



BR( 505 W 27 27 NC

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CONSTRUCTION
COMPANY
Rd Ste 278, Raleigh, NC 276

RESIDENCE PLAN

TITLE

SITE PLAN

PROJECT SUMMARY

EXISTING SITE PLAN

MAIN FLOOR PLAN

WALL SECTION

ROOF PLAN

FRONT ELEVATIONS

REAR & SIDE ELEVATIONS

STRUCTURAL DRAWINGS

STRUCTURAL DETAILS

DOOR & MINDOM SCHEDULE

INDEX OF DRAWINGS

OWNER: FRED CONSTRUCTION COMPANY

9597-26-6915.000

039**57**601 0088 89

ENGINEERING: GREG ROBBINSON, PE

RA-20R

ZONING JURISDICTION:

FIRE DEPARMENT:

PIN:

ZONING:

DESIGNER:

BUILDER:

ADDRESS: 13321 NC 27 W BROADWAY, NC 27505

LOT #2, LRE DEVELOPMENT LLC

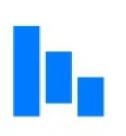
BENHAVEN

FRED CONSTRUCTION COMPANY

RAFAEL BALBUENA

HARNETT COUNTY

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#### WATERCOLOR RENDERING

FOR ILLUSTRATION ONLY

NO SCALE

#### GENERAL NOTES:

REGULATORY REQUIREMENTS

- 1. ALL WORK SHALL CONFORM TO NORTH CAROLINA STATE BUILDING CODE: RESIDENTIAL CODE 2018 AND CURRENT AMENDMENTS
- 2. ALL WORK SHALL CONFORM TO RULES AND REGULATIONS OF THE COUNTY OF HARNETT
- 3. ALL WORK SHALL CONFORM TO RULES AND REGULATIONS OF PUBLIC UTILITIES

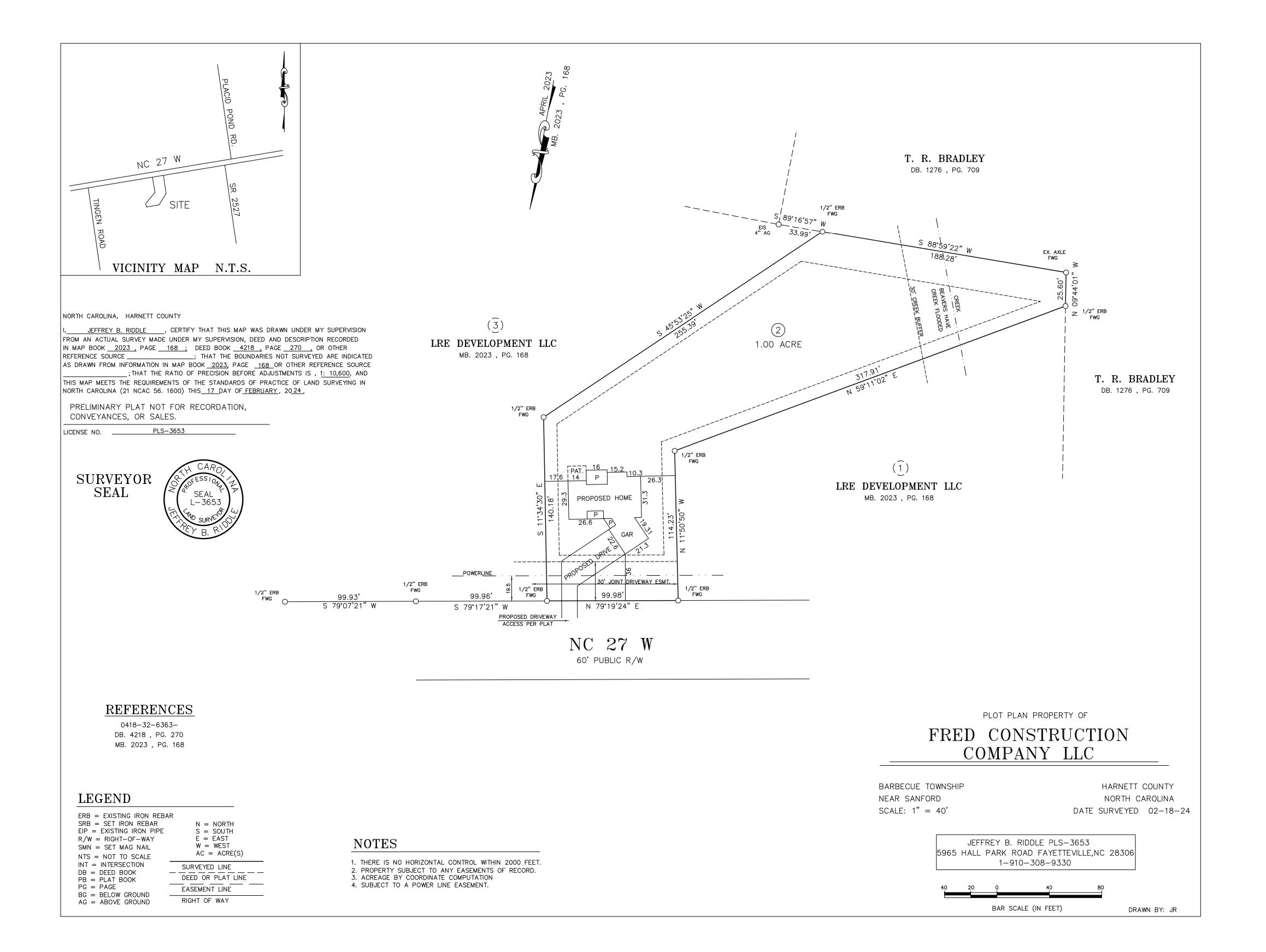
#### GENERAL NOTES:

