

DISINTERNATIONAL RESIDENTIAL CADE

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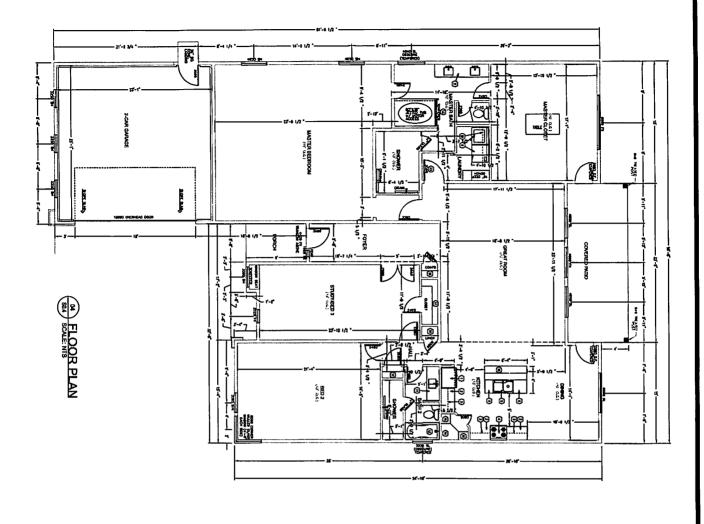
ELEVATIONS



SINGLE FAMILY RESIDENC 209 HORSE SHOE TRAIL ANGLETON, TX-77515



288 ENGINEERING LLC TBPE FIRM NO 14418 FH: 832-656-3552 2715 NOBLE OAK LN. FEARLAND, TX-77584



AREA SCHEDILLE LIVING AREA 2865 QLT. COVERED PATIO 211 SQ.FT. GARAGE 564 SQ.FT. FRONT PORCH 51 SQ.FT. TOTAL SLAB 3781 SQ.FT.

FLOOR PLAN

105132

23. 20 MINUTE SELF CLOSING FIRE RATED DOOR 22. IB" TALL PLATFORM 20. 13 SEER AIR CONDITIONER 18. 40 GALLON WATER HEATER
MTH TEMPERATURE SAFETY
VALVE. INSTALL SEISMC
STRAPS PER CODE REQ.

17. (2) 12" SHELVES AND (2) RODS 16. SINGLE ROD AND SHELF 15. 12" BAR OVERHANG

19. 90% MIN. EFFICIENT DIRECT VENT FURNACE

SINGLE FAMILY RESIDENC 209 HORSE SHOE TRAIL ANGLETON, TX-77515

14. (5) 16" SHELVES STARTING O 24" ABOVE FINISHED FLOOR

13. TILE OR WARBLE SHOWER WITH SAFETY GLASS ENCLOSURE

12. 30" X 60" TUB / SHOWER (2.5GPM SHOWER HEAD) 11. COUNTERTOP OVER 32" HIGH BASE CABINET 10. SHELF ABOVE WASHER AND DRYER



9. WASHER AND DRYER HOOKUPS B. 14" WIDE X 18" DEEP LOCKERS 6. DISHWASHER

7. NOT USED

5. DOUBLE SINK WITH DISPOSAL AND SPRAYER 4. 30" RANCE WITH MICRO ABOVE 3. UPPER CABNETS (TOP AT 8'-0" AFF.)

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KEY NOTES:

1. 39" WOE REPROCEATOR SPACE
WITH COUNTER-DEPTH
REPROCEATOR, WSTALL WATER
LINE

COUNTERTOP OVER 38" HICH BASE CABINET.

ENERAL CONTRACTOR:

1. IT IS THE GENERAL CONTRACTORS RESPONSIBILITY TO ENFORCE CODE
COMPLIANCE AND ANY ORDINANCES COVERNING THE WORK OF THIS

COUPLANCE AND ANY ORDINANCES COVERNION THE WORK OF THIS BUILDING.

DISCONSIDERAL CONTRACTOR SHALL YERRY ALL EXITING CONDITIONS AND DISCONSIDERAL CONTRACTOR.

ANY WRITTEN HOIRES / DIMENSIONS TAKE PRECEDENCE OVER SCALE.

MANUFACTURENS SPECIFICATIONS FOR INSTALLATION OF MATERIALS AND APPLIANCES SHALL BE FOLLOWED.

GENERAL CONTRACTOR SHALL COORDINATE THE WORK OF YARDING THE CONSTRUCTION IN A CONTRACTOR SHALL SHALL

COLUMNOT.

MINION.

M

5. BLOCK ALL HUNICATINE EXCLASE AND ALL WASHINS WITH A MIN. DIAMETER SLOCKING. BOLIS SHALL HAVE PLAIT WASHINS WITH A MIN. DIAMETER OF THE THAT STRUCTURES OF SPECIFIED BOLT. UNLESS SPECIFIED OF THE WASHING SHALL CHORLY WITH TABLE 602.3 (1) OF THE 2018

2 PLOOR SEATHAND SHALL BE QUED AND MALED TO FLOOR JOISTS WITH
100 RING-SHANK MALS.
1. WOOD BEAUS UP TO TWO PLY'S MALL DOCTRIER WITH TWO ROWS 150
MALES AT 12" QL. STACED ROWS. WOOD BEAUS WITH THE ROYS MALL
TO CONTROL WITH TWO STAGGER POWS WOOD BEAUS WITH THE ROYS MALL
TO CONTROL WITH TWO STAGGER POWS BOYD BEAUS WITH THE MALES AT
THE RESERVE WITH THE STAGGER POWS BOYD TO THE PLY'S BOLT TOGETHER PER STRUCTURAL
ENCHMERRIC.

EMONICERRYC.

BALLOON TRAME ALL BEARNO WALLS.

SPACE 2 X 4 WALL STUDS EXCEEDING 10' IN HEIGHT AT A MIN. 12"

O.C. SPACE 2 X 6 WALLS EXCEEDING 10' IN HEIGHT AT A MIN. 12" O.C.

TIPE BLOCK ALL STUD WALLS EXCEEDING 10' IN HEIGHT PER SCHION R802.8

BEAMS, HEADERS, AND TRUSSES TO HAVE TULL WOTH BEARING AT

EACH EACH.

ENTRATION:

1. ALL CRAM. SPACES TO BE VENTLATED BY MEAN OF SCREENED VENTS (1 SQ. FT. OF VENT PER 150 SQ. FT. OF CRAWL SPACE AS REQUIRED BY 2018 IRC. PROWDE A VENT WITHIN 3" OF EACH CORNER OF

CRAMISPACE.

2. FOR LIGHT AND VENTILATION, A ROOM MAY BE CONSIDERED AS PART OF AN ADJUGNING ROOM WHEN A BIN.] THE AREA OF COMMON MALL IS OPEN, UNDOSTRUCTED AND PROVIDES A MIN. OPENING OF 1/10PH THE FLOOR AREA OF THE ROOM OR 25 SQ. FT. (WHICH EVER IS GREATER). FRC RSJG12.

ATTIC VENTILATION TO COMPLY WITH SECTION RISOL? OF THE 2018 IRC. VENTED SOFFTI SYSTEM TO WORK IN CONJUNCTION WITH STANDARD 12" SOUJAME TURKL VENTS TO BE THE STANDARD ATTIC VENTILATION SYSTEM UNLESS SPECIFED OTHERWISE BY USE OF A RIDGE CAP VENT OR A MED - RIDGE VENTILATION SYSTEM.

MINDOWS / GLAZING:
1. BEDROOM WINDOWS TO HAVE A FINISHED SILL HEIGHT OF 44" MAX

HERITOUM WINDOWS TO HAVE A FRESHED SIL HEIGHT OF 44" MAX ABOVE FINISHED FLORE (A.E.F.) WITH MATTERAL LIGHT LESSE AND ATTERAL PLANT AND ATTERAL PROPERTY AND ATTERAL VENTUATION.

WINDOWS WITHOUT 24" OF LESS ADOVE FINISHED FLOOR SHALL HAVE

TEMPERED SAFETY CLASS.
TOP ALL WINDOWS PER PLAN
WINDOWS WITHIN 24" OF EXTERIOR DOORS SHALL BE TEMPERED SAFETY

5. WINDOWS WITHIN 28' OF EXTENTION BOOKS STALL BE TEMPERED SAFETY CHASS.

8. ALL BEDROOM / SEEDPING ROOM WINDOWS TO HAVE A CLEAR OPENING OF 5.7 SQUARE FEET MERICAGE WITH A MICH. MIDTH OF 20" AND MIN. NEGHT OF 2".

PROVIDE A MR. 9" TABSISCA STROUND ALL EXTERIOR WINDOWS WITH COUNTER-FLASHING AND APPROVED CALLENG, HISTALL ALL WINDOWS AND FLASHING PER MANUFACTURERS SPECIFICATIONS.

WINDOW WELLS.

1. 44 MAXMUM DEPTH (LADDERS NOT REQUIRED). FOR WINDOW WELLS WITH A DEPTH CREATER THAN 44 PROVIDE STEPS OR LADDERS PER IRC

JIGZ (1).

2 WELLS MUST MAINTAIN ISHBIUM OF 36" HORDZONTAL CLEARANCE FROM FOUNDATION TO FRONT OF WINDOW WELL MAINTAINER A MIN. B 50. FT.

