12
DESIGN DEVELOPMENT - 60% SUBMISSION (1ST)	08/22/12
SCHEMATIC DESIGN - 30% SUBMISSION	09/09/11

VA WESTERN NEW YORK HEALTHCARE SYSTEM  
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Architect CANNON PROJECT #: 3526.00 stamp

CARDIOLOGY MANAGER	DATE	ENGINEERING MANAGER	DATE
INFECTION CONTROL	DATE	CARELINE MANAGER	DATE
SAFETY OFFICER	DATE	CHIEF OF STAFF	DATE

MASONRY DETAILS	
MEDICAL CENTER DIRECTOR	DATE
ASSOCIATE MEDICAL CENTER DIRECTOR	DATE

WARD C RENOVATIONS			
Building Number	Checked	BA	Drawn
TC			
Location: V.A.M.C. BATAVIA, NEW YORK			

Date	09/09/11
Station No.	5284
353	S401

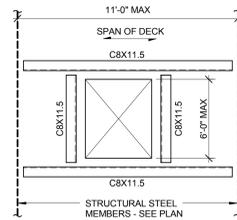
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Office Facilities

Department of Veterans Affairs

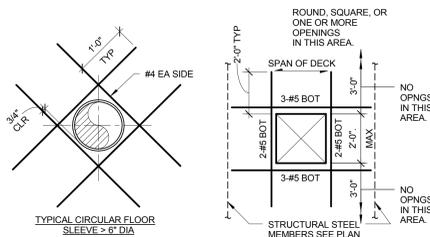






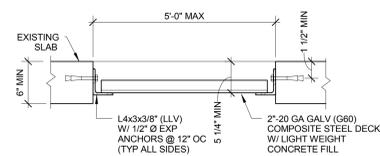
NOTES:  
1. COORDINATE EXACT SIZE AND LOCATION OF OPENINGS W/ ARCH AND MEP REQUIREMENTS.

**B4**  
NTS  
TYPICAL FRAMING AT OPENINGS IN SLAB ON STEEL DECK AND ROOF DECK

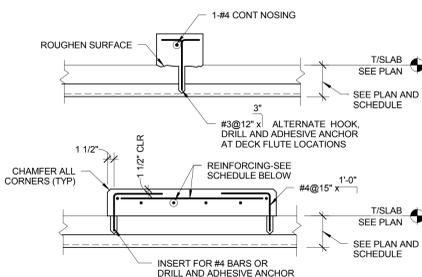


NOTES:  
1. MAXIMUM CIRCULAR OPENING SIZE = 1'-4\"/>

**D4**  
NTS  
TYPICAL REINFORCED OPENINGS IN SLAB ON STEEL DECK

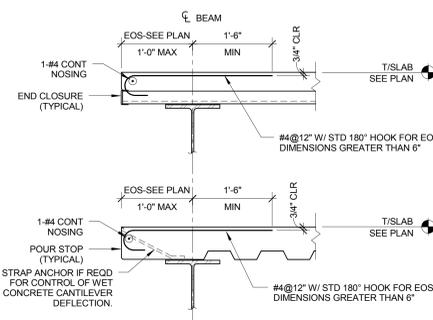


**E4**  
NTS  
EXISTING SLAB OPENING INFILL DETAIL  
3/4\"/>

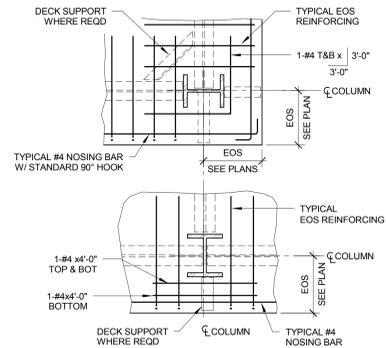


GENERAL NOTE:  
SEE MEP DWGS FOR EXACT SIZE AND LOCATION OF CONCRETE PADS AND/OR CURBS

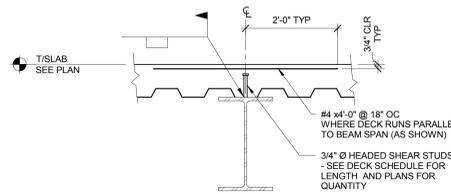
**F4**  
NTS  
TYPICAL HOUSEKEEPING PAD AND CURB AT SLAB ON STEEL DECK DETAIL



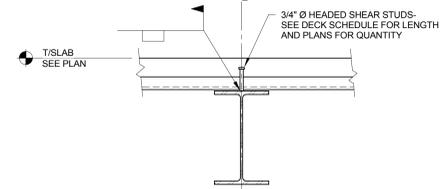
**B6**  
NTS  
TYPICAL NON-SPANREL EDGE OF SLAB DETAILS



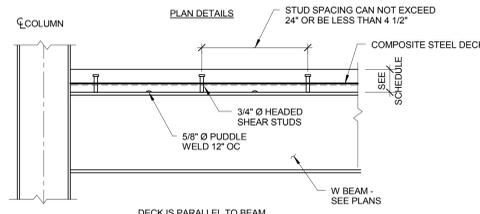
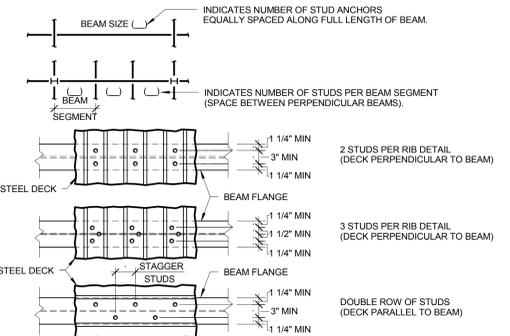
**D6**  
NTS  
TYPICAL SLAB REINFORCING AT PERIMETER COLUMNS