THIS PLAN SET, COMBINED WITH THE BUILDING CONTRACT, PROVIDES BUILDING DETAILS FOR THE RESIDENTIAL PROJECT. THE CONTRACTOR SHALL VERIFY THAT SITE CONDITIONS ARE CONSISTENT WITH THESE PLANS BEFORE STARTING WORK. WORK NOT SPECIFICALLY DETAILED SHALL BE CONSTRUCTED TO THE SAME QUALITY AS SIMILAR MORK THAT IS DETAILED. ALL MORK SHALL BE DONE IN ACCORDANCE WITH INTERNATIONAL BUILDING CODES AND LOCAL CODES. CONTRACTOR SHALL BE RESPONSIBLE AND BEAR ANY FINES OR PENALTIES FOR CODE, ORDINANCE, REGULATION OR BUILDING PROCESS VIOLATIONS. INSURANCES SHALL BE IN FORCE THROUGHOUT THE DURATION OF THE BUILDING PROJECT.

WRITTEN DIMENSIONS AND SPECIFIC NOTES SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS AND GENERAL NOTES. THE ENGINEER/DESIGNER SHALL BE CONSULTED FOR CLARIFICATION IF SITE CONDITIONS ARE ENCOUNTERED THAT ARE DIFFERENT THAN SHOWN, IF DISCREPANCIES ARE FOUND IN THE PLANS OR NOTES, OR IF A QUESTION ARISES OVER THE INTENT OF THE PLANS OR NOTES. CONTRACTOR SHALL VERIFY AND IS RESPONSIBLE FOR ALL DIMENSIONS (INCLUDING ROUGH OPENINGS).

ALL TRADES SHALL MAINTAIN A CLEAN WORK SITE AT THE END OF EACH WORK DAY.

PLEASE SEE ADDITIONAL NOTES CALLED OUT ON OTHER SHEETS.



#### PROJECT STATISTICS:

LOT SIZE: 43,560.00 SF (1.00 ACRE) ANTICIPATED DISTURBED AREA: 10,150 SF ROOF: 2,902 SF FRONT/REAR HEIGHT: 21.3 FT (GARAGE) - 19.2 FT (HOUSE) PROJECT SQUARE FOOTAGE: • DWELLING: 1580.92 • GARAGE: 452 • PORCHES: 250 • DRIVEWAY: 477 • MALKWAY: 93

#### SITE PLAN NOTES

● PATIO: 154

SOIL: \*2,000 PSF ALLOWABLE (ASSUMED) TO BE AT TIME OF EXCAVATION. SHALLOW AND MODERATELY DEEP, WELL-DRAINED SOIL FORMED IN MATERIAL WEATHERED FORM BASALT THAT HAS A SMALL AMOUNT OF LOESS IN THE UPPER PART OF THE PROFILE. THE PERMEABILITY IS ESTIMATED TO BE GOOD.

FROST DEPTH: \*2'-0" WIND: 115 MPH (EXPOSURE) CLIMATE ZONE: 4A

SITE SURVEY TO VERIFY PIN LOCATIONS AND HOME LOCATION PRIOR TO EXCAVATION. CONTRACTOR TO VERIFY LOCATION OF ALL EXISTING UTILITIES. ALL FINISH GRADES SHALL BE SMOOTH AND UNIFORM.

MARKED TREES SHALL BE REMOVED PRIOR TO SITE WORK.

