

HEADER SCHEDULE			
NAME	SIZE	END BOG.	REMARKS
HDR-1	(3.206)	(3.206)	or (2) 3.445 172.VL
HDR-2	(3.206)	(3.206)	or (2) 3.445 172.VL
HDR-3	(3.206)	(3.206)	or (2) 3.445 172.VL
HDR-4	(3.202)	(3.206)	or (2) 3.445 172.VL
HDR-5	5 10821 G.A.B.	(3.206)	or (2) 3.441 172.VL
HDR-6	(3.206)	(3.206)	or (2) 3.445 172.VL
HDR-7	(3.206)	(3.204)	or (2) 3.441 172.VL
HDR-8	(3.206)	(3.204)	or (2) 3.441 172.VL
HDR-9	(3.202)	(3.204)	or (2) 3.441 172.VL
HDR-10	3 10821 G.A.B.	(3.204)	or (2) 3.441 172.VL

1. GULFAN BEAMS SHALL BE COMBINATION SYMBOL 24F-V4 FOR REGULAR BEAM AND 24F-V8 FOR CANTILEVERED BEAM TYPICAL.
2. ALL GULFAN BEAMS TO BE ZERO CAMBER BEAMS UNO.
3. ALL MULTIMEMBER BEAMS & STUDS SHALL BE NAILED TOGETHER w/(2) ROWS 16d @ 6" O.C. BOTH SIDES TYPICAL.

ONE KING STUD FOR OPNG. 2'-0" TO 5'-0"  
TWO KING STUDS FOR OPNG. 5'-0" TO 10'-0"  
THREE KING STUDS FOR OPNG. 10'-0" TO 15'-0"  
FOUR KING STUDS FOR OPNG. 15'-0" TO 20'-0"

### TYPICAL FLOOR DECK

3/4" PLD./OBS SHEATHING, SPAN RATING 40/20  
SEE GENERAL STRUCTURAL NOTES-TYPICAL  
GLUE AND NAIL TO ALL JOISTS  
8d @ 6" O.C. AT ALL PANEL EDGES, SUPPORTED  
EDGES, AND ALL TOP OF SHEAR WALLS  
8d @ 12" O.C. AT ALL PANEL FIELD  
PLACE SHEATHING LONG-WISE ACROSS FRAMING,  
STAGGER END JOINTS, UNBLOCKED DIAPHRAGM,

FLOOR FRAMING PLAN NOTES:

1. SEE GENERAL STRUCTURAL NOTES AND STANDARD FRAMING DETAILS FOR:
  - A. GENERAL STRUCTURAL NOTES
  - B. TYPICAL BRIDGE WALK DETAIL
  - C. TYPICAL FLOOR WALK DETAIL
  - D. TYPICAL TOP PLATE SPICE DETAIL
2. HDR-1: HEADER SEE HEADER SCHEDULE TYPICAL.
3. ALL FLOOR MEMBERS ARE TO BE  $11 \frac{1}{2} \times 11 \times 210$  TYPICAL, UNO.
4. ESTABLISH AND VERIFY ALL OPENINGS 4 IN MEMBERS FOR MECHANICAL AND ELECTRICAL PLUMBING WITH THE APPROPRIATE TRADES DRAININGS AND SUBCONTRACTORS PRIOR TO CONSTRUCTION.
5. HANGING CEILING, DUCTWORK OR OTHER ITEMS FROM THE FLYWOOD DECK IS NOT ALLOWED.
6. PROVIDE JOIST BRIDGING AS PER MANUFACTURER'S SPECIFICATION.
7. PROVIDE SOLID BLOCKING AT JOIST BEARING TYPICAL.
8. PROVIDE 1/8" GAP ON WALL SHEATHING FLUID OR FELLOW MANUFACTURER'S SPECIFICATION.
9. SEE FLOOR FOR WALL STUDS TO WOOD BEAM/HEADER CONNECTION TYPICAL UNO.
10. "1" -  $\mu$  INDICATES MOMENT CONN. TYP. UNO.
11. SHEAR WALLS SHOWN ARE BELOW FRAMING BEARING SHOWN ARE ABOVE FRAMING BEARING. COORDINATE WITH FRAMING PLANS.

