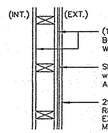
DETAIL "B" - EXTERIOR WALLS

WOOD STUD WALLS: EXTERIOR: (1) LAYER 5/8" TYPE 'X' GYPSUM EXTERIOR GRADE GYPSUM
INTERIOR: (1) LAYER 5/8" TYPE-X VINYL COVERED GYPSUM
EACH LAYER FASTENED w/6d x 1 7/8" LONG x .0915" SHANK x 1/4" HEAD CEMENT COATED NAILS @ 8" O.C.

PENETRATION OF WALLS:

1. COMBUSTIBLE CABLES AND WIRES, COMBUSTIBLE PIPES, TUBES, AND CONDUITS SHALL MEET THE TESTING REQUIREMENTS OF ASTM E119 AS PART OF THE FIRE RESISTANT ASSEMBLY OR SHALL HAVE THROUGH-PENETRATION FIRESTOP SYSTEMS LISTED AND TESTED AS PER ASTM E814 AND BE TESTED AT A POSITIVE PRESSURE DIFFERENTIAL BETWEEN THE EXPOSED AND UNEXPOSED SURFACES OF NOT LESS THAN .01 INCH OF WATER AND HAVE AN "F" RATING OF AT LEAST 1 HOUR BUT NOT LESS THAN THE RATED OF THE ASSEMBLY.
2. CABLES AND WIRES WITHOUT COMBUSTIBLE INSULATIONS AND NON-COMBUSTIBLE PIPES, TUBES, AND CONDUITS SHALL BE PROTECTED AS DESCRIBED ABOVE OR SHALL HAVE THE ANNULAR SPACE FILLED WITH A MATERIAL MEETING THE REQUIREMENT OF ASTM E119 TESTED UNDER A MINIMUM POSITIVE PRESSURE DIFFERENTIAL OF .01 INCH OF WATER FOR A PERIOD EQUIVALENT TO THE RATING OF THE ASSEMBLY.
3. ELECTRICAL BOXES SHALL BE METAL OR LISTED FOR USE IN FIRE RESISTANT ASSEMBLIES AND SHALL NOT EXCEED 16 SQUARE INCHES. BOXES ON OPPOSITE SIDES OF FIRE RESISTANT WALLS SHALL BE SEPARATED BY A MINIMUM HORIZONTAL DISTANCE OF 24 INCHES.



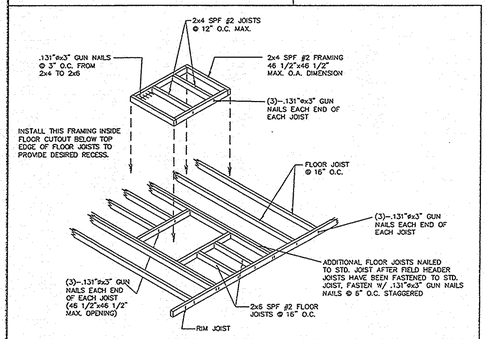
COLUMN STRAPPING SCHEDULE

(A)	(2) 2x4 SYP #2 THIS HALF	(B)	(2) 2x4 SYP #2 EACH HALF
(C)	(3) 2x4 SYP #2 THIS HALF	(D)	(3) 2x4 SYP #2 EACH HALF
(E)	(4) 2x4 SYP #2 THIS HALF	(F)	(4) 2x4 SYP #2 EACH HALF
(G)	(2) 2x6 SYP #2 THIS HALF	(H)	(2) 2x6 SYP #2 EACH HALF

