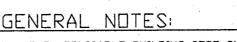
SHEET NO. 5-5





- THE APPLICABLE BUILDING CODE SHALL BE THE CURRENT EDITION OF THE CITY OF ADDISON BUILDING CODE.
- 2. PROVIDE CHAMFERS AS SPECIFIED AND DETAILED ON THE ARCHITECTURAL
- 3. PROVIDE OPENINGS, SLEEVES, CURBS, SLAB INSERTS AND SLAB DEPRESSIONS. AS SHOWN ON THE ARCHITECTURAL DRAWINGS.
- 4. QUALITY CONTROL AND ASSURANCE FOR SITE ADAPTION, COMPETENT
- FOUNDATION ERECTION, MATERIALS AND COMPLIANCE WITH APPLICABLE CODES TO BE ACCOMPLISHED BY OTHERS. TWO BLUE LINE PRINTS AND ONE SEPIA OF SHOP DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT FOR APPROVAL BEFORE THE FABRICATION OF ANY CONCRETE MEMBERS OR ELEMENTS, STRUCTURAL STEEL, MISCELLANEOUS
- STEEL AND WOOD FRAMIING 6. RESPONSIBILITY OF CONTRACTORS: EACH CONTRACTOR SHALL BE RESPONSIBLE FOR HIS WORK OF EVERY DESCRIPTION IN CONNECTION WITH HIS CONTRACT. HE SHALL SPECIFICALLY AND DISTINCTLY ASSUME ALL RISKS FOR DAMAGE OR INJURY FROM WHATEVER CAUSE TO PROPERTY WHERE EVER LOCATED, RESULTING FROM ANY ACTION OR OPERATION UNDER THE CONTRACT OR CONNECTION WITH HIS WORK, EACH CONTRACT OR SHALL BE HELD RESPONSIBLE FOR EXECUTION OF A SATISFACTORY AND COMPLETE PIECE OF WORK IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS AND ANY BULLETINS WHICH MAY BE ISSUED DURING THE TIME OF BIDDING.
- 7. DESIGN LOADS: ROOF LOAD WIND UPLIFT
- BUILDING SITE SHALL BE EXCAVATED TO A DEPTH AS REQUIRED FOR THE FOUNDATION INSTALLATION OR A MINIMUM OF 30' BELOW FINISHED FLOOR LEVEL. THE SUBGRADE
- BE ANY VARIATIONS IN THE SITE CONDITIONS, CONTACT ENGINEER FOR FURTHER SKIN FRICTION 4500PSF IIN SHALEY LIMESTONE @12'-19' DEPTH AND WELL COMPACTED SUBGRADE PER SOILS REPORT. REPORT PREPARED BY TERRACON, INC. REPORT NO. 17985274
- DATED JUNE 5, 1997. REFER TO ADDENDUM SEPT.2,1998 FOR SUBGRADE PREPARATION.
- 11. ALL CONCRETE SHALL BE OF HARDROCK CONCRETE WITH A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS. IT SHALL ATTAIN AT LEAST 2200 PSI STRENGTH AT THE TIME OF REMOVING FORMS. THE CONCRETE SHALL HAVE A MINIMUM SIZE OF COARSE AGGREGATE 1 INCH IN DIAMETER.
- 12. PORTLAND CEMENT SHALL CONFORM TO A.S.T.M. C-150. AGGREGATE SHALL CONFORM TO A.S.T.M. C-33.

LUMBER:

INTERMEDIATE WALL

Ld = TENSILE DEVELOPMENT LENGTH OF REBAR

1/2' CCX INT. SHEAR WALL

TYPICAL PLAN AT INTERSECTION

TYPICAL CORNER BAR DETAIL

GENERAL: ALL STRESS GRADE LUMBER CONSTRUCTION SHALL COMPLY WITH AITC TIMBER CONSTRUCTION STANDARDS LATEST EDITION. ALL LUMBER (EACH PIECE) SHALL BEAR GRADE STAMP OF A GRADING

SAWN LUMBER: DOUGLAS FIR - LARCH, SURFACE DRY 6xBEAMS AND POSTS: FREE OF HEART CENTERS. UNEXPOSED: SEL-ECT STRUCTURAL. EXPOSED: APPEARANCE GRADE. 4x JOISTS, LED-GERS AND BUILT-UP BEAMS: NO.1 ALL OTHER STRUCTURAL FRAMING NO.

