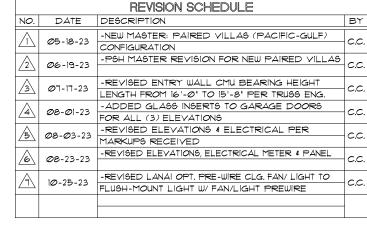
PARED VILLAS PACIFIC/GULF (BLDG. CC, CD, DD)

PAD SIZE: 60'-0" X 70'-0"





SHEET	INDEX:
00	COVER SHEET
00.1	GENERAL NOTES
01.CC	SLAB INTERFACE PLAN "PACIFIC-PACIFIC"
02.CC	FLOOR PLAN W/ NOTES "PACIFIC"
02.CC.1	FLOOR PLAN W/ DIMS. "PACIFIC"
03.CC	EXT. ELEVS FRONT/ REAR "PACIFIC-PACIFIC"
03.CC.1	EXT. ELEVS LEFT/ RIGHT "PACIFIC-PACIFIC"
04.CC	ROOF PLAN "PACIFIC-PACIFIC"
E1.CC	UTILITY PLAN "PACIFIC-PACIFIC"
AD1	DETAILS
S1.CC	FOUNDATION PLAN "PACIFIC-PACIFIC"
S2.CC	PRECAST LINTEL LAYOUT 'PACIFIC-PACIFIC'
S3.CC	TRUSS LAYOUT "PACIFIC"
D1	TYPICAL STRUCTURAL DETAILS
D2	TYPICAL STRUCTURAL DETAILS
D3	TYPICAL STRUCTURAL DETAILS
D4	TYPICAL STRUCTURAL DETAILS
D5	TYPICAL STRUCTURAL DETAILS
D6	SEPARATION WALL DETAIL

SHEET	INDEX:
00	COVER SHEET
00.1	GENERAL NOTES
01.CD	SLAB INTERFACE PLAN "PACIFIC-GULF"
02.CD	FLOOR PLAN W/ NOTES "PACIFIC-GULF"
02.CD.1	FLOOR PLAN W/ DIMS. "PACIFIC-GULF"
03.CD	EXT. ELEVS FRONT/ REAR "PACIFIC-GULF"
03.CD.1	EXT. ELEVS LEFT/ RIGHT "PACIFIC-GULF"
04.CD	ROOF PLAN "PACIFIC-GULF"
E1.CD	UTILITY PLAN "PACIFIC-GULF"
AD1	DETAILS
S1.CD	FOUNDATION PLAN "PACIFIC-GULF"
S2.CD	PRECAST LINTEL LAYOUT "PACIFIC-GULF"
S3.CD	TRUSS LAYOUT "PACIFIC-GULF"
D1	TYPICAL STRUCTURAL DETAILS
D2	TYPICAL STRUCTURAL DETAILS
D3	TYPICAL STRUCTURAL DETAILS
D4	TYPICAL STRUCTURAL DETAILS
D5	TYPICAL STRUCTURAL DETAILS
D6	SEPARATION WALL DETAIL

SHEET	INDEX:
00	COVER SHEET
00.1	GENERAL NOTES
01.DD	SLAB INTERFACE PLAN "GULF-GULF"
02.DD	FLOOR PLAN W/ NOTES "GULF-GULF"
02.DD.1	FLOOR PLAN W/ DIMS. "GULF-GULF"
03.DD	EXT. ELEVS FRONT/ REAR "GULF-GULF"
03.DD.1	EXT. ELEVS LEFT/ RIGHT "GULF-GULF"
04.DD	ROOF PLAN "GULF-GULF"
E1.DD	UTILITY PLAN "GULF-GULF"
AD1	DETAILS
S1.DD	FOUNDATION PLAN "GULF-GULF"
S2.DD	PRECAST LINTEL LAYOUT "GULF-GULF"
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D3	TYPICAL STRUCTURAL DETAILS
D4	TYPICAL STRUCTURAL DETAILS
D5	TYPICAL STRUCTURAL DETAILS
D6	SEPARATION WALL DETAIL

STRICTING THESE DOCUMENTS TO THE ORIGINAL SITE OR PURPOSE FOR WHICH THEY WERE PREPARED, REPRODUCTIONS, CHANGE

VILLAS

A DIVISION OF PAF

SHC-GULF, (GULF-GULF)

COVER SHEET

COVER SHEET

COVER SHEET

COMPANIENT

COMMUNITY

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REVISIONS

DELTA # DATE

DATE: XX-XX-24

SCALE: AS NOTED

SH25 WDW SIZE 63' H. X 37' W.

ШC

ШS

WATER CLOSET

WASHER SPACE

WEATHER PROOF

WATER SOFTENER

THE ANSI STANDARD FOR MEASURING HOUSES:

NATIONAL STANDARD Z765-1996 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:

AIR-CONDITIONED SPACE

NON-AIR-CONDITIONED SPACE (GARAGES, PATIOS, PORCHES BREE7FWAYS

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:

CONTRACTOR TO VERIFY ALL DIMENSIONS ON JOB SITE.

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.

PULL ALL DIMENSIONS FROM THE REAR OF PLAN

ALL FINISH FLOOR ELEVATIONS ARE TO TOP OF ROUGH SLAB OR TO TOP OF STRUCTURE UN.O.

ANCHOR THE CONDENSER UNIT TO SLAB PER CODE: M 1307.1 - M1307.2 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:

ASSUME ALL EXTERIOR WALLS TO BE LOAD BEARING.

SEE STRUCTURAL DRAWINGS FOR CMU WALL REINFORCEMENT LOCATIONS INTERIOR SURFACE OF CMU WALL TO HAVE 1/2" GPBD APPLIED TO IX P.T. VERTICAL FURRING BATTS SPACED @ 16" O.C. ATTACH FURRING TO CONCRETE

WALL AS REQUIRED. SECOND FLOOR EXTERIOR WALLS TO BE WOOD STUDS.

REFER TO DETAIL SHEETS FOR FLASHING REQUIREMENTS AT ALL WOOD TO MASONRY INTERFACES

REFER TO TYPICAL DETAIL SHEET FOR EXTERIOR WALL FINISH SPECIFICATIONS

ALL EXTERIOR CEILINGS (PORCH & PATIOS) SHALL HAVE SAG-RESISTANT GYP SOFFIT BOARD

INTERIOR WALLS:

ALL INTERIOR WALLS SHALL HAVE STANDARD 1/2" GYP BD, EXCEPT IN HIGH HUMIDITY & WET AREAS.

HIGH HUMIDITY & WET AREAS SHALL HAVE 1/2" DENSSHIELD TILE BACKER GYPSUM BOARD.

ALL INTERIOR CEILINGS SHALL HAVE PER EBCR 70235 1/2" SAG-RESISTANT GYP BD. INSTALL PERPENDICULAR TO FRAMING

TILE IN TUBS, SHOWERS, & WALL PANELS IN SHOWER AREAS ARE TO HAVE CEMENT, FIBER-CEMENT, OR GLASS MAT GYPSUM BACKERS R1023.1 / R102.42 2023 FBC-R 8TH EDITION.

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.

ALL PLATES & SLEEPERS ON CONCRETE SLAB, WHICH ARE IN DIRECT CONTACT WITH THE EARTH, SHALL BE PRESSURE TREATED.

ALL INTERIOR WALL PLATES, OTHER THAN SHEAR WALLS, ON CONC. SLAB TO BE ATTACHED W/ POWER ACTUATED FASTENERS, SPACED @ 48' O.C. MAX. ALL WOOD BRG. INTERIOR PARTITIONS SHALL BE 2X4 STUDS SPACED @ 16" O.C. WITH DOUBLE TOP PLATE, UN.O.

WOOD CONSTRUCTION SHALL CONFORM TO THE AMERICAN FOREST & PAPER ASSOCIATION (AF&PA) "NATIONAL SPECIFICATION FOR WOOD CONSTRUCTION', LATEST EDITION.

MEANS OF EGRESS:

WIDTH DIMENSION SHALL BE 20"

ESCAPE & RESCUE OPNG. SHALL

MIN. NET CLEAR OPNG. FOR

GRADE-FLOOR EMERGENCY

BE- 5 SQFT

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 18 INCHES IN HEIGHT MEASURED FROM THE TOP OF THE THRESHOLD TO THE BOTTOM OF THE STOP.

RAMPS SERVING EGRESS DOOR REQUIRED BY SECTION R3112 SHALL HAVE A SLOPE OF NOT MORE THAN I UNIT VERTICAL IN 12 UNITS HORIZONTAL (8.3 % SLOPE). ALL OTHER RAMPS SHALL HAVE A MAXIMUM SLOPE OF I UNIT VERTICAL IN 8 UNITS HORIZONTAL (12.5% SLOPE)

THE WIDTH OF A HALLWAY SHALL BE NOT LESS THAN 36 INCHES MEASURED FROM FINISHED MATERIALS.

WINDOWS DESIGNATED AS EGRESS SHALL COMPLY WITH SECTION R310.2 ALL EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL HAVE THE BOTTOM OF THE CLEAR OPENING NOT MORE THAN 44"MIN. A.F.F.- R3102 -

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 72' FINISHED GRADE MUST COMPLY WITH FBCR 312.2

TERMITE PROTECTION:

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 ØØIØ 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

PROTECTION AGAINST DECAY & TERMITES. - CONDENSATE LINES, RRIGATION 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:

WINDOW & DOOR SUPPLIERS SHALL PROVIDE CURRENT ROUGH OPENING INFORMATION WHICH, SHALL HAVE PRECEDENCE OVER THE WINDOW & DOOR SCHEDULES ON PLAN

CONTRACTOR & SUPPLIER TO VERIFY WINDOW LOCATION, TYPE (FIN VS. FLANGE), HEADER HEIGHTS, & ROUGH OPENINGS PRIOR TO DELIVERY WINDOWS & DOORS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS

ALL GLASS LOCATED IN HAZARDOUS LOCATIONS SHALL BE TEMPERED 4 FBC, OR AS APPLICABLE. COMPLY WITH SECTION R308 OF THE 2023 FBC-R 8TH EDITION WINDOW CONTRACTOR TO VERIFY ROUGH OPENINGS OF ALL FIELD

ASSEMBLED FIXED GLASS WINDOW UNITS PRIOR TO INSTALLATION. WINDOW ROUGH OPENING INCLUDES IX PT FRAME ATTACHED TO CMU'S DOOR ROUGH OPENING INCLUDES 2X P.T. FRAME ATTACHED TO CMU'S.

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.

WINDOW & DOOR ASSEMBLIES TO CONFORM TO 2023 FBC-R CHAPTER 6, SECTION 609. INTERIOR FACE OF WINDOW, FASTEN BUCK TO MASONRY W/ 1/4" \times 3' TAPCONS, 6' FROM EDGES & 16' O.C. MAX. 2X P.T. BUCKS/NAILERS SHALL EXTEND BEYOND

BUCKS LESS THAN 2X TO BE FASTENED W/ CUT NAILS OR EQUIVALENT. STRUCTURAL CONNECTION OF WINDOW TO STRUCTURE BY OTHERS IN THIS CASE.

EXTERIOR WINDOWS & SLIDING DOORS SHALL BE TESTED & COMPLY WITH AAMA/WDMA/CSA 101/1.5.2/A440 OR TAS 202 (HVHZ SHALL COMPLY WITH TAS 202 AND ASTM EI300). EXTERIOR SIDE HINGED DOORS SHALL COMPLY WITH AAMA/WDMA/CSA 101/1.5.2/A440 OR ANSI/WMA100 OR SECTION R609.5 IN THE 2023 FBC-R.

ALL GARAGE/OVERHEAD DOORS SHALL BE LISTED & TESTED FOR 30 SECONDS AT DESIGN PRESSURE (+/-) TO INCLUDE A 10 SECOND GUST AT 1.5 TIMES THE DESIGN PRESSURE.

ROOFING

THE ROOF PLAN DEPICTED IS NOT INTENDED TO SERVE AS A TRUSS DESIGN.

SEE BUILDING SECTIONS, WALL SECTIONS & ELEVATIONS FOR BEARING HEIGHT6

12" OVERHANG UN.O./ PLUMB CUT FASCIA/ ROOF PITCH PER ELEVATION/ SHINGLES UN O

4. FLASHING SHALL BE INSTALLED AT WALL & ROOF INTERSECTIONS, AT GUTTERS, AT ALL CHANGES IN ROOF SLOPE OR DIRECTION, & AROUND ROOF

STEP FLASHING SHALL BE USED ON ALL ROOF TO WALL INTERSECTIONS ON RAKES

ALL PENETRATIONS THROUGH ROOF ARE TO BE LOCATED ON REAR OR NECESSARY ON THE SIDE OF THE ROOF BEHIND THE FRONT FACADE ZONE. CLAY & CONCRETE TILE (IF APPLICABLE):

I. PER FBC-R 2023 8TH EDITION R905.3, 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 YASD IS DETERMINED IN ACCORDANCE WITH SECTION R3Ø12.1.3.

II UNI ESS 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 R3Ø12.1.3. ASPHALT SHINGLES (IF APPLICABLE):

I. WIND RESISTANCE OF ASPHALT SHINGLES. - ASPHALT SHINGLES SHALL BE INSTALLED IN ACCORDANCE WITH 2023 FBC-R (8TH EDITION), SECTION R90526 AND R90526.

II. ASPHALT SHINGLES SHALL ONLY BE USED ON ROOF SLOPES OF TWO UNITS VERTICAL IN 12 UNITS HORIZONTAL (2:12) OR GREATER. FOR ROOF BLOPES 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 ASTMID8251 IS REQUIRED IN ACCORDANCE WITH SECTION. R905.1.1. 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 R90511

III. AS AN ALTERNATIVE. THE ENTIRE ROOF DECK SHALL BE COVERED WITH AN APPROVED SELF-ADHERING POLYMER MODIFIED BITUMEN UNDERLAYMENT COMPLYING WITH ASTM D1970 INSTALLED IN ACCORDANCE WITH BOTH THE UNDERLAYMENT MANUFACTURER'S & ROOF COVERING MANUFACTURER'S INSTALL ATION INSTRUCTIONS FOR THE DECK MATERIAL ROOF VENTILATION CONFIGURATION & CLIMATE EXPOSURE FOR THE ROOF COVERING TO BE INSTALLED. REFER TO R905.1.1.1.

INSULATION:

INSULATE ALL EXTERIOR FRAME WALLS WITH R-13 BATT FIBERGLASS INSULATION.

INSULATE CONDITIONED ATTIC SPACE WITH R-30 BLOWN FIBERGLASS INACCESSIBLE ATTIC SPACE SHALL RECEIVE R-30 BATT INSULATION. INSULATE ALL CMU WALLS (THAT REQUIRE I' P.T. FURRING STRIPS)

WITH R4.1 FI-FOIL PANELS. APPLY HILTI FOAM FILLER AT EXTERIOR WALLS AROUND: WINDOW FRAMES, EXTERIOR DOOR FRAMES, GAPS AROUND PIPES, VENTS, OUTLETS, ETC.

INSULATE ALL ATTIC KNEE WALLS WITH R-38 BATTS

APPLY OWENS CORNING ENERGY COMPLETE TO THE TOP OF ALL CONDITIONED SPACE WALLS THAT INTERACT WITH UNCONDITIONED ATTIC SPACE ABOVE.

CABINET MANUFACTURE'S SHOP DRAWINGS TAKE PRECEDENCE OVER THE INTERIOR CABINET ELEVATIONS SHOWN ON THESE DRAWINGS. SEE SUPPLIER / MFR'S DRAWINGS FOR KITCHEN,

CABINETRY/MILLWORK & RESTROOM LAYOUTS.

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

PROVIDE RECESS HOT & COLD WATER WITH DRAIN @ WASHER SPACE PROVIDE COLD WATER LINE FOR ICE MAKER LINE @ REF. SPACE.

VENT DRYER THRU ROOF, NO VENT STACKS SHALL PENETRATE THROUGH ROOF CRICKETS, VALLEYS, OR RIDGES. BUILDER SHALL VERIFY APPROVE ALL LOCATIONS.

ELECRICAL:

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.

IAW NEC 2020- 406.12, ALL 15A AND 20A, 125V RECEPTACLES SHALL BE LISTED AS TAMPER RESISTANT.

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.

ALL OUTLETS IN BATHROOMS, KITCHEN, GARAGES & LAUNDRY ROOM SHALL BE GECL

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

ALL ELECTRICAL WORK TO BE DONE PER NFPATØ-NEC 2020 ADDITIONAL ELECTRODE MAY BE REQUIRED IN ACCORDANCE WITH NEC 25@53(A)(2)

ALL DWELLING UNIT RECEPTACLE WILL BE IN ACCORDANCE WITH NFPATØ-NEC2020 - ARTICLE 210-52

I. EQUIPMENT LOCATIONS TO BE FIELD VERIFIED & MAY VARY DEPENDANT UPON COMMUNITY & MUNICIPALITY CODES. COMPLETE DUCT DESIGN W/ SIZES & R-VALUE COMPLYING W/ THE

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION 610.1 APPLIANCES SHALL BE ACESSIBLE FOR INSPECTION, SERVICE

REPAIR & REPLACEMENT WITHOUT REMOVING PERMANENT CONSTRUCTION. A) CHAPTER 13 OF THE FBC-R 2023 8TH EDITION, SECTION MI305.1

AIR CONDITIONING SYSTEM SHALL BE COMPLETELY BALANCED, ALL ROOMS ISOLATED FROM THE RETURN AIR SHALL BE PROVIDED WITH MEANS TO COMPLY WITH SECTION MIGO? OF THE EBC-R 2023 8TH EDITION 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 P2801.7 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. THE MAXIMUM ALLOWABLE EXHAUST DUCT LENGTH SHALL BE DETERMINED BY ONE OF THE METHODS SPECIFIED IN SECTIONS MIS02.4.5.1 THROUGH M1502.4.5.3

SEE STAIR SECTIONS FOR TREAD & RISER GENERAL REQUIREMENTS. ACCESSIBLE SPACE UNDER STAIRS SHALL BE PROTECTED BY 1/2" GYPSUM BOARD.

HANDRAIL CONTINUITY PER R311.1.82.- 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"(38MM) BETWEEN THE WALL & THE HANDRAIL.

CHAPTER 45 PRIVATE SWIMMING POOLS - OUTDOOR SWIMMING POOLS SHALL BE PROVIDED WITH A BARRIER COMPLYING W/ R4501.17.1. THROUGH R405117114

FIC-GULF), (GULF-GULF)

ACIFIC-PACIFIC)

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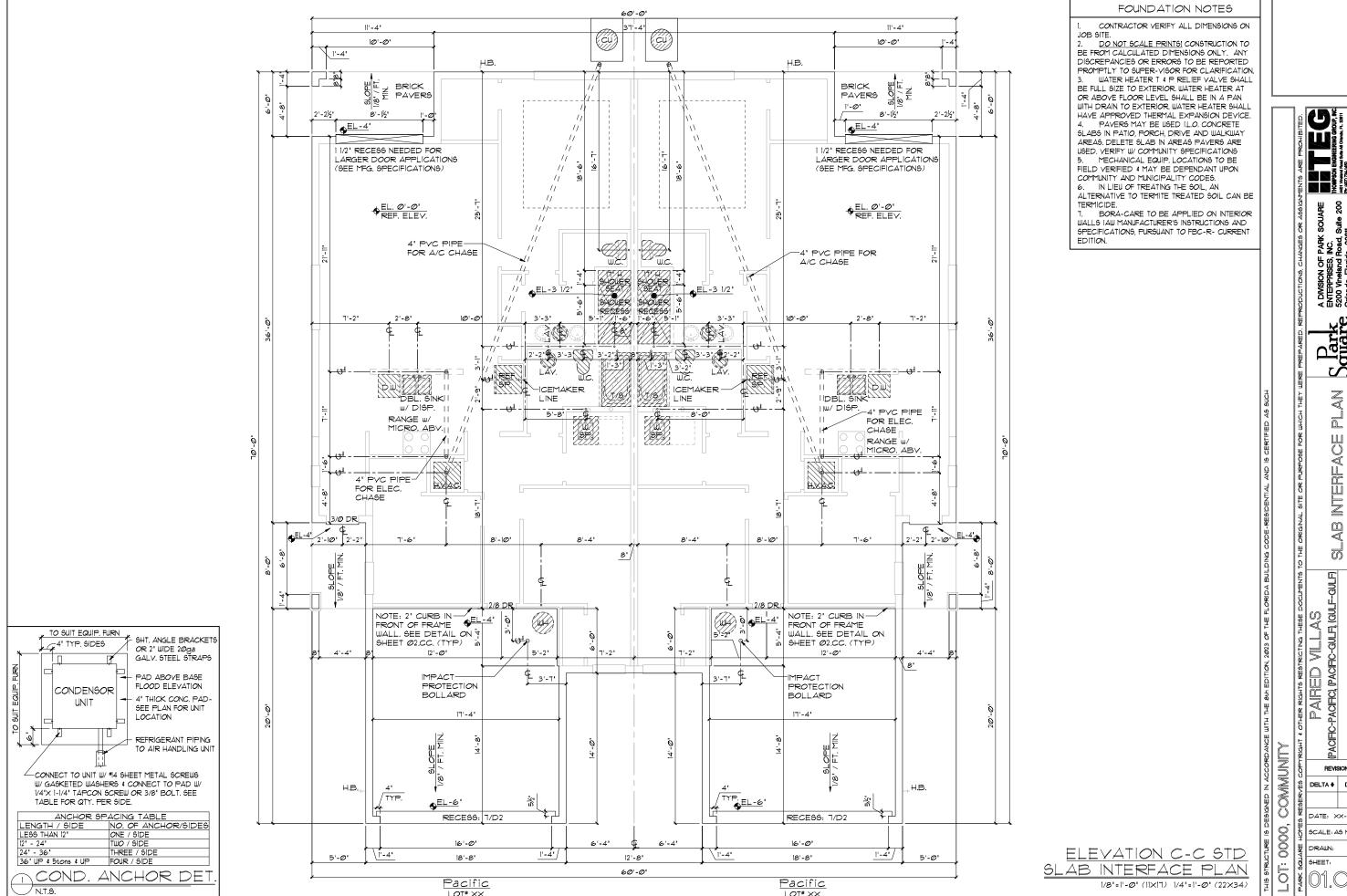
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DISCLAIMER: CONTRACTOR/SUB-CONTRACTOR IS RESPONSIBLE TO REVIEW ALL. INFORMATION CONTAINED HEREIN PRIOR TO CONSTRUCTION. PARK SQUARE HOMES IS NOT RESPONSIBLE FOR ANY MISHITERPRETATIONS, ERRORS, OMISSIONS OR CUSTOM CHANGES MISSED AND NOT REPORTED PRIOR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



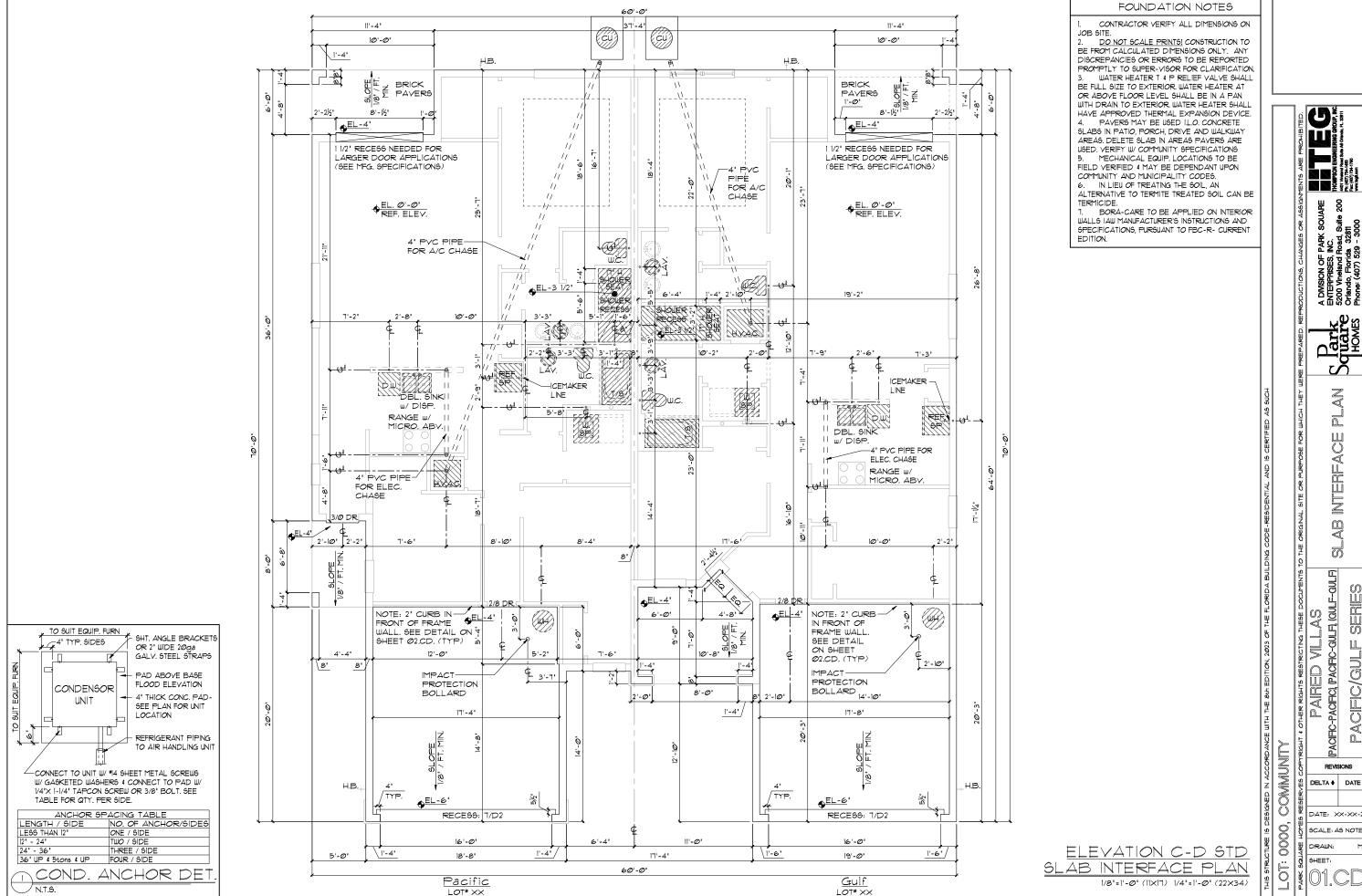
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REVISIONS DELTA # DATE

DATE: XX-XX-2 SCALE: AS NOTED

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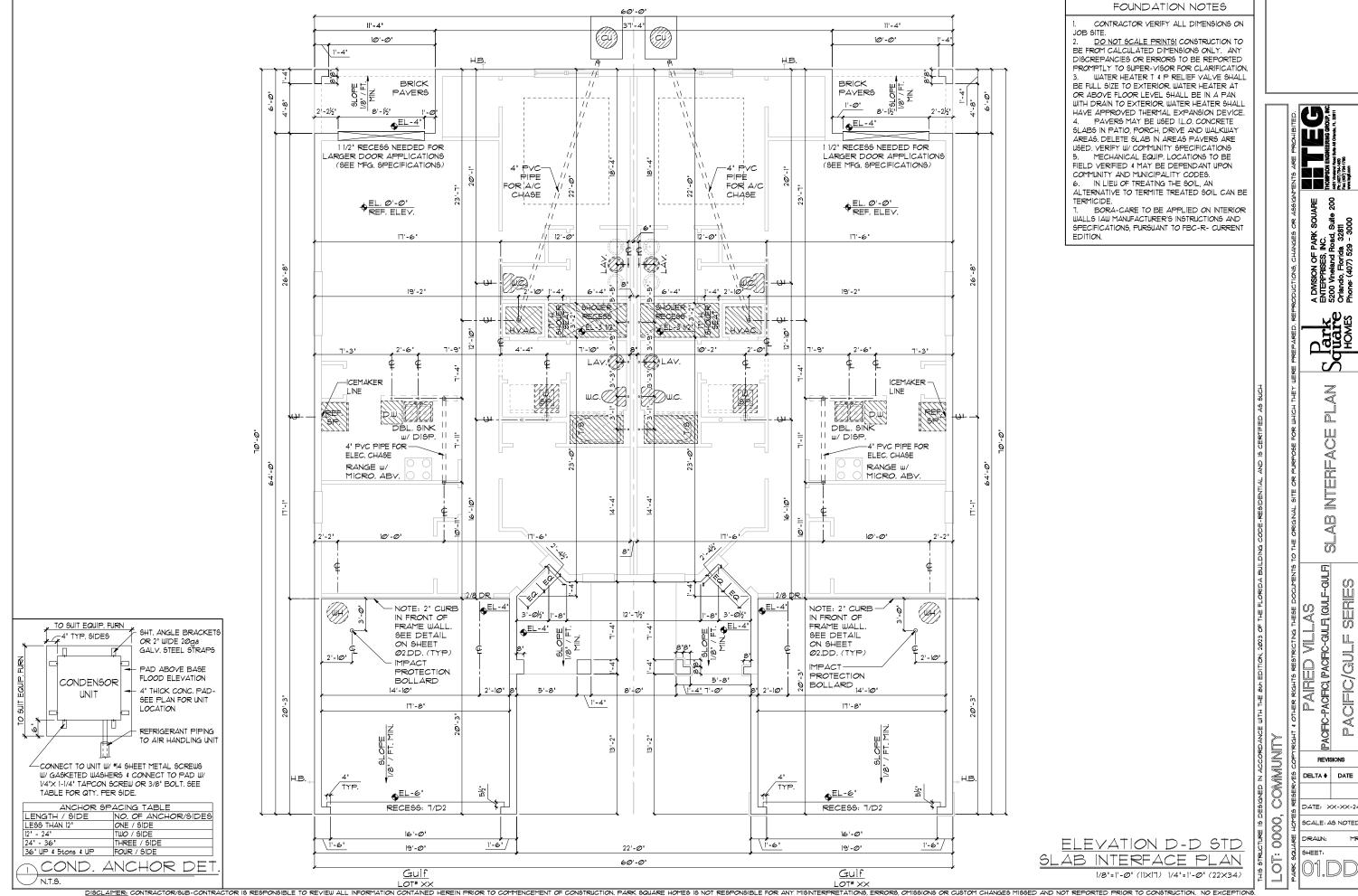


ACIFIC/GULF

DATE: XX-XX-2 SCALE: AS NOTED

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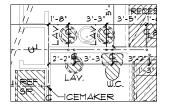
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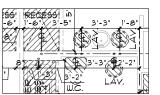
2. DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPER-VISOR FOR CLARIFICATION. WATER HEATER T & P RELIEF VALVE SHALL BE FULL SIZE TO EXTERIOR, WATER HEATER AT OR ABOVE FLOOR LEVEL SHALL BE IN A PAN WITH DRAIN TO EXTERIOR. WATER HEATER SHALL HAVE APPROVED THERMAL EXPANSION DEVICE.

