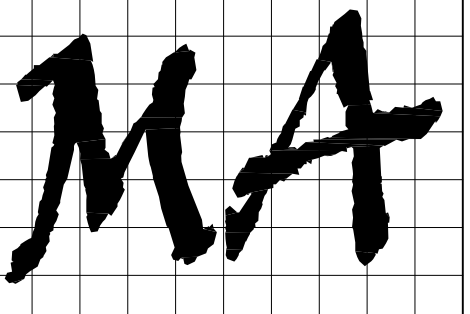




MITCHELL ASSOCIATES ARCHITECTS

29 THACHER PARK ROAD
VOORHEESVILLE, NY 12084
(518) 745-4571 FAX (518) 745-2150
WWW.MITCHELL-ARCHITECTS.COM

EMERGENCY SERVICE FACILITIES

CONSULTANTS:

INSITE ENGINEERING
SURVEYING & LANDSCAPE
ARCHITECTURE, P.C.
CIVIL ENGINEERS

CRAIG A. MALONEY
STRUCTURAL ENGINEERING
CONSULTANT

GERARD ASSOCIATES
CONSULTING ENGINEERS, P.C.
MECHANICAL, PLUMBING
AND ELECTRICAL

COPYRIGHT 2020
MITCHELL ASSOCIATES ARCHITECTS
UNAUTHORIZED ALTERATION OR ADDITION
TO THIS DOCUMENT IS A VIOLATION OF LAW.

NEW STATION

PUTNAM VALLEY FIRE STATION #1

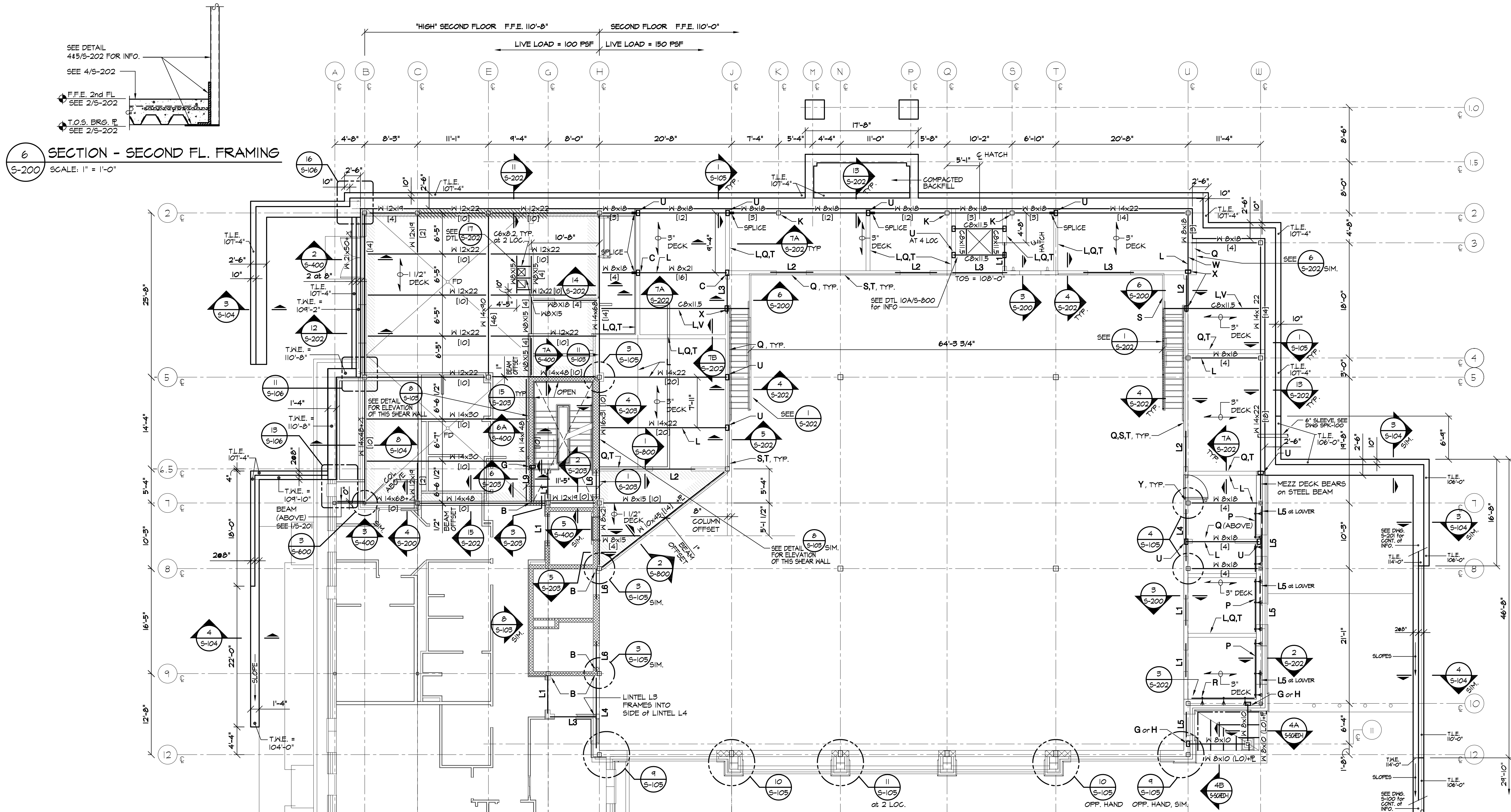
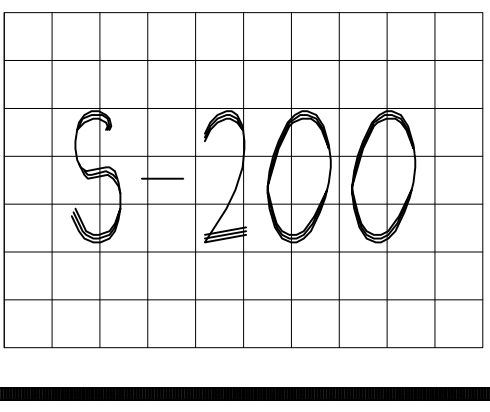
OSCAWANA LAKE ROAD
PUTNAM VALLEY, NEW YORK

