

# 2681 RANIER PARK SERIES

30' X 75'

REVISION SCHEDULE			
NO.	DATE	DESCRIPTION	BY
1	0X-XX-24	-ENTER DETAILS	XX



**SHEET INDEX:**

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**SHEET INDEX:**

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**SHEET INDEX:**

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08C.1	TRUSS LAYOUT "C"
09.1	PRECAST LINTEL LAYOUT "C"
D1	TYPICAL STRUCTURAL DETAILS
D2	TYPICAL STRUCTURAL DETAILS
D3	TYPICAL STRUCTURAL DETAILS
D4	TYPICAL STRUCTURAL DETAILS
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COVER SHEET

2681 RANIER
PARK SERIES

REVISIONS	
DELTA #	DATE
DATE:	12-10-25
SCALE:	AS NOTED
DRAWN:	MW
SHEET:	00

**ABBREVIATIONS:**

- A/C AIR CONDITIONER
AFF ABOVE FINISHED FLOOR
A.H.U. AIR HANDLER UNIT
ALT. ALTERNATE
ALUM. ALUMINUM
BRG. BEARING
CAB. CABINET
CANT. CANTILEVER
CL. CENTER LINE
CLG. CEILING
C.J. CONTROL JOINT
CMU CONCRETE MASONRY UNIT
CONT. CONTINUOUS
CFT. CARPET
D. SP. DRYER SPACE
D.H. DOUBLE HUNG
DIA. DIAMETER
DISP DISPOSAL
D.V. DRYER VENT
DW DISHWASHER
EA EACH
ELEC ELECTRICAL
ELEV ELEVATION
E.O.R. ENGINEER OF RECORD
E.W. EACH WAY
FBC FLORIDA BUILDING CODE
FBC(B) FLORIDA BUILDING CODE BUILDING
FBC(E) FLORIDA BUILDING CODE ENERGY CONSERVATION
FBC(M) FLORIDA BUILDING CODE MECHANICAL
FBC(P) FLORIDA BUILDING CODE PLUMBING
FBC(R) FLORIDA BUILDING CODE RESIDENTIAL
FFE FINISHED FLOOR ELEVATION
FG. FIXED GLASS
FLR FLOOR
F.R. FIRE RATED
FT FOOT / FEET
FTG. FOOTING
F.V. FIELD VERIFY
GAL.V. GALVANIZED
G.C. GENERAL CONTRACTOR
GFCI GROUND FAULT CIRCUIT INTERRUPTER
GFI GROUND FAULT INTERRUPTER
G.T. GIRDER TRUSS
GYP. GYPSUM
HDR. HEADER
HGT. HEIGHT
H.B. HOSE BIB
HORIZ. HORIZONTAL
H.S. HARD SURFACE
IL. ICEMAKER LINE
I.L.O. IN LIEU OF
INT. INTERIOR
L.T. LAUNDRY TUB
LOC. LOCATION
MAX. MAXIMUM
M. CA. MEDICINE CABINET
MECH. MECHANICAL
MIN. MINIMUM
MONO. MONOLITHIC
M.P.H. MILES PER HOUR
NO. NUMBER
N.S. NOT TO SCALE
O.C. ON CENTER
O.H.C. OVERHEAD CABINETS
O.H.G.D. OVERHEAD GARAGE DOOR
OPT. OPTIONAL
PED. FEDESTAL SINK
P.L.F. POUNDS PER LINEAR FOOT
PLT. HGT. PLATE HEIGHT
P.S.F. POUNDS PER SQUARE FOOT
P.T. PRESSURE TREATED
PLUR PLUR
REF. SP. REFRIGERATOR SPACE
REQ'D REQUIRED
RM ROOM
R.O. ROUGH OPENING
R/S ROD AND SHELF
SC SOLID CORE
S.G.D. SLIDING GLASS DOOR
S.H. SINGLE HUNG
SIM. SIMILAR
S.P.F. SPRUCE PINE FUR
SQ. FT. SQUARE FOOT/ FEET
SUB. SUB-CONTRACTOR
S.Y.P. SOUTHERN YELLOW PINE
TEMP. TEMPERED
T.O.M. TOP OF MASONRY
T.O.W. TOP OF WALL
TRANS. TRANSOM
TYP. TYPICAL
UNO. UNLESS NOTED OTHERWISE
VERT. VERTICAL
V.P. VAPOR PROOF
V.T.R. VENT THRU ROOF
W. WITH
W.C. WATER CLOSET
W. SP. WASHER SPACE
W.H. WATER HEATER
W.P. WEATHER PROOF
W.S. WATER SOFTENER

Table with columns for PER FBC R301- TABLE R301.5, PER FBC R312- R312.1.2 & R312.1.3 & R311.7.8.1, and EERO- R310.2.1- FBCR2023. Rows include Guardrails, Stairs, and Guardrail Opening Limitations.

**THE ANSI STANDARD FOR MEASURING HOUSES:**

NATIONAL STANDARD Z165-1996 NEW CONSTRUCTION THE ANSI STANDARDS BASE FLOOR AREA CALCULATIONS ON THE EXTERIOR DIMENSIONS OF THE BUILDING AT EACH FLOOR LEVEL & INCLUDE ALL INTERIOR WALLS & VOIDS. FOR ATTACHED UNITS, THE OUTSIDE DIMENSION IS THE CENTER LINE OF THE COMMON WALLS. INTERNAL ROOM DIMENSIONS AREN'T USED IN THIS SYSTEM OF MEASURING. THE ANSI STANDARDS BASE FLOOR AREA CALCULATIONS ON THE EXTERIOR DIMENSIONS OF THE BUILDING AT EACH FLOOR LEVEL & INCLUDE ALL INTERIOR WALLS & VOIDS. FOR ATTACHED UNITS, THE OUTSIDE DIMENSION IS THE CENTER LINE OF THE COMMON WALLS. INTERNAL ROOM DIMENSIONS AREN'T USED IN THIS SYSTEM OF MEASURING.

THE ANSI STANDARDS BASE FLOOR AREA CALCULATIONS ON THE EXTERIOR DIMENSIONS OF THE BUILDING AT EACH FLOOR LEVEL & INCLUDE ALL INTERIOR WALLS & VOIDS SEPARATED INTO TWO AREAS:

- 1. AIR-CONDITIONED SPACE
2. NON-AIR-CONDITIONED SPACE (GARAGES, PATIOS, PORCHES, BREEZEWAYS)

THE ANSI STANDARDS DEFINE "FINISHED AREA" AS AN ENCLOSED AREA IN A HOUSE SUITABLE FOR YEAR-ROUND USE, EMBODYING WALLS, FLOORS & CEILINGS THAT ARE LIKE THE REST OF THE MEASUREMENTS MUST BE TAKEN TO THE NEAREST INCH OR TENTH OF A FOOT, & FLOOR AREA MUST BE REPORTED TO THE NEAREST SQUARE FOOT. THESE WOULD INCLUDE BONUS/ATTIC SPACES & ARE USUALLY LISTED SEPARATELY.

**MISCELLANEOUS:**

- 1. CONTRACTOR TO VERIFY ALL DIMENSIONS ON JOB SITE.
2. DO NOT SCALE PRINTS! PLANS ARE TO SCALED AS NOTED, UNLESS SPECIFIED N.T.S. CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
3. FULL ALL DIMENSIONS FROM THE REAR OF PLAN
4. ALL FINISH FLOOR ELEVATIONS ARE TO TOP OF ROUGH SLAB OR TO TOP OF STRUCTURE UNO.
5. ANCHOR THE CONDENSER UNIT TO SLAB PER CODE: M 1307.1 - M1307.2
6. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO INSTALL ALL MATERIALS MEETING FLORIDA APPROVAL COMPLIANCE TO AVOID WATER INTRUSION & MOISTURE INTRUSION ON WINDOWS, DOORS, ROOF & ANY OTHER AREA AROUND EACH SINGLE FAMILY HOUSE/ APARTMENT/ CONDOMINIUM/ TOWNHOUSE.

**EXTERIOR WALLS:**

- 1. ASSUME ALL EXTERIOR WALLS TO BE LOAD BEARING.
2. SEE STRUCTURAL DRAWINGS FOR CMU WALL REINFORCEMENT LOCATIONS
3. INTERIOR SURFACE OF CMU WALL TO HAVE 1/2" GPBD APPLIED TO 1X P.T. VERTICAL FURRING BATT'S SPACED @ 16" O.C. ATTACH FURRING TO CONCRETE WALL AS REQUIRED.
4. SECOND FLOOR EXTERIOR WALLS TO BE WOOD STUDS.
5. REFER TO DETAIL SHEETS FOR FLASHING REQUIREMENTS AT ALL WOOD TO MASONRY INTERFACES
6. REFER TO TYPICAL DETAIL SHEET FOR EXTERIOR WALL FINISH SPECIFICATIONS
7. ALL EXTERIOR CEILINGS (PORCH & PATIOS) SHALL HAVE SAG-RESISTANT GYP SOFFIT BOARD.

**INTERIOR WALLS:**

- 1. ALL INTERIOR WALLS SHALL HAVE STANDARD 1/2" GYP BD, EXCEPT IN HIGH HUMIDITY & WET AREAS.
2. HIGH HUMIDITY & WET AREAS SHALL HAVE 1/2" DENSIFIED TILE BACKER GYPSUM BOARD.
3. ALL INTERIOR CEILINGS SHALL HAVE PER FBCR 102.3.5 1/2" SAG-RESISTANT GYP BD. INSTALL PERPENDICULAR TO FRAMING.
4. TILE IN TUBS, SHOWERS, & WALL PANELS IN SHOWER AREAS ARE TO HAVE CEMENT, FIBER-CEMENT, OR GLASS MAT GYPSUM BACKERS R102.3.1 / R102.4.2 2023 FBC-R 8TH EDITION.
5. 2023 FBC-R 8TH EDITION TABLE R302.6: 5/8" TYPE 'X' GYPSUM BOARD OR EQUIVALENT IS REQUIRED FOR A GARAGE CEILING WITH HABITABLE ROOMS ABOVE. 1/2" MINIMUM GYPSUM BOARD IS REQUIRED ON GARAGE SIDE OF INTERIOR WALLS.
6. ALL PLATES & SLEEPERS ON CONCRETE SLAB, WHICH ARE IN DIRECT CONTACT WITH THE EARTH, SHALL BE PRESSURE TREATED.
7. ALL INTERIOR WALL PLATES, OTHER THAN SHEAR WALLS, ON CONC. SLAB TO BE ATTACHED W/ POWER ACTUATED FASTENERS, SPACED @ 48" O.C. MAX.
8. ALL WOOD BRG. INTERIOR PARTITIONS SHALL BE 2X4 STUDS SPACED @ 16" O.C. WITH DOUBLE TOP PLATE, UNO.
9. WOOD CONSTRUCTION SHALL CONFORM TO THE AMERICAN FOREST & PAPER ASSOCIATION (AF&PA) NATIONAL SPECIFICATION FOR WOOD CONSTRUCTION', LATEST EDITION.

**MEANS OF EGRESS:**

- 1. NOT LESS THAN ONE EGRESS DOOR SHALL BE PROVIDED IN EACH DWELLING UNIT. THE EGRESS DOOR SHALL BE SIDE-HINGED, & SHALL PROVIDE A CLEAR WIDTH OF NOT LESS THAN 32 INCHES WHERE MEASURED BETWEEN THE FACE OF THE DOOR & THE STOP, WITH THE DOOR OPEN 90 DEGREES. THE CLEAR HEIGHT OF THE DOOR OPENING SHALL BE NOT LESS THAN 78 INCHES IN HEIGHT MEASURED FROM THE TOP OF THE THRESHOLD TO THE BOTTOM OF THE STOP.
2. RAMPS SERVING EGRESS DOOR REQUIRED BY SECTION R312 SHALL HAVE A SLOPE OF NOT MORE THAN 1 UNIT VERTICAL IN 12 UNITS HORIZONTAL (8.3 % SLOPE). ALL OTHER RAMPS SHALL HAVE A MAXIMUM SLOPE OF 1 UNIT VERTICAL IN 8 UNITS HORIZONTAL (12.5% SLOPE)
3. THE WIDTH OF A HALLWAY SHALL BE NOT LESS THAN 36 INCHES MEASURED FROM FINISHED MATERIALS.
4. WINDOWS DESIGNATED AS EGRESS SHALL COMPLY WITH SECTION R310.2
5. ALL EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL HAVE THE BOTTOM OF THE CLEAR OPENING NOT MORE THAN 44" MIN. AFF. - R310.2 - FBC-R (2023)
6. IN DWELLING UNITS, WHERE THE BOTTOM OF THE CLEAR OPENING OF AN OPERABLE WINDOW OPENING IS LOCATED LESS THAN 24" ABOVE FINISH FLOOR & GREATER THAN 12" FINISHED GRADE MUST COMPLY WITH FBCR 312

**TERMITE PROTECTION:**

- 1. PENETRATION, PROTECTIVE SLEEVES AROUND PIPING PENETRATING CONCRETE SLAB-ON-GRADE FLOORS SHALL NOT BE OF CELLULOSE CONTAINING MATERIALS. IF SOIL TREATMENT IS USED FOR SUBTERRANEAN TERMITE PROTECTION, THE SLEEVE SHALL HAVE A MAXIMUM WALL THICKNESS OF 0.010 INCH, & BE SEALED WITHIN THE SLAB USING A NON-CORROSIVE CLAMPING DEVICE TO ELIMINATE THE ANNULAR SPACE BETWEEN THE PIPE & THE SLEEVE. NO TERMITICIDES SHALL BE APPLIED INSIDE THE SLEEVE.
2. PROTECTION AGAINST DECAY & TERMITES. - CONDENSATE LINES, IRRIGATION SPRINKLER SYSTEM RISERS FOR SPRAY HEADS, & ROOF DOWNSPOUTS SHALL DISCHARGE AT LEAST 1 FOOT (305 MM) AWAY FROM THE STRUCTURE SIDEWALL, WHETHER BY UNDERGROUND PIPING, TAIL EXTENSIONS, OR SPLASH BLOCKS GUTTERS WITH DOWNSPOUTS ARE REQUIRED ON ALL BUILDINGS WITH EAVES OF LESS THAN 6 INCHES (152 MM) HORIZONTAL PROJECTION EXCEPT FOR GABLE END RAKES OR ON A ROOF ABOVE ANOTHER ROOF.

**DOORS AND WINDOWS:**

- 1. WINDOW & DOOR SUPPLIERS SHALL PROVIDE CURRENT ROUGH OPENING INFORMATION WHICH SHALL HAVE PRECEDENCE OVER THE WINDOW & DOOR SCHEDULES ON PLAN.
2. CONTRACTOR & SUPPLIER TO VERIFY WINDOW LOCATION, TYPE (FIN VS. FLANGE), HEADER HEIGHTS, & ROUGH OPENINGS PRIOR TO DELIVERY.
3. WINDOWS & DOORS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS
4. ALL GLASS LOCATED IN HAZARDOUS LOCATIONS SHALL BE TEMPERED & COMPLY WITH SECTION R308 OF THE 2023 FBC-R 8TH EDITION.
5. WINDOW CONTRACTOR TO VERIFY ROUGH OPENINGS OF ALL FIELD ASSEMBLED FIXED GLASS WINDOW UNITS PRIOR TO INSTALLATION.
6. WINDOW ROUGH OPENING INCLUDES 1X P.T. FRAME ATTACHED TO CMU'S.
7. DOOR ROUGH OPENING INCLUDES 2X P.T. FRAME ATTACHED TO CMU'S.
8. ALL WINDOWS IN WIND BORN DEBRIS AREAS SHALL BE PROTECTED FROM WIND BORN DEBRIS. PROVIDE SHUTTERS CERTIFIED TO MEET MIAMI-DADE IMPACT TEST. SHUTTERS MUST BE ROLL-DOWN, PANEL ACCORDION OR OTHER APPROVED DESIGN TYPE. BUILDER TO SUBMIT MANUFACTURER, MODEL NO. INSTALLATION INSTRUCTIONS, & COPY OF MIAMI-DADE IMPACT TEST DATA FOR PROPOSED SHUTTERS.
9. WINDOW & DOOR ASSEMBLIES TO CONFORM TO 2023 FBC-R CHAPTER 6, SECTION 609. INTERIOR FACE OF WINDOW, FASTEN BACK TO MASONRY W/ 1/4" X 3" TAPCONS, 6" FROM EDGES & 16" O.C. MAX. 2X P.T. BUCKS/NAILERS SHALL EXTEND BEYOND.
10. BUCKS LESS THAN 2X TO BE FASTENED W/ CUT NAILS OR EQUIVALENT. STRUCTURAL CONNECTION OF WINDOW TO STRUCTURE BY OTHERS IN THIS CASE.
11. EXTERIOR WINDOWS & SLIDING DOORS SHALL BE TESTED & COMPLY WITH AAMA/WDMA/CSA 1011.9.2/A440 OR TAS 202 (4VHZ SHALL COMPLY WITH TAS 202 AND ASTM E1300). EXTERIOR SIDE HINGED DOORS SHALL COMPLY WITH AAMA/WDMA/CSA 1011.9.2/A440 OR ANSI/UMA100 OR SECTION R609.5 IN THE 2023 FBC-R.
12. ALL GARAGE/OVERHEAD DOORS SHALL BE LISTED & TESTED FOR 30 SECONDS AT DESIGN PRESSURE (+/-) TO INCLUDE A 10 SECOND GUST AT 15 TIMES THE DESIGN PRESSURE.