PAVERS MAY BE USED IL.O. CONCRETE SLABS IN PATIO, PORCH, DRIVE AND WALKWAY AREAS, DELETE SLAB IN AREAS PAVERS ARE USED. VERIFY W/ COMMUNITY SPECIFICATIONS MECHANICAL EQUIP. LOCATIONS TO BE FIELD VERIFIED & MAY BE DEPENDANT UPON COMMUNITY AND MUNICIPALITY CODES. 6. IN LIEU OF TREATING THE SOIL, AN ALTERNATIVE TO TERMITE TREATED SOIL CAN BE

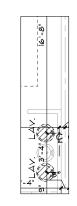
TERMICIDE. BORA-CARE TO BE APPLIED ON INTERIOR WALLS IAW MANUFACTURER'S INSTRUCTIONS AND SPECIFICATIONS, PURSUANT TO FBC-R- CURRENT EDITION.



OPT DUAL LAYS @ MA. BATH - PACIFIC LH



OPT DUAL LAVS @ MA. BATH - PACIFIC RH



OPT DUAL LAVS @ MA. BATH - GULF LH



OPT DUAL LAVS @ MA, BATH - GULF RH

> <u>OPTIONS</u> SLAB INTERFACE PLAN |/8"=|'-Ø" (||X|7) |/4"=|'-Ø" (22×34)

0000

COMMUNITY

NOTES

A DWISION OF PARK SOUARE ENTERPRISES, INC. 5200 Vineland Road, Suite 200 Orlando, Florida, 32811 Phone: (407) 529 - 3000

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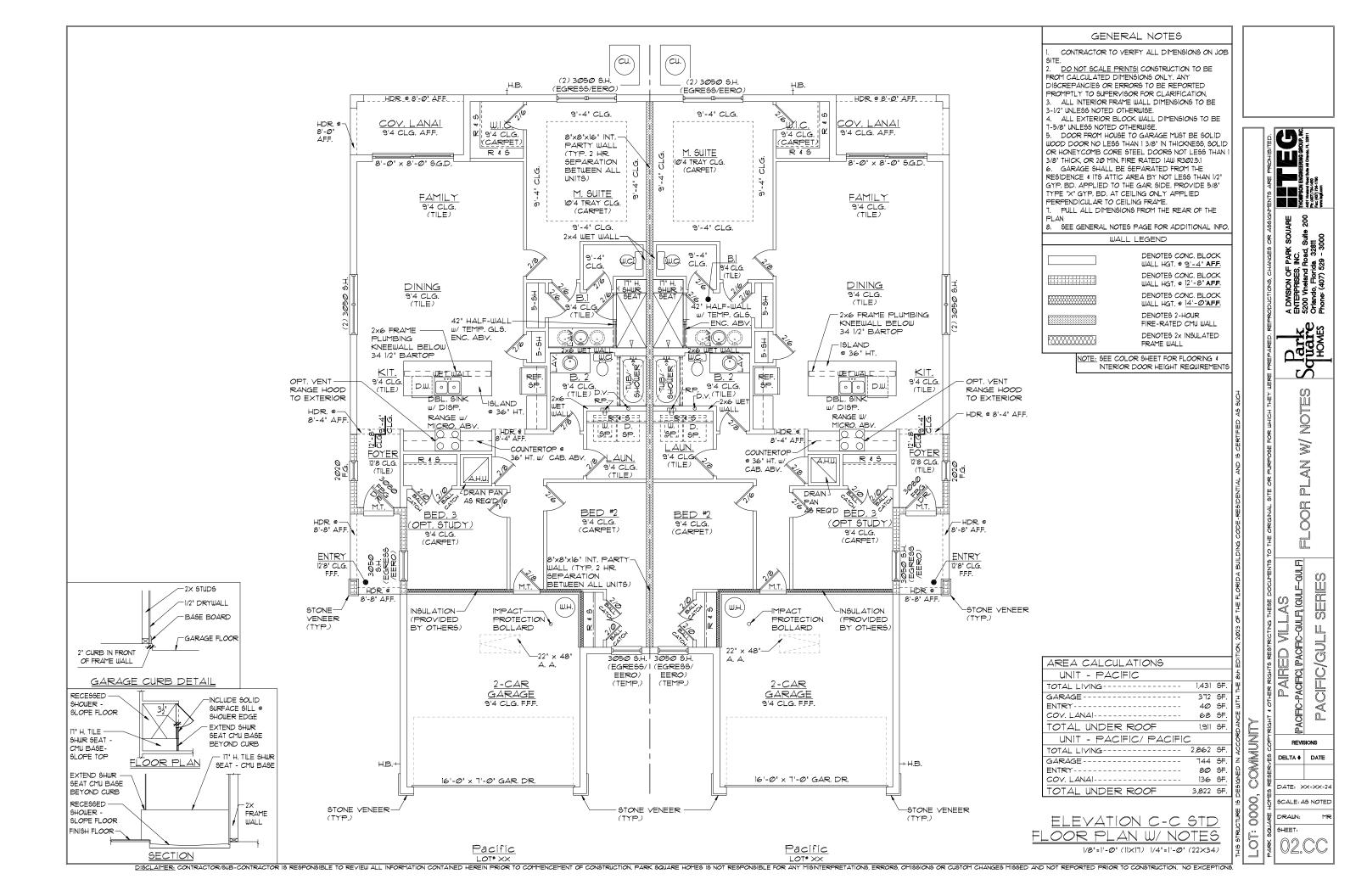
RIGHT 4 OTHER RIGHTS RESTRICTING THESE DOCUMENTS
PAIRED VILLAS
[PACFIC-PACFIC] [PACFIC-GULF] (GULF-GULF) SERIES PACIFIC/GULF

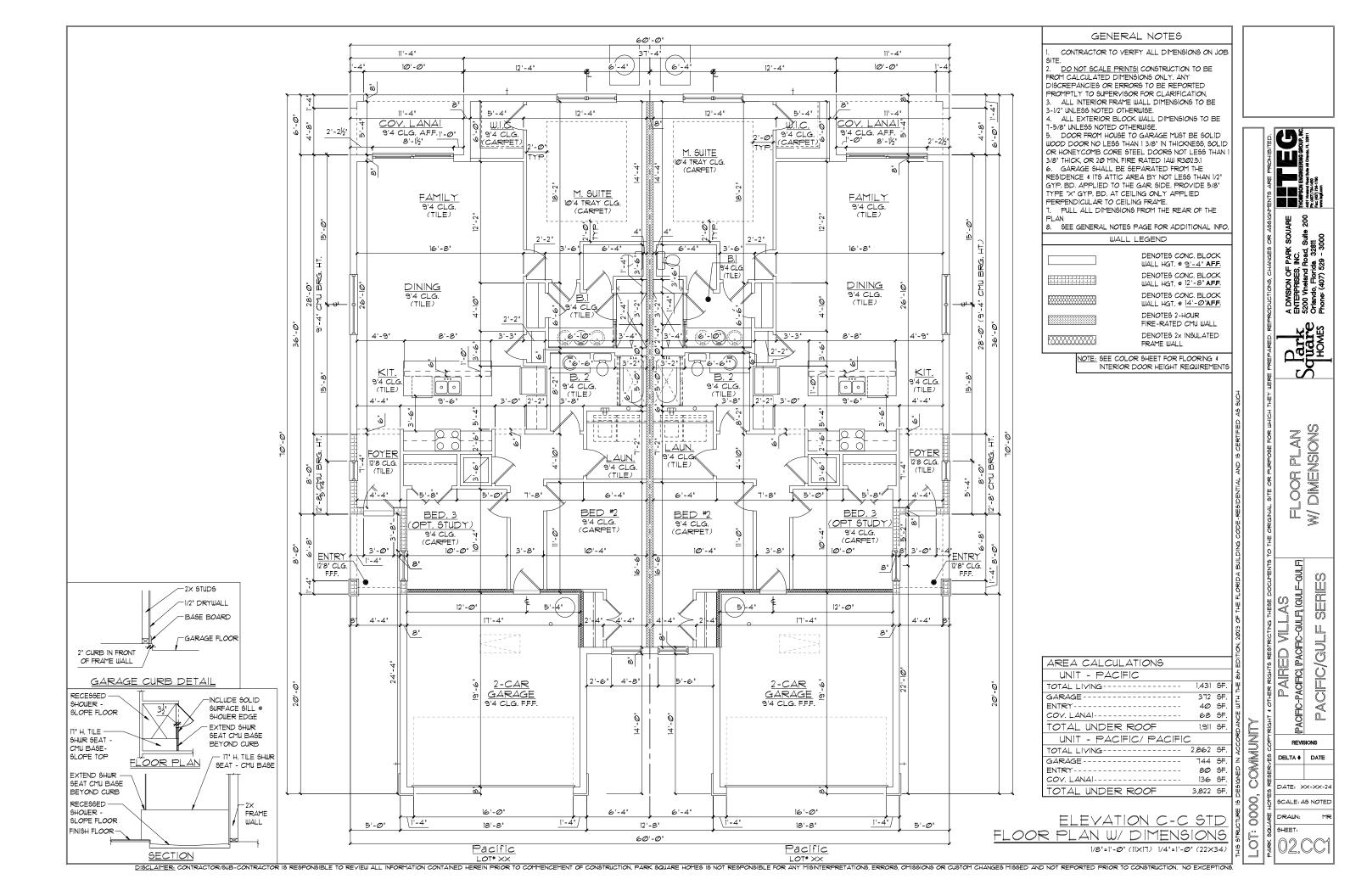
REVISIONS

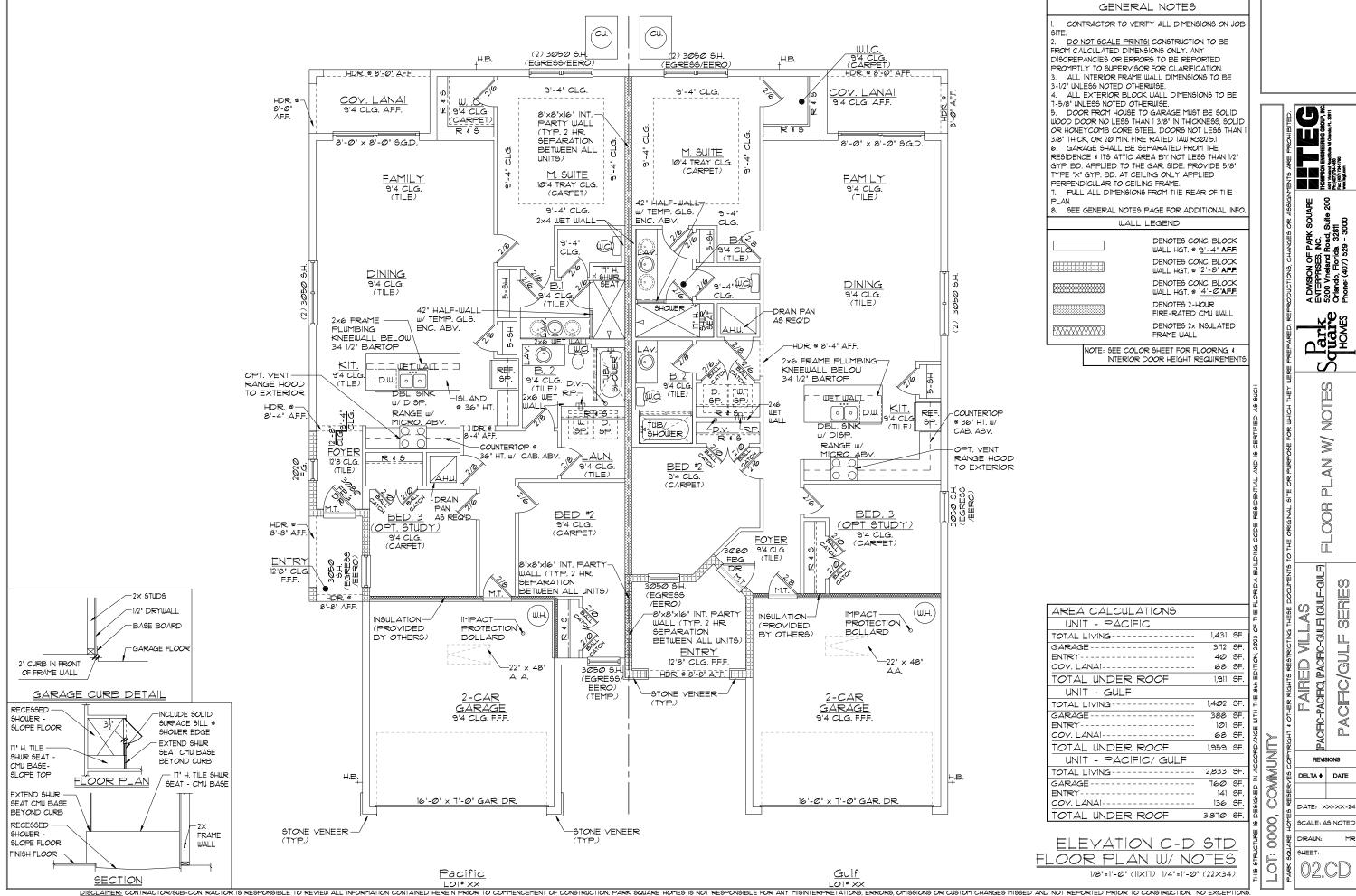
© DELTA ♦ DATE

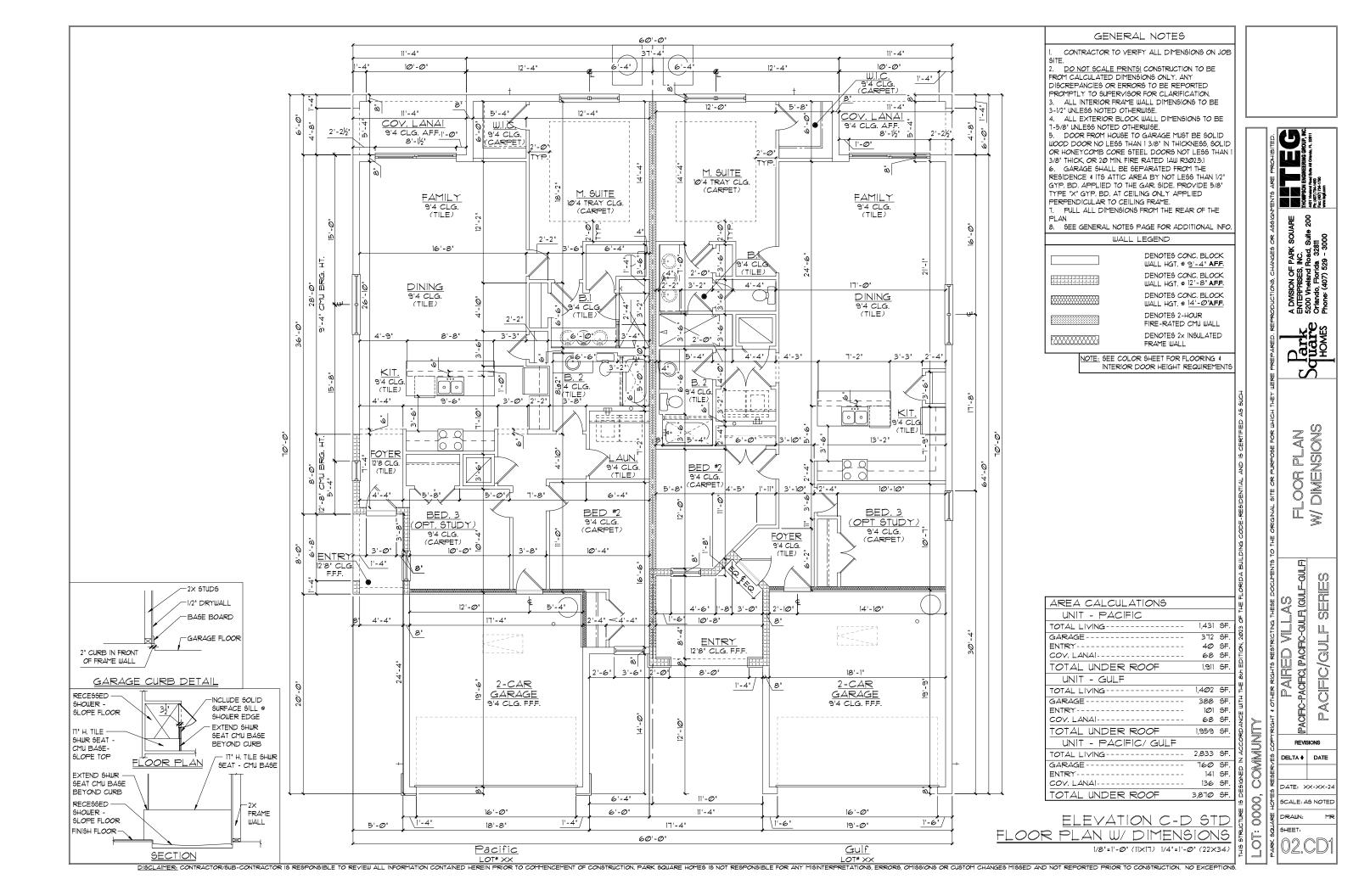
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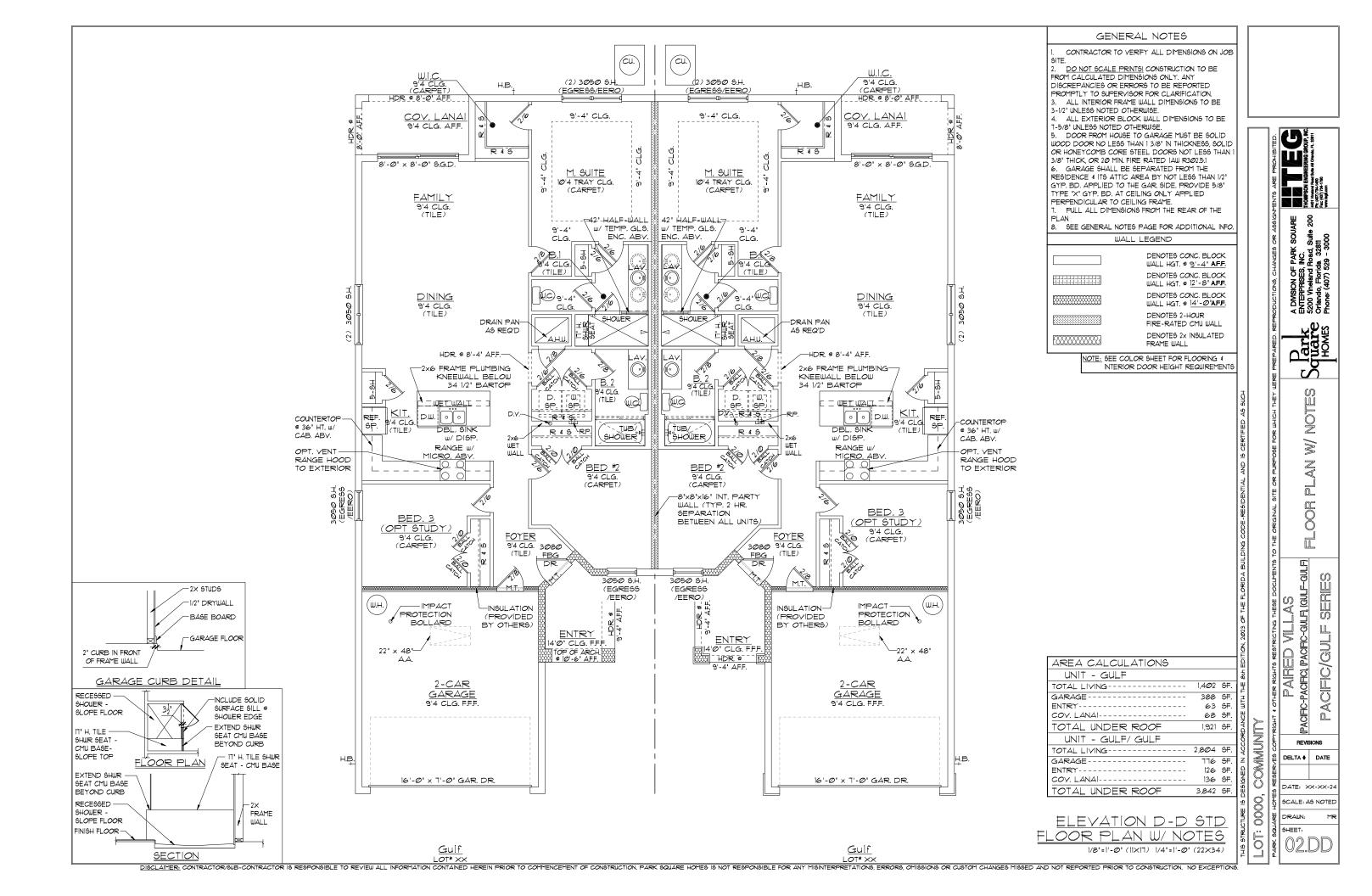
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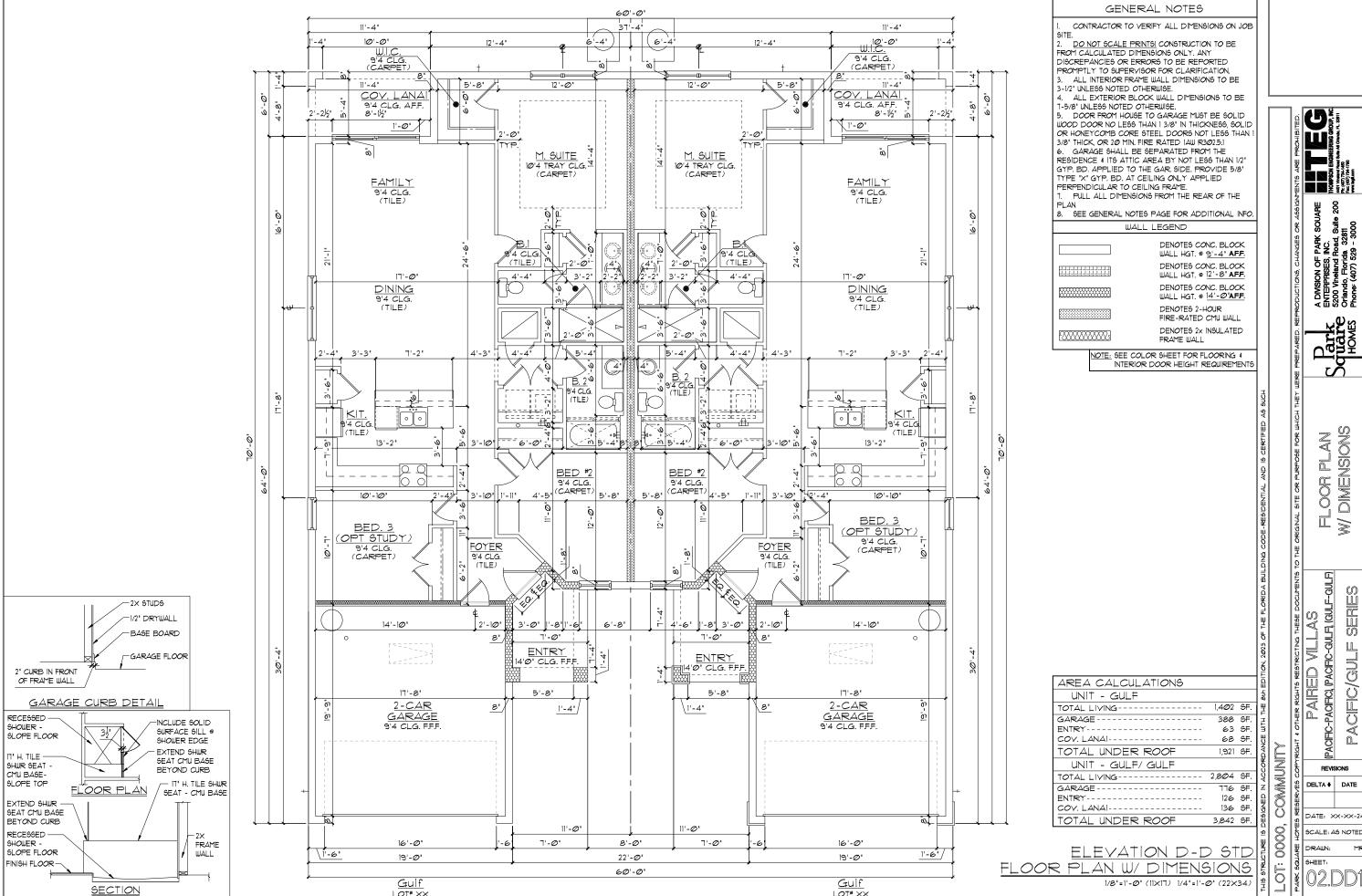








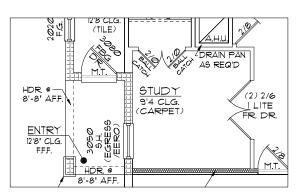




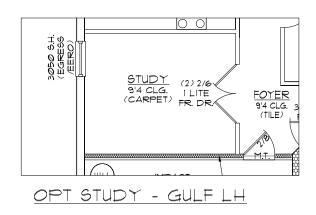
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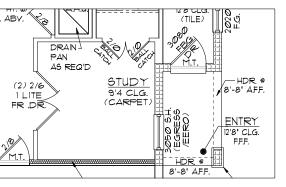
LOT* XX

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

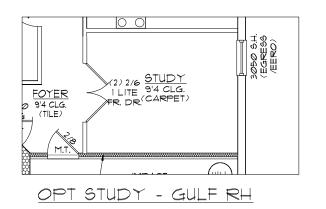


OPT STUDY - PACIFIC LH





OPT STUDY - PACIFIC RH





CONTRACTOR TO VERIFY ALL DIMENSIONS ON JOB

2. DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY, ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.

ALL INTERIOR FRAME WALL DIMENSIONS TO BE 3-1/2" UNLESS NOTED OTHERWISE.

4. ALL EXTERIOR BLOCK WALL DIMENSIONS TO BE 1-5/8" 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

3/8' THICK, OR 20 MIN. FIRE RATED IAU R3025.1 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.

PULL ALL DIMENSIONS FROM THE REAR OF THE

SEE GENERAL NOTES PAGE FOR ADDITIONAL INFO.