CALL BEFORE YOU DIG: NC 811

#### PROJECT NARRATIVE

THE PROPOSED SITE LOCATION IS13321 NC 27 M BROADWAY, NC 27505, HANLETT COUNTY. THE PROPOSED PROJECT INCLUDES A SINGLE-FAMILY RESIDENCE,

#### **EROSION CONTROL NOTES:**

- 1. INSTALL SILT FENCE PRIOR TO ANY EXCAVATION OR CONSTRUCTION,
- 2. MINIMIZE SITE DISTURBANCE BY TIGHT CONTROL OF EXCAVATION LIMITS.
- 3. ALL EXPOSED SOIL SHALL BE MULCHED WITH STRAW OR WOOD CHIPS TO MINIMIZE SOIL EROSION. NO SOIL SHALL BE LEFT IN AN EXPOSED CONDITION. IT IS RECOMMENDED THAT THE CONTRACTOR MAINTAIN A STOCK PILE OF THIS MATERIAL ON SITE FOR QUICK APPLICATION.
- 4. HYDROSEED WITH A WOOD CELLULOSE FIBER MULCH APPLIED AT A RATE OF 2,000# / ACRE. USE AN ORGANIC TACKIFIER AT NO LESS THAN 150 #/ACRE OR PER MANUFACTURE'S RECOMMENDATION IF HIGHER. APPLICATION OF TACKIFIER SHALL BE HEAVIER AT EDGES, IN VALLEYS AND AT CRESTS OF BANKS AND OTHER AREAS WHERE SEED CAN BE MOVED BY WIND OR WATER,
- 5. STRIP SMALES SHALL OVERFLOW ONTO NATIVE UNDISTURBED GROUND. NO SITE DISTURBANCE BELOM SMALES.

#### GRADING NOTES:

- 1. CONTRACTOR TO VERIFY LOCATION OF ALL EXISTING UTILITIES.
- 2. ALL FINISH GRADES SHALL BE SMOOTH AND UNIFORM. 3. PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDING.
- 4. FINAL GRADE TO CONVEY SURFACE DRAINAGE TOWARD ROCK CHANNELS AND DISPERSION
- 5. AREAS TO BE FILLED SHALL BE CLEARED, GRUBBED TO REMOVE TREES, VEGETATION, ROOTS AND
- OTHER OBJECTIONABLE MATERIAL AND STRIPPED OF TOPSOIL.
- 6. PLACE FILL SLOPES WITH A GRADIENT STEEPER THAT 3:1 IN LIFTS NOT TO EXCEED 8 INCHES, AND MAKE SURE EACH LIFT IS PROPERLY COMPACTED.

#### LANDSCAPE NOTES:

1 OWNER RESPONSIBLE FOR LANDSCAPING - SUCH AS LAWN, TREES, SHRUBS, ETC, 2 IRRIGATION SYSTEM SHALL BE STUBBED IN WITH VALVE BOX AND IRRIGATION MAIN LINES RUN

UNDER CONCRETE. OWNER SHALL PROVIDE FINISH HEADS AND LINES,

3 OWNER SHALL PROVIDE STEPPING STONES, 4 OWNER RESPONSIBLE FOR POOL, POND & EQUIPMENT,

#### BUILDING SETBACK:

FRONT - 35 FT SIDE - 10 FT REAR - 25 FT

#### UTILITIES:

WATER: COUNTY SEWER: PRIVATE SEPTIC ELECTRIC PROVIDER: PROGRESS ENERGY TELEPHONE PROVIDER:



### SITE & DISTURBANCE PLAN

FOR ILLUSTRATION ONLY

#### EROSION CONTROL NOTES

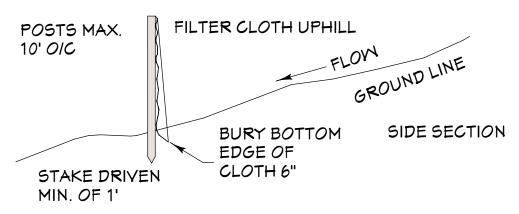
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NO SCALE

