

TABLE S102.7 - HEADER SPANS FOR INTERIOR LOAD-BEARING WALLS

HEADERS SUPPORTING	SIZE	DROPPED HEADER			RAISED HEADER		
		BUILDING WIDTH (FT.)			BUILDING WIDTH (FT.)		
		12	24	36	12	24	36
ONE FLOOR ONLY (CENTER BEARING WALL)	(2) 2x4	4'-0"	2'-10"	2'-4"	4'-1"	2'-10"	2'-4"
	(2) 2x6	5'-11"	4'-5"	3'-5"	6'-1"	4'-4"	3'-6"
	(2) 2x8	7'-1"	5'-2"	4'-4"	7'-9"	5'-5"	4'-5"
	(2) 2x10	7'-11"	6'-0"	5'-0"	9'-2"	6'-6"	5'-3"
	(2) 2x12	8'-6"	6'-7"	5'-7"	10'-9"	7'-7"	6'-3"
	(3) 2x8	8'-5"	6'-4"	5'-3"	9'-8"	6'-10"	5'-7"
	(3) 2x10	9'-3"	7'-11"	6'-10"	11'-5"	8'-1"	6'-7"
	(3) 2x12	9'-11"	7'-8"	6'-7"	13'-6"	9'-6"	7'-9"
	(4) 2x8	9'-5"	7'-2"	6'-0"	11'-2"	7'-11"	6'-5"
	(4) 2x10	10'-3"	7'-11"	6'-9"	13'-3"	9'-4"	7'-8"
(4) 2x12	11'-0"	8'-7"	7'-4"	15'-7"	11'-0"	9'-0"	

TABLE S102.8 - HEADER SPANS FOR EXTERIOR LOAD-BEARING WALLS RESISTING WIND LOADS EXP "C"

SIZE	120 MPH	130 MPH	140 MPH	150 MPH	160 MPH	170 MPH	180 MPH	195 MPH
(2) 2x4	5'-1"	4'-8"	4'-4"	4'-1"	3'-10"	3'-7"	3'-5"	3'-2"
(2) 2x6	6'-3"	5'-9"	5'-4"	5'-0"	4'-8"	4'-5"	4'-2"	3'-10"
(2) 2x8	6'-10"	6'-4"	5'-11"	5'-6"	5'-2"	4'-10"	4'-7"	4'-3"
(2) 2x10	7'-4"	6'-10"	6'-4"	5'-11"	5'-6"	5'-2"	4'-11"	4'-6"
(2) 2x12	7'-10"	7'-8"	6'-9"	6'-3"	5'-11"	5'-7"	5'-3"	4'-10"
(3) 2x8	8'-5"	7'-9"	7'-2"	6'-9"	5'-11"	5'-7"	5'-2"	4'-9"
(3) 2x10	9'-0"	8'-4"	7'-9"	7'-3"	6'-9"	6'-4"	6'-0"	5'-7"
(3) 2x12	9'-7"	8'-11"	8'-3"	7'-8"	7'-3"	6'-10"	6'-5"	5'-11"
(4) 2x8	9'-8"	9'-0"	8'-4"	7'-9"	7'-3"	6'-10"	6'-6"	6'-0"
(4) 2x10	10'-5"	9'-7"	8'-11"	8'-4"	7'-10"	7'-4"	6'-11"	6'-5"
(4) 2x12	11'-7"	11'-1"	10'-3"	9'-6"	8'-11"	8'-4"	7'-10"	6'-10"

TABLE S102.9 - SILL OR BOTTOM PLATE TO FOUNDATION CONNECTIONS RESISTING UPLIFT LOADS - 110 MPH WIND EXP "C"

BOTTOM PLATE TO FOUNDATION ANCHOR BOLT CONNECTION RESISTING UPLIFT LOADS	FOUNDATION SUPPORTING	MAXIMUM ANCHOR BOLT SPACING (INCHES)	
		8" END ZONES	INTERIOR ZONES
1-3 STORES	50 INCHES ON CENTER	50 INCHES ON CENTER	
		50 INCHES ON CENTER	

NOTE: A MINIMUM OF ONE ANCHOR BOLT SHALL BE PROVIDED WITHIN 6 TO 12 INCHES OF EACH END OF EACH PLATE

TABLE S102.10 - BOTTOM PLATE TO FOUNDATION CONNECTIONS (ANCHOR BOLTS) RESISTING LATERAL & SHEAR LOADS - EXP "C"

BOTTOM PLATE TO FOUNDATION ANCHOR BOLT CONNECTION RESISTING UPLIFT LOADS	FOUNDATION SUPPORTING	MAXIMUM ANCHOR BOLT SPACING (INCHES)	
		1/2" Ø ANCHOR BOLTS	5/8" Ø ANCHOR BOLTS
1 STORY	48 INCHES ON CENTER	48 INCHES ON CENTER	
		48 INCHES ON CENTER	

TABLE S102.11 - FULL HEIGHT STUD REQUIREMENT FOR HEADERS OR WINDOW SILL PLATES IN EXTERIOR WALLS EXP "C"

HEADER SPAN (FEET)	WALL STUD SPACING (INCHES)		
	12" O.C.	16" O.C.	24" O.C.
2	1	1	1
4	2	2	1
6	3	3	2
8	4	3	2
10	5	4	3
12	6	5	3
14	7	6	4
16	8	6	4