COMMUNITY 0000

PACIFIC-PACIFIC), (PACIFIC-GULF), (GULF-GULF)

PACIFIC/GULF REVISIONS DELTA # DATE

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NOTES

SERIES

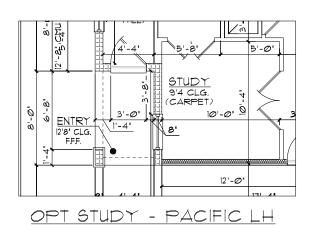
DATE: XX-XX-24 SCALE: AS NOTED

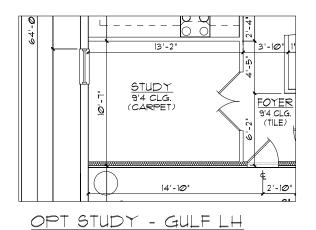
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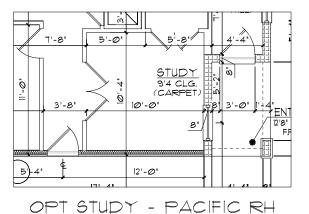
|/8"=|'-Ø" (||X|7) |/4"=|'-Ø" (22×34)

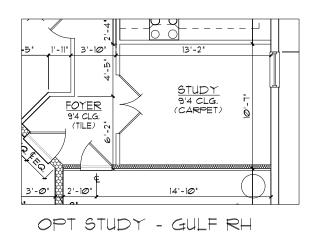
OPTIONS FLOOR PLAN W/ NOTES

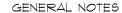
DISCLAIMER: CONTRACTOR/SUB-CONTRACTOR IS RESPONSIBLE TO REVIEW ALL INFORMATION CONTAINED HEREIN PRIOR TO CONSTRUCTION. PORK SQUARE HOMES IS NOT RESPONSIBLE FOR ANY MISINTERPRETATIONS, ERRORS, OMISSIONS OR CUSTOM CHANGES MISSED AND NOT REPORTED PRIOR TO CONSTRUCTION. NO EXCEPTIONS.











CONTRACTOR TO VERIFY ALL DIMENSIONS ON JOB

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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 3/8' THICK, OR 20 MIN. FIRE RATED IAU R3025.1 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.

PULL ALL DIMENSIONS FROM THE REAR OF THE

A DWISION OF PARK SOUARE ENTERPRISES, INC. 5200 Vineland Road, Suite 200 Orlando, Florida 3281 Phone: (407) 529 - 3000 SEE GENERAL NOTES PAGE FOR ADDITIONAL INFO.

RIGHT 4 OTHER RIGHTS RESTRICTING THESE DOCUMENTS
PAIRED VILLAS
PACIFIC-PACIFICI, PACIFIC-GULF, (GULF-GULF)

FLOOR PLAN W/ DIMENSIONS

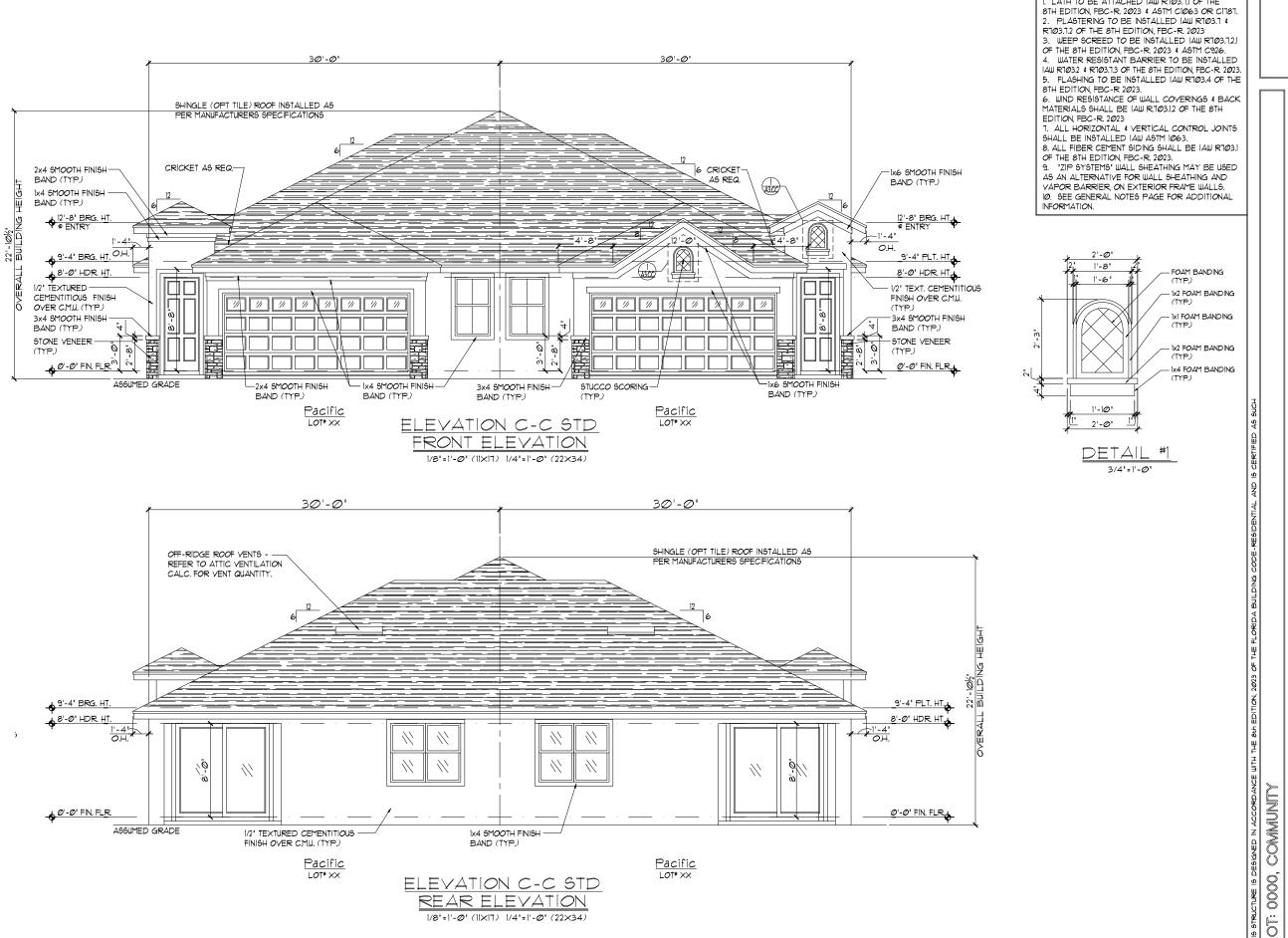
PACIFIC/GULF SERIES

REVISIONS

COMMUNITY

DELTA # DATE DATE: XX-XX-24 ,0000 SCALE: AS NOTED DRAWN: SHEET:

OPTIONS FLOOR PLAN W/ DIMENSIONS 1/8"=1'-0" (11×17) 1/4"=1'-0" (22×34)



EXTERIOR FINISH NOTES

I. LATH TO BE ATTACHED IAW R703.7.1 OF THE 8TH EDITION, FBC-R. 2023 & ASTM C1063 OR C1787.

ACIFIC-PACIFIC), (PACIFIC-GULF), (GULF-GULF)

PARK SOUARE INC.

R ELEVATION AND REAR

EXTERIOR

SERIES

ACIFIC/GULF

REVISIONS DELTA # DATE DATE: XX-XX-2 SCALE: AS NOTED DRAWN: SHEET:

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

EXTERIOR FINISH NOTES

I. LATH TO BE ATTACHED IAW R703.7.1 OF THE 8TH EDITION, FBC-R. 2023 & ASTM C1063 OR C1787. 2. PLASTERING TO BE INSTALLED IAW RT03.7 \$ 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.

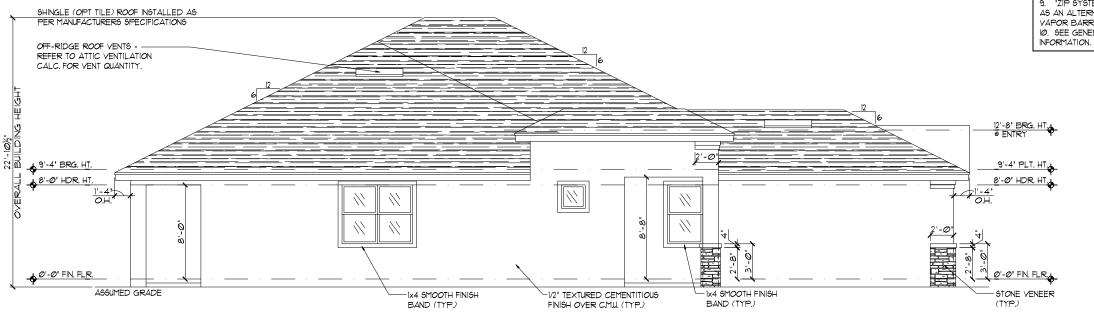
4. WATER RESISTANT BARRIER TO BE INSTALLED IAW R7032 & R703.7.3 OF THE 8TH EDITION, FBC-R. 2023.

5. FLASHING TO BE INSTALLED IAW RT03.4 OF THE 8TH EDITION, FBC-R 2023.
6. WIND RESISTANCE OF WALL COVERINGS & BACK MATERIALS SHALL BE IAW R.103.12 OF THE 8TH EDITION, FBC-R. 2023

1. ALL HORIZONTAL (VERTICAL CONTROL JOINTS SHALL BE INSTALLED IAW ASTM 1063. 8. ALL FIBER CEMENT SIDING SHALL BE IAW R703.1

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



ELEVATION C-C STD LEFT ELEVATION 1/8"=|'-Ø" (11×17) 1/4"=|'-Ø" (22×34)



EXTERIOR ELEVATION LEFT AND RIGHT PAIRED VILLAS
ACIFC-PACIFC, IPACIFC-GULF, (GULF-GULF) REVISIONS DELTA # DATE DATE: XX-XX-2

PARK SOUARE

COMMUNIT ,0000

SCALE: AS NOTED DRAWN: SHEET:

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1x4 SMOOTH FINISH-BAND (TYP.)

ELEVATION C-D STD

REAR ELEVATION

1/8"=1'-Ø" (11×17) 1/4"=1'-Ø" (22×34)

ASSUMED GRADE

1/2" TEXTURED CEMENTITIOUS-FINISH OVER CM.U. (TYP.)

<u>Gulf</u>

EXTERIOR FINISH NOTES

I. LATH TO BE ATTACHED IAW R703.7.1 OF THE 8TH EDITION, FBC-R. 2023 & ASTM C1063 OR C1787. 2. PLASTERING TO BE INSTALLED IAW RT03.7 \$ R103.1.2 OF THE 8TH EDITION, FBC-R. 2023

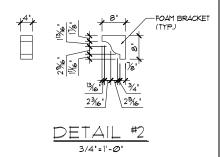
3. WEEP SCREED TO BE INSTALLED IAW R703.7.2.1 OF THE 8TH EDITION, FBC-R. 2023 & ASTM C926. 4. WATER RESISTANT BARRIER TO BE INSTALLED IAW R7032 & R703.7.3 OF THE 8TH EDITION, FBC-R. 2023. 5. FLASHING TO BE INSTALLED IAW RTØ3.4 OF THE 8TH EDITION, FBC-R 2023. 6. WIND RESISTANCE OF WALL COVERINGS & BACK

MATERIALS SHALL BE IAW R.703.1.2 OF THE 8TH EDITION, FBC-R. 2023

1. ALL HORIZONTAL & VERTICAL CONTROL JOINTS SHALL BE INSTALLED IAW ASTM 1063. 8. ALL FIBER CEMENT SIDING SHALL BE IAW RT03.1

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.



R ELEVATION AND REAR EXTERIOR COMMUNITY

PARK SOUARE INC.

ACIFIC-PACIFIC), (PACIFIC-GULF), (GULF-GULF) SERIES

ACIFIC/GULF

REVISIONS DELTA # DATE

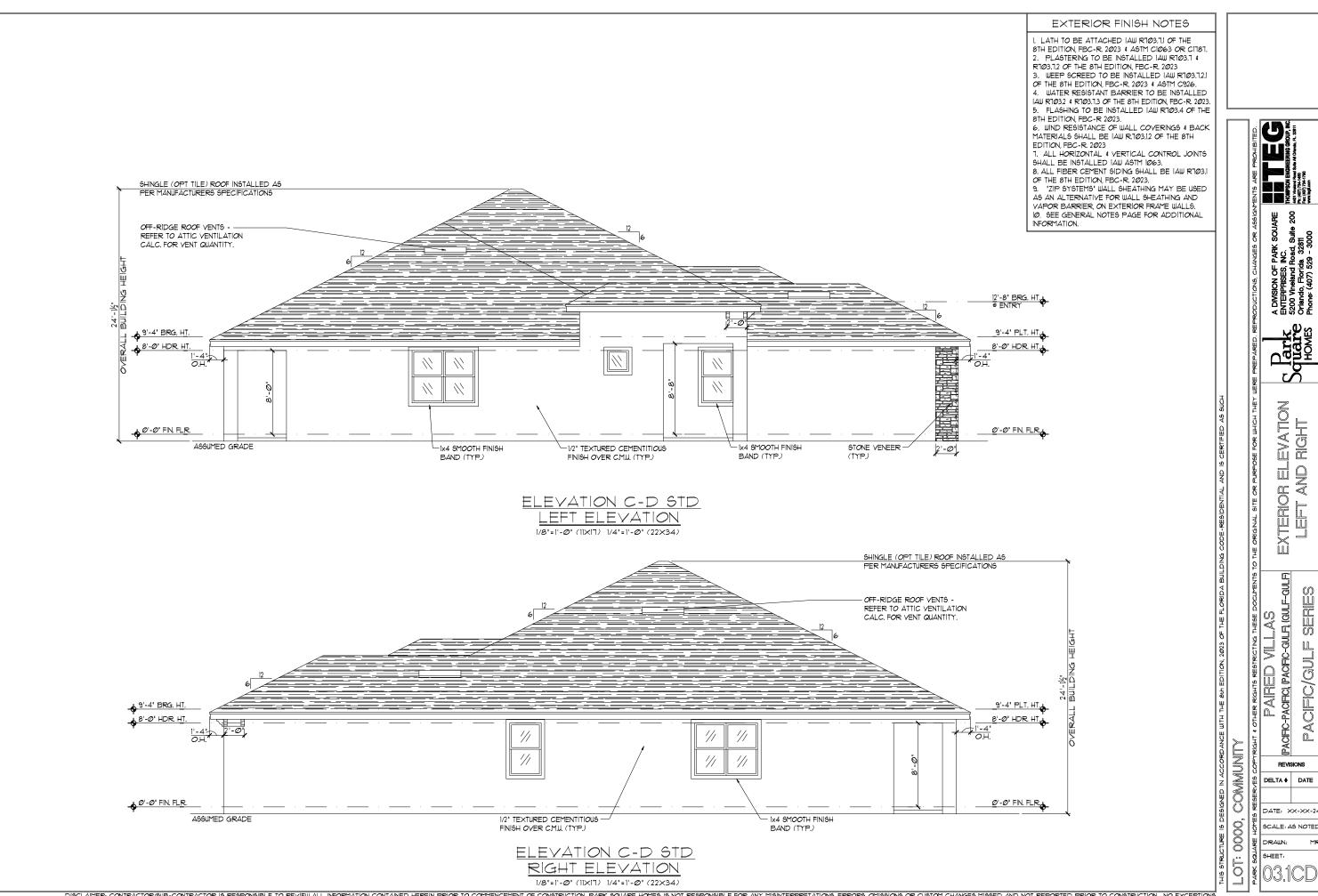
DATE: XX-XX-2 SCALE: AS NOTED

DRAWN: SHEET:

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Pacific LOT* XX



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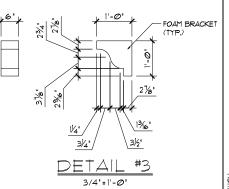


EXTERIOR FINISH NOTES

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4. WATER RESISTANT BARRIER TO BE INSTALLED IAW R7032 & R703.7.3 OF THE 8TH EDITION, FBC-R. 2023.

10. SEE GENERAL NOTES PAGE FOR ADDITIONAL



COMMUNITY

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ACIFIC-PACIFIC), (PACIFIC-GULF), (GULF-GULF) SERIES

PARK SOUARE INC.

R ELEVATION AND REAR

EXTERIOR

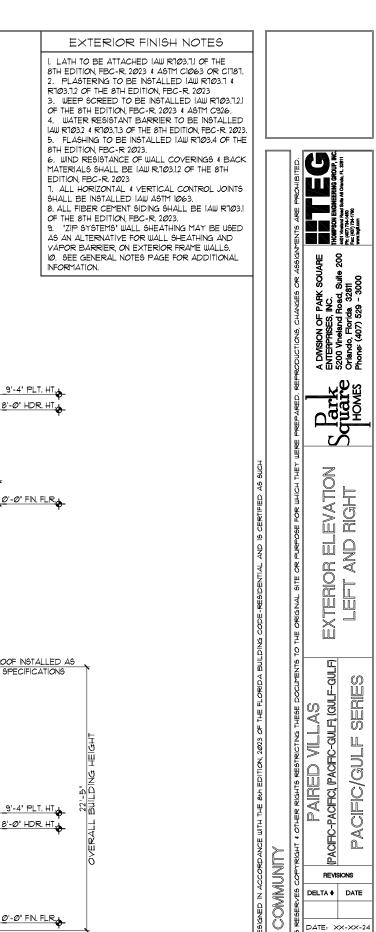
ACIFIC/GULF REVISIONS

DELTA # DATE

DATE: XX-XX-2 SCALE: AS NOTED DRAWN:

SHEET:

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

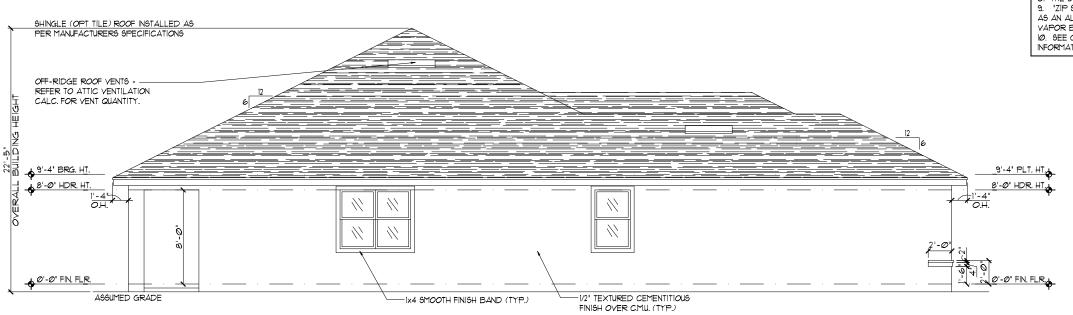


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SCALE: AS NOTED

DRAWN:

SHEET:



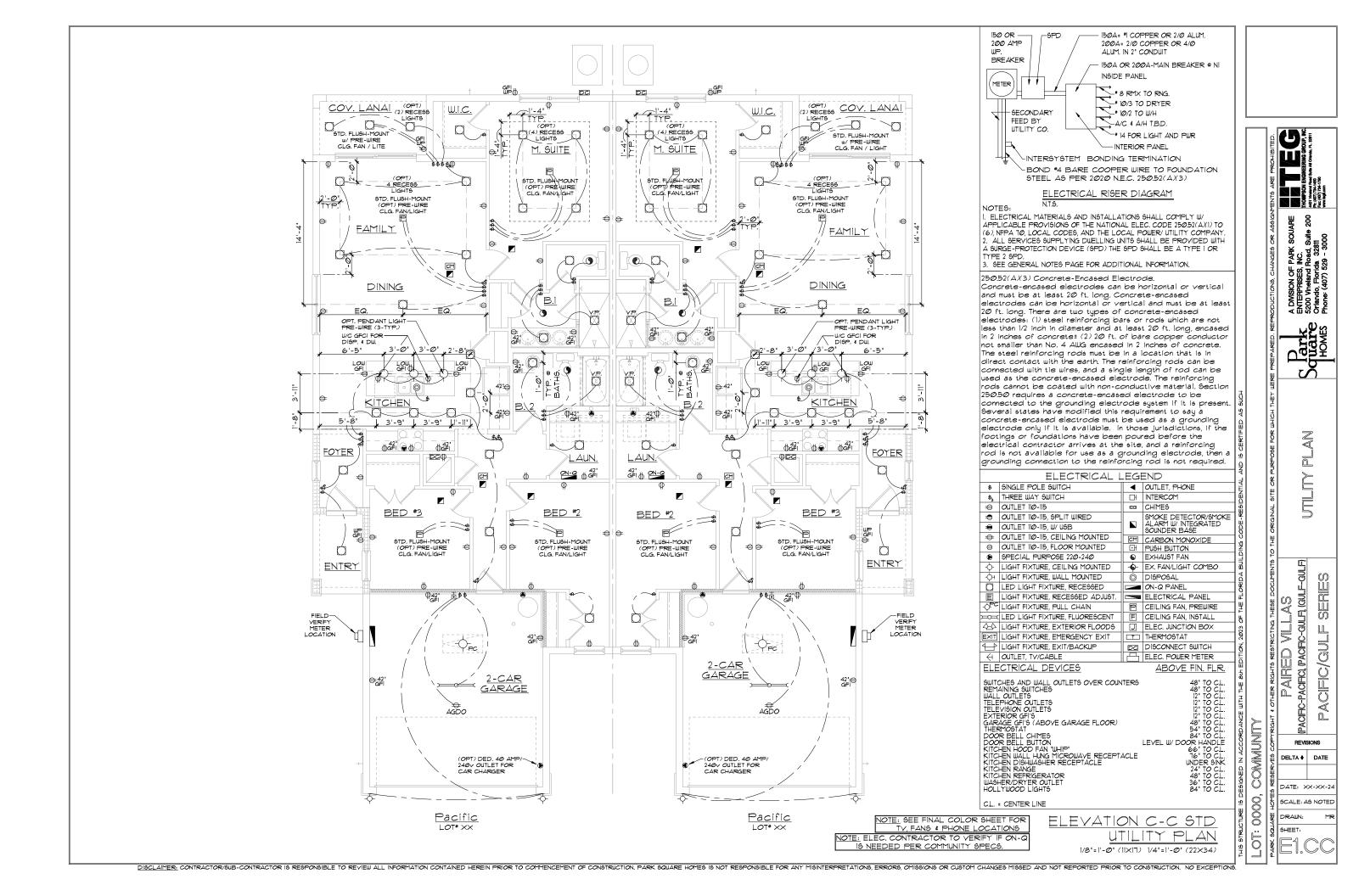
ELEVATION D-D STD LEFT ELEVATION 1/8"=1'-0" (11×17) 1/4"=1'-0" (22×34)

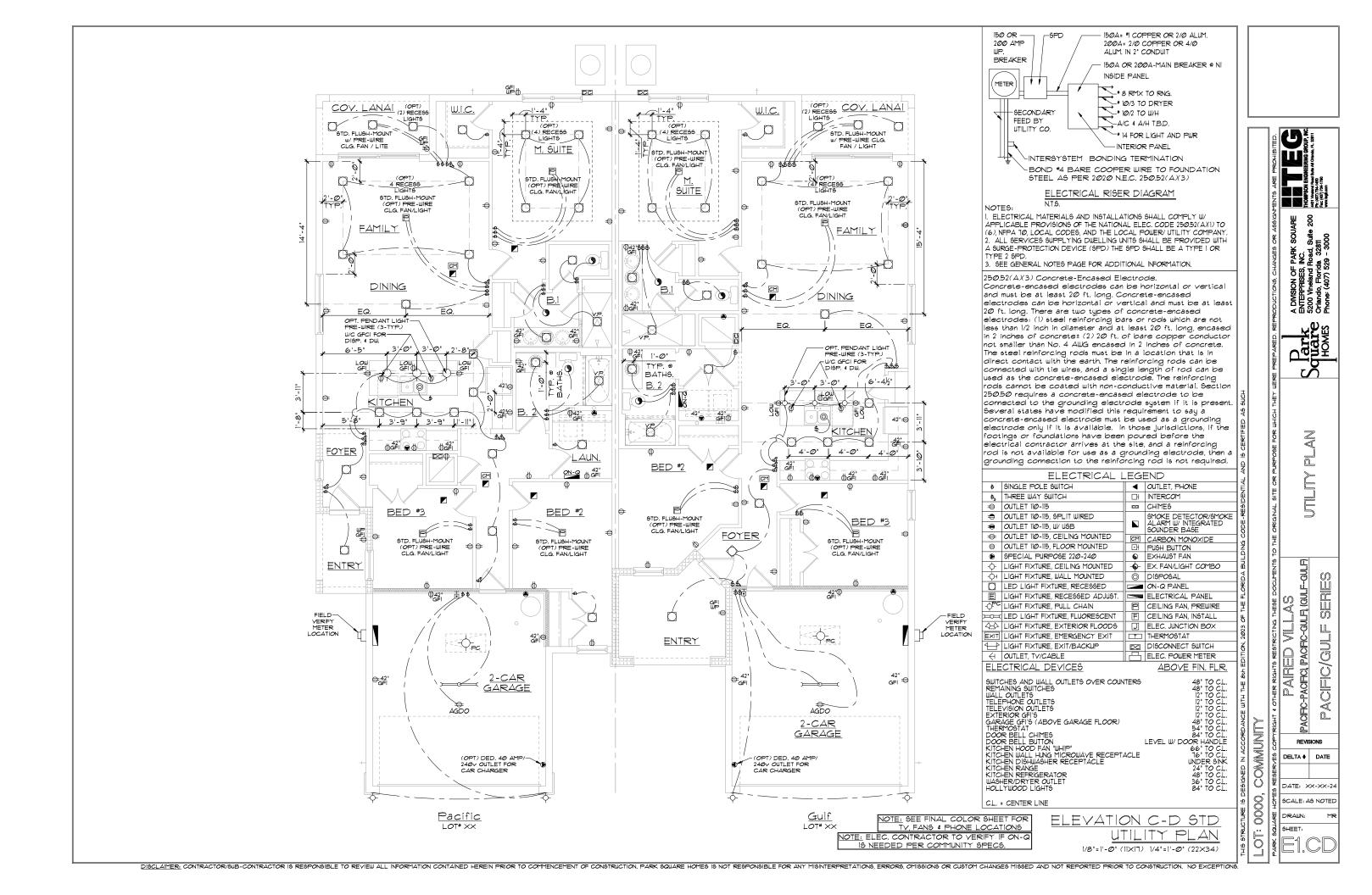


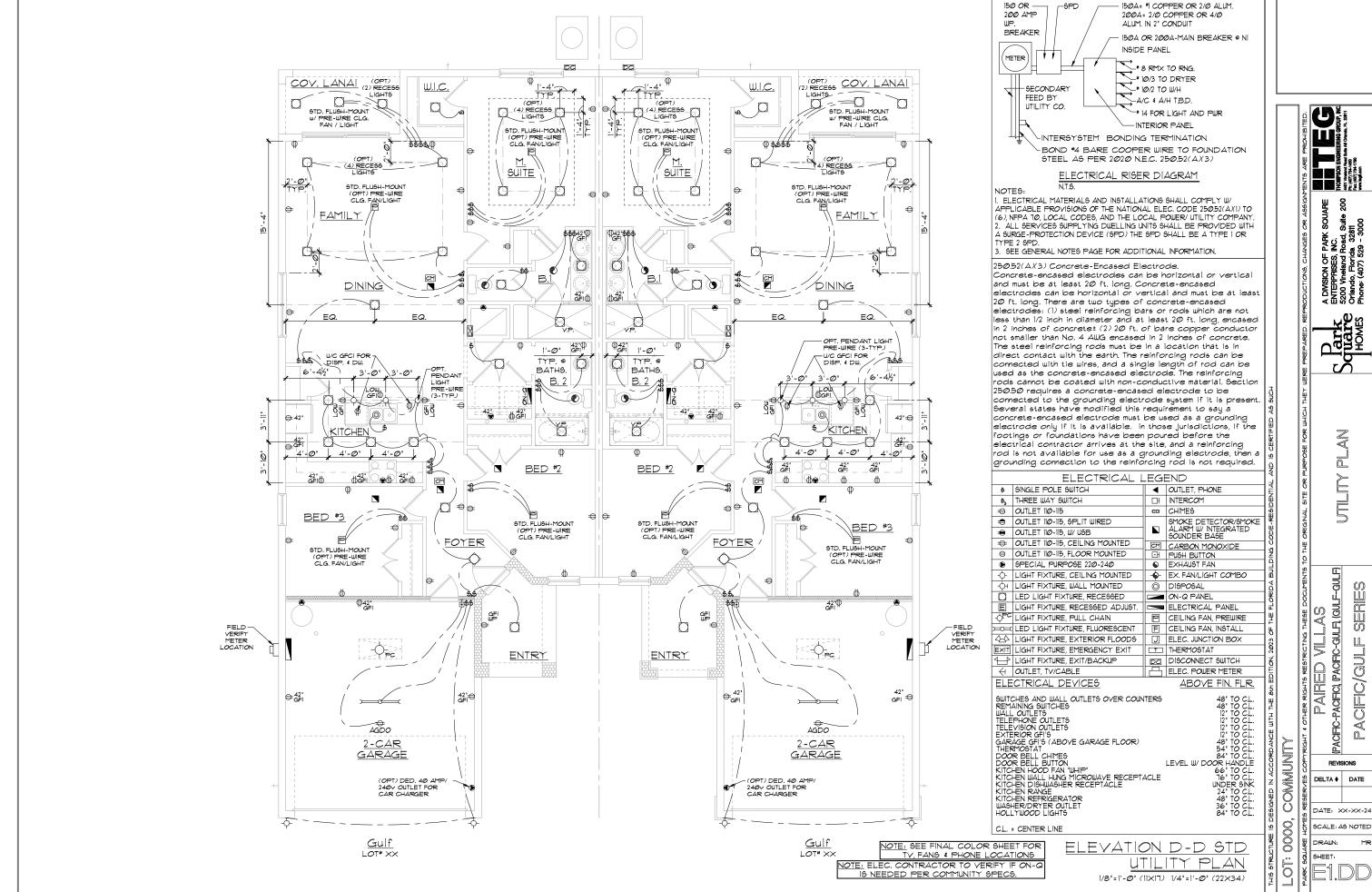
ELEVATION D-D STD RIGHT ELEVATION 1/8"=1'-Ø" (11×17) 1/4"=1'-Ø" (22×34)

ACIFIC/GULF

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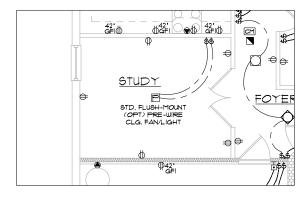




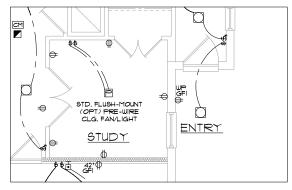


DIGCLAIMER: CONTRACTOR/GUB-CONTRACTOR IS RESPONSIBLE TO REVIEW ALL INFORMATION CONTAINED HEREIN PRIOR TO COMMENCEMENT OF CONSTRUCTION, PARK SQUARE HOMES IS NOT RESPONSIBLE FOR ANY MISINTERPRETATIONS, ERRORS, OMISSIONS OR CUSTOM CHANGES MISSED AND NOT REPORTED PRIOR TO CONSTRUCTION. NO EXCEPTIONS.