DVED BY THE ARCHITECT. C-D WITH EXTERIOR GLUE: ROOF-1/2', 32/16, 5PLY. LAY UP WITH FACE GRAIN PARALLEL TO SUPPORTS. MINIMUM 2 - SPAN

CONNECTIONS: ALL NAILING REFERRED TO IN THIS SECTION SHALL BE WITH COMMON NAILS. ALL FRAMED CONNECTIONS SHALL BE MADE W/ 1994 UBC CODE/ C.B.D. APPROVED FRAMING ANCHORS EACH SIDE OR APPROVED JOIS HANGERS BY SIMPSON, KC METALS OR ARCHRIB. ANY HANGERS USED SHALL HAVE I.C.B.O. CAPACITIES EQUAL TO OR GREATER THAN THE SIM-PSON HANGER CALL-DUT. FOR NAILING SCHEDULE, SEE TABLE 25-Q OF 1994 UNIFORM BUILDING CODE. FIELD DRILL ALL HOLES FOR PROPER MATCHING AND BEARING. PROVIDE CUT WASHERS AT BOLTS IN WOOD.

AT 12' D.C. AT INTERMEDIATE SUPPORTS. SEE PLANS FOR EXCEPTION. THE TRUSS MANUFACTURER SHALL DESIGN ALL FLOOR AND ROOF TRUSSES
PER LATEST CODE REQUIREMENTS. THE DESIGN OF TRUSSES SHALL BE PERFORMED
BY A LICENSED ENGINEER IN THE STATE OF TEXAS AND SHALL BE SUBMITTED FOR ARCHITECT APPROVAL ALONG WITH THE TRUSS SHOP DRAWINGS.

1.25 X WIND LOAD

- 9. THE CONTRACTOR IS REQUIRED TO FOLLOW THE RECOMMENDATIONS IN THE SOILS REPORT

PER SOILS REPOR

RULES AGENCY APPROVED BY THE AMERICAN LUMBER STANDARDS COMMITTEE (ALSC). REGARDLESS OF REQUIRED GRADE STAMP & CER-TIFICATIONS. ALL LUMBER (EACH PIECE) IN PLACE IN THE STRUCTURE SHALL BE OF THE ORIGINAL GRADE SPECIFIED OR BETTER WHEN INSP-EDTED BY A GRADING AGENCY APPROVED BY THE A.I.S.C. GRADE LOSS RESULTING FROM EFFECTS OF WEATHERING, HANDLING, STORAGE, RE-SAWING, OR DIVIDING LENGTHS WILL CAUSE FOR REJECTION.

DO NOT NOTCH OR DRILL JOISTS, BEAMS, OR LOAD BEARING STUDS W/O PRIOR APPROVAL OF THE STRUCTURAL ENGINEER THROUGH THE ARCH-

F-V4 & 24F-VB) STRESS GRADE. FABRICATION AND HANDLING PER LATEST AITC STANDARDS. WATERPROOF GLUE LAM. BEAMS TO BEAR AITC STAMP WITH CERTIFICATES. CAMBER = L/300 L=SPAN IN INCHES. U.N.O.

PROVIDE HORIZONTAL BLOCKING AT 4'-0' O.C. VERTICALLY STAGGER-

PLYWOOD: A.P.A. GRADED OR OTHER GRADING AGENCY PRIOR APPR-

PREDRILL ALL HOLES FOR NAILS LARGER THAN 20d. MINIMUM PLYWD. NAILING WITH 10d COMMON NAILS MINIMUM AT 6' D.C. ALL EDGES AND

- SEISMIC ZONE
- SHALL BE PREPARED PER SOILS ENGINEERS REPORT AND RECOMMENDATIONS. FOR PREPARATION OF SUBGRADE AND INSTALLATION OF THE FOUNDATION. SHOULD THERE INSTRUCTIONS, FOOTINGS ARE DESIGNED FOR A BEARING CAPACITY VALUE OF 30,000 PSF
- 10. THE WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH PREVAILING AND LOCAL CODES AND GOOD STANDARD PRACTICE.