2 WELLS MUST MAINTAIN A MINIMUM OF 36" OF VERTICAL CLEARANCE FROM, ANY BUILDING PROJECTION SUCH AS CANTILEVERS OR BAY

EXTENDE DOOPS:

1. ALZ DOOPS

BRICK VENEER:

1. EACH GALVANIZED BRICK TIE SHALL SUPPORT NO MORE THAN TWO

1. EACH CALVANIZED BRICK TIE SHALL SUPPORT NO MORE THAN TWO SQUARE FROM TIES TO WALL STUDS.

2. ATTACH BRICK TIES AROUND OPENINGS NO MORE THAN 35 INCHES O.C. AND WITHIN 12 INCHES OF OPENING.

4. BRICK TIES SHALL BE MECHANICALLY ATTACHED TO HORIZONTAL JOINT

8. RELIGOROGUENT. SE ELCANDELLE MINISTER DE MONTONE LE MENTONOMINA COMPANIA EN LOCATIO BENEATH THE FIRST COURSE OF MASONRY ADONE FOUNDATION WALL AND OTHER POINTS OF SUPPORT. IS AT 32 NICHES OF LANGUAGE PASONE AND SHALL BE A KIN-M, "DAMPETER LOCATIO MINISTERLEY ABOVE RUSSING." AND SECTION RYOJ.7.1
FOLLOW ALL OTHER REQUEREMENTS FOUND IN SIG SECTION RYOJ.7.1

STUCCO.

1. USE CALLERON PORTLAND CEMENT PLASTER SYSTEM #9200 OVER
1. LISELED EXTEROR WALLS.

2. CRACKING.

2. CRACKING.

3. USE CALVANIZED 20 CAUCE WEEP SCREED, FASTINERS, CORNER AD,

2. FLASHING IN ALL TYPICAL AREAS.

4. APPLY APPROVED MULIES WARP OVER EXTERIOR WALL SHEATHING.

INSTALL PER MANUFACTURER'S SPECIFICATIONS.

5. JUST EZ SEAL (6) 1000 AND DOORS WHEEE APPLICABLE.

7. CPS FOAM TRIM WHERE SPECIFIED ON ELEVATIONS.

WEATHER PROTECTION:

1. INSTALL 1 OR 2 LAYERS OF GRADE O (15LB) FELT UNDER ASPHALT ROOF SHOWLES PER IRC 805.1.

INSTALL TYPEK OR APPROVED HOUSE WRAP BEHIND ALL EXTERIOR SDING

AND MASONRY

2. INSTALL SELF ADHERED POLYMER MODIFIED BITUMEN SHEET FROM EDGE
OF FASCIA TO A LINE 24" BEHOND THE EXTERIOR WALL LINE, AND ALL

SOOT WALLEYS.

IN SULATE AND WEATHER STRIP ALL ATTIC AND CRAIM, SPACE ACCESS
HATCHES W/ SAME IT VALUE AS THE FLOOR / CERMIN ASSEMBLY.
PROVINCE METAL FLOORING OR IN THE FETT BETWEEN WOMEN SHEATHEN
OF THE STRIP ASSEMBLY.

METAL FLASHING TO BE PROVIDED WHEREVER WATER FROM WEATHER
DARRIER CAN DITTE DWELING.

STAIRWAYS:
1 MAXIMUM RISER HEIGHT = 7% INCHES, TREADS TO BE A MIN. 10" WITH

NO MORE THAN % VARIATION.
WHERE STAIRS ARE CURVED A MIN. RETURN OF 6° OF TREAD MUST BE

MAINTAINTD.

STARRAYS WITH SOLID RISERS MUST HAVE A NOSING NOT LESS THAN & NORTHS AND NO MORE THAN 18 THCHES, FOR TREADS 11 HOUSE OR DIDER AND NO MORE THAN 18 THCHES, FOR TREADS 11 HOUSE OR DIDER AND THE STARRAY.

ALL STARRS MUST HAVE A MISHING WOTH O' 35" OR THE WOTH OF THE STARROASE WECKEVER IS GREATER.

OF THE STARROASE WECKEVER IS GREATER.

DOOR TOCK NOT SWING OVER THE STARRS AND PROVIDED THAT THE TOP SITE DOCS NOT EXCEED 8" LOWER THAN TOP OF FLOORS.

ALL STEPS SHALL BE A GOULD DISTANCE, FROM TOP OF CANDING TO PHILADED PLOOR, (REIGHT DIVIDED BY NOW MANY RISERS — EQUAL DISTANCE).

BAILING:

1. MANORAILS ARE REQUERED AT ALL STARWAYS HAVING MORE THAN TWO RISERS.

2. HANDRAILS SHALL BE PLACED NOT LESS THAN 34° INCHES AND NOT

HANDRAILS SHALL BE PLACED NOT LESS THAN 34" INCRES AND NOT MORE THAN 35" INCRES HICH.

CUARDRAILS (42" INCRES) ARE REQUIRED AT ALL LANDINGS. DECKS, OR FLOOR LEVELS MORE THAN 30" ABOVE FINISHED CRADE AND SHALL SUPPORT A MM. 200 LBS.

4. BALLISTERS FOR HANDRAILS OR GUARDRAILS SHALL BE SPACED SO THAT A 4" INCH SPHERE CAN NOT PASS THROUGH. S. RETURN ALL HANDRAILS INTO WALL, NEWEL POST OR SAFETY TERMINAL. 6. HANDRAILS DEDPER THAN 2% ROCHES SHALL HAVE FINGER GROOVES % INCH BY X" DEEP ROUTED THE ENTIRE LENGTH OF AT LEAST ONE SIDE OF HANDRAS.

OF HANDRAL.

CHEE WARNING SYSTEM AND PROTECTION:

CARAGE WALLS NOT COMMON WITH HABITABLE SPACE SHALL BE
SHEET ROCKED WITH 1/2" OTP BOARD APPLED TO THE CARAGE SDE.
CARAGE WALLS CORMON WITH HABITABLE SPACE SHALL BE SHEET
ROCKED WITH 1/2" OTP BOARD APPLED TO THE CARAGE SDE.
CARAGE WALLS CORMON WITH HABITABLE SPACE SHALL BE SHEET
ROCKED WITH 1/3" OTP BOARD.

2" THE "I "OTP BOARD.

2" THE "I" "OTP BOARD.

2" HITH "I" "OTP BOARD.

3" THE "I" "OTP BOARD.

3. SHEET ROCK BELOW ALL SYARS WITH 3/8" THE "X" OTP BOARD.

4. FREPLACE CHARLES WEST EXTED MEN. 24" INCRES ABOVE ANY ROOF

5. PROVIDE CHARLES WEST EXTED MEN. 24" INCRES ABOVE ANY ROOF

5. PROVIDE CHARLES WEST EXTED MEN. 24" INCRES ABOVE AREAS, ALONG
WITH ONE PER HABITABLE FLOOR LEVEL, INCLUDING BASELINITS AND

CHARL SPACES.

5. PROVIDE SHAME DETECTORS IN ALL BEDROOMS. SLEEPING AREAS, ALONG
WITH ONE PER HABITABLE FLOOR LEVEL, INCLUDING BASELINITS AND

CHARLES SPACES.

5. ALL SMOKE CRETECTORS IN ALL BE HARD WIRD WITH A BATTERY

BACK-UP.

NECHANICAL:

1. TERMINATE MECHANICAL DUCTS WITHIN 4 FEET OF AN OPERABLE EXTENSION DOOR OR WINGOW OR ART INLET.

2. MAX LENGTH OF DRIVEY VOTITS 25 FEET. REDUCE LENGTH BY 2.5 FEET FOR EACH 45 DEGREE BERN DO RS 5 FEET FOR EACH 49 DEGREE

BEID.

DRITE EDHAUSI SYSTEMS SHALL CONVEY MOISTURE TO THE OUTSIDE OF THE BUILDING. SCREENS SHALL NOT DE INSTALLED AT THE OUTSIDE OF THE BUILDING. SCREENS SHALL NOT DE INSTALLED AT THE OUCT TERMENAL DUCTS SHALL HAVE A BACK ORAFT DAMPELLED.

4. A LON, 900 MIN. EFFICIENCY FURNACE SHALL BE INSTALLED.

5. ALETAL OR FOIL TAPE MUST BE USED ON DUCTING. CLOTH TAPE IS PROCEEDING.

PROMETITED.

TERMINATE EXHAUST OUTLETS A MIN. 3 FEET ABOVE AN OFFERABLE DOOR, MINDOW OR ARE VEHT WITHIN 10 FEET OF EXHAUST IDEALING DOOR, MINDOW OR ARE VEHT WITHIN 10 FEET OF EXHAUST IDEALING DOOR MINDOW OR ARE VEHT WITHIN 10 FEET OF EXHAUST CHARGES RECOMMENDATIONS FOR ALL WALL TILE / PANES IN THE AMO SHOWER AREAS.

CAS LIKES SHALL NOT PASS INFOUND OR PENETRATE ANY DUCT OR

9. GAS LINES SHALL NOT PASS THROUGH OR PENETRATE ANY DUCT OR PLEDAM.

10. TASE FREPACES MUST BE DIRECT VENT TERMINATIVE CHAUST TO THE EXTERNAL REPULANCE SHALL BE COUPLED WITH ME RASY ACCESS GAS SHUT-OF VALVE WINN 8 FEET OF APPLIANCE.