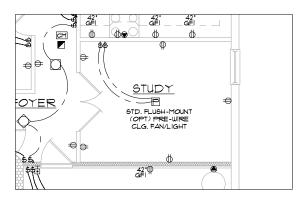
OPT STUDY - PACIFIC LH



OPT STUDY - GULF LH



OPT STUDY - PACIFIC RH



OPT STUDY - GULF RH



PLAN W/ NOTES

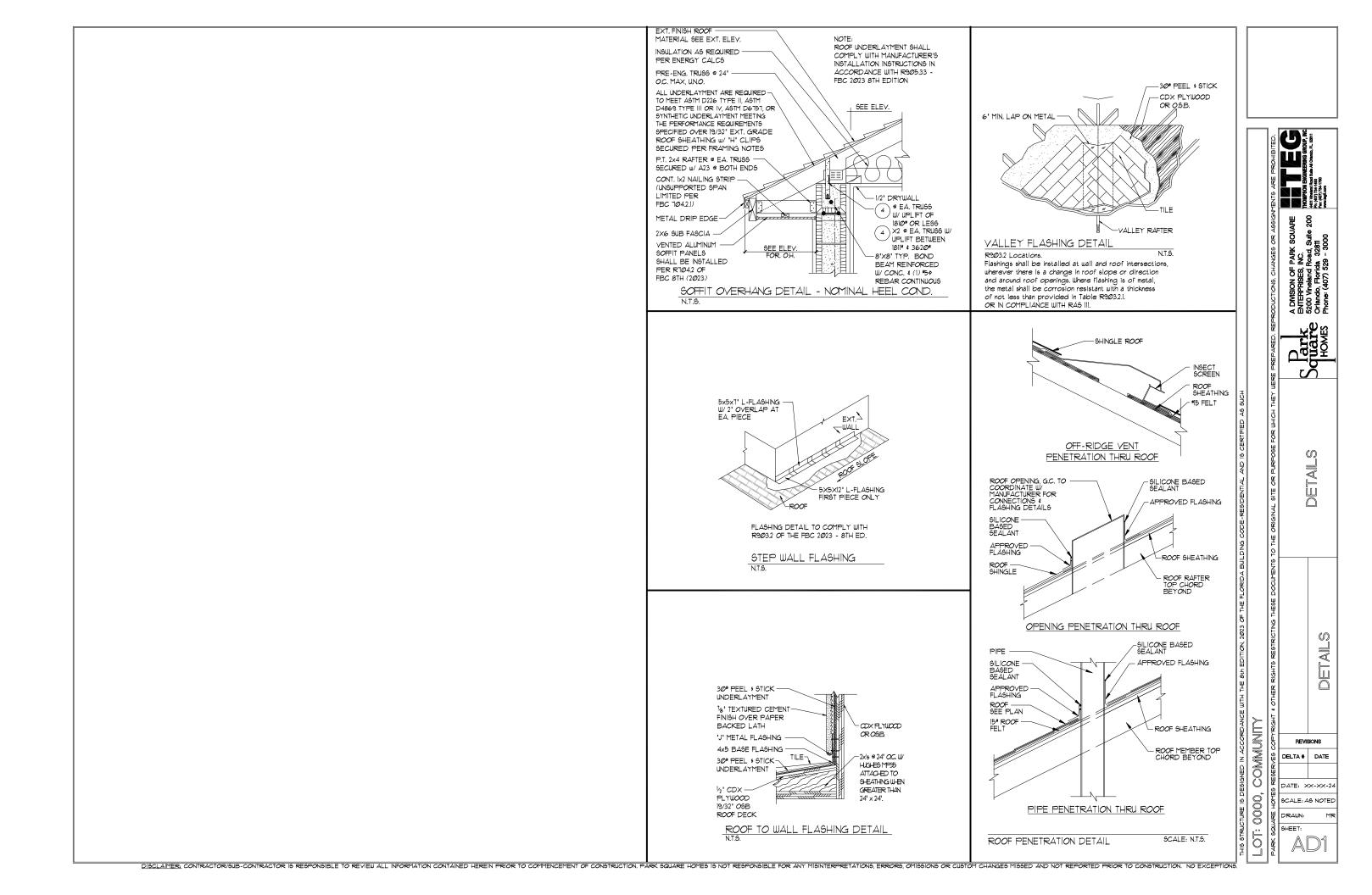
FLOOR

PACIFIC/GULF SERIES

RGHT 4 OTHER RIGHTS RESTRICTING THESE DOCUMENTS
PAIRED VILLAS
[PACIFIC-PACIFIC), PACIFIC-QULF, (QULF-QULF) ESIGNED IN ACCORDANC REVISIONS ၍ DELTA # DATE DATE: XX-XX-24 I'IIS STRUCTURE IS DE LOTE: 00000, 0 SCALE: AS NOTED DRAWN:

SHEET:

OPTIONS UTILITY PLAN 1/8"=1'-0" (11×17) 1/4"=1'-0" (22×34)



COND. ANCHOR DETAIL

VERIFICATION OF FIELD CONDITIONS:

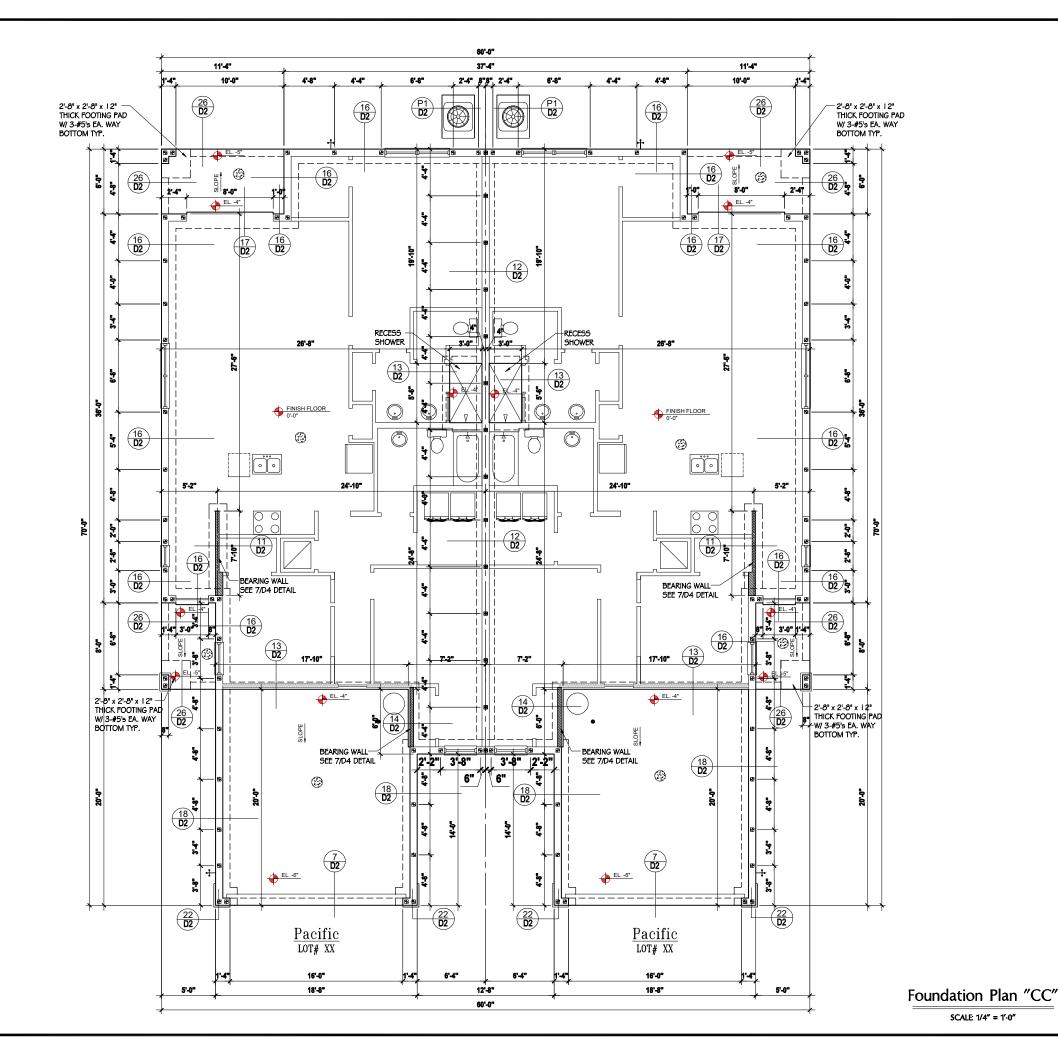
CONTRACTOR SHALL VERIFY ALL FIELD CONDITIONS AND DIMENSIONS RELATIVE TO SAME. WHERE THERE ARE CONFLICTS BETWEEN ACTUAL FIELD CONDITIONS AND DATA PRESENTED IN THE DRAWINGS, SUCH CONDITIONS SHALL BE CALLED TO THE ARCHITECTS AND OR TO THE ENGINEER OF RECORD'S (EOR) ATTENTION AND NECESSARY ADJUSTMENTS MADE FER THEIR INSTRUCTIONS.

FOUNDATION NOTES

12" - 24" 36" UP ¢ 5 TONS ¢ UP

- 1. CONTRACTOR VERIFY ALL DIMENSIONS ON JOB SITE.
- 2. 8 DENOTES FILL CELL REINF. W/ CONC. W/ I #5 REBAR. GRADE GO.

 ® DENOTES FILL CELL RE NE_ W/ CONC. W/ 2-#5 REBAR. GRADE GO.
- 3. DENOTES FLOOR SLAB OF PLANT MIX CONCRETE 2500 P.S. I.
 4" THICK WITH GXG 10/10 GAUGE REINFORCING MAT. W/ MIN.
 1" COVER TERMITE TREATED SOIL WITH 0.006mm (6mil)
 POLYETHYLENE VAPOR BARRIER OVER COMPACTED CLEAN FILL.
 WWF SHALL BE PLACE IN MIDDLE TO UPPER THIRD OF SLAB AND
 SUPPORTED ON APPROVED SLAB BOLSTERS. "FIBER MESH
 REINFORCEMENT MAY USED AS ALTERNATIVE TO WIRE.
- DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPER-VISOR FOR CLARIFICATION.
- 5. WATER HEATER T#P RELIEF VALVE SHALL E FULL SIZE TO EXTERIOR. WATER HEATER AT OR ABOVE FLOOR LEVEL 61-FALL E IN A FAN WITH DRAIN TO EXTERIOR. WATER HEATER SHALL HAVE AFFROVED THERMAL EXPANSION DEVICE
- PAVERS MAY BE USED ILO CONCRETE SLABS IN PATIO, PORCH, DRIVE AND WALKWAY AREAS. DELETE SLAB IN AREAS PAVERS ARE USED.
- MECHANICAL EQUIP. LOCATIONS WILL BE DETERMINED BY COMMUNITY AND COUNTY CODES.
- 8. IN LIEU OF TREATING THE SOIL, AN ALTERNATIVE TO TERMITE TREATED SOIL CA BE PREMISE 75 WP TERMICIDE.
- BORA -CARE TO BE APPLIED ON INTERIOR WALLS W/ MANUFACTURER'S INSTRUCTIONS AND SPECIFICATIONS, PURSUANT FLORIDA BUILDING CODE LATEST EDITION.



Paired Villa

SUE DATE 08/10/202

REVISIONS

PROJECT: 00-0000 SCALE: AS NOT

ESIGNED BY: MJS

Foundation plan

S1.CC

RAWN BY: C.C. / G.P

.

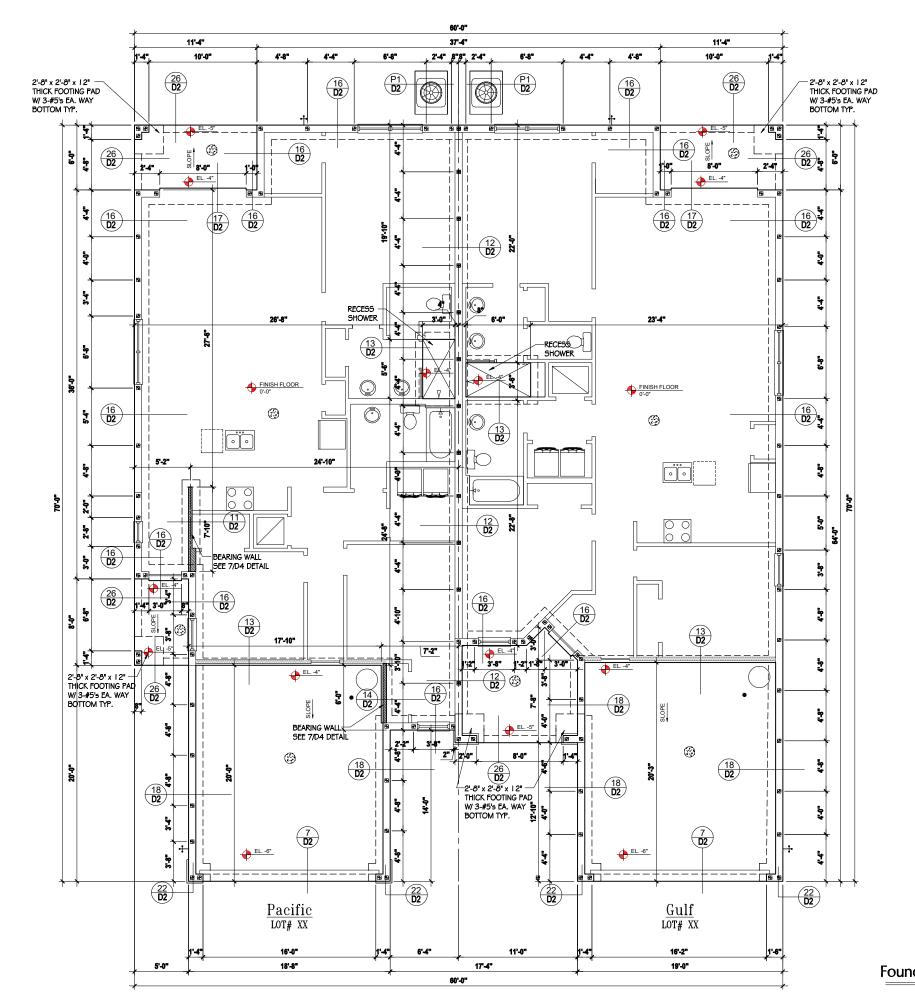
COND. ANCHOR DETAIL

VERIFICATION OF FIELD CONDITIONS:

CONTRACTOR SHALL VERIFY ALL FIELD CONDITIONS AND DIMENSIONS RELATIVE TO SAME. WHERE THERE ARE CONFLICTS BETWEEN ACTUAL FIELD CONDITIONS AND DATA PRESENTED IN THE DRAWINGS, SUCH CONDITIONS SHALL BE CALLED TO THE ARCHITECTS AND OR TO THE ENGINEER OF RECORD'S (EOR) ATTENTION AND NECESSARY ADJUSTMENTS MADE PER THEIR INSTRUCTIONS.

FOUNDATION NOTES

- CONTRACTOR VERIFY ALL DIMENSIONS ON JOB SITE.
- 2. 89 DENOTES FILL CELL REINF. W/ CONC. W/ 1- #5 REBAR. GRADE 60.
 (A) DENOTES FILL CELL RE NE_ W/ CONC. W/ 2-#5 REBAR. GRADE 60.
- 3. ② DENOTES FLOOR SLAB OF PLANT MIX CONCRETE 2500 P.S. I.
 4" THICK WITH GXG 10/10 GAUGE REINFORCING MAT. W/ MIN.
 1" COVER TERMITE TREATED SOIL WITH 0.006mm (Gmil)
 POLYETHYLENE VAPOR BARRIER OVER COMPACTED CLEAN FILL
 WWF SHALL BE PLACE IN MIDDLE TO UPPER THIRD OF SLAB AND SUPPORTED ON APPROVED SLAB BOLSTERS *FIBER MESH REINFORCEMENT MAY USED AS ALTERNATIVE TO WIRE.
- DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPER-VISOR FOR CLARIFICATION.
- WATER HEATER TAP RELIEF VALVE SHALL E FULL SIZE TO EXTERIOR. WATER HEATER AT OR ABOVE FLOOR LEVEL 61-FALL E IN A FAN WITH DRAIN TO EXTERIOR, WATER HEATER SHALL HAVE AFFROVED THERMAL EXPANSION DEVICE
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- MECHANICAL EQUIP. LOCATIONS WILL BE DETERMINED BY COMMUNITY AND COUNTY CODES.
- IN LIEU OF TREATING THE SOIL, AN ALTERNATIVE TO TERMITE TREATED SOIL CA BE PREMISE 75 WP TERMICIDE.
- BORA -CARE TO BE APPLIED ON INTERIOR WALLS W/ MANUFACTURER'S INSTRUCTIONS AND SPECIFICATIONS, PURSUANT FLORIDA BUILDING CODE LATEST EDITION.



Paired Villa ar SUE DATE 08/10/202 REVISIONS PROJECT: 00-0000 SCALE: AS NOTE RAWN BY: C.C. / G.P ESIGNED BY: MJS Foundation plan S1.CD

Foundation Plan "CD" SCALE: 1/4" = 1'-0"

COND. ANCHOR DETAIL

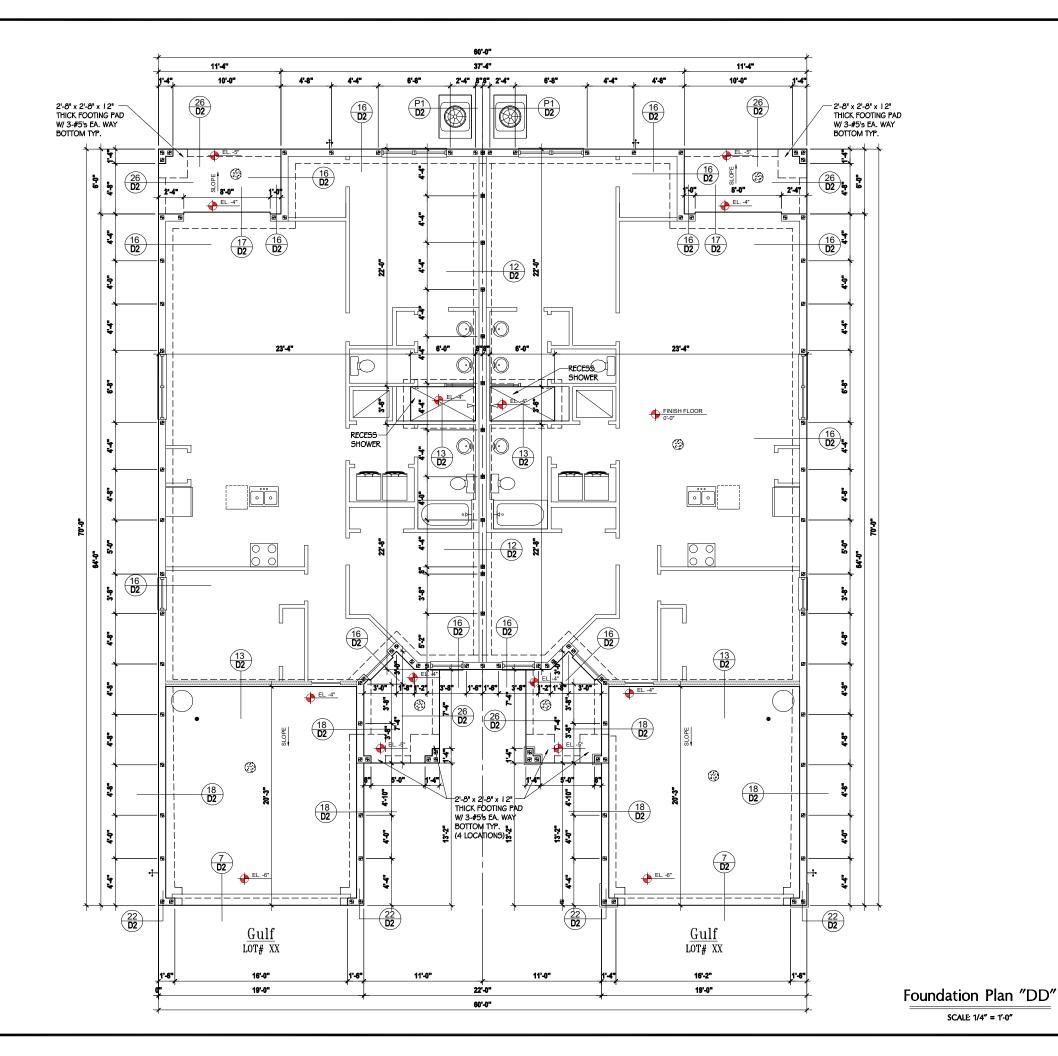
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FOUNDATION NOTES

- 1. CONTRACTOR VERIFY ALL DIMENSIONS ON JOB SITE.
- 2. 8 DENOTES FILL CELL REINF. W/ CONC. W/ I #5 REBAR. GRADE GO.

 ® DENOTES FILL CELL RE NE_ W/ CONC. W/ 2-#5 REBAR. GRADE GO.
- 3. DENOTES FLOOR SLAB OF PLANT MIX CONCRETE 2500 P.S.I.
 4" THICK WITH GXG I Q/I O GAUGE REINFORCING MAT. W/ MIN.
 I" COVER TERMITE TREATED SOIL WITH 0.006mm (6mil)
 POLYETHYLENE VAPOR BARRIER OVER COMPACTED CLEAN FILL.
 WWF SHALL BE PLACE IN MIDDLE TO UPPER THIRD OF SLAB AND
 SUPPORTED ON APPROVED SLAB BOLSTERS. "FIBER MESH
 REINFORCEMENT MAY USED AS ALTERNATIVE TO WIRE.
- DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPER-VISOR FOR CLARIFICATION.
- 5. WATER HEATER T#P RELIEF VALVE SHALL E FULL SIZE TO EXTERIOR.
 WATER HEATER AT OR ABOVE FLOOR LEVEL GI -FALL E IN A FAN
 WITH DRAIN TO EXTERIOR. WATER HEATER SHALL HAVE AFFROVED
 THERMAL EXPANSION DEVICE
- PAVERS MAY BE USED ILO CONCRETE SLABS IN PATIO, PORCH, DRIVE AND WALKWAY AREAS. DELETE SLAB IN AREAS PAVERS ARE USED.
- MECHANICAL EQUIP. LOCATIONS WILL BE DETERMINED BY COMMUNITY AND COUNTY CODES.
- 8. IN LIEU OF TREATING THE SOIL, AN ALTERNATIVE TO TERMITE TREATED SOIL CA BE PREMISE 75 WP TERMICIDE.
- BORA -CARE TO BE APPLIED ON INTERIOR WALLS W/ MANUFACTURER'S INSTRUCTIONS AND SPECIFICATIONS, PURSUANT FLORIDA BUILDING CODE LATEST EDITION.



Paired Villa SUE DATE 08/10/202 REVISIONS

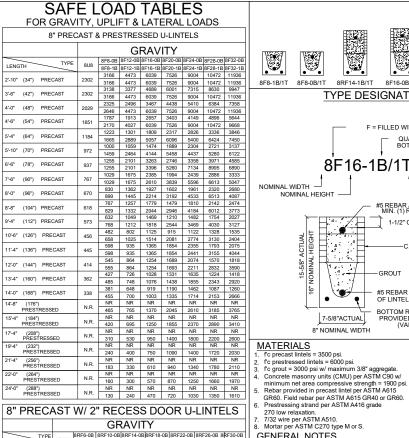
PROJECT: 00-0000 SCALE: AS NOTE

DRAWN BY: C.C. / G.P.

Foundation plan

DESIGNED BY: MJS

S1.DD



8" PRECAST W/ 2" RECESS DOOR U-LINTELS

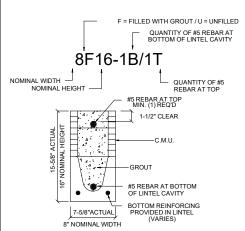
II				GF	RAVIT	Υ			
II	TYPE	anua.	8RF6-0B	8RF10-0B	8RF14-0B	8RF18-0B	8RF22-0B	8RF26-0B 8	RF30-0B
II	LENGTH	8RU6	8RF6-1B	8RF10-1B	8RF14-1B	8RF18-1B	8RF22-1B	8RF26-1B 8	RF30-1B
Ш	4'-4"(52") PRECAST	1489	1591	3053	2982	3954	4929	5904	6880
Ш	4-4 (52) FRECAST	1409	1827	3412	4982	6472	7947	9416	10878
II	4'-6"(54") PRECAST	1357	1449	2782	2714	3600	4487	5375	6264
Ш	4-0 (34)1 ICCAS1	1337	1702	3412	4982	6472	7947	9416	10878
Ш	5'-8"(68") PRECAST	785	832	1602	1550	2058	2566	3075	3585
II	5-8 (68) PRECAST	700	1153	2162	4074	6472	6516	5814	6839
Ш	5'-10'70") PRECAST	735	779	1500	1449	1924	2400	2876	3352
Ш	3-10(70) FRECAST	733	1103	2051	3811	6472	6516	5450	6411
ı	6'-8"(80") PRECAST	822	907	1677	2933	2576	3223	3872	4522
II	0-0 (00) FRECAST	022	907	1677	2933	4100	6730	8177	6707
	7'-6"(90") PRECAST	665	761	1377	2252	1958	2451	2944	3439
Ш	7-6 (90°) PRECAST	000	764	1377	2329	3609	5492	6624	5132
Ш	9'-8"(116")PRECAST	371	420	834	1253	1071	1342	1614	1886
Ш	3-0 (110)1 NEOASI	3/1	535	928	1497	2179	2618	3595	2875

8" PRECAST & PRESTRESSED U-LINTELS

6 FRECAST & FRESTRESSED 0-LINTEES											
					U	PLIF	Т			LATE	RAL
LENG	TH	TYPE	8F8-1T 8F8-2T	8F12-1T 8F12-2T	BF16-1T BF16-2T			8F28-1T 8F28-2T	8F32-1T 8F32-2T	8U8	8F8
2'-10"	(34")	PRECAST	2727 2727	2878 2784	4101 3981	5332 5190	6569 6407	7811 7630	9055 8857	2021	2021
3'-6"	(42*)	PRECAST	2165 2165	2289 2215	3260 3165	4237 4125	5219 5091	6204 6061	7192 7036	1257	1257
4'-0"	(48*)	PRECAST	1878 1878	1989 1925	2832 2750	3680 3583	4532 4422	5387 5264	6245 6110	938	938
4'-6"	(54*)	PRECAST	1660 1660	1762 1705	2507 2435	3257 3171	4010 3913	4767 4658	5525 5406	727	727
5'-4"	(64*)	PRECAST	1393* 1393	1484 1437	2110 2050	2741 2670	3375 3293	4010 3920	4648 4549	505	505
5'-10"	(70*)	PRECAST	1272* 1272	1357 1315	1930 1875	2505 2441	3084 3010	3665 3583	4247 4157	418	418
6'-6"	(78*)	PRECAST	1141* 1141	1200 1182	1733 1684	2250 2192	2769 2703	3290 3216	3812 3732	707	887
7'-6"	(90*)	PRECAST	959* 990	912 1029	1475 1466	1914 1907	2354 2351	2797 2797	3240 3245	591	657
9'-4"	(112")PRECAST	801* 801	612 755	980 1192	1269 1550	1560 1910	1852 2271	2144 2634	454	630
10'-6"	(126") PRECAST	716* 716	498 611	793 1039	1027 1389	1261 1711	1496 2034	1731 2358	396	493
11'-4"	(136") PRECAST	666* 666	439 535	696 905	899 1295	1104 1595	1309 1896	1515 2198	363	556
12'-0"	(144") PRECAST	607* 631	400 486	631 818	816 1209	1001 1514	1186 1799	1372 2086	340	494
13'-4"	(160") PRECAST	500* 573	340 409	532 682	686 1004	841 1367	997 1637	1153 1897	302	398
14'-0"	(168") PRECAST	458* 548	316 378	493 629	635 922	778 1254	922 1567	1065 1816	286	360
14'-8"			243 243	295 352	459 582	591 852	724 1156	857 1491	990 1742	N.R.	357
15'-4"			228 228	278 329	430 542	553 791	677 1072	801 1381	925 1676	N.R.	327
17'-4"			188 188	236 276	361 449	464 649	567 874	670 1121	774 1389	N.R.	255
19'-4"			165 165	239	313 383	401 550	490 736	578 940	667 1160	N.R.	204
21'-4"			145 142	186 212	278 336	356 477	433 635	512 807	590 993	N.R.	172
22'-0"			140 137	180 205	268 322	343 457	418 607	493 771	568 947	N.R.	161
24'-0" (288") PRESTRESSED	127	165	244	312	380	447	515				
	2'-10" 3'-6" 4'-0" 4'-6" 5'-4" 5'-10" 6'-6" 11'-4" 12'-0" 13'-4" 14'-0" 14'-8" 17'-4" 19'-4"	3'-6" (42") 4'-0" (48") 4'-6" (64") 5'-4" (64") 5'-10" (70") 6'-6" (78") 7'-6" (90") 9'-4" (112" 10'-6" (126" 11'-4" (136" 14'-0" (168" 14'-0" (168" 14'-0" (168" 15'-4" (178" 17'-4" (278" 18'-4" 18'-4" (278" 18'-4" 18'-4" (278" 18'-4" (278" 18'-4" (278" 18' 18'-4" (278" 18' 18' 18' 18' 18' 18' 18' 18' 18' 18'	2-10' (34') PRECAST 3-6' (42') PRECAST 4-0' (48') PRECAST 4-6' (54') PRECAST 5-10' (70') PRECAST 5-10' (70') PRECAST 6-6' (78') PRECAST 10-6' (126') PRECAST 11'-4' (112') PRECAST 11'-4' (136') PRECAST 12-0' (144') PRECAST 13-4' (160') PRECAST 14-9' (168') PRECAST 14-9' (176') PRESTRESSED 15-4' (194') PRESTRESSED 15-4' (194') PRESTRESSED 15-4' (208') PRESTRESSED 19-4' (222') PRESTRESSED 19-4' (225') PRESTRESSED 19-4' (225') PRESTRESSED 21'-4' (256') PRESTRESSED 21'-4' (256') PRESTRESSED 21'-4' (256') PRESTRESSED	LENGTH	Type	Type	Type	ENGINE Property Property	Type 68-37 871-27 871-27 871-27 872-417 87	Type	Type

· J 8F8-1B/1T 8F8-0B/1T 8RF14-1B/1T 8F16-0B/1T 8F20-1B/1T 8F24-1B/1T

TYPE DESIGNATION



GENERAL NOTES

vide full mortar head and bed joints

- Provide full mortal nead and body service.
 Shore filled lintels as required.
 Installation of lintel must comply with the architectural and/or
- structural drawings.
- S. Installation of mine in this comply with the architectural and/or structural drawings.