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SILT FENCE DETAIL

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#### OVERVIEW RENDERING

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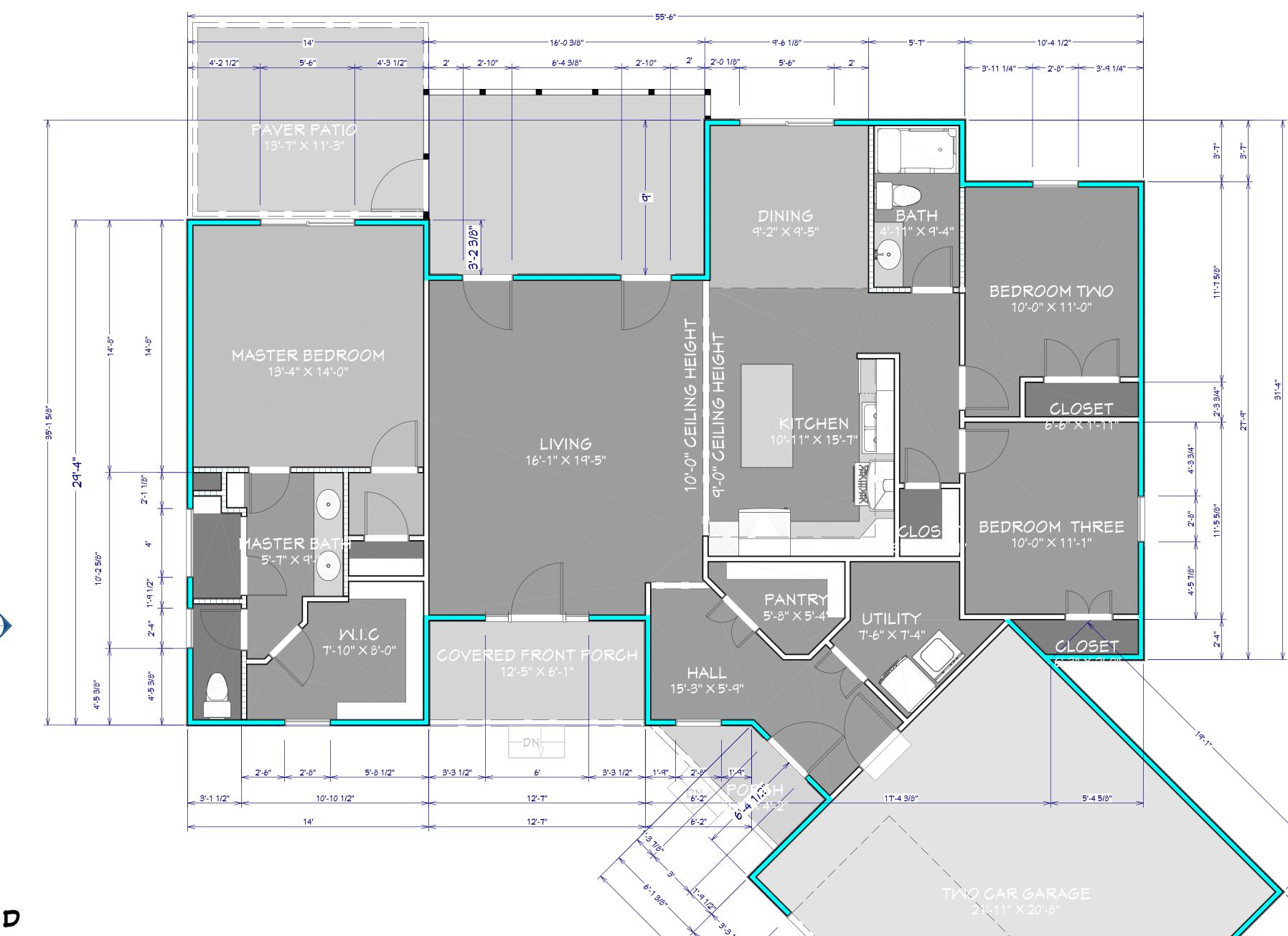
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## FLOOR PLAN NOTES:

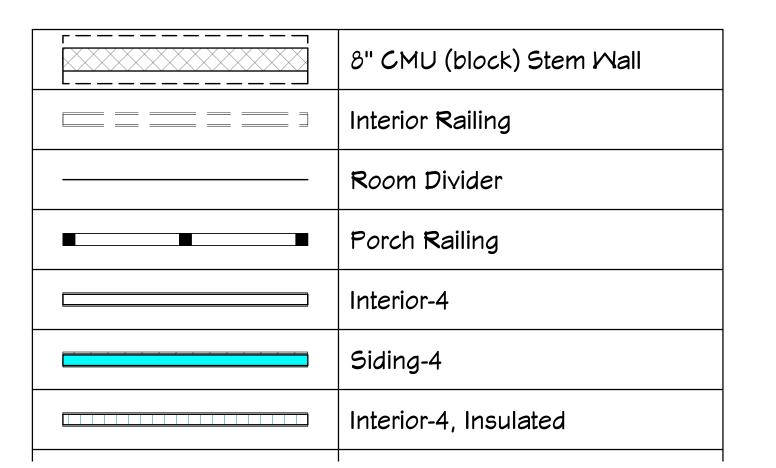
- 1. ALL EXTERIOR DIMENSIONS ARE TO THE MAIN LAYER. DIMENSIONS TO OPENINGS ARE TO THE FRAMING, ROUGH OPENING. INTERIOR DIMENSIONS ARE TO THE FINISHED MALL.
- 2. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND IS RESPONSIBLE FOR ALL DIMENSIONS (INCLUDING ROUGH OPENINGS).