GLU LAM BEAMS: DOUGLAS FIR WITH F(B & = 2400PSI (24 BEAMS TO BE ARCHITECTURAL APPEARANCE GRADE. LOAD WRAPPED.

ED IN ALL BEARING WALLS.

CONTINUOUS, STAGGER JOINTS. ALL EDGES BLOCKED.

BUILDING, THE TYPE OF STRUCTURE, AND DUTLINE NOTES OF MAJOR STRUCT-URAL ELEMENTS OF CONSTRUCTION. AS 'SCOPE' DOCUMENTS, THE DRAWINGS AND SPECIFICATIONS DO NOT NECESSARILY INDICATE OR DESCRIBE ALL WORK REQUIRED FOR FULL PERFORMANCE AND COMPLETION OF THE WORK. CONTRACTS, IF LET ON THE BASIS OF SUCH DOCUMENTS, MUST BE WITH THE UNDERSTANDING THAT THE CONTRACTOR TO FURNISH ALL ITEMS REQUIRED FOR PROPER COMPLETION OF THE WORK WITHOUT ADJUSTMENT TO THE CONTRACT PRICE. IT IS INTENDED THAT THE WORK BE OF SOUND AND QUALITY CONSTRUCTION AND THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE INCLUSION OF ADEQUATE AMOUNTS TO COVER INSTALLATION OF ALL ITEMS INDICATED, DESCRIBED OR IMPLIED, TO PERFORM THE INTENDED FUNCTIONS SPECTIFIED THAT THE ADELITECTURAL PROVINCES. IFIED ON THE ARCHITECTURAL DRAWINGS.

13. ALL CONCRETE WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST A.C.I.

14. ALL REINFORCING STEEL SHALL BE A.S.T.M. 615 GRADE 60 EXCEPT TIES AND
 STIRRUPS WHICH MAY BE GRADE 40.
 15. REINFORCING STEEL SHALL BE DESIGNED, DETAILED, FABRICATED AND PLACED IN

17. BEAM SIZES SHALL NOT BE CHANGED WITHOUT THE APPROVAL OF THE ENGINEER.

21. CONSTRUCTION JOINTS ARE NOT PERMITTED IN BEAMS UNLESS NOTED ON PLANS.

24. ALL STEEL ERECTION SHALL BE DONE IN ACCORDANCE WITH THE LATEST ALSC SPECIFICATIONS, USE ASTM A 325 BOLTS, BOLTS SHALL BE A MINIMUM OF 7/8'

PERMITTED, FIELD CUTTING OR BURNING OF HOLES IS NOT PERMITTED.

22. SITE DRAINAGE AND GRADING THE FOUNDATION SHALL BE MAINTAINED AT ALL TIMES

23. ALL BOLTS SHALL BE 7/8 INCH DIAMETER A325 HIGH STRENGTH BOLTS. ALL WELDED

CONNECTIONS SHALL BE MADE WITH ETOXX ELECTRODES BY A CERTIFIED WELDER.
THE STEEL CONNECTIONS SHALL BE DETAILED AND DESIGNED BY THE FABRICATOR.
ALL CONNECTIONS SHALL BE DESIGNED FOR 1.15 TIMES HALF THE LOAD ON THE BEAM
FOR THAT SPAN AND PER AISC TABLES. CONCENTRATED LOADS SHALL BE TAKEN INTO
ACCOUNT. WHERE POSSIBLE, EACH BEAM CONNECTION SHALL BE THE TWO SIDED WEB
ANGLE TYPE AS PER AISC SPECIFICATIONS, UNLESS OTHERWISE NOTED ON THE
DRAWINGS. MINIMUM CONNECTION SHALL BE, TWO BOLTS.

