BREVIA	TIONS & ACRONYMS
A.P.A.	AMERICAN PLYWD ASSOC.
A/EOR	ARCH/ENG OF RECORD
AB	ANCHOR BOLT
ABV	ABOVE
AUUL AFF AGGP	ABOVE FINISH(ED) FLOOR
ALT	ALTERNATE
ALUM	ALUMINUM
AMT	AMOUNT
ANCH	ANCHOR
APPROX	APPROXIMATE
APRVD	APPROVED
APVL	APPROVAL
ARCH	ARCHITECT / ARCHITECTURE
ATCH	ATTACH(ED)
AVG	AVERAGE
BD BHD	BOARD
BL	BOLLARD
BLDG	BUILDING
BLKG	BLOCKING
BLW	BELOW
BM	BEAM
B.O.	BOTTOM OF
BOF	BOTTOM OF FOOTING
BOT	BOTTOM
BRG	BEARING
BRK	BRICK
BSMT	BASEMENT
BTR	BETTER
BTWN	BETWEEN
CANT	CANTILEVER
C-C	CENTER TO CENTER
CG	CENTER OF GRAVITY
CIP	CAST IN PLACE
CIR	CIRCLE
CJ	CONSTR/ CONTROL JOINT
CJP	COMPLETE JT PENETRATION
CLG	CEILING
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
CONC	CONCRETE
CONN	CONNECTION
CONST	CONSTRUCTION
CONT	CONTINUE (CONTINUOUS)
CONTR CTR	
DBA	DEFORMED BAR ANCHOR
DBL	DOUBLE
DEG	DEGREE
DF	DOUGLAS FIR
DIA	DIAMETER
DIAG	DIAGONAL
DIM	DIMENSION
DI	DEAD LOAD
DN	DOWN
DTL	DETAIL
DUP	DUPLICATE
DVLP	DEVELOP
DWG	DRAWING
DWL	DOWEL
EA E-E	
EF	EACH FACE
ELEC	ELECTRICAL
ELEV	ELEVATION
ELVR	ELEVATOR
ENG	ENGINEER / ENGINEERING
EQ	EQUAL
EQ SP	EQUAL SPACE(D)
EQUIP	EQUIPMENT
ES	EACH SIDE
EST	ESTIMATE
EW	EACH WAY
E-W	EAST TO WEST
EXC	EXCAVATE
EXIST	EXISTING
EXP	EXPANSION
EXT	EXTERIOR
FAB FD	FABRICATE FLOOR DRAIN FOUNDATION
FF	FINISH FLOOR
F-F	FACE TO FACE
FIN	FINISH
FLG	FLANGE
FLR	FLOOR
FRAMG	FRAMING
FRZR	FREEZER
FS	FAR SIDE
FT2 FT2	SQUARE FOOT
FTG	FOOTING
G.C.	GENERAL CONTRACTOR
GA	GAGE OR GAUGE
GALV	GALVANIZED
GL	GLASS
GLB	GLUE LAMINATED BEAM
GND	GROUND
GR GWB	GYPSUM WALL BOARD
HC	HOLLOW CORE
HCA	HEADED CONCRETE ANCHOR
HD	HOLDOWN, HEADED
HDR	HEADER
HGR	HANGER
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HSA	HEADED STUD ANCHOR
HSS	HOLLOW STRUCTURAL STEEL
HT	HEIGHT
HVAC	HEATING VENTILATING & ALP COND
I.C.	INSIDE DIAMETER
IBC	INTERNATIONAL BUILDING CODE
ICC	INTERNATIONAL CODE COUNCIL
IF	INSIDE FACE
IN.	INCH
IN2	SQUARE INCHES
IN3	CUBIC INCHES
INCL INFO INT	
IRC ISBU	INTERNATIONAL RESIDENTIAL COD

AB

JST	JOIST(S)
JT	JOINT(S)
K	KIP, 1000 LBS
KLF	KIPS PER LINEAL FOOT
KSF	KIPS PER SQUARE FOOT
KSI	KIPS PER SQUARE INCH
LAT	LATERAL
LB(S)	POUND(S)
LD	LOAD
LEV	LEVEL
LF	LINEAL FOOT/FEET
LL	LIVE LOAD
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LT	LIGHT
LT WT	LIGHT WEIGHT
LVL	LEVEL
LVL	LAMINATED VENEER LUMBER
LWC	LIGHT WEIGHT CONC
MAS	MASONRY
MAX	MAXIMUM
MC	MOMENT CONNECTION
MECH	MECHANICAL
MEMB	MEMBRANE
MEZZ	MEZZANINE
MFD	MANUFACTURED
MFR	MANUFACTURER
MIN	MINIMUM
MISC.	MISCELLANEOUS
MO	MASONRY OPEN
MTL	MATERIAL/ METAL
N/A	NOT APPLICABLE
NF	NEAR FACE
NS	NEAR SIDE / NON-SHRINK
N-S	NORTH-SOUTH
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
O.C.	ON CENTER
O.F.	OUSIDE FACE
OD	OUTSIDE DIAMETER
OF	OUTSIDE FACE
OPNG	OPENING
OPP	OPPOSITE
O.H.	OPPOSITE HAND
OSB	ORIENTED STRAND BOARD
OWST	OPEN WEB STEEL JOIST
PARA PC PCF PEJ PENN PERM PERP PFJ PJP PLF PLF PLYWD PNL PP PREFAB PRELIM PS PSF PSI PT PWDR	PARALLEL PRECAST POUNDS PER CUBIC FOOT POUNDS PER CUBIC INCH PREMOLDED EXPANSION JOINT PENETRATION PERMANENT PERPENDICULAR PERIMETER FELT JOINT PARTIAL JOINT PENETRATION PLATE POUNDS PER LINEAR FOOT PLYWOOD PANEL PANEL POINT PREFABRICATED PRELIMINARY PRESTRESSED POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH PRESSURE TREATED POWDER ROOM
QTY	QUANTITY
RAD, R	RADIUS
RD	ROOF DRAIN
RE:	REFER (REFERENCE)
REINF	REINFORCE (ING)
REQ(D)	REQUIRE(D)
REQMT	REQUIREMENT
REV	REVISED/REVISION
RF	ROOF
RND	ROUND
RO	ROUGH OPENING
RTU	ROOF TOP UNIT
SCHED SCWD SECT SF SHT SHTG SIM SOG SPEC SPRT SQ STD STIFF STIR STIFF STIR STL STRUCT SW	SCHEDULE SOLID CORE WOOD SECTION SQUARE FOOT SHEET SHEATHING SIMILAR SLAB ON GRADE SPECIFICATION(S) SUPPORT SQUARE STANDARD STIFFENER STIRRUP STEEL STRUCTURE/ STRUCTURAL SHEAR WALL
T & B	TOP & BOTTOM
T & G	TONGUE & GROOVE
T.O.	TOP OF
TOW	TOP OF WALL
THD	THREAD/THREADED
THK	THICK / THICKNESS
TL	TOTAL LOAD
TOB	TOP OF BEAM
TOC	TOP OF CONCRETE
TOF	TOP OF FOOTING
TOM	TOP OF MASONARY
TOS	TOP OF STEEL
TYP	TYPICAL
U.N.O.	UNLESS NOTED OTHERWISE
ULT	ULTIMATE
VERT	VERTICAL
W/	WITH
W/O	WITHOUT
W	WIDTH
WC	WATER CLOSET
WD	WOOD
WH	WATER HEATER
WIC	WALK IN CLOSET
WP	WATER PROOF
WS	WATERSTOP
WT	WEIGHT
WWF	WELDED WIRE FABRIC

	1. IN ADDITION TO THE OWNER SH	STANDARD INSPECTIONS BY THE ALL EMPLOY ONE OR MORE SPEC S REQUIRED IN IBC SECTION 1704
	INSPECTIONS PE INSPECTIONS RE	ERTAINING TO THE STRUCTURAL EQUIRED BY OTHER DISCIPLINES.
	2. UNLESS WAIVED COOPERATE WIT	BY THE BUILDING OFFICIAL, THE TH THE REQUIRED INSPECTIONS.
	3. TYPES OF WORK SPECIAL INSPEC INSPECTION ON	K REQUIRING SPECIAL INSPECTIO TION REQUIRED" TABLE. THIS TAI THE PROJECT, JUST THOSE DIRE
	4. STRUCTURAL OF 4.1 STRUCT	BSERVATIONS
	4.2 OBSERV	ATION VISITS TO THE SITE BY TH
	BE CON	STRUED AS AN INSPECTION OR A
-(	C INDICATES CONTINU	IOUS INSPECTION REQUIRED.
INS	PECTION OF FABRICA	GENER TORS (1704.2.5)
	VERIFY THAT THE F (1704.2.5.1)	ABRICATOR MAINTAINS DETAILEI
P -	SPECIAL INSPECTION FABRICATOR REGIST	ONS ARE NOT REQUIRED WHERE STERED AND APPROVED TO PERF
		SOILS (1
	VERIFY MATERIALS BEARING CAPACITY	BELOW SHALLOW FOUNDATIONS (. (IBC TABLE 1705.6)
P	VERIFY EXCAVATIO	NS ARE EXTENDED TO PROPER D
	PERFORM CLASSIF	ICATION AND TESTING OF COMPA
с	VERIFY USE OF PRO COMPACTION OF C	OPER MATERIALS, DENSITIES, AN OMPACTED FILL. (IBC TABLE 1705
Р	PRIOR TO PLACEME BEEN PREPARED P	ENT OF COMPACTED FILL, OBSER ROPERLY (IBC TABLE 1705.6)
		CONCRETE CONST
	INSPECTION OF RE Ch 20, 25.2, 25.3, 26	INFORCING STEEL, INCLUDING PF .6.1-26.6.3)
P	INSPECTION OF AN	CHORS CAST IN CONCRETE. (ACI CHORS POST INSTALLED IN HARE
	VERIFYING USE IF F	REQUIRED DESIGN MIX, (ACI 318: (
с	PRIOR TO CONCRET AND AIR CONTENT	E PLACEMENT, FABRICATE SPEC TESTS, AND DETERMINE THE TEM
P	C31, ACI 318:26.4, 20 INSPECT FRAMEWO	6.12) DRK FOR SHAPE, LOCATION, AND
	FORMED. (ACI 316.	STEEL CONSTRU
WE	LDING INSPECTION O	F STRUCTURAL STEEL
с	MULTI-PASS FILLET	WELDS. (AWS D1.1, IBC 1704.3.1)
	SINGLE-PASS FILLE SINGLE-PASS FILLE	T WELDS > 5/16" (AWS D1.1, IBC 1 T WELDS <= 5/16" (AWS D1.1, IBC
	FLOOR AND ROOF I	DECK WELDS. (AWS D1.3)
C	INSPECTION OF FIEL	D GLUING OPERATIONS
Ρ	INSPECTION FOR NA STRUTS, HOLDOW	AILING, BOLTING, ANCHORING FOR /NS
		GEND
	FC-1.0 INDICATES	S CONTINUOUS
	FOOTING, FS-2.0 INDICATE	SEE SCHEDULE S SPOT FOOTING,
	F.S.	
	W.S. INDICATES	S FON WALL STEP
	FB-1 INDICATES	S FLOOR BEAM.
	RB-1 INDICATES	S ROOF BEAM. 1 SCHEDULE
		FRAMING MEMBER
		BEAM
		VERBOILD
		STONE) ABOVE BEARING / SHEAR /
	~~~~~	
		EXTERIOR WALL SHEAR WALL NON BEARING WALL
		EXTERIOR WALL SHEAR WALL NON BEARING WALL CONCRETE WALL
		EXTERIOR WALL SHEAR WALL NON BEARING WALL CONCRETE WALL SUPPORTING POST
		EXTERIOR WALL SHEAR WALL NON BEARING WALL CONCRETE WALL SUPPORTING POST POST FROM ABOVE
		EXTERIOR WALL SHEAR WALL NON BEARING WALL CONCRETE WALL SUPPORTING POST POST FROM ABOVE REVISION CLOUD TAG
		EXTERIOR WALL SHEAR WALL NON BEARING WALL CONCRETE WALL SUPPORTING POST POST FROM ABOVE REVISION CLOUD TAG REVISION CLOUD

#### STATEMENT OF SPECIAL INSPECTIONS

RD INSPECTIONS BY THE BUILDING OFFICIAL REQUIRED IN IBC SECTION 110, LOY ONE OR MORE SPECIAL INSPECTORS TO PROVIDE SPECIAL RED IN IBC SECTION 1704. THIS SECTION REFERS TO THE SPECIAL NG TO THE STRUCTURAL SYSTEM ONLY AND DOES NO ENCOMPASS

BUILDING OFFICIAL, THE CONTRACTOR SHALL COORDINATE AND REQUIRED INSPECTIONS.

RING SPECIAL INSPECTION AND TESTING ARE LISTED IN THE "STRUCTURAL EQUIRED" TABLE. THIS TABLE IS NOT MEANT TO ENCOMPASS ALL SPECIAL DJECT, JUST THOSE DIRECTLY RELATED TO STRUCTURAL

IONS SERVATIONS MAY BE PERFORMED AS DEEMED NECESSARY BY THE IGINEER OF RECORD.

ISITS TO THE SITE BY THE ENGINEER'S FIELD REPRESENTATIVES SHALL NOT AS AN INSPECTION OR APPROVAL OF CONSTRUCTION

STRUCTURAL SPECIAL INSPECTIONS

GENERAL

TOR MAINTAINS DETAILED FABRICATION AND QUALITY CONTROL PROCEDURES.

NOT REQUIRED WHERE THE WORK IS DONE ON THE PREMISES OF A

## AND APPROVED TO PERFORM SUCH WORK. (1704.2.5.1)

SOILS (1705.6)

SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN ABLE 1705.6) EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.