10. COMBUSTON ART TO FURNACE MUST BE SUPPLIED BY TWO VERTICAL OPENINGS (ONL 12" ABOVE FLOOR AND ONE 12" BELOW CELLING) EACH WITH ONE SOURCE.

10. COMBUSTON ART TO FURNACE MUST BE SUPPLIED BY TWO VERTICAL OPENINGS SHOULD BE SOURCE.

11. BROUGHT IN FROM QUITSDE, AS AN ALTERNATIVE, COMBUSTION ART MAY BE SUPPLIED BY TWO HORIZONTAL OPENINGS EACH WITH ONE SHOULD BE SUBJECT OF TOTAL ROPUT RATING OF ALL APPLIANCES WITHIN THE SPACE.

10. ROUGHT IN STACES MIND THE SPACE.

11. ROUGHT STACES WITHIN THE SPACE.

12. ROUGHT OF THE SPACE.

13. ROUGHT INFORM STACES AND CHARLES BY MET ONE SIN MATINESHED APPLIANCES, CRAIM, SPACES, ARTIES, UNHEATED GARAGES ETC.

PLIMBING:

1. ANCHOR / STRAP WATER HEATERS TO RESIST HORZONTAL MOVEMENT
MITH THE UPPER STRAP IN THE TOP 1/3 SECTION OF THE APPLIANCE
AND THE BOTTOM STRAP A MIN. 4" ABOVE THE CONTROLS PER IRC

P2801.7

ALL APPLIANCES WHICH REQUIRE PRESSURE RELIEF VALVES SHALL ALSO BE PROVIDED WITH A FULL SIZED DRAIN EXTENDING TO A FLOOR DRAIN A FLOOR DRAIN SHALL BE PROVIDED AT ALL WATER HAZERS.
SHOWER PANS MUST HAVE AN APPROVED LINER ENDING 3" ABOVE THE PRESSHED PRESSHED HAZESHOLD, PROVIDE SOLD STUD BLOCKING BEHIND LINER

SISHMASHER TERRIHAL OF A CARRACE DISPOSAL.

ID MATER HAMMER ARRESTORS REQUIRED WITH QUICK—CLOSING VALVE(DISH DOTHES WASHERS) PER IRC P 200.3.5

ID MATER HAMMER ARRESTORS REQUIRED WITH QUICK—CLOSING VALVE(DISH DOTHES WASHERS) PER IRC P 200.3.5

IT TRAP PRIMERS REQUIRED AT ALL FLOOR DRAMS.

ID TRAP PRIMERS REQUIRED AT ALL FLOOR PRIMER OF THE SETTIMONE OF THE STATE OF T

19. PROVIDE ACCESS TO MOTORS AND PUMPS ON ALL JETTED TUBS.
20. PLUBBING AND CONDUNT PENETRATIONS WITHIN A GARACE SEPARATION WALL SHALL BE COPPER OF FERROUS.
21. COOKING APPLIANCES SHALL BE LABELED AND APPROVED FOR HOUSEYIGHD TYPE FOR DOMESTIC USE AND INSTALLED PER MANUFACTURESS INSTRUCTIONS PER INJURIES. MOLE CUTTING.
22. PLUBERT TO CONFERENTIAL PROPERTY FOLE CUTTING.

QUIDELINES AND RECOMMENDATIONS FOR ALL I-JOISTS AND BEAM PENETRATIONS. DO NOT HAMMER I-JOISTS FOR PLUMBING HOLES.

ELECTRICAL:

1. A MINISTAN OF JOZE OF THE LAMPS IN PERMANENTLY INSTALLED LIGHTING PRITURES SHALL BE HIGH-EFFICIENCY LAMPS (COMPACT FLUORESCENT, T-8 OR SMALLER LIBERA, FLUORESCENT, OR LAMPS OWER 15 WAITS TO 40 WAITS AND ALL LIMENS/WAIT, FOR LAMPS OWER 15 WAITS TO 40 WAITS AND ALL LIMENS/WAIT FOR LAMPS 18 WAITS OR LESS) FOR EMERCY COMSERVATION, SECTION WITHOUT 18 WAITS TO 40 WAITS AND ALL LIMENS/WAIT FOR LAMPS 18 WAITS TO 40 WAITS AND ALL LIMENS AND ALL LIMENS AND ALL LIMENS AND CARLES AND FERNING LIMENS AND CARRACES MUST BE PROTECTED BY A LISTED ARCHARDLY CRICKLY SINCERNIP HIGH ALL LISTEDCAL DUTLETS (FOR POTAL) AND CARRACES MUST BE PROTECTED BY A LISTED ARCHARDLY CRICKLY SINCERNIP HIGH ALL LISTEDCAL COLLETT OR POWER PROTECTION TO THE BRANCH CRICHT. (ARTICLES 200.12 (A) AN 210.12 (B) MCO)

ARC-PAULT CRICUIT INTERRUPTER, COMBINATION—TYPE. TO PROVIDE PROTECTION TO THE BRANCH CRUILL (ARTICLES 2012) (A) AN 210.12 (B) MCC)

(B) MCC)

RECISSED PIXTURES INSTALLED BY AN INSULATED CAVITY OF THE THERMAL ENVELOPE MIST BE "C-RATED" AND SEALED WITH A CASKET OR CAULK TO LIBIT AT LEARAGE (SECTION 402.43, CAS AS PART OF THE CRUMPING ELECTRODE SYSTEM. THIS GROUND CONSISTS OF A MINIMUM 20 LENGTH OF ELECTRICALLY CONDUCTIVE TWO. 4 REINFORCING BAR ENCASED BY AT LEAST 2" OF CONCRETE AND LOCATION BRAN THE BOTTOM OF A CONCRETE TOURNATION OF PROTING THAT IS IN DIRECT CONTACT WITH THE EARTH, (ARTICLE 250–32(A)(S)MCC.), IRE ZSGOD LUCTURE NETALLED BY MET LOCATIONS SHALL BE MARKED "SUTTABLE FOR MARKED STALLED BY MET LOCATIONS SHALL BY MERCED "SUTTABLE FOR DAMPS LOCATIONS" SHALLED STATEMED FOR STALLED BY MET LOCATIONS SHALLED MARKED "SUTTABLE FOR DAMPS LOCATIONS" SHALLED MARKED "SUTTABLE FOR DAMPS LOCATIONS" SHALLED MARKED "SUTTABLE FOR DAMPS LOCATIONS SHALLED MARKED "SUTTABLE TO MERCED STATEME FOR DAMPS LOCATIONS" SHALLED MARKED "SUTTABLE TO MET LOCATIONS SHALLED MARKED "SUTTABLE TO MET LOCATIONS SHALLED MARKED "SUTTABLE TO MET LOCATIONS SHALLED MARKED STATEMED STATEMED TO PROVIDE SHALLED MARKED STATEMED TO MET LOCATIONS SHALLED MARKED SHALLED MET LOCATIONS SHALLED MARKED SHALLED MARKED SHALLED MARKED MERCHANDER SHALLED MARKED MERCHANDER SHALLED MARKED MERCHANDER SHALLED MARKED MERCHANDER MARKED SHALLED MARKED SHALLED MARKED MARKED MARKED SHALLED MARKED MARKED SHALLED MARKED MORKED LAKARLES SHALL HAVE THE MERCHANDER DATE OF THE MARKED MORKED LAKARLES SHALL HAVE THE MERCHANDER DATE OF THE MARKED SHALLED MARKED MORKED LAKARLES SHALL HAVE THE MERCHANDER DATE OF THE MARKED MORKED LAKARLES SHALL HAVE THE MERCHANDER DATE OF THE MARKED MORKED LAKARLES SHALL HAVE THE MERCHANDER DATE OF THE MARKED SHALLED MARKED MORKED LAKARLES SHALL HAVE THE MARKED MORKED MARKED SHALLED MARKED MORKED MARKED SHALLED MARKED MORKED LAKARLED MARKED MORKED LAKARLES

15. SPACE OUTLETS SO THAT NO POINT MEASURED HORIZONTALLY ALONG

15. LESTING.

15. LESTING.

16. LESTING.

17. LESTING.

18. LEGITING LEE HANY WALL SPACE IS GETATER THAN B FEET FROM A RECEPTACLE OUTLET IRC ESSOILS.

18. LEGITING REQUIRED AT ALL INTERIOR AND EXTERIOR STAIRWAYS. SMITCHED AT EACH FLOOR LEVEL WITH ANY STAIR RINN IS 8 STEPS OR MORRIES LESTING.

18. LEGITING LEVEL WITH ANY STAIR RINN IS 8 STEPS OR MORRIES LESTING.

19. LEGITING LEVEL WITH ANY STAIR RINN IS 8 STEPS OR COMBUSTBLES MEASURED HORZONTALLY.

19. PLACE OR GETO OUTLET PER CARACTE DOOR BAY MISDE CARACTE.

19. HALLWAYS LONGER THAN 10' SHALL HAVE A MAN. ONE OUTLET PROMOTE RC SECTION ESSOIL 10'

20. THE ELECTRICAL PARKEL SHALL HAVE A MAN. ONE OUTLET PROMOTE RC SECTION ESSOIL 10'

21. ELECTRICAL PARKEL SHALL HAVE A 30'MDE X 36' DEEP LINGUISTRUCTED WORKING SPACE FOR EASY ACCESS WITH A MIN. 6'-6'

21. ELECTRICAL SHALL, FOLLOW MANUFACTURERS GUIDE FOR DRILLING OR NOTCHICH ROLES IN 1-00STS AND BEAMS. DO NOT "HAMMER" HOLES IN 1-30STS AND BEAMS. DO NOT "HAMMER" HOLES IN 1-30STS FOR PEMETRATIONS.