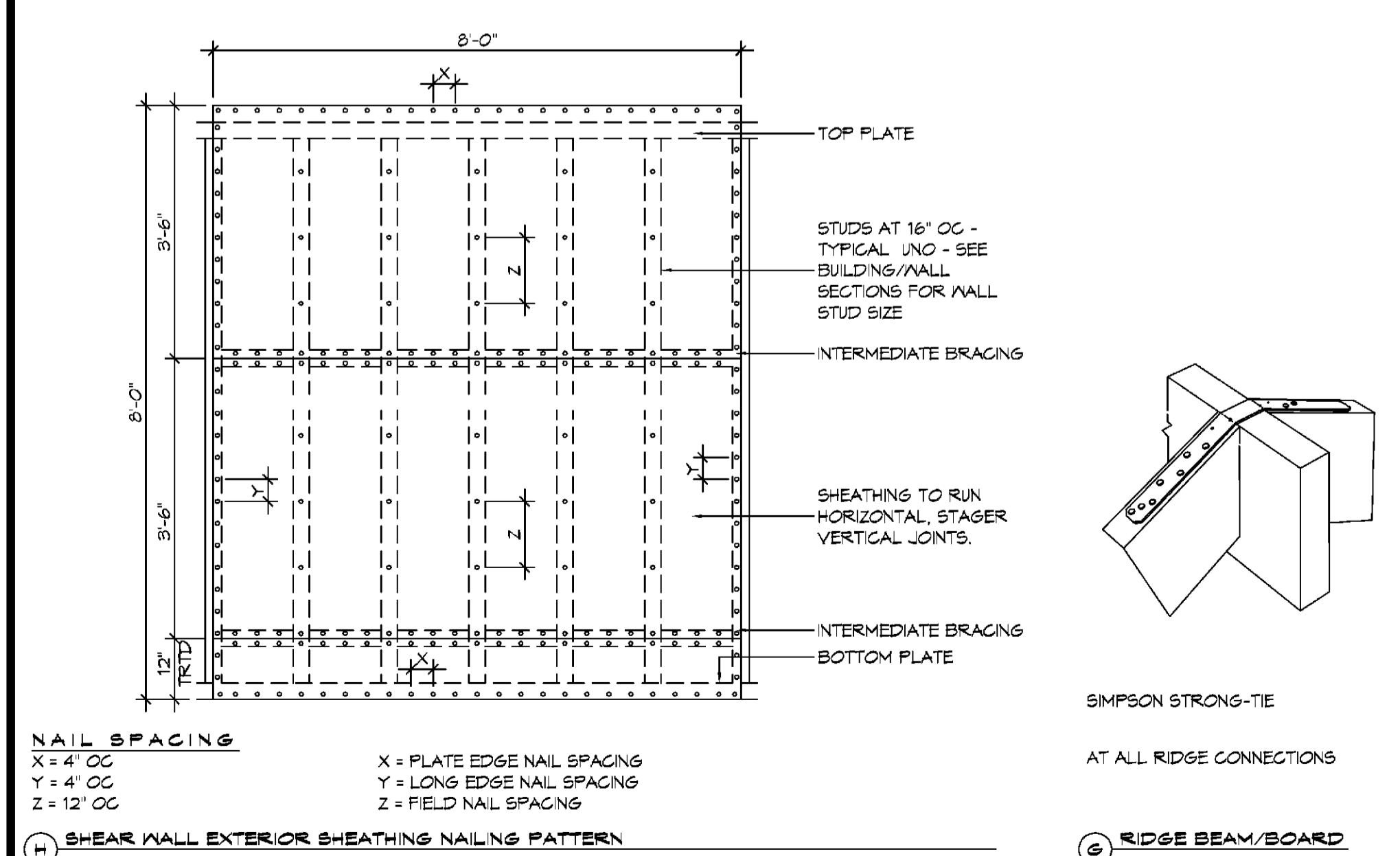


TABLE S102.5 - JACK STUD REQ - INT LOADBEARING WALLS

HEADER SUPPORTING	HEADER SPAN (FT)	ROOF SPAN (FEET)											
		12 FEET				24 FEET				36 FEET			
		3'	4.5'	5'	6'	3'	4.5'	5'	6'	3'	4.5'	5'	6'
ONE FLOOR ONLY (CENTER BEARING)	2	1	1	1	1	1	1	1	1	1	1	1	1
	4	1	1	1	1	1	1	1	1	1	1	1	1
	6	1	1	1	1	1	1	1	1	2	1	1	1
	8	1	1	1	1	2	1	1	1	2	2	2	1
	10	1	1	1	1	2	2	1	1	3	2	2	2
	12	1	1	1	1	2	2	2	2	3	2	2	2
	14	2	1	1	1	3	2	2	2	4	3	3	2
	16	2	1	1	1	3	2	2	2	4	3	3	2
	18	2	1	1	1	3	2	2	2	4	3	3	2
	20	2	2	2	2	4	3	3	2	6	4	4	3
TWO FLOORS (CENTER BEARING)	2	1	1	1	1	1	1	1	1	1	1	1	1
	4	1	1	1	1	1	1	1	1	1	1	1	1
	6	2	1	1	1	2	1	1	1	2	2	2	2
	8	2	1	1	1	2	2	1	1	3	2	2	2
	10	2	2	2	2	3	2	2	2	4	3	3	2
	12	3	2	2	2	4	3	3	2	5	4	4	3
	14	3	2	2	2	4	3	3	2	5	4	4	3
	16	4	3	2	2	5	4	4	3	6	5	5	4
	18	4	3	2	2	5	4	4	3	6	5	5	4
	20	4	3	2	2	5	4	4	3	6	5	5	4

TABLE S102.6 - JACK STUD REQ - EXTERIOR LOADBEARING WALLS

HEADER SUPPORTING	HEADER SPAN (FT)	ROOF LIVE LOAD 20 PSF				GROUND SNOW LOAD 30 PSF			
		3'	4.5'	5'	6'	3'	4.5'	5'	6'
ROOF AND CEILING	2	1	1	1	1	1	1	1	1
	4	1	1	1	1	1	1	1	1
	6	2	1	1	1	2	1	1	1
	8	2	2	2	2	2	2	2	2
	10	3	2	2	2	3	2	2	2
	12	3	2	2	2	3	2	2	2
	14	4	3	2	2	4	3	2	2
	16	4	3	2	2	4	3	2	2
	18	5	4	3	2	5	4	3	2
	20	5	4	3	2	5	4	3	2
ROOF, CEILING, AND ONE CENTER BEARING FLOOR	2	1	1	1	1	1	1	1	1
	4	1	1	1	1	2	1	1	1
	6	2	2	2	2	2	2	2	2
	8	3	2	2	2	3	2	2	2
	10	4	3	2	2	4	3	2	2
	12	4	3	2	2	4	3	2	2
	14	5	4	3	2	5	4	3	2
	16	5	4	3	2	5	4	3	2
	18	6	4	3	2	6	4	3	2
	20	6	4	3	2	6	4	3	2

HEADER WIDTH - 3" (2-2x), 4.5" (3-2x), 5", 6.5" (4-2x) EACH W/ 1/2" PLYWOOD SPACER BETWEEN

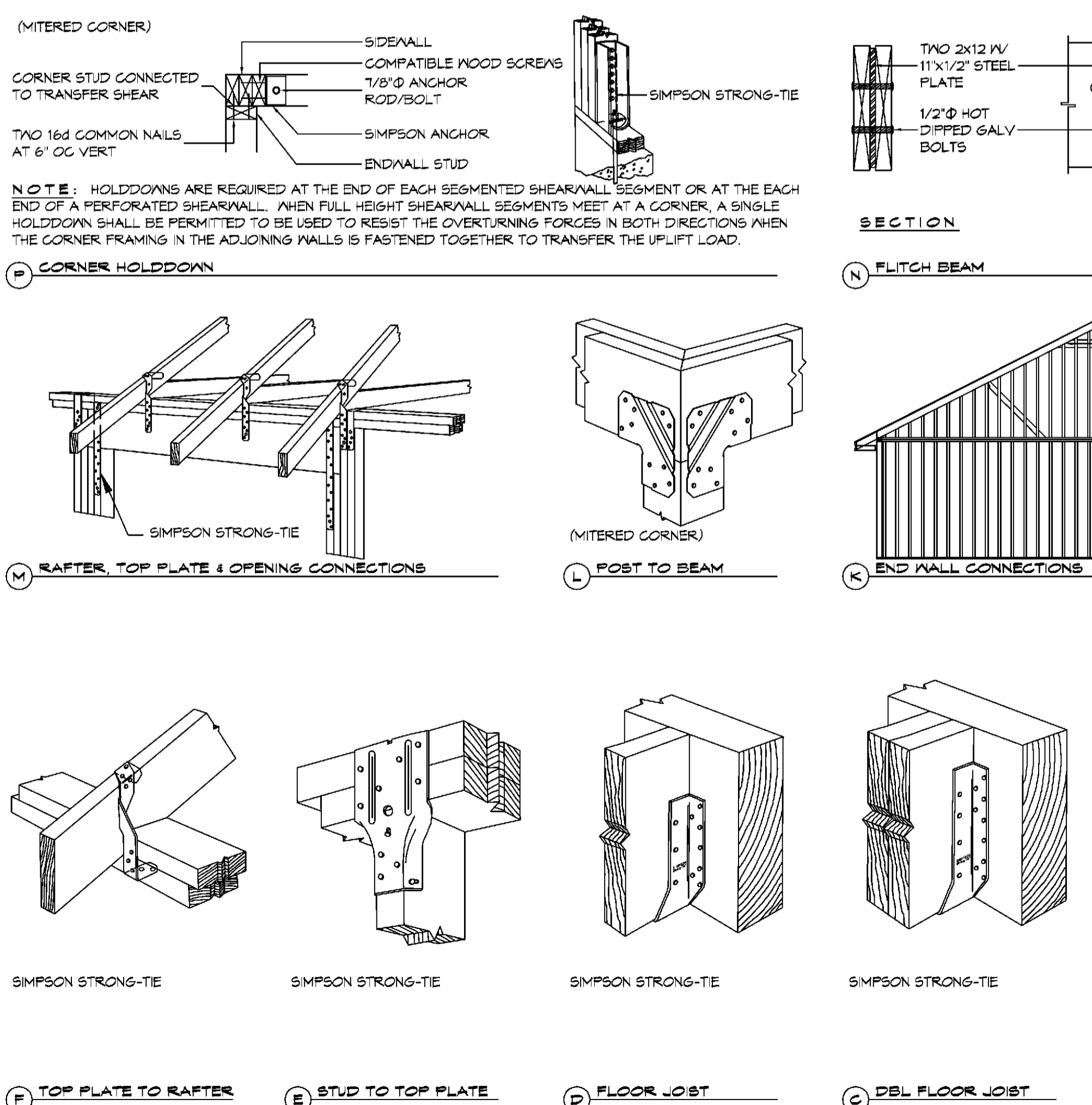


TABLE S102.3 - NAILING SCHEDULE

DESCRIPTION	NUMBER OF COMMON NAILS	NUMBER OF BOX NAILS	SPACING
TOP PLATE TO TOP PLATE (FACE NAILED)	2-16d	2-16d	PER FOOT
TOP PLATE AT INTERSECTION (FACE)	4-16d	5-16d	JOINTS - EACH SIDE
STUD TO STUD (FACE-NAILED)	2-16d	2-16d	24" O.C.
HEADER TO HEADER (FACE NAILED)	16d	16d	16" O.C. EDGES
TOP OR BOTTOM PLATE TO STUD (END)	SEE TABLE	SEE TABLE	PER STUD
BOTTOM PLATE TO FLOOR JOIST, BANDJOIST, END JOIST OR BLOCKING	2-16d	2-16d	PER FOOT
ROOF SHEATHING			
WOOD STRUCTURAL PANELS	8d	10d	SEE TABLE S102.1
DIAGONAL BOARD SHEATHING			
1"x6" or 1"x8"	2-8d	2-10d	PER SUPPORT
1"x10" OR WIDER	3-8d	3-10d	PER SUPPORT