AND TESTING OF COMPACTED FILL MATERIALS. (IBC TABLE 1705.6) TERIALS, DENSITIES, AND LIFT THICKNESSES DURING PLACEMENT AND

ED FILL. (IBC TABLE 1705.6) COMPACTED FILL, OBSERVE SUBGRADE AND VERIFY THAT SITE HAS

## (IBC TABLE 1705.6)

CONCRETE CONSTRUCTION (1705.3) NG STEEL, INCLUDING PRESTRESSING TENDONS, AND PLACEMENT. (ACI 318

CAST IN CONCRETE. (ACI 318: 17.8.2) POST INSTALLED IN HARDENED CONCRETE MEMBERS. (ACI 318: 17.8.2.4)

D DESIGN MIX, (ACI 318: CH. 19, 26.4.3, 26.4.4)

EMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND DETERMINE THE TEMPERATURE OF THE CONCRETE. (ASTM C172, ASTM

SHAPE, LOCATION, AND DIMENSIONS OF THE CONCRETE MEMBER BEING

STEEL CONSTRUCTION (1705.2)

NETRATION GROOVE WELDS. (AWS D1.1, IBC 1704.3.1)

(AWS D1.1, IBC 1704.3.1)

S > 5/16" (AWS D1.1, IBC 1704.3.1)

S <= 5/16" (AWS D1.1, IBC 1704.3.1)

G OPERATIONS OLTING, ANCHORING FOR WOOD SHEAR WALLS, DIAPHRAGMS, DRAG

INDICATES KEYED NOTE. SEE KEYED NOTES SPECIFIC TO EACH SHEET **INDICATES SHEAR WALL** 

EXTENT & TYPE SEE SHEAR WALL SCHDL INDICATES HOLDDOWN

LOCATION - SEE HOLDDOWN SCHDL

INDICATES FLOOR TO FLOOR STRAP LOCATION -SEE STRAP TIE SCHDL



FJ 🔪 INDICATES JOIST FRAMING **X** / - SEE JOIST SCHDL

------ DETAIL/PLAN REFERENCE TYPICAL (TYP) OR

S-500 SIMLAR (SIM) DETAIL — SHEET REFERENCE

🔿 MAIN 100'-0"

COORDINATE W/ DESIGN PLANS

#### **GENERAL**

VISITS TO THE JOB SITE BY REPRESENTATIVES OF THE ENGINEER DO NOT CONSTITUTE APPROVAL OF THE WORK PERFORMED.

- THE CONTRACTOR, SUBCONTRACTORS, AND OWNER AS PART OF THE PROJECT TEAM, SHALL REVIEW AND BE RESPONSIBLE FOR INFORMATION CONTAINED IN ALL PROJECT DOCUMENTS PRIOR TO INITIATION OF ANY WORK ON THE PROJECT
- CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES, OMISSIONS OR CONFLICTS BETWEEN THE VARIOUS ELEMENTS OF THE WORKING DRAWINGS AND/OR SPECIFICATIONS BEFORE PROCEEDING WITH ANY WORK INVOLVED. IN ALL CASES, UNLESS OTHERWISE DIRECTED, THE MOST STRINGENT REQUIREMENTS SHALL GOVERN AND BE PERFORMED. DO NOT SCALE DRAWINGS.
- 4. CONTRACTOR SHALL VERIFY ALL CONDITIONS, DIMENSIONS AND ELEVATIONS, ETC., AT THE SITE AND SHALL COORDINATE WORK PERFORMED BY ALL TRADES. CONTRACTOR SHALL BE FULLY & SOLELY RESPONSIBLE FOR AND HAVE CONTROL OVER CONSTRUCTION
- MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES, FOR COORDINATING ALL PORTIONS OF THE WORK, AND FOR JOB SITE SAFETY OF SUCH MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES. CONTRACTOR & ALL SUBS SHALL PERFORM THEIR TRADES & DUTIES IN A MANNER CONFORMING TO THE PROCEDURES & REQUIREMENTS AS STATED IN THE LATEST ACCEPTED CODE(S) ADOPTED BY THE STATE &
- LOCAL JURISDICTIONS. CONTRACTOR IS RESPONSIBLE FOR AND SHALL BEAR THE COSTS OF CORRECTING WORK WHICH DOES NOT CONFORM TO CONSTRUCTION DOCUMENTS. THE COST OF WORK ENGINEER(S) TO APPROVE CORRECTIVE
- WORK SHALL BE RESPONSIBILITY OF CONTRACTOR CONTRACTOR SHALL BEAR ALL RESPONSIBILITY FOR MODIFICATIONS REQUIRED IN ARCHITECTURAL STRUCTURAL, PLUMBING, ELECTRICAL OR MECHANICAL SYSTEMS, ECT. DUE TO SUBSTITUTION OF MATERIALS, METHODS, AND/OR EQUIPMENT.
- THE MATERIALS AND LABOR COVERED BY THIS CONTRACT MUST CONFORM W/ THE SAFETY ORDERS OF THE LOCAL AUTHORITY HAVING JURISDICTION. STATE, OSHA AND THE DIVISION OF WORKER'S COMPENSATION. 10. ALL SUPPORT OF CONSTRUCTION LOADS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ALL SHORING
- AND BRACING REQUIRED FOR THE PROTECTION OF LIFE AND PROPERTY DURING THE CONSTRUCTION PROCESS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ALL PROCEDURES OF SOIL EXCAVATION. BACK FILL, AND SUPPORT OF ADJACENT PROPERTY DURING EARTHWORK SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR
- . ALL DIMENSIONS INDICATED ON PLANS SHALL BE TO FACE OF STUDS, FACE OF CONCRETE BLOCK, FACE OF ROUGH CONCRETE, CENTERLINE OF COLUMNS, BOTTOM OF METAL DECK, AND TOP OF SLAB, UNLESS NOTED OTHERWISE, DIMENSIONS SHOWN ON STRUCTURAL DRAWINGS ARE TO BE COORDINATED WITH DIMENSIONS SHOWN ON THE ARCHITECTURAL DRAWINGS. ANY DISCREPANCY IS TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO CONSTRUCTION.
- 2. ALTHOUGH SPECIFIC BRANDS MAY BE SPECIFIED, ALTERNATE BRANDS MAY BE USED WITH PRODUCT SPECIFICATIONS SUBMITTED TO ENGINEER FOR WRITTEN APPROVAL. EQUAL OR GREATER DESIGN VALUES MUST BE PROVIDED.
- 3. SHOP DRAWINGS SHALL BE PREPARED & SUBMITTED FOR REVIEW PRIOR TO FABRICATION FOR STEEL ITEMS AND FLOOR OR ROOF TRUSS SYSTEMS. ALLOW (1) WEEK FOR ENG. REVIEW. 4. MODIFICATIONS TO PLANS, FRAMING AND LOADING (DIMENSIONS, MATERIALS, DETAILS, LOCATION AND SIZE
- OF OPENINGS IN SHEAR OR BEARING WALLS, HOT TUBS, ETC.) FROM THAT SHOWN ON THE DESIGN PLANS CAN ALTER THE LOAD PATHS USED AND WILL VOID THE DESIGN AND PROFESSIONAL ENGINEERS STAMP (LIABILITY). WITHOUT ADDITIONAL ENGINEERING REVIEW AND ANALYSIS INCREASING THE SIZE, NUMBER OR LOCATION OF OPENINGS IN SHEAR WALLS CAN VARY THE LOADING ON SHEAR PANELS BEYOND THEIR LOAD CARRYING CAPACITIES. THE OWNER AND CONTRACTOR SHALL CAREFULLY REVIEW PLANS AND SPECIFICATIONS PRIOR TO INITIATION OF CONSTRUCTION.
- 5. BECAUSE THE RANDOM AND UNPREDICTABLE NATURE OF WIND AND EARTHQUAKE LOADING EVEN A RELATIVELY COMPLETE ANALYSIS, METHODOLOGY, AND DESIGN CANNOT ENSURE THAT THERE WILL BE NO DAMAGE TO STRUCTURES DURING SUCH EVENTS. LOCAL CODES (INTERNATIONAL BUILDING CODE (IBC)) ARE BASED ON LIFE SAFETY AND NOT "EARTHQUAKE PROOFING", ETC. OF THE STRUCTURE. IT IS EXTREMELY IMPORTANT THAT ATTENTION BE PAID TO THE PLACEMENT OF REINFORCING, HOLDOWN EMBEDS, ETC. IN THE FOUNDATIONS, NAILING OF VERTICAL AND HORIZONTAL SHEATHING (WALLS, FLOORS, AND ROOF) AND TO DETAILING SHOWN ON THE PLANS. PROPER IMPLEMENTATION IS REQUIRED TO ENSURE THE DESIRED DESIGN RESPONSE.

#### STRUCTURAL DESIGN INFORMATION

_	THOUTONAL DEGION INT ONMATION	
	GOVERNING BUILDING CODE: 2015 INTERNATIONAL BUILDING CODE	(IBC)
2.	ROOF LOADING	
	2.1 ROOF DEAD LOAD	15 PSF
	2.2 ROOF LIVE LOAD	20 PSF
	GROUND SNOW LOAD, Pg	243 PSF
	FLAT ROOF SNOW LOAD, Pf	170 PSF
	SNOW EXP. FACTOR, Cs	1.0
	THERMAL FACTOR, Ct	1.0
	IMPORTANCE FACTOR, I	1.0
3.	FLOOR LOADING	
	3.1 FLOOR DEAD LOAD	24 PSF
	3.2 FLOOR LIVE LOAD	40 PSF
1.	DECK LOADING	
	4.1 DECK DEAD LOAD	42 PSF
	4.2 DECK LIVE LOAD	60 PSF
5.	WALL WEIGHTS	
	5.1 TYP WALL DEAD LOAD	17 PSF
3.	SEISMIC PARAMETERS	
	6.1 SEISMIC RISK CATEGORY	11
	6.2 SEISMIC DESIGN CATEGORY	D
	6.3 IMPORTANCE FACTOR. I	1.0
	6.4 SNOW USED AS SEISMIC WT., Ws	34.0 PSF
	6.5 ANALYSIS PROCEDURE USED	EQUIVALENT LATERAL FORCE
	6.6 SPECTRAL RESPONSE ACCEL FRATIONS	
	Ss	0.863g
	Si	0.283g
	Fa	1.00g
	Fv.	1.50g
	Sds	0.664g
	Sat	0.351g
	6 7 SEISMIC FORCE RESISTING SYSTEM	LIGHT-FRAME (WOOD)
	R	65
	Cd	4 0
	0	30
	V	0 102*W
7	WIND PARAMETERS	0.102 11
•	7.1 UI TIMATE DESIGN WIND SPEED	115 MPH
	7 2 WIND RISK CATEGORY	
	7.3 WIND EXPOSURE	 C
	7 4 INTERNAL PRESSURE COFFEICENT	0 18
	7.5 COMPONENTS & CLADDING PRESSURE	16 PSF
R	SOILS CRITERIA	
	8 1 SOIL BEARING PRESSURE	1 500 PSF
	8.2 SOIL SITE CLASS	
	8 3 FROST DEPTH	42 INCHES
	8.4 GEOTECH STUDY USED	YESIGES
		PROJECT #02347-001 ILINE 9 201
	ONCRETE	

CONCRETE

SLUMP ≤ 4"

SLABS AND WALLS

EXTERIOR FLAT WORK, CURBS, GUTTERS, ETC fc = 3500 PSI @ 28 DAYS (MIN)

fc = 4000 PSI RECOMMENDED WATER / CEMENT RATIO ≤ 0.50

5% AIR ENTRAINMENT IN MIN CEMENT 575 LBS / CU YD

FOOTINGS, FOUNDATIONS, INTERIOR SLABS

WATER / CEMENT RATIO ≤ 0.50 fc = 3000 PSI @ 28 DAYS (MIN) SLUMP ≤ 4" MIN CEMENT 504 LBS / CU YD

- ALL CONC WORK SHALL BE PLACED, CURED, STRIPPED, & PROTECTED AS DIRECTED BY THE
- SPECIFICATIONS AND ACI STANDARDS & PRACTICES. DO A GOOD JOB. BEFORE CONCRETE IS POURED CHECK WITH ALL TRADES TO INSURE PROPER PLACEMENT OF ALL
- OPENINGS, SLEEVES, CURBS, CONDUITS, BOLTS, INSERTS, ETC. CONTRACTOR IS RESPONSIBLE FOR DESIGN AND INSTALLATION OF ALL SHORING AND FORM WORK
- REFER TO STRUCTURAL AND ARCHITECTURAL DRAWINGS FOR EMBEDS, MOLDS, GROOVES, ORNAMENT, CLIPS OR GROUNDS, REQUIRED TO BE ENCASED IN CONCRETE AND FLOOR LOCATION OF FLOOR FINISHES AND SLAB DEPRESSIONS.
- IN HOT WEATHER, FOLLOW "RECOMMENDED PRACTICES FOR HOT WEATHER CONCRETING", ACI 305. IN COLD WEATHER, FOLLOW "RECOMMENDED PRACTICES FOR COLD WEATHER CONCRETING", ACI 306. CONCRETE SHALL BE PROTECTED FROM FREEZING DURING DEPOSITION AND FOR NOT LESS THAN 5 DAYS.

#### **SLAB ON GRADE NOTES**

- CONC SLAB ON GRADE SHALL BE 4" MIN THICK: NO REINFORCING REQ'D, U.N.O. 2. SLABS ON GRADE SHALL HAVE A VAPOR RETARDER CONSISTING OF A 6 MIL POLYETHYLENE OR APPROVED VAPOR RETARDER WITH JOINTS LAPPED NOT LESS THAN 6" PLACED BETWEEN THE CONC SLAB AND BASE COURSE
- 3. SUB GRADE PREPARATION SHALL CONSIST OF 4" MIN GRAVEL OR CAPILLARY WATER BARRIER OVER COMPACTED FILL OR NATIVE SOIL
- . FLOOR SLAB JOINTS SHALL BE COSTRUCTION OR CONTROL JOINTS PER DETAIL BELOW.
- ALL SLAB EDGES SHALL BE CHAMFERED 3/4" ON EXPOSED CORNERS U.N.O.

REINF IS NOT REQ'D IN FLOOR SLABS. W.W.F. OR # 4 BAR MAY BE USED BUT REQUIRES 1-1/2" CLR FROM TOP OF SLAB & 3" CLR FROM BOTTOM OF SLAB.