### SCHEDULE FOR SIMPSON HANGERS ON

	TOP POINT HANGERS	FACE POINT HANGERS
12 1/2" T-J	U5	
9 1/2" T-J SERIES	U5	
DEL. 9 1/2" T-J	MT	
11 7/8" T-J	MT	U6
DEL. 11 7/8" T-J	MT	U6
3 1/2" LVL OF 9FL	U4	U4
3 1/2" LVL OF 9FL	U4	U4
1x LVL OF 9FL	GLTY	U4/H4
2x LVL OF 9FL	GLTY	U4/H4
3 1/8" GLB	GLST	H4/5
3 1/8" GLB	GLST	
6 3/4" GLB	GLST	
6 3/4" GLB	GLST	
2x JOIST5	H4/5T	
2x JOIST5	H4/5-T	U5
(2X)	U5-3TF	U5
(3X)	H4/5-3TF	U5

NOTE: ALL INFORMATION HERE WAS PROVIDED BY THE GENERAL CONTRACTOR OR MEASURED BY THE ENGINEER. IF DURING CONSTRUCTION THE GENERAL CONTRACTORS FIND ANY DIFFERENCES OF THERE CALL OUT ON PLANS FROM THE ACTUAL CONDITIONS, PLEASE INFORM ENGINEERS FOR RE-CHECK OR RE-DESIGN TYP. UNO.

FOUNDATION PLAN NOTES:

1. SEE GENERAL STRUCTURAL NOTE SHEET FOR STANDARD CONCRETE DETAIL SHEET FOR  
A. TYPICAL STRUCTURAL NOTES  
B. TYPICAL EXCAVATION ADJACENT TO FOOTING  
C. TYPICAL SLAB JOINT DETAILS  
D. TYPICAL STEPPED FOOTING
2. US - DENOTES CONCRETE FULL GTER  
F-I - DENOTES FOOTING MARK - SEE FOOTING SCHEDULE
3. KCJ - DENOTES KEPTED CONSTR JOINT - SEE DETAIL TYPICAL
4. C - DENOTES CONTROL JOINT - SEE STANDARD DETAIL
5. F-I - DENOTES FOOTING STEPS - SEE DETAIL TYPICAL
6. CONTRACTOR TO VERIFY ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO CONSTRUCTION. SEE ARCHITECTURAL FOR ALL DIMENSIONS, SLAB THICKNESSES & DIMENSIONS NOT NOTED.
8. ALL SLABS ON GRADE ARE TO BE JOINTED AT NO MORE THAN 16'-0" EACH WAY USING JOINTS PER STANDARD DETAIL. IN ADDITION NO SECTION OF CONCRETE SHALL HAVE AN ASPECT RATIO OF GREATER THAN 12:1.
9. ALL SLABS ARE TO BE DISCONTINUED AT JOINT LOCATIONS. ALL COLUMN BASES/JOINT CORNERS ARE TO BE INTERSECTED BY A SLAB JOINT OR REINFORCED WITH SLAB BARS PER ABOVE. SLAB/JT COMPLETE JOINT LAYOUT PLAN TO THE ARCHITECT FOR PRIOR REVIEW.
9. ALL WOOD TO CONTACT W/ CONC. OR MASONRY TO BE 1" OR REDUCED TYP. MASONRY TO BE 1" OR REDUCED TYP.
10. USE A MIN. 3x3x4 PL. ANCHORS 20:1 TO