#### INSPECTION NOTES:

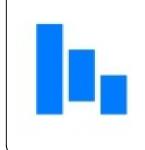
- 1. PROVIDE SPECIAL INSPECTION, SPECIAL TESTING, REPORTING AND COMPLIANCE PROCEDURES ACCORDING TO THE LOCAL BUILDING CODE.
- 2. SPECIAL INSPECTOR QUALIFICATIONS: DEMONSTRATE COMPETENCE, TO THE SATISFACTION OF THE BUILDING OFFICIAL, FOR INSPECTION OF THE PARTICULAR TYPE OF CONSTRUCTION OR OPERATION IN QUESTION. PRIOR TO THE BEGINNING OF CONSTRUCTION, REVIEW THE SPECIAL INSPECTION REQUIREMENTS WITH THE ARCHITECT, ENGINEER, BUILDING OFFICIAL, GENERAL CONTRACTOR AND SPECIAL INSPECTORS. DUTIES OF THE SPECIAL INSPECTOR INCLUDE, BUT ARE NOT LIMITED TO:
- A. OBSERVE THE WORK FOR CONFORMANCE WITH THE APPROVED PERMIT DRAWINGS AND SPECIFICATIONS. BRING DISCREPANCIES TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR BUILDING OFFICIAL.
- B. FURNISH INSPECTION REPORTS FOR EACH INSPECTION TO THE BUILDING OFFICIAL, ARCHITECT, ENGINEER, GENERAL CONTRACTOR AND OWNER IN A TIMELY MANNER.
- C. SUBMIT A FINAL REPORT STATING WHETHER THE WORK REQUIRING SPECIAL INSPECTION WAS INSPECTED, AND WHETHER THE WORK IS IN CONFORMANCE WITH THE APPROVED PERMIT DRAWINGS AND SPECIFICATIONS.
- 3. DUTIES OF THE CONTRACTOR INCLUDE, BUT ARE NOT LIMITED TO: A. NOTIFY SPECIAL INSPECTOR THAT WORK IS READY FOR INSPECTION AT LEAST 24 HOURS BEFORE THE INSPECTION IS REQUIRED.
- B. MAINTAIN ACCESS TO WORK REQUIRING SPECIAL INSPECTION UNTIL IT HAS BEEN OBSERVED AND INDICATED TO BE IN CONFORMANCE BY THE SPECIAL INSPECTOR AND APPROVED BY THE BUILDING OFFICIAL. C. PROVIDE THE SPECIAL INSPECTOR WITH ACCESS TO APPROVED PERMIT
- DRAWINGS AND SPECIFICATIONS AT THE JOB SITE.
- D. MAINTAIN JOB-SITE COPIES OF ALL REPORTS SUBMITTED BY THE SPECIAL INSPECTOR.



#### WALL LEGEND



FLOOR PLAN - MAIN FLOOR



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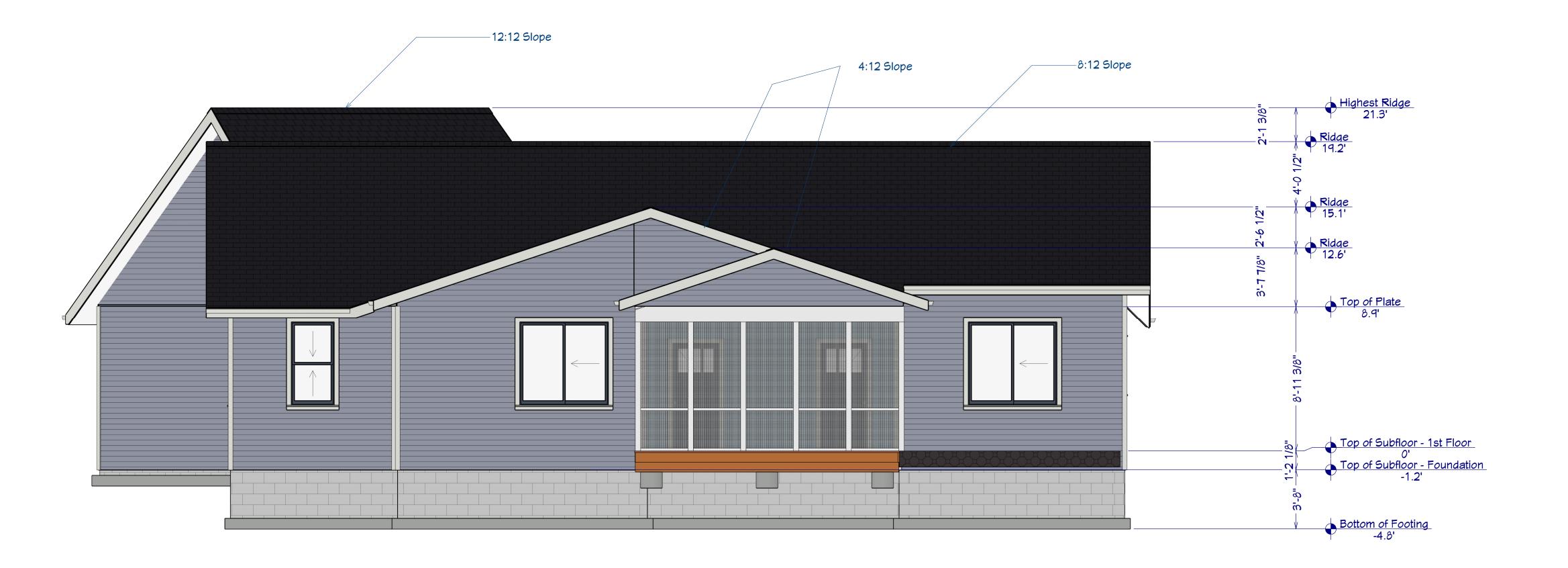
FRED