INDICATES TOP OF FOUNDATION WALL INDICATES TOP OF FOOTING

INDICATES FINISHED FLOOR ELEVATION.



SILL PLATE PLAN VIEW



PERMIT SET



5110,	
	4F-V4 DF/DF
	4F-V8 DF/DF
D	OUG FIR #2 BTR
D	OUG FIR #1 BTR
D.	.F. STUD GRADE BTR
D	OUG FIR #2 BTR
	9E DF LVL Fb = 2,800 PSI

.. DOUG FIR #2 BTR

3. STUD WALLS SHALL RUN CONTINUOUS BETWEEN POINTS OF HORIZONTAL SUPPORT. PROVIDE BRACING

. SOLID 2 IN. NOMINAL BLOCKING SHALL BE PROVIDED AT ENDS OR POINTS OF SUPPORT OF ALL WOOD JOISTS AND TRUSSES. CROSS BRIDGING OF NOT LESS THAN 1 IN. X 3 IN. MATERIAL SHALL BE PLACED IN ROWS BETWEEN SUPPORT POINTS, NOT TO EXCEED 8 FT APART, FOR SPANS OF 14 FT AND GREATER. INSTALL

ALL LUMBER IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED LUMBER OR

FOUNDATION REDWOOD. ALL WOOD SUPPORT MEMBERS EXPOSED TO WEATHER SHALL BE TREATED OR PROTECTED TO PREVENT MOISTURE OR WATER ACCUMULATION ON THE SURFACE. ENDS OF UNTREATED WOOD BEAMS ENTERING EXTERIOR MASONRY OR CONCRETE WALLS SHALL HAVE A CLEARANCE OF NOT

FASTENERS SUCH AS STAPLES, CAN ONLY BE SUBSTITUTED FOR NAILS AT A RATE EQUAL TO LOAD VALUES

8. BOLT HOLES SHALL BE 1/16" MAX LARGER THAN THE BOLT SIZE. RETIGHTEN ALL NUTS PRIOR TO CLOSING IN.



	Δ						
	TIMIT	STUD NOTCHING / BORING					
	STUD USE		NOTCH	HOLE			
		BEARING	2X4	7/8"	1-3/8"		
IOE"	(MAX) <u>5/8" (MIN)</u> TO EDGE		2X6	1-3/8"	2-1/8"		
		NON-	2X4	1-3/8"	2"		
	STUD ELEV	BEARING	2X6	2-1/8"	3-1/4"		
	<u></u>						

1-1/2" HOLE MAY BE CUT ANYWHERE IN WEB OUTSIDE OF SHADED ZONE. PROVIDE AT LEAST 3" OF DO NOT CUT HOLES LARGER THAN 1-1/2" ROUND IN CANTILEVERS.

FOR MINIMUM DISTANCE FROM SUPPORTS, SEE MANUFACTURER'S SPECIFICATIONS HOLES ALLOWED PER THIS DETAIL DO NOT OVER-RIDE MFR REQUIREMENTS. IF MFR REQUIREMENTS ARE MORE STRICT, THEY SHOULD BE FOLLOWED.



DETAIL VALID FOR UNIFORMLY LOADED BM ONLY. ADDITIONAL ANALYSIS REQ'D FOR POINT LOADED BEAM. 6. HOLES ALLOWED PER THIS DETAIL DO NOT OVER-RIDE MFR REQUIREMENTS. IF MFR REQUIREMENTS ARE HOLES ALLOWED IN



#### SHEAR WALL NOTES

ALL EXTERIOR WALLS, INTERIOR WALLS INDICATED ON THE PLANS, AND VERTICAL SURFACES AT STEPS IN ROOF SHALL BE SHEATHED WITH APA RATED 24/0 (OR BTR) CDX PANEL SIDING OR OTHER GRADES COVERED IN UBC STANDARD NO. 25-9. TYPICAL NAILING SHALL BE AS INDICATED IN SHEAR WALL

- SCHEDULE. NAIL ALL PANELS WITH INDICATED NAIL SIZE AT 12 IN. O.C. ALONG INTERMEDIATE SUPPORTS BLOCK ALL HORIZONTAL PANEL EDGES WITH 2 IN. NOMINAL OR WIDER FRAMING. FRAMING AT ADJOINING PANEL EDGES SHALL BE 3-INCH NOMINAL OR WIDER AND NAILS SHALL BE STAGGERED WHERE NAILS ARE SPACED 3 INCHES OR LESS ON CENTER.
- ALL SHEATHING SHALL EXTEND CONTINUOUS FROM SILL PLATE TO ROOF OR FLOOR SHEATHING. SEE NOTE 2 ABOVE.
- SHEATHING SHALL EXTEND CONTINUOUS FROM FLOOR FRAMING TO HIGH ROOF FRAMING ON UPPER LEVEL EXTERIOR WALLS ABOVE A LOW ROOF. NAILS SHALL BE SPACED NOT LESS THAN 3/8 IN. FROM EDGES AND ENDS OF SHEATHING AND SHALL BE
- DRIVEN FLUSH BUT SHALL NOT FRACTURE THE SURFACE OF THE SHEATHING. GAP ALL SHEATHING 1/8" AT PANEL EDGES ANCHOR BOLTS FOR ALL SHEAR WALLS SHALL BE SIZED AND SPACED AS INDICATED IN SCHEDULE ABOVE
- WITH 7 IN. MIN EMBED. PLATE WASHERS A MINIMUM OF 3 INCHES BY 3 INCHES BY 1/4 INCH THICK SHALL BE USED ON EACH BOLT.
- STAPLES SHALL BE 16 GA (MIN) X 1 1/2" MIN LENGTH W/ 7/16" MIN CROWN.

#### SHEAR WALL NAILING

1. SHTG MAY BE INSTALLED IN VERT OR HORIZ ORIENTATION. 1/8" GAP AT END JOINTS & 1/16" GAP @ SIDE JOINTS. 2. ALL EXTERIOR WALLS & INTERIOR WALLS INDICATED ON PLANS SHALL BE SHEATHED & NAILED AS SW-1 MIN.

- 3. SHEATHING E.N. REQD @ ALL HOLDOWN POSTS. 4. INTERMEDIATE SHEAR PANELS ARE WALL SECTIONS W/ HEIGHT/WIDTH RATIOS TOO HIGH ("NARROW") TO MEET CODE LIMITS. SHEATH & NAILS SW-1
  - **OVERDRIVEN FASTENER NOTES:**
  - THE CODE REQUIRES THAT SHEAR WALL SHTG NAILS BE DRIVEN FLUSH BUT SHALL NOT FRACTURE THE SURFACE OF THE SHTG.
  - 1. NO REDUCTION IN SHEAR OR ADDITIONAL FASTENERS REQD IF: a. FASTENERS UNIFORMLY OVERDRIVEN BY LESS THAN  $\frac{1}{16}$ "
  - b. FASTENERS RECESSED DUE TO SWELLING FROM MOISTURE. c. WHERE < 20% OF FASTENERS ARE OVERDRIVEN BY <sup>1</sup>/<sub>8</sub>" MAX.

2. WHERE >20% OF FASTENERS ARE OVERDRIVEN, INSTALL ONE ADDITIONAL FASTENER FOR EVERY TWO. 16 GAGE X 1 ½" STAPLES W/ MIN 7/16" CROWN WIDTH MAY BE USED IF ADDITIONAL NAILS ARE SPACED <2".



FOR S.W. TYPES HIGHER > THAN SW-2, LOCATE 3X OR (2) 2X STUDS @ ADJOINING PANEL JOINTS, BOTH HORIZ & VERT W/IN SHEAR PANELS. (2) 2X STUDS TO BE FACE NAILED W/ 10d EACH FACE STAGGERED. MATCH S.W. PANEL NAIL SPACING.

LOCATE PANEL EDGES @ PLATES, BLKG, SOLID RIM JS1 OR OTHER SOLID FRMG MEMBERS

E.N. PERIMETER (EDGE) NAILING



"STRAP OPENINGS" INDICATES SHEAR PANELS THAT ARE FULLY NAILED **INCLUDING ABOVE & BELOW** OPENINGS AS INDICATED BY SHEAR WALL SCHEDULE. ALL OPENINGS SHALL HAVE / CS16 x 2'-0" MIN STRAP TIE FULLY NAILED EACH SIDE & T&B OF OPENINGS. INSTALL SOLID HORIZ

BLOCKING BEHIND STRAPS.

#### ROOF TRUSS NOTES

- TRUSSES SHALL BE DESIGNED FOR THE FOLLOWING MINIMUM UNIFORM LOADS TOP CHORD DEAD LOAD & LIVE LOAD ... . SEE DESIGN CRITERIA
- BOTTOM CHORD DEAD LOAD . 5 PSF (MIN) THE DESIGN ENGINEER SHALL BE NOTIFIED IF HEAVY ROOFING MATERIAL SUCH AS CLAY TILE, ETC. IS USED. EACH TRUSS SHALL BE LEGIBLY BRANDED, MARKED OR OTHERWISE HAVE PERMANENTLY AFFIXED THERETO THE FOLLOWING INFORMATION LOCATED WITHIN 2 FEET OF THE CENTER OF THE SPAN ON THE
- FACE OF THE BOTTOM CHORD: A. IDENTITY OF THE TRUSS MFG.
- B. THE DESIGN LOADS
- C. THE SPACING OF THE TRUSSES
- TRUSSES AND GIRDERS SHALL BE DESIGNED FOR ALL TRIBUTARY LOADING, UNBALANCED SNOW LOADS. EAVE LOADS, DRIFT, AND SLIDING LOADS AS PER LATEST ADOPTED CODES. PROVIDE CALCULATIONS TO EOR FOR RECORDS.
- TRUSSES AND GIRDER LOADS SHALL BE DESIGNED TO SUPPORT ALL MECHANICAL LOADS FROM
- APPLICABLE HVAC EQUIPMENT. 5. GABLE END TRUSSES SHALL BE DESIGNED TO CARRY SUPPORTED LOADS OVER GABLE END WINDOWS AND
- BAYS. 6. DESIGN TRUSSES & GIRDERS TO LIMIT DEFLECTION TO THE SPAN (INCHES) DIVIDED BY 360 (L/360) OR 1 INCH MAX, WHICHEVER IS SMALLER.
- CHECK DIMENSIONS WITH ARCHITECTURAL DRAWINGS AND FIELD VERIFY WITH CONTRACTOR. TRUSS MANUFACTURER IS RESPONSIBLE TO PROVIDE WEB AND CHORD MEMBERS TO SATISFY LOADING AND CONNECTION REQUIREMENTS.
- CONTRACTOR / TRUSS SUPPLIER SHALL SUBMIT SHOP DRAWINGS AND ERECTION DRAWINGS FOR REVIEW BY THE DESIGN ENGINEER PRIOR TO FABRICATION OR ERECTION. SHOP DRAWINGS SHALL BE REVIEWED AND STAMPED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE WHERE THE STRUCTURE RESIDES
- 9. TRUSS PACKAGE SHALL BE SUBMITTED TO THE AUTHORITY HAVING JURISDICTION AS DEFERRED SUBMITTAL AFTER REVIEW BY DESIGN ENGINEER. 10. ALTHOUGH, SUGGESTED CONNECTION HANGER SIZES MAY BE INDICATED ON THE PLANS, ALL TRUSS
- HANGER CONNECTIONS (I.E. TRUSS TO BEAM, TRUSS TO GIRDER TRUSS, AND GIRDER TRUSS TO GIRDER TRUSS) SHALL BE DESIGNED BY THE TRUSS SUPPLIER / MANUFACTURER. CONNECTION HANGER SIZE AND ENGINEERING SHALL BE INCLUDED WITH THE SHOP DRAWINGS.
- 11. TRUSS PRE-ENGINEERED JOINT CONNECTORS SHALL HAVE I.C.C. CERTIFICATION.
- 12. ANY CHANGES TO THE TRUSS CONFIGURATION SHOWN ON PLANS SHALL BE APPROVED IN WRITING BY THE DESIGN ENGINEER PRIOR TO CONSTRUCTION 13. TRUSS LAYOUT SHALL PROVIDE REQUIRED OPENINGS FOR ACCESS PANELS, DOORS, SKYLIGHTS, ETC.

## **ROOF SHEATHING**

1. ALL SHTG: APA RATED EXP 1

- 2. <sup>15</sup>/<sub>32</sub> APA RATED <sup>32</sup>/<sub>16</sub> SHTG MIN RECOMMENDED UNLESS STRONGER PANEL REQD FOR SNOW LOAD (USE MAX SNOW LOAD , P<sub>g</sub>). WITH DRIFTING, ETC. COORDINATE W/ ROOF TRUSS SUPPLIER. 3. NAIL W/ 8d COMMON NAILS (.131" DIA, 2 <sup>1</sup>/<sub>2</sub>" LENGTH)
- 4. TIGHTER NAILING PATTERN AND / OR 10d COMMON NAILS (.148" DIA, 3" LENGTH) MAY BE REQD FOR HIGH LATERAL LOADS. SEE PLANS.



GABLE END KEY PLAN VIEW

#### STRUCTURAL STEEL

5'-0"

ALL STRUCTURAL STEEL SHALL BE ASTM A-992 (EXCEPT FOR TUBE COLUMNS WHICH SHALL BE ASTM A-500-B, Fy = 46 KSI) AND SHALL COMPLY WITH THE "STANDARD SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS"

INCLUDING 12"

OF OVERHANG

- OF THE A.I.S.C. AND WITH THE A.I.S.C. CODE OF STANDARD PRACTICE. ALL BOLTS FOR STEEL TO STEEL, SHALL BE A325, TIGHTEN TO SPECIFIED TORQUE AS PER AISC
- REQUIREMENTS. BOLTS FOR CONCRETE AND STEEL TO WOOD, SHALL BE ASTM A307, U.N.O.
- WELDED REBAR OR BOLTS WILL NOT BE ACCEPTED IN LIEU OF WELDED STUD ANCHORS AND DEFORMED BARS. WELDED STUD ANCHORS AND DEFORMED BARS SHALL BE APPLIED USING MANUFACTURER APPROVED WELDING PROCEDURES.