 4. Lintels are manufactured with 5-1/2" long notches at the ends to accommodate vertical cell reinforcing and grouting.

 5. All lintels meet or exceed J/360 vertical deflection, except lintels 17-4" and longer with a nominal height of 6" meet or exceed J/180.

 6. Bottom field added rebar to be located at the bottom of the lintel cavity.

 7. //32" diameter wire stirrups are welded to the bottom steel for mechanical anchorage.

 8. Cast-in-place concrete may be provided in composite lintel in lieu of concrete masony units.

 9. Safe load ratings based on rational design analysis per ACI 318 and ACI 530

SAFE LOAD TABLE NOTES

- All values based on minimum 4" bearing. Exception: Safe loads for unfilled lintels must be reduced by 20% if bearing length is less than 6-1/2". Safe loads for all recessed lintels based on 8" nominal bearing.

 N.R. = Not Rated.
- 3. Safe loads are total superimposed allowable load on the
- section specified.

 Safe loads based on grade 40 or grade 60 field rebar. Additional lateral load capacity can be obtained by the designer by providing addional reinforced masonry above the precast lintel.
- 6. One #7 rebar may be substituted for two #5 rebars in 8"
- The designer may evaluate concentrated loads from the safe load tables by calculating the maximum resisting
- moment and shear at d-away from the face of suppor For composite lintel heights not shown, use safe load from next lower height.
- All safe loads in units of pounds per linear foot.

8" PRECAST W/ 2" RECESS DOOR U-LINTELS

LINTEL NO.

L-1

L-2

L-3

L-4

L-5

L-6

L-7

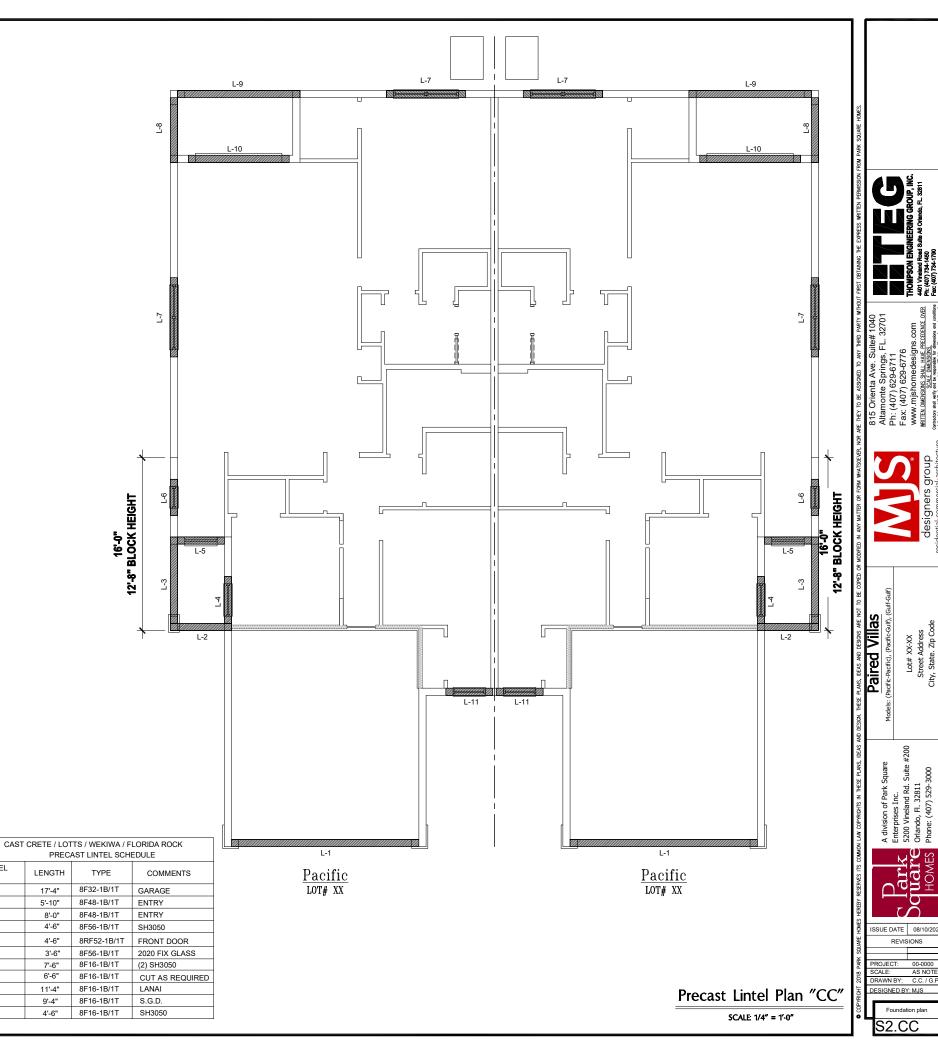
L-8

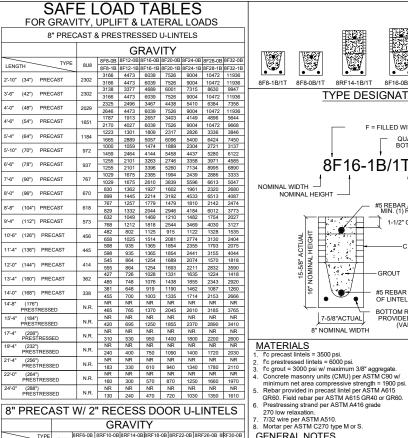
L-9

L-10

L-11

				UF	PLIFT	•			LATERAL		
	TYPE	8RF6-1T	8RF10-1T	8RF14-1T	8RF18-1T	8RF22-1T	8RF26-1T	8RF30-1T			
LENGT	TH		8RF10-2T	8RF14-2T	8RF18-2T	8RF22-2T	8RF26-2T	8RF30-2T	8RU6	8RF6	
4'-4"	(52") PRECAST	1244	1573	2413	3260	4112	4967	5825	932	932	
4-4	(52°) PRECAST	1244	1519	2339	3170	4008	4850	5696	932	932	
4'-6"	(54") PRECAST	1192	1507	2311	3121	3937	4756	5577	853	853	
4-0	(54) FRECASI	1192	1455	2240	3036	3837	4643	5453	853	853	
5'-8"	(68") PRECAST	924*	1172	1795	2423	3055	3689	4325	501	501	
5-8	(68°) PRECASI	924	1132	1741	2357	2978	3603	4230	301	301	
5'-10"	(70") PRECAST	896*	1138	1742	2352	2965	3581	4198	469	469	
3-10	(70) FRECASI	896	1099	1690	2288	2891	3497	4106	403	469	
6'-8"	(80") PRECAST	778	882	1513	2042	2573	3107	3642	830	1100	
0-0	(00) FILLOADI	778	956	1468	1987	2509	3035	3563	030	1100	
7'-6"	(90") PRECAST	688	697	1325	1810	2280	2753	3227	710	941	
/ -0"	(90) FRECASI	688	849	1302	1762	2225	2690	3157	, 10	041	
9'-8"	(116")PRECAST	533*	433	808	1123	1413	1704	1995	516	614	
0-0	(110)FILECASI	533	527	1009	1369	1728	2088	2450	310	014	
	*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR										



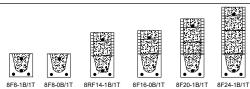


8" PRECAST W/ 2" RECESS DOOR U-LINTELS

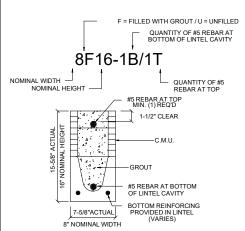
ı				GRAVITY								
Ш	TYPE	anua.	8RF6-0B	8RF10-0B	8RF14-0B	8RF18-0B	8RF22-0B	8RF26-0B 8	RF30-0B			
Ш	LENGTH	8RU6	8RF6-1B	8RF10-1B	8RF14-1B	8RF18-1B	8RF22-1B	8RF26-1B 8	RF30-1B			
Ш	4'-4"(52") PRECAST	1489	1591	3053	2982	3954	4929	5904	6880			
Ш	4-4 (52) FRECAST	1409	1827	3412	4982	6472	7947	9416	10878			
ш	4'-6"(54") PRECAST	1357	1449	2782	2714	3600	4487	5375	6264			
Ш	4-0 (54)T NECAST	1337	1702	3412	4982	6472	7947	9416	10878			
ш	5'-8"(68") PRECAST	785	832	1602	1550	2058	2566	3075	3585			
ш	5-8 (68) PRECAST	703	1153	2162	4074	6472	6516	5814	6839			
ш	5'-10'70") PRECAST	735	779	1500	1449	1924	2400	2876	3352			
ш	5-10/10) FRECAST	733	1103	2051	3811	6472	6516	5450	6411			
Ш	6'-8"(80") PRECAST	822	907	1677	2933	2576	3223	3872	4522			
ı	0-0 (00) PRECAST	022	907	1677	2933	4100	6730	8177	6707			
ı	71 01(001) DDF0 407	665	761	1377	2252	1958	2451	2944	3439			
Ш	7'-6"(90") PRECAST	000	764	1377	2329	3609	5492	6624	5132			
Ш	9'-8"(116")PRECAST	371	420	834	1253	1071	1342	1614	1886			
П	5 5 (1.15)FIXEGAST	3/1	535	928	1497	2179	2618	3595	2875			

8" PRECAST & PRESTRESSED U-LINTELS LIPLIFT

							U	PLIF	-T			LATE	ERAL				
ΣΙ		$\overline{}$	$\overline{}$	TYPE	8F8-1T	8F12-1T	BF16-1T	8F20-1T	BF24-1T	8F28-1T	8F32-1T						
3		LENG	TH		8F8-2T	BF12-2T	BF16-2T	8F20-2T	BF24-2T	8F28-2T	8F32-2T	8U8	8F8				
3					2727	2878	4101	5332	6569	7811	9055						
ŧΙ		2'-10"	(34")	PRECAST	2727	2784	3981	5190	6407	7630	8857	2021	2021				
∮					2165	2289	3260	4237	5219	6204	7192						
3. I		3'-6"	(42")	PRECAST	2165	2215	3165	4125	5091	6061	7036	1257	1257				
3		41.00	(401)	DDECAGE	1878	1989	2832	3680	4532	5387	6245						
8 I		4'-0"	(48")	PRECAST	1878	1925	2750	3583	4422	5264	6110	938	938				
₹ I		4'-6"	(E.4*)	PRECAST	1660	1762	2507	3257	4010	4767	5525						
₹ I		4-6	(34)	PRECASI	1660	1705	2435	3171	3913	4658	5406	727	727				
огоиргиевкторичем маглеа		F1 411	(0.41)	DDECAGE	1393*	1484	2110	2741	3375	4010	4648		505				
₽I		5'-4"	(64-)	PRECAST	1393	1437	2050	2670	3293	3920	4549	505	505				
5 I		5'-10"	(70*)	DDECASE	1272*	1357	1930	2505	3084	3665	4247	440	440				
₽		3-10	(70)	PRECAST	1272	1315	1875	2441	3010	3583	4157	418	418				
CIIGINICALIII	ı	6'-6"	(78*)	PRECAST	1141*	1200	1733	2250	2769	3290	3812	707	887				
	-	(10)	TILLOADI	1141	1182	1684	2192	2703	3216	3732	707	887					
nosdunou	7'-6"	(00*)	PRECAST	959*	912	1475	1914	2354	2797	3240	-04	657					
<u> </u>		7-0	(90)	PRECASI	990	1029	1466	1907	2351	2797	3245	591	007				
5 I	9'-4"	(112")PRECAST	801*	612	980	1269	1560	1852	2144	454	630					
		()1 1 LE 07 LO 1	801	755	1192	1550	1910	2271	2634	434	030					
١	-	(126") PRECAST	716*	498	793	1027	1261	1496	1731	396	493					
Ě		(120	,	716	611	1039	1389	1711	2034	2358	390	493					
3 1		11'-4"	(136")	(136")	(136"	(136")	(136")) PRECAST	666*	439	696	899	1104	1309	1515	363	556
ŧΙ				00 / 1 112 07 10 1	666	535	905	1295	1595	1896	2198	000	330				
≛		12'-0"	(144*) PRECAST	607*	400	631	816	1001	1186	1372	340	494				
Jeers Design I (One Drive		12-0	(144	TILLUADI	631	486	818	1209	1514	1799	2086	340	4.54				
8 1		13'-4"	(160") PRECAST	500*	340	532	686	841	997	1153	302	398				
žΙ		.0 4	(100	,	573	409	682	1004	1367	1637	1897	302	300				
ĩ۱		14'-0"	(168") PRECAST	458*	316	493	635	778	922	1065	286	360				
5 I			(100) TILEONOT	548	378	629	922	1254	1567	1816	200	000				
3		14'-8"	(176		243	295	459	591	724	857	990	N.R.	357				
ΞΙ				TRESSED	243	352	582	852	1156	1491	1742	14.14.	007				
şI		15'-4"	(184		228	278	430	553	677	801	925	NR	327				
ŝ			PRES	TRESSED	228	329	542	791	1072	1381	1676						
ונ		17'-4"	(208		188	236	361	464	567	670	774	N.R.	255				
				STRESSED	188 165	276 207	449	649	874	1121	1389						
		19'-4"	(232	!") STRESSED		_	313	401	490	578	667	N.R.	204				
_					165	239	383	550	736	940	1160		ļ				
5. I	ı	21'-4"	(256	STRESSED	145	186 212	278	356	433	512	590	N.R.	172				
zuza, i z. zapm		22'-0"			142	180	336	477	635	807	993		<u> </u>				
۷.	ı	22-0"	(264 PRES	TRESSED	137	205	268	343	418	493	568	N.R.	161				
3 I		041.01			127	165	322 244	457 312	607 380	771 447	947 515						
š	ı	24'-0"	(288 PRE	B") STRESSED	127	186		0.10			0.0	N.R.	135				
31	Ш		· AL	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	124	100	290	408	538	680	833						



TYPE DESIGNATION



GENERAL NOTES

- vide full mortar head and bed joints
- 1. Provide rull moriar head and dea joins.
 2. Shore filled lintels as required.
 3. Installation of lintel must comply with the architectural and/or structural drawings.
- 3. Installation of inter must comply with the arrunestural and/or structural drawings.
 4. Lintels are manufactured with 5-1/2" long notches at the ends to accommodate vertical cell reinforcing and grouting.
 5. All lintels meet or exceed L/360 vertical deflection, except lintels 17-4" and longer with a nominal height of 8" meet or exceed L/180.
 6. Bottom field added rebar to be located at the bottom of the lintel cavity.
 7. 7/32" diameter wire stirrups are welded to the bottom steel for mechanical anchorage.
 8. Cast-in-place concrete may be provided in composite lintel in lieu of concrete masonry units.
 9. Safe load ratings based on rational design analysis per ACI 318 and ACI 530

SAFE LOAD TABLE NOTES

- All values based on minimum 4" bearing. Exception: Safe loads for unfilled lintels must be reduced by 20% if bearing length is less than 6-1/2". Safe loads for all recessed lintels based on 8" nominal bearing. N.R. = Not Rated.
- 3. Safe loads are total superimposed allowable load on the
- section specified.

 Safe loads based on grade 40 or grade 60 field rebar. Additional lateral load capacity can be obtained by the designer by providing addional reinforced masonry above the precast lintel.
- One #7 rebar may be substituted for two #5 rebars in 8"
- The designer may evaluate concentrated loads from the safe load tables by calculating the maximum resisting
- moment and shear at d-away from the face of support For composite lintel heights not shown, use safe load from next lower height.
 All safe loads in units of pounds per linear foot.

LENGTH

17'-4"

5'-10"

8'-0"

4'-6"

4'-6"

3'-6"

7'-6"

6'-6"

11'-4"

9'-4"

4'-6"

9'-4"

8F48-1B/1T

ENTRY

L-1

L-2

L-3

L-4

L-5

L-6

L-7

L-8

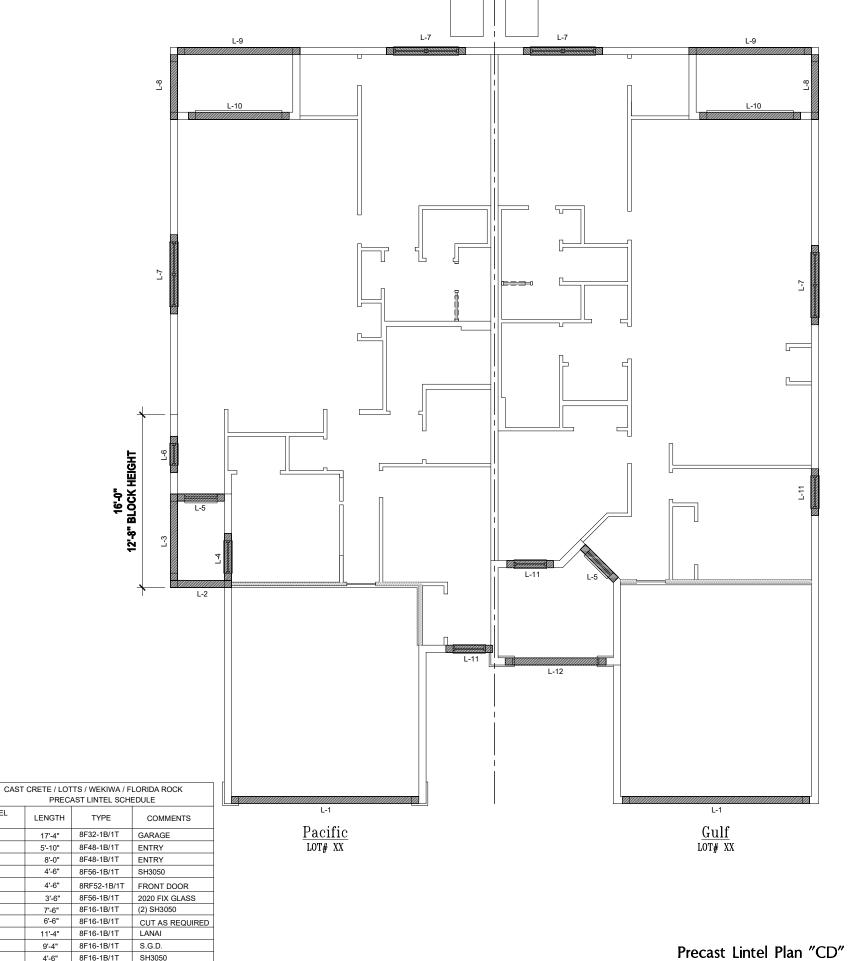
L-9

L-10

L-11

L-12

8"	PRECA	ST W	// 2" F	RECE	ESS E	OOR	l U-LI	NTE	_S	
				UF	PLIFT	•			LATER	AL
	TYPE	8RF6-1T	8RF10-1T	8RF14-1T	8RF18-1T	8RF22-1T	8RF26-1T	8RF30-1T		
LENG:	TH -	8RF6-2T	8RF10-2T	8RF14-2T	8RF18-2T	8RF22-2T	8RF26-2T	8RF30-2T	8RU6	8RF
4'-4"	(52") PRECAST	1244	1573	2413	3260	4112	4967	5825	932	932
4-4	(52') PRECASI	1244	1519	2339	3170	4008	4850	5696	932	932
4'-6"	(54") PRECAST	1192	1507	2311	3121	3937	4756	5577	050	050
4-0	(34) FRECASI	1192	1455	2240	3036	3837	4643	5453	853	853
		924*	1172	1795	2423	3055	3689	4325	501	501
5'-8"	(68") PRECAST	924	1132	1741	2357	2978	3603	4230	501	501
5'-10"	(70") PRECAST	896*	1138	1742	2352	2965	3581	4198	469	469
5-10	(70°) PRECASI	896	1099	1690	2288	2891	3497	4106	409	409
6'-8"	(80") PRECAST	778	882	1513	2042	2573	3107	3642	830	1100
0-0	(00) FRECASI	778	956	1468	1987	2509	3035	3563	830	1100
71.01	(001) DDF040T	688	697	1325	1810	2280	2753	3227	710	941
7'-6"	(90") PRECAST	688	849	1302	1762	2225	2690	3157	/10	941
9'-8"	(116")PRECAST	533*	433	808	1123	1413	1704	1995	516	014
0-0	(110)FRECASI	533	527	1009	1369	1728	2088	2450	316	614
*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR										



Paired Villas SUE DATE 08/10/2023 REVISIONS PROJECT: 00-0000 SCALE: AS NOTI DRAWN BY: C.C. / G.P DESIGNED BY: MJS Foundation plan S2.CD

Precast Lintel Plan "CD" SCALE: 1/4" = 1'-0"

SAFE LOAD TABLES FOR GRAVITY, UPLIFT & LATERAL LOADS 8" PRECAST & PRESTRESSED U-LINTELS CDAVITY

			GRAVITY REA-OR RE712-0B RE716-0B RE724-0B RE724-0B RE728-0B RE728								
	$\overline{}$	TYPE		8F8-0B	8F12-0B	8F16-0B	8F20-0B	8F24-0B	8F28-0B	8F32-0E	
LENG	TH		8U8	8F8-1B	8F12-1B	8F16-1B	8F20-1B	8F24-1B	8F28-1B	8F32-1E	
				3166	4473	6039	7526	9004	10472	11936	
2'-10"	(34")	PRECAST	2302	3166	4473	6039	7526	9004	10472	11936	
3'-6"	(425)	PRECAST	2302	3138	3377	4689	6001	7315	8630	9947	
3-0	(42*)	FRECASI	2302	3166	4473	6039	7526	9004	10472	11936	
4'-0"	(48")	PRECAST	2029	2325	2496	3467	4438	5410	6384	7358	
4-0	(40)	FILLUADI	2029	2646	4473	6039	7526	9004	10472	11936	
4'-6"	(54")	PRECAST	1651	1787	1913	2657	3403	4149	4896	5644	
	. ,		1001	2170	4027	6039	7526	9004	10472	9668	
5'-4"	(64") PRECAST		1184	1223	1301	1809	2317	2826	3336	3846	
	+ (0+) TINEONOT		1104	1665	2889	5057	6096	5400	6424	7450	
5'-10"	(70")	PRECAST	972	1000	1059	1474	1889	2304	2721	3137	
	,			1459	2464	4144	5458	4437	5280	6122	
6'-6"	(78*)	PRECAST	937	1255	2101	3263	2746	3358	3971	4585	
	,		507	1255	2101	3396	5260	7134	8995	6890	
7'-6"	(90")	PRECAST	767	1029	1675	2385	1994	2439	2886	3333	
	(00)	111201101	101	1029	1675	2610	3839	5596	6613	5047	
8'-0"	(96")	PRECAST	670	830	1362	1927	1602	1961	2320	2680	
-	(/			899	1445	2214	3192	4533	6513	4087	
8'-8"	(104")	PRECAST	618	767	1257	1779	1479	1810	2142	2474	
	(104)	,	0.0	829	1332	2044	2946	4184	6012	3773	
9'-4"	(112")	PRECAST	573	632	1049	1469	1210	1482	1754	2027	
		FRECASI			768	1212	1818	2544	3469	4030	3127
10'-6"	(126")	PRECAST	456	482	802	1125	915	1122	1328	1535	
				658 598	1025 935	1514 1365	2081 1854	2774	3130 1793	2404	
11'-4"	(136")	PRECAST	445						_		
				598 545	935 864	1365 1254	1854 1689	2441	3155 1570	4044 1818	
12'-0"	(144")	PRECAST	414			_		_			
_				555 427	864 726	1254 1028	1693 1331	2211 1635	2832 1224	3590 1418	
13'-4"	(160")	PRECAST	362	485	748	1026	1438	1855	2343	2920	
-				381	648	919	1190	1462	1087	1260	
14'-0"	(168")	PRECAST	338	455	700	1003	1335	1714	2153	2666	
14'-8"	(176*)			NR	NR	NR.	NR	NR.	NR	NR	
14-0		RESSED	N.R.	465	765	1370	2045	2610	3185	3765	
15'-4"	(184*)			NR	NR.	NR.	NR.	NR	NR.	NR	
15-4		RESSED	N.R.	420	695	1250	1855	2370	2890	3410	
471.41				NR.	NR	NR	NR	NR	NR	NR	
17'-4"	(208*) PREST) TRESSED	N.R.	310	530	950	1400	1800	2200	2600	
19'-4"	(232"			NR	NR.	NR.	NR.	NR	NR.	NR.	
1 10-4) FRESSED	N.R.	240	400	750	1090	1400	1720	2030	
21'-4"			NR	NR.	NR	NR	NR.	NR	NR		
1	1'-4" (256") PRESTRESSED	N.R.	183	330	610	940	1340	1780	2110		
22'-0"	(264")		NR	NR	NR	NR	NR	NR	NR	
1		, TRESSED	N.R.	160	300	570	870	1250	1660	1970	
24'-0"	(288")		NR	NR	NR	NR	NR	NR	NR	
		TRESSED	N.R.	130	240	470	720	1030	1350	1610	
$\overline{}$.50							