DIAMETER UNLESS OTHERWISE NOTED ON THE DRAWINGS. NO SPLICING OF COLUMNS IS

THE CONTRACTOR WILL PERFORM THE PROFESSIONAL TESTING AND LABORATORY SERVICES. WORK TO BE DONE BY THE TESTING LABORATORY SHALL INCLUDE:

AN INDEPENDENT TESTING LABORATORY, APPROVED BY THE ARCHITECT AND PAID BY

- SLUMP TESTS OF CONCRETE PLACED BY THE CONTRACTOR
- MAKING TEST CYLINDERS IN ACCORDANCE WITH A.S.T.M. DESIGNATION C-39-66/2

- STEEL ERECTION AND CONNECTIONS.
- CONTRACTOR SHALL SUBMIT TO ARCHITECT, ENGINEER, CONTRACTOR AND OWNER CERTIFICATIONS RECORDS AND REPORTS OF ALL INSPECTIONS AND TESTS.

VERIFY ALL DIMENSIONS AND DETAILS RELEVANT TO ELEVATIONS, AND ANY OTHER

THESE DRAWINGS ARE ISSUED TO INDICATE THE GENERAL SCOPE OF THE PROJECT IN TERMS OF STRUCTURAL DESIGN CONCEPT, THE DIMENSIONS OF THE

SPECIAL EQUIPMENT WITH MANUFACTURER'S REQUIREMENTS FOR EQUIPMENT FURNISHED.

18. BEAM TRENCHES SHALL BE CLEAN AND STRAIGHT TO PROVIDE DESIGN SIZES.

19. ALL THE GRADE BEAMS SHALL BE FORMED FOR SMOOTH FINISH.

ACCORDANCE WITH THE LATEST A.C.I. "MANUAL OF STANDARD PRACTICE FOR DETAILING

TO CROSS AT RIGHT ANGLES. TRENCH BACKFILL COMPACTION SHALL BE COMPLETE BEFORE

IN SUCH A MANNER THAT THE GROUND WATER SHALL NOT COLLECT UNDER OR ADJACENT

REINFORCED CONCRETE STRUCTURES' (A.C.I.315) AND THE C.P.S.I. 'RECOMMENDED

16. TRENCHES FOR BURIED PLUMBING SHALL NOT RUN ALONG OR UNDER THE BEAMS EXCEPT

SPECIFICATIONS

BEAM IS EXCAVATED

TO THE BUILDING.

- EARTH COMPACTION

AT 7 DAYS AND 2 AT 28 DAYS.

20. NOT USED

MANUFACTURED TRUSS NOTES

MANUFACTURED TRUSSES ARE AT 24° D.C.U.N.D.

TRUSS MANUFACTURER SHALL FURNISH ALL HANGERS, CONNECTORS ADEQUATE FOR LOADS FOR ALL TRUSS TO TRUSS AND TRUSS TO BEAM AND BEAM TO TRUSS CONNECTIONS.

TRUSS MANUFACTURER TO PROVIDE VERTICAL WEB MEMBERS AT TRUSS SUPPORTS, BRIDGING AND BLOCKING AS REQUIRED.

SUPERIMPOSED LOADS FROM JACK TRUSSES OR SECONDARY FRAMING, FURRED CEILINGS ETC. SHALL BE INCLUDED IN THE TRUSS DESIGN OF SUPPORTING TRUSSES OR GIRDERS. LIVE LOADS NEED NOT TO ADDED.

TRUSS SYSTEM AND FLOOR TRUSS SYSTEM SHALL BE DESIGNED TO CODE OR MINIMUM OF RESIDENTIAL L.L. 40 PSF.

CORRIDORS AND EXIT FACILITIES 100 PSF

STORAGE AND VENDING AREAS 125 PSF. OFFICES 50 PSF.