# FRONT ELEVATION 1/4"=1"







## REAR ELEVATION

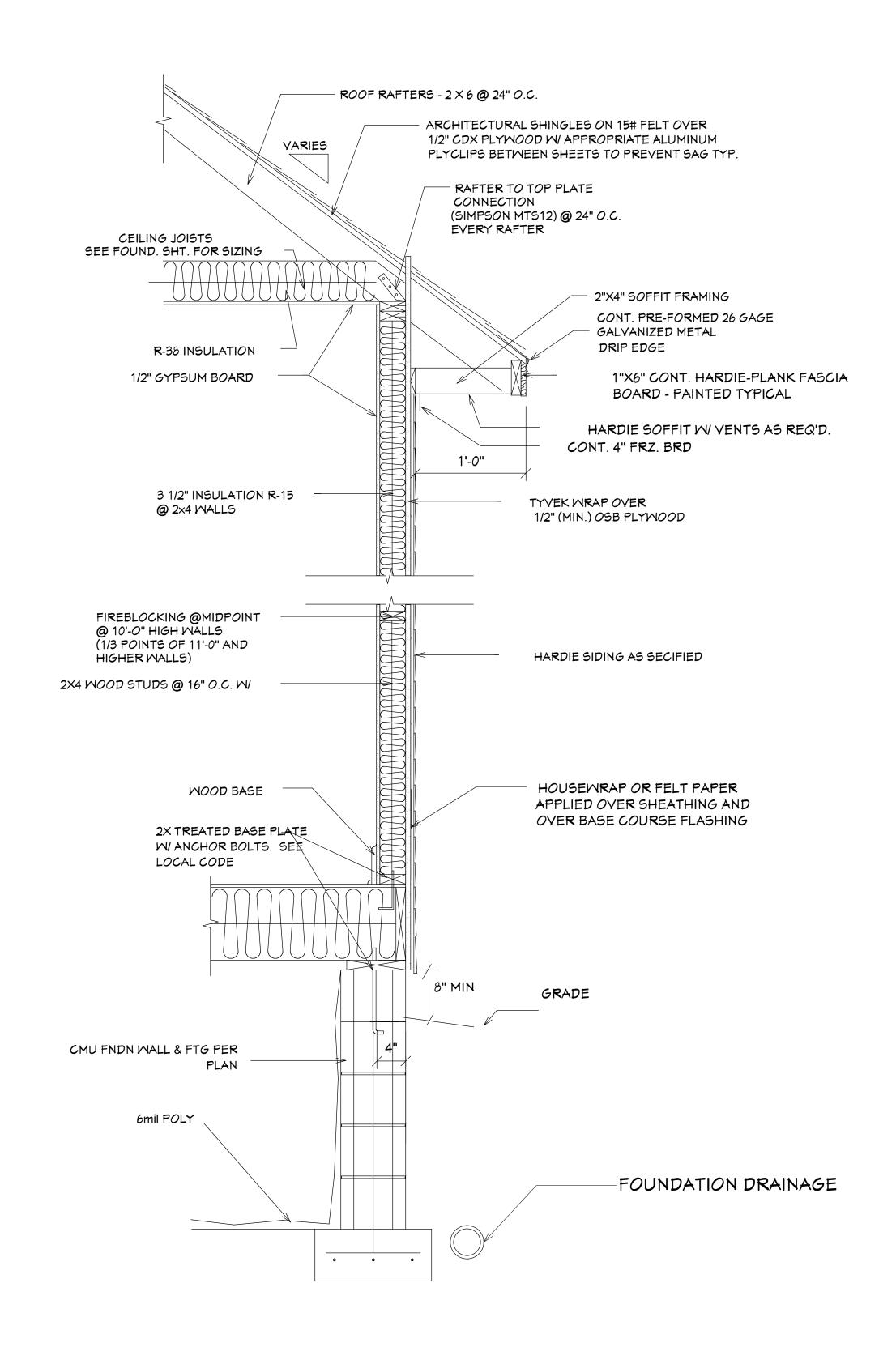
## BUILDING PERFORMANCE:

- 1. PER ENERGY REQUIREMENTS OF 2018 NOBO RESIDENCIAL CODE
- 2. PORCHES, DECKS, BALCONIES, FOUNDATION AND GARAGE AREAS NOT INCLUDED IN LIVING AREA.
- 3. ALL EXHAUST FANS TO BE VENTED DIRECTLY TO THE EXTERIOR. ALL PENETRATIONS OF THE BUILDING ENVELOPE SHALL BE SEALED WITH CAULK OR FOAM.
- 4. IF THERE IS THERE IS A CRAMLSPACE, VENTING TO MEET LOCAL CODE REQUIREMENTS INSULATE ALL ACCESS DOORS! HATCHES TO CRAWL SPACES AND ATTICS TO THE EQUIVALENT RATING OF THE WALL, FLOOR OR CEILING THROUGH MHICH THEY PENETRATE, UNO.
- 5. INSULATE FOUNDATION SLAB PER PLAN.
- 6. MINIMUM INSULATION:

R-15 MALL R-30 ROOF FLOORS R-20 **R**-38 CEILING

SLAB ON GRADE (UNCONDITIONED SPACE) R-10 FOR 24" BELOW

7. THE TOTAL NET FREE VENTILATING AREA SHALL NOT BE LESS THAN 1/150 OF THE AREA OF THE SPACE VENTILATED EXCEPT THAT A REDUCTION OF THE TOTAL AREA TO 1/300 IS PERMITTED. PROVIDED THAT AT LEAST 50% AND NOT MORE THAN 80% OF THE REQUIRED VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE SPACE TO BE VENTILATED AT LEAST 3 FEET ABOVE THE EAVE OR CORNICE VENTS MITH THE BALANCE OF THE REQUIRED VENTILATION PROVIDED BY EAVE OR CORNICE VENTS. THE ATTIC VENTILATION SHALL BE SUFFICIENT TO PROVIDE THE REQUIRED VOLUME OF COMBUSTION AIR. (AS PER SEC. R806 OF THE I.R.C.)

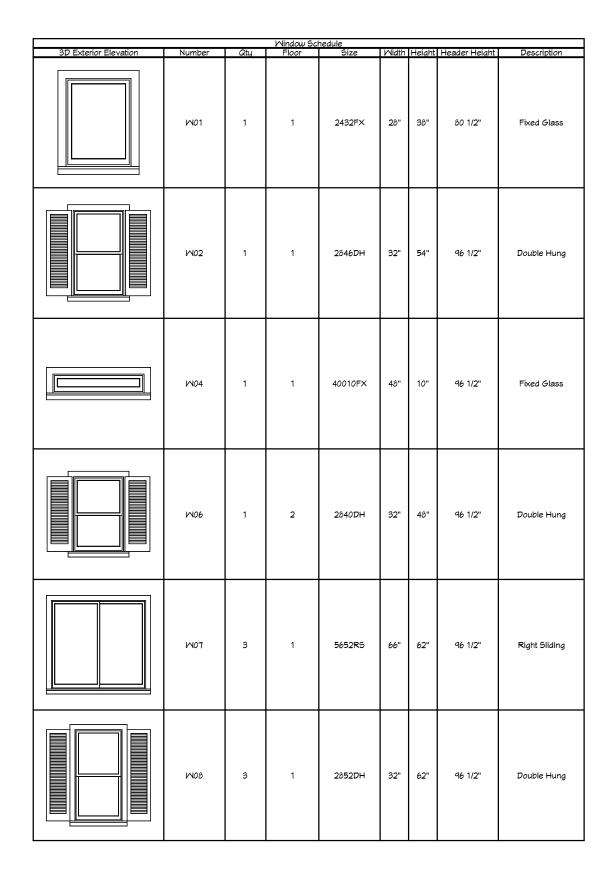


# TYPICAL MALL SECTION HARDY-PLANK SIDING NO SCALE

## GENERAL WALL TYPE NOTES:

- 1. PROVIDE FIRE RETARDANT BLOCKING AND/OR TYPE "X" GYPSUM BOARD AS REQUIRED ACCORDING TO UL DETAILS.
- 2. PROVIDE SOUND ATTENUATING INSULATION ALL INTERIOR WALL ADJACENT TO BEDROOMS, BATHROOMS, LAUNDRY, AND MECHANICAL ROOM,
- 3. FOR ALL PARTITIONS W/ SOUND BATT INSULATION PROVIDE (2) CONTINUOUS BEADS OF ACOUSTICAL SEALANT TO SEAL THE TOP & BOTTOM STUDS TO THE SLAB/SUBFLOOR & TO SEAL THE END WALL STUDS ADJACENT WALL FRAMING.
- 4. INSTALL 1/2" CEMENT BOARD IN LIEU OF 1/2" GWB IN AREAS WHERE WALL TILE IS SPECIFIED. INSTALL WATERPROOF MEMBRANE AT ALL SHOWERS, TYP.
- 5. INSTALL 1/2" MOISTURE RESISTANT GYPSUM BOARD IN BATHROOMS AND KITCHEN, TYP.