- . ALL WELDING SHALL CONFORM TO MOST CURRENT ADOPTED ANS D1.1 REQUIREMENTS AND SHALL BE MADE WITH E70XX ELECTRODES BY WELDERS CERTIFIED FOR THE WELD TO BE DONE. CERTIFICATION SHALL BE
- CURRENT WITHIN THE PAST TWELVE MONTHS. 5. ALL BEARING PLATES FOR BMS AND COLUMNS RESTING ON MASONRY OR CONC SHALL BE UNDERLAIN FULLY WITH A HIGH COMPRESSION, NON-SHRINK GROUT.
- 8. PRIOR TO FABRICATION AND ERECTION, SHOP DRAWINGS FOR ALL STL ITEMS SHALL BE REVIEWED BY THE DESIGN ENGINEER. ALL STL SHALL BE PRIMED / PAINTED IN THE SHOP. ALL STL THAT MAY BE EXPOSED TO EXT. SHALL BE SHOP PAINTED TO INHIBIT RUST. WELD AREAS SHALL BE TOUCHED UP IN THE FIELD.
- 9. SPECIAL INSPECTIONS AND TESTING OF WELDS AS REQUIRED BY THE LATEST ADOPTED BUILDING CODE(S) SHALL BE PROVIDED BY THE OWNER. COPIES OF ALL INSPECTION REPORTS SHALL BE FORWARDED TO THE DESIGN ENGINEER.
- 10. U.N.O. ON SPEC. DTLS HIGH-STRENGTH BOLTS ARE REQD TO BE TIGHTENED ONLY TO THE SNUG-TIGHT CONDITION, THE SPECIAL INSPECTOR NEED ONLY VERIFY THAT THE CONNECTED MATERIALS HAVE BEEN DRAWN TOGETHER AND PROPERLY SNUGGED.



ISSUE DATE

PERMIT SET

AUG 04 2017

Aug 10, 2017 9:26am



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	1       KEYED NOTES         1.       RECESS T.O. FDN FOR SLAB         2.       INSTALL 20FT #4 REBAR OR #4 BARE COPPER         WIRE @ B.O. FTG & EXTEND 4FT MIN FROM T.O.         FDN FOR UFFER GROUND. COORDINATE W/         ELECTRICIAN.	
	<ul> <li>A. THIS IS ONE PAGE OF A SET OF PROJECT DOCUMENTS, AND MAY NOT BE USED ALONE. THE CONTRACTOR, SUBCONTRACTORS AND OWNER, AS PART OF THE PROJECT TEAM, SHALL REVIEW AND BE RESPONSIBLE FOR INFORMATION CONTAINED IN ALL PROJECT DOCUMENTS PRIOR TO INITIATION OF ANY WORK ON THE PROJECT.</li> <li>B. DETAILS ARE NOTED ON THE PLANS IN TYPICAL LOCATIONS AND SHALL BE REPEATED WHERE SIMILAR CONDITIONS EXIST. SEE TYPICAL DETAILS AND CENEDAL</li> </ul>	Iricium AE STRUCTURAL ENGINEERING 635 WEST 5300 SOUTH, SUITE 203, SALT LAKE CITY, UT 84123 PHONE: (801) 974-5101 FAX: (801) 974-5102 PROJECT:
	<ul> <li>EXIST. SEE TYPICAL DETAILS AND GENERAL NOTES.</li> <li>C. SEE STRUCTURAL DETAIL SHEETS (S-5XX) FOR STRUCTURAL NOTES &amp; DETAILS</li> <li>D. SEE PLANS, SHEAR WALL NOTES, AND SCHEDULE FOR WALL SHEATHING AND ANCHOR BOLTS. U.N.O. MINIMUM ANCHOR BOLTS SHALL BE 5/8" Ø WITH 7 INCHES MIN EMBED INSTALLED AT 32 INCHES MAX ON CENTER. PLATE WASHERS A MINIMUM OF 3 INCHES BY 3 INCHES BY 1/4 INCH THICK SHALL BE USED ON EACH BOLT.</li> </ul>	8452 E SPRING PARK, LOT 75R POWDER MOUNTAIN, WEBER COUNTY UT
	<ul> <li>E. FOUNDATION WALLS SHALL BE LATERALLYSUPPORTED UNTIL SUPPORT MEMBERS (FLOOR FRAMING AND SLABS) HAVE BEEN INSTALLED.</li> <li>F. BASEMENT WINDOWS SHALL BE INSTALLED TO MEET EGRESS, LIGHT AND VENTILATION REQUIREMENTS PER IBC. WINDOWS, FRAMES AND AREA WELLS ARE FURNISHED AND LOCATED ON SITE BY CONTRACTOR.</li> <li>G. DIMENSIONS SHOWN SHALL BE</li> </ul>	UPWALL DESIGN
<b>FOO</b>		SHEET TITLE:
	CROSSWISE REINFORCING LENGTHWISE REINFORCING	FOOTING &
10"	NO.         SIZE         LENGTH         NO.         SIZE         LENGTH           2         #4         CONT         2         #4         CONT         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2	

B≺

	WIDTU		тыск	CROSSWISE REINFORCING		LENG	STHWI	SE REINFORCING	
	WIDTH	LENGTH	INCK	NO.	SIZE	LENGTH	NO.	SIZE	LENGTH
FC-1.5	1'-6"	CONT	10"				2	#4	CONT
FC-1.7	1'-8"	CONT	10"				2	#4	CONT
FC-2.0	2'-0"	CONT	10"				2	#5	CONT
FC-2.5	2'-6"	CONT	12"				3	#5	CONT
FS-2.5	2'-6"	2'-6"	12"	4	#4	2'-0"	4	#4	2'-0"
FS-3.0	3'-0	3'-0"	12"	4	#4	2'-6"	4	#4	2'-6"
FS-3.5	3'-6"	3'-6"	12"	5	#4	3'-0"	5	#4	3'-0"
FS-4.0	4'-0"	4'-0"	12"	6	#4	3'-6"	6	#4	3'-6"
FS-4.5	4'-6"	4'-6"	12"	6	#4	4'-0"	6	#4	4'-0"
FS-5.0	5'-0"	5'-0"	12"	5	#5	4'-6"	5	#5	4'-6"
FSU-5.5	5'-6"	5'-6"	48"	6	#5	5'-0"	6	#5	5'-0"
FS-6.0	6'-0"	6'-0"	16"	8	#5	5'-6"	8	#5	5'-6"
FS-9.0	9'-0"	9'-0"	16"	8	#5	8'-6"	8	#5	8'-6"

NOTES: -SPACE REINF. EVENLY THROUGH FOOTING W/ 3" CLEARANCE AT OUTSIDE EDGE.

	HOLDOWN SCHEDULE							
MARK	MODEL#	MIN MEMBER THK	MEMBER FASTENERS	A.B. DIA	A.B. EMBED(Ic)	MAX LOAD(LBS)		
HD-1	DTT1Z	1-1/2"	(8) 10dX1-1/2"	3/8"	8"	910		
	DTT2Z	3"	(8) SDS 1/4"X1-1/2"	1/2"	8"	2145		
HD-2	LSTHD8 (RJ)	3"	(16) 16d SINKERS			1610		
	HDU2-SDS2.5	3"	(6) SDS 1/4"X2-1/2"	5/8"	8"	3075		
HD-3	STHD10 (RJ)	3"	(20) 16d SINKERS			2175		
	HDU4-SDS2.5	3"	(10) SDS 1/4"X2-1/2"	5/8"	12"	4565		
HD-4	STHD14 (RJ)	3"	(24) 16d SINKERS			3500		
HD-5	HTT5	3"	(14) SDS 1/4"X2-1/2"	5/8"	12"	5645		
HD-6	HDU8-SDS2.5	3"	(20) SDS 1/4"X2-1/2	7/8"	15"	6765		
HD-7	HHDU11-SDS2.5	5-1/2"	(30) SDS 1/4"X2-1/2	1"	16"	9535		

NOTES: -ALL HOLDOWNS ARE SIMPSON BRAND. EQUIVALENT STRENGTH HD MAY BE USED. -STRONGER HOLDOWN MAY BE USED; HD-2 MAY BE USED IN LIEU OF HD-1 -MULTIPLE OPTIONS FOR HD-X ARE SHOWN TO ALLOW CAST IN PLACE OR POST INSTALLED HOLDOWN -(RJ) INDICATES USE OF STRAPS AT RIM JOIST APPLICATION. NOT REQ'D FOR ALL APPLICATIONS -VALUES SHOWN FOR TENSION ARE FOR 8" MIN FDN WALL THICKNESS.

# DESIGN TEAM GARRETT E. JENKINS AUSTIN L. GREER ROSADER KINGSTON BRADEN JENKINS

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	H H C	
FLOOR BEAM SCHEDU SEE DESIGN CRITERIA FOR LOADING	LE	
MARK SIZE	FOOTNOTES	
FB -1     (2) - 2 X 10 (S)       FB -2     (2) 1-3/4" X 9-1/2" LVL(S)		
FB -3       (1)       1-3/4" X 11-7/8" LVL(S)         FB -4       (3)       1-3/4" X 11-7/8" LVL(S)         FD -5       144/01/202	2 2,5	
FB-5         W10X30           FB-6         W12X72           FD-7         W40X40	5,7 5,7	
FB-7         W10X 19           FB-8         W10X88           FD-9         (2) 1.2(40 × 0.400 × 0.000 × 0.000 × 0.000 × 0.000 × 0.000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.0000 × 0.00000 × 0.00000 × 0.00000 × 0.00000 × 0.00000 × 0.00000 × 0.00000 × 0.00000 × 0.00000 × 0.00000 × 0.00000 × 0.00000 × 0.00000 × 0.00000 × 0.00000 × 0.00000 × 0.00000 × 0.00000000	<u>(</u> 5,7	
гв-э (3) 1-3/4" X 9-1/2" LVL(S) FB-10 W10X45	1 2,5	
FB -12 W10X88 FB -13 (4) 1-3// X 11 7/2" L1// (5)	0           5,7           2.5	
FB -14 W12X136 FB -15 W10X17	<u>2, 5</u> <u>5, 7</u>	Iridium AE
FB -16 W10X39 FB -17 (2) 1-3/4" X 11-7/8" LVL(S)	5,7	
FB -19 W12X190	4,7	635 WEST 5300 SOUTH, SUITE
FB -20 (4) 1-3/4" X 11-7/8" LVL(S)	2 2	03, SALT LAKE CITY, UT 84123
KEY: 1. HEADER 2. FLUSH IN FLOOR		PHONE: (801) 974-5101 FAX: (801) 974-5102
<ol> <li>DROPPED</li> <li>CANTILEVER END OF BEAM</li> <li>ALION WITH WALL POST ABOVE</li> </ol>	PR	OJECT:
<ol> <li>ALIGN WITH WALL/FOST ABOVE</li> <li>T.O. BM = T.O. JOISTS</li> <li>T.O. BM = 1-1/2" BELOW T.O. JOISTS</li> </ol>		ношк
NOTES: -DEEPER AND/OR WIDER MEMBERS MAY BE SUBSTI	TUTED OF	
SAME GRADE. OTHER SUBSTITUTIONS SHALL NOT I PRIOR WRITTEN APPROVAL FROM ENGINEER.		
- ALL EXT. BMS (DECKS, ETC.) SHALL BE EXT. GRADE CLEARLY MARKED. - SEE S-001 FOR REQUIRED BEAM GRADE.		