**ROOFING:**

- 1. THE ROOF PLAN DEPICTED IS NOT INTENDED TO SERVE AS A TRUSS DESIGN.
2. SEE BUILDING SECTIONS, WALL SECTIONS & ELEVATIONS FOR BEARING HEIGHTS
3. 12' OVERHANG UNO/ PLUMB CUT FASCIA/ ROOF PITCH PER ELEVATION/ SHINGLES UNO.
4. FLASHING SHALL BE INSTALLED AT WALL & ROOF INTERSECTIONS, AT GUTTERS, AT ALL CHANGES IN ROOF SLOPE OR DIRECTION, & AROUND ROOF OPENINGS.
5. STEP FLASHING SHALL BE USED ON ALL ROOF TO WALL INTERSECTIONS ON RAKES.
6. ALL PENETRATIONS THROUGH ROOF ARE TO BE LOCATED ON REAR OR IF NECESSARY ON THE SIDE OF THE ROOF BEHIND THE FRONT FACADE ZONE.
7. CLAY & CONCRETE TILE (IF APPLICABLE):
I. PER FBC-R 2023 8TH EDITION R305.3, THE INSTALLATION OF CLAY AND CONCRETE TILE SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS, OR RECOMMENDATIONS OF FRSA/TRI FLORIDA HIGH WIND CONCRETE & CLAY ROOF TILE INSTALLATION MANUAL, LATEST EDITION, WHERE THE VASD IS DETERMINED IN ACCORDANCE WITH SECTION R301.21.3.
II. UNLESS OTHERWISE NOTED, REQUIRED UNDERLAYMENT SHALL COMPLY WITH THE UNDERLAYMENT MANUFACTURER'S INSTALLATION INSTRUCTIONS IN ACCORDANCE WITH THE FRSA/TRI FLORIDA HIGH WIND CONCRETE & CLAY ROOF TILE INSTALLATION MANUAL, LATEST EDITION, WHERE THE VASD IS DETERMINED IN ACCORDANCE WITH SECTION R301.21.3.
8. ASPHALT SHINGLES (IF APPLICABLE):
I. WIND RESISTANCE OF ASPHALT SHINGLES. - ASPHALT SHINGLES SHALL BE INSTALLED IN ACCORDANCE WITH 2023 FBC-R (8TH EDITION), SECTION R305.2.6 AND R305.2.6.1.
II. ASPHALT SHINGLES SHALL ONLY BE USED ON ROOF SLOPES OF TWO UNITS VERTICAL IN 12 UNITS HORIZONTAL (2:12) OR GREATER. FOR ROOF SLOPES FROM TWO UNITS VERTICAL IN 12 UNITS HORIZONTAL (2:12) & LESS THAN FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL (4:12), TWO LAYERS OF UNDERLAYMENT COMPLYING WITH ASTM D226, TYPE II, ASTM D4869, TYPE III OR TYPE IV OR ASTM D8251 IS REQUIRED IN ACCORDANCE WITH SECTION R305.1.1. FOR ROOF SLOPES FROM FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL (4:12) & GREATER, ONE LAYER OF UNDERLAYMENT COMPLYING WITH ASTM D226, TYPE II, ASTM D4869, TYPE III OR IV OR ASTM D8251 IS REQUIRED IN ACCORDANCE WITH SECTION R305.1.1.
III. AS AN ALTERNATIVE, THE ENTIRE ROOF DECK SHALL BE COVERED WITH AN APPROVED SELF-ADHERING POLYMER MODIFIED BITUMEN UNDERLAYMENT COMPLYING WITH ASTM D910 INSTALLED IN ACCORDANCE WITH BOTH THE UNDERLAYMENT MANUFACTURER'S & ROOF COVERING MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR THE DECK MATERIAL, ROOF VENTILATION CONFIGURATION & CLIMATE EXPOSURE FOR THE ROOF COVERING TO BE INSTALLED. REFER TO R305.1.1.1.

**INSULATION:**

- 1. INSULATE ALL EXTERIOR FRAME WALLS WITH R-13 BATT FIBERGLASS INSULATION.
2. INSULATE CONDITIONED ATTIC SPACE WITH R-30 BLOWN FIBERGLASS. INACCESSIBLE ATTIC SPACE SHALL RECEIVE R-30 BATT INSULATION.
3. INSULATE ALL CMU WALLS (THAT REQUIRE 1" P.T. FURRING STRIPS) WITH R41 FI-FIOL PANELS.
4. APPLY HILTI FOAM FILLER AT EXTERIOR WALLS AROUND: WINDOW FRAMES, EXTERIOR DOOR FRAMES, GAPS AROUND PIPES, VENTS, OUTLETS, ETC.
5. INSULATE ALL ATTIC KNEE WALLS WITH R-38 BATTS.
6. APPLY OWENS CORNING ENERGY COMPLETE TO THE TOP OF ALL CONDITIONED SPACE WALLS THAT INTERACT WITH UNCONDITIONED ATTIC SPACE ABOVE.

**CABINETS:**

- 1. CABINET MANUFACTURE'S SHOP DRAWINGS TAKE PRECEDENCE OVER THE INTERIOR CABINET ELEVATIONS SHOWN ON THESE DRAWINGS.
2. SEE SUPPLIER / MFR'S DRAWINGS FOR KITCHEN, CABINETRY/MILLWORK & RESTROOM LAYOUTS.

**PLUMBING:**

- 1. PLUMBING CONTRACTOR SHALL BE RESPONSIBLE TO PROPERLY SIZE, DESIGN, & INSTALL ALL PLUMBING SYSTEM COMPONENTS BY THE TERMS OF THEIR APPROVAL, IN ACCORDANCE WITH THE CONDITIONS OF THE LISTING, & PER THE CURRENT EDITION OF THE FBC(P), THE FBC(R), THE FBC, OR AS APPLICABLE.
2. PROVIDE RECESS HOT & COLD WATER WITH DRAIN @ WASHER SPACE.
3. PROVIDE COLD WATER LINE FOR ICE MAKER LINE @ REF. SPACE.
4. VENT DRYER THRU ROOF. NO VENT STACKS SHALL PENETRATE THROUGH ROOF CRICKETS, VALLEYS, OR RIDGES. BUILDER SHALL VERIFY & APPROVE ALL LOCATIONS.

**ELECTRICAL:**

- 1. IAW NEC 2020- 210.12-ALL 15A OR 20A 120V BRANCH CIRCUITS SUPPLYING OUTLETS OR DEVICES IN THE FOLLOWING LOCATIONS REQUIRE AFCI PROTECTION: KITCHEN, FAMILY RMs, DINING RMs, LIVING RMs, PARLORS, LIBRARIES, BEDROOMS, DENS, CLOSETS, SUNROOMS, RECREATION RMs, HALLWAYS OR SIMILAR AREAS SHALL BE PROTECTED BY A LISTED AFCI DEVICE OF THE COMBINATION TYPE.
2. IAW NEC 2020- 406.12, ALL 15A AND 20A, 125V RECEPTACLES SHALL BE LISTED AS TAMPER RESISTANT.
3. ALL SERVICES SUPPLYING DWELLING UNITS SHALL BE PROVIDED WITH A SURGE-PROTECTION DEVICE (SPD). THE SPD SHALL BE A TYPE (1) OR TYPE (2) SPD.
4. ALL OUTLETS IN BATHROOMS, KITCHEN, GARAGES & LAUNDRY ROOM SHALL BE GFCI
5. SMOKE ALARMS SHALL BE IN ALL SLEEPING AREAS, SHALL BE INTERCONNECTED, SHALL BE WITHIN 1' TO 3' OF PEAK & SHALL BE 3' FROM THE SUPPLY OR RETURN AIR- STREAM & EQUIPPED W/ A BATTERY BACKUP. ALARMS MAY NOT BE CONNECTED WHERE ALARMS ARE WIRELESS & ALL ALARMS SOUND UPON ACTIVATION IAW FBC-R R314.3 & R314.4.
6. ALL ELECTRICAL WORK TO BE DONE PER NFPA70-NEC 2020
7. ADDITIONAL ELECTRODE MAY BE REQUIRED IN ACCORDANCE WITH NEC 250.53(A)(2)
8. ALL DWELLING UNIT RECEPTACLE WILL BE IN ACCORDANCE WITH NFPA70-NEC2020 - ARTICLE 210-52

**MECHANICAL:**

- 1. EQUIPMENT LOCATIONS TO BE FIELD VERIFIED & MAY VARY DEPENDANT UPON COMMUNITY & MUNICIPALITY CODES.
2. COMPLETE DUCT DESIGN W/ SIZES & R-VALUE COMPLYING W/ THE FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION 6101 ABC1
3. APPLIANCES SHALL BE ACCESSIBLE FOR INSPECTION, SERVICE, REPAIR & REPLACEMENT WITHOUT REMOVING PERMANENT CONSTRUCTION. A) CHAPTER 13 OF THE FBC-R 2023 8TH EDITION, SECTION M105.1
4. AIR CONDITIONING SYSTEM SHALL BE COMPLETELY BALANCED. ALL ROOMS ISOLATED FROM THE RETURN AIR SHALL BE PROVIDED WITH MEANS TO COMPLY WITH SECTION M102.02 OF THE FBC-R 2023 8TH EDITION.
5. ALL WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18' ABOVE GARAGE FLOOR UNLESS WATER HEATER IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBC-R 2023 8TH EDITION F280.1
6. ALL EQUIPMENT & APPLIANCES, INCLUDING WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18' ABOVE GARAGE FLOOR UNLESS IT IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBC-R 2023 8TH EDITION.
7. THE MAXIMUM ALLOWABLE EXHAUST DUCT LENGTH SHALL BE DETERMINED BY ONE OF THE METHODS SPECIFIED IN SECTIONS M102.4.5.1 THROUGH M102.4.5.3

**STAIRS:**

- 1. SEE STAIR SECTIONS FOR TREAD & RISER GENERAL REQUIREMENTS.
2. ACCESSIBLE SPACE UNDER STAIRS SHALL BE PROTECTED BY 1/2" GYPSUM BOARD.
3. HANDRAIL CONTINUITY PER R311.7.2.2- HANDRAILS FOR STAIRS SHALL BE CONTINUOUS FOR FULL LENGTH OF THE FLIGHT, FROM A POINT DIRECTLY ABOVE THE TOP RISER OF THE FLIGHT TO A POINT DIRECTLY ABOVE THE LOWEST RISER OF THE FLIGHT. HANDRAIL ENDS SHALL BE RETURNED OR SHALL TERMINATE IN NEWEL POST OR SAFETY TERMINALS. HANDRAILS ADJACENT TO A WALL SHALL HAVE A SPACE OF NO LESS THAN 1 1/2"(381MM) BETWEEN THE WALL & THE HANDRAIL.

**SWIMMING POOLS:**

- 1. CHAPTER 45 PRIVATE SWIMMING POOLS - OUTDOOR SWIMMING POOLS SHALL BE PROVIDED WITH A BARRIER COMPLYING W/ R4501.1.1. THROUGH R4501.1.1.4.

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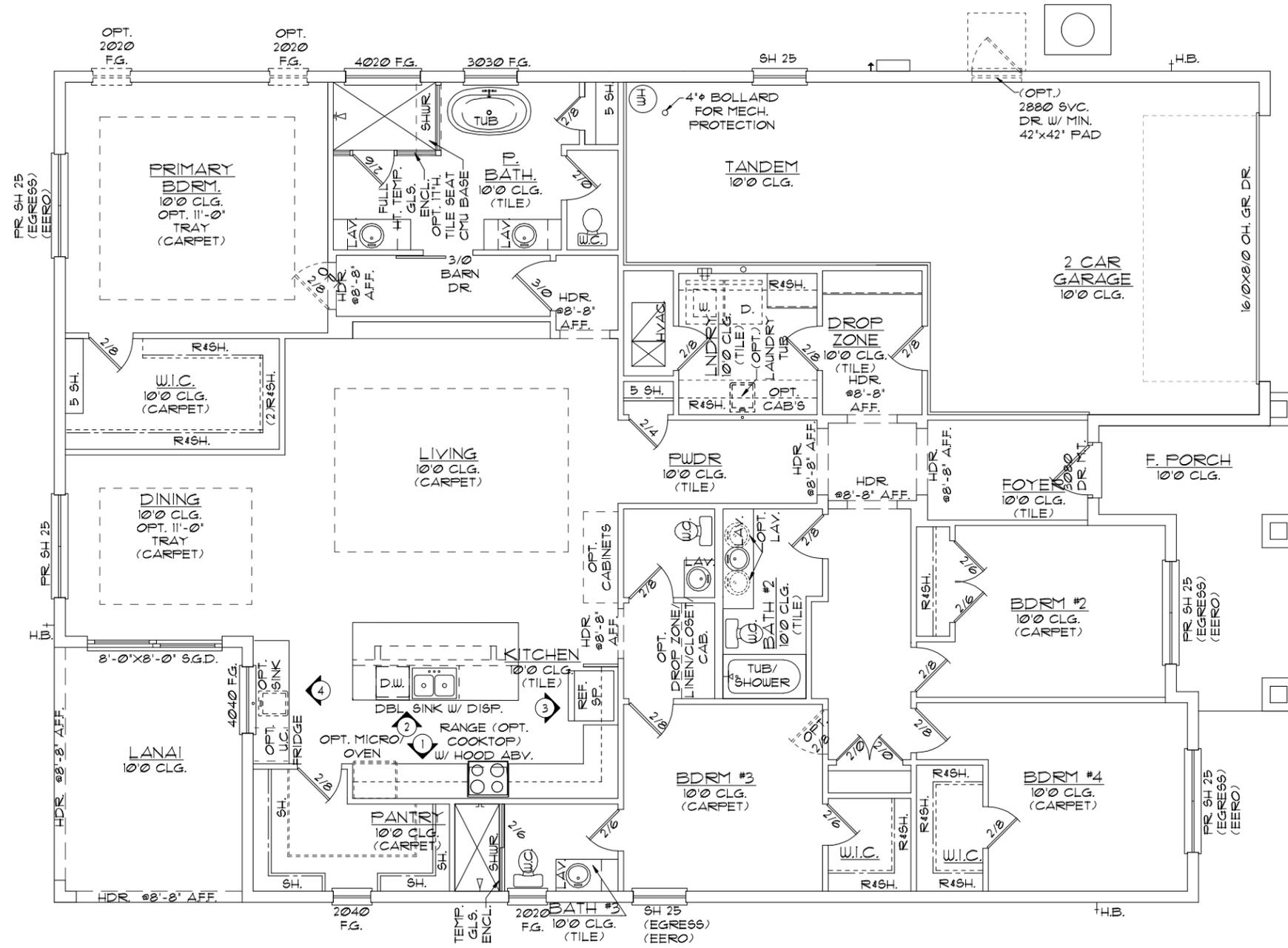


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2681 RANIER PARK SERIES GENERAL NOTES

Table with columns for REVISIONS, DELTA #, and DATE.

DATE: 12-10-25
SCALE: AS NOTED
DRAWN: MW
SHEET: 00.1



**GENERAL NOTES**

1. CONTRACTOR TO VERIFY ALL DIMENSIONS ON JOB SITE.
2. DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
3. ALL INTERIOR FRAME WALL DIMENSIONS TO BE 3-1/2" UNLESS NOTED OTHERWISE.
4. ALL EXTERIOR BLOCK WALL DIMENSIONS TO BE 7-5/8" UNLESS NOTED OTHERWISE.
5. DOOR FROM HOUSE TO GARAGE MUST BE SOLID WOOD DOOR NO LESS THAN 1 3/8" IN THICKNESS, SOLID OR HONEYCOMB CORE STEEL DOORS NOT LESS THAN 1 3/8" THICK, OR 20 MIN. FIRE RATED IAW R302.5.1
6. GARAGE SHALL BE SEPARATED FROM THE RESIDENCE & ITS ATTIC AREA BY NOT LESS THAN 1/2" GYP. BD. APPLIED TO THE GAR. SIDE. PROVIDE 5/8" TYPE 'X' GYP. BD. AT CEILING ONLY APPLIED PERPENDICULAR TO CEILING FRAME.
7. PULL ALL DIMENSIONS FROM THE REAR OF THE PLAN.
8. SEE GENERAL NOTES PAGE FOR ADDITIONAL INFO.

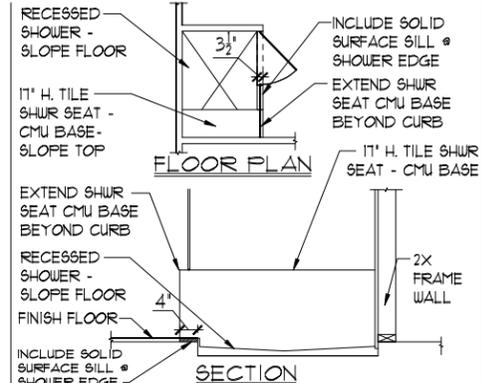
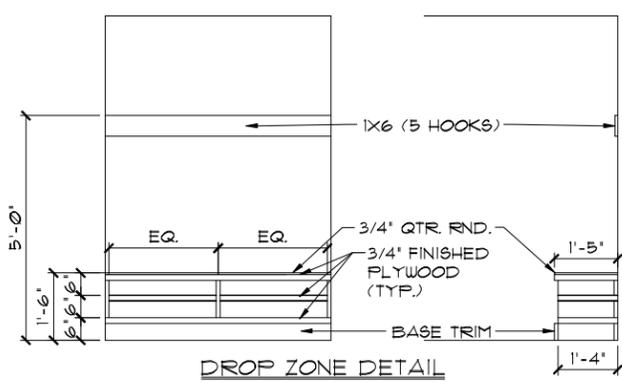
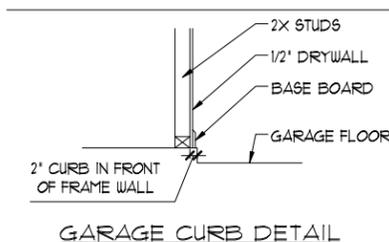
**WALL LEGEND**

- [Symbol] DENOTES CONC. BLOCK WALL HGT. @ 8'-0" AFF.
- [Symbol] DENOTES CONC. BLOCK WALL HGT. @ X'-0" AFF.
- [Symbol] DENOTES 2x INSULATED FRAME WALL

NOTE: SEE COLOR SHEET FOR FLOORING & INTERIOR DOOR HEIGHT REQUIREMENTS

AREA CALCULATIONS	
TOTAL LIVING	2,681 SF.
GARAGE	648 SF.
ENTRY	149 SF.
LANAI	169 SF.
<b>TOTAL UNDER ROOF</b>	<b>3,647 SF.</b>

**ELEVATION A STD FLOOR PLAN W/ NOTES**  
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



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**020**

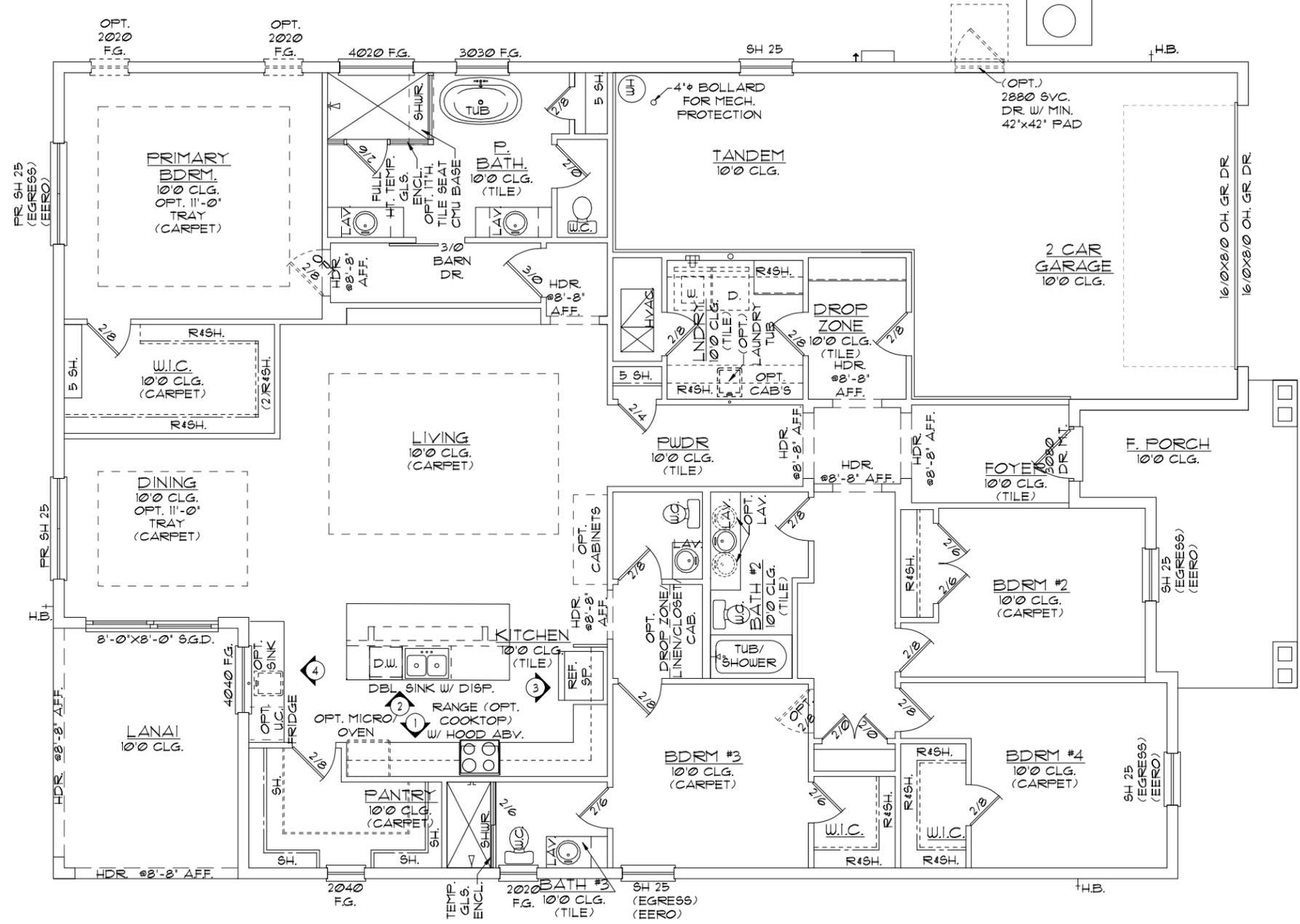
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	12-10-25