TABLE S102.4 - BUILDING ENVELOPE REQUIREMENTS

ROOFS	OPAQUE ELEMENTS		INSULATION MIN. R-VALUE
	INSULATION ENTIRELY ABOVE DECK	ASSEMBLY MAXIMUM	
ROOFS	METAL BUILDING	U-0.065	R-19
	ATTIC AND OTHER	U-0.027	R-38
	MASS	U-0.151 @	R-5.7 c.i. @
WALLS, ABOVE GRADE	METAL BUILDING	U-0.113	R-13.0
	STEEL-FRAMED	U-0.124	R-13.0
	WOOD-FRAMED AND OTHER	U-0.089	R-13.0
FLOORS	MASS	U-0.107	R-6.3 c.i.
	STEEL JOIST	U-0.052	R-14.0
	WOOD FRAMED AND OTHER	U-0.051	R-14.0
SLAB-ON-GRADE DOORS	UN-HEATED	F-0.130	NR
	SWINGING	U-0.100	NR
	NON-SWINGING	U-1.450	NR

c.i. = CONTINUOUS INSULATION; NR = NO INSULATION REQUIREMENT
 @ = EXCEPTION APPLIES

ROOF UNDERLAYMENT NOTES

- FOR ROOF SLOPES FROM TWO UNITS VERTICAL IN 12 UNITS HORIZONTAL (17-PERCENT SLOPE) UP TO FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL (33-PERCENT SLOPE) UNDERLAYMENT SHALL BE TWO LAYERS APPLIED IN THE FOLLOWING MANNER:
 - APPLY A 1/4 INCH STRIP OF UNDERLAYMENT FELT PARALLEL WITH AND STARTING AT THE EAVES, FASTENED SUFFICIENTLY TO HOLD IN PLACE. STARTING AT THE EAVE, APPLY 36 INCH WIDE SHEETS OF UNDERLAYMENT, OVERLAPPING SUCCESSIVE SHEETS 14 INCHES, AND FASTENED SUFFICIENTLY TO HOLD IN PLACE.
- FOR ROOF SLOPES OF FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL (33-PERCENT SLOPE) OR GREATER, UNDERLAYMENT SHALL BE ONE LAYER APPLIED IN THE FOLLOWING MANNER:
 - UNDERLAYMENT SHALL BE APPLIED SINGLE FASHION, PARALLEL TO AND STARTING FROM THE EAVE AND LAPPED 2 INCHES, FASTENED SUFFICIENTLY TO HOLD IN PLACE. END LAPS SHALL BE OFFSET BY 6 FEET.

SHINGLE APPLICATION & FASTENING NOTES

- ASPHALT STRIP SHINGLES SHALL HAVE A MINIMUM OF SIX FASTENERS PER SHINGLE WHERE THE ROOF IS IN ONE OF THE FOLLOWING CATEGORIES:
 - THE BASIC WIND SPEED IS 110 MPH OR GREATER AND THE EAVE IS 20 FEET OR HIGHER ABOVE GRADE.
 - THE BASIC WIND SPEED IS 120 MPH OR GREATER.
 - SPECIAL WIND ZONES.

GENERAL UPLIFT CONNECTION NOTES

ROOF ASSEMBLY TO WALL ASSEMBLY:
 UPLIFT CONNECTIONS SHALL BE FROM RAFTER OR TRUSS TO WALL STUD. WHEN RAFTERS OR TRUSSES ARE NOT LOCATED DIRECTLY ABOVE STUDS, RAFTERS SHALL BE ATTACHED TO THE WALL PLATE AND THE WALL TOP PLATE SHALL BE ATTACHED TO THE WALL STUD WITH UPLIFT CONNECTIONS. UPLIFT CONNECTIONS SHALL BE IN ACCORDANCE WITH TABLE S102.10.

WALL ASSEMBLY TO WALL ASSEMBLY:
 STORY TO STORY UPLIFT CONNECTIONS FROM UPPER STORY WALL STUD TO LOWER STORY WALL STUD. WHEN UPPER STORY WALL STUDS ARE NOT LOCATED DIRECTLY ABOVE LOWER WALL STUDS, THE STUDS SHALL BE ATTACHED TO A COMMON MEMBER IN THE FLOOR ASSEMBLY BY UPLIFT CONNECTIONS. UPLIFT CONNECTIONS SHALL BE IN ACCORDANCE WITH TABLE S102.11.

WALL ASSEMBLY TO FOUNDATION:
 FIRST FLOOR WALL STUDS SHALL BE CONNECTED TO THE FOUNDATION, SILL, PLATE, OR BOTTOM PLATE. A MINIMUM OF A 1-1/4" x 20 GA. ASTM A653 GRADE 88 STEEL STRIP SHALL BE NAILED TO THE WALL STUDS AND HAVE A MINIMUM EMBEDMENT OF 1 INCHES IN CONCRETE FOUNDATIONS AND SLABS-ON-GRADE. 15 INCHES IN MASONRY BLOCK FOUNDATIONS, OR BE LAPPED UNDER THE BOTTOM PLATE. 3 INCH SQUARE WASHERS SHALL BE USED ON THE ANCHOR BOLTS AND ANCHOR BOLT SPACINGS SHALL NOT EXCEED THE REQUIREMENTS. STEEL STRAPS EMBEDDED IN OR IN CONTACT WITH SLAB-ON-GRADE OR MASONRY BLOCK FOUNDATIONS SHALL BE HOT-DIPPED GALV. AFTER FABRICATION, OR MANUF. FROM S185 OR Z450 GALV. STL. CONNECTIONS SHALL BE IN ACCORDANCE WITH TABLE S102.12.

TABLE S102.1 - ROOF SHEATHING OR CLADDING REQUIREMENT - 130 MPH WIND LOAD EXP "C"

SHEATHING LOCATION	RAFTER / TRUSS SPACING	E F	
		MAX NAIL SPACING FOR 8d COMMON NAILS OR 10d BOX NAILS (INCHES O.C.)	
INTERIOR ZONE	12" O.C.	6	12
	16" O.C.	6	12
	24" O.C.	6	12
PERIMETER EDGE ZONE	16" O.C.	6	12
	24" O.C.	6	6

110 MPH WIND - EXPOSURE 'C' TYPICAL
 E = NAIL SPACING AT PANEL EDGES, INCHES.
 F = NAIL SPACING AT INTERMEDIATE SUPPORTS IN THE PANEL FIELD, INCHES.

TABLE S102.2 - WALL SHEATHING OR CLADDING REQUIREMENT - 130 MPH WIND LOAD EXP "C"

SHEATHING LOCATION	STUD SPACING	E F	
		MAX NAIL SPACING FOR 8d COMMON NAILS OR 10d BOX NAILS (INCHES O.C.)	
INTERIOR ZONE	12" O.C.	6	12
	16" O.C.	6	12
	24" O.C.	6	12
PERIMETER EDGE ZONE	16" O.C.	6	12
	24" O.C.	6	12

110 MPH WIND - EXPOSURE 'C' TYPICAL
 E = NAIL SPACING AT PANEL EDGES, INCHES.
 F = NAIL SPACING AT INTERMEDIATE SUPPORTS IN THE PANEL FIELD, INCHES.