	8	452 E SPRING PARK, LOT
FLOOR FRAMING PLAN N	<b>OTES</b>      <sup>7.</sup>	5R POWDER MOUNTAIN, WEBER COUNTY UT
A. DETAILS ARE NOTED ON THE PLAN		IENT:
TYPICAL LOCATIONS AND SHALL BI REPEATED WHERE SIMILAR CONDI	E TIONS	
EXIST. SEE TYPICAL DETAILS AND NOTES.	GENERAL	IPWALL DESIGN
B. SEE STRUCTURAL DETAIL SHEETS FOR STRUCTURAL NOTES & DETAIL	(S-5XX) _S.	
<ul> <li>B. SEE STRUCTURAL DETAIL SHEETS FOR STRUCTURAL NOTES &amp; DETAIL</li> <li>C. PLACE 2 STUDS MINIMUM AT ALL BI HEADERS AND GIRDER TRUSS BEA</li> </ul>	(S-5XX) _S. EAMS, RING	
<ul> <li>B. SEE STRUCTURAL DETAIL SHEETS FOR STRUCTURAL NOTES &amp; DETAIL</li> <li>C. PLACE 2 STUDS MINIMUM AT ALL B HEADERS AND GIRDER TRUSS BEA POINTS WITH SPANS GREATER TH FEET, UNLESS NOTED OTHERWISE</li> </ul>	(S-5XX) LS. EAMS, RING IAN SIX	EET TITLE:
<ul> <li>B. SEE STRUCTURAL DETAIL SHEETS FOR STRUCTURAL NOTES &amp; DETAIL</li> <li>C. PLACE 2 STUDS MINIMUM AT ALL B HEADERS AND GIRDER TRUSS BEA POINTS WITH SPANS GREATER TH FEET, UNLESS NOTED OTHERWISE MULTIPLE STUDS AND COLUMNS S EXTEND CONTINUOUS TO FOUND.</li> </ul>	(S-5XX) _S. EAMS, RING IAN SIX HALL ATION OR	EET TITLE:
<ul> <li>B. SEE STRUCTURAL DETAIL SHEETS FOR STRUCTURAL NOTES &amp; DETAIL</li> <li>C. PLACE 2 STUDS MINIMUM AT ALL B HEADERS AND GIRDER TRUSS BEA POINTS WITH SPANS GREATER TH FEET, UNLESS NOTED OTHERWISE MULTIPLE STUDS AND COLUMNS S EXTEND CONTINUOUS TO FOUND, SUPPORTING BEAM BELOW. USE M SOLID BLOCKING AT FLOORS.</li> </ul>	(S-5XX) LS. EAMS, RING IAN SIX HALL ATION OR MULTIPLE	EET TITLE:
<ul> <li>B. SEE STRUCTURAL DETAIL SHEETS FOR STRUCTURAL NOTES &amp; DETAIL</li> <li>C. PLACE 2 STUDS MINIMUM AT ALL B HEADERS AND GIRDER TRUSS BEA POINTS WITH SPANS GREATER TH FEET, UNLESS NOTED OTHERWISE MULTIPLE STUDS AND COLUMNS S EXTEND CONTINUOUS TO FOUND, SUPPORTING BEAM BELOW. USE M SOLID BLOCKING AT FLOORS.</li> <li>D. SEE FLOOR SHEATHING NOTES FO SHEATHING SIZE &amp; NAILING.</li> </ul>	(S-5XX) LS. EAMS, RING IAN SIX - HALL ATION OR IULTIPLE R FLOOR	EET TITLE:
<ul> <li>B. SEE STRUCTURAL DETAIL SHEETS FOR STRUCTURAL NOTES &amp; DETAIL</li> <li>C. PLACE 2 STUDS MINIMUM AT ALL B HEADERS AND GIRDER TRUSS BEA POINTS WITH SPANS GREATER TH FEET, UNLESS NOTED OTHERWISE MULTIPLE STUDS AND COLUMNS S EXTEND CONTINUOUS TO FOUND. SUPPORTING BEAM BELOW. USE N SOLID BLOCKING AT FLOORS.</li> <li>D. SEE FLOOR SHEATHING NOTES FO SHEATHING SIZE &amp; NAILING.</li> <li>E. AT FLUSH BEAMS USE SIMPSON LE (WEB JOISTS) OR JB SERIES (WOOI</li> </ul>	(S-5XX) LS. EAMS, RING IAN SIX HALL ATION OR IULTIPLE R FLOOR SV SERIES D JOISTS)	MAIN LEVEL FRAMING PLAN
<ul> <li>B. SEE STRUCTURAL DETAIL SHEETS FOR STRUCTURAL NOTES &amp; DETAIL</li> <li>C. PLACE 2 STUDS MINIMUM AT ALL B HEADERS AND GIRDER TRUSS BEA POINTS WITH SPANS GREATER TH FEET, UNLESS NOTED OTHERWISE MULTIPLE STUDS AND COLUMNS S EXTEND CONTINUOUS TO FOUND, SUPPORTING BEAM BELOW. USE M SOLID BLOCKING AT FLOORS.</li> <li>D. SEE FLOOR SHEATHING NOTES FO SHEATHING SIZE &amp; NAILING.</li> <li>E. AT FLUSH BEAMS USE SIMPSON LE (WEB JOISTS) OR JB SERIES (WOOI TOP FLANGE JOIST HANGERS EAC U.N.O.</li> </ul>	(S-5XX) S. EAMS, RING IAN SIX HALL ATION OR MULTIPLE R FLOOR SV SERIES D JOISTS) CH JOIST	EET TITLE: MAIN LEVEL FRAMING PLAN
<ul> <li>B. SEE STRUCTURAL DETAIL SHEETS FOR STRUCTURAL NOTES &amp; DETAIL</li> <li>C. PLACE 2 STUDS MINIMUM AT ALL B HEADERS AND GIRDER TRUSS BEA POINTS WITH SPANS GREATER TH FEET, UNLESS NOTED OTHERWISE MULTIPLE STUDS AND COLUMNS S EXTEND CONTINUOUS TO FOUND. SUPPORTING BEAM BELOW. USE N SOLID BLOCKING AT FLOORS.</li> <li>D. SEE FLOOR SHEATHING NOTES FO SHEATHING SIZE &amp; NAILING.</li> <li>E. AT FLUSH BEAMS USE SIMPSON LE (WEB JOISTS) OR JB SERIES (WOOI TOP FLANGE JOIST HANGERS EAC U.N.O.</li> <li>F. ARRANGE JOIST LOCATIONS AT BA AND KITCHEN AREAS TO AVOID CO</li> </ul>	(S-5XX) LS. EAMS, RING HAN SIX HALL ATION OR AULTIPLE R FLOOR SV SERIES D JOISTS) CH JOIST THROOM WFLICT	MAIN LEVEL FRAMING PLAN
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<ul> <li>B. SEE STRUCTURAL DETAIL SHEETS FOR STRUCTURAL NOTES &amp; DETAIL</li> <li>PLACE 2 STUDS MINIMUM AT ALL B HEADERS AND GIRDER TRUSS BEA POINTS WITH SPANS GREATER TH FEET, UNLESS NOTED OTHERWISE MULTIPLE STUDS AND COLUMNS S EXTEND CONTINUOUS TO FOUND SUPPORTING BEAM BELOW. USE N SOLID BLOCKING AT FLOORS.</li> <li>D. SEE FLOOR SHEATHING NOTES FO SHEATHING SIZE &amp; NAILING.</li> <li>E. AT FLUSH BEAMS USE SIMPSON LE (WEB JOISTS) OR JB SERIES (WOOI TOP FLANGE JOIST LOCATIONS AT BA AND KITCHEN AREAS TO AVOID CC WITH PLUMBING.</li> <li>F. ARRANGE JOIST SUNDER FIREPLACE MAY NEED SPACING REDUCED AND SUBSTITUTED W/ LVL'S TO SUPPO ADDED LOADING. VERIFY W/ ENGIN</li> <li>HOT TUBS OR OTHER OWNER INST ITEMS THAT IMPOSE HEAVY LOADS STRUCTURAL MEMBERS WILL REC ADDITIONAL ENGINEERING IF NOT ON ORIGINAL PLANS USED FOR DE STRUCTURAL MEMBERS WILL REC ADDITIONAL ENGINEERING IF NOT ON ORIGINAL PLANS USED FOR DE STRUCTURAL MEMBERS WILL REC ADDITIONAL ENGINEERING IF NOT ON ORIGINAL PLANS USED FOR DE STRUCTURAL MEMBERS MAY NEE INCREASED FOR THE ADDITIONAL I LOADING.</li> <li>ALL LUMBER IN CONTACT WITH CO OR MASONRY SHALL BE PRESSURI TREATED LUMBER OR FOUNDATIO REDWOOD. ALL WOOD SUPPORT M EXPOSED TO WEATHER SHALL BE OR PROTECTED TO PREVENT MOI WATER ACCUMULATION ON THE SU</li> </ul>	(S-5XX) S. EAMS, RING IAN SIX HALL ATION OR JULTIPLE R FLOOR V SERIES D JOISTS) CH JOIST THROOM NFLICT HEARTHS D/OR RT THE IEER. ALLED S ON QUIRE SHOWN SIGN. ED TO BE MPOSED NCRETE E N AEMBERS TREATED STURE OR JRFACE. BE 3/4 IN., SHANK NDS, R WALLS VALLS VALLS C, AI ONG	EET TITLE: MAIN LEVEL RAIN LEVEL RAMING PLAN DESIGN TEAM AD: GARRETT E. JENKINS AUSTIN L. GREER ROSADER KINGSTON BRADEN JENKINS COPYRIGHT - ALL RIGHTS RESERVED ROSADER KINGSTON BRADEN JENKINS DERAWN BY: ARK, BBJ CHECKED BY: GEJ, ALG ISUE DATE: A C C C C C C
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STATUS PERMIT SET

BEARING WALL HEIGHT SCEHDULE								
WALL	WALL STUD LUMBER PERP. PARA.							
TYPE	TYPE SPAC'G GRADE FRMG FRMG							

2x4	16"	DOUG FIR	8'-0"	9'-0"
2x4	12"	DOUG FIR	9'-0"	10'-0"
2x6	16"	DOUG FIR	14'-0"	14'-6"
2x6	12"	DOUG FIR	16'-0"	16'-0"
1-3/4" x 5-1/2" LSL STUDS	16"	1.55 E LSL	15'-0"	15'-0"
1-3/4" x 5-1/2" LSL STUDS	12"	1.55 E LSL	16'-6"	16'-6"
DBL 2x6	16"	DOUG FIR	18'-6"	18'-6"
DBL LSL	16"	1.55 E LSL	19'-0"	19'-0"
LSL 7-1/4"	16"	1.55 E LSL	20'-0"	20-0"

1. TABLE DESIGNED FOR 115 MPH EXPOSURE 'C' 50 PSF FLAT ROOF SNOW LOAD 2. FRAMING PERP. TO WALL SHALL NOT EXCEED 45'-0" SPAN. CONTACT ENGINEER FOR MAX HT OF STUDS SUPPORTING LONGER SPANS THAN

45'-0" 3. MAX HT. REFERS TO UN-BRACED WALL HEIGHTS.

4. FULL HEIGHT STUD WALLS WHICH ARE BRACED LATERALLY (TRUSSES OR RAFTERS) WALL HEIGHTS MAY BE REDUCED TO THE POINT AT WHICH THE FIRST LATERAL BRACE OCCURS. SPECIAL STUD SPACING CONDITIONS TO BE NOTED ON FRAMING PLANS.

## **KEYED NOTES**

- FB-18 HIGH CANTILEVERS OVER TOP OF FB-19 TO SUPPORT HSS ABOVE. FB-18 HIGH SHALL BE FLUSH IN FLOOR W/ FB-19 DIRECTLY BELOW. FB-20 LOW IS FLUSH IN DECK TO SUPPORT DECK JOISTS. HANG FB-20 LOW INTO FB-19 PER DTL DD/S-501.
- HANG FB-19 INTO FB-11 PER DTL CC/S-501. T.O. FB-11 = T.O. FB-19.
- 3. AT SHADED AREA, BLOCK PANEL EDGES & NAIL SHTG W/ 10d NAILS @ 4" O.C. EDGES & 8" O.C. FIELD. . INSTALL DECO 18" CHANNEL AT PERIMETER OF

FJ	11-7/8" FLOOR JOIST SCHDL								
	40 PSF LIVE L	OAD AND	0 12 PSF DE	AD LOAD					
MARK	SERIES	MAX SPAN	SPACING	FLANGE WIDTH					
	TJI 110	18'-5"	16"	1-3/4"					
FJ-1	LPI 18	18'-1"	16"	2-1/2"					
	BCI 5000 - 1.7	18'-5"	16"	2"					
	TJI 210	19'-3"	16"	2-1/16"					
FJ-2	LPI 20+	19'-4"	16"	2-1/2"					
	BCI 6000 - 1.8	19'-5"	16"	2-5/16"					
	TJI 230	19'-10"	16"	2-5/16"					
FJ-3	LPI 32+	20'-2"	16"	2-1/2"					
	BCI 6500 - 1.8	20'-0"	16"	2-9/16"					
	TI 360	20'-11"	16"	2-5/16"					
FJ-4	LPI 36	21'-0"	16"	2-1/4"					
	BCI 60 - 2.0	21'-3"	16"	2-5/16"					
	TJI 560	23'-8"	16"	3-1/2"					
FJ-5	LPI 56	24'-1"	16"	3-1/2"					
	BCI 90 - 2.0	23'-11"	16"	3-1/2"					
NOTES: -SPAN RE	PRESENTS CI R I	DIST. BFT		PORTS					

## -SHTG SHALL BE GLUED AND NAILED FOR MAX SPANS.

## POST SCHEDULE

DF X.X	POST SC	HEDULE
MARK	DESCRIPTION	GRADE/ NOTES
DF-2	(2) STUDS/TRIMMERS	DF#2
DF-3	(3) STUDS/TRIMMERS	DF#2
DF-4	(4) STUDS/TRIMMERS	DF#2
DF-4.4	4 x 4 POST	DF#1 or BTR
DF-4.6	4 x 6 POST	DF#1 or BTR
DF-6.6	6 x 6 POST	DF#1 or BTR
TS-4.4	HSS 4 x 4 x 1/4	A500-GR.B-46
TS-6.6	HSS 6 x 6 x 3/8	A500-GR.B-46
NOTES: -POST SIZ INCREAS CONTRAC -ADDITIO PROVIDE -ALL BUIL	ZE IS MINIMUM REQ'D. SIZ ED FOR ARCHITECTURAL CTOR PREFERENCE. NAL STUDS TO BE USED I FULL BM BEARING T UP POSTS SHALL BE BL	E & GRADE MAY BE DETAILING OR JNDER WIDE BMS TO JII T FROM STUDS TO

MATCH WALL THICKNESS.

- T&G APA RATED 48/24 EXPOSI SHEATHING NAILED WITH 8d R NAILS AT 6 IN. O.C. AT ALL PAN SUPPORTED EDGES, TOP OF \$ (ALL EXTERIOR WALLS ARE SH AND ALL BLOCKING; 8d AT 12 INTERMEDIATE FRAMING MEM SHALL BE SPACED AT 3/8 IN. M OF PANEL.
- B. LAY SHEATHING WITH FACE G ANGLES TO FRMG W/ END JOI STAGGERED (SEE TYP DETAILS).
- C. BLOCK JOISTS SOLID AT ALL BEARING POINTS.

- DECK SEE ARCH PLANS
- NOTES. B. SEE STRUCTURAL DETAIL SHE FOR STRUCTURAL NOTES & D C. PLACE 2 STUDS MINIMUM AT A HEADERS AND GIRDER TRUSS POINTS WITH SPANS GREATE FEET, UNLESS NOTED OTHER MULTIPLE STUDS AND COLUM EXTEND CONTINUOUS TO FC SUPPORTING BEAM BELOW. SOLID BLOCKING AT FLOORS D. SEE FLOOR SHEATHING NOTE



	CHK A
	NOIG
	REVIS
	635 WEST 5300 SOUTH, SUITE 203, SALT LAKE CITY, UT 84123
	FAX: (801) 974-5101 FAX: (801) 974-5102
Image: Text and text a	HOILIS
FOR PORTAL FRAME, SEE DETAIL. 2. STRUCTURAL FASCIA SHALL BE 1-3/4" x 11-7/8" LVL w/ BACK SPAN SUPPORTED BY CANTILEVERED JOISTS.	