#### WINDOW SCHEDULE



#### WINDOW NOTES:

- 1 WOOD WINDOWS WITH CLAD EXTERIOR SEE ENERGY RATINGS
- 2 INTERIOR WINDOW MATERIALS: STAINED MITH FACTORY FINISH
- 3 MINDOM HARDMARE TO BE OMNER SELECTED AT TIME OF ORDER
- 4 WINDOW ROUGH OPENING: 1/2" FOR TOP/ BOTTOM & 1/2" FOR SIDES, UNO BY MFG.
- 5 SEE WINDOW SCHEDULE CALLOUT FOR MINDOMS THAT USE A MOOD OR STEEL BEAM FOR THE HEADER
- 6 BEDROOM WINDOWS SILL FINISHED MUST BE WITHIN 44: OF THE FLOOR AND PROVIDE MINIMUM CLEAR OPENINGS OF 5.7 SQ. FEET WITH HEIGHT DIMENSION NOT LESS THAN 24" AND WIDTH DIMENSION NOT LESS THAN 20" -HRC R310.1-R310.1.4

#### DOOR NOTES:

- 1. MAIN FLOOR DOORS SHALL BE 98"; GARAGE DOOR 96", UNO.
- 2. ALL DOORS SHALL BE SOLID CORE 1 3/4" THICK, UNO
- 3. INTERIOR DOORS SHALL BE PAINTED OR STAINED, VERIFY WITH OWNER
- 4. DOORS BETWEEN GARAGE AND LIVING AREA SHALL BE 1 3/4" TIGHT FITTING SOLID CORE DOORS WITH A RATING OF 60 MINUTES. DOOR SHALL BE SELF CLOSING
- 5. EXTERIOR EXIT DOORS SHALL BE 36" MIN. NET CLEAR DOOR WAY SHALL BE 32" MIN. DOOR SHALL BE OPENABLE FROM INSIDE
- 6. GARAGE DOORS TO BE SECTIONAL OVERHEAD DOORS W/ TEMPERED GLASS
- 7. ALL GLAZING WITHIN 18 IN. OF THE FLOOR AND/OR WITHIN 24 IN. OF ANY DOOR (REGARDLESS OF WALL PLANE) ARE TO HAVE SAFETY GLAZING.
- 8. ALL TUB AND SHOWER ENCLOSURES ARE TO BE GLAZED WITH SAFETY GLASS.



#### BASIC WINDOW FLASHING INSTALLATION\*

- 1) PREPARE ROUGH OPENING: CUT STND. "I-CUT" IN THE MRB. CUT (2) 45° SLITS AT TOP TO CREATE FLAP. APPLY FLEXIBLE FLASHING AT SILL + 6" MIN. UP JAMBS. SECURE FLEXED EDGE OF FLASHING WITH MECHANICAL FASTENERS.
- 2) INSTALL WINDOW PER MANUFACTURER'S INSTRUCTIONS.
- 3) APPLY FLASHING TAPE AT JAMBS, EXTENDING 1" ABOVE AND BELOW WINDOW HEAD FLANGE AND BOTTOM OF SILL FLASHING. APPLY FLASHING TAPE ALONG HEAD, EXTENDING BEYOND OUTER EDGES OF JAMB FLASHING.
- 4) REPLACE WRB FLAP AT HEAD AND TAPE REMAINING CUTS IN WRB

\*REVISE INSTALLATION PROCESS ACCORDING TO WINDOW MANUFACTURER'S INSTRUCTIONS

#### DOOR SCHEDIII F

DOOR SCHEDULE    Door Schedule   Size   Width   Height   Header Height   R/O   Description   Does   Does										
	DO1	16080	1	1	16080	192"	96"	44°	194": X99"	Garage-Garage Door CHD05
	D02	2068	1	1	2068 L IN	24"	<i>80</i> "	82 1/2"	26"X82 1/2"	Hinged-Door P04
	D03	21068	1	1	21068 L EX	34"	<i>80</i> "	83"	36"X83"	ext. Hinged-Door E21
	D04	21068	1	1	21068 R EX	34"	<i>80</i> "	83"	36"X83"	ext. Hinged-Door E21
	D05	4468	1	1	4468 L/R IN	52"	<i>80</i> "	82 1/2"	54"X82 1/2"	Double Hinged-Door P04
	D06	2668	2	1	266ô L IN	30"	80"	82 1/2"	32"X82 1/2"	Hinged-Door P04
	דסם	2668	1	1	2668 R IN	30"	80"	82 1/2"	32"X82 1/2"	Hinged-Door P04
	DOS	2868	3	1	2868 L/R IN	32"	80"	82 1/2"	34"X82 1/2"	Double Hinged-Door P04
	DOP	2868	1	1	2868 R IN	32"	80"	82 1/2"	34"X82 1/2"	Hinged-Door P04
	סוס	3068	2	1	3068 R EX	36"	80"	ð3"	38"X83"	ext. Hinged-Door E21
	11ס	3185	1	1	3185	36 1/2"	101 1/8"	104 1/8"	38 1/2"×104 1/8"	ext. Hinged-Style A -Screen Top
	D12	2460	4	1	2468 R IN	28"	80"	82 1/2"	30"X82 1/2"	Hinged-Door P04
	D13	6082	1	1	6082	72"	<b>48</b> "	44"	T3"X44"	Mulled Unit
a1	D14	4768	1	1	4768 R	55"	80"	80"	55"X80"	Double Shower-Glass Slab