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DATE: 01-08-2014
 DRAWN BY: DD/K-LK
 CHECKED BY: C&D

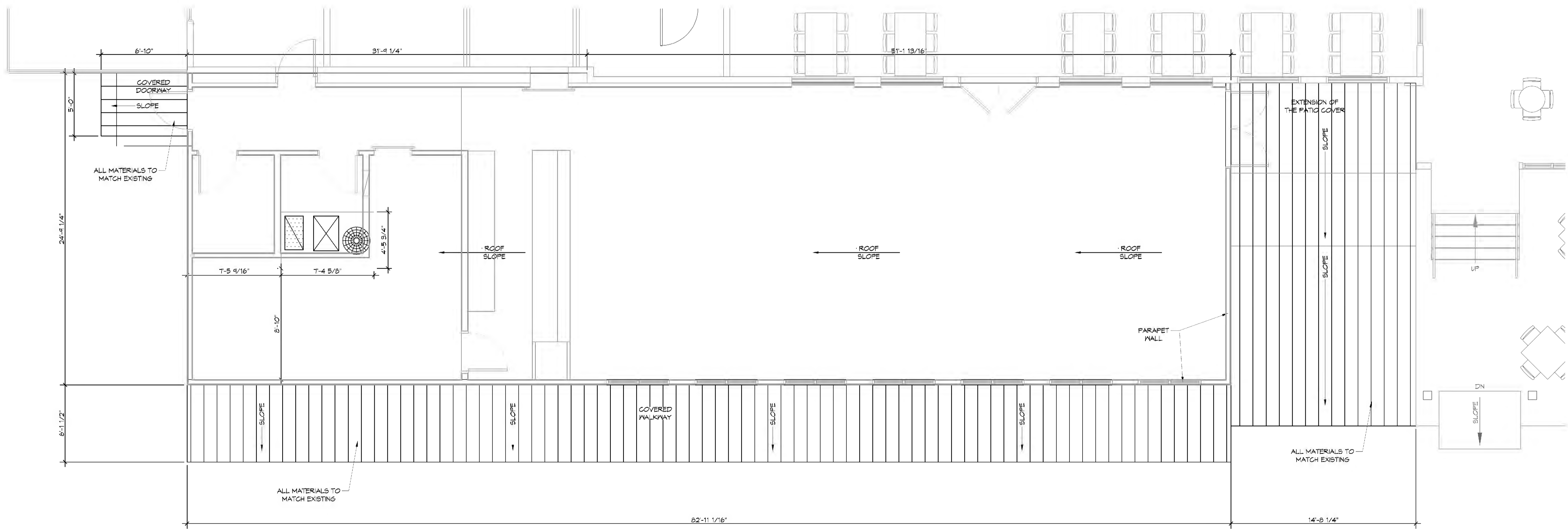
NEW BUILDING ADDITION
 SOUTH SIDE CAFE

SHEET TITLE:
 TYPICAL CONNECTION DETAILS, SCHEDULES, AND NOTES

DRAWING NUMBER:
S102

SHEET No. 5 of 15

FILE NAME: J:\RESTAURANTS\3100 - Southside Cafe\3100.dwg DATE: 8/14/14 10:41 AM



15 ROOF PLAN
SCALE: 1/4" = 1'-0"

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#	DESCRIPTION	DATE



NEW DINING ADDITION
SOUTHSIDE CAFE
3154 PONTCHARTRAIN DR
SLIDELL, LA 70458
JOB No: 2894 DATE: 01-08-2014
DRAWN BY: JAGMVA CHECKED BY: JME

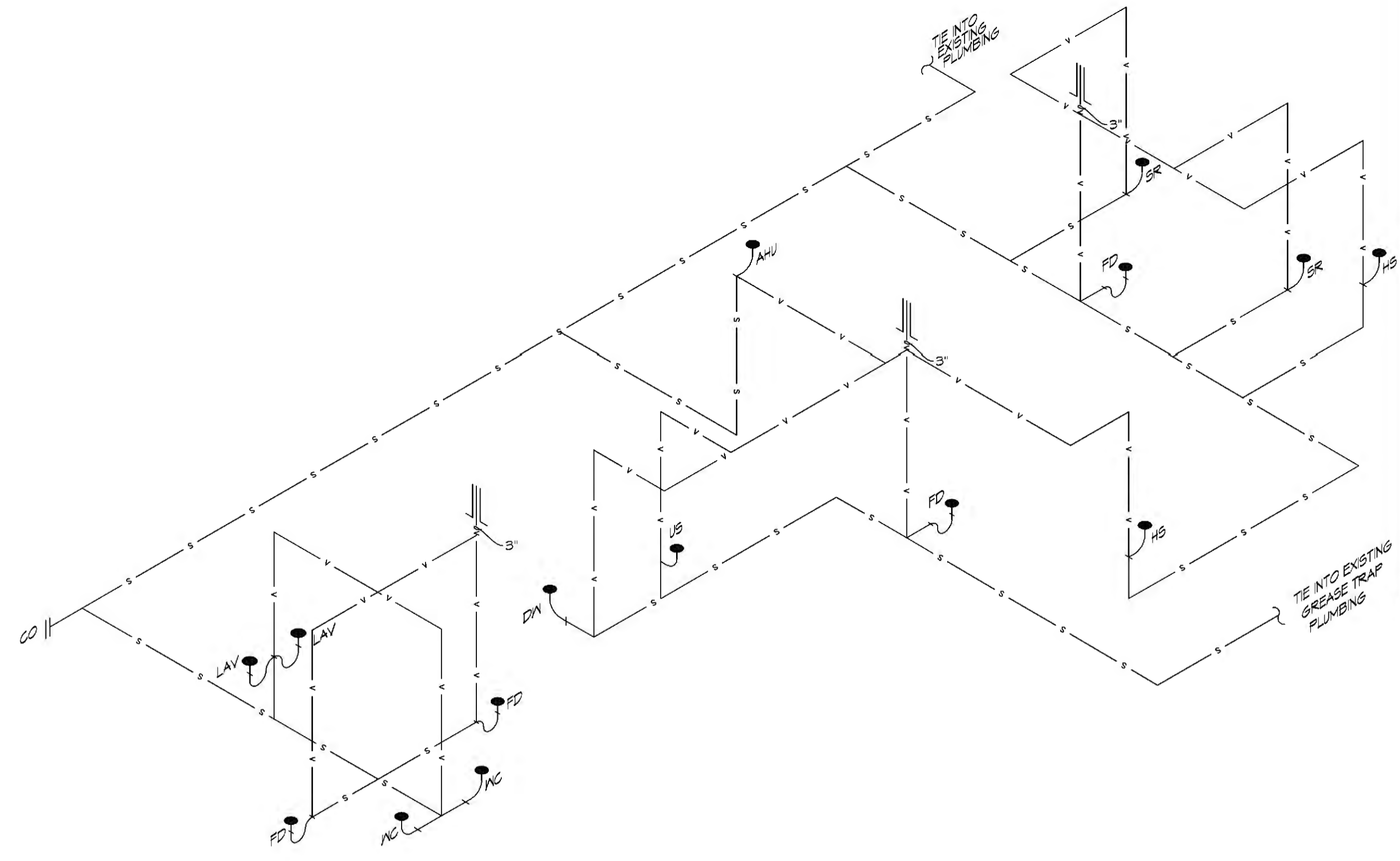
SHEET TITLE:
ROOF PLAN

DRAWING NUMBER:
A105
SHEET No: 11 of 15

FILE NAME: J:\METRO\141300 - BUSINESS CTR\DWG\141300-010 - PLUMBING RISE AND PLAN.dwg PLOT DATE: 11/13/15 PLOT TIME: 11:42:10