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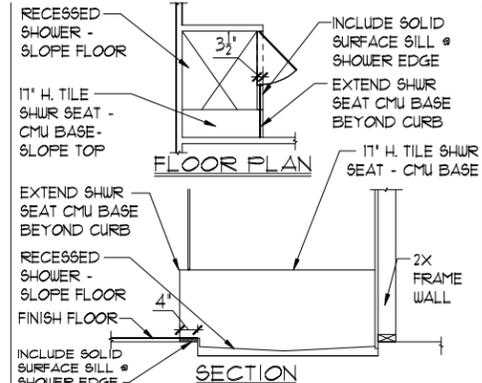
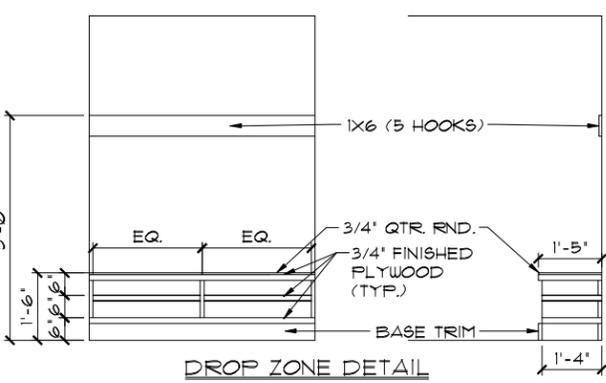
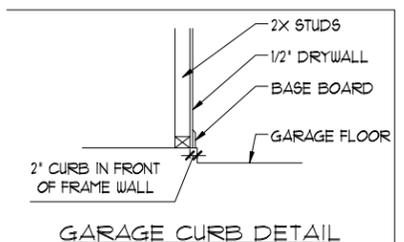
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AREA CALCULATIONS	
TOTAL LIVING	2,681 SF.
GARAGE	648 SF.
ENTRY	176 SF.
LANAI	169 SF.
<b>TOTAL UNDER ROOF</b>	<b>3,674 SF.</b>

**ELEVATION B STD FLOOR PLAN W/ NOTES**  
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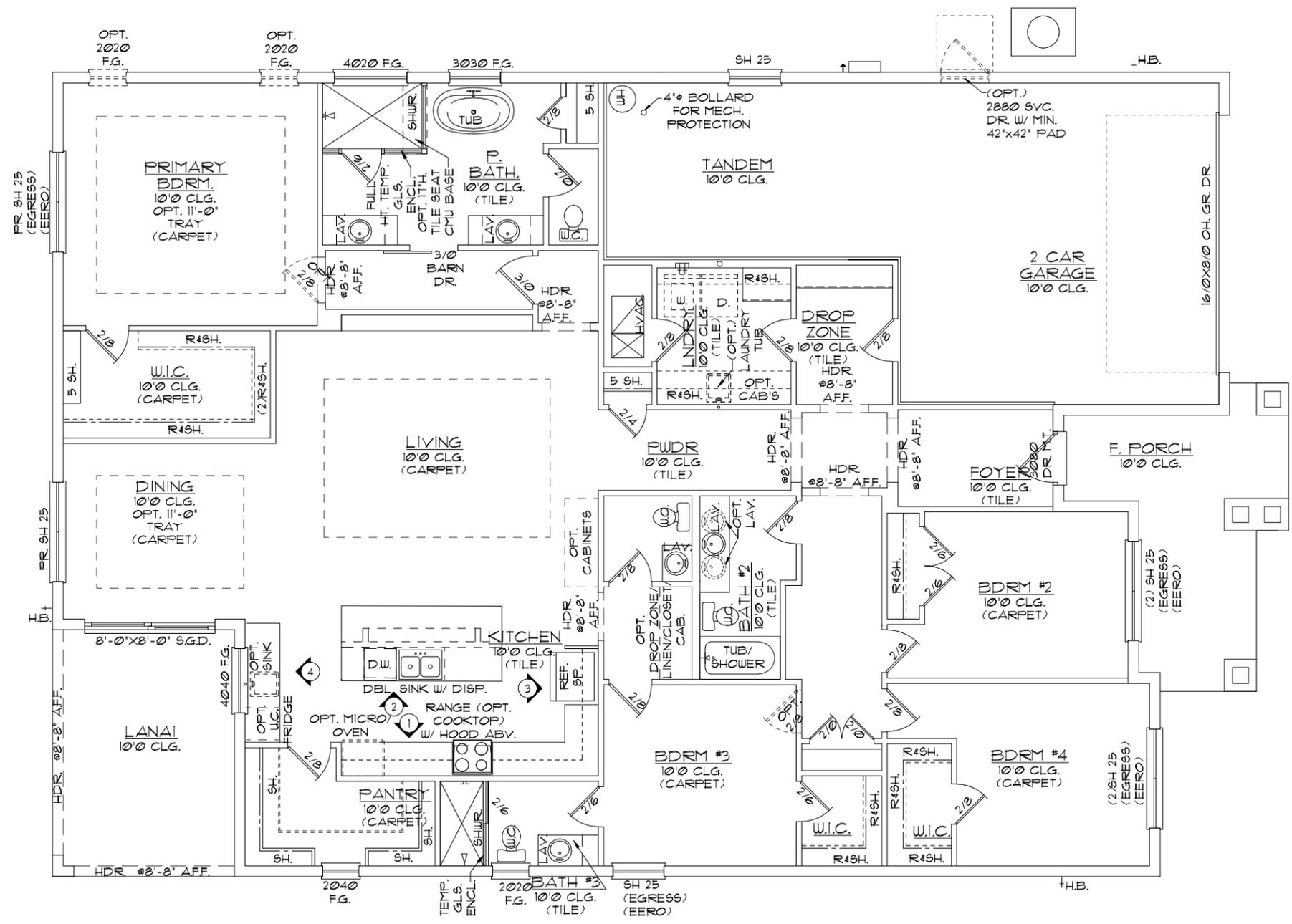


**FLOOR PLAN W/ NOTES**

2681 RANIER  
PARK SERIES

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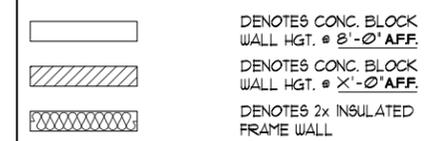
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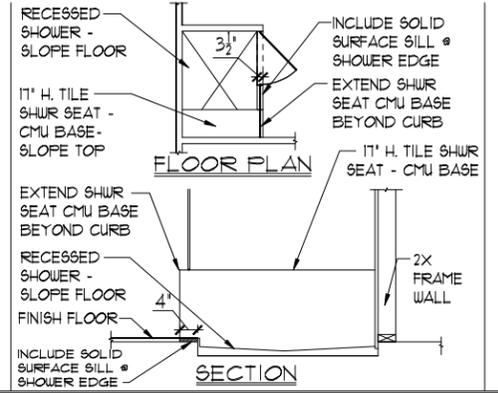
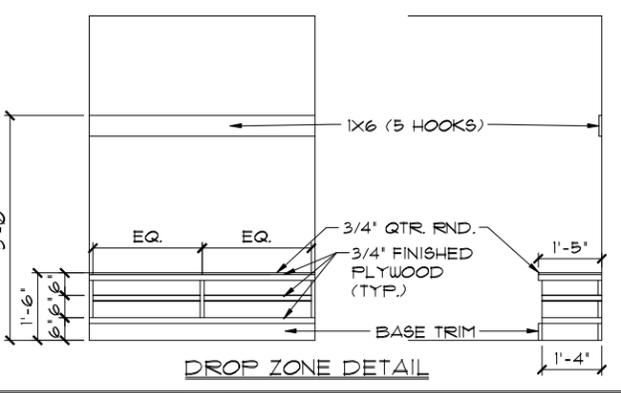
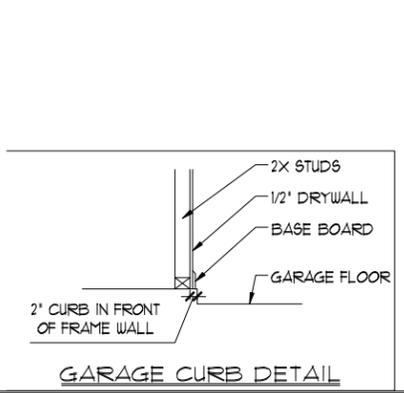
**WALL LEGEND**



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AREA CALCULATIONS	
TOTAL LIVING	2,681 SF.
GARAGE	648 SF.
ENTRY	149 SF.
LANAI	169 SF.
<b>TOTAL UNDER ROOF</b>	<b>3,647 SF.</b>

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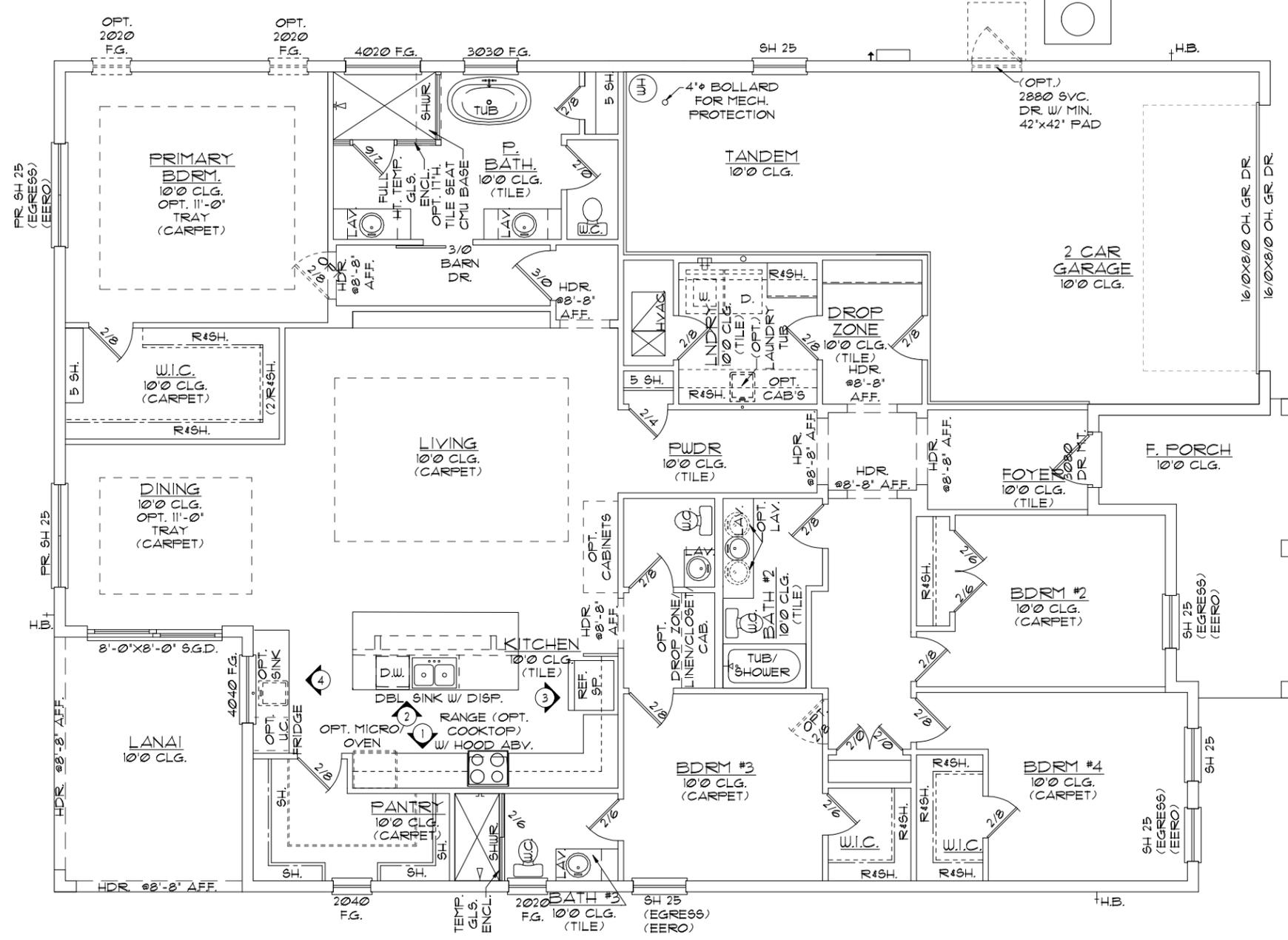


**FLOOR PLAN W/ NOTES**

2681 RANIER  
PARK SERIES

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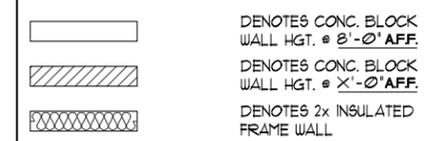
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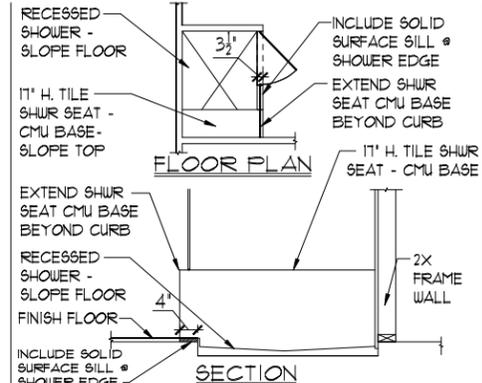
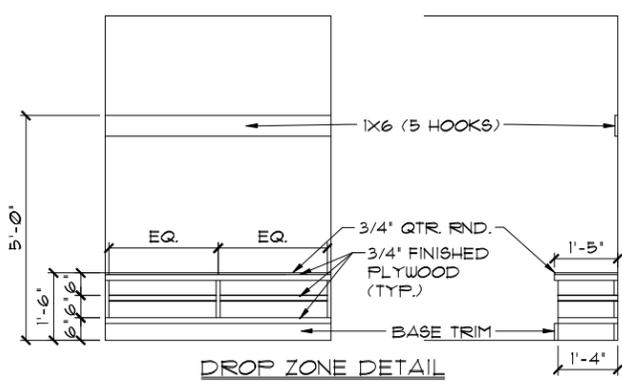
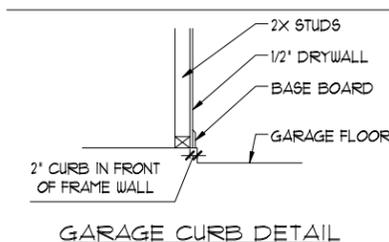
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**2681 RANIER PARK SERIES**

**FLOOR PLAN W/ NOTES**

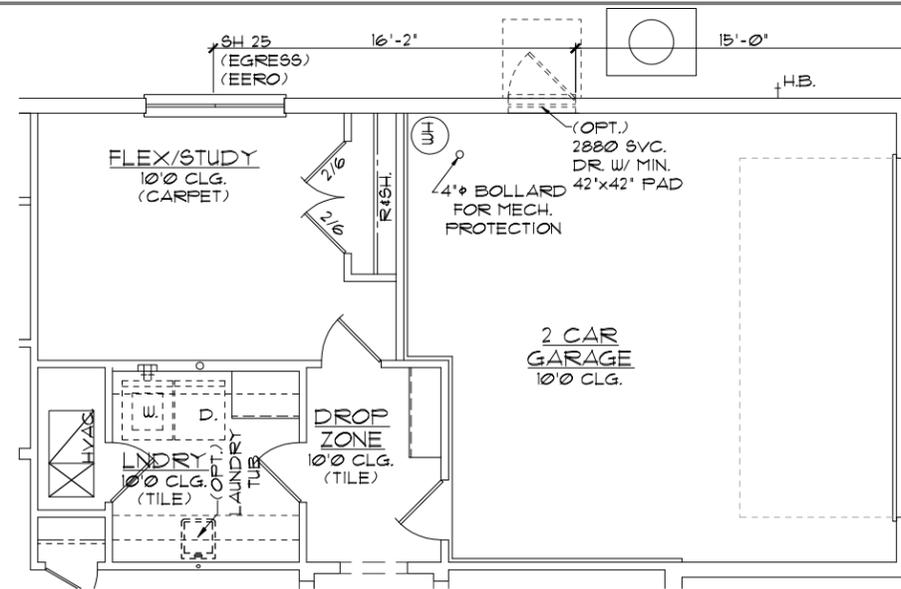
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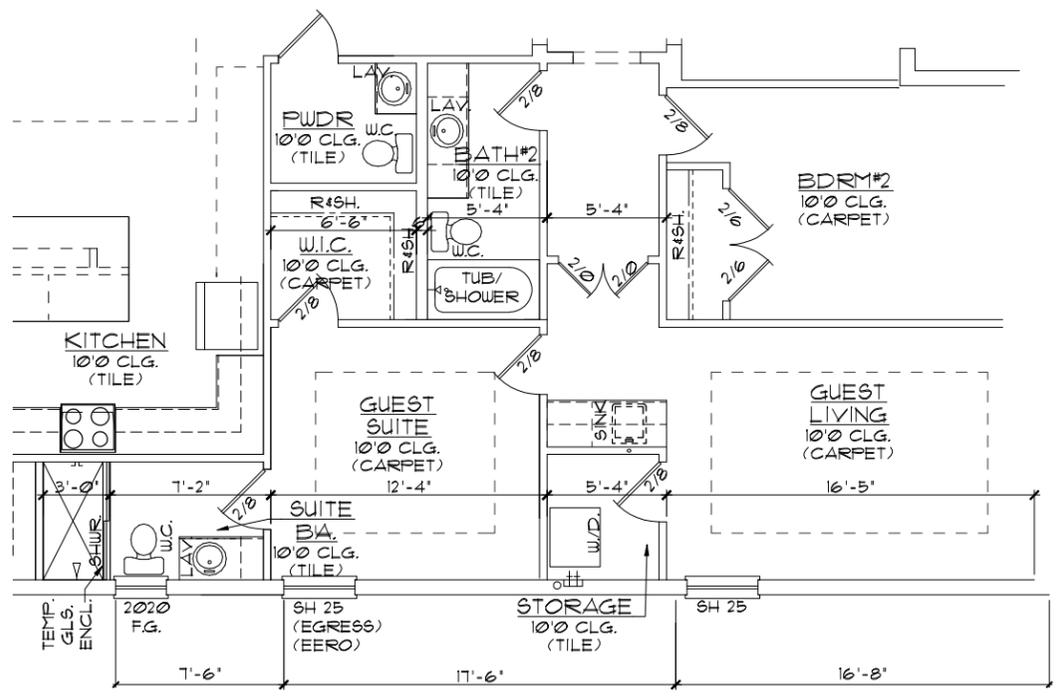
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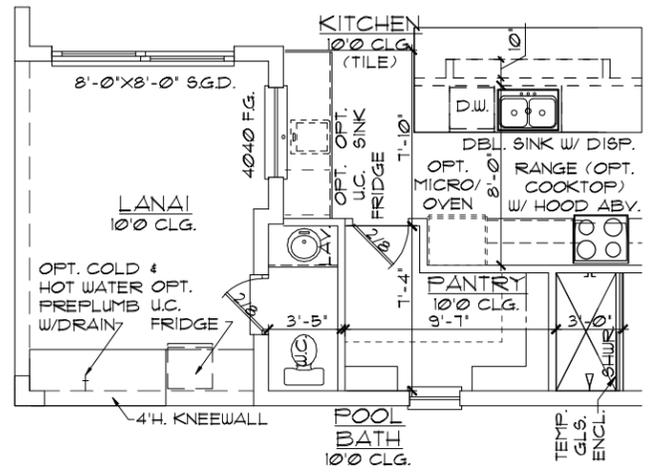
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OPT FLEX/STUDY



OPT MULTI-GEN SUITE



OPT. POOL BATH/SUMMER KITCHEN

AREA CALCULATIONS	
TOTAL LIVING	2,871 SF.
GARAGE	458 SF.