### CONCRETE POUR NOTES:

1. VERIFY FIG. STEP LOCATIONS AND HEIGHT IN FIELD PRIOR TO FORMING FOOTINGS. MAKE FIG REBAR CONTINUOUS THROUGH FLOORS WITH BENT BARS AT CORNERS.
2. DO NOT FOUR ANY CONCRETE UNTIL THE FORMS ARE ADEQUATELY BOLSTERED AND SUPPORTED AND ALL REBAR IS IN PLACE AND SECURED.
3. DO NOT PERMIT FIN. GRADE TO COME CLOSER THAN 6" TO TOP OF CONCRETE.
4. FOR FOUNDATIONS REBAR INSPECTIONS FOR FOUNDATION WALLS OVER 8'-0" FORMS ARE NOT TO BE INSTALLED ON ONE SIDE UNTIL AFTER THE REBAR HAS BEEN INSPECTED AND APPROVED.
5. PROVIDE A U-TIE GROUND THROUGH CONSTRUCTION OF FOOTING & FOUNDATION.
6. ALL FASSEMBLER, THE NUTS, SCREWS, ANCHOR BOLTS, ETC.) WHICH ARE USED TO ASSEMBLE THE PRECAST CONCRETE SHOULD BE HOT-DIPPED IN STEEL, STAINLESS STEEL, SILICON BRONZE OR COPPERMETEET THE REQUIREMENTS OF IBC 2504.9.5).
7. ALL U-TIE ANGLES FOR SUPPORTING KNEEBERS ARE HOT-DIPPED GALVANIZED.

4" CONCRETE FLOOR SLAB w/  
#4 @ 18" O.C. E.W. OVER  
4" AGGREGATE BASE COURSE  
(ABC.) TYPICAL UNO.

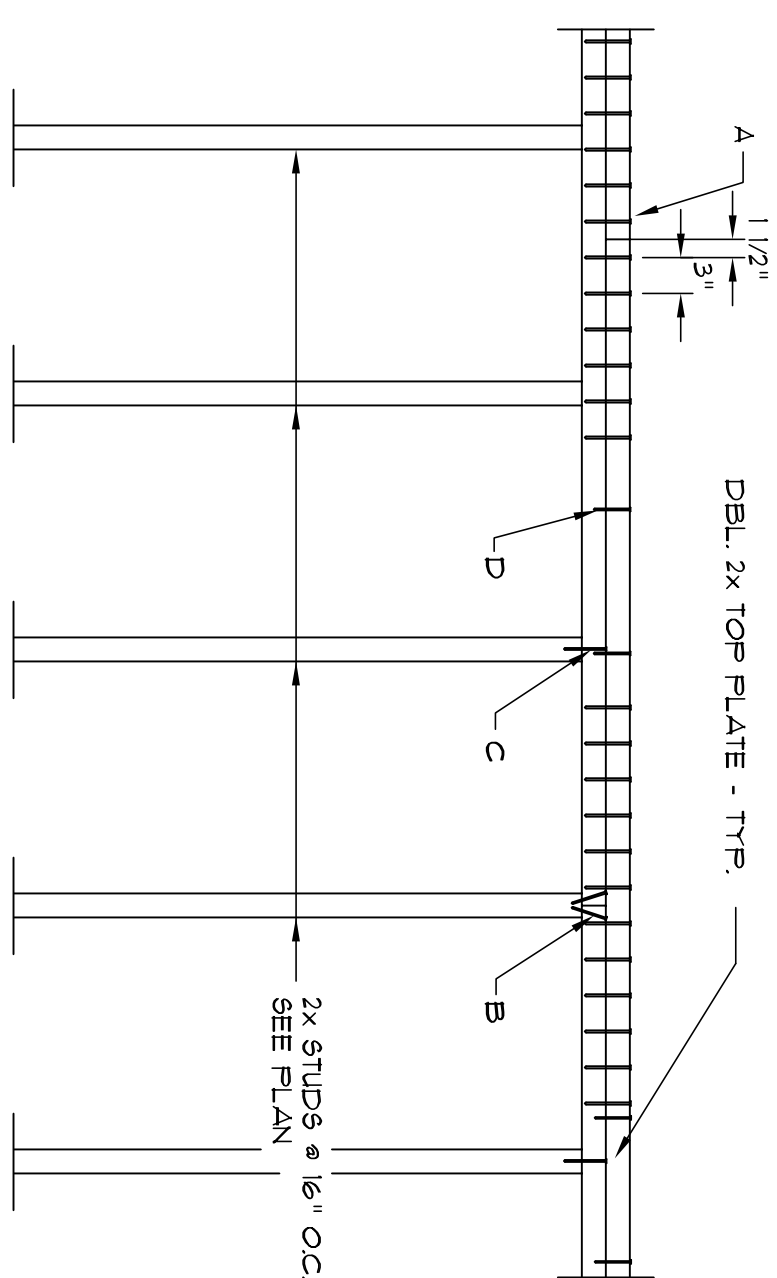
EXOXY BOLTS CALLED OUT ON PLAN ARE SIMPSON  
"SET" FOR CON APPLICATION (ICC ESR112) &  
HILT HIT 500-SD EXOXY BOLTS FOR CONC.  
APPLICATIONS (ICC E6 EBR 322).  
THE INSTALL REQUIREMENT FOR ANCHOR BOLTS  
AND/OR REBAR DOUELS ARE AS FOLLOVED:  
DATE/REDRILL DIAMETER/ DEPT/REDC DRILLING DIST.