GENERAL PLUMBING NOTES

- PLUMBING LINES SHOWN ARE DRAWN DIAGRAMMATIC IN NATURE AND REPRESENT CONCEPTUAL ROUTING ONLY. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF ALL ACTUAL CONDITIONS.
- PROVIDE ALL LABOR, MATERIAL, TRANSPORTATION, SUPERVISION, CLEAN-UP, SERVICES, AND EQUIPMENT FOR A COMPLETE OPERATING SYSTEM. THE SYSTEM SHALL INCLUDE HOT AND COLD WATER PIPING, SEWER AND VENT PIPING, INSULATION, WATER HEATER, HANGERS, VALVES, SUPPORTS WITHOUT ANY RESTRICTIONS TO VOLUME, CUT AND PATCH AS REQUIRED TO INSTALL PIPES.
- ALL WORK AND MATERIAL SHALL CONFORM STRICTLY TO THE LATEST LOCAL CITY, PARISH, STATE AND NATIONAL GOVERNING CODES. MUST MEET LA STATE PLUMBING CODE 2013 REQUIREMENTS.
- CONTRACTOR IS TO FIELD VERIFY ALL EXISTING UTILITY LOCATIONS, ELEVATIONS AND SIZES PRIOR TO COMMENCING ANY WORK. CONTRACTOR SHALL PAY NECESSARY FEES FOR THE UTILITIES CONNECTIONS.
- CONTRACTOR IS RESPONSIBLE TO VERIFY THE EXISTING INVERTS AND SET NEW INVERTS OF SEWERAGE AND DRAINAGE PIPES.
- SEWERAGE LINES 3-INCH AND SMALLER SHALL BE SLOPED 1/4" PER FOOT AND LINES 4-INCH AND LARGER SHALL BE 1/8" PER FOOT.
- TEST ALL PIPING AT REQUIRED PRESSURE.
- ALL PLUMBING SHALL BE CLOSELY COORDINATED WITH STRUCTURAL, MECHANICAL SYSTEM AND ELECTRICAL SYSTEMS TO INSURE NO TRADES WILL CONFLICT WITH EACH OTHER.
- DO NOT SCALE DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF DOORS, WINDOWS, WALLS, FIXTURES, ETC.
- ALL WATER MAINS AND PIPING NOT SHOWN FOR CLARITY, ALL LOCATIONS FIELD VERIFIED.
- DOMESTIC HOT AND COLD WATER PIPING AND FITTINGS UNDER SLAB SHALL BE ASTM B88 COPPER WATER TUBE, TYPE K, SOFT ANNEALED. NO JOINTS SHALL BE ALLOWED UNDER THE SLAB.
- DOMESTIC WATER PIPING AND FITTINGS ABOVE THE SLAB SHALL BE ASTM B88 COPPER WATER TUBE, TYPE L. HARD DRAWN WITH COPPER PRESSURE TYPE FITTINGS, ANSI B16.22. THE JOINTS SHALL BE SOLDERED TYPE USING ASTM B32, ALLOY GRADE #5A (#5-B) SOLDER.
- SOIL, WASTE, VENT PIPING AND FITTINGS ABOVE THE SLAB SHALL BE SERVICE WEIGHT CAST IRON PIPE WITH BELL AND SPIGOT ENDS AND ONE PIECE NEOPRENE INSERT TYPE GASKET. USE PVC SCHEDULE 40 OR ABS DWV PIPES AND FITTINGS WHERE PERMITTED BY CODE.
- ALL WATER PIPING AND FITTINGS ABOVE THE FLOOR SHALL BE INSULATED WITH 1/2" THICK FIBERGLASS INSULATION AND JACKET.
- ALL ELECTRICAL, MECHANICAL AND PLUMBING ELEMENTS PENETRATING FIRE PARTITIONS SHALL BE FIRE CAULKED. (PENETRATIONS THROUGH RATED CONSTRUCTION SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM-E814.)
- SEE ROOF PLAN FOR PLUMBING ROOF PENETRATIONS. ROUTE VENT PIPES IN ATTIC AS NECESSARY.
- ALL VENTS THROUGH ROOF (VTR) SHALL BE LOCATED A MINIMUM OF 10'-0" FROM ANY MECHANICAL OR NATURAL AIR INTAKE.

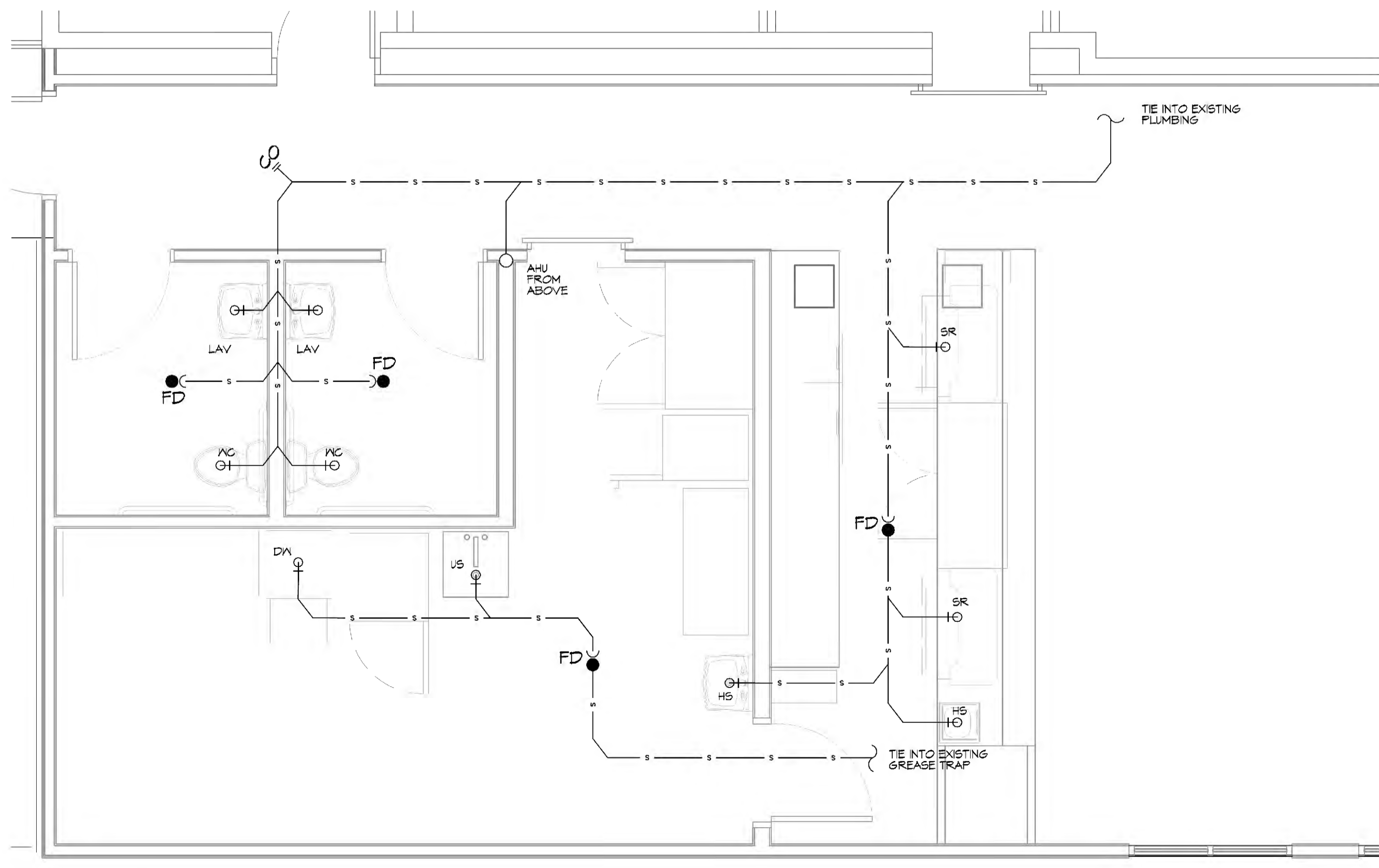
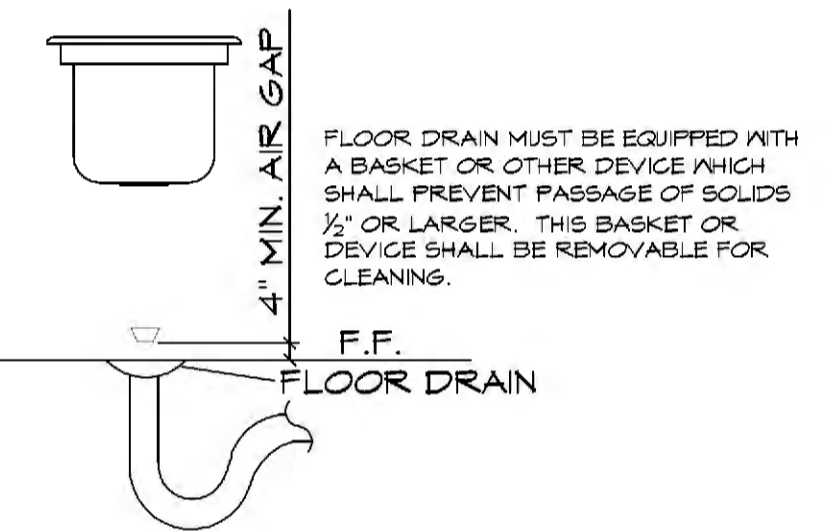