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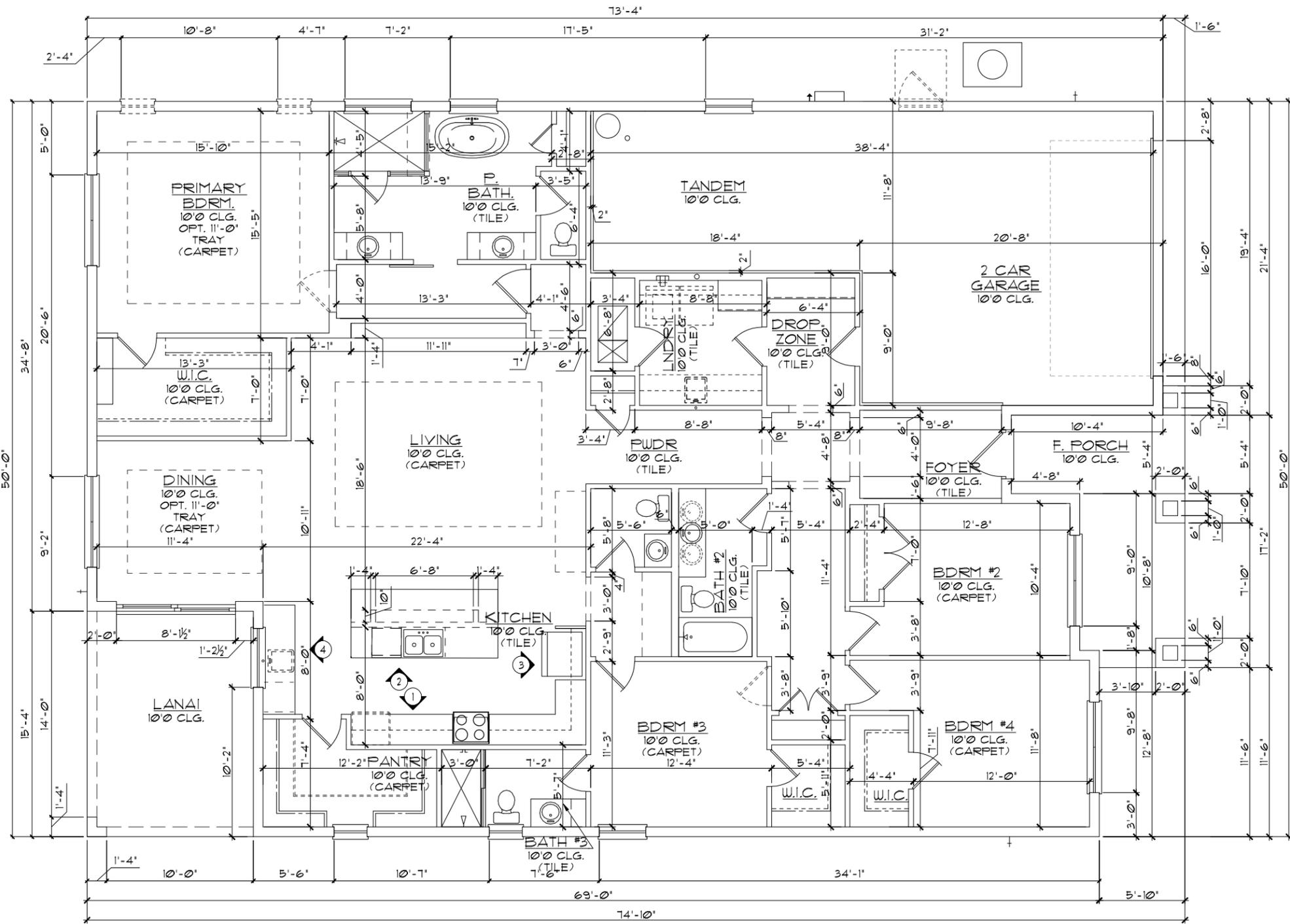
FLOOR PLAN W/ NOTES

2681 RANIER  
PARK SERIES

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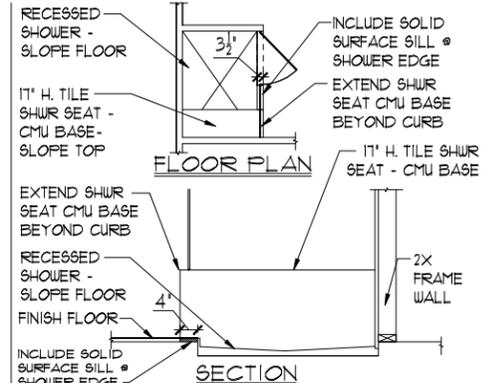
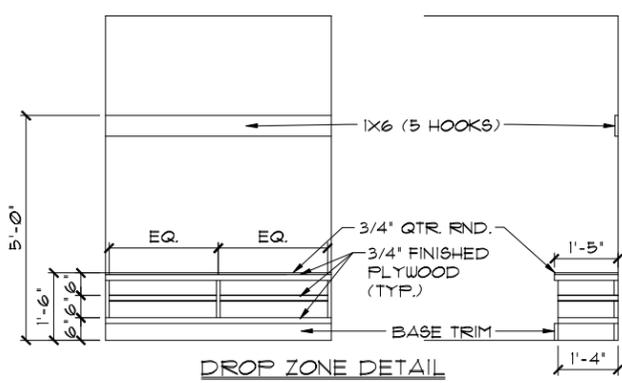
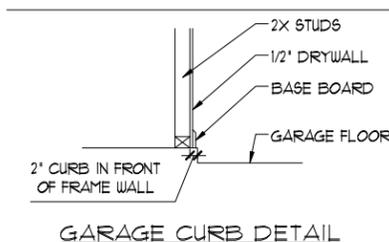
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<b>TOTAL UNDER ROOF</b>	<b>3,647 SF.</b>

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**Park Square HOMES**

**FLOOR PLAN W/ DIMENSIONS**

**2681 RANIER PARK SERIES**

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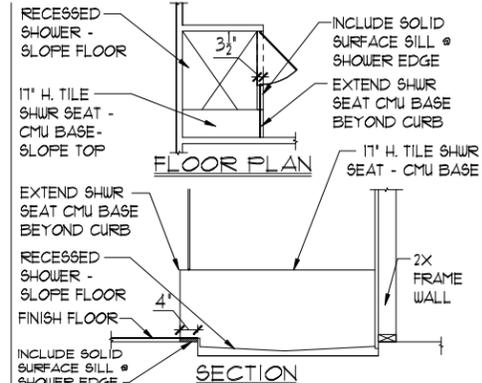
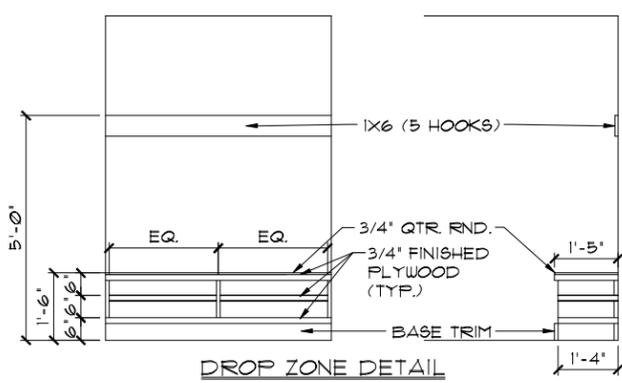
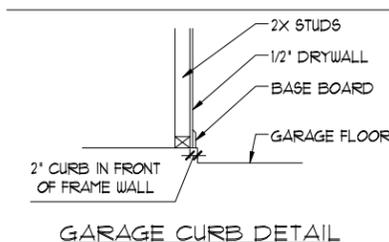
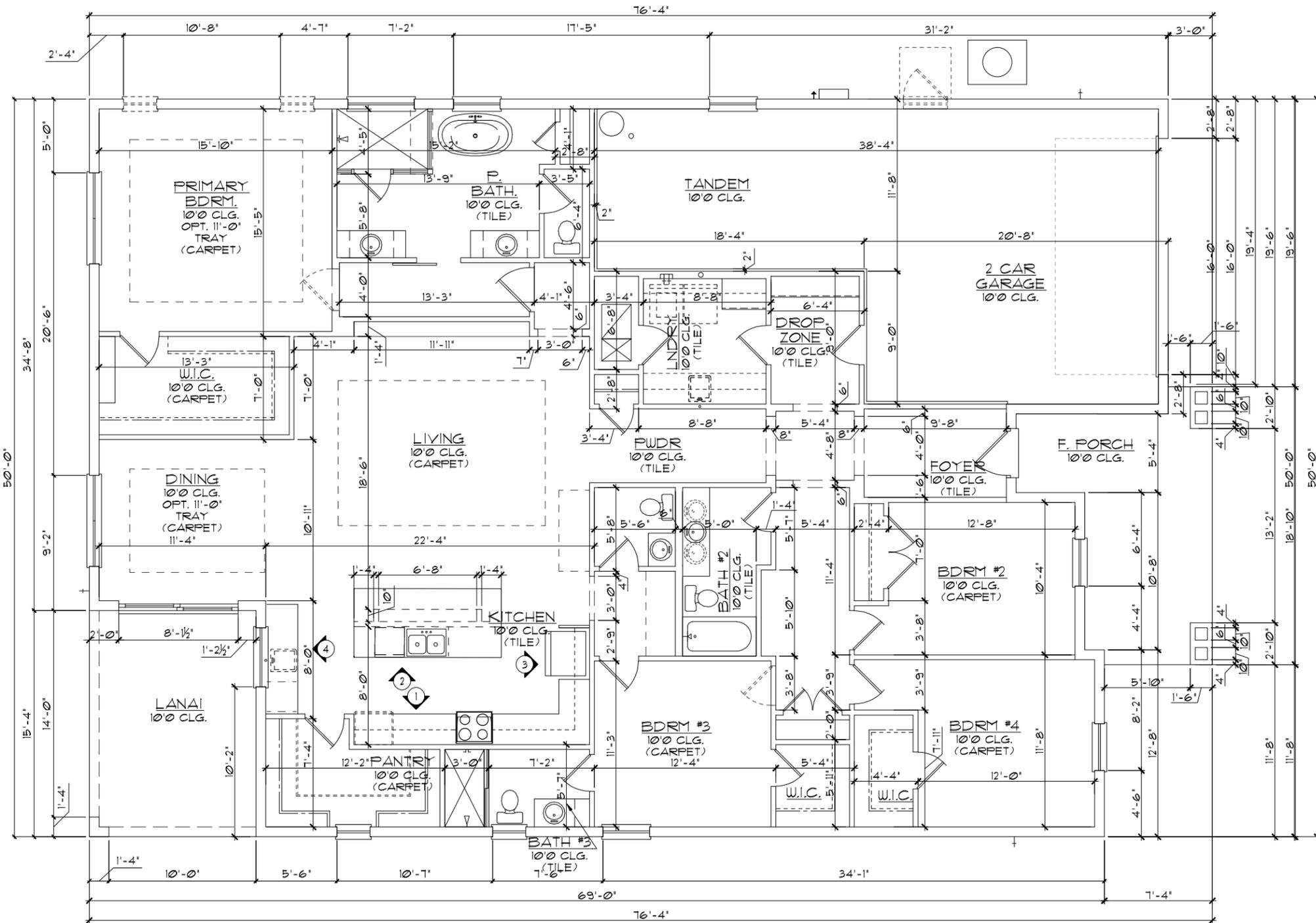
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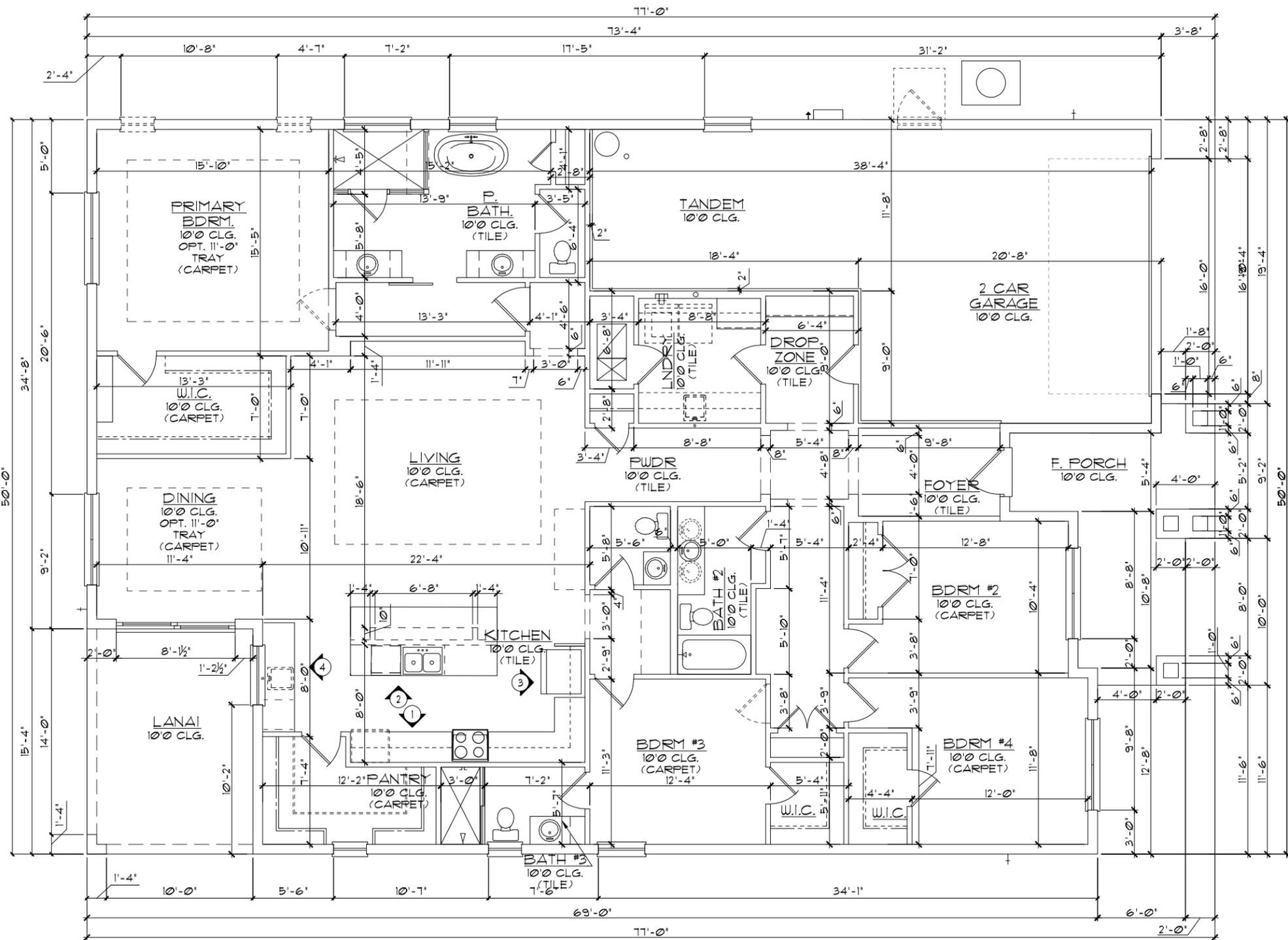
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Orlando, Florida 32811  
Phone: (407) 529-3000



FLOOR PLAN  
W/ DIMENSIONS

2681 RANIER  
PARK SERIES

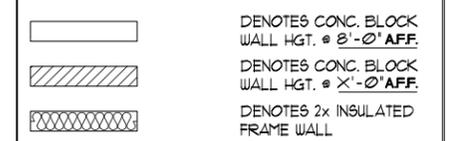
REVISIONS	
DELTA #	DATE
DATE:	12-10-25
SCALE:	AS NOTED
DRAWN:	MU
SHEET:	02.1



**GENERAL NOTES**

1. CONTRACTOR TO VERIFY ALL DIMENSIONS ON JOB SITE.
2. DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
3. ALL INTERIOR FRAME WALL DIMENSIONS TO BE 3-1/2" UNLESS NOTED OTHERWISE.
4. ALL EXTERIOR BLOCK WALL DIMENSIONS TO BE 7-5/8" UNLESS NOTED OTHERWISE.
5. DOOR FROM HOUSE TO GARAGE MUST BE SOLID WOOD DOOR NO LESS THAN 1 3/8" IN THICKNESS, SOLID OR HONEYCOMB CORE STEEL DOORS NOT LESS THAN 1 3/8" THICK, OR 20 MIN. FIRE RATED IAW R302.5.1
6. GARAGE SHALL BE SEPARATED FROM THE RESIDENCE & ITS ATTIC AREA BY NOT LESS THAN 1/2" GYP. BD. APPLIED TO THE GAR. SIDE. PROVIDE 5/8" TYPE "X" GYP. BD. AT CEILING ONLY APPLIED PERPENDICULAR TO CEILING FRAME.
7. PULL ALL DIMENSIONS FROM THE REAR OF THE PLAN.
8. SEE GENERAL NOTES PAGE FOR ADDITIONAL INFO.