INSULATION AND PRESCRIPTIVE EMERGY CODE REQUIREMENTS:

1. PROXECT DESIGNED WITH 2 X 4 EXTERIOR WALLS ARE NON-PRESCRIPTIVE AND RECURS AT EXPERIENCE WALLS AND EXPENDED TO THE BUILDING AND RECURS AND RECURS WITH 2 X 8 EXTERIOR WALLS SHALL COMPLY WITH THE PRESCRIPTIVE ENROPY CODE REQUIREMENTS AS FOLLOWS:

(A) CELINGS TO BE INSULATED WITH R-35 INSULATION OR BETTER.

(G.) EXTERIOR WALLS INSULATED WITH R-23 INSULATION (INCLIDING CARAGE SEPARATION WALLS.)

(C.) BASERDIT WALLS INSULATED WITH R-10 (CONTINUOUS) OR R13

(C.) BASEMENT WALLS INSULATED WITH R-10 (CONTINUOUS) OR RIS (CANTY) INSULATION. (D.) U-FACTORS SHALL EQUAL 0.30 FOR FENESTRATION (0.60 FOR SXYLDISTS) (C.) ALL WINDOWS MUST BE INFRC 100 COMPULANT (F.) A PERMANENT CERTIFICATE IS 10 BE POSTED ON OR IN THE ELECTRICAL PAREL THAT LISTS THE PREPOMENTANT "A" VALUES INSTALLED IN THE ROPE OF CEILINGS, WALLS, FOUNDATIONS AND FLOORS AS WILL AS THE U-FACTORS FOR WINDOWS, DOORS AND SYYLDISTS (CHAPTERS 4.30, 60" THE ECC)

VARIOUS NOTES:
1. WHERE ROOF AND OR CEILING FRAMING EXCEEDS 18" ON CENTER

1. WHERE NOW AND ON CELLING PRIMAINS EXCLUSED TO ON CONTEX SPACING, VETTER EXPONENTIAL IS REQUIRED.

2. DRIVMALL GREDITATION IS TO BE PERPENDIQUIAR TO THE FRAMING MEMBERS (TABLE 8702.3.5) OF THE 2010 RC)

3. ATTIC ACCESS (LOCATION PER PLAN) SHALLE BA MIN. MOTH OF 22 NCHES AND A MINIMAL HEAGHT OF 30" WITH A SMITCHED LIGHT TO THE

4. CRAWL SPACE ACCESS TO BE A MINIMUM WIDTH OF 18" AND A MINIMUM

LENCIN OF 24".

SPRIAL STARRASE NOTE: (IF PLAN CALLS FOR ONE): THE MIN. CLEAR WIDTH SHALL BE 26" WITH EACH TREAD HAVING A 7.3" BLM. TREAD DEPTH AT 12" FROM THE HARROWER EDGE ALL TREADS SHALL BE EIGHTIGAL AND THE RISE SHALL BE NO MORE THAN DIE," A MINHAM HEADROOM OF 6"-6" IS ROUTHED. A CONTINUOUS GRASPABLE HANDRAIL IS REQ. ON THE OUTSIDE AT 34" TO 38" ABOVE THE NOSING AN PROVIDED WITH BALLISERS SPACED SO THAT A 4" SPHERE CAN NOT PASS THROUGH, HANDRAILS ARE REQUIRED FOR STARR RUNS HAWING 4 OR MORE RISES.

288 ENGINEERING LLC TEFE FIRM NO 14418 FH: 822-656-3552 ZIS NOBLE OAK LN. PEARLAND, TX-7754 SINGLE FAMILY RESIDENC 209 HORSE SHOE TRAIL ANGLETON, TX-77515

APPENDI. ATE OF TEES * RANA S. REHMAN 105132 CENSO Stewal !

GENERAL NOTES

ISSUED FOR CONSTRUCT

GENERAL NOTES

- 1. THE STRUCTURAL DRAWINGS ARE NOT TO BE SCALED FOR DETERMINATION OF QUANTITY, LENGTH, OR FIT OF MATERIALS.
- 2. THE STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INDICATE THE METHODS OF CONSTRUCTION UNLESS SO STATED OR NOTED. THE CONTRACTOR SHALL PROVIDE ALL MEASURES MECESSARY TO PROTECT THE WORKMEN AND OTHER PERSONS DURING CONSTRUCTION.
- 3. THE CONTRACTOR SHALL PROVIDE TEMPORARY ERECTION BRACKING AND SHORING OF ALL STRUCTURAL WORK AS REQUIRED FOR STABILITY OF THE STRUCTURE DURNOS ALL PHASES OF CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY CONDITION WHICH, IN HIS OPINION, MIGHT ENDANGER THE STRELITY OF THE STRUCTURE OR CAUSE DISTRESS IN THE STRUCTURE.
- 4, CONSTRUCTION MATERALS SHALL NOT BE STORED ON FLOORS OR ROOFS IN EXCESS OF THE DESIGN, LOADS, UNLESS SPECHFALLY APPROVED IN WRITING BY THE STRUCTURAL ENGINEER-OF-RECORD, IMPACT SHALL BE AVOIDED WHEN PLACING MATERALS ON FLOORS OR ROOFS, IT IS THE CONTRACTORS RESPONSIBLITY TO BEFORCE THESE REQUIREMENTS.
- 5. SECTIONS IDENTIFIED AS TYPICAL SHALL BE APPLICABLE TO ANY IDENTICAL OR SIMILAR AREAS.

DESIGN DATA::

DE: 2018 INTERNATIONAL RESIDENTIAL CODE

DEFLECTION CRITERIA:
EXTERIOR WALLS UNDER WIND LOAD
FLOOR FRAMING UNDER LIVE LOAD
ROOF FRAMING UNDER LIVE LOAD MIND LOADS: WIND DESIGN VELOCITY VAIL EXPOSURE: C 146MPH RISK CATEGORY: II 1240 1240

FOUNDATION DESIGN CRITERIA

FOUNDATION DESIGN FOR THIS BUILDING IS BASED UPON THE FOLLOWING

BEARING STRATA: FOUNDATION TYPE: SLAB ON GRADE

WOOD CONSTRUCTION: CLAY (CH) SOFT TO HARD DARK BROWN TO BROWN CLAYS

- ALL MEMBERS SHALL BE FRAMED, ANCHORED, TIED, AND BRACED SAS TO DEVELOP THE STREMOTH AND RIGIDITY MECESSARY FOR THE PURPOSES FOR WHICH THEY ARE USED, WORK SHALL BE PERFORMED BY EXPERIENCED ERECTORS.
- 2. PREPARATION, FABRICATION, AND INSTALLATION OF WOOD MEMBERS AND THEIR FASTENING SHALL CONFORM TO ACCEPTED ENGINEERING PRACTICES AND TO THE REGUIREMENTS OF IRC. WORK SHALL BE PERFORMED BY EXPERIENCED FABRICATIORS.
- 3. DUE TO VARIATIONS AND DIFFERENCES IN CONSTRUCTION PRACTICES, WOOD FRAMING IS SUBJECT TO REVIEW BY THE STRUCTURAL ENGINEER OF RECORD,
- GRADES

ROOF RAFTERS:
CEILING AND FLOOR JOISTS:
BEAMS & HEADERS: WOOD POSTS: SYP #2 OR EQUAL
SYP #2 OR EQUAL
REF. PLANS
STUD GRADE, SYP, KD, S4S.
REF. PLANS

KOYES:

- COMTRACTOR SHALL NOT ALTER THE DRAINAGE PATTERN OF
-- COMTRACTOR OLDSPOSE EXCLANTED SOLLTO OFF SITE
LOCATION PER APPLICABLE ENVIRONMENTAL LAWS. PROPOSED STRUCTURE DESIGN IS IN COMPLIANCE WITH 2018 INTERNATIONAL RESIDENTIAL CODE.

RODE PEAD LOAD; 20 PSF RODE LAG: 20 PSF RODE LAG: 20 PSF CONCRETE: 3000 PSI BUILDING CODE: 2018 IRC WNID: 148 MPH EXP: C

7. HEADERS:

AT BEAMS MADE UP OF A NUMBER OF 2X JOISTS, EACH JOIST WILL BEAR ON A WALL STUD (JE. NUMBER OF WALL STUDS SHALL MATCH NUMBER OF JOISTS BEANING ON THESE STUDS), THE CENTERUNE OF THE BEAM SHALL BE THE CENTERUNE OF THE BEAM SHALL BE THE CENTERUNE OF THE BEAM SHALL BE THE

ALL BEAMS MADE UP OF A NUMBER OF 2x JOISTS SHALL BE FASTENED AS FOLLOWS: FOR THE MAXIMUM HORIZONTAL SPACING OF BOLTS:

22x 164.WILS @ 12* TOP & BOTTOM, STAGGER, EA, FACE 32x 200 NALS @ 12* TOP & BOTTOM, STAGGER, EA, FACE 42x (OR MORE) BOLTS @ 12* TOP & BOTTOM, STAGGER (W/ STD WASHERS)

BOLTS SHALL BE 58'0, LOCATED 2" MYIMUM FROM BEAM EDGES AND SHALL BE STAGGERED IN TOP AND BOTTOM ROWS, PROVIDE STANDARD WASHERS @ EACH FACE.