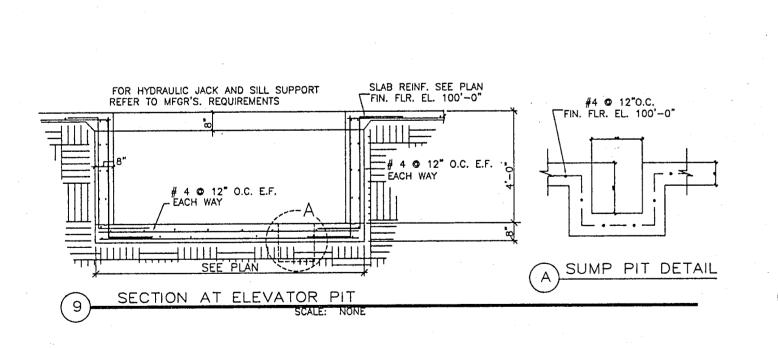
DIAGONAL BRACING CROSS BRACING AS REQUIRED FOR COMPLETE FRAMING SYSTEM, HOLDDOWN ANCHORS PORTAL, DIAPHRAGMS, SHEAR WALLS, SHALL BE DESIGNED AND FURNISHED, INSTALLED BY THE CONTRACTOR TO COMPLETE THE PROJECT.

SHEAR WALL SCHEDULE NOTES

PEN=PLYWDDD EDGE NAILING, BLOCK ALL UNSUPPORTED EDGES WITH 2X MATERIAL. U.N.D. BLOCK EDGES WITH 3X MATL. W/8dD NAILING @2D.C

FIELD NAILING TO BE 12' D.C. UND.

ALL EXTERIOR WALLS NOT DESIGNATED ARE TO BE SHEATHED W/5/8' PLYWOOD PLY (32/16) CD & NAILED W/8dD @ 5'D.C. EDGES & 12' FIELD.



USE OF 5/8" PLYWOOD BRACING O CORNERS AND 0 12' SPACING

ON EXTERIOR WALLS CENTERED ON ROOM DIVIDER WALLS.

2x FIRESTOP

CORNER BRACING AND AT WALL INTERSECTIONS

11'-2"

2' 4 1/2' 4 1/2' 2'

USE 1/4" THICK LEVELLING & SAME

1/2' BEAM WEB-1 THICKNESS (TYPICAL

WELD TO COL

COL. CONT. @ IIND FLOOR

..............

VISQUEEN

AS REQ'D

TYPICAL COLUMN TO BEAM CONN

SIZE AS BASE & @ ALL COL'S (TYPICAL)

SCALE: NONE

- ဥ3/4*×1′-2*× 1′-2*

- MIN 3/8" 是 TYPICAL

₱ SIZE CONSTANT IF

BEAMS ARE SAME DEPTH

BEAM - SEE PLAN FOR SIZE

SIDE, WELD TO BEAM & COL

NOTE 1 PROVIDE MIN.OF

NOTE 2: ALTERNATE BRACE: 4x8x5/8 PLYWOOD AT CORNERS

NOTE 3: PROVIDE BRACING AT EACH CORNER,

12-12d COMMONS @ 6" O.C.FOR BRACES

AND EACH GUEST ROOM UNIT, EXTERIOR

ROOF/FLOOR HEADER SCHEDULE

FLOOR

* 2-2x12 FLITCH BEAM W/3/8"x 11.5" STEEL PLATE

2-2×8

2-2×10

(TYP.U.N.O.)

2-2x12 *

IF SELF DRILLING ANCHORS ARE USED PLACE SECOND HD7 IN THIS LOCATION

TYPICAL CORNER FRAMING CONNECTION

--- PL SIZE CONSTANT IF

3/8' PL STIFFNER

TYPICAL BEAM TO COL. CONN.

BEAMS ARE SAME DEPTH

BEAM - SEE PLAN FOR SIZE

L-4'X4'X1/4'X0'-4' EA

SIDE. WELD TO BEAM & COL

TEE INTERSECTIONS, FULL HEIGHT.

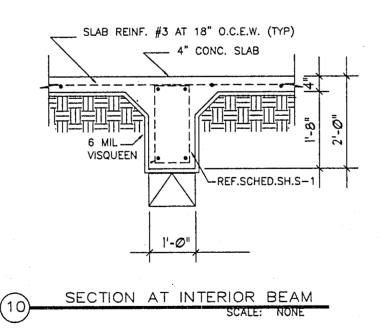
EACH BUILDING OFFSET EACH FLOOR. FULL HEIGHT.