PLUMBING ABBREVIATIONS

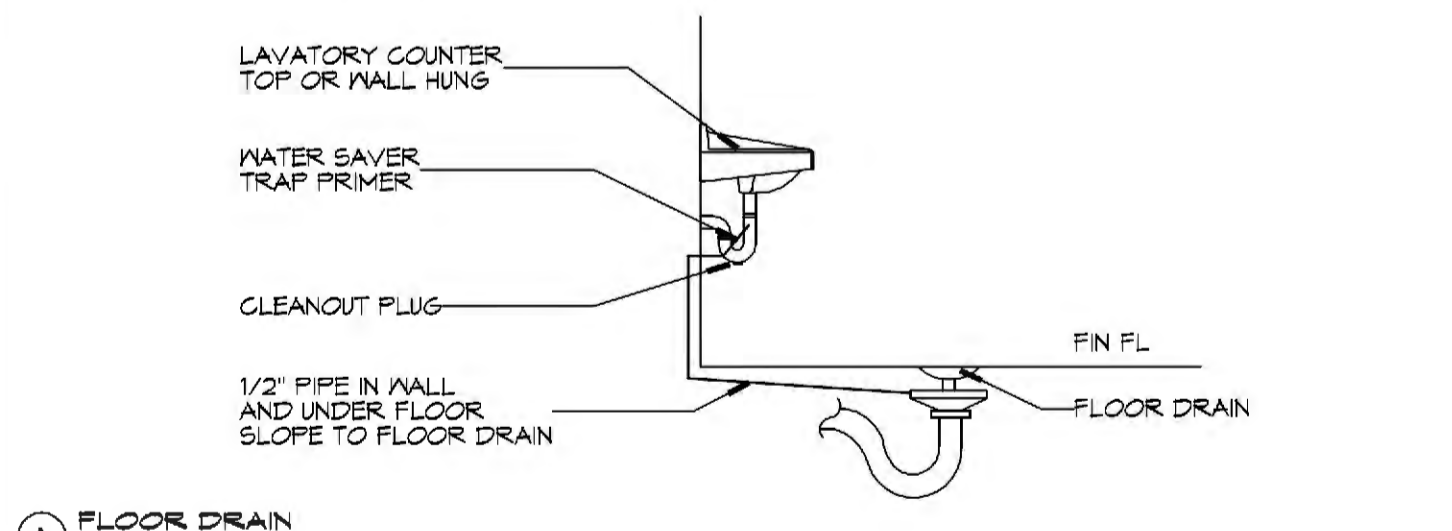
- SR SPEED RAIL
- DA DISHWASHER
- US UTILITY SINK
- AS ALTO SHAAM
- HS HAND SINK
- LAV LAVATORY
- WC WATER CLOSET

LEGEND

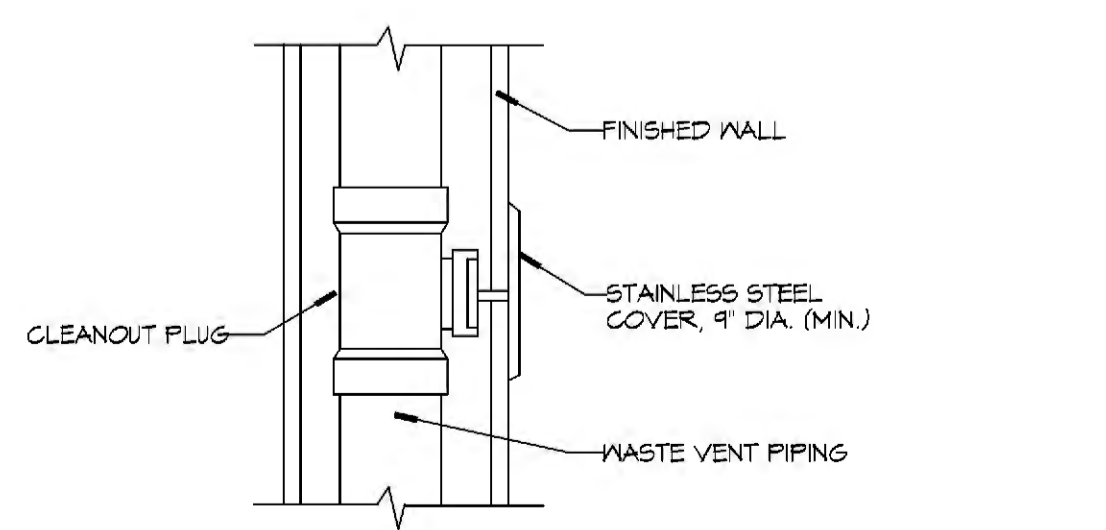
SYMBOL	DESCRIPTION
—S—S—	SANITARY SEWER
—V—V—	VENT PIPE
—●FD	FLOOR DRAIN
— CO	LINE CLEAN OUT
— WCO	WALL CLEAN OUT



15 DETAIL
SCALE: NTS
TYPICAL FLOOR SINK



14 TYPICAL DETAILS
SCALE: NTS
MISCELLANEOUS PLUMBING



12 TYPICAL DETAILS
SCALE: NTS
MISCELLANEOUS PLUMBING

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#	DESCRIPTION	DATE
1	REVISED PLUMBING DIAGRAM	11-13-15



NEW DINING ADDITION
SOUTHSIDE CAFE
9154 PONTCHARTRAIN DR
SLIDELL, LA 70488
JOB No: 25841 DATE: 01-08-2014
DRAWN BY: JAGMKM CHECKED BY: CKD