8" PRECAST W/ 2" RECESS DOOR U-LINTELS

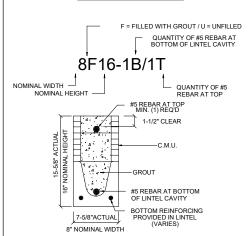
 								
			GF	RAVIT	Υ			
TYPE	00110	8RF6-0B	8RF10-0B	8RF14-0B	8RF18-0B	8RF22-0B	8RF26-0B 8	RF30-0B
LENGTH	8RU6	8RF6-1B	8RF10-1B	8RF14-1B	8RF18-1B	8RF22-1B	8RF26-1B 8	RF30-1B
4'-4"(52") PRECAST	1400	1591	3053	2982	3954	4929	5904	6880
4-4 (32) FRECAST	1409	1827	3412	4982	6472	7947	9416	10878
4'-6"(54") PRECAST	1257	1449	2782	2714	3600	4487	5375	6264
4-0 (34)1 ICCAS1	1489 1357 785 736 822 665	1702	3412	4982	6472	7947	9416	10878
5'-8"(68") PRECAST	705	832	1602	1550	2058	2566	3075	3585
5-8 (68) PRECAST	700	1153	2162	4074	6472	6516	5814	6839
5'-10'70") PRECAST	725	779	1500	1449	1924	2400	2876	3352
3-10/70) FRECAST	733	1103	2051	3811	6472	6516	5450	6411
6'-8"(80") PRECAST	922	907	1677	2933	2576	3223	3872	4522
0-0 (00) PRECAST	022	907	1677	2933	4100	6730	8177	6707
7'-6"(90") PRECAST	005	761	1377	2252	1958	2451	2944	3439
7-6 (90°) PRECAST	003	764	1377	2329	3609	5492	6624	5132
9'-8"(116")PRECAST	274	420	834	1253	1071	1342	1614	1886
3-0 (110)1 NECASI	3/1	535	028	1/107	2170	2619	3505	2975

8" PRECAST & PRESTRESSED U-LINTELS

Ш						LATERAL					
Ш		T)/DF	8F8-1T	8F12-1T	BF16-1T	8F20-1T	BF24-1T	8F28-1T	8F32-1T		
Ш	LENG	TYPE	8F8-2T	8F12-2T	BF16-2T			8F28-2T	8F32-2T	8U8	8F8
Ш	01.40	(O.E.) DDFOAGE	2727	2878	4101	5332	6569	7811	9055	0004	0004
Ш	2'-10"	(34") PRECAST	2727	2784	3981	5190	6407	7630	8857	2021	2021
Ш	3'-6"	(42") PRECAST	2165	2289	3260	4237	5219	6204	7192	1257	1257
Ш	3-0	(42) TILLOADI	2165	2215	3165	4125	5091	6061	7036	1237	1237
Ш	4'-0"	(48") PRECAST	1878	1989	2832	3680	4532	5387	6245	938	938
Ш	<u> </u>	,	1878 1660	1925 1762	2750	3583	4422	5264	6110		
Ш	4'-6"	(54") PRECAST		1705	2507	3257	4010	4767	5525	727	727
Ш	_		1660 1393*	1484	2435	3171 2741	3913	4658 4010	5406 4648	_	-
Ш	5'-4"	(64") PRECAST	1393	1437	2050	2670	3293	3920	4549	505	505
Ш	\vdash	. ,	1272*	1357	1930	2505	3084	3920	4247		
Ш	5'-10"	(70") PRECAST	1272	1315	1875	2441	3010	3583	4157	418	418
Ш			1141*	1200	1733	2250	2769	3290	3812		-
Ш	6'-6"	(78") PRECAST	1141	1182	1684	2192	2703	3216	3732	707	887
			959*	912	1475	1914	2354	2797	3240		
Ш	7'-6"	(90") PRECAST	990	1029	1466	1907	2351	2797	3245	591	657
Ш			801*	612	980	1269	1560	1852	2144		
Ш	9'-4"	(112")PRECAST	801	755	1192	1550	1910	2271	2634	454	630
Ш			716*	498	793	1027	1261	1496	1731		
Ш	10'-6"	(126") PRECAST	716	611	1039	1389	1711	2034	2358	396	493
ı	441.41	(400E) DDE040T	666*	439	696	899	1104	1309	1515		
II	11'-4"	(136") PRECAST	666	535	905	1295	1595	1896	2198	363	556
II	401.01	(4.44E) PDEGAGE	607*	400	631	816	1001	1186	1372	040	404
II	12'-0"	(144") PRECAST	631	486	818	1209	1514	1799	2086	340	494
II	13'-4"	(160") PRECAST	500*	340	532	686	841	997	1153	302	398
II	13-4	(100) PRECAST	573	409	682	1004	1367	1637	1897	302	398
ı	14'-0"	(168") PRECAST	458*	316	493	635	778	922	1065	286	360
ı	_	(100) FILECAST	548	378	629	922	1254	1567	1816	200	300
ı	14'-8"	(176*)	243	295	459	591	724	857	990	N.R.	357
II		PRESTRESSED	243	352	582	852	1156	1491	1742	14.14.	331
ı	15'-4"	(184")	228	278	430	553	677	801	925	N.R.	327
ı	-	PRESTRESSED	228 188	329 236	542	791	1072	1381	1676		
ı	17'-4"	(208*)	188	276	361	464	567	670	774	N.R.	255
II		PRESTRESSED	165	207	449 313	649 401	874 490	1121 578	1389 667		
1	19'-4"	(232") PRESTRESSED	165	239	383	550	736	940	1160	N.R.	204
1	21'-4"		145	186	278	356	433	512	590		
1	21-4	(256*) PRESTRESSED	142	212	336	477	635	807	993	N.R.	172
1	22'-0"	(264")	140	180	268	343	418	493	568		
1	1 3	PRESTRESSED	137	205	322	457	607	771	947	N.R.	161
1	24'-0"	(288")	127	165	244	312	380	447	515		\vdash
ا	1275	(288") PRESTRESSED	124	186	290	408	538	680	833	N.R.	135
ш										_	-

J. 8F8-1B/1T 8F8-0B/1T 8RF14-1B/1T 8F16-0B/1T 8F20-1B/1T 8F24-1B/1T

TYPE DESIGNATION



- MATERIALS

 1. fc precast lintels = 3500 psi.
 2. fc prestressed lintels = 6000 psi.
 3. fc grout = 3000 psi w maximum 3/8" aggregate.
 4. Concrete masonry units (CMU) per ASTM C90 w minimum net area compressive strength = 1900 psi.
 5. Rebar provided in precast lintel per ASTM A615 GR40 or GR60.
 6. Prestressing strand per ASTM A416 grade 270 low relaxation.
 7. 7/32 wire per ASTM A510.
 8. Mortar per ASTM C270 type M or S.
 GENJERALI NOTES

GENERAL NOTES

- Provide full mortar head and bed joints.
 Shore filled lintels as required.
 Installation of lintel must comply with the architectural and/or extractural districtions. 2. Onto elited interes as lequined in the most comply with the architectural and/or structural drawings.

 3. Installation of lintel must comply with the architectural and/or structural drawings.

 4. Lintels are manufactured with 5-1/2" long notches at the ends to accommodate vertical cell reinforcing and grouting.

 5. All lintels meet or exceed L/360 vertical deflection, except lintels 17"-4" and longer with a nominal height of 8" meet or exceed L/180.

 6. Bottom field added rebar to be located at the bottom of the lintel cavily.

 7. 7/32" diameter wire stirrups are welded to the bottom steel for mechanical anchorage.

 8. Cast-in-place concrete may be provided in composite lintel in lieu of concrete masomy units.

 9. Safe load ratings based on rational design analysis per ACI 318 and ACI 530

SAFE LOAD TABLE NOTES

- All values based on minimum 4" bearing. Exception: Safe loads for unfilled lintels must be reduced by 20% if bearing length is less than 6-1/2". Safe loads for all recessed lintels based on 8" nominal bearing.

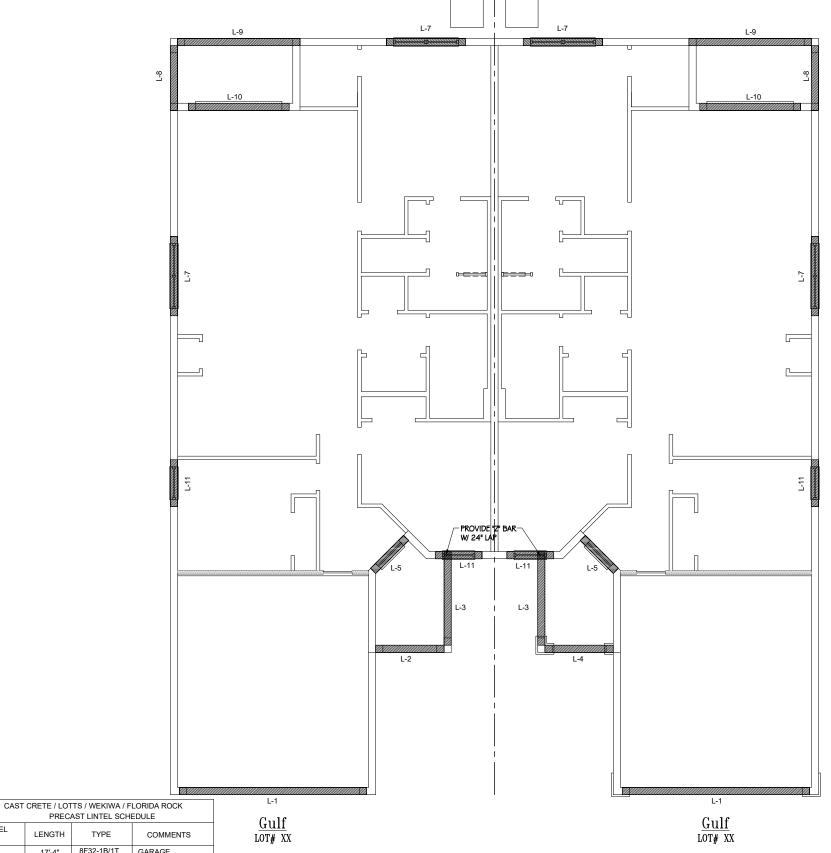
 N.R. = Not Rated.
- 3. Safe loads are total superimposed allowable load on the
- section specified.

 4. Safe loads based on grade 40 or grade 60 field rebar. Additional lateral load capacity can be obtained by the
- designer by providing addional reinforced masonry above the precast lintel.

 6. One #7 rebar may be substituted for two #5 rebars in 8"
- The designer may evaluate concentrated loads from the safe load tables by calculating the maximum resisting
- moment and shear at d-away from the face of support
- For composite lintel heights not shown, use safe load from next lower height.
 All safe loads in units of pounds per linear foot.

8" PRECAST W/ 2" RECESS DOOR U-LINTELS

			UPLIFT						LATERAL	
$\overline{}$	TYPE	8RF6-1T	8RF10-1T	8RF14-1T	8RF18-1T	8RF22-1T	8RF26-1T	8RF30-1T		
LENG	TH THE	8RF6-2T	8RF10-2T	8RF14-2T	8RF18-2T	8RF22-2T	8RF26-2T	8RF30-2T	8RU6	8RF
4'-4" (52") PR	(508) DD5040T	1244	1573	2413	3260	4112	4967	5825	932	932
	(52') PRECASI	1244	1519	2339	3170	4008	4850	5696		
4'-6" (54")	(54") PRECAST	1192	1507	2311	3121	3937	4756	5577	853	853
	(34) FRECASI	1192	1455	2240	3036	3837	4643	5453		
5'-8" (68") PREC	(008) PRE040T	924*	1172	1795	2423	3055	3689	4325	501	501
	(68) PRECASI	924	1132	1741	2357	2978	3603	4230		
5'-10" (70")	(70") PRECAST	896*	1138	1742	2352	2965	3581	4198	469	469
	(70°) PRECASI	896	1099	1690	2288	2891	3497	4106	409	
6'-8" (80")	(80") PRECAST	778	882	1513	2042	2573	3107	3642	830	1100
	(00) FILLOADI	778	956	1468	1987	2509	3035	3563	030	
7'-6" (90	(90") PRECAST	688	697	1325	1810	2280	2753	3227	710	941
	(90°) PRECAST	688	849	1302	1762	2225	2690	3157		
9'-8"	(116")PRECAST	533*	433	808	1123	1413	1704	1995	516	614
		533	527	1009	1369	1728	2088	2450	310	



PRECAST LINTEL SCHEDULE LINTEL NO. LENGTH 8F32-1B/1T L-1 17'-4" GARAGE L-2 6'-6" 8F40-1B/1T ENTRY L-3 8'-8" 8F64-1B/1T ENTRY L-4 8F56-1B/1T ENTRY 6'-6" L-5 4'-6" 8RF68-1B/1T FRONT DOOR L-6 3'-6" 8F56-1B/1T 2020 FIX GLASS L-7 8F16-1B/1T 7'-6" (2) SH3050 L-8 6'-6" 8F16-1B/1T CUT AS REQUIRED L-9 11'-4" 8F16-1B/1T L-10 8F16-1B/1T S.G.D. 9'-4" L-11 4'-6" 8F16-1B/1T SH3050

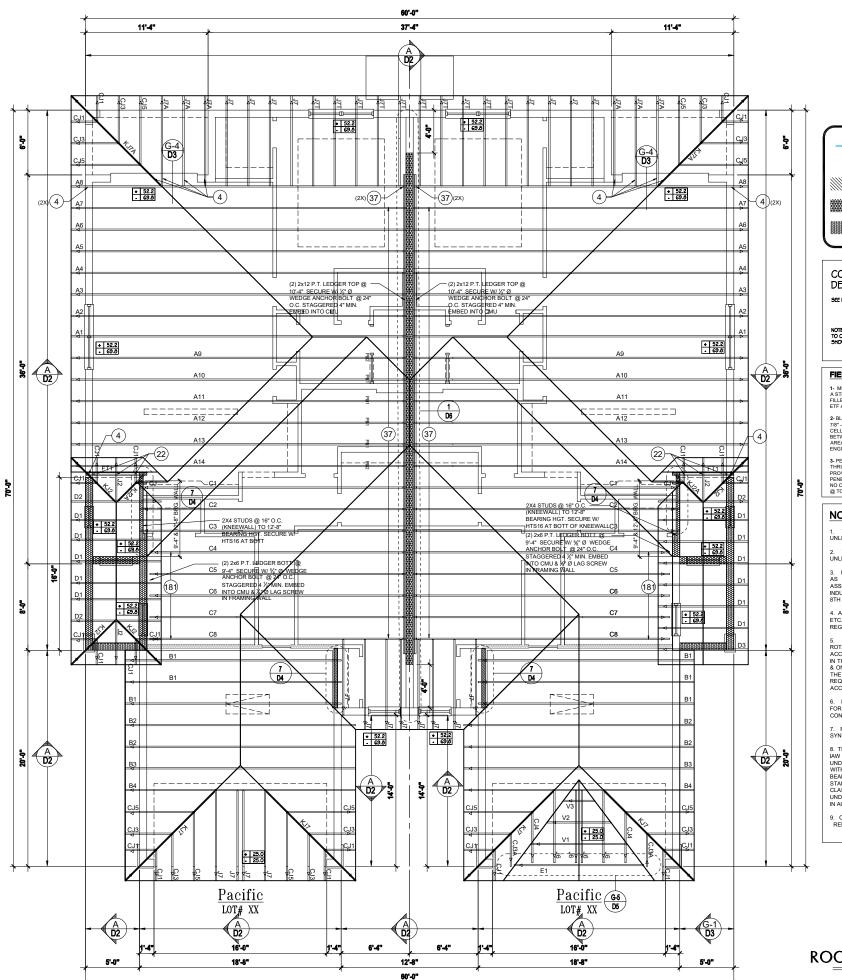
Precast Lintel Plan "DD"

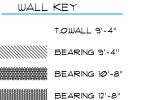
SCALE: 1/4" = 1'-0"

Paired Villas SUE DATE 08/10/2023 REVISIONS PROJECT: 00-0000 SCALE: AS NOTE DRAWN BY: C.C. / G.P DESIGNED BY: MJS Foundation plan S2.DD