ALL DOOR AND WINDOW HEADERS (OR HEADERS AT ANY OTHER OPENING) THAT ARE NOT SPECIFED ON PLANS SHALL BE AS FOLLOWS: FLOOR FRAMING: 22X18 CEILING FRAMING: 22X8

MINIMUM BEARING OF ANY BEAM OR HEADER AT A STUD WALL IS 3-1/2"

8. PLYWOOD ROOF DECKING:

PLYWOOD CLIPS @24"OC. SHALL BE INSTALLED @ ROOF DECKING TO RESULT IN A 1/8" GAP BETYVELN ALL PANEL EDGES, PROVIDE 1 CLIP PER SPAN (JOIST SPACING), CLIPS SHALL BE SIMPSON PSCL., OR APPROVED EQUAL, TO MATCH CORRESPONDING PLYWOOD THICKNESS.

STSIOL

JOIST BLOCKING

- A) JOISTS SHALL BE LATERALLY SUPPORTED AT EACH END AND AT EACH SUPPORT BY SOLID BLOCKING EXCET WHERE THE ENDS OF JOISTS ARE MALED INTO A HEADER, BAND OR RIM JOIST OR TO AN ALXONING STUD SOLID BLOCKING SHALL NOT BE LESS THAN TWO INCHES IN THICKNESS AND SHALL MATCH THE DEPTH OF THE JOIST.
- B) PROVIDE SOLID BLOCKING UNDER ALL BEARING WALLS PERPENDICULAR TO THE DIRECTION OF THE JOISTS.
- C) PROVIDE DOUBLE JOISTS UNDER ALL BEARING WALLS PARALLEL TO THE DIRECTION OF THE JOISTS.

JOIST HOLES AND NOTCHES

- A) NOTCHES IN TOP OR BOTTOM OF JOISTS SHALL NOT EXCEED ONE SIXTH (1/6) THE JOIST DEPTH AND SHALL NOT BE LOCATED WITHIN MIDDLE THIRD OF THE SPAN.
- B) HOLES SHALL NOT BE CLOSER THAN 2" TO TOP OR BOTTOM OF JOST, THE DIAMETER OF ANY HOLE SHALL NOT EXCEED ONE FOURTH (1/4) THE JOIST DEPTH UNLESS APPROVED BY THE ENGINEER.

10. CONNECTIONS:

CONNECTORS SHALL BE AS MANUFACTURED BY SIMPSON STRONG-TIE COMPANY, INC. DUBLIN, CA. OR APPROVED EQUAL.

CONNECTORS SHALL BE THE MANUFACTURER-DESIGNATED SIZE FOR FRAMED MEMBERS, AND SHALL BE INSTALLED IN STRICT CONFORMANCE WITH MANUFACTURER'S INSTRUCTIONS.

FASTENERS ALL NAIL & BOLT HOLES SHALL BE ENGAGED, WITH MANUFACTURER-DESIGNATED

CONNECTORS SHALL BE INSTALLED AT THE ENDS OF ALL JOISTS & BEAMS FRAKING INTO OTHER (SUPPORTING) MEMBERS (UNLESS OTHERWISE NOTED).

PROVIDE MURRICANE CLIPS @ EVERY ROOF TRUSS OR RAFTER. (SIMPSON H1 OR APPROVED EQUAL)

PROVIDE SOLID BLOCKING BETWEEN ALL JOISTS AND TRUSSES AT EACH SUPPORT.

WINDSTORM CERTIFICATION

THE CONTRACTOR IS RESPONSIBLE FOR INFORMING 288 ENGINEERING, LLC (THE QUALIFIED WINDSTORM INSPECTOR)

72 HOURS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. SO THAT THE APPLICATION TO TEXAS DEPARTMENT FOR WINDSTORM BUILDING INSPECTION, FORM WPI-1, CAN BE SUBMITTED

288 ENGINEERING LLC TEFE FIRM NO 14418 PH: 832-656-3552 2715 NOBLE OAK LN.

PEARLAND, TX-77584

INFORMING THE QUALIFIED INSPECTOR 72 HOURS PRIOR TO START OF RESPONSIBLE FOR FOLLOWING CONSTRUCTION OF INSURANCE PRIOR TO BEGINNING CONSTRUCTION. THE CONTRACTOR

- ACTIVITIES:
- 1- FOUNDATION CONCRETE POUR
- FINAL FRAMING ROUGH FRAMING

- SIDING
- ROOF TRUSS INSTALLATION

COMPLIANCE FORM WPI-2, AFTER THE WORK IS COMPLETE UNLESS HE HAS PERFORMED THE WINDSTORM BUILDING CONSTRUCTION INSPECTIONS. THE QUALIFIED WINDSTORM INSPECTOR WILL NOT PROVIDE A COMPLETED

SINGLE FAMILY RESIDENG 209 HORSE SHOE TRAIL ANGLETON, TX-77515

OF INSURANCE (TD), AND MUST BE ON THE TDI APPROVED LIST OF PRODUCTS AND HAVE PRODUCT EVALUATION REPORT APPROVED BY THE TDI. IF PRODUCTS ARE SUBMITTED OR INSTALLED THAT REPLACED WITH PRODUCTS THAT MEET WITH TO STANDARDS. DO NOT MEET THESE REQUIREMENTS THEY WILL BE REJECTED OR WILL BE REQUIRED TO BE THE FOLLOWING PRODUCTS MUST MEET THE MINIMUM REQUIREMENTS THE TEXAS DEPARTMENT

- 1- ROOFING
- 2- SIDING 3- WINDOWS
- DOORS

CORROSION RESISTANCE

ASTM A187, OR HOT-DIP CALVANIZED AFTER FABRICATION AND MEET ASTM A123 OR A153.

OR HOT DIP CALVANIZED PRIOR TO FABRICATION AND MEET ASTM A653. ALL FASTENERS AND METAL CONNECTORS SHALL BE EITHER STAINLESS STEEL AND MEET

> VANA S. REHMAN 105132 *

GENERAL NOTES

ISCUED FOR CONSTRUC

KEY NOTES:

1. IB ROOF SYSTEMS SINGLE PLY
BOULT WATERPROOF PVC
MEMBRANE ROOF DECKING
SYSTEM OVER SHEATHING,
SYSTEM OVER SHEATHING,
WRAPPED UP INTERIOR SIDE OF
PARAPET WALL, FLASH ALL
SEAMS AND CORNERS PER
MANUFACTURER'S
RECOMMENDATIONS, (COLOR TO
BE WAITE TO REDUCE HEAT
BOSORPHON)
ROOFING SHALL BE IN TIN APPROVED LIST.
2. 1912" OVER-FRAME SLOPE TO
ROOF DRAIN AND OR SCUPPERS 16" WIDE X 4" TALL SCUPPER WITH ALUMINUM DRIP PAN.

2.5" THICK PRECAST CONC. CAP. TOP SLOPED TO DRAIN

6. SECONDARY 16" X 4" OVERFLOW WATER EVACUATION OPENING IN PARAPET WALL. PLACE BOTTOM AT 2 INCHES ABOVE ROOF SUBFACE SO PRIMARY DRAIN SYSTEM IS USED FIRST, PROVIDE ALUMINUM DRIP PAN

SEE ELEVATIONS FOR PARAPET HEIGHTS

ROOF PLAN

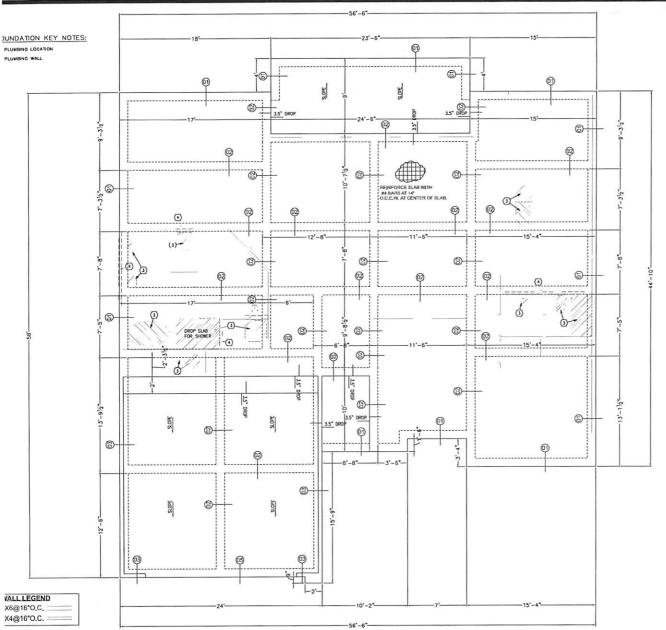


SINGLE FAMILY RESIDENCE 209 HORSE SHOE TRAIL ANGLETON, TX-77515

4. 3" DIAMETER ROOF DRAIN TO BE PLACED FLUSH OR SLIGHTLY INSET FROM ROOF SURFACE TO ALLOW FREE FLOW OF WATER INTO THE DRAIN. DRAIN. DRAIN COLORL COUPLY TO LOCAL CODE REO. TO RESIST ORGANIC DEBRIS FROM ENTERING THE PIPE. DRAINAGE PIPE TO BE CONCEALED IN EXTERIOR WALL WITH SCUPPER TERMINATING WATER NEAR GROUND SURFACE. CONCEAL VIEW OF DRAIN SCUPPER WITH STUCCO BUILD OUT.