ATTACH FASCIA TO JOISTS W/ UPSIDE DOWN LSSU HANGERS AT EACH JOIST. STRAP BEAM TO POST W/ CS16 STRAP 24" LONG. INSTALL STRAP ON EA. SIDE	
<ol> <li>STRAP BEAM TO POST W/ CS16 STRAP 24" LONG ON EACH SIDE OF POST. CONNECT POST TO FDN W/ HDU2 HOLDOWN.</li> </ol>	8452 E SPRING PARK, LOT
	WEBER COUNTY UT
ROOF FRAMING PLAN NOTES	CLIENT:
A. DETAILS ARE NOTED ON THE PLANS IN TYPICAL LOCATIONS AND SHALL BE REPEATED WHERE SIMILAR CONDITIONS	UPWALL DESIGN
EXIST. SEE TYPICAL DETAILS AND GENERAL NOTES. B SEE STRUCTURAL DETAIL SHEETS FOR	
STRUCTURAL NOTES & GENERAL USE DETAILS.	SHEET TITLE:
<ul> <li>D. SEE TRUSS NOTES FOR ROOF TRUSSES</li> <li>D. SEE TRUSS NOTES FOR ROOF TRUSSES</li> </ul>	
SIZE & NAILING. BOTH ON S-001	ROOF FRAMING
E. PLACE 2 STUDS MINIMUM AT ALL BEAMS, HEADERS AND GIRDER TRUSS BEARING POINTS WITH SPANS GREATER THAN SIX	PLAN
FEET, UNLESS NOTED OTHERWISE. MULTIPLE STUDS AND COLUMNS SHALL EXTEND CONTINUOUS TO FOUNDATION OR	
SUPPORTING BEAM BELOW. USE MULTIPLE SOLID BLOCKING AT FLOORS. F. COORDINATE ALL TRUSS CONFIGURATIONS	
<ul><li>W/ DESIGN PLANS. SEE ROOF TRUSS NOTES.</li><li>G. OVER BUILT AREAS ARE SHOWN SHADED.</li><li>SEE OVER BUILD DETAIL(S).</li></ul>	AUSTIN L. GREER
H. ALL TRUSS HANGERS TO BE SPECIFIED BY TRUSS MANUFACTURER.	ROSADER KINGSTON
	BRADEN JENKINS
RB -1         (3) - 2 × 10 (S)         1           RB -2         (2) 1-3/4" X 9-1/2" LVL(S)         1           RB -3         (3) 1-3/4" X 14" LVL(S)         1	
RB -4         (3)         1-3/4" X         14" LVL(S)         2 OR 3           RB -5         (3)         1-3/4" X         11-7/8" LVL(S)         1           RB -6         W12X35         3         3	
RB -7         W12X35         3           RB -8         W10X19         1           RB -9         W10X26         1	
RB -10         W10X88         3           RB -11         W12X136         3           RB -12         W12X45         3	COPYRIGHT - ALL RIGHTS RESERVED 1978 COPYRIGHT ACT. USE &/OR REPRODUCTION
RB -13         (2)         1-3/4" X 14" LVL(S)         2           RB -14         W12X65         3	BY PRIOR WRITTEN PERMISSION ONLY
NET:       1.       HEADER       2.       FLUSH IN ROOF       3.       SLOPED WITH ROOF	CHECKED BY: GEJ, ALG
4. CANTILEVER END OF BEAM 5. T.O. BEAM = B.O. TRUSSES/JOISTS	ISSUE DATE: AUG 04 2017 PLOT DATE:
-DEEPER AND/OR WIDER MEMBERS MAY BE SUBSTITUTED OF SAME GRADE. OTHER SUBSTITUTIONS SHALL NOT BE MADE W/O PRIOR WRITTEN APPROVAL FROM ENGINEER. - ALL EXT, BMS (DECKS, FTC.) SHALL BE FXT, GRADE & SHALL BE	Aug 10, 2017 9:26am
CLEARLY MARKED. -HEADERS <7'-0" WIDE @ GABLE END WALLS ARE NOT REQUIRED WHEN STRUCTURAL GABLE TRUSSES ARE USED. - SEE S-001 FOR REQUIRED BEAM GRADE	

BEARI	NG	WALI	_ HEIGI	HT SCEH	IDULE
WALL TYPE		STUD SPAC'G	LUMBER GRADE	PERP. FRMG	PARA. FRMG
2x4		16"	DOUG FII	R 8'-0"	9'-0"
2x4		12"	DOUG FII	R 9'-0"	10'-0"
2x6		16"	DOUG FII	R 14'-0"	14'-6"
2x6		12"	DOUG FII	R 16'-0"	16'-0"
1-3/4" x 5- LSL STU	-1/2" IDS	16"	1.55 E LS	L 15'-0"	15'-0"
1-3/4" x 5-	-1/2" IDS	12"	1.55 E LS	L 16'-6"	16'-6"
DBL 2x	6	16"	DOUG FII	R 18'-6"	18'-6"
DBL LS	SL	16"	1.55 E LS	L 19'-0"	19'-0"
LSL 7-1	/4"	16"	1.55 E LS	L 20'-0"	20-0"
NOTES: 1. TABLE DES SNOW LOAD 2. FRAMING ENGINEER F 45'-0" 3. MAX HT. R 4. FULL HEIG (TRUSSES O POINT AT WH SPACING CC	SIGNE PERP. OR MA REFER: GHT ST R RAF HICH T DNDITIO	D FOR 115 N TO WALL S XX HT OF ST S TO UN-BR UD WALLS TERS) WAL HE FIRST L DNS TO BE	MPH EXPOSUF HALL NOT EX TUDS SUPPOR ACED WALL H WHICH ARE B L HEIGHTS MA ATERAL BRAC NOTED ON FF	RE 'C' 50 PSF FL CEED 45'-0" SP/ RTING LONGER IEIGHTS. RACED LATER/ AY BE REDUCEI SE OCCURS. SP RAMING PLANS.	AT ROOF AN. CONTACT SPANS THAN ALLY D TO THE ECIAL STUD
DF X.X		PC	ST SCI	HEDULE	
MARK	[	DESCRIF	TION	GRADE/	NOTES
DF-2	(2) S	STUDS/TI	RIMMERS	DF#	<b>‡</b> 2
DF-3	(3) S	TUDS/TI	RIMMERS	DF#	<b>#</b> 2
DF-4	(4) S	STUDS/TI	RIMMERS	DF#	‡2
DF-4.4	4 x	4 POST		DF#1 o	r BTR
DF-4.6	4 x	6 POST		DF#1 o	r BTR

MARK		
	DESCRIPTION	GRADE/ NOTES
DF-2	(2) STUDS/TRIMMERS	DF#2
DF-3	(3) STUDS/TRIMMERS	DF#2
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DF-6.6	6 x 6 POST	DF#1 or BTR
TS-4.4	HSS 4 x 4 x 1/4	A500-GR.B-46
TS-6.6	HSS 6 x 6 x 3/8	A500-GR.B-46

NOTES: -POST SIZE IS MINIMUM REQ'D. SIZE & GRADE MAY BE INCREASED FOR ARCHITECTURAL DETAILING OR CONTRACTOR PREFERENCE. -ADDITIONAL STUDS TO BE USED UNDER WIDE BMS TO

PROVIDE FULL BM BEARING -ALL BUILT UP POSTS SHALL BE BUILT FROM STUDS TO MATCH WALL THICKNESS.

- TRUSS MANUFACTURER. **ROOF BEAM SCHEDULE**
- MARK SIZE RB -1 (3) 2 X 10 (S) FOOTNO 1 
   RB -2
   (2)
   1-3/4" X 9-1/2" LVL(S)

   RB -3
   (3)
   1-3/4" X 14" LVL(S)

   RB -4
   (3)
   1-3/4" X 14" LVL(S)

   RB -5
   (3)
   1-3/4" X 11-7/8" LVL(S)
   2 OR 
   RB -6
   W12X35

   RB -7
   W12X35

   RB -8
   W10X19
   RB -9 W10X26 RB -10 W10X88 RB -11 W12X136
- RB -12 W12X450 RB -12 W12X45 RB -13 (2) 1-3/4" X 14" LVL(S) RB -14 W12X65
- **<u>KEY:</u>** 1.



1. /	AT SHADED AREA, BLOCK PANEL EDGES & NAIL SHTG W/ 10d NAILS @ 4" O.C. EDGES & 8" O.C. FIE
	SHEAR WALL PLAN NOTES
A.	ALL HD AND ST CALLOUTS SHOWN SHALL E
В.	SEE SHEAR WALL NOTES AND NAILING REQUIREMENTS ON S-001
C.	DETAILS ARE NOTED ON THE PLANS IN TYPICAL LOCATIONS AND SHALL BE REPEATED WHERE SIMILAR CONDITIONS EXIST. SEE TYPICAL DETAILS AND GENERANOTES.
D.	SEE STRUCTURAL DETAIL SHEETS (S-5XX)

- FOR STRUCTURAL NOTES & GENERAL US DETAILS.
- E. SEE DESIGN PLANS FOR DIMENSIONS. DO
- NOT SCALE STRUCTURAL DRAWINGS. F. "STRAP OPENINGS" INDICATES STRAPS AT OPENINGS. SEE SHEAR NAILING ON S-001.

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)	<u>N</u> 1/	<b>//AIN</b> 8"=1'-0"	ILEV	EL	SHE 8'	EAR	WAL	L PLA	<b>AN</b> 32'	845 75R CLIENT	2 E SPR POWD VEBER	ING PA ER MOI COUNT	, RK UN TY I
)	<u>Ν</u> 1/	<b>/IAIN</b> 8"=1'-0"	I LEV	EL , 2'	SHE 8'	EAR	<b>WAL</b>	<u>_L PL</u> 4	<b>AN</b> 32'	845 75R V CLIENT	2 E SPR POWD WEBER	ING PA ER MOI COUNT	
)	<u>N</u> 1/	<b>//AIN</b> 8"=1'-0"	I LEV	EL , 2'	SHE 8' AP TIE	EAR	<b>WAL</b> <sup>16'</sup> 20	<u>L PL</u>	<b>AN</b> 32'	845 75R V CLIENT	2 E SPR POWD WEBER	ING PA ER MOI COUNT	
) ST MARK ST-1	<u></u> 1/ тіе СS16	<b>1AIN</b> 8"=1'-0" TY FLOOR		EL , 2' STR	SHE 8' AP TIE WABLE ON (LBS) 1705	SCHED	ULE TENERS QUIRED 0) 10d	<u>L PL</u>	AN 32'	845 75R V CLIENT UF	2 E SPR POWD VEBER	ING PA ER MOI COUNT	(RK UN IY (
ST-1 ST-2	N 1/ <b>TIE</b> CS16 CS14 MST60	<b>IAIN</b> 8"=1'-0" TY FLOOR FLOOR FLOOR	DILEV 0 DI DI DI DI DI DI DI DI DI DI DI DI DI	EL , 2' STR ALLC TENSI 1 2 5	<b>SHE</b> 8' <b>AP TIE</b> <b>WABLE</b> <b>ON (LBS)</b> 1705 2490 5240	SCHEDI SCHEDI FAS REC (2 (2 (2 (4	<b>WAL</b> 16' 20 <b>ULE</b> <b>TENERS</b> <b>DUIRED</b> 0) 10d 6) 10d 0) 16d	<u>L PL</u> )' 11" EN 15" EN	AN 32'	845 75R CLIENT UF		ING PA ER MOI COUNT	
ST-1 ST-2 ST-3 ST-4	TIE CS16 CS14 MST60 HTT5 FTA7	<b>1AIN</b> 8"=1'-0" FLOOR FLOOR FLOOR FLOOR FLOOR	DILEV 0 DINC DINC TO FLOOR TO FLOOR TO FLOOR TO FLOOR TO FLOOR TO FLOOR	EL , 2' STR ALLC TENSI 1 2 5 5 7	<b>SHE</b> 8' <b>AP TIE</b> <b>WABLE</b> <b>DWABLE</b> 2490 5240 5090 7600	EAR SCHED FAS REC (2 (2 (2 (4 (26) 16) (6) 7/8	<b>WAL</b> 16' 20 <b>ULE</b> <b>TENERS</b> <b>DUIRED</b> 0) 10d 6) 10d 0) 16d d SINKERS "Ø BOLTS	D'	AN 32'	845 75R CLIENT UF	2 E SPR POWD WEBER PWAL	ING PA ER MOI COUNT	
ST-1 ST-2 ST-3 ST-4	N 1/ 1/ 5 5 5 5 5 7 7 7	<b>1AIN</b> 8"=1'-0" FLOOR FLOOR FLOOR FLOOR FLOOR	DILEV 0 DINC DINC TO FLOOR TO FLOOR TO FLOOR TO FLOOR TO FLOOR TO FLOOR	EL , 2' STR ALLC TENSI 1 2 5 5 7 HC	<b>SHE</b> 8' <b>AP TIE</b> <b>WABLE</b> <b>DWABLE</b> 2490 5240 5090 7600	SCHED SCHED FAS REC (2 (2 (4 (26) 16 (6) 7/8 N SCHE	<b>VVAL</b> 16' 20 <b>ULE</b> <b>TENERS</b> <b>QUIRED</b> 0) 10d 6) 10d 0) 16d d SINKERS "Ø BOLTS	D'	AN 32'	845 75R CLIENT UF	2 E SPR POWD WEBER PWAL	ING PA ER MOI COUNT	
ST-1 ST-2 ST-3 ST-4	N 1/ 1/ 1/ 1/ 1/ 1/ 1/ 1/ 1/ 1/ 1/ 1/ 1/	AIN 8"=1'-0" FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR	P LOC TO FLOOR TO FLOOR TO FLOOR TO FLOOR TO FLOOR TO FLOOR TO FLOOR	EL , 2' STR ALLC TENSI 1 2 5 5 7 7 HC	SHE 8' AP TIE 2490 5240 5090 7600 DLDOW MEMB FASTEN	EAR SCHED FAS REC (2 (2 (4 (26) 16 (6) 7/8 N SCHE ER ERS A 4/01	VVAL 16' 20 ULE TENERS QUIRED 0) 10d 6) 10d 0) 16d d SINKERS "Ø BOLTS <b>DULE</b> A.B. DIA	D'	32'	845 75R CLIENT UF	2 E SPR POWD WEBER PWAL	ING PA ER MOI COUNT	
ST-1 ST-2 ST-3 ST-4 MARK HD-1 HD-2	N 1/ 1/ TIE CS16 CS14 MST60 HTT5 FTA7 FTA7 MOI DT DT	<b>IAIN</b> 8"=1'-0"         FLOOR         Second Reling	PLOC TO FLOOR TO FLOOR	EL , 2' STR ALLC TENSI 1 2 5 5 7 7 HC	SHE 8' AP TIE 2490 5240 5090 7600 <b>DLDOW</b> <b>MEMB</b> FASTEN (8) 10dX (8) SDS 1/4 (16) 16d S	EAR SCHED FAS REC (2 (2 (4 (26) 16 (6) 7/8 N SCHE ER ERS 1-1/2" "X1-1/2" NKERS	<b>VVAL</b> 16' 20 <b>ULE</b> <b>TENERS</b> <b>DULE</b> 0) 10d 6) 10d 0) 16d d SINKERS "Ø BOLTS <b>DULE</b> <b>A.B.</b> <b>DIA</b> 3/8" 1/2"	LPLA )' 11" EN 11" EN 15" EN 3" x 3-1/2" 3-1/2" M EMBED(Ic) 8" 8"	AN 32'	B45 75R CLIENT UF	2 E SPR POWD VEBER PWAL		
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ST-1 ST-2 ST-3 ST-4 MARK HD-1 HD-2 HD-3 HD-4	N 1/ 1/ TIE CS16 CS14 MST60 HTT5 FTA7 FTA7 MOI DT DT LSTHI HDU2- STHD HDU2- STHD HDU4- STHD	<b>1</b> AIN 8"=1'-0" 8"=1'-0" FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR	DILEV 0 DILOC TO FLOOR TO TO FLOOR TO TO TO TO TO TO TO TO TO TO TO TO TO TO TO TO TO TO TO TO TO TO TO TO TO TO TO TO TO TO TO TO TO TO TO TO T	EL , 2' STR 1 2 5 5 7 HC	SHE 8' AP TIE 2490 5240 5090 7600 <b>DLDOW</b> 600 7600 7600 7600 7600 7600 7600 7600	SCHED SCHED FAS (2 (2 (4 (26) 16 (6) 7/8 N SCHE ER ERS 1-1/2" "X1-1/2" "X1-1/2" "X1-1/2" NKERS "X2-1/2" NKERS 4"X2-1/2" NKERS	ULE 16' 20 ULE TENERS QUIRED 0) 10d 6) 10d 0) 16d d SINKERS "Ø BOLTS <b>DULE</b> A.B. DIA 3/8" 1/2" 5/8"	LPLA )' 11" EN 11" EN 15" EN 3" x 3-1/2" 3-1/2" M BENBED(Ic) 8" 8" 8" 12"	32' 32'	B45 75R CLIENT SHEET	2 E SPR POWD VEBER PWAL	ING PA ER MOI COUNT L DE AR W/ ANS ANS SITT E. J STIN L. DER KIN	