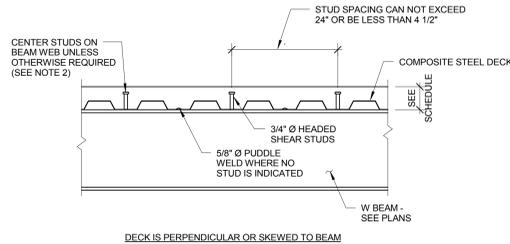
**E6**  
NTS  
TYPICAL SLAB AND COMPOSITE BEAM DETAIL



**F6**  
NTS  
TYPICAL SLAB AND COMPOSITE BEAM DETAIL



NOTES:  
1. SPACE STUDS EQUALLY WITHIN BEAM SEGMENT, WHERE STUD SPACING EXCEEDS 24 INCHES, PROVIDE ADDITIONAL STUDS AS NECESSARY TO MAINTAIN A 24 INCH MAXIMUM STUD SPACING.  
2. PLACE STUDS IN SINGLE ROW UNLESS NUMBER OF STUDS RESULTS IN SPACING LESS THAN 4 1/2 INCHES, WHERE SPACING WOULD BE LESS THAN 4 1/2 INCHES, PROVIDE A DOUBLE ROW OF STUDS IN A STAGGERED PATTERN RATHER THAN SIDE BY SIDE.  
3. MAINTAIN TRANSVERSE SPACING BETWEEN STUDS AND EDGE DIMENSIONS AS SHOWN ON PLAN DETAILS ABOVE.



NOTES:  
1. SPACE STUDS AS EVENLY AS POSSIBLE IN AVAILABLE DECK FLUTES, WHERE STUD SPACING EXCEEDS 24 INCHES, PROVIDE ADDITIONAL STUDS AS NECESSARY TO MAINTAIN A 24 INCH MAXIMUM STUD SPACING.  
2. WHERE THE NUMBER OF STUDS EXCEEDS THE NUMBER OF FLUTES, INSTALL REMAINING STUDS IN DOUBLE OR TRIPLE ROW, STARTING FROM THE BEAM ENDS AND WORKING TOWARD THE CENTER.  
3. WHERE BEAM FLANGE THICKNESS IS LESS THAN 0.30\", STUDS MUST BE PLACED AT CENTERLINE OF THE BEAM.  
4. MAINTAIN TRANSVERSE SPACING BETWEEN STUDS AND EDGE DIMENSIONS AS SHOWN ON PLAN DETAILS ABOVE.

**E8**  
NTS  
SHEAR CONNECTOR PLACEMENT DIAGRAMS

MARK	Total Slab Thickness	Minimum Steel Deck Properties					Concrete Properties			Shear Stud Length
		Deck Type	Gage	I in4	Sp in <sup>4</sup>	S <sub>n</sub> in <sup>2</sup>	GALV	F <sub>c</sub>	Unit Weight (PCF)	
FD01	5 1/4"	2"	18	0.560	0.523	0.529	G60	3000	115	3 1/2"
FD04	6 1/2"	2"	20	0.420	0.367	0.387	G60	3000	145	3 1/2"

COMPOSITE SLAB SCHEDULE NOTES  
1. SEE PLANS FOR LOCATION OF DECK MARKS.  
2. PERIMETER FASTENING TO BE EQUAL TO SUPPORT FASTENING ALL AROUND.  
3. ALL DECK TYPES RECEIVE 24 POUNDS OF BLENDED FIBER REINFORCEMENT PER CUBIC YARD. UNO.  
4. SIDELAPS AT 36\"/>

**F8**  
NTS  
COMPOSITE SLAB SCHEDULE AND NOTES

FULLY SPRINKLERED

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Architect CANNON PROJECT #: 3526.00

CARDIOLOGY MANAGER	DATE	ENGINEERING MANAGER	DATE
INFECTION CONTROL	DATE	CARELINE MANAGER	DATE
SAFETY OFFICER	DATE	CHIEF OF STAFF	DATE

Drawing Title	STEEL DECK DETAILS	Project Title	WARD C RENOVATIONS	Date	09/09/11
Medical Center Director	DATE	Building Number	1	Checked	BA
Associate Medical Center Director	DATE	Location	V.A.M.C. BATAVIA, NEW YORK	Drawn	TC

Station No.	5284
353	S503