	WOOD STUD WALL SCHEDULE					
MARK	TYPE		HEIGHT			
NON-BEARING INTERIOR WALLS	2x4 DPT 16'-0"	2x6 DPT 16'-0"	2x8 DPT 16'-0"	1'3x4S 1/2" LVL#12 OC	1'3x4S 1/2" LVL#12 OC	2x8DPT 1'3x4T 1/4" LVL#16 OC
BEARING EXTERIOR WALLS	16'-0"	2x4'-0"	--	--	--	--
NON-BEARING EXTERIOR WALLS	12'-0"	16'-0"	18'-0"	18'-0"	18'-0"	25'-0"
BEARING EXTERIOR WALLS	8'-0"	12'-0"	16'-0"	18'-0"	21'-0"	18'-0"

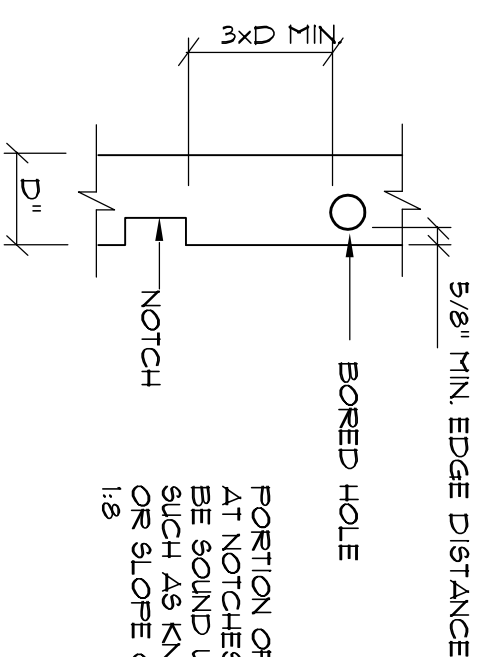
#### 4 TYPICAL TOP PLATE SPLICE

NAILING SCHEDULE	
MARK	DESCRIPTION
A	2x4 & 6d NAIL 5 AT 30C..
B	2 - 16d NAILS AT THE END OF EACH PLATE (TOP OR BOTTOM) 4 - TOTAL.
C	2 - 6d NAIL AT EACH STUD.
D	NAIL TOP AND BOTTOM PLATES TOGETHER WITH 2 - 16d NAILS AT 16 O.C. TYPICAL.

THE TOP PL'S. HAVE TO BE INSTALLED CONTINUOUSLY. IF THEY ARE DIS-CONTINUED BY STEEL COLUMNS, PIPES ETC., INSTALL C516x24 (MIN/12" FROM EA. SIDE) TO TOP PLATE TYP. UNO.



WOOD STUD SIZE	BEARING		NON-BEARING	
	MAX. HOLE (40%)	MAX. HOLE (75%)	MAX. HOLE (60%)	MAX. HOLE (40%)
2x4	1 3/8"	7/8"	2 1/8"	1 3/8"
2x6	2 3/16"	1 3/8"	3 5/16"	2 3/16"



PORTION OF STUD REMAINING  
AT NOTCHES & HOLES SHALL  
BE SOUND WITHOUT WEAKNESSES  
SUCH AS KNOTS, BREAKS, SPLITS  
OR SLOPE OF GRAIN EXCEEDING  
1:8