ST-1 ST-2 ST-3 ST-4 MARK HD-1 HD-2 HD-3 HD-4 HD-5 HD-6	TIE CS16 CS14 MST60 HTT5 FTA7 MOI DT DT LSTHI HDU2- STHD HDU4- STHD HDU4- STHD HDU4- STHD	<b>1</b> AIN 8"=1'-0" 8"=1'-0" FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR	Display the second state of the second state o	EL , 2' STR 1 2 5 5 7 1 2 5 5 7 7 1 2 5 5 7 7 1 2 5 5 7 7 1 2 5 5 7 7 1 2 5 5 7 7 1 2 5 5 7 7 1 2 5 7 7 1 2 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	SHE 8' AP TIE 2490 5240 5090 7600 <b>DLDOW</b> 600 7600 7600 7600 7600 7600 7600 7600	SCHED SCHED FAS (2 (2 (2 (4 (26) 16 (6) 7/8 N SCHE ER ERS 1-1/2" "X1-1/2" "X1-1/2" NKERS "X2-1/2" NKERS 4"X2-1/2" NKERS 4"X2-1/2" 4"X2-1/2"	VVAL 16' 20 ULE TENERS 0) 10d 6) 10d 0) 16d d SINKERS "Ø BOLTS <b>DULE</b> A.B. DIA 3/8" 1/2" 5/8" 5/8" 5/8"	LPLA )' 11" EN 11" EN 15" EN 3" x 3-1/2" 3-1/2" M 8" 8" 8" 8" 12" 12" 12" 15" 12"	32' 32'	B45 75R CLIENT SHEET	2 E SPR POWD VEBER PWAL	ING PA ER MOI COUNT	
ST         MARK         ST-1         ST-2         ST-3         ST-4         MARK         HD-1         HD-2         HD-3         HD-4         HD-5         HD-6         HD-7         NOTES:	<u>ТІЕ</u> СS16 СS14 MST60 HTT5 FTА7 MOI DT DT LSTHI HDU2- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD	<b>IAIN</b> 8"=1'-0"         8"=1'-0"         FLOOR         FLOOR         FLOOR         FLOOR         FLOOR         FLOOR         SDS2.5         10 (RJ)         SDS2.5         10 (RJ)         SDS2.5         14 (RJ)         T5         SDS2.5         1-SDS2.5	<b>I LEV</b> 0 <b>P LOC</b> TO FLOOR TO FLOOR	EL , 2' STR ALLC TENSI 1 2 5 7 HC IK	SHE 8' AP TIE 2490 5240 5090 7600 <b>DLDOW</b> <b>BEB</b> 7600 7600 7600 7600 7600 7600 7600 760	SCHED SCHED FAS (2 (2 (2 (4 (26) 16 (6) 7/8 N SCHE ER S 1-1/2" "X1-1/2" "X1-1/2" "X2-1/2" NKERS 4"X2-1/2" NKERS 4"X2-1/2" 4"X2-1/2 AT NCENS	VVAL 16' 20 ULE TENERS QUIRED 0) 10d 6) 10d 0) 16d d SINKERS "Ø BOLTS <b>DULE</b> A.B. DIA 3/8" 1/2" 5/8" 5/8" 5/8" 7/8" 1"	LPLA )'	32' 32'	SHEET	2 E SPR POWD VEBER PWAL	ING PA ER MOI COUNT	
Imark         MARK         ST-1         ST-2         ST-3         ST-4         Imark         HD-1         HD-2         HD-3         HD-3         HD-4         HD-5         HD-6         HD-7         NOTES:         -ALL HO         -STRON         -MULTIF         -(R.1)	TIE CS16 CS14 MST60 HTT5 FTA7 MOI DT DT LSTHI HDU2- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD STHD HDU4- STHD STHD STHD STHD STHD STHD STHD STHD	<b>IAIN</b> 8"=1'-0"         8"=1'-0"         FLOOR         SDS2.5         10 (RJ)         SDS2.5         14 (RJ)         TT5         SDS2.5         ARE SIMPS         OWN MAY         NS FOR HI         JSF OF ST	DEC TO FLOOR TO FLOOR T	EL , 2' STR ALLC TENSI 1 2 5 5 5 7 HC IK IK IC IK	<b>SHE</b> 8' <b>AP TIE</b> <b>WABLE</b> <b>DWABLE</b> <b>ON (LBS)</b> 1705 2490 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 7600 7600 7600 7600 7600 7600 7	SCHEDI SCHEDI FAS: (2 (2 (2 (4 (26) 16 (6) 7/8 N SCHE ERS 1-1/2" "X1-1/2" "X1-1/2" NKERS 1-1/2" "X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS	WAL         16'         20         ULE         TENERS         0) 10d         6) 10d         0) 10d         6) 10d         0) 10d         6) 10d         0) 10d         6) 10d         0) 16d         d SINKERS         Ø BOLTS         DULE         5/8"         5/8"         5/8"         5/8"         5/8"         7/8"         1"         MAY BE USI         HD-1         OR POST         YD FOR AU	L       PL/         0'       III" EN         11" EN       15" EN         3" x 3-1/2"       3-1/2" M         3" x 3-1/2"       3-1/2" M         8"       8"         8"       8"         12"       12"         12"       12"         12"       15"         INSTALLED HOL       APPLICATION	32'         32'         NOTES         ND LENGTH         ND LENGTH         'MMBER REQ'D         'MBER REQ'D         'MBER REQ'D         'MBER REQ'D         'AND         'STATES         'STATES         'STATES         'NOTES         'STATES         'STATES         'MBER REQ'D         'STATES         'STATES         STATES         STATES     <	SHEET	2 E SPR POWD VEBER PWAL	ING PA ER MOI COUNT	
ST         MARK         ST-1         ST-2         ST-3         ST-4         HD-1         HD-2         HD-3         HD-4         HD-5         HD-6         HD-7         NOTES:         -ALL HO         -STRON         -MULTIF         -(RJ) INI         -VALUES	TIE CS16 CS14 MST60 HTT5 FTA7 MOI DT DT DT LSTHI HDU2- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD STHD STHD STHD STHD STHD STHD STHD	<b>IAIN</b> 8"=1'-0"         8"=1'-0"         FLOOR         SDS2.5         14 (RJ)         T15         SDS2.5         14 (RJ)         SE OF STIF         FOR TENS         SON SOR HI         JSE OF STIF         FOR TENS	DEC TO FLOOR TO FLOOR T	EL , 2' STR 1 2 5 5 7 HC 1 2 5 5 7 7 1 2 5 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	SHE 8' 8' AP TIE 2490 5240 5090 7600 7600 7600 7600 7600 7600 7600 7	SCHED SCHED FAS (2 (2 (4 (26) 16 (6) 7/8 N SCHE ER S 1-1/2" X1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NGTH HD N N I I I I I I I I N I I I I I I I I I N I I I I I I I I I I I I I I I I I I I	VVAL 16' 20 ULE TENERS 0) 10d 6) 10d 0) 16d d SINKERS "Ø BOLTS <b>DULE</b> A.B. DIA 3/8" 1/2" 5/8" 5/8" 5/8" 5/8" 1/2" 5/8" 1/2" 5/8" 1/2" 5/8" 1/2" 5/8" 1/2" 5/8" 7/8" 1" MAY BE USI HD-1 COR POST 2'D FOR AL S.	L PL/ )'	32'         32'         NOTES         ND LENGTH         ND LENGTH         'MMBER REQ'D         'MMBER REQ'D         MBER REQ'D         'MMBER REQ'D         'AND         2145         1610         3075         2175         4565         3500         5645         6765         9535	SHEET	2 E SPR POWD VEBER PWAL	ING PA ER MOI COUNT	
ST-1         ST-2         ST-3         ST-4         HD-1         HD-2         HD-3         HD-4         HD-5         HD-6         HD-7         NOTES:         -ALL HO         -STRON         -MULTIF         -(RJ) INE         -VALUES	TIE CS16 CS14 MST60 HTT5 FTA7 MOI DT LSTHI HDU2- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD STHD STHD STHD STHD STHD STHD STHD	<b>IAIN</b> 8"=1'-0"         8"=1'-0"         FLOOR         FLOOR         FLOOR         FLOOR         FLOOR         FLOOR         FLOOR         SDS2.5         10 (RJ)         SDS2.5         14 (RJ)         TT5         SDS2.5         14 SDS2.5         14 SDS2.5         14 SDS2.5         14 SDS2.5         14 SDS2.5	ILEV         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0      0	EL , 2' STR ALLC TENSI 1 2 5 5 7 HC 1 2 5 5 7 7 HC 1 2 5 5 7 7 1 2 5 7 7 1 2 5 7 7 7 1 2 5 7 7 7 7 1 2 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	SHE 8' 8' AP TIE 2490 5240 5090 7600 7600 7600 7600 7600 7600 7600 7	EAR SCHEDI FASC (2 (2 (2 (4 (26) 16 (6) 7/8 N SCHE ER ERS 1-1/2" "X1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NGTH HD N 1-1/2 NOT REC 1-1/2 NOT REC 1-1/2 1-1/2 NOT REC 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2	VAL 16' 20 ULE TENERS 0) 10d 6) 10d 0) 16d d SINKERS "Ø BOLTS DULE A.B. DIA 3/8" 1/2" 5/8" 5/8" 5/8" 7/8" 1" MAY BE USI HD-1 OR POST 2'D FOR AL S. IEDULE	L PL/	32'         32'         NOTES         ND LENGTH         VD LENGTH         'MMBER REQ'D         MBER REQ'D         MBER REQ'D         1610         3075         2145         1610         3075         2175         4565         3500         5645         6765         9535	SHEET	2 E SPR POWD VEBER PWAL	ING PA ER MOI COUNT	
ST-1         ST-2         ST-3         ST-4         Imark         Imark         HD-1         HD-2         HD-3         HD-4         HD-5         HD-6         HD-7         NOTES:         -ALL HO         -STRON         -MULTIF         -(RJ) INI         -VALUES	TIE CS16 CS14 MST60 HTT5 FTA7 MOI DT DT LSTHI HDU2- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD HDU4- STHD 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  5645         6765         9535         OLDOWN         NS         NOTES         2X STUDS @	SHEET	2 E SPR POWD VEBER PWAL		
ST-1         ST-2         ST-3         ST-4         Implement         Implement </td <td>N 1/ 1/ 1/ 1/ 1/ 1/ 1/ 1/ 1/ 1/ 1/ 1/ 1/</td> <td><b>IAIN</b>         8"=1'-0"         8"=1'-0"         FLOOR         FLOOR         FLOOR         FLOOR         FLOOR         FLOOR         FLOOR         FLOOR         FLOOR         SDS2.5         10 (RJ)         SDS2.5         10 (RJ)         SDS2.5         14 (RJ)         TT5         SDS2.5         10 (RJ)         SDS SOR HI         SE OF STIF         FOR TENS         8d @ 6"         0.C         8d @ 6"         0.C         8d @ 6"         0.C</td> <td>JLEV         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0      0     0</td> <td>EL , 2' STR ALLC TENSI 1 2 5 5 7 HC 1 2 5 5 7 HC 1 2 5 5 7 HC 1 2 5 5 7 HC 1 2 5 5 7 HC 1 2 5 5 7 1 2 5 5 7 1 2 5 5 7 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 1 2 5 5 7 1 1 1 1 2 5 5 7 1 1 1 1 2 5 5 7 1 1 1 1 1 1 1 1 1 1 1 1 1</td> <td>SHE 8' 8' AP TIE 2490 5240 5090 7600 7600 7600 7600 7600 7600 7600 7</td> <td>SCHED SCHED FAS (2 (2 (2 (4 (26) 16 (6) 7/8 N SCHE RES 1-1/2" "X1-1/2" "X1-1/2" "X1-1/2" "X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NCC 1"X2-1/2" NCC 1"X2-1/2" NCC 1"X2-1/2"</td> <td>WAL         16'         20         ULE         TENERS         0) 10d         6) 10d         0) 16d         d SINKERS         Ø BOLTS         DULE         A.B.         5/8"         7/8"         1""         MAY BE USI         HD-1         OR POST         YD FOR AL         S.         IEDULE         A.B.         SPCG         32" O.C.         32" O.C.