DATE	DESCRIPTION
11/14/2020	ISSUED FOR BIDDING
11/14/2020	ISSUED FOR BIDDING
11/14/2020	ISSUED FOR BIDDING
11/14/2020	ISSUED FOR BIDDING
11/14/2020	ISSUED FOR BIDDING
11/14/2020	ISSUED FOR BIDDING
11/14/2020	ISSUED FOR BIDDING
11/14/2020	ISSUED FOR BIDDING
11/14/2020	ISSUED FOR BIDDING
11/14/2020	ISSUED FOR BIDDING

STATUS: FOR BIDDING

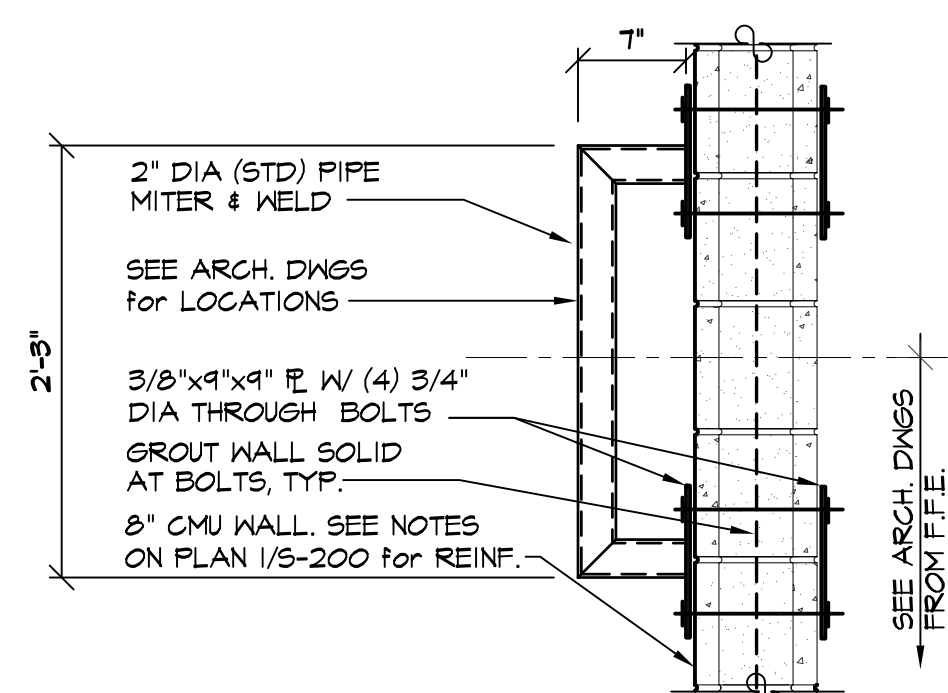
2nd FLOOR FRAMING PLAN

SCALE: AS NOTED
DWG. BY: JG/CAH
DWG. DATE: 08/14/2020
DWG. ID#: S-200