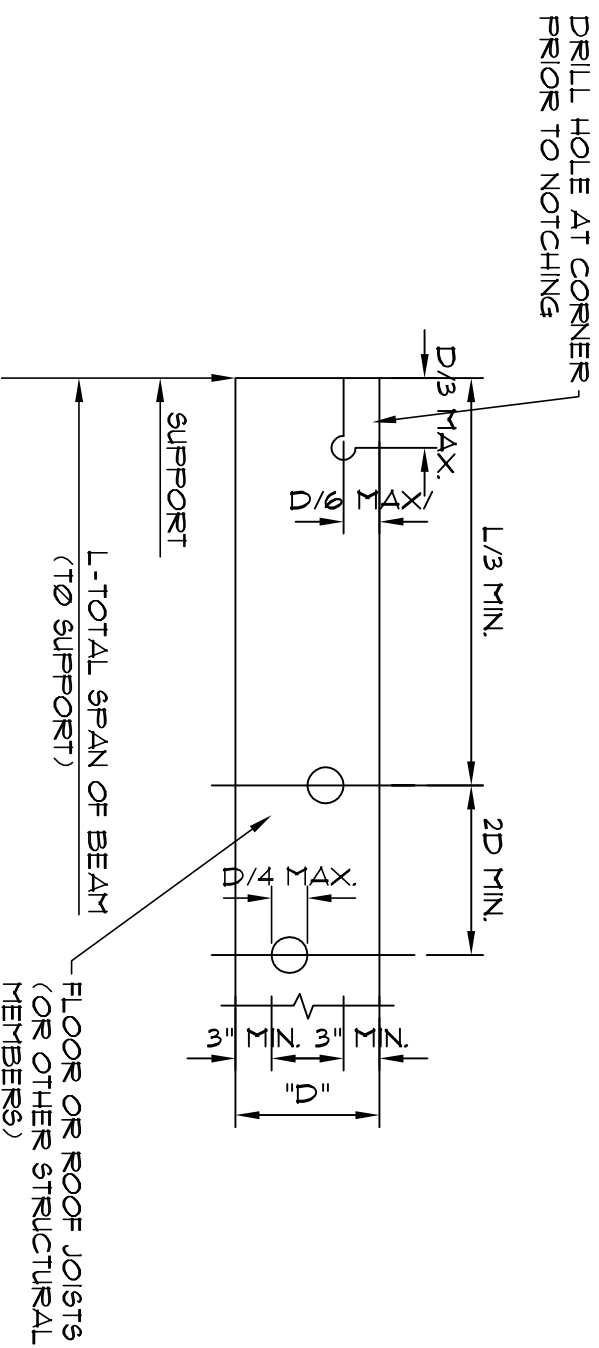


LYL NAILING/BOLTING SCHEDULE

- ALL NAG AND BOLTS #2, FROM 1<sup>st</sup>
- (2) 3/4"x5 1/2" NAG, (2)led 3" OC, 1<sup>st</sup>
- (2) 3/4"x4 1/2" NAG, (3)led 6" OC, 2<sup>nd</sup> OC
- (2) 3/4"x4 1/2" NAG, (4)led 6" OC, 3<sup>rd</sup> OC
- (2) 3/4"x4 1/2" NAG, (4)led 6" OC, 4<sup>th</sup> OC
- (2) 3/4"x4 1/2" NAG, (6)led 6" OC, 5<sup>th</sup> OC
- (2) 3/4"x4 1/2" NAG, (7)led 6" OC, 6<sup>th</sup> OC
- (3) 3/4"x5 1/2" NAG, (2)led 6" OC, E5
- (3) 3/4"x4 1/2" NAG, (3)led 6" OC, E6
- (3) 3/4"x4 1/2" NAG, (4)led 6" OC, E7
- (3) 3/4"x4 1/2" NAG, (4)led 6" OC, E8
- (3) 3/4"x4 1/2" NAG, (4)led 6" OC, E9
- (3) 3/4"x4 1/2" NAG, (7)led 6" OC, E10
- (4) 3/4"x4 1/2" NAG, (7)3/4" x 4" LAG BOLTS
- (4) 3/4"x4 1/2" NAG, (3)3/4" x 4" LAG BOLTS
- (4) 3/4"x4 1/2" NAG, (3)3/4" x 4" LAG BOLTS
- (4) 3/4"x4 1/2" NAG, (3)3/4" x 4" LAG BOLTS
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- (5) 3/4"x4 1/2" NAG, (6)3/4" x 4" LAG BOLTS