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INISH FLOOR ELEVATION SHALL BE MINIMUM 2' ABOVE B.F.E. PER BRAZORIA COUNTY REQUIREMENTS. CONTRACTOR SHALL VERIFY LATEST LEQUIREMENTS W/ COUNTY AND REGISTERED LAND SURVEYOR

FOUNDATION PLAN S0.2 SCALE: NTS

BUILDER/CONTRACTOR TO VERIFY ALL DIMENSIONS, FLOOR PENETRATIONS, DROP AREAS, AND BLOCKOUT LOCATIONS ON SITE.

SITE PREPARATION REQUIREMENTS

STRUCTURAL FILL UNDER BUILDING AREAS SHOULD BE SELECTED WITH RESPECT TO PLASTICITY CHARACTERISTICS, SANDY CLAY WITH A LUGUO BUTH NOT GREATER THAN 40 AND PLASTICITY INDEX BETWEEN 9 AND 20 WILL BE SUITABLE FOR SELECTIMPERIOUS FILL. THE RECOMMENDED EARTHWORK CONSTRUCTION PROCEDURES UNDER BUILDING AND PAVING AREAS ARE AS FOLLOWS:

1- REMOVE ALL CONSTRUCTION DEBRIS AND ORGANIC SOILS TO A DEPTH OF AT LEAST SIX INCHES.

2- PROOFFOLL STRUCTURAL AND PAVEMENT AREAS WITH A LOADED DUMP TRUCK OR HEAVY ROLLER IN THE PRESENCE OF AN ENGINEERING TECHNIQUAN FROM PROOFESSIONAL GEOTECH COOMPANY; IF NO PUMPING IS ENCOUNTERED AND PROOFFOLL INSPECTION PASSES, SINF ITEM 3 AND GO INFECTLY TO ITEM 4 OF THIS SECTION

3. ONLY IF PUMPING IS ENCOUNTERED DURING PROOFROLLINSPECTION. THE UPPER TWO TO FOUR FEET (2.4) OF SOIL MAY BE REMOVED RISET FOLLOWED BY MINING OF UPPER TWELVE INCHES (12") OF EXPOSED SUBGRADE WITH FLYSH, LIME, PORTIAND CEMENT ANDOR THEM BEIND TO ASSORB EXCESS MOSTURE IN THE EXISTING SOIL AND UMPROVE STRENOTH OF THE SOIL, ONCE THE SUBGRADE IS RESISTANT TO YELLOM, SELECT FLIL CAN BE PLACED LIFT BY LIFT AND COMPACTED TO 95% OF STANDARD PROCTOR DENSITY, OTHER OPPIONS INCLUDE DRYING THE UPPER TWO TO FOUR FEET (2.4.) SOIL BY MATURAL MEANS (ARRAINO AND SCARFICATION) IF THE SCHEDULE AND WEATHER ALLOWS OR REPLACEMENT OF WET SILTY SOIL WITH DRY SELECT FILL.

4- PLACE FILL IN LOOSE LIFTS NOT EXCEEDING NINE INCHES AND COMPACT TO NOT LESS THAN 95 4-PLACE FILL IN LOGICE LETTS NOT EXCERCING NINE INCHES AND LOMPPLE LOGICI, TESS THAN 184-PERCENT OF THE MANIBUM BOY DENSITY DETERMINED BY ASIM SECRETICATION TESS THAN 184-PROCTOR). THE MOSTRURE CONTENT OF THE FILL SHOULD NOT HE LESS THAN TWO POINTS BEEL OW. OPTIMUM VALUE NOR MORE THAN THESE POINTS ABOVE THE OPTIMUM VALUE.

5. EXCAVATE THE SOIL IN CUIT AREAS TO GRADE AND PROOFROLL THE SURFACE SOIL

6- COMPACT STABILIZED SOIL IN PARKING AND DRIVEWAY AREAS TO NOT LESS THAN 95 PERCENT OF THE MAXIMUM DRY DENSITY OF STABILIZED SOIL.

7- PERFORM FIELD DENSITY TESTS TO VERIEY COMPACTION AT A FREQUENCY OF ONE TEST PER LIFT OF **PETRISHMENDESSALLESS LOVENET COMPACTED AREA IN BULLIONG MA. A. S.O. PERFORMED.

LIL FOR EVERY 2 OO SCHARE FEET OF COMPACTED AREA IN BULLIONG MA. A. S.O. PERFORM FIELD.

DENSITY JESTS ON STRAINERS SELL IN PARRONG AND DIS VEWEY AREAS AT A FREQUENCY OF ONE TEST.

FOR EVERY 2 OOS SCHARE FEET OF COMPACTED AREA.

8-MAINTAIN THE MOISTURE CONTENT OF BOTH FILL AND NATURAL SOIL UNTIL IT IS PERMANENTLY SEALED WITH THE FLOOR SLAB OR PAVEMENT.

9. SAND SHOULD NOT BE USED AS A LEVELING COURSE UNDER FLOOR SLAB AND PAVEMENT, SINCE IT PROVIDES READY PATH FOR MOISTURE TO GET IN.

10. UNLESS OTHERWISE STATED, EARTHWORK AND CONCRETE CONSTRUCTION MUST FOLLOW THE FOLLOWING.

ILLOWING
TEXAS DOT SPECIFICATIONS:
ITEM 1 10: EXCAVATION
ITEM 210: PROOF ROLLING
ITEM 260: LIME TREATMENT

ITEM 275. CEMENT TREATMENT ITEM 360: CONCRETE PAVEMENT

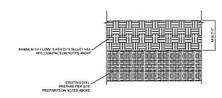
FOUNDATIONS GENERAL NOTES

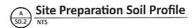
EXPOSURE TO ENVIRONMENT MAY WEAKEN THE SOILS AT THE FOOTING BEARING LEVEL IF THE FOUNDATION EXPANIFICATION TO WINDOWN HE SOLDS AT THE WORD BEAUTH OF SECURITY OF THE FOUNDATION EXPANDED SECTION FOR THE FOREIGN THE FOREIGN THE FOREIGN FOR TH

PERIODS. WE RECOMMEND, HOWEVER, THAT VERTICAL-SIDED EXCANATIONS BE LIMITED TO A DEPTH OF ABOUT FOUR FEET, SIDES OF TEMPORARY EXCANATIONS DEEPER THAN ABOUT FOUR FEET SHOULD BE BRACED OR SLOPED BACK TO AT LEAST VERTICAL ON ILS HORDOTHAL BRACHED REQUIREMENTS FOR EXCANATIONS DEEPER THAN FOUR FEET SHOULD BE EXCANATIONS DEEPER THAN FOUR FEET SHOULD BE CONTINUED FOR THE STATE AND LOCAL CONTINUED FOR THE STATE AND LOCA

FOUNDATION CONCRETE SHOULD NOT BE PLACED ON SOILS THAT HAVE BEEN DISTURBED BY

FOUNDATION CONCRETE SHOULD NOT BE PLACED ON SOLES THAT HAVE BEEN ISSTITUTED BY RAINFALL OR SEPFACE. IF THE BEARING SIGLS ARE SOFTENED BY SURFACE WATER INTRUSION DURING EXPOSURE OR BY DESICCATION, THE UNSUTABLE SOLES MUST BE REMOVED FROM THE FOUNDATION EXCAVATION AND REPLACED PRIOR TO PLACEMENT OF CONCRETE. IF THE EXCAVATION MUST REMAIN OPEN OVERNIGHT, OR IF RAINFALL BECOMES IMMINENT, WHILE THE BEARING SOLS ARE EXPOSED, WE RECOMMEND THAT A TWO-INCH MUD MAT OF LEAN CONCRETE (1, 000 PS) BE PLACED ON THE BEARING SOLLS BEFORE PLACEMENT OF REINFORCEMENT STEEL OR