**WALL LEGEND**



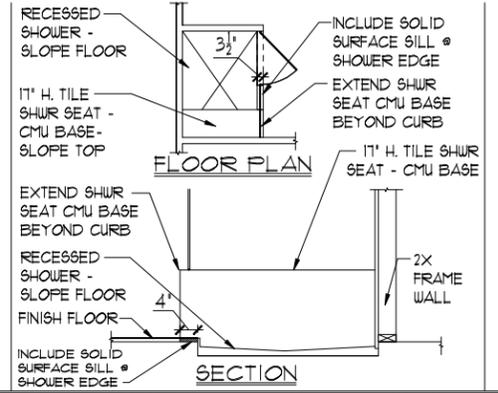
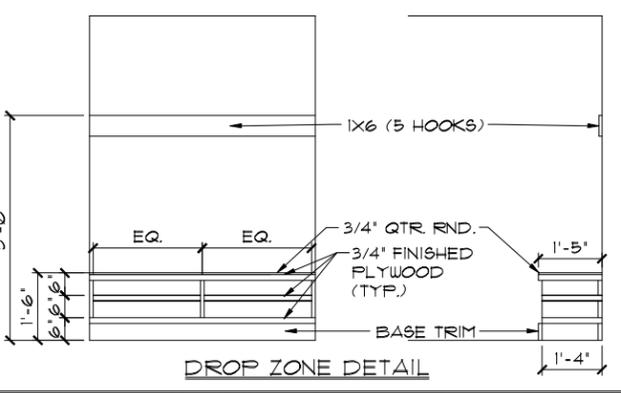
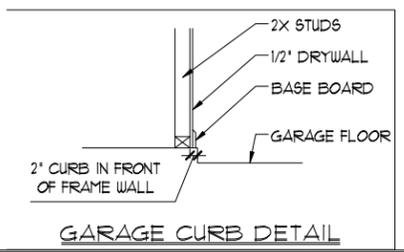
NOTE: SEE COLOR SHEET FOR FLOORING & INTERIOR DOOR HEIGHT REQUIREMENTS

**AREA CALCULATIONS**

TOTAL LIVING	2,681 SF.
GARAGE	648 SF.
ENTRY	171 SF.
LANAI	169 SF.
<b>TOTAL UNDER ROOF</b>	<b>3,669 SF.</b>

**ELEVATION C STD FLOOR PLAN W/ DIMENSIONS**

1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



DISCLAIMER: CONTRACTOR/SUB-CONTRACTOR IS RESPONSIBLE TO REVIEW ALL INFORMATION CONTAINED HEREIN PRIOR TO COMMENCEMENT OF CONSTRUCTION. PARK SQUARE HOMES IS NOT RESPONSIBLE FOR ANY MISINTERPRETATIONS, ERRORS, OMISSIONS OR CUSTOM CHANGES MISSED AND NOT REPORTED PRIOR TO CONSTRUCTION. NO EXCEPTIONS.

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Phone: (407) 529-3000



**FLOOR PLAN W/ DIMENSIONS**

**2681 RANIER PARK SERIES**

**REVISIONS**

DELTA #	DATE

DATE: 12-10-25  
SCALE: AS NOTED  
DRAWN: MU  
SHEET: 02.1

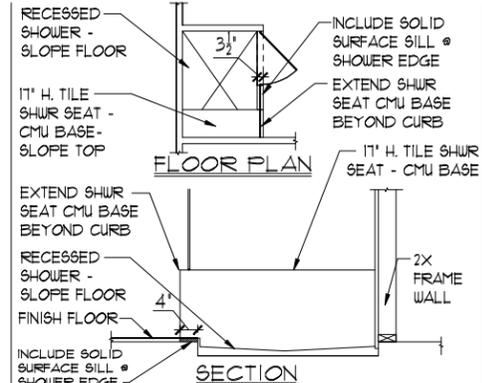
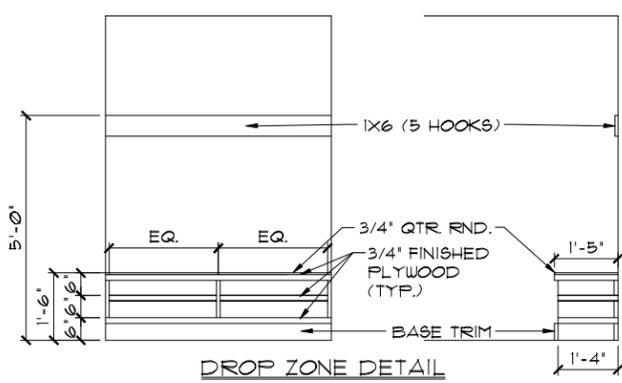
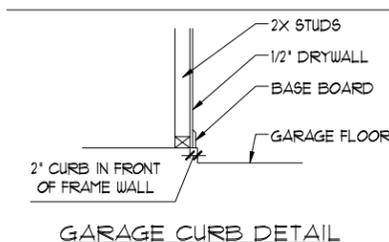
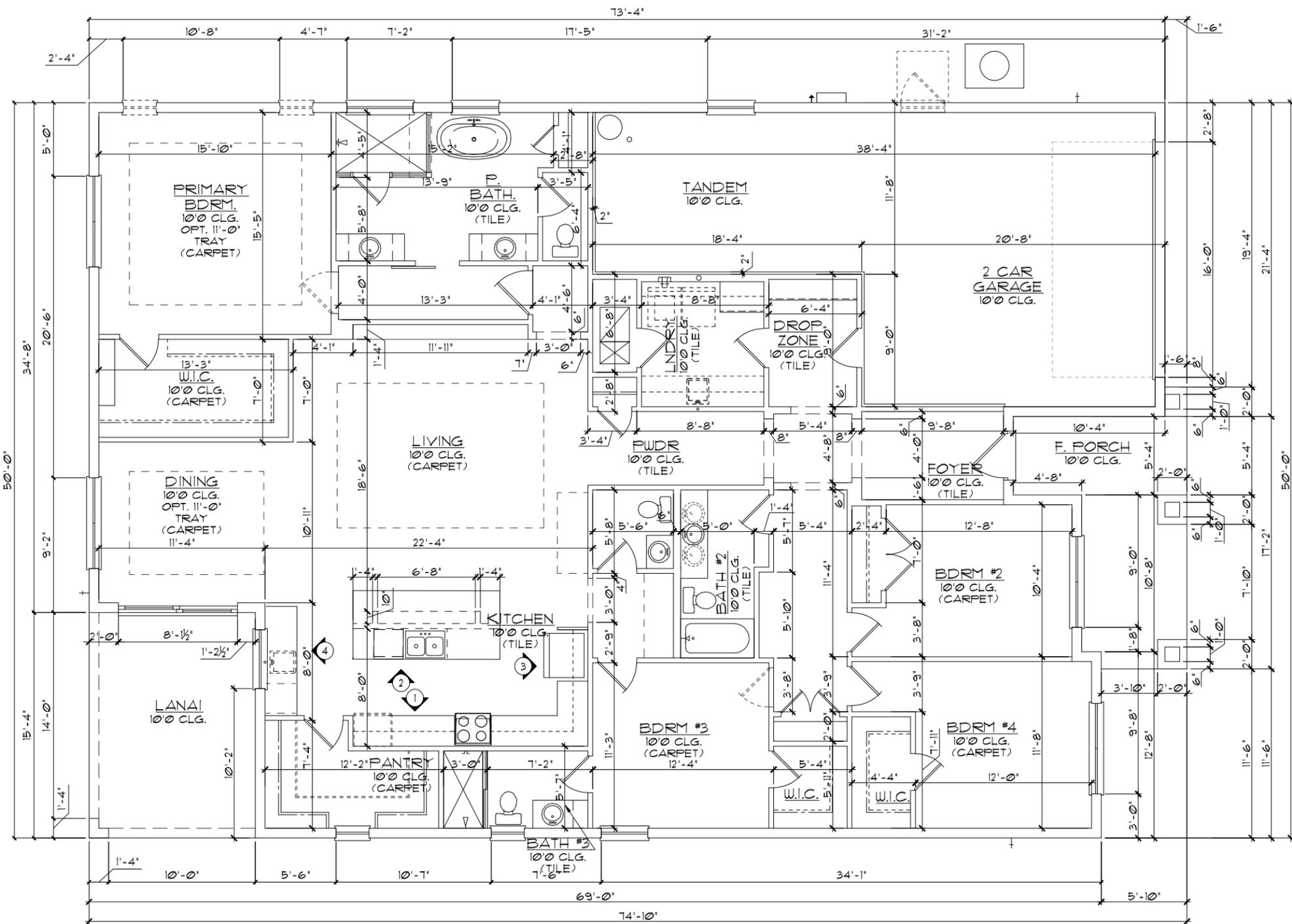
GENERAL NOTES

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4. ALL EXTERIOR BLOCK WALL DIMENSIONS TO BE 7-5/8" UNLESS NOTED OTHERWISE.
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7. PULL ALL DIMENSIONS FROM THE REAR OF THE PLAN.
8. SEE GENERAL NOTES PAGE FOR ADDITIONAL INFO.

WALL LEGEND

- [Symbol] DENOTES CONC. BLOCK WALL HGT. @ 8'-0" AFF.
- [Symbol] DENOTES CONC. BLOCK WALL HGT. @ X'-0" AFF.
- [Symbol] DENOTES 2x INSULATED FRAME WALL

NOTE: SEE COLOR SHEET FOR FLOORING & INTERIOR DOOR HEIGHT REQUIREMENTS



AREA CALCULATIONS	
TOTAL LIVING	2,681 SF.
GARAGE	648 SF.
ENTRY	149 SF.
LANAI	169 SF.
<b>TOTAL UNDER ROOF</b>	<b>3,647 SF.</b>

ELEVATION D STD  
FLOOR PLAN W/ DIMENSIONS  
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

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**2681 RANIER**

**PARK SERIES**

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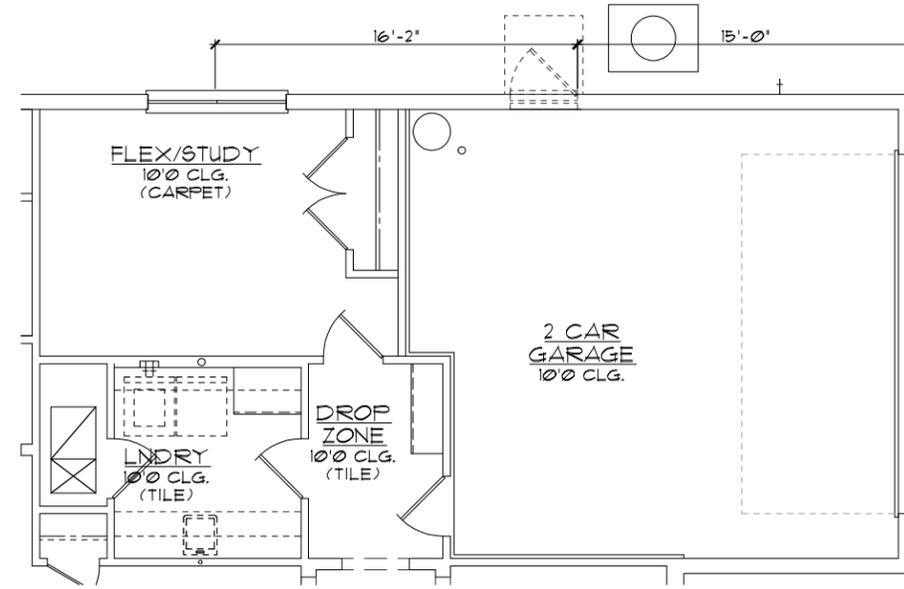
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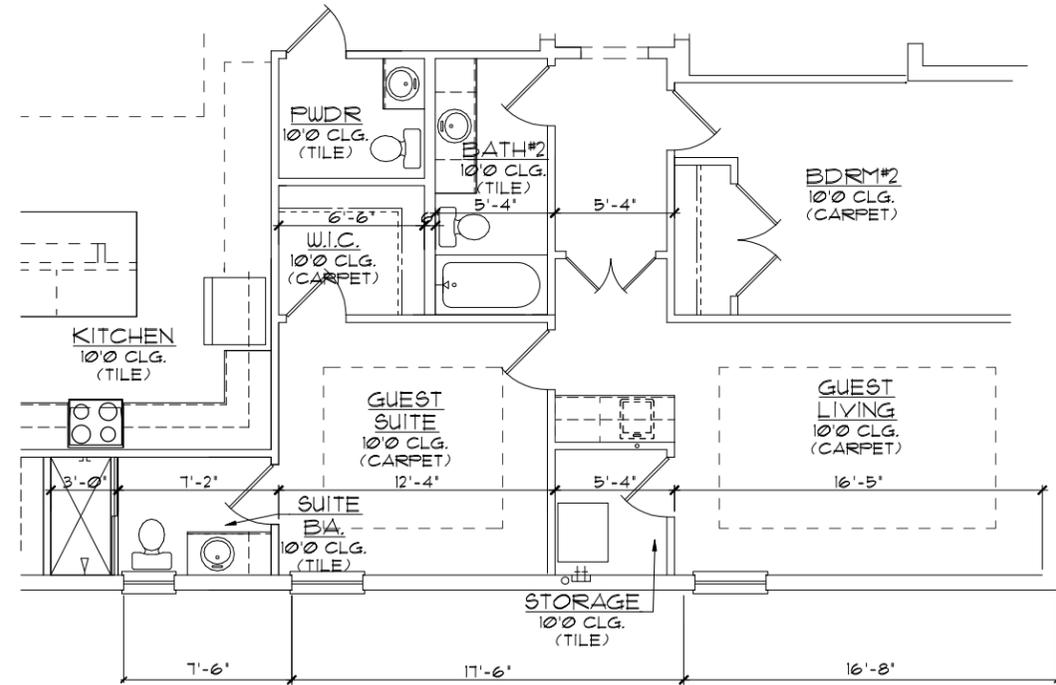
FLOOR PLAN W/ DIMENSIONS

**02.1**

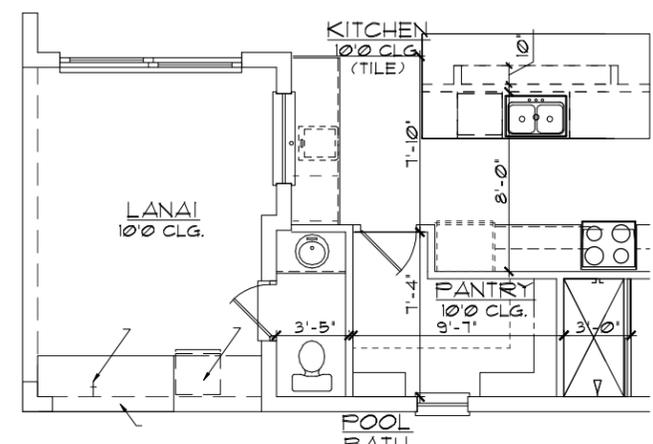
REVISIONS  
 DELTA #    DATE  
 DATE: 12-10-25  
 SCALE: AS NOTED  
 DRAWN: MU  
 SHEET:



OPT FLEX/STUDY



OPT MULTI-GEN SUITE



OPT. POOL BATH/SUMMER KITCHEN

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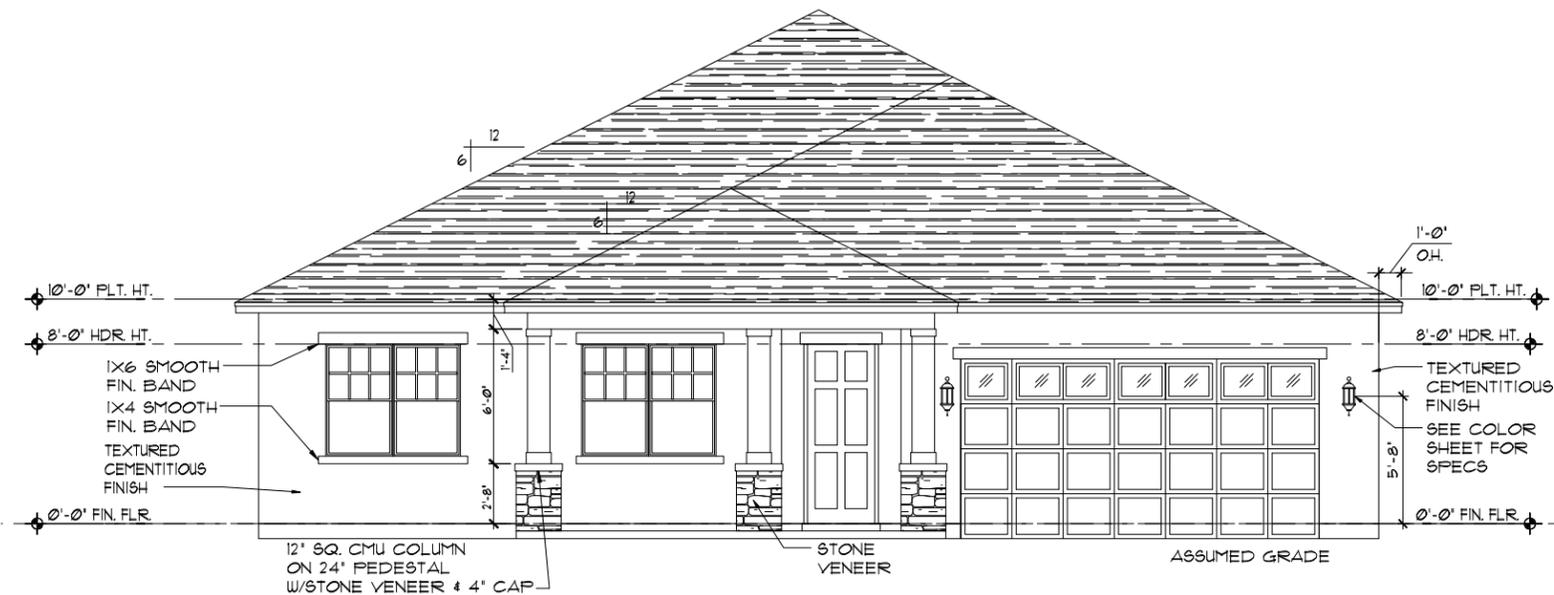