MAXIMUM SPAN

4'-0" TO 6'-0" UP TO 3'11'

ROOF@ 40PSF

UP TO 3'11"



15 BAR DIAK 15 BAR DIA

& SUPPORT

ALL BAR DETAILING PER A.C.I. SPECIFICATIONS

TYPICAL GRADE BEAM REINFORCEMENT DETANOTUSED)

-++**-**

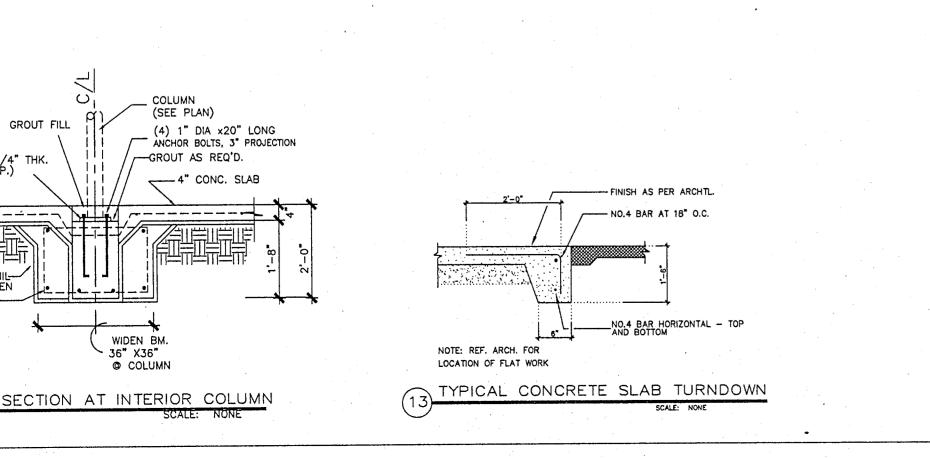
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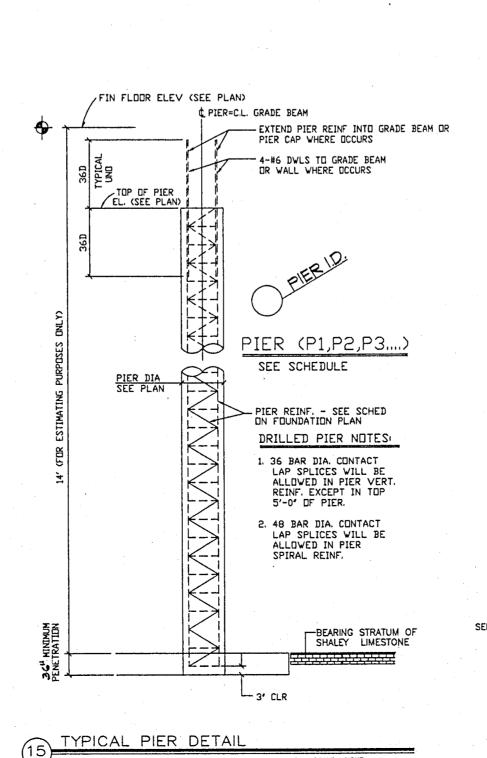
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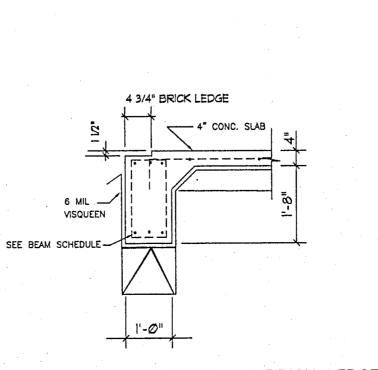
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PIER REINF AND

DOWELS AS NOTED







VISQUEEN

REF. SCHED. SH. S-1

SECTION @ BRICK LEDGE

K.S. ATWAL & ASSOCIATES, INC. CONSULTING ENGINEERS, STRUCTURAL 6804 E. PARKER ROAD, PARKER, TEXAS 75002 PH (972) 442-0621 FAX (972) 442-5404