</td> <td>L PL/ D' D' D' D' D' D D D D D D D D D D D D D</td> <td>32'         32'         NOTES         ND LENGTH         ND LENGTH         'MMBER REQ'D         'MMBER REQ'D         'MMBER REQ'D         'MMBER REQ'D         'AND         'STATUS         910         2145         1610         3075         2175         4565         3500         5645         6765         9535         OLDOWN         NS         ASTUDS @         16"O.C. MAX         2X STUDS @         16" O.C. MAX         2X STUDS @         16" O.C. MAX         2X STUDS @         16" O.C. MAX</td> <td>B45 75R CLIENT SHEET</td> <td>2 E SPR POWD VEBER PWAL</td> <td></td> <td></td>	N 1/ 1/ 1/ 1/ 1/ 1/ 1/ 1/ 1/ 1/ 1/ 1/ 1/	<b>IAIN</b> 8"=1'-0"         8"=1'-0"         FLOOR         FLOOR         FLOOR         FLOOR         FLOOR         FLOOR         FLOOR         FLOOR         FLOOR         SDS2.5         10 (RJ)         SDS2.5         10 (RJ)         SDS2.5         14 (RJ)         TT5         SDS2.5         10 (RJ)         SDS SOR HI         SE OF STIF         FOR TENS         8d @ 6"         0.C         8d @ 6"         0.C         8d @ 6"         0.C	JLEV         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0      0     0	EL , 2' STR ALLC TENSI 1 2 5 5 7 HC 1 2 5 5 7 HC 1 2 5 5 7 HC 1 2 5 5 7 HC 1 2 5 5 7 HC 1 2 5 5 7 1 2 5 5 7 1 2 5 5 7 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 1 2 5 5 7 1 1 1 1 2 5 5 7 1 1 1 1 2 5 5 7 1 1 1 1 1 1 1 1 1 1 1 1 1	SHE 8' 8' AP TIE 2490 5240 5090 7600 7600 7600 7600 7600 7600 7600 7	SCHED SCHED FAS (2 (2 (2 (4 (26) 16 (6) 7/8 N SCHE RES 1-1/2" "X1-1/2" "X1-1/2" "X1-1/2" "X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NKERS 1"X2-1/2" NCC 1"X2-1/2" NCC 1"X2-1/2" NCC 1"X2-1/2"	WAL         16'         20         ULE         TENERS         0) 10d         6) 10d         0) 16d         d SINKERS         Ø BOLTS         DULE         A.B.         5/8"         7/8"         1""         MAY BE USI         HD-1         OR POST         YD FOR AL         S.         IEDULE         A.B.         SPCG         32" O.C.         32" O.C.	L PL/ D' D' D' D' D' D D D D D D D D D D D D D	32'         32'         NOTES         ND LENGTH         ND LENGTH         'MMBER REQ'D         'MMBER REQ'D         'MMBER REQ'D         'MMBER REQ'D         'AND         'STATUS         910         2145         1610         3075         2175         4565         3500         5645         6765         9535         OLDOWN         NS         ASTUDS @         16"O.C. MAX         2X STUDS @         16" O.C. MAX         2X STUDS @         16" O.C. MAX         2X STUDS @         16" O.C. MAX	B45 75R CLIENT SHEET	2 E SPR POWD VEBER PWAL		
Imark         MARK         ST-1         ST-2         ST-3         ST-4         Imark         HD-1         HD-2         HD-3         HD-3         HD-4         HD-5         HD-6         HD-7         NOTES:         -ALL HO         -STRON         -MULTIF         -(RJ) INIC         -VALUES         SW-1         SW-2         SW-2         SW-2         SW-3         SOS-PLF	N           1/           1/           1/           1/           1/           1/           1/           1/           1/           1/           1/           1/           1/           1/           1/           1/           1/           1/           1/           1/           1/           1/           1/           1/           1/           1/           1/           1/           1/           1/           1/           1/           1/           1/           1/           1/           1/           1/           1/           1/           1/           1/           1/           1/           1/           1/           1/           1/           1/           1/           1/	IAIN         8"=1'-0"         8"=1'-0"         FLOOR         SDS2.5         10 (RJ)         SDS2.5         ARE SIMPS         OWN MAY         NS FOR HI         JSE OF STI         FOR TENS         8d @ C'         8d @ C'         8d @ C'          8d @ C' <td>ILEV         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0      0</td> <td>EL , 2' STR ALLC TENSI 1 2 5 5 7 HC 1 2 5 5 7 HC 1 2 5 5 7 HC 1 2 5 5 7 HC 1 2 5 5 7 HC 1 2 5 5 7 1 2 5 5 7 1 2 5 5 7 1 2 5 5 7 1 2 5 5 7 1 2 5 5 7 1 2 5 5 7 1 2 5 5 7 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 1 2 5 5 7 1 1 1 1 1 1 1 1 1 1 1 1 1</td> <td>SHE 8' 8' AP TIE WABLE 2490 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5051/4 (20) 16d SI (10) SDS 1/4 (20) SDS 1/4 (20</td> <td>SCHEDI SCHEDI FAS: (2 (2 (2 (4 (26) 16 (6) 7/8 N SCHE ERS 1-1/2" "X1-1/2" NKERS 1-1/2" "X1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NC NOT REC 1-1/2 NOT REC 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 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6765         9535         OLDOWN         NS         ANOTES         2X STUDS @         13' O.C. MAX         2X STUDS @         3'' O.C. MAX         2X STUDS @         3'' N.STUDE @         ANS</td> <td></td> <td>2 E SPR POWD VEBER PWAL</td> <td>ING PA ER MOI COUNT</td> <td></td>	ILEV         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0      0	EL , 2' STR ALLC TENSI 1 2 5 5 7 HC 1 2 5 5 7 HC 1 2 5 5 7 HC 1 2 5 5 7 HC 1 2 5 5 7 HC 1 2 5 5 7 1 2 5 5 7 1 2 5 5 7 1 2 5 5 7 1 2 5 5 7 1 2 5 5 7 1 2 5 5 7 1 2 5 5 7 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 1 2 5 5 7 1 1 1 1 1 1 1 1 1 1 1 1 1	SHE 8' 8' AP TIE WABLE 2490 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5051/4 (20) 16d SI (10) SDS 1/4 (20) SDS 1/4 (20	SCHEDI SCHEDI FAS: (2 (2 (2 (4 (26) 16 (6) 7/8 N SCHE ERS 1-1/2" "X1-1/2" NKERS 1-1/2" "X1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NKERS 1-1/2" NC NOT REC 1-1/2 NOT REC 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2 1-1/2	VAL 16' 20 ULE TENERS 0) 10d 6) 10d 0) 10d 6) 10d 0) 16d d SINKERS "Ø BOLTS <b>DULE</b> <b>A.B.</b> 0 5/8" 1/2" 5/8" 5/8" 5/8" 7/8" 1/2" 5/8" 5/8" 7/8" 11' 11' 11' 11' 11' 11' 11' 11	L PL/ D' D' ABC 11" EN 11" EN 11" EN 15" EN 3" x 3-1/2" M 3" x 3-1/2" M 3" x 3-1/2" M 3" x 3-1/2" M 3" x 3-1/2" M 15" EN 8" 8" 8" 8" 8" 12" 12" 12" 12" 12" 12" 12" 12	32'         32'         NOTES         ND LENGTH         ND LENGTH         ND LENGTH         MBER REQ'D         MBER REQ'D         MBER REQ'D         1610         3075         2145         1610         3075         2175         4565         3500         5645         6765         9535         OLDOWN         NS         ANOTES         2X STUDS @         13' O.C. MAX         2X STUDS @         3'' O.C. MAX         2X STUDS @         3'' N.STUDE @         ANS		2 E SPR POWD VEBER PWAL	ING PA ER MOI COUNT	
ST-1         MARK         ST-1         ST-2         ST-3         ST-4         HD-1         HD-2         HD-3         HD-4         HD-5         HD-6         HD-7         NOTES:         -ALL HO         -ALL HO         -ALL HO         -ALL HO         SW-1         -SW-2         SW-2         SW-3 <sw-4< td=""> <gos plf<="" td="">         SW-4         SW-5</gos></sw-4<>	N         1/         1/         1/         1/         1/         1/         1/         1/         1/         1/         1/         1/         1/         1/         1/         1/         1/         1/         1/         1/         1/         1/         1/         1/         1/         1/         1/         1/         1/         1/         1/         1/         1/         1/         1/         1/         1/         1/         1/         1/         1/         1/         1/         1/         1/         1/         1/         1/         1/         1/         1/         1/         1/         1/	IAIN         8"=1'-0"         8"=1'-0"         FLOOR         FLOR         SDS2.5         10 (RJ)         SDS2.5         1-SDS2.5         ARE SIMPS         OWN MAY         NS FOR HI         SE OF STIF         FOR TENS         8d @ 6"         0.C.         8d @ 2"         0.C.	ILEV         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0      0     0	EL , 2' STR ALLC TENSI 1 2 5 5 7 HC 1 2 5 5 7 HC 1 2 5 7 HC 1 2 5 5 7 HC 1 2 5 5 7 HC 1 2 5 5 7 HC 1 2 5 5 7 HC 1 2 5 5 7 HC 1 2 5 5 7 HC 1 2 5 5 7 HC 1 2 5 5 7 HC 1 2 5 5 7 HC 1 2 5 5 7 1 2 5 5 7 1 2 5 5 7 1 2 5 5 7 1 2 5 5 7 1 2 5 5 7 1 2 5 5 7 1 2 5 5 7 1 2 5 5 7 1 2 5 5 7 1 2 5 5 7 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 1 2 5 5 7 1 2 5 5 5 7 1 2 5 5 5 5 5 5 5 5 5 5 5 5 5	SHE 8' 8' AP TIE WABLE ON (LES) 705 2490 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 5240 5090 7600 505 1/4 (20) 16d SI (20) 16d	SCHED SCHED FASC (2 (2 (4 (26) 16 (6) 7/8 N SCHE ERS 1-1/2" "X1-1/2" NKERS "X2-1/2" NKERS "X2-1/2" NKERS "X2-1/2" NKERS "X2-1/2" NKERS "X2-1/2" NKERS "X2-1/2" NKERS "X2-1/2" NKERS "X2-1/2" NKERS "X2-1/2" NKERS "X2-1/2" NKERS "X2-1/2" NKERS "X2-1/2" NKERS "X2-1/2" NKERS "X2-1/2" NKERS "X2-1/2" NKERS "X2-1/2" NKERS "X2-1/2" NKERS "X2-1/2" NKERS "X2-1/2" NKERS "X2-1/2" NKERS "X2-1/2" NKERS "X2-1/2" NKERS "X2-1/2" NKERS "X2-1/2" NKERS "X2-1/2" NKERS "X2-1/2" NKERS "X2-1/2" NKERS "X2-1/2" NKERS "X2-1/2" NKERS "X2-1/2" NKERS "X2-1/2" NKERS "X2-1/2" NKERS "X2-1/2" NKERS "X2-1/2" NKERS "X2-1/2" NKERS "X2-1/2" NKERS "X2-1/2" NKERS "X2-1/2" NKERS "X2-1/2" NKERS "X2-1/2" NKERS "X2-1/2" NKERS "X2-1/2" NKERS "X2-1/2" NGTH HD N N LIEU OF TIN PLACE NOT REC "X2-1/2" NOT REC "X2-1/2" NGTH HD N N LIEU OF TIN PLACE NOT REC "X2-1/2" NOT REC "X2-1/2" "X2-1/2" NOT REC "X2-1/2" "X2-1/2" NOT REC "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2-1/2" "X2	VAL         16'         20         ULE         ENERS         0) 10d         6) 10d         0) 10d         6) 10d         0) 10d         6) 10d         0) 16d         d SINKERS         "Ø BOLTS         DULE         A.B.         JNA         3/8"         1/2"         5/8"         7/8"         1"         AAB.         5/8"         7/8"         1"         AAY BE USI         HD-1         OR POST         COR POST         AB.         SPCG         32" O.C.         32" O.C.         32" O.C.         32" O.C.         32" O.C.         32" O.C.         24" O.C.         16" O C	L PL/ D' AB. 11" EN 11" EN 11" EN 15" EN 3" x 3-1/2" 3-1/2" M 3" x 3-1/2" 3-1/2" M 8" 8" 8" 8" 8" 12" 15" 16" ENDEPLATE 16" ENTALLED HO 12" 15" 16" ENTALLED HO 12" 15" 16" ENTALLED HO 10" ENTALLED HO 10" 10" 10" 10" 10" 10" 10" 10"	32'         32'         NOTES         ND LENGTH         ND LENGTH         MBER REQ'D         MBER REQ'D         MBER REQ'D         910         2145         1610         3075         2175         4565         3500         5645         6765         9535         OLDOWN         NS         OLDOWN         NS         2X STUDS @         16" O.C. MAX         2X STUDS @         ASTUDS @         PANEL EDGES         3X STUDS @         ASTUDS @         ASTUDS @         ASTUDS @		2 E SPR POWD VEBER VEBER VWAL		

-ANCHOR BOLTS SHALL BE 5/8" Ø W/ 7" MIN EMBED W/ 3"x3"x1/4" PLATE WASHERS -3X STUDS MAY BE REPLACED W/ DBL 2X STUDS STITCH NAILED

STATUS PERMIT SET