CODE: 2018 INTERNATIONAL RESIDENTIAL CODE

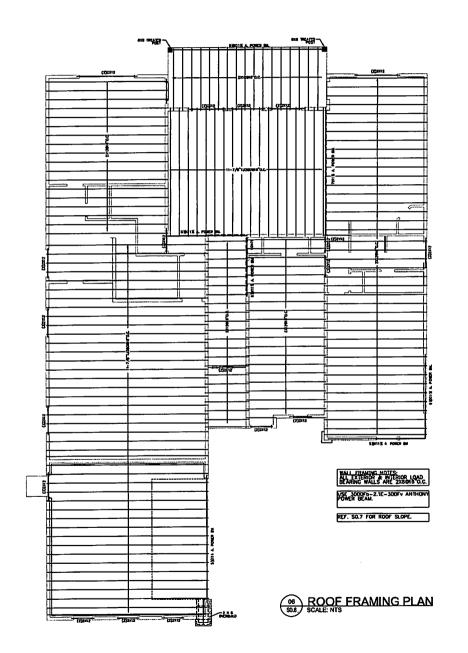


SINGLE FAMILY RESIDENCE 209 HORSE SHOE TRAIL ANGLETON, TX-77515



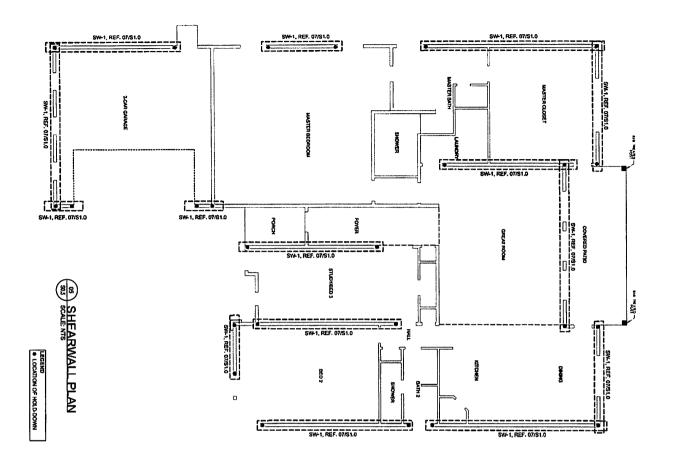
FOUNDATION PLAN

Protect Phase: ISSUED FOR CONSTRUC



	TBPE FIRM NO 14418 TBPE FIRM NO 14418 TH: 822-665-352 TIS NOBLE OAK LN. FIRM NOBLE OAK LN. FIRM NOBLE OAK LN.
	SINGLE FAMILY RESIDENC 209 HORSE SHOE TRAIL ANGLETON, TX-77515
	RAMA S. REHMAN 105132 B
	Red
	ROOF FRAMING PLAN
	Chaose by: Phylod No.: 10 Proposi Shase: Use: Use: Use: Use: Use: Use: Use: U
COE	S0.6

CODE: 2018 INTERNATIONAL RESIDENTIAL CODE

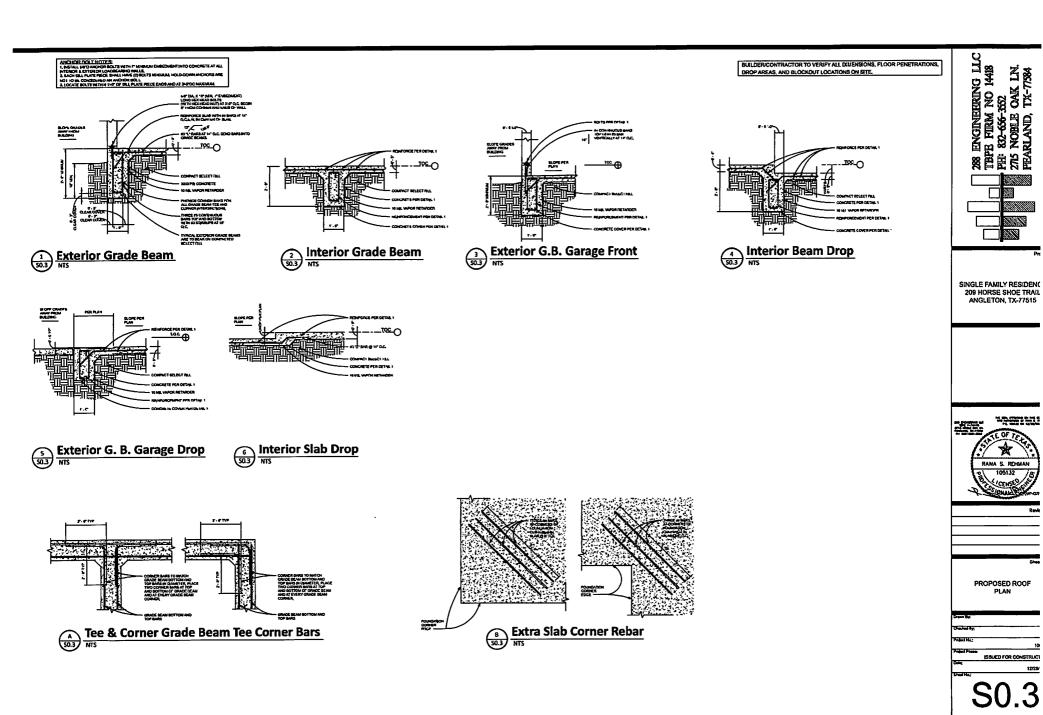


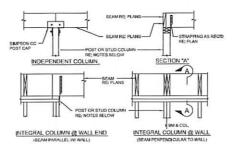
CODE: 2018 INTERNATIONAL RESIDENTIAL CODE

SHEARWALL PLAN
SHEARW



288 ENGINEERING LLC TBPE FIRM NO 14418 •PH: 832-656-3552 2715 NOBLE OAK LN. FEARLAND, TX-71584





NOTES: 1. ALL BEAMS MADE UP OF MULTIPLE 24 MEMBERS SHALL BE SUPPORTED @ EA. END BY A POST EQUAL IN TRICORESS TO THE BEAM (MIN.) I.E. 22-12 BEAM SHALL RECINIE 2-2. STUD POST (MIN.) SOLD DAWN LUMBER MAY BE BERTITUTED FOR BLILLUP POSTS. 2. COLLINGS MADE UP OF MULTIPLE 24 MEMBERS SHALL BE GLUED & FASTENED TO ACT AS A UNIT AS COTALED BE LOT.

DETAILED BELOW,

J. LIALESS HOLD OTHERMISE, PHAYLER, STRAND LUMBER (PSL.) AND LAMINATED LUMBER (I.S. 4.14.)

BEAUS & HEADERS SHALL BE SUPPORTED A EACH END AS FOLLOWS:

24 WIDE MEMBERS, TO 14 MEDIT. — 24 STUDG OR 44 POST

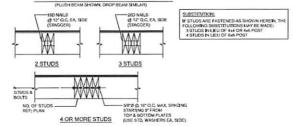
54 WIDE MEMBERS, TO 14 MEDIT. — 25 STUDG OR 44 POST

54 WIDE MEMBERS OVER 14 FORTH. — 25 STUDG OR 44 POST

54 WIDE MEMBERS OVER 14 FORTH. — 25 STUDG OR 44 POST

MAY COLUMN OR FOST HEIGHT. 19-97, RE PLANS OR CONSULT ENGINEER FOR LARGER HEIGHTS.

TYPICAL WOOD COLUMN DETAILS



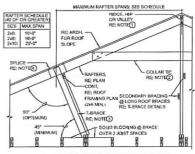
TYPICAL WOOD COLUMN DETAILS

	TOP WORK	IT HANGERS			10P MOXE	NT HANGERS			AND MUC	INT HANGERS
Supported lember Width	Supported Member Depth	Hanger	Maximum Load (lbs.)	Supported Member Width	Supported Member Depth	Hanger	Maximum Load (lbs.)	Supported Member Width	Supported Member Depth	Hanger
Superior Service	100 200000	BA48 3900 5-1/2" 11-7/8" HB5.50/11.88 5650 3-1/2"	3 - 1/2*	7 - 1/4"	HHUS48					
3 - 1/2" 7 - 1/4"	WPU 3 56/7 25	4165	5 - 1/2"	11 - 7/8"	HGLTV5.511	8835	3-1/2*	9 - 1/4" - 9-1/2"	HHUS410	
	l	BA410	3800		14"	HB5.50/14	5650	3-1/2	9-14-5-112	HGU5410
3 - 1/2*	9-1/4"	HB3,56/9.25	5650	5 - 1/2"	14	EGQ5.50-SDS33	19800	3 - 1/2*	11 - 1/4" - 11-7/8"	HHUS410
		BA410	3800			HGLT5.516	8835	3.112	11 - 174 - 11-179	HGUS412
3 - 1/2	9-1/2"	HB3.56/9.5	5650	5 - 1/2"	16*	EGQ5.50-SDS33	19800	3 - 1/2*	14*- 18*	HHUS410
200	100000000	B3.56/11.25	3800	75,573,699	0.000	HGLTV5,518	8835	3.112	1	HGUS414
3 - 1/2" 11 - 1/4"	HB3.56/11.25	5650	5 - 1/2"	18*	EGQ5.50-SDS33	19800	2.5022	(acceptant		
	BA 56/11 88	3800			HB7.12/9.25	5650	5-1/2*	7-1/4*	HGUS5,50/8	
3 - 1/2	11 - 7/8*	HB3.56/11.88	5650	7-	9 - 1/4*	GLTV49,25-2	7200	5 - 1/2*	9.1/4".9.1/2"	HHUS5,50/10
3 - 1/2" 14"	BA3.56/14	3800			HB7.12/9.5	5650	5 - 1/2	9-1/4-3-1/2	HGUS5,50/10	
	14"	GLTV3 514	7200	7*	9 - 1/2"	GLTV49,5-2	7200	5 - 1/2*	11 - 1/4" - 11-7/8"	HHUS5,50/10
		BA3.56/16	3800	7*	6000000	HB7.12/11.25	5650	3.112		HGUS5,50/12
3 - 1/2*	16"	GLTV3,516	7200		11 - 1/4"	HGLTV411,25-2	6835	5 . 1/2*	14"	HHUS5,50/10
	10.025%	HB3 56/18	5650	12.85	5000058849	HB7.12/11.88	5550	5.112	/"	HGUS5,50/14
3 - 1/2"	18*	HGLTV3,518	8835	7*	11 - 7/8"	EGQ7.25-SDS33	19800		20050000	HGUS5,50/14
200000		1000 (18 of Various)				HQLTV414-2	8835	5 - 1/2*	16" - 18"	HOUT, SC-EDE 3
5 - 1/2"	7 - 1/4"	HB5,507,25	5650	r	14"	EGQ7,25-SDS33	19800	7.	9-1/4"-9-1/2"	HHUS7,25/10
		HB5.50/9.25	5650		16*	HGLTV416-2	8335	7.	11 - 1/4" - 11-7/8"	HGUS7,25/10
5 - 1/2"	9-1/4	GLTV5 50/9 25	7200	7*		EGQ7.25-SDS33	19800			HHUS7,25/10
		HB5 50/9.5	5650		100	HGLTV418-2	8835			HGUS7,25/12
5 - 1/2	9 - 1/2"	GLTV5 59	7200	7*	18*	EGQ7.25-SDS33	19800	7.	14"	HGUS7,25/14
		HB5 50/11.25	5650							160/125-0303
5 - 1/2" 11 - 1/4"	11 - 1/4"	GLTV5.50/11.25	7200					7*	16" - 18"	HGUS7.25/14
		GETTAGOTTES								H+GUS 25-509.3