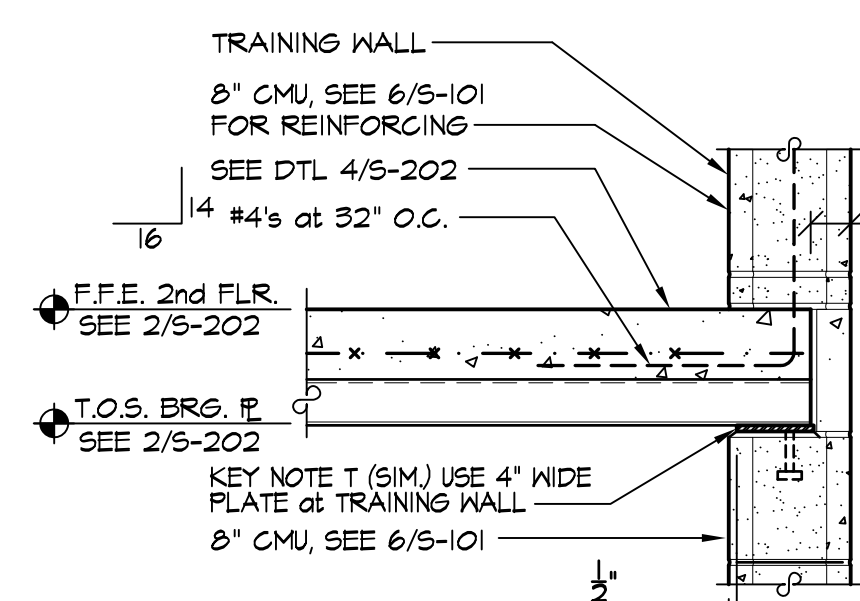


6 SECTION - SECOND FL. FRAMING
S-200 SCALE: 1" = 1'-0"

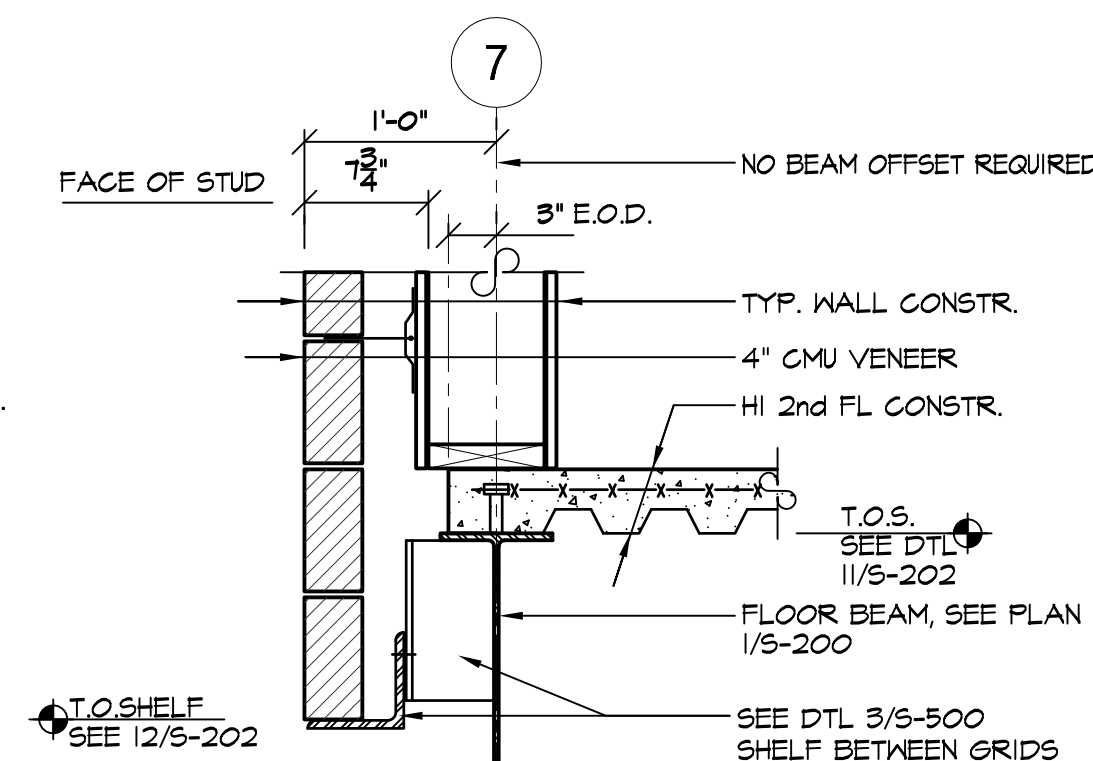
1 FRAMING PLAN - SECOND FLOOR
S-200 SCALE: 1/8" = 1'-0"



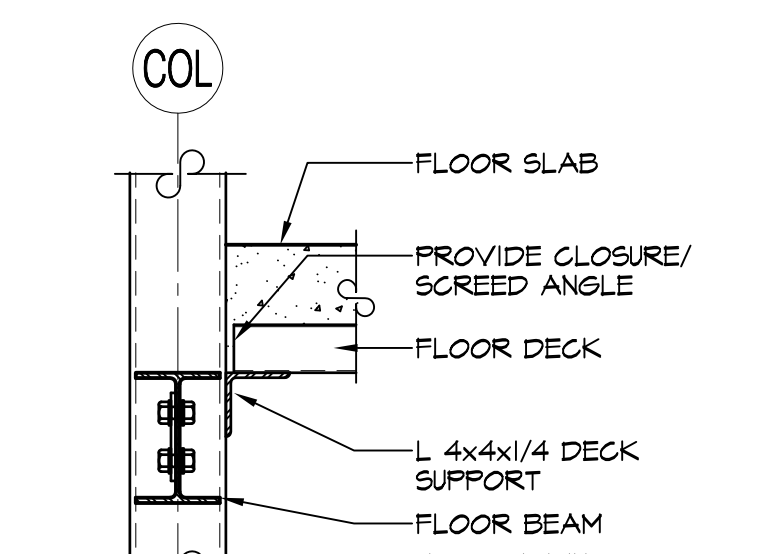
2 SECTION - ROPE TIE-OFF
S-200 SCALE: 1" = 1'-0"



3 SECTION - SECOND FLOOR
S-200 SCALE: 1" = 1'-0"



4 SECTION - HI SEC. FL. FRAMING
S-200 SCALE: 1" = 1'-0"



5 SECTION - DECK SUPPORT
S-200 SCALE: 1" = 1'-0"

GENERAL MASONRY REINFORCING NOTES:

- ALL VERTICAL REINFORCEMENT STARTS AT THE TOP OF THE FOUNDATION AND EXTENDS THROUGH THE BOND BEAM NEAR THE TOP OF THE WALL. LOCATE REINFORCING IN CENTER OF BLOCK U.O.N.
 - CELLS WITH VERTICAL OR HORIZONTAL REINFORCING SHOULD BE FULLY GROUTED.
 - PROVIDE (1) #6 VERTICAL BAR IN CORNERS (WITHIN 8" OF CORNER) OF BUILDING AND GROUT WALL SOLID FOR 32" Laterally FROM THE CORNER IN BOTH DIRECTIONS, U.O.N. SEE ALSO DETAIL 4/5-103.
 - PROVIDE VERTICAL REINFORCING (SEE DETAILS 1/5-103 AND 2/5-103) AT EACH SIDE OF DOOR AND WINDOW OPENINGS. JOINT REINFORCING SHOULD BE PROVIDED IN TWO COURSES ABOVE AND BELOW WINDOW OPENINGS, AND IN TWO COURSES ABOVE DOOR OPENINGS. EXTEND REINFORCING 24" PAST OPENING. REINFORCING IS NOT REQUIRED AROUND OPENINGS THAT DO NOT EXCEED 16" IN BOTH THE HORIZONTAL AND VERTICAL DIRECTIONS.
 - DEVELOPMENT LENGTHS: FOR #4 = 18 INCHES, #5 = 22.5 INCHES, #6 = 27 INCHES, #7 = 32 INCHES.
 - LAP LENGTHS: FOR #4 = 24 INCHES, #5 = 30 INCHES, #6 = 36 INCHES, #7 = 42 INCHES.
 - WHEN BENDING BARS BETWEEN CENTERS OF UNEQUAL BLOCK WALL THICKNESS, BEND SHOULD NOT EXCEED 180°.
 - CLEAR DISTANCE BETWEEN REINFORCING AND MASONRY UNITS SHOULD BE 1/2 INCHES (MIN.).
 - CLEAR DISTANCE BETWEEN REINFORCING BARS SHOULD BE THE GREATER OF 1" OR BAR DIAMETER.
- NOTES - HIGH SECOND FLOOR:
- HIGH SECOND FINISHED FLOOR = 110'-0" T.O.S. = 110'-4"
 - 1/2" DECK = 1 1/2" V.L. 18 GA. (GALV.) FLOOR DECK WITH 2 1/2", 3500 PSI CONCRETE TOPPING AND 6x6 W2.0 X W2.0 W.M. TOTAL SLAB THICKNESS = 4" (MAX. DECK SPAN = 10'-6" (3 SPAN CONTINUOUS)).
 - SEE LITTEL & HENDERSON SCHEDULE FOR LITTEL INFORMATION.
 - SHORE DECK DURING CONSTRUCTION FOR SPANS GREATER THAN 10'-6".
 - [] DENOTES THE NUMBER OF 3/4" X 3" SHEAR STUDS EQUALLY SPACED ALONG BEAM, TYP. U.O.N. SEE DETAIL 3/5-201
 - FLOOR LIVE LOAD = 100 PSF
- NOTES - SECOND FLOOR:
- SECOND FINISHED FLOOR = 110'-0" DECK BEARING = 104'-4 1/2"
 - 3" DECK - 3" V.L.P.A. 18 GAUSE (GALV.) COMPOSITE DECK W/ 3/4", 3500 PSI CONCRETE COVER W/ 6x6 W2.0 X W2.0 W.M. TOTAL SLAB THICKNESS = 4" (MAX. DECK SPAN = 10'-6" (3 SPAN CONTINUOUS)).
 - SEE LITTEL & HENDERSON SCHEDULE FOR LITTEL INFORMATION.
 - SHORE DECK DURING CONSTRUCTION FOR SPANS GREATER THAN 9'-0".
 - [] DENOTES THE NUMBER OF 3/4" X 6" SHEAR STUDS EQUALLY SPACED ALONG BEAM, TYP. U.O.N. SEE DETAIL 3/5-201
 - FLOOR LIVE LOAD = 100 PSF
 - FD - DENOTES FLOOR DRAIN