CONNECTOR SCHEDULE

TYPE DE 4	SIMPSON ESCRIPTION HETAIG DETAL20 H3 H1 HI09 LU926 H7 H25 A34 L950 H7916 MT916 MT916 MT930 L971A24 M95TA24 M95TA24 M95TA26 SPI SPI SPI SPI SPI 4844 ABU66 CB66 ABU44 AC6 (MAX) HT920 HD8A	FASTENERS PER CONNECTOR 9-IØd x 1?" IS-IØd x 1?" RFT: 4-8d / PLT: 4-8d RFT: 6-8dx!?"/PLT:4-8d RFT: 6-8dx!?"/PLT:4-8d RFT: 7 IRS: 4-8d PLT / 5TD: IØ-8d RFT: 5-8d x 1?" HDR: 4-IØd/JST: 4-IØd RFT / TRS: 4-8d PLT / STD: IØ-8d RFT: 5-8d / PLT: 5-8d H:4-8dx!?"/P:4-8dx!?" (8/Ø)I48xl 1/2" I4-IØd I4-IØd I4-IØd I4-IØd I8-IØd STD:6-IØd / PLT:4-IØd STD:6-IØd / PLT:6-IØd (2) T/8" BOLTS I2-IØd 26-IØd 28-IØd 28-IØd 28-IØd SILL: T/8" BOLTS STUD:(3) T/8"x5?" BOLTS BLOCK: 4-7"x2?" TC	MAX. UPLIFT 1,810 2,480 455 415 1010 935 985 415 365 N/A 1,310 930 1,295 2,135 5,495 5,495 5,495 6,05 885 2,240 2,300 1,815 1,815 1,815 1,910	LAT. LDS. FI / F2 340 / TT0 2000/ 13T6 125 / 160 485 / 165 660/550 N/A 400 / N/A 150 / 150 280 / 303 580 N/A N/A N/A N/A N/A N/A N/A N/
A	HETAI6 DETAL20 H3 H1 H109 LU926 H7 H2.5 A3.4 L95.0 H7816 M793.0 L97.12 STI8 L97.424 M957.436 M957.436 M957.436 M957.436 M957.436 M957.436 ABU66 ABU44 AC6 (MAX) H752.0	PER CONNECTOR 9-I/2d x 17" I8-I/2d x 17" RFT: 4-8d / PLT: 4-8d RFT: 6-8dx1?"/PLT: 4-8d RFT: 6-8d x 17" FLT: 8-8d x 17" HDR: 4-I/2d/JST: 4-I/2d RFT: 5-8d / PLT: 5-8d PLT / STD: I/2-8d RFT: 5-8d / PLT: 5-8d H:4-8dx1?"/P:4-8dx1?" (8/0) 48x1 1/2" I4-I/2d I4-I/2	1,810 2,480 455 415 1010 935 985 415 365 N/A 1,310 990 1,295 2,135 5,495 605 885 2,240 2,300 1,815 1,815 1,815	340 / TTO 2000/ 1376 125 / 160 485 / 165 660/550 N/A 400 / N/A 150 / 150 280 / 303 580 N/A
5	DETAL20 H3 H1 H106 LUS26 H7 H2.5 A34 LS50 H7516 MTS16 MTS30 LS7A12 ST18 LSTA24 MSTA36 MSTC66 SP1 SP2 SPH468 ABU66 CB66 ABU44 AC6 (MAX) HTS20		2,480 455 415 1010 935 985 415 365 N/A 1,310 930 1,295 1,200 1,295 5,495 5,495 5,495 6,05 885 2,240 2,300 1,815 1,815 1,450	2000/ 1376 125 / 160 485 / 165 660/550 N/A 400 / N/A 150 / 150 280 / 303 580 N/A N/A N/A N/A N/A N/A N/A N/A
20 21 22 23 24 26 34 35 31 38 39 43 45 41 11 12 19 80 81 92 93 94 94 95 96 97 98 99 102 103 104 106 116 116 116 116 116 116 116	H3 H1 H109 LU526 H7 H2.5 A3.4 L950 H7916 M7916 M7916 M7930 L97A12 STI8 L97A24 M95A36 M95C66 SPI SP2 SPH468 ABU66 ABU44 AC6 (MAX) H7520	RFT: 4-8d / PLT: 4-8d RFT: 6-8dx1?"/PLT:4-8d RFT: 6-8dx1?"/PLT:4-8d RFT: 8-8d x 1?" PLT: 8-8d x 1?" HDR: 4-10d/JST: 4-10d RFT / TRS: 4-8d PLT / STD: 10-8d RFT: 5-8d / PLT: 5-8d H:4-8dx1?"/P:4-8dx1?" (8)0,148x1 1/2" 14-10d 14-10d 14-10d 14-10d 14-10d 14-10d 14-10d 18-10d 26-10d STD: 6-10d / PLT: 4-10d STD: 6-10d / PLT: 4-10d STD: 6-10d / PLT: 6-10d 12-16d (2) 7/8" BOLT5 STUD: (3) 7/8"X5?" BOLT5	455 475 1010 935 985 415 365 N/A 1,310 990 1,295 2,135 5,495 5,495 6,05 885 2,240 2,300 1,815 1,815 1,450	125 / 160 485 / 165 660/550 N/A 400 / N/A 150 / 150 280 / 303 580 N/A N/A N/A N/A N/A N/A N/A N/A
20 21 22 23 24 26 34 35 31 38 39 43 45 41 11 12 19 80 81 92 93 94 94 95 96 97 98 99 102 103 104 106 116 116 116 116 116 116 116	H3 H1 H109 LU526 H7 H2.5 A3.4 L950 H7916 M7916 M7916 M7930 L97A12 STI8 L97A24 M95A36 M95C66 SPI SP2 SPH468 ABU66 ABU44 AC6 (MAX) H7520	RFT:6-8dx1?"/PLT:4-8d RFT: 8-8d x 1?" PLT: 8-8d x 18" PLT / STD: 10-8d RFT:5-8d / PLT: 5-8d H:4-8dx1?"/P:4-8dx1?" (8/0).148x1 1/2" 14-10d 14-10d 14-10d 14-10d 14-10d 14-10d 18-10d 26-10d 64-16d SINKERS STD:6-10d / PLT:4-10d STD:6-10d / PLT:6-10d 12-16d (2) 7/8" BOLTS 12-16d 28-16d 28-16d 28-16d 20-10d SILL: 7/8" BOLT STUD:(3) 7/8"X5?" BOLTS	455 475 1010 935 985 415 365 N/A 1,310 990 1,295 2,135 5,495 5,495 6,05 885 2,240 2,300 1,815 1,815 1,450	485 / 165 660/550 N/A 400 / N/A 150 / 150 280 / 303 580 N/A
22 23 24 26 34 35 31 38 39 43 45 41 11 72 19 80 81 90 89 92 93 A 94 A 95 96 91 98 91 102 103 104 HE 110 1168 181 184 214 HH 216	HI05 LUS26 HT H2.5 A34 LS50 HTSI6 MTSI6 MTSI6 MTS32 LSTA12 STI8 LSTA24 MSTA36 MSTC66 SPI SP2 SPH4.8 ABU66 CB66 ABU44 AC6 (MAX) HTS20	RFT:6-8dx1?"/PLT:4-8d RFT: 8-8d x 1?" PLT: 8-8d x 18" PLT / STD: 10-8d RFT:5-8d / PLT: 5-8d H:4-8dx1?"/P:4-8dx1?" (8/0).148x1 1/2" 14-10d 14-10d 14-10d 14-10d 14-10d 14-10d 18-10d 26-10d 64-16d SINKERS STD:6-10d / PLT:4-10d STD:6-10d / PLT:6-10d 12-16d (2) 7/8" BOLTS 12-16d 28-16d 28-16d 28-16d 20-10d SILL: 7/8" BOLT STUD:(3) 7/8"X5?" BOLTS	935 985 415 365 N/A 1310 990 990 1295 2,135 5,495 535 605 885 2240 2,300 1,815 1,815 1,450	660/550 N/A 400 / N/A 150 / 150 280 / 303 580 N/A N/A N/A N/A N/A N/A N/A N/
23 24 26 34 35 37 38 39 43 45 47 71 71 72 79 80 81 90 89 92 93 A 94 A 95 96 97 98 99 102 103 104 HE 110 1168 181 184 214 HH 216	HI05 LUS26 HT H2.5 A34 LS50 HTSI6 MTSI6 MTSI6 MTS32 LSTA12 STI8 LSTA24 MSTA36 MSTC66 SPI SP2 SPH4.8 ABU66 CB66 ABU44 AC6 (MAX) HTS20	PLT: 8-8d x 1?" HDR: 4-10d/JST: 4-10d RFT / TRS: 4-8d PLT / STD: 10-8d RFT:5-8d / PLT: 5-8d H:4-8dx1?"/P:4-8dx1?" (8/0,148x1 1/2" 14-10d 14-10d 14-10d 14-10d 14-10d 14-10d 14-10d 12-10d 14-10d 12-10d 26-10d 64-16d SINKERS STD:6-10d / PLT:4-10d STD:6-10d / PLT:6-10d 12-10d x 1?" 12-16d 28-16d 28-16d 28-16d 28-16d SILL: 7/8" BOLT STUD:(3) 7/8"X5?" BOLTS	935 985 415 365 N/A 1,310 990 990 1,295 2,135 5,495 605 885 2,240 2,300 1,815 1,815 1,450	660/550 N/A 400 / N/A 150 / 150 280 / 303 580 N/A N/A N/A N/A N/A N/A N/A N/
24 26 34 35 37 38 39 43 45 47 71 72 79 80 81 90 89 92 93 A 94 A 95 96 97 98 99 102 1003 104 HE 110 1168 181 184 214 HH 215 H	HT H2.5 A3.4 L55.0 HT916 MT916 MT916 MT916 MT918 L9TA12 ST18 L9TA24 M9TA36 M9TC66 SPI SP2 SPH4.68 ABU66 CB66 ABU44 AC6 (MAX) HT92.0	HDR: 4-IØd/JST: 4-IØd RFT / TRS: 4-8d PLT / STD: IØ-8d RFT:5-8d / PLT: 5-8d H:4-8dxl?"/P:4-8dxl?" (8/Ø).148xl I/2" I4-IØd I4-IØd I4-IØd I6-IØd I8-IØd 26-IØd 64-I6d SINKERS STD:6-IØd / PLT:4-IØd STD:6-IØd / PLT:6-IØd I2-IØd x 1?" I2-I6d (2) T/8" BOLTS STUD:(3) T/8"X5?" BOLTS	985 415 365 N/A 1,310 990 990 1,295 2,135 5,495 5,395 605 885 2,240 2,300 1,815 1,815 1,450	400 / N/A
26 34 35 31 38 39 43 45 41 11 12 19 80 81 19 89 92 93 A 94 A 95 96 97 98 99 102 103 104 110 116 110 1168 1181 1184 214 114 215 14	H2.5 A34 L95Ø HT91Ø MT91Ø MT93Ø L97A12 STI8 L97A24 MSTA36 MSTC66 SPI SP2 SPH468 ABU66 CB66 ABU44 AC6 (MAX) HT92Ø	PLT / STD: IØ-8d RFT:5-8d / PLT: 5-8d H:4-8dx ?"/P:4-8dx ?" (8)Ø: 48x 1/2" I4-IØd I4-IØd I4-IØd I4-IØd I4-IØd I4-IØd SED: SED: SED: SED: SED: SED: SED: SED:	415 365 N/A 1,310 990 9905 1,200 1,295 2,335 5,495 5,495 6,05 885 2,240 2,300 1,815 1,815 1,450	150 / 150 280 / 303 580 N/A N/A N/A N/A N/A N/A N/A N/A
34 35 37 38 39 43 45 47 71 72 79 80 81 90 89 92 93 A 94 A 95 96 97 98 99 102 103 104 110 1168 1181 1184 214 1168 1216	A34 L950 H7916 MT916 MT916 MT930 L97A12 9T18 L97A24 MSTA36 M91C66 9P1 9P2 9PH46,8 ABU66 CB66 ABU44 AC6 (MAX) HT920	RFT:5-8d / PLT: 5-8d H:4-8dx ?"/P:4-8dx ?" (8)0, 48x 1/2" 4- 0d 4- 0d 4- 0d 4- 0d 4- 0d 4- 0d 64- 0d 64- 0d 64- 0d 64- 0d / PLT:4- 0d 5TD:6- 0d / PLT:6- 0d 12- 0d x ?" 12- 0d (2) 7/8" BOLTS	365 N/A 1,310 990 905 1,200 1,295 2,135 5,495 5,495 605 885 2,240 2,200 1,815 1,815 1,450	280 / 303 580 N/A
35 37 38 37 38 39 43 45 47 71 71 72 79 80 81 90 89 92 93 A 94 A 95 96 97 98 99 102 103 104 HE 1168 181 184 214 H 215 H	L950 HT916 HT916 HT930 L97A12 STI8 L97A24 M95TA36 M95TC66 SPI SP2 SPH468 ABU66 CB66 ABU44 AC6 (MAX) HT920	(8)0,148x1 1/2" 14-10d 14-10d 14-10d 10-10d 14-16d 18-10d 26-10d 64-16d SINKERS STD:6-10d / PLT:4-10d STD:6-10d / PLT:6-10d 12-10d x 17" 12-16d (2) 7/8" BOLTS STU: 178" BOLT STUD:(3) 7/8"X5?" BOLTS	N/A 1,310 930 930 1295 1,200 1295 2,335 5,495 5,495 6,05 885 2,240 2,300 1,815 1,815 1,450	580 N/A N/A N/A N/A N/A N/A N/A 560 / 260 N/A N/A N/A N/A N/A N/A N/A N/A
31 38 39 43 45 47 11 12 19 80 81 90 89 92 93 A 94 A 95 96 91 98 99 102 103 104 HE 116 116 116 116 116 116 116 11	HT916 MT916 MT930 L9TA12 9T18 L9TA24 M9TA36 M9TC66 SPI SP2 9PH4.68 ABU66 CB66 ABU44 AC6 (MAX) HT920	(8)0,148x1 1/2" 14-10d 14-10d 14-10d 10-10d 14-16d 18-10d 26-10d 64-16d SINKERS STD:6-10d / PLT:4-10d STD:6-10d / PLT:6-10d 12-10d x 17" 12-16d (2) 7/8" BOLTS STU: 178" BOLT STUD:(3) 7/8"X5?" BOLTS	1,310 990 990 1,295 1,295 2,135 5,495 6,05 885 2,240 2,300 1,815 1,815 1,450	N/A
38 39 43 45 47 71 71 72 79 80 81 90 89 92 93 A 94 A 95 96 97 98 99 102 103 104 HE 110 1168 181 184 214 HH 216	HT916 MT916 MT930 L9TA12 9T18 L9TA24 M9TA36 M9TC66 SPI SP2 9PH4.68 ABU66 CB66 ABU44 AC6 (MAX) HT920	14-10d 14-10d 14-10d 10-10d 14-16d 18-10d 26-10d 64-16d SINKERS STD:6-10d / PLT:6-10d 12-10d x 17" 12-16d (2) 7/8" BOLTS 12-16d 28-16d 28-16d 28-10d SILL: 7/8" BOLT STUD:(3) 7/8"X5?" BOLTS	990 990 905 1205 1,295 2,135 5,495 535 605 885 2,240 2,300 2,200 1,815 1,815	N/A
39 43 45 47 71 71 72 79 80 81 89 89 92 93 A 94 A 95 96 97 98 99 102 103 104 110 167 168 181 184 214 H 216 H	MT930 LSTAI2 STI8 LSTA24 MSTA36 MSTC66 SPI SP2 SPH46,8 ABU66 CB66 ABU44 AC6 (MAX) HTS20	14-10d 10-10d 14-16d 18-10d 14-16d 18-10d 26-10d 64-16d SINKERS STD:6-10d / PLT:4-10d STD:6-10d / PLT:6-10d 12-10d x 1?" 12-16d (2) 7/6" BOLTS 12-16d 28-16d 28-16d 28-10d \$ILL: 7/8" BOLT STUD:(3) 7/8"X5?" BOLTS	990 990 905 1205 1,295 2,135 5,495 535 605 885 2,240 2,300 2,200 1,815 1,815	N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A
39 43 45 47 71 71 72 79 80 81 89 89 92 93 A 94 A 95 96 97 98 99 102 103 104 110 167 168 181 184 214 H 216 H	MT930 LSTAI2 STI8 LSTA24 MSTA36 MSTC66 SPI SP2 SPH46,8 ABU66 CB66 ABU44 AC6 (MAX) HTS20	14-10d 10-10d 14-16d 18-10d 14-16d 18-10d 26-10d 64-16d SINKERS STD:6-10d / PLT:4-10d STD:6-10d / PLT:6-10d 12-10d x 1?" 12-16d (2) 7/6" BOLTS 12-16d 28-16d 28-16d 28-10d \$ILL: 7/8" BOLT STUD:(3) 7/8"X5?" BOLTS	990 905 1200 1295 2,35 5,495 535 605 885 2,240 2,300 2,200 1,815 1,815	N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A
43 45 47 71 71 72 79 80 81 81 89 92 93 44 94 45 47 71 11 72 79 80 81 81 89 92 93 94 94 95 96 97 98 99 102 103 104 110 1107 1168 1181 1184 214 44 215 4	LSTAI2 STIB LSTA24 MSTA36 MSTC66 SPI SP2 SPH46,8 ABU66 CB66 ABU44 AC6 (MAX) HTS20		905 1200 1295 2,35 5,495 535 605 885 2,240 2,300 2,200 1,815 1,450	N/A N/A N/A N/A N/A 560 / 260 560 / 260 N/A N/A N/A N/A 1,010 1,010 N/A
45 47 11 12 19 80 81 90 81 92 93 A 94 A 95 96 91 98 99 102 103 104 HE 1168 181 184 214 H 215 H	STI8 LSTA24 MSTA36 MSTC66 SPI SP2 SPH468 ABU66 CB66 ABU44 AC6 (MAX) HTS20	14-16d 18-10d 26-10d 26-10d 64-16d SINKERS STD:6-10d / PLT:4-10d STD:6-10d / PLT:6-10d 12-10d x 17" 12-16d (2) 7/8" BOLTS 12-16d 28-16d 28-16d 28-16d 20-10d SILL: 7/8" BOLT STUD:(3) 7/8"X5?" BOLTS	1,200 1,295 2,135 5,495 535 605 885 2,240 2,300 2,200 1,815 1,450	N/A N/A N/A N/A 560 / 266 N/A N/A N/A N/A N/A N/A N/A N/A N/A
41	LSTA24 MSTA36 MSTC66 SPI SP2 SPH4.6,8 ABU66 CB66 ABU44 AC6 (MAX) HTS20	8- 0d 26- 0d 64- 6d SINKERS STD:6- 0d / PLT:4- 0d STD:6- 0d / PLT:6- 0d 12- 0d x 1" 12- 6d (2) 7/8" BOLTS 12- 6d 28- 6d 28- 6d 28- 6d 29- 0d SILL: 1/8" BOLT STUD:(3) 7/8"x5?" BOLTS	1,295 2,135 5,495 535 605 885 2,240 2,300 2,200 1,815 1,450	N/A N/A N/A 560 / 260 560 / 260 N/A N/A 985 N/A 1,070 1,070 N/A
71	MSTA36 MSTC66 SPI SP2 SPH46,8 ABU66 CB66 ABU44 AC6 (MAX) AC4 (MAX) HTS20	26-IØd 64-I6d SINKERS STD:6-IØd / PLT:4-IØd STD:6-IØd / PLT:6-IØd 12-IØd x 17" 12-I6d (2) 7/8" BOLTS 12-I6d 28-I6d 28-I6d 29-IØd SILL: 7/8" BOLT STUD:(3) 7/8"X5?" BOLTS	2,l35 5,495 535 605 885 2,240 2,300 1,815 1,450	N/A N/A 560 / 260 560 / 260 N/A N/A 985 N/A 1,070 1,070 N/A
72 79 80 80 81 90 89 92 93 A 94 95 96 97 98 99 102 103 104 110 1167 1168 181 184 214 44 215 4	MSTC66 SPI SP2 SPH4,6,8 ABU66 CB66 ABU44 AC6 (MAX) AC4 (MAX) HT920	64-16d SINKERS STD:6-10d / PLT:4-10d STD:6-10d / PLT:6-10d 12-10d x 17" 12-16d (2) 7/8" BOLTS 12-16d 28-16d 28-16d 20-10d SILL: 7/8" BOLT STUD:(3) 7/8"X5?" BOLTS	5,495 535 605 885 2,240 2,300 1,815 1,450	N/A 560 / 260 560 / 260 N/A N/A 985 N/A I,ØTØ I,ØTØ N/A
79 80 81 90 81 92 93 94 94 95 96 97 98 99 102 103 104 HE 1168 181 184 214 HH 215 H	SPI SP2 SPH4,6,8 ABU66 CB66 ABU44 AC6 (MAX) HTS20	\$TD:6-IØd / PLT:4-IØd \$TD:6-IØd / PLT:6-IØd I2-IØd x I?" I2-IØd (2) T/Ø" BOLTS I2-I6d 26-I6d 28-I6d 20-IØd \$ILL: T/Ø" BOLT \$TUD:(3) T/Ø"X5?" BOLTS	535 605 885 2,240 2,300 2,200 1,815 1,815 1,450	560 / 260 560 / 260 N/A N/A 985 N/A 1,070 N/A
80 81 90 83 92 93 94 94 95 96 97 98 99 102 103 104 HE 116 116 116 116 116 116 116 116 116 11	5P2 5PH4,6,8 ABU66 CB66 ABU44 AC6 (MAX) AC4 (MAX) HT520	STD:6-IØd / PLT:6-IØd 12-IØd x 17" 12-I6d (2) 7/8" BOLTS 12-I6d 28-I6d 28-I6d 20-IØd SILL: 7/8" BOLT STUD:(3) 7/8"X5?" BOLTS	605 885 2,240 2,300 2,200 1,815 1,815 1,450	N/A N/A N/A 985 N/A 1,070 1,070 N/A
81	9PH46,8 ABU66 CB66 ABU44 AC6 (MAX) AC4 (MAX) HT920	12-1Ød x 17" 12-16d (2) 7/8" BOLTS 12-16d 28-16d 28-16d 28-16d 20-10d SILL: 7/8" BOLT STUD:(3) 7/8"×5?" BOLTS	885 2,240 2,300 2,200 1,815 1,815 1,450	N/A N/A 985 N/A 1,ØTØ 1,ØTØ N/A
90 89 92 93 94 4 95 96 97 98 99 102 103 104 110 167 168 181 184 214 H	ABU66 CB66 ABU44 AC6 (MAX) AC4 (MAX) HT920	12-16d (2) 7/8" BOLTS 12-16d 28-16d 28-16d 28-16d 20-10d SILL: 1/8" BOLT STUD:(3) 1/8"×5?" BOLTS	2,240 2,300 2,200 1,815 1,815 1,450	N/A 985 N/A 1,070 1,070 N/A
89 92 93 A 94 A 95 96 97 98 99 102 103 104 110 1167 1168 1181 1184 214 41 215 4	CB66 ABU44 AC6 (MAX) AC4 (MAX) HT920	(2) 7/8" BOLTS 12-16d 28-16d 28-16d 29-10d \$ILL: 7/8" BOLT \$TUD:(3) 7/8"X5?" BOLTS	2,300 2,200 1,815 1,815 1,450	985 N/A 1,070 1,070 N/A
92 93 94 94 95 96 97 98 99 102 103 104 110 167 1168 181 184 214 HE 215 HE	ABU44 AC6 (MAX) AC4 (MAX) HT920	12-16d 28-16d 28-16d 20-10d 9(LL: 7/8" BOLT \$TUD:(3) 7/8"X5?" BOLTS	2,200 1,815 1,815 1,450	N/A 1,070 1,070 N/A
93 A 94 A 95 96 97 98 99 102 103 104 HE 116 168 181 184 214 H 216 F 216	AC6 (MAX) AC4 (MAX) HTS2Ø	28-16d 28-16d 20-10d SILL: 1/8" BOLT STUD:(3) 1/8"×5?" BOLTS	1,815 1,815 1,450	1,Ø70 1,Ø70 N/A
94 A 95 96 97 98 99 102 103 104 HE 110 165 181 184 214 H	4C4 (MAX) HT62Ø	28-16d 20-10d SILL: 1/8" BOLT STUD:(3) 1/8"×5?" BOLTS	1,815 1,45Ø	1,Ø70 N/A
95 96 97 98 99 102 103 104 110 167 168 181 184 214 44 215 4	HT62Ø	20-10d SILL: 7/8" BOLT STUD:(3) 7/8"X5?" BOLTS	1,450	N/A
96 97 98 99 102 103 104 110 167 168 181 184 214 HE 215 HE		SILL: 7/8" BOLT STUD:(3) 7/8"X5?" BOLTS		
97 98 99 102 103 104 110 167 168 181 184 214 41 215 4		9TUD:(3) 7/8"X5?" BOLT9		
98 99 102 103 104 HD 110 167 168 181 184 214 H 215 H				IN/A
99 102 103 104 HE 110 167 168 181 184 214 H 215 H	MTSM16	JOIST : 7-10d	860	N/A
99 102 103 104 HE 110 110 110 110 110 110 110 11	HTT4	SILL: 7/8" BOLT	4,235	N/A
102 103 104 HD 110 167 168 181 184 214 H		STRAP: 18-16d	1	
103 104 HD 110 167 168 181 184 214 H	A35	H:4-8dxl?"/P:4-8dxl?"	440	440 / N/A
104 HE 110 167 168 181 184 214 H 215 F	HTT5	7/8" BOLT/ 26-10d	4,275	N/A
110 167 168 181 184 214 H 215 H	VGTR/L	32-SDS?"×3"/(2) T/8" BLT	3,990	N/A
167 168 181 184 214 H 215 H	DU8-SDS2.5	7/8" BLT/2Ø-SDS ?"x2?"	5,020	N/A
168 181 184 214 H 215 H	HCP2	12-10d x 1?"	520	260 / N/A
181 184 214 H 215 F	HHUS46	H:14-16d/J:6-16d	1,550	N/A
184 214 H 215 F 216	U46	H:8-10d/J:4-10d	710	N/A
214 H 215 H 216	HUS26	2Ø-16d	1,550	N/A
215 H	HUC28-2	H:14-16d/J:4-10d	1,085	N/A
215 H	-1UC212-3TF	HD:16-3/16"X1?" TAPCON	1,135	N/A
216	HGUS21Ø-2	BM: 6-16d HDR:46-16d/JST:10-16d	2,720	N/A
		BLOCK: 10-7"X17" TC		
217	HUS412	JOIST : 10-16d BLOCK: 10-?"XI?" TC	3,240	N/A
	HUS212-2	JOIST : 10-16d	2,630	N/A
219	MBHA412	H:1-ATR3/4×8 TOP&FACE JOIST: 18-10d	3,145	N/A
22Ø H	GAMIØKTA	(4)1/4"x2 3/4" TITEN	810	875/1105
226 MI	1BHA4.75/12	HDR : (2) 3/4" ? x 8" JOIST : 18-10d	2,160	N/A
231 ME		HDR : (2) 3/4" ? x 8" JOIST : 18-10d	3,450	N/A
232 ME	BHA3.56/16	HDR: (2) 3/4" ? x 8"	3,450	N/A
	BHA3.56/16 BHA5.50/16	JOIST : 18-10d	1,7	
24Ø	BHA5.50/16	R:2-10dx1?"P:10-10dx1?"	1,470	48Ø / N/A
241	BHA5.50/16 H16		2000	1015 / 440
3Ø1	BHA5.50/16 H16 LGT2	30-16d-sinker	120/5	N/A
	BHA5.50/16 H16 LGT2 MGT	(1) 5/8"BLT5./GIR: 22-10d	3,965	
3Ø3	BHA5.50/16 H16 LGT2 MGT 	(1) 5/8"BLT5./GIR: 22-10d LTL:3/4"BLT5./GIR: 8-10d	6485	N/A
	BHA5.50/16 H16 LGT2 MGT 	(1) 5/8"BLT5/GIR: 22-10d LTL:3/4"BLT5/GIR: 8-10d LTL:3/4"BLT5/GIR: 16-10d	6485 9,250	N/A
T CO	BHA5.50/16 H16 LGT2 MGT	(1) 5/8"BLT5./GIR: 22-10d LTL:3/4"BLT5./GIR: 8-10d	6485 9,250 1,700	





COMPONENT & CLADDING DESIGN WIND PRESSURES

SEE PLAN DESIGN WIND PRESSURE

+ XXX ULTIMATE DESIGNED POSITIVE PRESSURE
- XXX ULTIMATE DESIGNED NEGATIVE PRESSURE

Note: Design Pressures based ultimate wind speed to obtain nominal "Asd" wind pressures multiply values shown by a factor of 0.6

FIELD REPAIR NOTES

- 1- MISSED FOOTING DOWELS MAY BE SUBSTITUTED W/ A STRAIGHT #5 REBAR SET IN A 3/4" DIA. x 6" DEEP HOLE FILLED W/ UNITEX PROPOXY 300 OR SIMPSON SET OR ETF ADHESIVES.
- 2- BLOCK WALL OVERHANGING SLAB CONDITION: UP TO 178" NO REPAIR NECESSARY 78" TO 13" ADD FILLED CELL (NO VERTICAL STEEL) MIDPOINT OF WALL BETWEEN EXISTING FILLED CELLS (WITH STEEL) IN AREAS AFFECTED. 113" REQUI
- 3- PENETRATION OF PLUMBING PIPES/DRYER VENTS THRU PLATES OF A LOAD BEARING WALL MAY OCCUR THIND PLATES OF A LOAD BEARING WALL MAY OCCUP
 PROVIDED DBL. STUDS ARE ADDED ON EITHER SIDE OF
 PENETRATION WITHIN 3" AND TRUSS/FLOOR TRUSS IS
 NO CLOSER THAN 3" FROM PENETRATION. ADD (1) MTS12

 @ TOP AND BOTTOM PLATE

NOTES

- 1. TYPICAL ROOF GABLE OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
- 3. PROVIDE AND INSTALL FLASHING AND ROOFING AS PER NATIONAL ROOFING AND SHEET METAL ASSOC.STANDARDS AND/ OR ACCEPTABLE INDUSTRY PRACTICE AND IN ACCORDANCE WITH 8TH EDITION (2023)FLORIDA RESIDENTIAL CODE.
- 4. ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZE BY TRUSS MANUFACTURER OR FL. REG. ENG.
- 5. TRUSSES SHALL BE BRACED TO PREVENT ROTATION & PROVIDE LATERAL STABILITY KIN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONSTRUCTION DOCUMENTS FOR BUILDING & ON THE INDIVIDUAL TRUSS DESIGN DRAWINGS IN THE ABSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUSSES SHALL BE BRACED IN ACCORDANCE WITH TPIWTCA BCSI 1.
- 6. REFER TO TRUSS MANUFACTURERS DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
- 7. ROOF UNDERLAYMENT TO BE USED IS 30 LBS. SYNTHETIC FELT.
- 8. TILE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2023, 8TH EDITION R905.1.1
 UNDERLAYMENT MATERIALS RECUIRED TO COMPLY WITH ASTM D226, D1970, D4899 AND D6757 SHALL BEAR A LABEL INDICATING COMPLIANCE TO THE STANDARD DESIGNATION AND, IF APPLICABLE, TYPE CLASSIFICATION INDICATED IN TABLE R905.1.1.1 UNDERLAYMENT SHALL BE APPLIED AND ATTACHED IN ACCORDANCE WITH TABLE R905.1.1.1
- 9. OFF RIDGE VENTS MAXIMUM OPENING SIZES: REFER TO MANUFACTURE SPECIFICATIONS.

ROOF TRUSSES Plan "CC"

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

815 Orienta Ave. Suite Altamonte Springs, FL. Ph. (407) 629-6711 Fax. (407) 629-6714 www.mjshomedesigns. WITEN DMENSORS SAUL HANK PER. OCCURRED BY ONE MENDROSSIA.

Lot# X Street Av 7, State.

A division of Park Square Enterprises Inc. 5200 Vineland Rd. Suite #2 Orlando, Fl. 32811 Phone: (407) 529-3000

 $S_{\substack{\mathsf{dark} \ \mathsf{HOMES}}}$

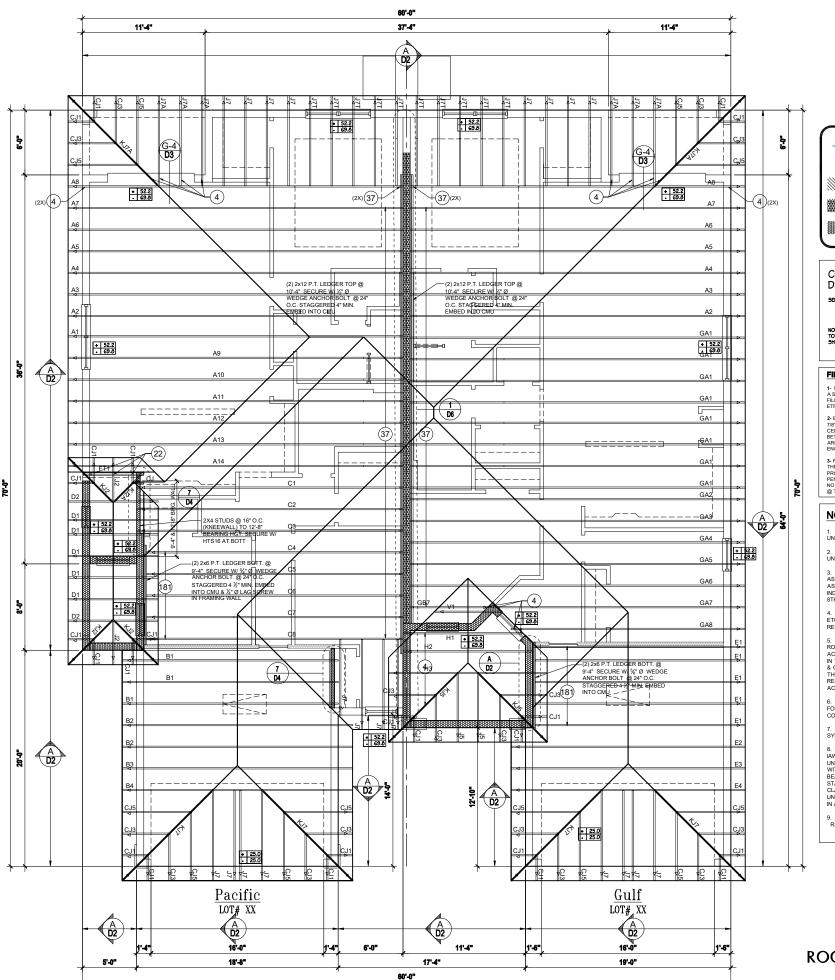
REVISIONS

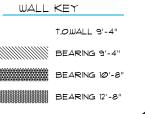
DRAWN BY: C.C. / G.P. DESIGNED BY: MJS

Foundation plan S3.CC

CONNECTOR SCHEDULE

CONN	ECTOR S	CHEDULE			
CONNECT.	SIMPSON		MAX.	LAT. LDS.	
TYPE	DESCRIPTION	FASTENERS	uPLIFT	FI / F2	
4		PER CONNECTOR	1010	240 (770	
	HETA16	9-10d x 1?"	1,810	340 / 110	
5	DETAL2Ø	18-10d x 1?"	2,480	2000/1370	
20	H3	RFT: 4-8d / PLT: 4-8d	455	125 / 160	
21	H1	RFT:6-8dx1?"/PLT:4-8d	475	485 / 165	
22	H1Ø5	RFT: 8-8d x 1?" PLT: 8-8d x 1?"	1010	660/550	
23	LUS26	HDR: 4-10d/JST: 4-10d	935	N/A	
24	НТ	RFT / TRS: 4-8d PLT / STD: 10-8d	985	400 / N/A	
26	H2.5	RFT:5-8d / PLT: 5-8d	415	150 / 150	
34	A34	H:4-8dx1?"/P:4-8dx1?"	365	280 / 303	
35	LS5Ø	(8)Ø.148×1 1/2"	N/A	580	
37	HTS16	14-10d	1,310	N/A	
38	MTS16	14-10d	990	N/A	
39	MT53Ø	14-10d	990	N/A	
43	LSTA12	10-10d	905	N/A	
45	STIS	14-16d	1,200	N/A	
47	LSTA24	18-1Ød	1,295	N/A	
71	MSTA36	26-10d	2,135	N/A	
72	MSTC66	64-16d SINKERS	5,495	N/A	
79	SPI	STD:6-10d / PLT:4-10d	535	560 / 260	
80	5P2	STD:6-10d / PLT:6-10d	605	560 / 260	
81	SPH4,6,8	12-10d x 1?"	885	N/A	
90	ABU66	12-16d	2,240	N/A	
89		(2) 7/8" BOLTS	2,240	985	
	CB66		- /		
92	ABU44	12-16d	2,200	N/A	
93	AC6 (MAX)	28-16d	1,815	1,070	
94	AC4 (MAX)	28-16d	1,815	1,070	
95	HTS2Ø	20-10d	1,450	N/A	
96	HD8A	\$ILL: 7/8" BOLT \$TUD:(3) 7/8"X5?" BOLT\$	7,910	N/A	
Γe	MTSM16	BLOCK: 4-?"×2?" †C JOIST : 7-10d	860	N/A	
98	HTT4	SILL: 7/8" BOLT STRAP: 18-16d	4,235	N/A	
99	A35	H:4-8dx1?"/P:4-8dx1?"	440	440 / N/A	
1Ø2	HTT5	7/8" BOLT/ 26-10d	4,275	N/A	
1Ø3	VGTR/L	32-SDS?"X3"/(2) 7/8" BLT	3,990	N/A	
104	HDU8-SDS2.5	7/8" BLT/2Ø-SDS ?"x2?"	5,020	N/A	
110	HCP2	12-10d x 1?"	520	260 / N/A	
167	HHUS46	H:14-16d/J:6-16d	1,550	N/A	
168	U46	H:8-10d/J:4-10d	TIØ	N/A	
181	HUS26	20-16d	1,550	N/A	
184	HUC28-2	H:14-16d/J:4-10d	1,085	N/A	
104	110020 2	HD:16-3/16"XI?" TAPCON	1,000	10/4	
214	HUC212-3TF	BM: 6-16d	1,135	N/A	
215	HGUS21Ø-2	HDR:46-16d/JST:10-16d	2,720	N/A	
216	HUS412	BLOCK: 10-7"X1?" TC JOIST : 10-16d	3,240	N/A	
217	HUS212-2	BLOCK: 10-7"X17" TC JO16T : 10-16d	2,630	N/A	
219	МВНД412	H:1-ATR3/4X8 TOP&FACE JOIST: 18-10d	3,145	N/A	
220	HGAMIØKTA	(4)1/4"x2 3/4" TITEN	810	875/1105	
226	MBHA4.75/12	HDR : (2) 3/4" ? x 8" JOIST : I8-IØd	2,160	N/A	
231	MBHA3.56/16	HDR : (2) 3/4" ? x 8" JOIST : I8-IØd	3,450	N/A	
232	MBHA5.50/16	HDR : (2) 3/4" ? x 8" JOIST : 18-10d	3,450	N/A	
24Ø	H16	R:2-10dx1?"P:10-10dx1?"	1,470	480 / N/A	
240	LGT2	30-16d-sinker	2000	1015 / 440	
301	MGT	(1) 5/8"BLTS:/GIR: 22-10d	3,965	N/A	
3Ø2	HGT-2 or 3	LTL:3/4"BLTS:/GIR: 8-10d	6485	N/A	
	HGT-2 or 3	LTL:3/4 BLTS:/GIR: 8-100		N/A N/A	
3Ø3		FACE:18-16d/JST:8-16d	9,250		
401	SUR/L414	TO BE SPECIFIED & PROVID	1,700	N/A	
T	TRUSS MANUE				





COMPONENT & CLADDING DESIGN WIND PRESSURES

SEE PLAN DESIGN WIND PRESSURE

+ XXX ULTIMATE DESIGNED POSITIVE PRESSURE ULTIMATE DESIGNED NEGATIVE PRESSURE

NOTE: DESIGN PRESSURES BASED ULTIMATE WIND SPEED TO OBTAIN NOMINAL "ASD" WIND PRESSURES MULTIPLY VALUES SHOWN BY A FACTOR OF O.6

FIELD REPAIR NOTES

1- MISSED FOOTING DOWELS MAY BE SUBSTITUTED W/ A STRAIGHT #5 REBAR SET IN A 3/4" DIA. x 6" DEEP HOLE FILLED W, UNITEX PROPOXY 300 OR SIMPSON SET OR ETF ADHESIVES.

2- BLOCK WALL OVERHANGING SLAB CONDITION: UP TO 178" - NO REPAIR NECESSARY 78" TO 13" - ADD FILLED CELL (NO VERTICAL STEEL) MIDPOINT OF WALL BETWEEN EXISTING FILLED CELLS (WITH STEEL) IN AREAS AFFECTED. 113" - REQUI

3- PENETRATION OF PLUMBING PIPESIDRYER VENTS THRU PLATES OF A LOAD BEARING WALL MAY OCCUR PROVIDED DBL. STUDS ARE ADDED ON EITHER SIDE OF PENETRATION WITHIN 3" AND TRUSSIFLOOR TRUSS IS NO CLOSER THAN 3" FROM PENETRATION. ADD (1) MTS12 @ TOP AND BOTTOM PLATE

NOTES

TYPICAL ROOF GABLE OVERHANG TO BE 12"
UNLESS OTHERWISE NOTED.

TYPICAL ROOF EAVES OVERHANG TO BE UNLESS OTHERWISE NOTED.

3. PROVIDE AND INSTALL FLASHING AND ROOFING AS PER NATIONAL ROOFING AND SHEET METAL ASSOC.STANDARDS AND/ OR ACCEPTABLE INDUSTRY PRACTICE AND IN ACCORDANCE WITH 8TH EDITION (2023)FLORIDA RESIDENTIAL CODE.

4. ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZE BY TRUSS MANUFACTURER OR FL. REG. ENG.