* ADD RIDGE BEAM BEARING STIFFENER

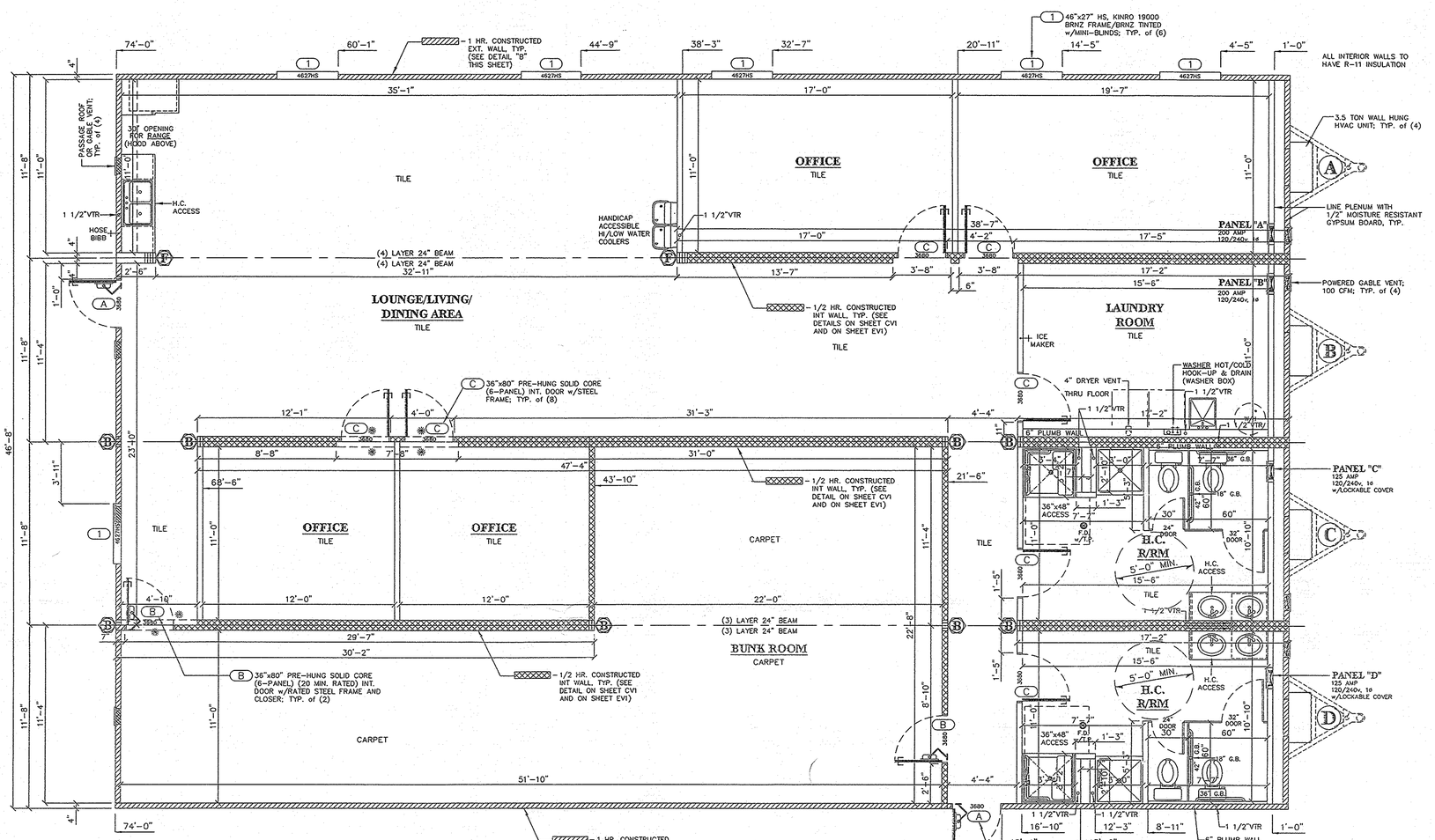
❋ STRUCTURAL HEADER ABOVE OPENING

NOTES:
1. ALL COLUMN STUDS SHALL BE GLUE/NAILED TOGETHER. PVA GLUE WITH 100% COVERAGE SHALL BE USED.
2. INSTALL TWO STEEL STRAPS AT EACH STUD OF EACH COLUMN.
3. COLUMN STUDS SHALL NOT BE NOTCHED OR BORED.



ACCESSIBLE SHOWER STALL RECESSED FLOOR AREA DETAIL

SCALE: N.T.S.