FLOOR PLAN  
W/ DIMENSIONS

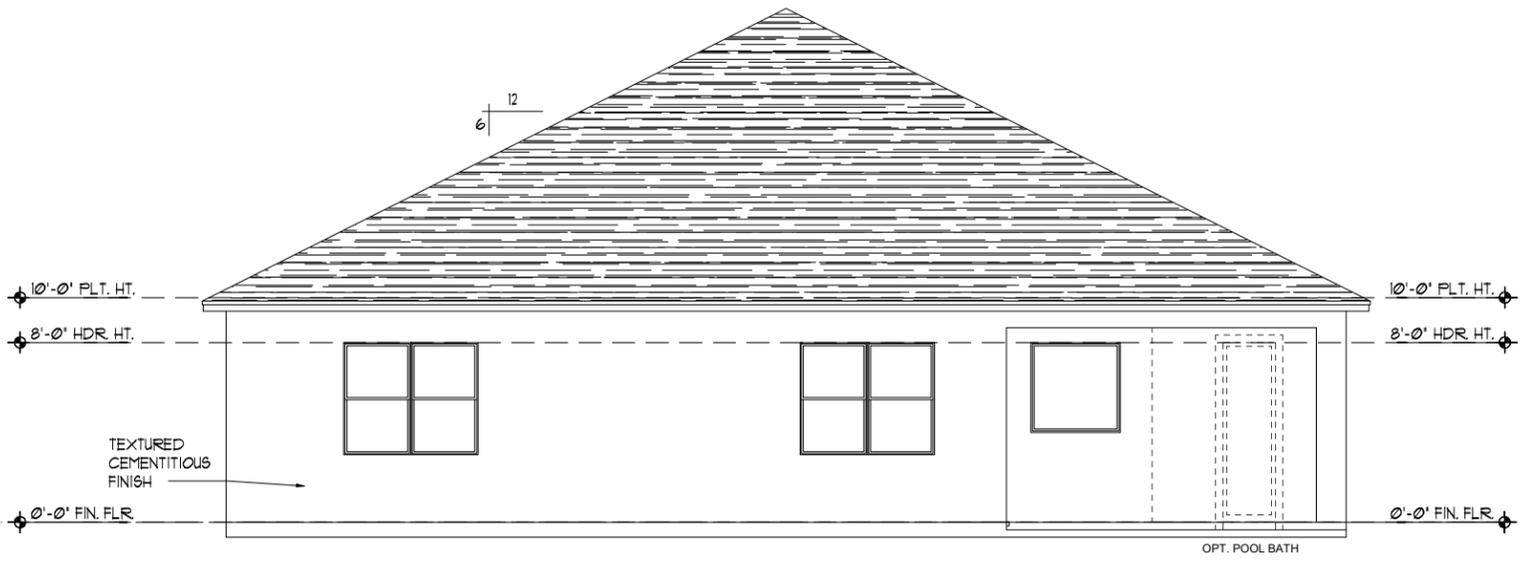
2681 RANIER  
PARK SERIES

REVISIONS	
DELTA #	DATE
DATE:	12-10-25
SCALE:	AS NOTED
DRAWN:	MU
SHEET:	

02.1



**ELEVATION A STD  
FRONT ELEVATION**  
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



**ELEVATION A STD  
REAR ELEVATION**  
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

- EXTERIOR FINISH NOTES**
1. LATH TO BE ATTACHED IAW R103.11 OF THE 8TH EDITION, FBC-R 2023 & ASTM C1063 OR C1101.
  2. PLASTERING TO BE INSTALLED IAW R103.1 & R103.12 OF THE 8TH EDITION, FBC-R 2023.
  3. WEEP SCREED TO BE INSTALLED IAW R103.12.1 OF THE 8TH EDITION, FBC-R 2023 & ASTM C926.
  4. WATER RESISTANT BARRIER TO BE INSTALLED IAW R103.2 & R103.13 OF THE 8TH EDITION, FBC-R 2023.
  5. FLASHING TO BE INSTALLED IAW R103.4 OF THE 8TH EDITION, FBC-R 2023.
  6. WIND RESISTANCE OF WALL COVERINGS & BACK MATERIALS SHALL BE IAW R103.12 OF THE 8TH EDITION, FBC-R 2023.
  7. ALL HORIZONTAL & VERTICAL CONTROL JOINTS SHALL BE INSTALLED IAW ASTM 1063.
  8. ALL FIBER CEMENT SIDING SHALL BE IAW R103.1 OF THE 8TH EDITION, FBC-R 2023.
  9. "ZIP SYSTEMS" WALL SHEATHING MAY BE USED AS AN ALTERNATIVE FOR WALL SHEATHING AND VAPOR BARRIER ON EXTERIOR FRAME WALLS.
  10. SEE GENERAL NOTES PAGE FOR ADDITIONAL INFORMATION.

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**Park Square HOMES**  
EXTERIOR ELEVATION  
FRONT AND REAR

2681 RANIER  
PARK SERIES

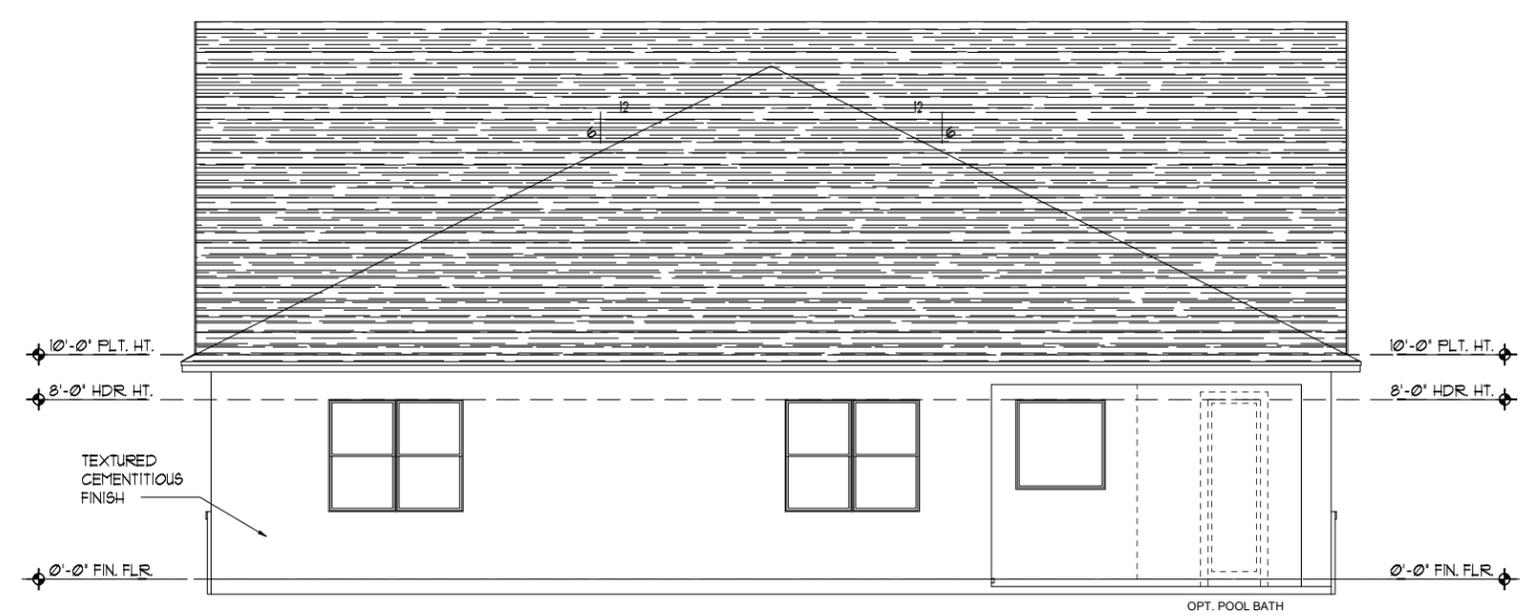
REVISIONS	
DELTA #	DATE
DATE:	12-10-25
SCALE:	AS NOTED
DRAWN:	MW
SHEET:	03.A

EXTERIOR FINISH NOTES

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2. PLASTERING TO BE INSTALLED IAW R103.1 & R103.12 OF THE 8TH EDITION, FBC-R 2023.
3. WEEP SCREED TO BE INSTALLED IAW R103.12.1 OF THE 8TH EDITION, FBC-R 2023 & ASTM C926.
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5. FLASHING TO BE INSTALLED IAW R103.4 OF THE 8TH EDITION, FBC-R 2023.
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8. ALL FIBER CEMENT SIDING SHALL BE IAW R103.1 OF THE 8TH EDITION, FBC-R 2023.
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10. SEE GENERAL NOTES PAGE FOR ADDITIONAL INFORMATION.



ELEVATION B STD  
FRONT ELEVATION  
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



ELEVATION B STD  
REAR ELEVATION  
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

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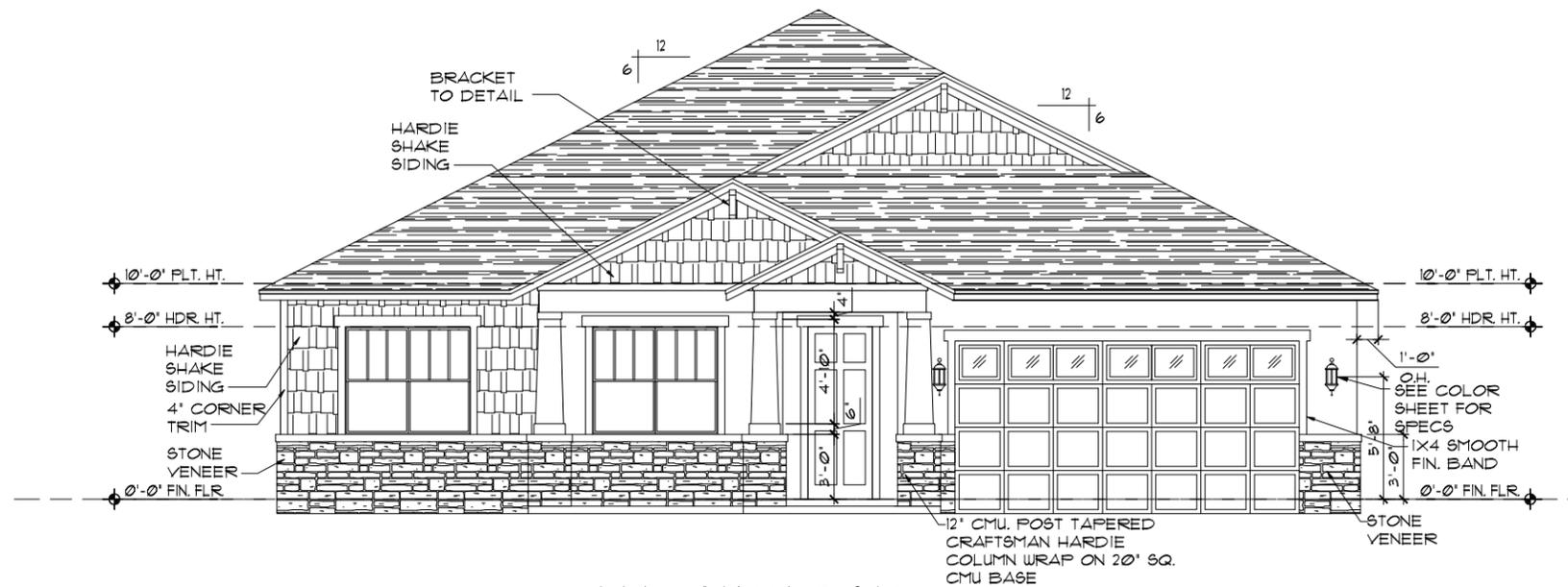


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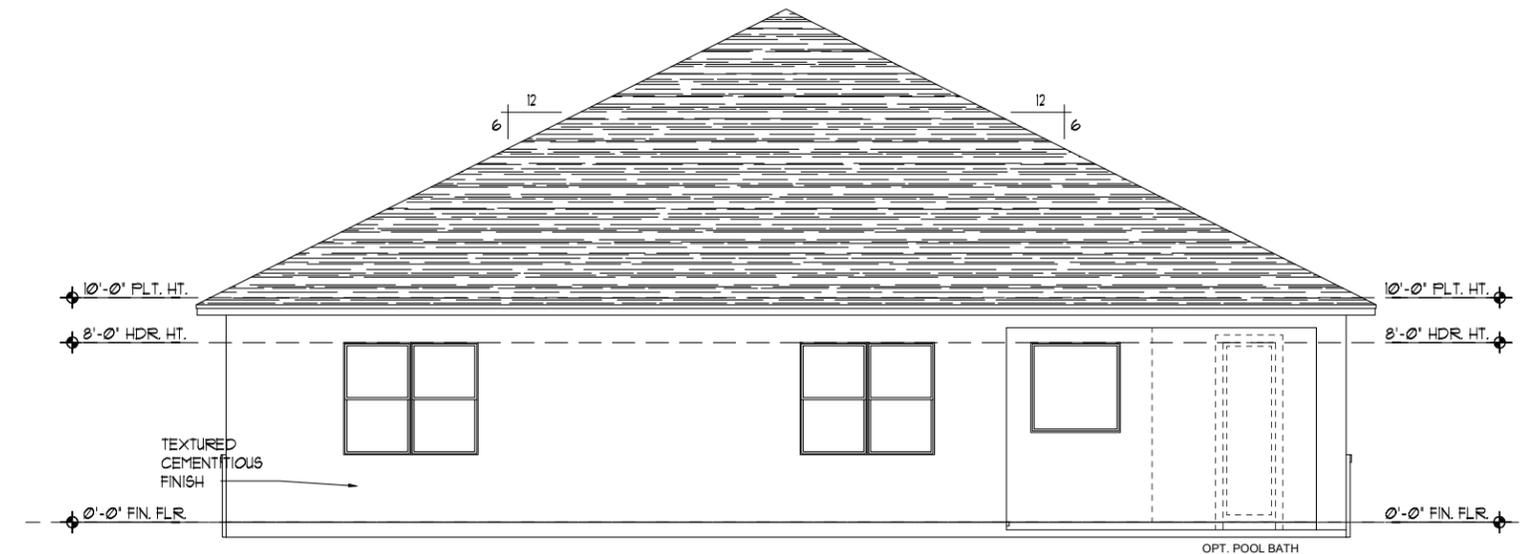
EXTERIOR ELEVATION  
FRONT AND REAR

2681 RANIER  
PARK SERIES

REVISIONS	
DELTA #	DATE
DATE:	12-10-25
SCALE:	AS NOTED
DRAWN:	MLW
SHEET:	03.B



**ELEVATION C STD  
FRONT ELEVATION**  
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



**ELEVATION C STD  
REAR ELEVATION**  
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

- EXTERIOR FINISH NOTES**
1. LATH TO BE ATTACHED IAW R103.11 OF THE 8TH EDITION, FBC-R 2023 & ASTM C1063 OR C1101.
  2. PLASTERING TO BE INSTALLED IAW R103.1 & R103.12 OF THE 8TH EDITION, FBC-R 2023.
  3. WEEP SCREED TO BE INSTALLED IAW R103.12.1 OF THE 8TH EDITION, FBC-R 2023 & ASTM C926.
  4. WATER RESISTANT BARRIER TO BE INSTALLED IAW R103.2 & R103.13 OF THE 8TH EDITION, FBC-R 2023.
  5. FLASHING TO BE INSTALLED IAW R103.4 OF THE 8TH EDITION, FBC-R 2023.
  6. WIND RESISTANCE OF WALL COVERINGS & BACK MATERIALS SHALL BE IAW R103.12 OF THE 8TH EDITION, FBC-R 2023.
  7. ALL HORIZONTAL & VERTICAL CONTROL JOINTS SHALL BE INSTALLED IAW ASTM 1063.
  8. ALL FIBER CEMENT SIDING SHALL BE IAW R103.1 OF THE 8TH EDITION, FBC-R 2023.
  9. "ZIP SYSTEMS" WALL SHEATHING MAY BE USED AS AN ALTERNATIVE FOR WALL SHEATHING AND VAPOR BARRIER ON EXTERIOR FRAME WALLS.
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Park Square  
HOMES

EXTERIOR ELEVATION  
FRONT AND REAR

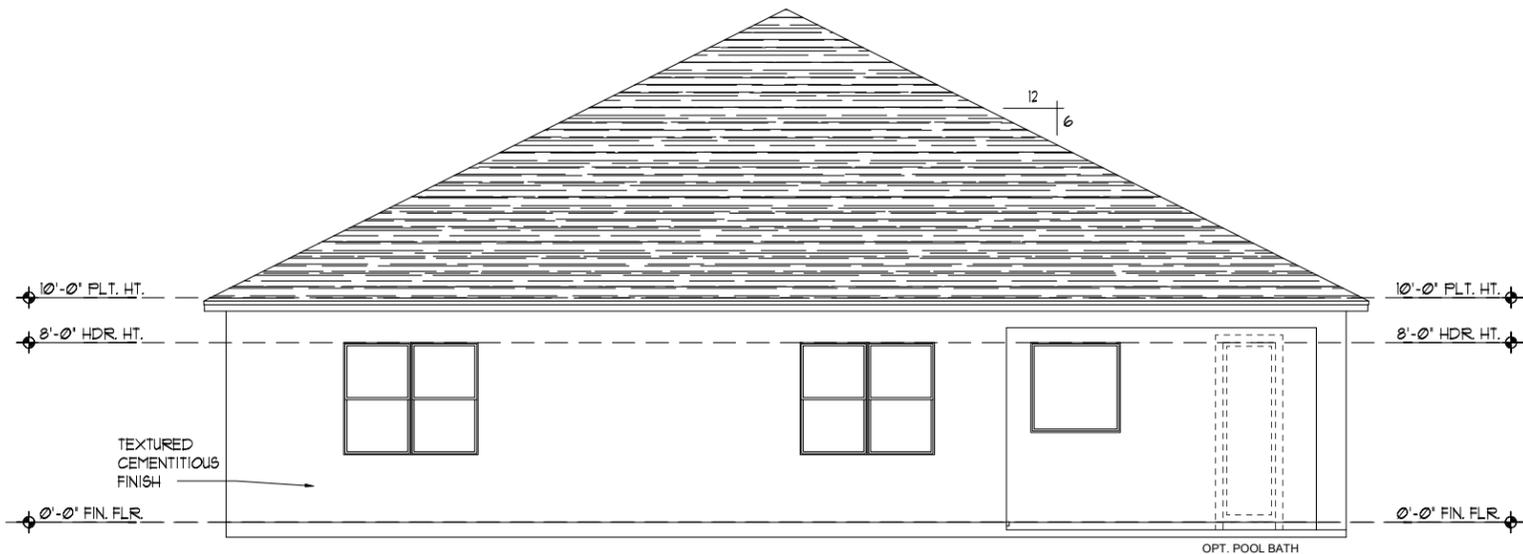
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2681 RANIER  
PARK SERIES

REVISIONS	
DELTA #	DATE
DATE: 12-10-25	
SCALE: AS NOTED	
DRAWN: MLW	
SHEET: 03.C	



**ELEVATION D STD  
FRONT ELEVATION**  
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



**ELEVATION D STD  
REAR ELEVATION**  
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

- EXTERIOR FINISH NOTES**
1. LATH TO BE ATTACHED IAW R103.11 OF THE 8TH EDITION, FBC-R 2023 & ASTM C1063 OR C1101.
  2. PLASTERING TO BE INSTALLED IAW R103.1 & R103.12 OF THE 8TH EDITION, FBC-R 2023.
  3. WEEP SCREED TO BE INSTALLED IAW R103.12.1 OF THE 8TH EDITION, FBC-R 2023 & ASTM C926.
  4. WATER RESISTANT BARRIER TO BE INSTALLED IAW R103.2 & R103.13 OF THE 8TH EDITION, FBC-R 2023.
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**EXTERIOR ELEVATION  
FRONT AND REAR**