KEYED NOTES

- A 0" DOOR LINTEL TO BEAR ON MASONRY (8" BEARING). SEE DTL 8/5-105
- B PROVIDE SUPPORT AT COLUMN (OR BEAM) FOR LINTEL(S)
- C 7/8" X 6" X 10" BEARING PLATE W/ (2) MASONRY ANCHORS GROUT BELOW FOR 3 COURSES X 16" WIDE. SEE DTL 6B/5-103 FOR MORE INFO.
- D 12" CMU W/ #6 VERT. BARS AT 48" O.C. IN GROUTED CORES AND HORIZONTAL JOINT REINFORCING AT 16" O.C. VERTICALLY.
- E PILASTER W/ (4) - #6 VERT. BARS IN GROUTED CORES W/ #2 CLOSURE TIES AT 8" O.C. VERTICALLY.
- F END PLASTER W/ (4) - #1 VERTICAL BARS IN GROUTED CORES.
- G 3/8" X 5" X 8" BEARING PLATE W/ (2) MASONRY ANCHORS. GROUT BELOW FOR 2 COURSES X 16" WIDE
- H PROVIDE HANGER FOR LOW ROOF OR CANOPY ROOF BEAM. SEE DTL 10/5-100
- J HES 4x4 PARAFET POSTS AT 8'-11" O.C. (MAX). SEE DTL 1/5-500
- K PROVIDE DECK SUPPORT ON FACE OF COLUMN. SEE DETAIL 5/5-200
- L CUT CONTROL JOINT IN SLAB ABOVE WALL OR BEAM (THAT IS BELOW).
- M ROPE TIE OFF FRAME. SEE DETAIL 2/5-200
- N 8"x8"x8" ELEVATOR HOIST BEAM T.O.S. = 193'-4"
- P 1 6x4x3/8" CONTINUOUS LEDGER W/ 3/4" DIAM EXP BOLTS AT 16" O.C. (6 3/4" EMBED). DECK BEARS ON THIS LEDGER.
- Q 8" CMU W/ #5 VERTICAL BARS AT 40" O.C. IN GROUTED CORES AND HORIZONTAL JOINT REINFORCING AT 16" O.C. VERTICALLY.
- R 1 6x4x3/8" CONTINUOUS LEDGER W/ 3/4" DIAM EXP BOLTS AT 32" O.C. (6 3/4" EMBED). DECK SPANS IS PARALLEL TO THIS LEDGER.
- S 5/8" BENT PLATE CONT. SLAB EDGE MEMBER. SEE DETAIL 4/5-202
- T 1/4" X 5" CONTINUOUS BEARING PLATE (ATOP 8" CMU WALLS. SEE NOTE Q)
- U W/ MASONRY ANCHORS AT 32" O.C. SEE DETAILS TA AND TB/5-202
- V 5/8" X 6" X 9" BEARING PLATE W/ (2) MASONRY ANCHORS. GROUT BELOW FOR 3 COURSES X 16" WIDE. SEE DTL 6B/5-103 FOR MORE INFO.
- W 6" CANTILEVERS TO SUPPORT STAIR STRINGERS
- X FLOOR DECK TRANSITION - PROVIDE APPROPRIATE DECK CLOSURE PLATE.
- Y 3/8" X 6" X 8" BEARING PLATE W/ (2) MASONRY ANCHORS. GROUT BELOW FOR 2 COURSES X 16" WIDE. SEE DTL 6B/5-103 FOR MORE INFO.
- Z CONNECT (WELD) 5/16" BENT PLATE TO COLUMN
- SEE DING A-312 FOR PIPES ATTACHED TO MB'S THAT ALSO CONNECT TO STRINGERS. THESE PIPES ARE NOT STRUCTURAL HANGERS.