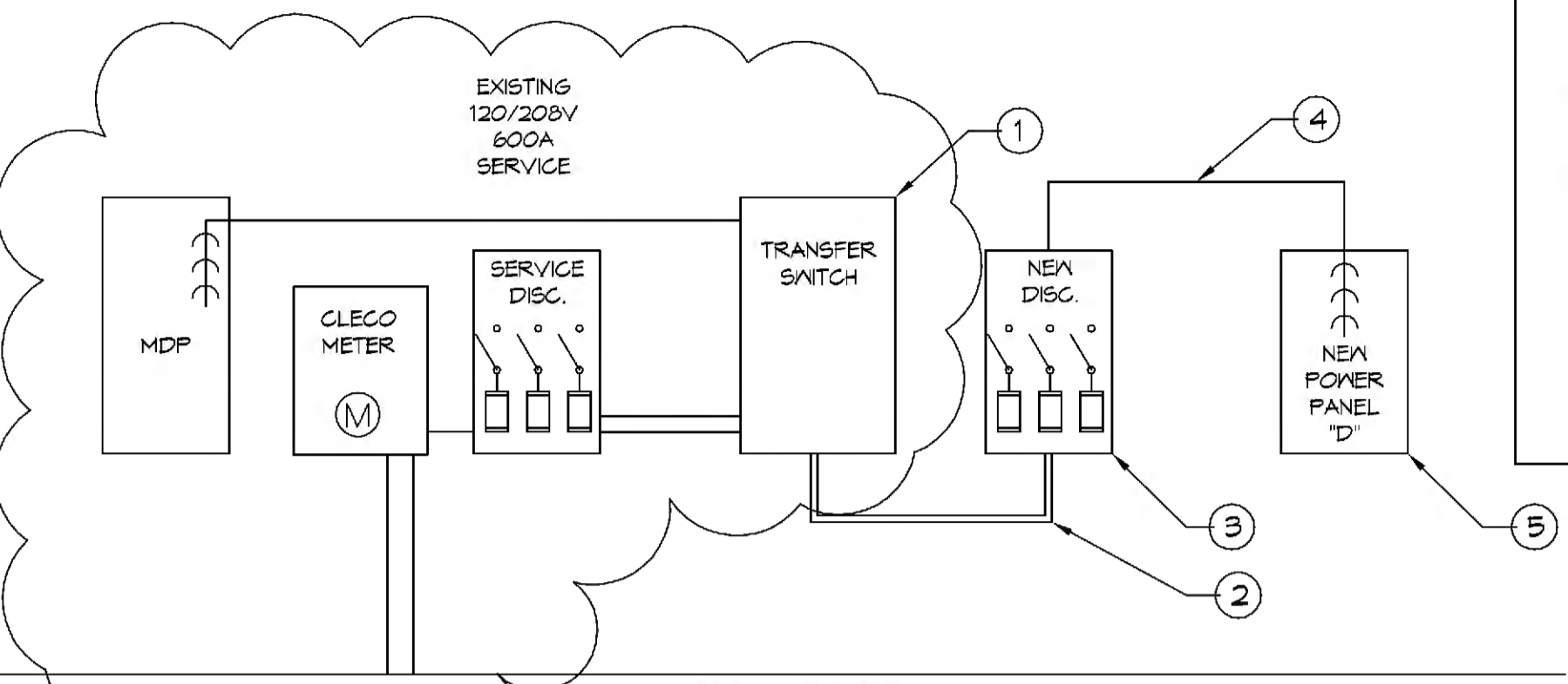
SHEET TITLE:
PLUMBING PLAN AND PLUMBING RISER DIAGRAM

DRAWING NUMBER:
P101

SHEET No: 13 of 15

PANEL SCHEDULE											
PANEL NO.	THHN SIZE	DESCRIPTION	LOCATION	BREAKER	POLE	AMP	LOAD (KW)	DESCRIPTION	LOCATION	THHN SIZE	CKT NO.
1	1/2"	120V 100A		60	3	60	6.0			1/2"	2
2	1/2"	120V 100A		60	3	60	6.0			1/2"	3
3	1/2"	120V 100A		60	3	60	6.0			1/2"	4
4	1/2"	120V 100A		60	3	60	6.0			1/2"	5
5	1/2"	120V 100A		60	3	60	6.0			1/2"	6
6	1/2"	120V 100A		60	3	60	6.0			1/2"	7
7	1/2"	120V 100A		60	3	60	6.0			1/2"	8
8	1/2"	120V 100A		60	3	60	6.0			1/2"	9
9	1/2"	120V 100A		60	3	60	6.0			1/2"	10
10	1/2"	120V 100A		60	3	60	6.0			1/2"	11
11	1/2"	120V 100A		60	3	60	6.0			1/2"	12
12	1/2"	120V 100A		60	3	60	6.0			1/2"	13
13	1/2"	120V 100A		60	3	60	6.0			1/2"	14
14	1/2"	120V 100A		60	3	60	6.0			1/2"	15
15	1/2"	120V 100A		60	3	60	6.0			1/2"	16
16	1/2"	120V 100A		60	3	60	6.0			1/2"	17
17	1/2"	120V 100A		60	3	60	6.0			1/2"	18
18	1/2"	120V 100A		60	3	60	6.0			1/2"	19
19	1/2"	120V 100A		60	3	60	6.0			1/2"	20
20	1/2"	120V 100A		60	3	60	6.0			1/2"	21
21	1/2"	120V 100A		60	3	60	6.0			1/2"	22
22	1/2"	120V 100A		60	3	60	6.0			1/2"	23
23	1/2"	120V 100A		60	3	60	6.0			1/2"	24
24	1/2"	120V 100A		60	3	60	6.0			1/2"	25
25	1/2"	120V 100A		60	3	60	6.0			1/2"	26
26	1/2"	120V 100A		60	3	60	6.0			1/2"	27
27	1/2"	120V 100A		60	3	60	6.0			1/2"	28
28	1/2"	120V 100A		60	3	60	6.0			1/2"	29
29	1/2"	120V 100A		60	3	60	6.0			1/2"	30
30	1/2"	120V 100A		60	3	60	6.0			1/2"	31
31	1/2"	120V 100A		60	3	60	6.0			1/2"	32
32	1/2"	120V 100A		60	3	60	6.0			1/2"	33
33	1/2"	120V 100A		60	3	60	6.0			1/2"	34
34	1/2"	120V 100A		60	3	60	6.0			1/2"	35
35	1/2"	120V 100A		60	3	60	6.0			1/2"	36
36	1/2"	120V 100A		60	3	60	6.0			1/2"	37
37	1/2"	120V 100A		60	3	60	6.0			1/2"	38
38	1/2"	120V 100A		60	3	60	6.0			1/2"	39
39	1/2"	120V 100A		60	3	60	6.0			1/2"	40
40	1/2"	120V 100A		60	3	60	6.0			1/2"	41
41	1/2"	120V 100A		60	3	60	6.0			1/2"	42
42	1/2"	120V 100A		60	3	60	6.0			1/2"	43
43	1/2"	120V 100A		60	3	60	6.0			1/2"	44
44	1/2"	120V 100A		60	3	60	6.0			1/2"	45
45	1/2"	120V 100A		60	3	60	6.0			1/2"	46
46	1/2"	120V 100A		60	3	60	6.0			1/2"	47
47	1/2"	120V 100A		60	3	60	6.0			1/2"	48
48	1/2"	120V 100A		60	3	60	6.0			1/2"	49
49	1/2"	120V 100A		60	3	60	6.0			1/2"	50
50	1/2"	120V 100A		60	3	60	6.0			1/2"	51
51	1/2"	120V 100A		60	3	60	6.0			1/2"	52
52	1/2"	120V 100A		60	3	60	6.0			1/2"	53
53	1/2"	120V 100A		60	3	60	6.0			1/2"	54
54	1/2"	120V 100A		60	3	60	6.0			1/2"	55
55	1/2"	120V 100A		60	3	60	6.0			1/2"	56
56	1/2"	120V 100A		60	3	60	6.0			1/2"	57
57	1/2"	120V 100A		60	3	60	6.0			1/2"	58
58	1/2"	120V 100A		60	3	60	6.0			1/2"	59
59	1/2"	120V 100A		60	3	60	6.0			1/2"	60
60	1/2"	120V 100A		60	3	60	6.0			1/2"	61
61	1/2"	120V 100A		60	3	60	6.0			1/2"	62
62	1/2"	120V 100A		60	3	60	6.0			1/2"	63
63	1/2"	120V 100A		60	3	60	6.0			1/2"	64
64	1/2"	120V 100A		60	3	60	6.0			1/2"	65
65	1/2"	120V 100A		60	3	60	6.0			1/2"	66
66	1/2"	120V 100A		60	3	60	6.0			1/2"	67
67	1/2"	120V 100A		60	3	60	6.0			1/2"	68
68	1/2"	120V 100A		60	3	60	6.0			1/2"	69
69	1/2"	120V 100A		60	3	60	6.0			1/2"	70
70	1/2"	120V 100A		60	3	60	6.0			1/2"	71
71	1/2"	120V 100A		60	3	60	6.0			1/2"	72
72	1/2"	120V 100A		60	3	60	6.0			1/2"	73
73	1/2"	120V 100A		60	3	60	6.0			1/2"	74
74	1/2"	120V 100A		60	3	60	6.0			1/2"	75
75	1/2"	120V 100A		60	3	60	6.0			1/2"	76
76	1/2"	120V 100A		60	3	60	6.0			1/2"	77
77	1/2"	120V 100A		60	3	60	6.0			1/2"	78
78	1/2"	120V 100A		60	3	60	6.0			1/2"	79
79	1/2"	120V 100A		60	3	60	6.0			1/2"	80
80	1/2"	120V 100A		60	3	60	6.0			1/2"	81
81	1/2"	120V 100A		60	3	60	6.0			1/2"	82
82	1/2"	120V 100A		60	3	60	6.0			1/2"	83
83	1/2"	120V 100A		60	3	60	6.0			1/2"	84
84	1/2"	120V 100A		60	3	60	6.0			1/2"	85
85	1/2"	120V 100A		60	3	60	6.0			1/2"	86
86	1/2"	120V 100A		60	3	60	6.0			1/2"	87
87	1/2"	120V 100A		60	3	60	6.0			1/2"	88
88	1/2"	120V 100A		60	3	60	6.0			1/2"	89
89	1/2"	120V 100A		60	3	60	6.0			1/2"	90
90	1/2"	120V 100A		60	3	60	6.0			1/2"	91
91	1/2"	120V 100A		60	3	60	6.0			1/2"	92
92	1/2"	120V 100A		60	3	60	6.0			1/2"	93
93	1/2"	120V 100A		60	3	60	6.0			1/2"	94
94	1/2"	120V 100A		60	3	60	6.0			1/2"	95
95	1/2"	120V 100A		60	3	60	6.0			1/2"	96
96	1/2"	120V 100A		60	3	60	6.0			1/2"	97
97	1/2"	120V 100A		60	3	60	6.0			1/2"	98
98	1/2"	120V 100A		60	3	60	6.0			1/2"	99
99	1/2"	120V 100A		60	3	60	6.0			1/2"	100