**2681 RANIER  
PARK SERIES**

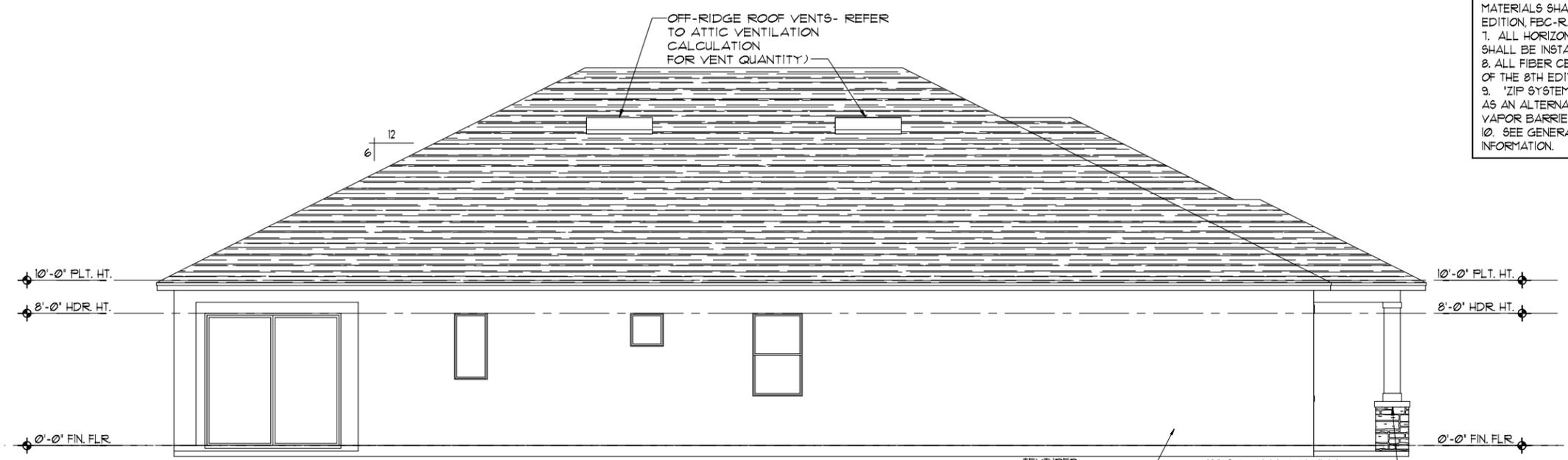
REVISIONS	
DELTA #	DATE

DATE: 12-10-25  
SCALE: AS NOTED  
DRAWN: MLW  
SHEET:

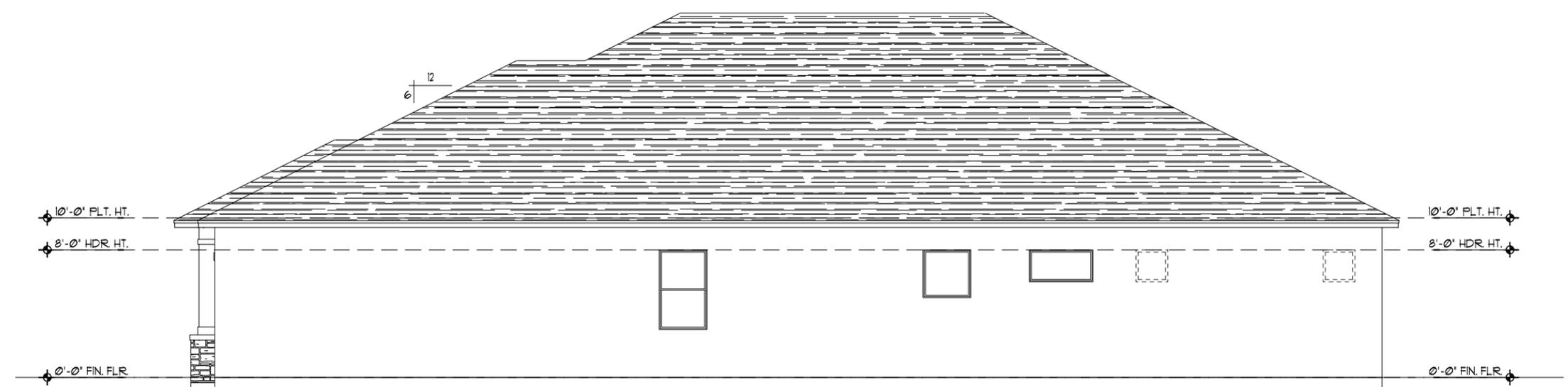
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**EXTERIOR FINISH NOTES**

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2. PLASTERING TO BE INSTALLED IAW R103.1 & R103.1.2 OF THE 8TH EDITION, FBC-R 2023
3. WEEP SCREED TO BE INSTALLED IAW R103.1.2.1 OF THE 8TH EDITION, FBC-R 2023 & ASTM C926.
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**ELEVATION A STD  
LEFT ELEVATION**  
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



**ELEVATION A STD  
RIGHT ELEVATION**  
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

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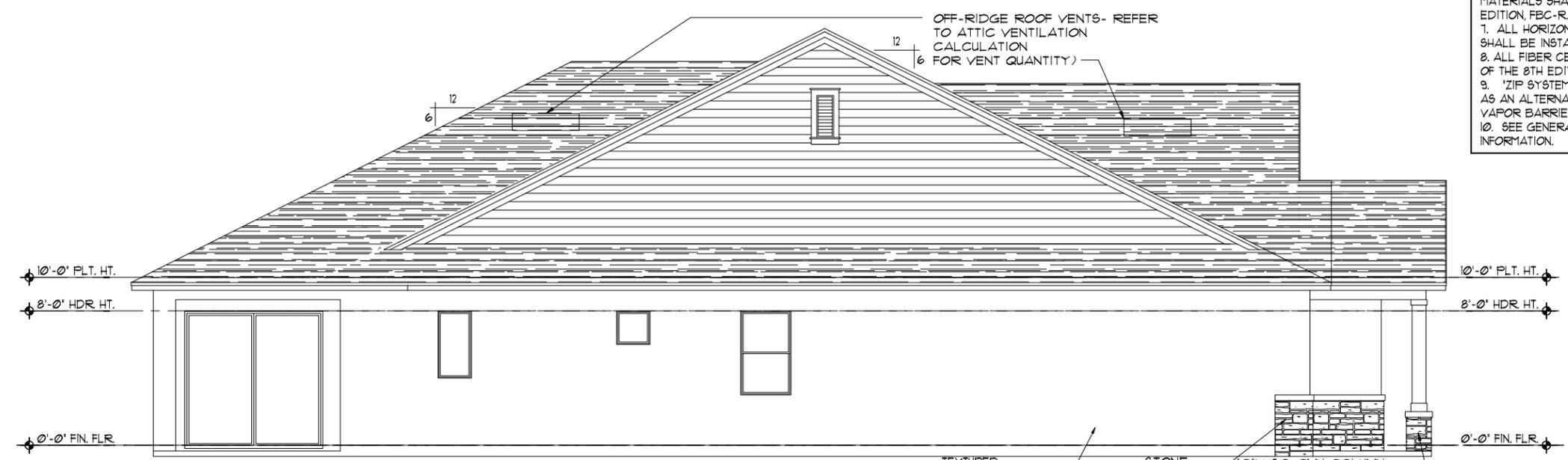
**EXTERIOR ELEVATION  
LEFT AND RIGHT**

**2681 RANIER  
PARK SERIES**

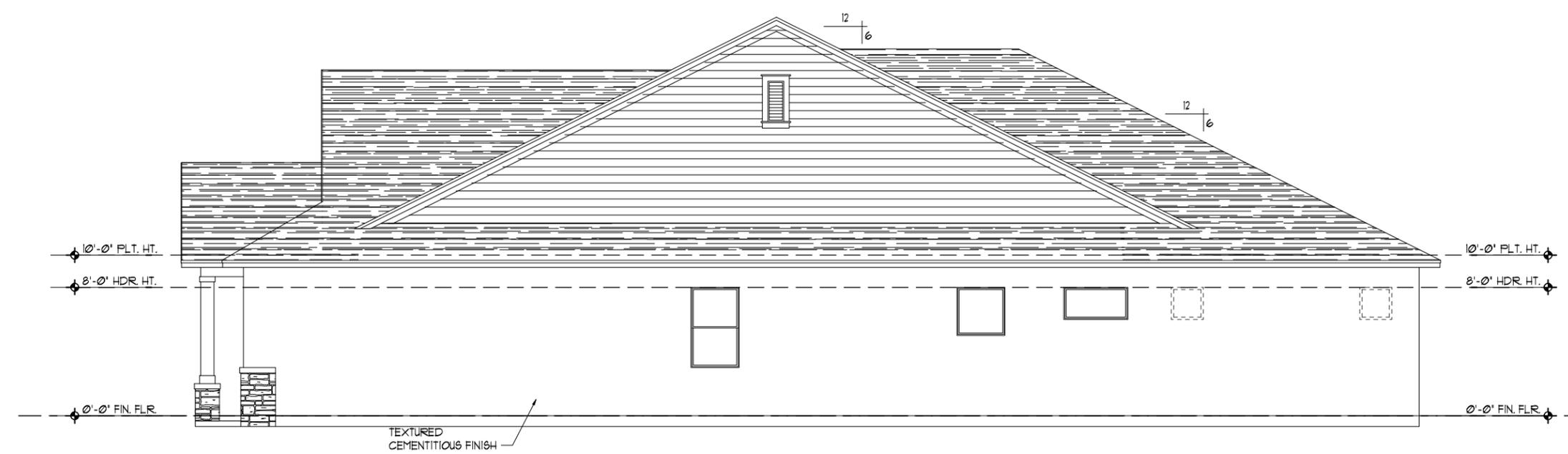
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DELTA #	DATE
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DRAWN:	MW
SHEET:	03.1A

**EXTERIOR FINISH NOTES**

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10. SEE GENERAL NOTES PAGE FOR ADDITIONAL INFORMATION.



**ELEVATION B STD  
LEFT ELEVATION**  
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



**ELEVATION B STD  
RIGHT ELEVATION**  
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

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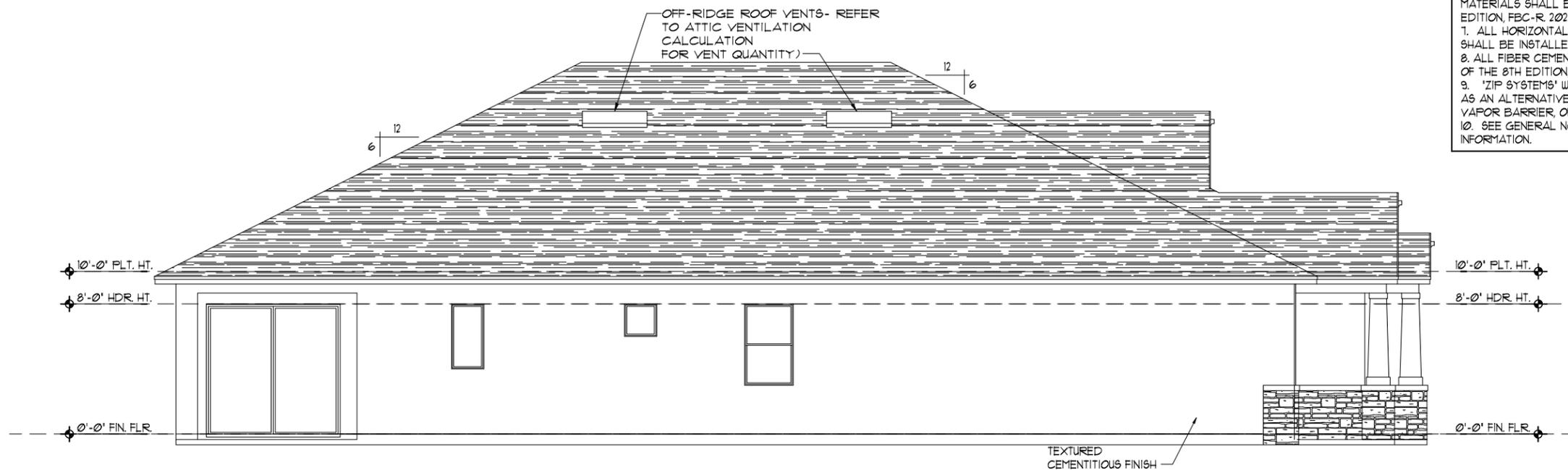
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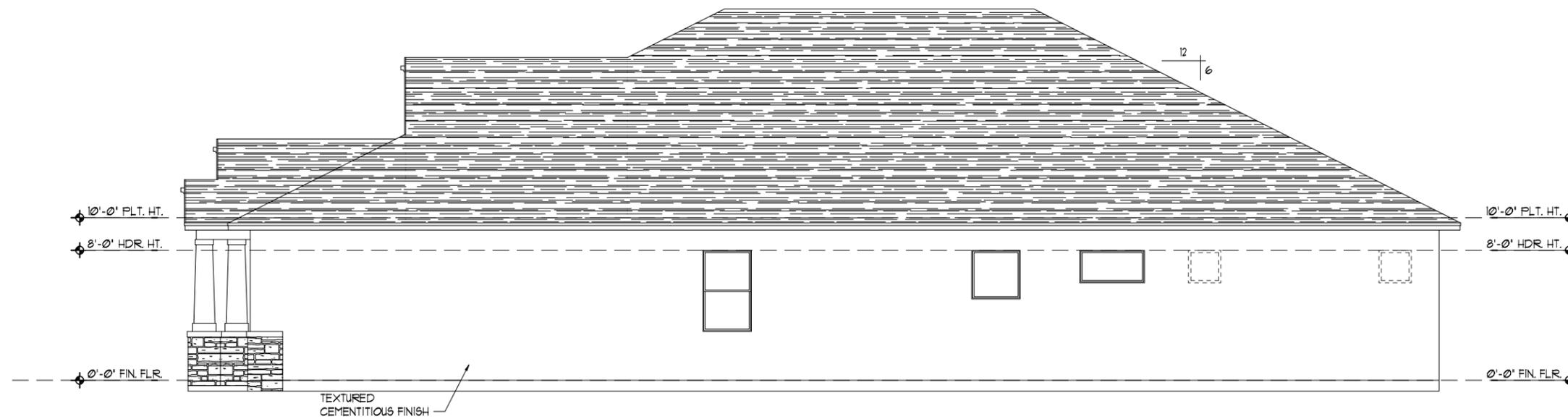
EXTERIOR ELEVATION  
LEFT AND RIGHT

2681 RANIER  
PARK SERIES

REVISIONS	
DELTA #	DATE
DATE:	12-10-25
SCALE:	AS NOTED
DRAWN:	MW
SHEET:	03.1B



ELEVATION C STD  
LEFT ELEVATION  
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



ELEVATION C STD  
RIGHT ELEVATION  
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

EXTERIOR FINISH NOTES

1. LATH TO BE ATTACHED IAW R103.11 OF THE 8TH EDITION, FBC-R 2023 & ASTM C1063 OR C1101.
2. PLASTERING TO BE INSTALLED IAW R103.1 & R103.12 OF THE 8TH EDITION, FBC-R 2023.
3. WEEP SCREED TO BE INSTALLED IAW R103.12.1 OF THE 8TH EDITION, FBC-R 2023 & ASTM C926.
4. WATER RESISTANT BARRIER TO BE INSTALLED IAW R103.2 & R103.13 OF THE 8TH EDITION, FBC-R 2023.
5. FLASHING TO BE INSTALLED IAW R103.4 OF THE 8TH EDITION, FBC-R 2023.
6. WIND RESISTANCE OF WALL COVERINGS & BACK MATERIALS SHALL BE IAW R103.12 OF THE 8TH EDITION, FBC-R 2023.
7. ALL HORIZONTAL & VERTICAL CONTROL JOINTS SHALL BE INSTALLED IAW ASTM 1063.
8. ALL FIBER CEMENT SIDING SHALL BE IAW R103.1 OF THE 8TH EDITION, FBC-R 2023.
9. 'ZIP SYSTEMS' WALL SHEATHING MAY BE USED AS AN ALTERNATIVE FOR WALL SHEATHING AND VAPOR BARRIER, ON EXTERIOR FRAME WALLS.
10. SEE GENERAL NOTES PAGE FOR ADDITIONAL INFORMATION.