FACE MOUNT HANGERS				
Supported Member Width	Supported Member Depth	Hanger	Maximum Load (lbs.)	
3 - 1/2"	7 - 1/4"	HHUS48	4210	
3-1/2*	9-1/4-9-1/7	HHUS410	5635	
3-1/2	3-14-5-112	HGUS410	9100	
3 - 1/2*	11 - 1/4" - 11-7/8" -	HHUS410	5635	
3.1/2	11-1/4 - 11-1/0	HGUS412	9600	
3 - 1/2*	14" - 18"	HHUS410	5635	
3 - 1/2	14 - 10	HGUS414	10100	
5-1/2"	7-1/4*	HGUS5,50/8	7460	
	9 - 1/4" - 9-1/2"	HHUS5,50/10	5635	
5 - 1/2*		HGUS5,50/10	9100	
5 - 1/2*	11 - 1/4" - 11-7/8"	HHUS5,50/10	5635	
3 - 1/2		HGUS5,50/12	9600	
5 . 1/2*	14"	HHUS5,50/10	5635	
5 - 1/2		HGU\$5,50/14	10100	
5 - 1/2*		HGUS5,50/14	10100	
	16"- 18"	HCUI,56-E3E3	14145	
7.	9 - 1/4" - 9-1/2" -	HHUS7,25/10	5635	
		HGUS7,25/10	9100	
7.	11 - 1/4" - 11-7/8"	HHUS7,25/10	5635	
		HGUS7,25/12	9600	
		HGUS7,25/14	10100	
7.	14"	1607,25-6363	14145	
		HGUS7,25/14	10100	
7.	16" - 18"	H+0U1,25-505.3	17845	



TYPICAL WOOD FRAMING DETAILS



CEILING JOISTS PERPENDICULAR TO RAFTERS

0	F8DGE BEAM HIP RAFTER. OR VALLEY RAFTER DEPTH SHALL BE THE LARGER OF THE FOLLOWING: A, ONE SIZE DEEPER THAN THE LARGEST RAFTER FRAMING INTO IT (2 x LUMBER) B. DEPTH OF CUT END OF RAFTER.
2	COLLARTIES 2x6; LOCATED & UPPER ONE THIRD (1/3) OF ROOF & EVERY THIRD RAFTER OR 5:0" (WHICHEVER SMALLER).
3	T.BEACE B. MANDEL BEALDS BELOW B. MANDEL BEACH OF A SOLLOWS 40° § 20 A COULT. HEADER OF WALLEY RAFTER C. BEACE SHALL BEACH ON NINTERFOR WALL. BAN OR STRONG-BACK (DOUBLE 2 2/25E J.AERED THAN J.AGST) RE FRAMMED FAM.
(4)	RAFTER, RIDGE, HP & VALLEY RAFTER SPLICES A LOCATE SPLICE OVER A PURIN, OR PROVIDE ADDITIONAL BRACE @ SPLICE B, MAMMUM LAPE 12" NALLW 4-16 BALLS,

RIDGE BEAM, HIP & VALLEY RAFTER, & PURLIN

ROOF FRAMING DETAILS NTS

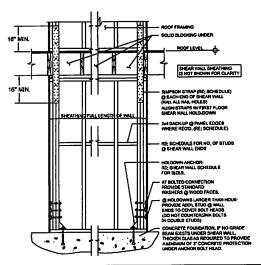


SINGLE FAMILY RESIDE! 209 HORSE SHOE TRA ANGLETON, TX-7751!



FRAMING DETAILS

Drewn By;	
Checked By:	
Project No.:	
Project Phase;	nat me
-	PERM
Date;	
There Has	03/



SW-1 SHEAR WALL SCHEDULE					
SHEATHING MATERIAL	BLOCKING	NAILING PATTERN	STUD POST EACH END	HOLD-DOWN	ANCH, BOLT AVQ, SPACING
PHO MIN, NOMENAL PANEL THECKNESS (ALL SHEATHING SHALL BE TAKE CLIED AND MALED)		SD (2.5°X0.113°) COMMON Q 8° AT FEED SD (2.5°X0.113°) COMMON Q 4° AT EDGES	3X STUD PACK	NOU14-SOS2.8 w119 POST INSTALLED A ROD TO CONC. w SAMPSON SETLYD EPOCY SYSTEM MIN. 12" EMSEDMENT TO CONC. (36) KYCH SOS SCREWS TO WOOD	SO'D GAL PLATE ANCHOR BOLTS & F.O.C. MAX. SPACING PER FON, DETAILS

SHEAR WALL NOTES:

- SHEAR WALL NOTES:

 1. PLYMODO SHALE SETRUCTURAL I DISATHING ORADE, ORENTED STIMO BOWD (008)

 OF GOLD THOMSESS MAY BE USED IN LED OF PLYMODO.

 2. MICRE A SERAN WALL IS CALLED OUT OR PLAN PROMPE SOME OF DELAR WALL ORAY.

 1. MICRE A SERAN WALL IS CALLED OUT OR PLAN PROMPE SOMEDILED REATHING

 MATERIA AND MILLED FOR THE PLAN LEDGING THAT WALL.

 4. MICRE TROOGRESS PROMPE PLAN LEDGING THAT WALL.

 5. MICRO MITTER APPLES AT ALL PROMIT OF THAT WALL.

 PROMPE MULLIO OF THAT A PROME LODGE AN INTERMEDIATE SUPPORTS.

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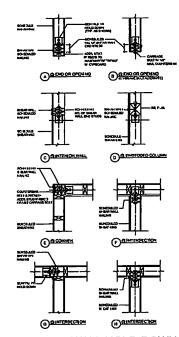
 PROMPE MULLIO OF THAT A CONDITION OF THE MULLION O

- E) ALL HOLD-DOWNS MUST BE INSTALLED IN STRICT ASHERENCE TO MANUFACTURER'S INSTRUCTIONS.
 USING BOLT & INIL MANUERS, SIZES & LENGTHS AS EPECIFIED BY MANUFACTURER.

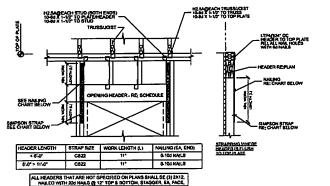
EMPORTANT NOTES DYMOLD-DOVING
BUILDER'S STRONGLY ADMISED TO INSTALL HOLD-DOWNES
PRIOR TO INSTALLING SHEAR WALL SHEATHENG, FOR
ORDATER ACCESSIBILITY.

- 8, WHERE PLYMODD IS SHOWN ON BOTH FACES OF A SHEAR WALL:
 A) DOUBLE STUDS ON 3" WIDE STUDS MUST BE USED.
 8) STAGGER PLYMODD QUITTS AT WALL FACES,
 C) USE IX STUD PACK Q EA, END TO BOLT HOLD DOWNS.

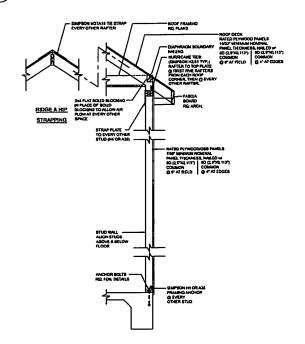




TYPICAL SHEAR WALL HOLD-DOWN PLANS



19 HEADER STRAPPING AT ALL LOAD BEARING WALLS



11 WINDSTRAPPING AT ALL EXTERNAL WALLS

SINGLE FAMILY RESIDEN 209 HORSE SHOE TRA ANGLETON, TX-77515

28 ENGINEERING LLC TERE FIRM NO 1418 FH: 832-656-333 2715 NOBLE OAK LN. FRARLAND, TX-7784



PERMIT 03/04