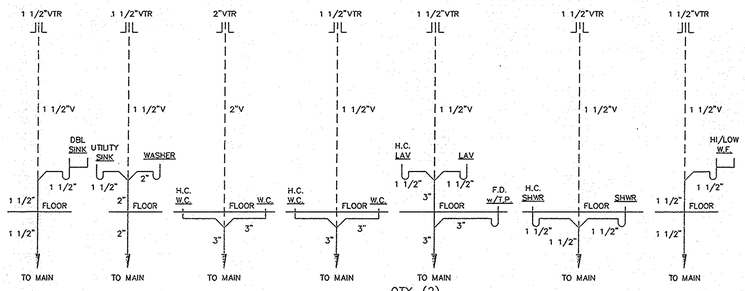
FLOOR PLAN

SCALE: 1/4"=1'-0"

S/N #: DSI 18061 A-D

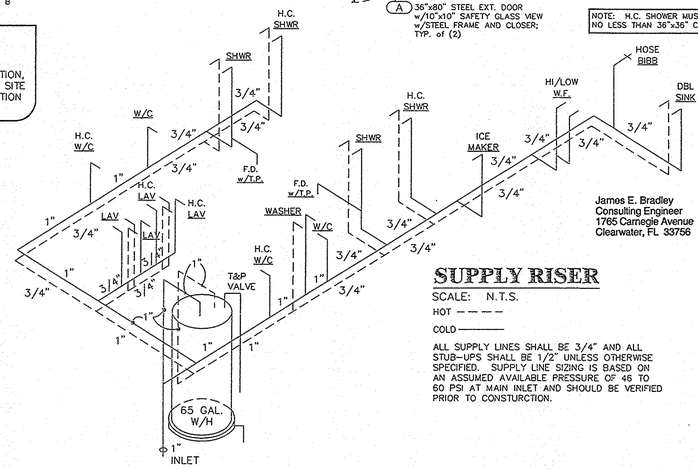
ALL INTERIOR WALLS TO HAVE R-11 INSULATION

NFPA-13 SPRINKLER SYSTEM DESIGNED BY A LICENSED ENGINEER AND INSTALLED BY A CERTIFIED CONTRACTOR REGISTERED WITH THE STATE FIRE MARSHALL'S OFFICE. SPRINKLER SYSTEM STUBBED TO EXTERIOR. SITE CONNECTION, VALVES, FLOW SWITCH, TESTING ETC. ARE SUPPLIED AND SITE INSTALLED BY OTHERS AND SUBJECT TO LOCAL JURISDICTION AND APPROVAL.



D.W.V. RISER

SCALE: N.T.S.



SUPPLY RISER

SCALE: N.T.S.

HOT - - - -

COLD ———

ALL SUPPLY LINES SHALL BE 3/4" AND ALL STUB-UPS SHALL BE 1/2" UNLESS OTHERWISE SPECIFIED. SUPPLY LINE SIZING IS BASED ON AN ASSUMED AVAILABLE PRESSURE OF 45 TO 60 PSI AT MAIN INLET AND SHOULD BE VERIFIED PRIOR TO CONSTURCTION.

James E. Bradley
Consulting Engineer
1765 Carnegie Avenue
Clearwater, FL 33756

Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland, License No.8588, Expiration Date: 6/30/10.

APPROVED
JUL 22 2008
HILBORN, WERNER, CARTER & ASSOC.

THIRD PARTY:
HILBORN, WERNER, CARTER & ASSOC., INC.
1527 SOUTH MYRTLE AVENUE
CLEARWATER, FLORIDA 33756

REV	DATE	BY	DESCRIPTION
A	7-10-08	J.L.B.	ENTIRE SHEET

J • E • B
JAMES E. BRADLEY, P.E.
CONSULTING ENGINEER
1765 CARNEGIE AVENUE
CLEARWATER, FL 33756
PH. (727) 466-9941

DATE: 3-20-08
SCALE: 1/4"=1'-0"
DRAWN BY: J.L.B.
CHECKED BY: J.E.B.
DRAWING NO. #: DSI-2008-0008
MANUFACTURER: DSI
SERIAL NO. #: 18061A-D
BUILDING SIZE: 48'x74'
CODES: SEE NOTES
LABELS: HWC,MD
JOB NO #: 1954-8603

DESIGN SPACE, INC.
91 HARVEY VICKERS ROAD
DOUGLAS, GA
(912) 384-9211

FLOOR PLAN

SHEET: FP1

PAGE: 3 of 6