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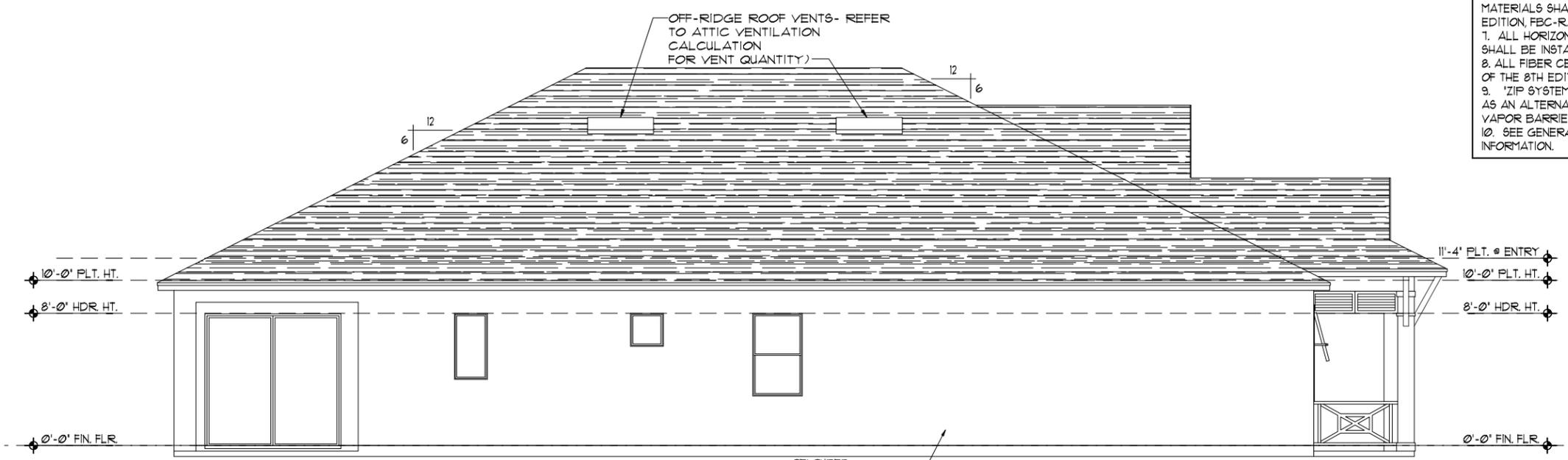
EXTERIOR ELEVATION  
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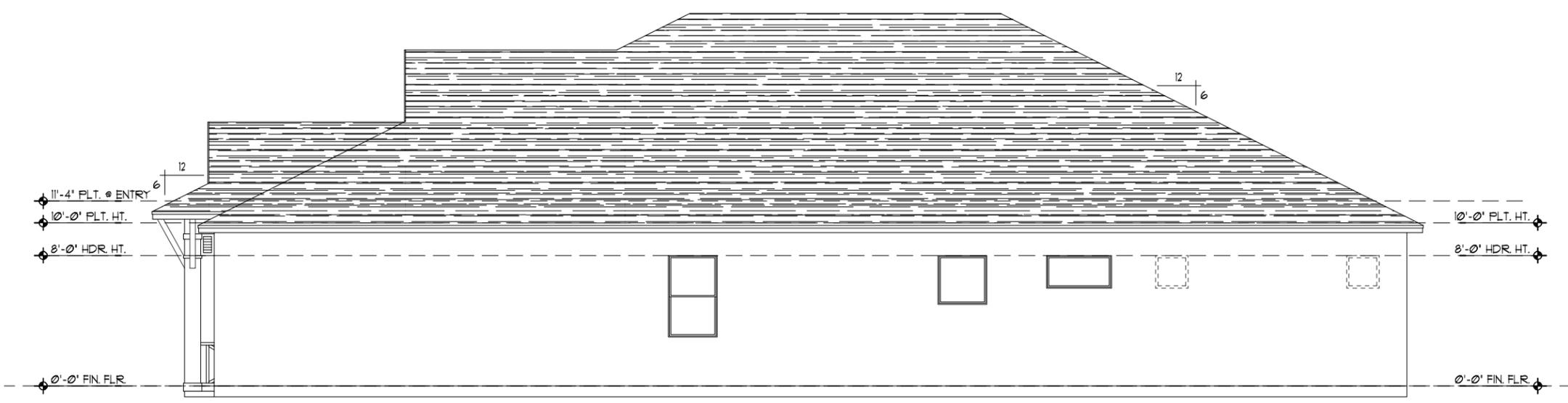
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EXTERIOR FINISH NOTES

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ELEVATION D STD  
LEFT ELEVATION  
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ELEVATION D STD  
RIGHT ELEVATION  
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

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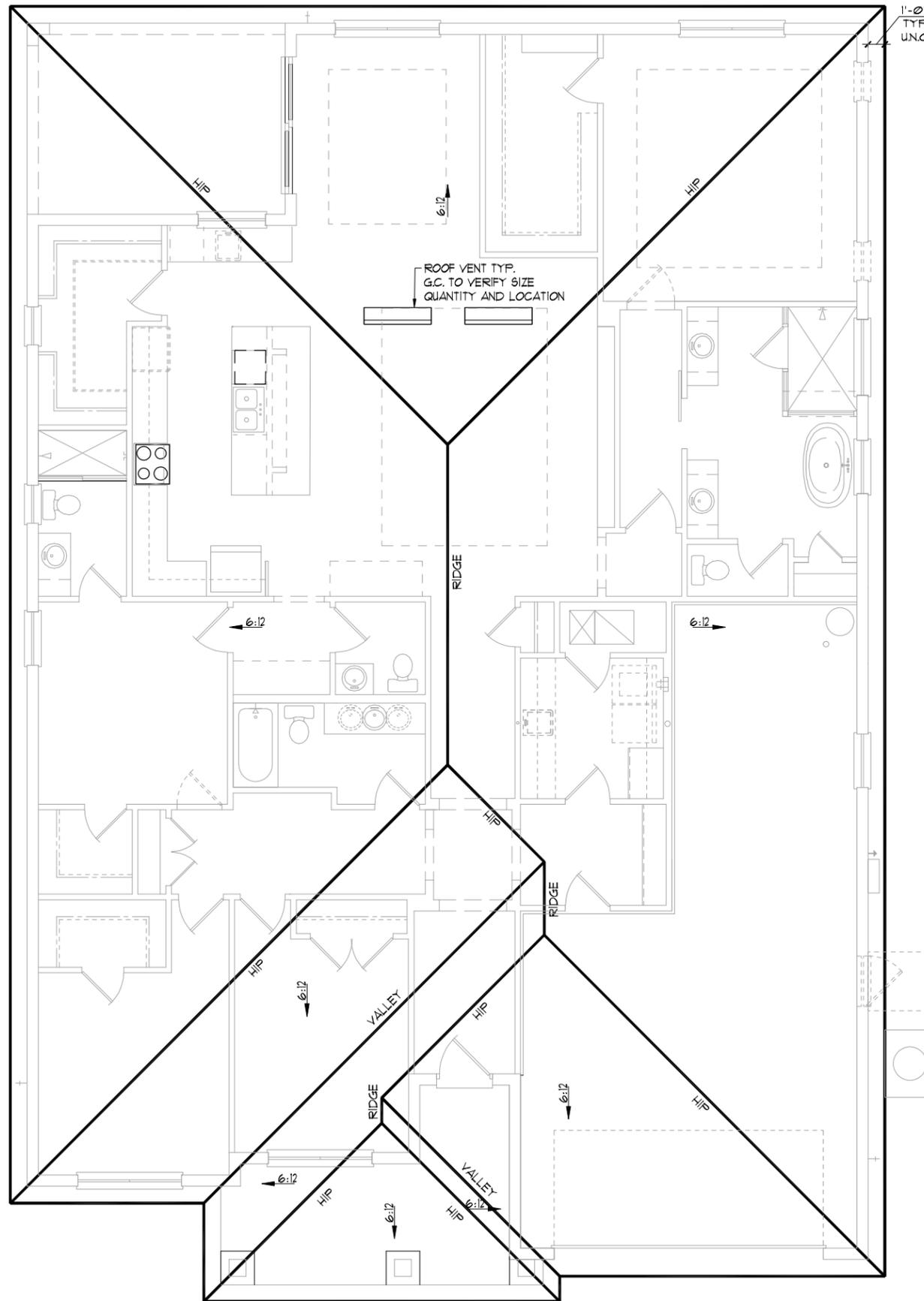
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EXTERIOR ELEVATION  
LEFT AND RIGHT

2681 RANIER  
PARK SERIES

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SHEET:	03.1D



GENERAL NOTES

ENCLOSED ATTIC SPACES AND ENCLOSED RAFTER SPACES FORMED WHERE CEILINGS ARE APPLIED DIRECTLY TO THE UNDERSIDE OF ROOF RAFTERS SHALL HAVE CROSS VENTILATION FOR EACH SEPARATE SPACE BY VENTILATING OPENINGS PROTECTED AGAINST THE ENTRANCE OF RAIN OR SNOW. MINIMUM NET FREE VENTILATING AREA SHALL NOT BE LESS THAN 1/50 OF THE AREA OF THE VENTED SPACE, (EXCEPT THAT THE REDUCTION OF THE TOTAL AREA TO 1/300 IS PERMITTED, PROVIDED THAT AT LEAST 40% AND NOT MORE THAN 50% OF THE REQUIRED VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE SPACE TO BE VENTILATED AT NO MORE THAN 3 FEET BELOW THE RIDGE OR HIGHEST POINT OF SPACE, MEASURED VERTICALLY, WITH THE BALANCE OF THE REQUIRED VENTILATION PROVIDED BY EAVE OR CORNICE VENTS.)

1. PLAN SHOWS APPROXIMATE VENT LOCATIONS AND STILL REQUIRES REVIEW BY THE BUILDER/G.C. TO VERIFY ALL VENTING COMPONENTS ARE INSTALLED PER THE MIN. REQUIREMENTS AS STATED IN THE CURRENT EDITION OF THE FBC(R) SECTION R306 AND ALL SUBSEQUENT SUB-SECTIONS.
2. WHERE EAVE OR CORNICE VENTS ARE INSTALLED, PROVIDE BAFFLES TO MAINTAIN A MIN. 1' AIRSPACE BETWEEN INSULATION AND ROOF SHEATHING AND AT THE LOCATION OF THE VENT.
3. VENTILATION OPENINGS SHALL HAVE A LEAST DIMENSIONS OF 1/16" MIN. AND 1/4" MAX. VENTILATION OPENINGS HAVING A LEAST DIMENSION GREATER THAN 1/4" SHALL BE PROVIDED WITH AN APPROVED CORROSION PROTECTIVE COVER HAVING A LEAST DIMENSIONS OF 1/16" AND 1/4" MAXIMUM.
4. ALL VENTS SHALL BE INSTALLED PER THE MANUFACTURER'S WRITTEN SPECIFICATIONS (FREE FROM BLOCKAGES AND/OR OBSTRUCTIONS) PROVIDING ADEQUATE CROSS VENTILATION.
5. THE BUILDER/ROOFING CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ALL CALCULATIONS AND QUANTITIES OF REQUIRED VENTILATORS PRIOR TO INSTALLATION.
6. ROOF PLAN DEPICTED IS NOT INTENDED TO SERVE AS A TRUSS DESIGN
7. SEE BUILDING SECTIONS, WALL SECTIONS & ELEVATIONS FOR BEARING HEIGHTS

CALCULATIONS BELOW ARE BASED OFF OF THE FOLLOWING ASSUMPTIONS:

OFF RIDGE VENTS TO HAVE A NET FREE VENTILATION AREA OF:

TILE:	O'HAGIN- MODEL 'S'	915 SQ. INCHES PER VENT INSTALLED
SHINGLE:	MILLENNIUM METALS- MMI-2	805 SQ. INCHES PER VENT INSTALLED
	LOMANCO-T10D	140 SQ. INCHES PER VENT INSTALLED

INDICATES POSSIBLE LOCATION OF OFF RIDGE VENTS

SOFFIT VENTILATION TO HAVE A NET FREE VENTILATION AREA OF 10 SQ. INCHES PER LINEAR FOOT

INDICATES POSSIBLE LOCATION OF SOFFIT VENTING

ATTIC VENTILATION CALCULATIONS

NET FREE VENTILATED AREA(S):  
(O'HAGIN- MODEL 'S')  
NFVA = XXXX SQ. FT \* 144 / 300 = XXXX-XXXX SQ. IN. REQUIRED (40%-50%)  
(X) OFF RIDGE VENTS @ 915 SQ. IN. (O'HAGIN- MODEL 'S') = XXX SQ. IN. PROVIDED

(MILLENNIUM METALS- MMI-2)  
NFVA = XXXX SQ. FT \* 144 / 300 = XXXX-XXXX SQ. IN. REQUIRED (40%-50%)  
(X) OFF RIDGE VENTS @ 805 SQ. IN. (MILLENNIUM METALS- MMI-2) = XXX SQ. IN. PROVIDED

(LOMANCO-T10D)  
NFVA = XXXX SQ. FT \* 144 / 300 = XXXX-XXXX SQ. IN. REQUIRED (40%-50%)  
(X) OFF RIDGE VENTS @ 140 SQ. IN. (LOMANCO-T10D) = XXX SQ. IN. PROVIDED

4/- 200 LINEAR FEET OF VENTED SOFFIT.

ELEVATION A STD  
ROOF PLAN  
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

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PARK SERIES

ROOF PLAN

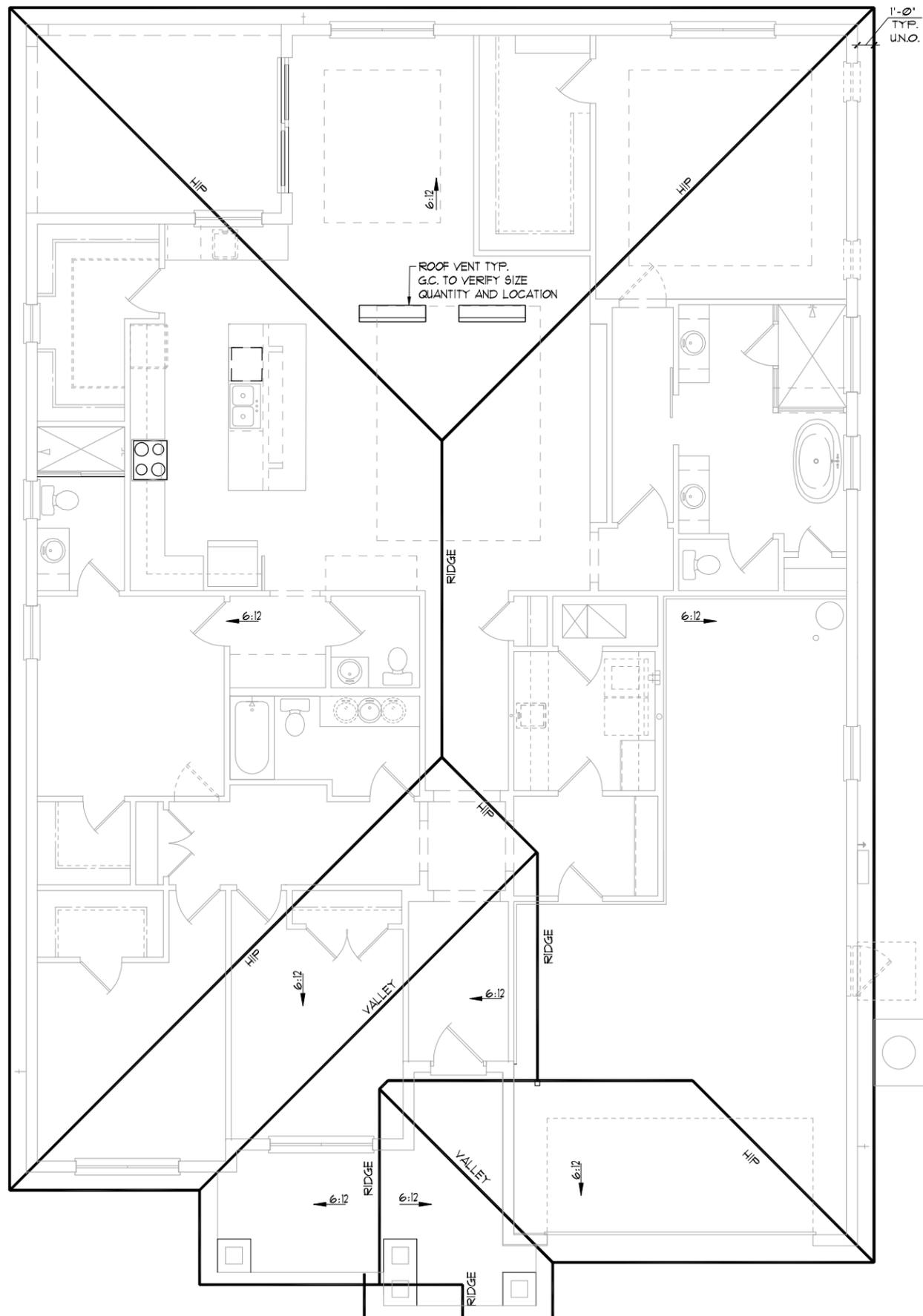
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SCALE:	AS NOTED
DRAWN:	MU
SHEET:	04.0





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(X) OFF RIDGE VENTS @ 140 SQ. IN. (LOMANCO-T10D) = XXX SQ. IN. PROVIDED

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**ELEVATION C STD  
ROOF PLAN**  
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

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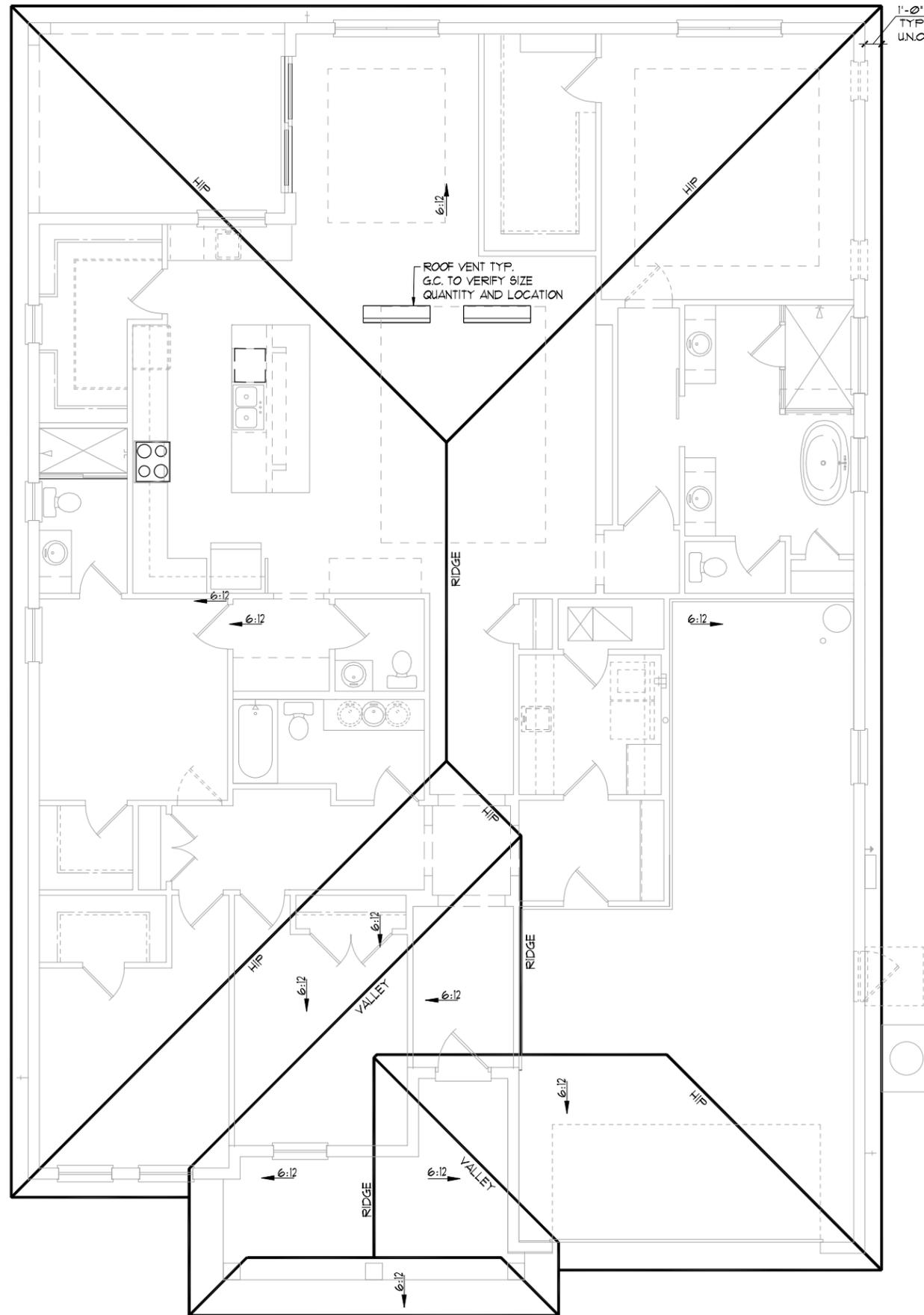
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DRAWN:	MU
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(LOMANCO-T10D)  
 $NFVA = XXXX \text{ SQ. FT} \cdot 144 / 300 = XXXX\text{-}XXXX \text{ SQ. IN. REQUIRED (40\%-50\%)}$

(X) OFF RIDGE VENTS @ 140 SQ. IN. (LOMANCO-T10D) = XXX SQ. IN. PROVIDED

+/- 200 LINEAR FEET OF VENTED SOFFIT.

ELEVATION D STD  
 ROOF PLAN

1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

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ROOF PLAN

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