NOTE:
ALL 120 VOLT, 20 AMPERE RECEPTACLES INSTALLED IN THE KITCHEN AND AT THE SERVING LINE ARE TO BE GFCI PROTECTED WITH GFCI CIRCUIT BREAKERS IN THE ELECTRICAL PANEL. SEE PANEL SCHEDULES FOR MORE DETAILS.



- ONE LINE NOTES:
- DOUBLE LWS LINE SIDE OF TRANSFER SWITCH FEED USING POLARIS INSULATED MULTI-TAPS. TRANSFER SWITCH HAS DOUBLE FEEDS FROM SERVICE DISC. TAPS MUST BALANCE LOAD ON DOUBLE FEEDS. ONE EACH TAP PER FEED.
 - 2 - (3 - #1 THHN; 1 - #1 NEUTRAL THHN; 1 - #6 GND COPPER; 3" C.)
 - 120/208V 200amp DISCONNECT, FUSE AT 200amps
 - 3 - 4/0 THHN; 1 - 4/0 NEUTRAL THHN; 1 - #6 GND COPPER; 2-1/2" C
 - 120/208V 200amp PANELBOARD

23 ONE LINE DIAGRAM
SCALE: 3/16"=1'-0"

POWER LEGEND

- SYMB
- STANDARD 120V DUPLEX RECEPTACLE, NEMA 5-2 OR 15' AFF (UNLESS OTHERWISE NOTED)
 - SINGLE-POLE DEDICATED RECEPTACLE
 - GFCI DUPLEX RECEPTACLE
 - DEDICATED GFCI DUPLEX RECEPTACLE
 - 240V RECEPTACLE - MOUNTED AT 30" AFF
 - JUNCTION BOX
 - WEATHER-PROOF GFCI DUPLEX RECEPTACLE MOUNTED AT 30" AFF (UNLESS OTHERWISE NOTED)
 - STANDARD 120V DUPLEX RECEPTACLE - CEILING MOUNTED
 - SINGLE POLE RECEPTACLE
 - WALL MOUNTED DATA OUTLET
 - QUAD OUTLET

LIGHTING LEGEND

- EMERGENCY LIGHT FIXTURE
- EXIT LIGHT FIXTURE - CEILING MOUNTED
- WALL MOUNTED LED LIGHT
- PENDANT LED LIGHT
- 2X4 - 4 - FLUORESCENT
- 1X2 - FLUORESCENT (RESTROOMS)
- 6" RECESSED LED CAN LIGHT, IC-RATED
- ELECTRIC PANEL BOARD
- CIRCUIT HOME RUN
- LIGHT SWITCH 120V COMMERCIAL GRADE
- LIGHT SWITCH - DIMMER
- JUNCTION BOX
- EXHAUST FAN - SEE MECH
- 3 BLUB LED RESTROOM LIGHT FIXTURE.

EQUIPMENT LIST

- SINGLE DOOR FREEZER 24"
- DISHWASHER
- MUG CHILLER
- SPEED RAIL/ ICE 30"
- BEER COOLER 60"
- DOUBLE DOOR REACH-IN REFRIGERATOR 54"
- ALTO SHAMM 22-1/2" 208/240V
- PREP TABLES 12' x 54"
- MUG RACK
- UNDER COUNTER TRASH CAN P.O.S.
- AV EQUIPMENT BOX (ON WALL)
- HAND SINK
- WATER HEATER
- UTILITY SINK
- ICE MACHINE

GENERAL POWER NOTES

- ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE, THE GOVERNING ELECTRICAL CODE AND ALL OTHER INSPECTION DEPARTMENTS HAVING JURISDICTION. OBTAIN CERTIFICATES OR APPROVAL WHERE REQUIRED. ELECTRICAL CONTRACTOR SHALL VERIFY ALL WIRE AND CONDUIT SIZES FOR MECHANICAL EQUIPMENT TO BE INSTALLED.
- ALL MATERIALS FURNISHED SHALL BE NEW AND SHALL BE U.L. LISTED.
- THE DRAWINGS INDICATE SIZE AND GENERAL LOCATION OF WORK. SCALE DIMENSIONS SHALL NOT BE USED. THE EXACT LOCATION OF ALL LIGHTING FIXTURES, RECEPTACLES AND TELEPHONE OUTLETS, ETC. SHALL BE DETERMINED BY ACTUAL CONDITIONS IN THE FIELD.
- PRIOR TO BIDDING, CONTRACTOR SHALL VISIT THE JOB SITE AND FAMILIARIZE HIMSELF WITH THE EXISTING CONDITIONS.
- ELECTRICAL CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER TRADES AND WITH OTHER CONTRACTORS WHOSE WORK MAY AFFECT THIS INSTALLATION.
- ELECTRICAL CONTRACTOR SHALL COORDINATE INCOMING ELECTRICAL SERVICE WITH UTILITY COMPANY AND INCLUDE IN HIS BID ALL CHARGES AND FEES INCURRED IN MODIFICATIONS.
- ELECTRICAL CONTRACTOR SHALL COORDINATE THE TELEPHONE INSTALLATION WITH THE TELEPHONE COMPANY AND THE GENERAL CONTRACTOR.
- ELECTRICAL CONTRACTOR, BEFORE INSTALLING ANY OF THE WORK, SHALL SEE THAT IT DOES NOT INTERFERE WITH CLEARANCES REQUIRED FOR FINISHED COLUMNS, HUNG CEILINGS, PLASTER, PARTITIONS, WALLS, ETC. AS SHOWN IN THE ARCHITECTURAL DRAWINGS AND DETAILS. IF ANY WORK IS INSTALLED AND IT LATER DEVELOPS THAT SUCH DETAILS OR DESIGN CANNOT BE FOLLOWED, THE CONTRACTOR, AT HIS OWN EXPENSE, SHALL MAKE SUCH CHANGES IN THE WORK AS DIRECTED BY THE ARCHITECT, AS WELL AS TO PERMIT THE INSTALLATION OF THE ARCHITECTURAL WORK AS SHOWN ON THE PLANS AND DETAILS.
- PERFORM TESTS REQUIRED BY THE OWNER OR THE ENGINEER IN CONNECTION WITH THE OPERATION OF THE ELECTRICAL SYSTEM IN THE BUILDING. ALL TESTS SHALL BE MADE IN ACCORDANCE WITH THE LATEST STANDARD OF THE IEEE AND THE NATIONAL ELECTRICAL CODE.
- MINIMUM CONDUCTOR SIZE SHALL BE #12, 600V INSULATION. MINIMUM SIZE CONDUIT SHALL BE 3/4" ELECTRICAL METALLIC TUBING (EMT) FOR INTERIOR USE, 3/4" RIGID ALUMINUM FOR EXTERIOR USE ABOVE GRADE AND 1" SCHEDULE 40 PVC, BURIED A MINIMUM OF 18" FOR NON