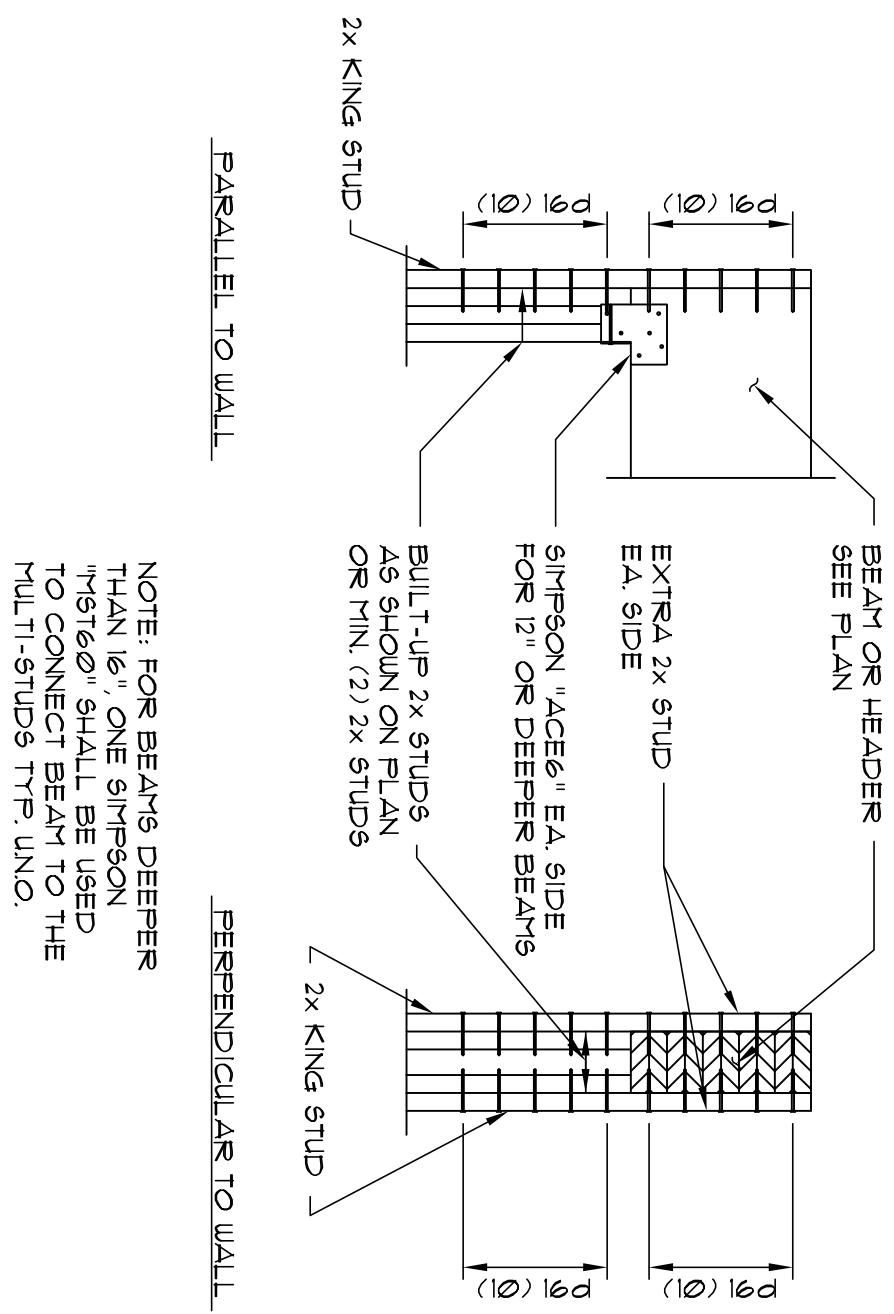
## 2

## TYPE HOLES AND NOTCHING IN BEAMS



NOTE: NOTCHES AND DRILLED HOLES AS SHOWN ABOVE MAY BE USED ONLY WITH THE APPROVAL OF THE STRUCTURAL ENGINEER

## TYPICAL WOOD HEADER OR BEAM TO MULTI-STUDS CONNECTION



### 3 TYPICAL WALL INTERSECTION FRAMING