5. TRUSSES SHALL BE BRACED TO PREVENT ROTATION & PROVIDE LATERAL STABILITY KIN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONSTRUCTION DOCUMENTS FOR BUILDING & ON THE INDIVIDUAL TRUSS DESIGN DRAWINGS IN THE ABSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUSSES SHALL BE BRACED IN ACCORDANCE WITH TPIWTCA BCSI 1.

6. REFER TO TRUSS MANUFACTURERS DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.

7. ROOF UNDERLAYMENT TO BE USED IS 30 LBS. SYNTHETIC FELT.

8. TILE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBOR 2023, 8TH EDITION R905.1.1
UNDERLAYMENT MATERIALS REGUIRED TO COMPLY WITH ASTM D226, D1970, D4869 AND D6757 SHALL BEAR A LABEL INDICATING COMPLIANCE TO THE STANDARD DESIGNATION AND, IF APPLICABLE, TYPE CLASSIFICATION INDICATED IN TABLE R905.1.1.1
UNDERLAYMENT SHALL BE APPLIED AND ATTACHED IN ACCORDANCE WITH TABLE R905.1.17

9. OFF RIDGE VENTS MAXIMUM OPENING SIZES: REFER TO MANUFACTURE SPECIFICATIONS.

ARK SQUARE HOMES HEREBY RESERV

ROOF TRUSSES Plan "CD"

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

OWPSON ENGINEERING GROUP,

designers group

Lot# XX-XX Street Address

Rd. Suite #200

A division of Park Square Enterprises Inc. 5200 Vineland Rd. Suite #2 Orlando, Fl. 32811
S Phone: (407) 529-3000

ISSUE DATE 08/10/2023
REVISIONS

Foundation plan

an 02, 2025,4:34pm

8'-0"

22'-0"

60'-0"

16'-0"

19'-0"

16'-0"

19'-0"

Altamonte Springs, F
Ph: (407) 629-6711
Fax: (407) 629-6776
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wanten bulkersons shat, IANE
SOLE DIMENSORS
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for the pie one 4KS, for mer the profiled.

COMPONENT & CLADDING DESIGN WIND PRESSURES

WALL KEY

T.O.WALL 9'-4'

BEARING 9'-4'

BEARING 14'-0"

SEE PLAN DESIGN WIND PRESSURE

+ XXX ULTIMATE DESIGNED POSITIVE PRESSURE
- XXX ULTIMATE DESIGNED NEGATIVE PRESSURE

Note: Design Pressures based ultimate wind speed to obtain nominal "asp" wind pressures multiply values shown by a factor of 0.6

FIELD REPAIR NOTES

ETF ADHESIVES.

2- BLOCK WALL OVERHANGING SLAB CONDITION: UP TO 7/8" - NO REPAIR NECESSARY 7/8" TO 1½" - ADD FILLED CELL (NO VERTICAL STEEL) MIDPOINT OF WALL BETWEEN EXISTING FILLED CELLS (WITH STEEL) IN AREAS AFFECTED. 14" - REQUIRE SPECIAL ENGINEERING LETTER.

IRIKU PLATES UF A LUAD BEARING WALL MAY OLCUP PROVIDED DBL. STUDS ARE ADDED ON EITHER SIDE OF PENETRATION WITHIN 3" AND TRUSS/FLOOR TRUSS IS NO CLOSER THAN 3" FROM PENETRATION. ADD (1) MTS1 @ TOP AND BOTTOM PLATE

NOTES

- 1. TYPICAL ROOF GABLE OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
- 3. PROVIDE AND INSTALL FLASHING AND ROOFING AS PER NATIONAL ROOFING AND SHEET METAL ASSOC STANDARDS AND/ OR ACCEPTABLE INDUSTRY PRACTICE AND IN ACCORDANCE WITH
- ETC. TO BE SIZE BY TRUSS MANUFACTURER OR FL
- 5. TRUSSES SHALL BE BRACED TO PREVENT ROTATION & PROVIDE LATERAL STABILITY KIN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONSTRUCTION DOCUMENTS FOR BUILDING & ON THE INDIVIDUAL TRUSS DESIGN DRAWNINGS IN THE ASSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUSSES SHALL BE BRACED IN ACCORDANCE WITH TRUSS WITH A BROCE. ACCORDANCE WITH TPI/WTCA BCSI 1.
- REFER TO TRUSS MANUFACTURERS DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
- ROOF UNDERLAYMENT TO BE USED IS 30 LBS. SYNTHETIC FELT.
- 8. TILE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2023, 8TH EDITION R805.1.1
 UNDERLAYMENT MATERIAS REQUIRED TO COMPLY WITH ASTM D226, D1970, D4898 AND D6757 SHALL BEAR A LABEL INDICATING COMPLIANCE TO THE STANDARD DESIGNATION AND, IF APPLICABLE, TYPE CLASSIFICATION INDICATED IN TABLE R905.1.1.1 UNDERLAYMENT SHALL BE APPLIED AND ATTACHED IN ACCORDANCE WITH TABLE R905.1.1.1
- 9. OFF RIDGE VENTS MAXIMUM OPENING SIZES REFER TO MANUFACTURE SPECIFICATIONS.

SUE DATE 08/10/2023 REVISIONS

RAWN BY: C.C. / G.P. DESIGNED BY: MJS

Foundation plan S3.DD

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ROOF TRUSSES Plan "DD" SCALE: 1/4" = 1'-0"

CONNECTOR SCHEDULE

FASTENERS

9-10d x 1?"

18-10d x 121

RFT: 4-8d / PLT: 4-8d

RFT:6-8dx1?"/PLT:4-8d

RFT: 8-8d x 1?"

PLT: 8-8d x 1?"

RFT / TRS: 4-8d

PLT / STD: 10-8d

RFT:5-8d / PLT: 5-8d

H:4-8dx1?"/P:4-8dx1?"

(8)Ø.148x1 1/21

14-10d

14-10d

10-10d

14-160

18-10d

26-10d

STD:6-10d / PLT:4-10d

STD:6-10d / PLT:6-10d

12-10d x 17"

12-16d

(2) 7/8" BOLTS

12-16d

28-16d

28-16d

20-10d

SILL: 7/8" BOL1

STUD:(3) 7/8"X5?" BOLTS

BLOCK: 4-?"X2?" TC

JOIST : 7-10d

SILL: 7/8" BOL1

STRAP: 18-16d

H:4-8dx1?"/P:4-8dx1?

7/8" BOLT/ 26-10d

32-SDS?"×3"/(2) T/8" BLT

7/8" BLT/2Ø-SDS ?"×2?"

12-10d x 17

H:14-16d/J:6-16d

H:8-10d/J:4-10d

20-16d

H:14-16d/J:4-10d

HD:16-3/16"X1?" TAPCON

BM: 6-16d

HDR:46-16d/JST:10-16d

BLOCK: 10-7"X17" TC

JOIST : 10-16d

BLOCK: 10-7"X1?" TC

JOIST : 10-16d

H:1-ATR3/4×8 TOP &FACE

(4)1/4"x2 3/4" TITEN

HDR: (2) 3/4" ? x 8"

HDR: (2) 3/4" ? x 8"

JOIST : 18-10d

 $\mathrm{HDR}: \overline{(2)\ 3/4"\ ?\times 8"}$

JOIST: 18-10d

R:2-10dx1?"P:10-10dx1?"

30-16d-sinker

(1) 5/8"BLTS/GIR: 22-10d

CONNECTORS TO BE SPECIFIED & PROVIDED BY

LTL:3/4"BLTS./GIR: 8-10d 6485

LTL:3/4"BLTS./GIR: 16-10d 9,250

FACE:18-16d/JST:8-16d 1,700

JOIST : 18-10d

64-16d SINKERS

14-10d

HDR: 4-10d/JST: 4-10d

PER CONNECTOR

LAT. LDS.

125 / 160

485 / 165

660/550

N/A

400 / N/A

150 / 150

280 / 303

580

N/A

N/A

N/A

N/A

N/Δ

N/A

N/A

N/A

560 / 260

560 / 260

N/A

N/A

985

N/A

1,070 1,070

N/A

N/A

N/A

N/A

44Ø / N/A

N/A

N/A

260 / N/A

N/A

N/A

N/A

N/A

N/A

Ν/Δ

N/A

N/A

N/A

875/1105

N/A

48Ø / N/A

N/A

N/A

N/A

2000 1015 / 440

1810 340 / 770

2 480 | 2000/ 1370

455

475

1010

935

985

365

N/A

1,310

990

990

905

1200

1,295

2,135

5,495

535

605

2,240

2,300

2,200

1.815

1.815

1,450

7,91Ø

860

4235

440

5,020

520

1,550

7IØ

1,550

1,085

1,135

2.72@

3,240

2630

3.145

810

2,160

3,450

1470

3,965

SIMPSON

DESCRIPTION

HETA16

DETAL 20

НЗ

ш

H1Ø5

LUS26

ΗП

H2.5

A34

LS5Ø

HTS16

MTS16

MTS3Ø

LSTA12

STIS

I ST∆24

MSTA36

MSTC66

SPI

SP2

SPH4,6,8

ABU66

CB66

ABU44

AC6 (MAX.

AC4 (MAX)

HTS2Ø

HDSA

MTSM16

HTT4

A35

HTT5

VGTR/L

HDU8-SDS2.5

HCP2

HHUS46

U46

HUS26

HUC28-2

HUC212-3TF

HGUS21Ø-2

HUS412

HUS212-2

MBHA412

HGAMIØKTA

MBHA4.75/12

MBHA3.56/16

MBHA5.50/16

⊔16

LGT2

MGT

HGT-2 or 3

HGT-4

SUR/L414

TRUSS MANUFACTURERS

CONNECT.

20

22

23

24

26

34 35

38

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43

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47

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PF

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90

89

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96

Te

98

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1002

103

104

110

167

168

181

184

214

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226

232

240

241

301

3Ø2

3Ø3

STRUCTURAL NOTES

- THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE 8TH EDITION, FBCR 2023 (WIND LOAD @ 140 MPH.) LIVE LOAD ROOF: 20 PSF
- FLOOR: 40 PSF, BALCONIES & STAIRS: 40 PSF OCCUPANCY= 1.0 BUILDING CATEGORY R3. WIND EXPOSURE C
- INTERNAL PRESSURE COEFFICIENTS = +0.18 AND -0.18
- WINDOWS, DOORS, AND GARAGE DOORS TO BE DESIGNED TO MEET FBCR SECTION R301
- ALL FLOOR SLABS TO BE OF 2,500 PSI CONC. PLANT MIX MIN. 5" THICK WITH 6x6 10/10 WIRE MESH 6 MIL. POLY, VAPOR-BARRIER OVER TERMITE TREATED COMPACTED CLEAN FILL
- CONCRETE MASONRY UNITS SHALL MEET: CH. 1-3 OF ACL530-02/ ASCE 5-02/TMS 402-02 OR BIA BUILDING CODE REQUIREMENTS.
- MORTAR TO BE TYPE "M" OR "S", GROUT 2,500 PSI @ 28 DAYS.
- MASONRY CLEAN OUTS REQUIRED @ GROUT GREATER THAN FIVE (5) FEET IN HEIGHT AND ALL VERTICALS
- REBAR TO BE # 5'S GRADE 60, W/ MIN LAP OF 25", USE "L" BARS. @ CORNERS AND USE STANDARD HOOKS @ CHANGE IN DIRECTION
- GYP. BD. CEILING SHALL BE INSTALLED PERP. TO FRAMING & NAILED @ 7" O.C. WITH 5d NAILS. GYP. BD. WALLS SHALL BE NAILED @8" O.C. WITH 5d NAILS
- UPLIFT CONNECTOR'S TO PROVIDE CONTINUITY FROM ROOF TRUSSES THRU PLATES TO SLAB AND FOUNDATION PER ENCLOSED DETAILS.
- **EPOXY ANCHOR ALTERNATIVE:** THREADED ANCHOR ROD MAY BE USED IN LIEU OF ANCHOR BOLTS

FOR USE AS PLATE ANCHORS OR HURRICANE ANCHORS THE FOLLOWING CRITERIA MUST BE MET: ANCHOR SIZE

MIN. HOLE DEPTH CONC. HOLE SIZE -3/4 -5/8" -7/8" -3/4" -7/8" 1-1/8"

AFTER HOLE IS DRILLED, ALL CONCRETE DUST MUST BE REMOVED PRIOR TO EPOXY INSTALLATION. THREADED ROD TO BE MIN. A36 $\,$ STEEL AND FREE OF DIRT OR GREASE. LOAD ON ROD CANNOT BE APPLIED UNTIL 12 HOURS AFTER INSTALLATION. 2 COMPONENT EPOXY RESIN MATERIAL TO BE MIXED PER MFG. DIRECTIONS.

WOOD STRUCTURAL NOTES

- ALL WOOD TO BE SPECIES, GROUP, AND GRADE AS NOTED BELOW. DAMAGED WOOD NOT TO BE USED.
- ALL STRUCTURAL LUMBER SHALL BE SPF (SPRUCE-PINE-FIR) #2 OR BETTER UNLESS OTHERWISE NOTED. (PRE ENG. TRUSSES EXCLUDED)
- END JOINT IN STRUCTURAL DOUBLE TOP PLATE TO BE OFFSET AT LEAST 4". STRUCTURAL DOUBLE PLATES TO BE NAILED @ 6" O.K..
- PLYWOOD OR OSB. WALL SHEATHING NAIL PATTERN TO BE 10d @ 6" O.C., UNLESS OTHERWISE NOTED.
- NUMBER OF HEADER STUDS AND ADJACENT FULL LENGTH STUDS PER WALL AND HEADER STUD REQUIREMENT SCHEDULE.
- MAX. 1" HOLE DRILLED INTO EXTERIOR STRUCTURAL STUDS.
- DBL. STUDS @ EA. END OF SHEAR WALL.
- WHEN ANCHORING MULTIPLE WD. ITEMS TOGETHER. THE LENGTH OF HURRICANE STRAP MUST BE CENTERED.
- NAIL PATTERN -DOUBLE PLATE 12" O.C.. OUTSIDE SPLICE ZONE -DOUBLE STUDS @ 12" O.C. -DOUBLE OR TRIPLE HEADER @ 6" O.C.. @ EDGE @ 12" O.C.. INTERMEDIATE. HEADER TO STUD @ 4" O.C.. EA. HEADER MEMBER.
- PLT. OR (2) 16d EA. SIDE TOE NAILED TO PLT. -ROOF SHEATHING SHALL BE FASTENED TO ROOF FRAMING IN ACCORDANCE WITH TABLE R803.2.3.1 FOR SHINGLE ROOF TO BE MIN. 19/32 OSB, NAILED TO ROOF TRUSSES SPACED @ 24" O.C. (MAX) WITHOUT BLOCKING, SHEATHING SHALL BE FASTENED WITH ASTM F1667 RSRS-01(2)

-STUD TO TOP OR BOTTOM PLATE : (2) 16d THRU

- $\frac{3}{8}$ " X0.113") NAILS OR RSRS-04 (3"X0.120"X0.281 HEAD DIAMETER) NAILS. -ROOF SHEATHING FOR TILE ROOF TO BE MIN. 19/32" OSB, 1/2" CDX PLYWOOD OR 1/2" ADVANTECH. NAILED TO ROOF TO ROOF TRUSS SPACED @ 24" O.C. (MAX) WITHOUT BLOCKING. SHEATHING SHALL BE FASTENED WITH RSRS-04 (3"X0.120"X0.281 HEAD DIAMETER) NAILS.
- FLOOR SHEATHING TO BE MIN. 23/32" PLYWOOD NAILED @ 6" O.C. W/ #8 RING SHANK NAILS AND LIQUID NAIL ADHESIVE
- ALL FLOOR TRUSSES TO BE END BLOCKED @ BEARING LOCATIONS
- TRUSS BRACING PER TRUSS MANUFACTURE'S DRAWINGS.
- ALL NAILING SPECIFIED TO BE APPLIED BY NAIL GUN OR MANUALLY
- ALL WOOD IN DIRECT CONTACT WITH MASONRY SHALL BE PRESSURE TREATED.
- 2000 PSF MINIMUM SOIL BEARING CAPACITY
- NON BEARING WALL: 2X4 SPACED AT 24" O.C. UP TO 12'-0" HEIGHT WITH 2 ROWS OF HORIZONTAL 2X4 BLOCKING SPACE AT 4'-0" O.C.

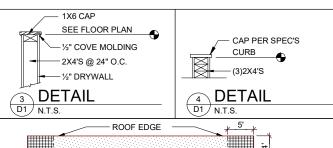
18. NON BEARING WALL: 2X4 SPACED AT 24" O.C. UP TO 12'-0" HEIGHT WITH 2 ROWS OF HORIZONTAL 2X4 BLOCKING SPACE AT 4'-0" O.C.

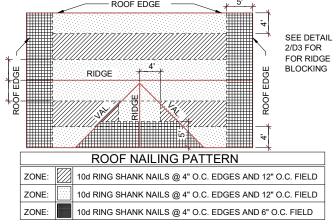
FIELD REPAIR NOTES

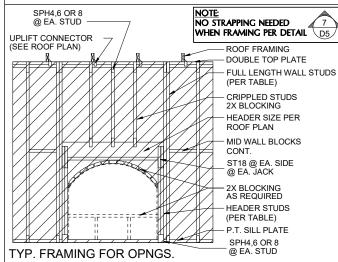
- . MISSED LINTEL STRAPS FOR MASONRY CONSTRUCTION MAY BE SUBSTITUTED W/ (1) USP MTW16 OR HC10 OR SIMPSON MTSM16 W/ (4) -1/4" X 2-1/4" TAPCONS TO BOND BEAM AND (7) 10d NAILS TO TRUSS FOR UPLIFTS LESS THAN 860 LBS (USE (2) MTSM16 FOR UPLIFTS LESS THAN 1720#). NO MORE THAN 10 STRAPS MAY BE SUBSTITUTED OR NO MORE THAN 3 IN A ROW. IF GIRGER TRUSS CONNECTIONS ARE MISSED CONTACT ENGINEER FOR SUBTITUTION
- 2. MISSED J-BOLTS FOR FRAMED EXTERIOR/ BEARING WALLS MAY BE SUBSTITUTED W/ 1/2" DIA. x 7" LONG WEDGE ANCHORS (REDHEADS).
- 3. MISSED FOOTING DOWELS MAY BE SUBSTITUTED W/ A STRAIGHT #5 REBAR SET IN A 3/4" DIA. x 6" DEEP HOLE FILLED W/ UNITEX PROPOXY 300 OR SIMPSON SET OR ETF ADHESIVES
- 4 BLOCK WALL OVERHANGING SLAB CONDITION: UP TO -7/8" - NO REPAIR NECESSARY -7/8" TO 1-1/4" - ADD FILLED CELL (NO VERTICAL STEEL) MIDPOINT OF WALL BETWEEN EXISTING FILLED CELLS (WITH STEEL) IN AREAS AFFECTED

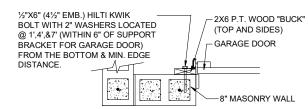
1-1/4"+ - REQUIRE SPECIAL ENGINEERING LETTER

5. PENETRATION OF PLUMBING PIPES/DRYER VENTS THRU PLATES OF A LOAD BEARING WALL MAY OCCUR PROVIDED DBL. STUDS ARE ADDED ON EITHER SIDE OF PENETRATION WITHIN 3" AND TRUSS/ FLOOR TRUSS IS NO CLOSER THAN 3" FROM PENETRATION. ADD (1) MTS12 @ TOP AND BOTTOM PLATE



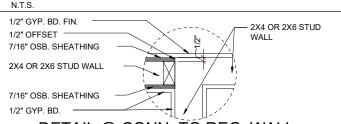


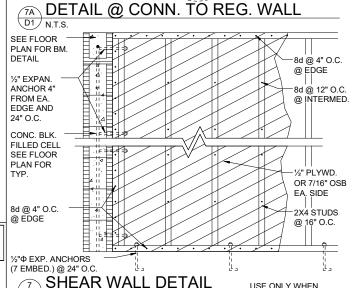




- DETAIL TO SATISFY 150 MPH WIND LOAD
- MASONRY FRAME SHALL BE MIN 8X16 ASTM C-9D
- GROUT FILLED CELL W/1/2" ASTM 2 #5 REBAR (GRADE 60) @ FA SIDE OF GARAGE DOOR OPENING
- MAX. DISTANCE TO CORNER OF C.B.S. WALL REINF. 48' - REINF. TO BE CONT. FROM FTG. TO TIE BEAM W/ ALL
- "ACI" DETAILS & DEVELOPMENT LENGTHS ADHERED TO GARAGE DOOR MANUF. TO PROVIDE ATTACHMENT TO "BUCK"
-) THE GARAGE DOOR ASSEMBLY SHALL BE DESIGNED FOR POSITIVE AND NEGATIVE WIND PRESSURES OF 25 PSF IN ACCORDANCE WITH SECTION R301 OF THE FLORIDA RESIDENTIAL CODE CERTIFICATION SHALL BE SUBMITTED FROM THE GARAGE DOOR MANUFACTURER TO THE BUILDING DEPARTMENT FOR THE FOLLOWING ITEMS:
- A.) THE DESIGN OF THE DOOR CAN WITHSTAND POSITIVE
- AND NEGATIVE WIND PRESSURES OF 25 PSF. B.) THE DESIGN OF THE DOOR COMPLIES WITH THE CRITERIA SPECIFIED IN SECTION R609 OF THE 2023 FLORIDA BUILDING CODE RESIDENTIAL, 8TH EDITION
- C.) DOOR SIZE TYPE AND GLAZING
- D.) TRACK SIZE AND FASTENER DETAILS.
- E.) TRACK BRACKET QUANTITY, SPACING AND FASTENER DETAILS.
- F.) REINFORCING MEMBER QUANTITY, LOCATION, SIZE, TYPE AND FASTENER DETAILS. (IF REQUIRED)

GARAGE BUCK DETAIL



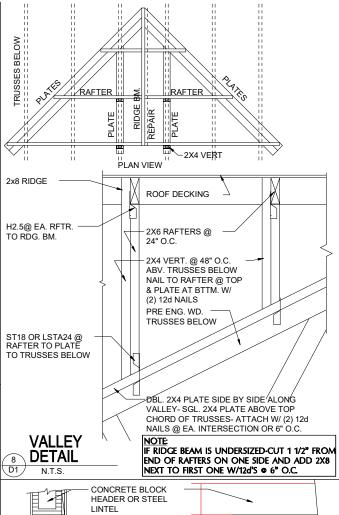


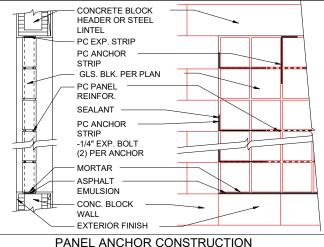
MIN. WALL AND HEADER REQUIREMENTS

USE ONLY WHEN

NOTED AS SHEAR WALL ON PLANS

	MAXIMUM HEADER SPAN (ft.)								
		3'	6'	9'	12'	15'	18'		
PORTED	STUD	NUMBER OF HEADER STUDS SUPPORTING END OF HEADER							
유뽀		1	1	2	2	2	2		
UNSUP		NUMBER OF FULL-LENGTH STUDS @ EACH END OF HEADER							
10' OR LESS		2	2	3	3	3	3		
GREATER	R THAN 10'	2	2	3	4	5	5		





PC PANEL REINFORCING (TOP): USED IN PANELS OVER 25"S.F. IN AREA,IS EMBEDDED HORIZONTALLY IN THE MORTAR JOINTS BETWEEN EVERY OTHER COURSE. PANEL REINFORCING IS FORMED OF TWO PARALLEL WIRES, FITHER 1-5/8" O.C. (FOR USE WITH "THINLINE" SERIES GLS, BLK.) OR 2" O.C. (FOR USE W/ "PREMIERE" SERIES GLS. BLK.), W/ BUTT WELDED CROSSWIRES AT REGULAR INTERVALS. 4' AND 10' LENGTHS AVAILABLE.

PC PANEL ANCHORS (MIDDLE): ARE USED TO TIE PITTSBURGH CORNING GLASS BLOCK PANELS INTO THE SURROUNDING FRAMEWORK WHEN CHANNELS ARE NOT USED. FORMED FROM 20 GAUGE PERFORATED- THEN GALVANIZED STEEL STRIPS, PANEL ANCHORS ARE AVAIL. IN 1-3/4" WIDTHS X 24" LENGTHS

PC EXPANSION STRIPS (BOTTOM): MADE OF WHITE POLYETHYLENE, ARE INSERTED AT THE HEAD AND THE STRIPS REPLACE MORTAR AT THESE POINTS TO CUSHION THE GLASS BLOCK AND ALLOW THE PANEL TO EXPAND & CONTRACT FREELY, FOR METAL CHANNEL OR MASONRY CHASE CONSTRUCTION PC EXPANSION STRIPS ARE AVAILABLE 3/8" THICK X 4" WIDE X 24" LONG. FOR PANEL ANCHOR CONSTRUCTION, STD. 4" WIDE STRIPS ARE EASILY CUT TO 3" WIDTH, FOR 3-7/8" "PREMIERE" SERIES BLK.

GLASS BLOCK DETAIL

AND TO 2-1/4" WIDTH, FOR 3-1/8" "THINLINE" SERIES BLOCK.



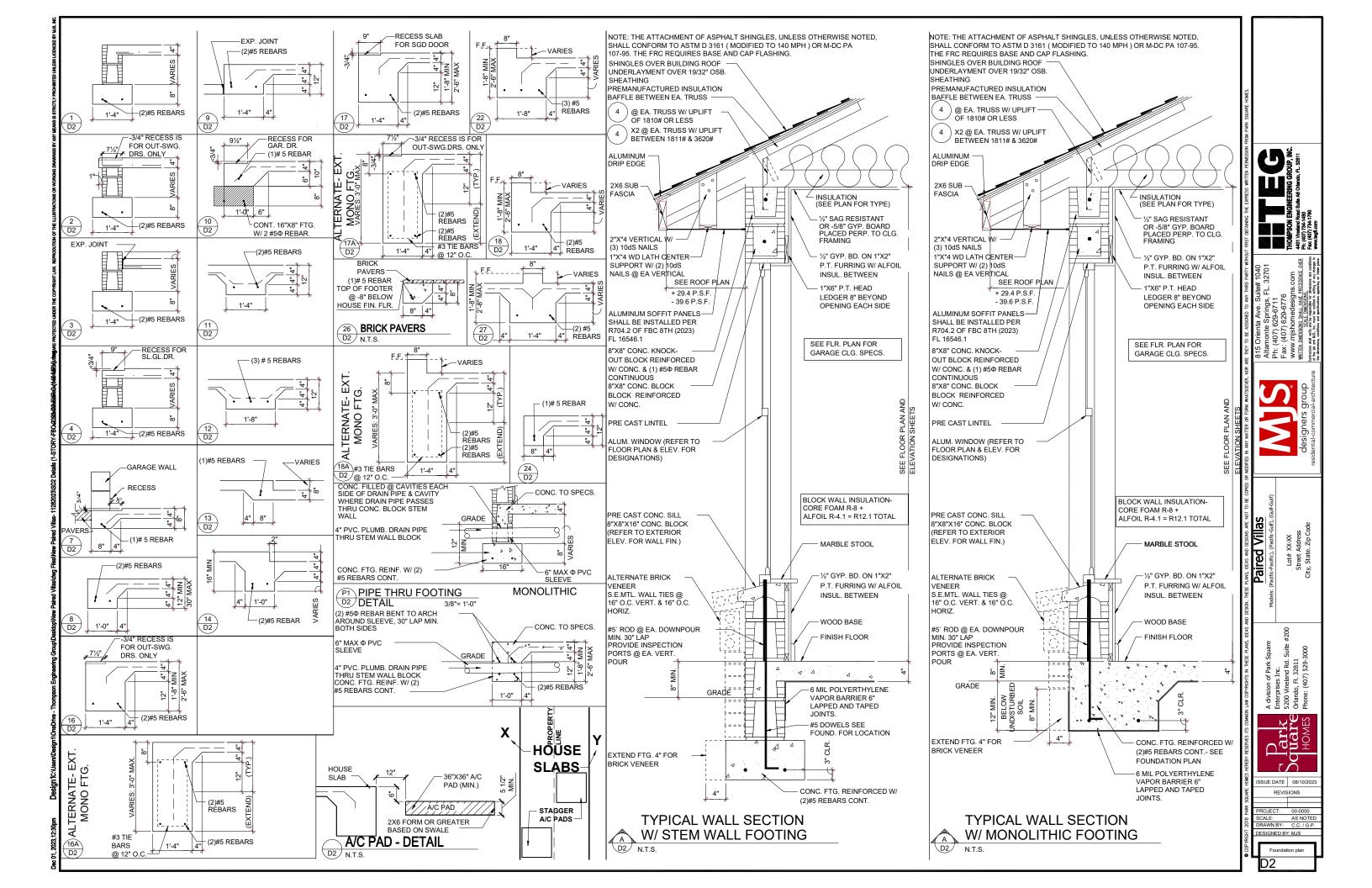
Paired Villa

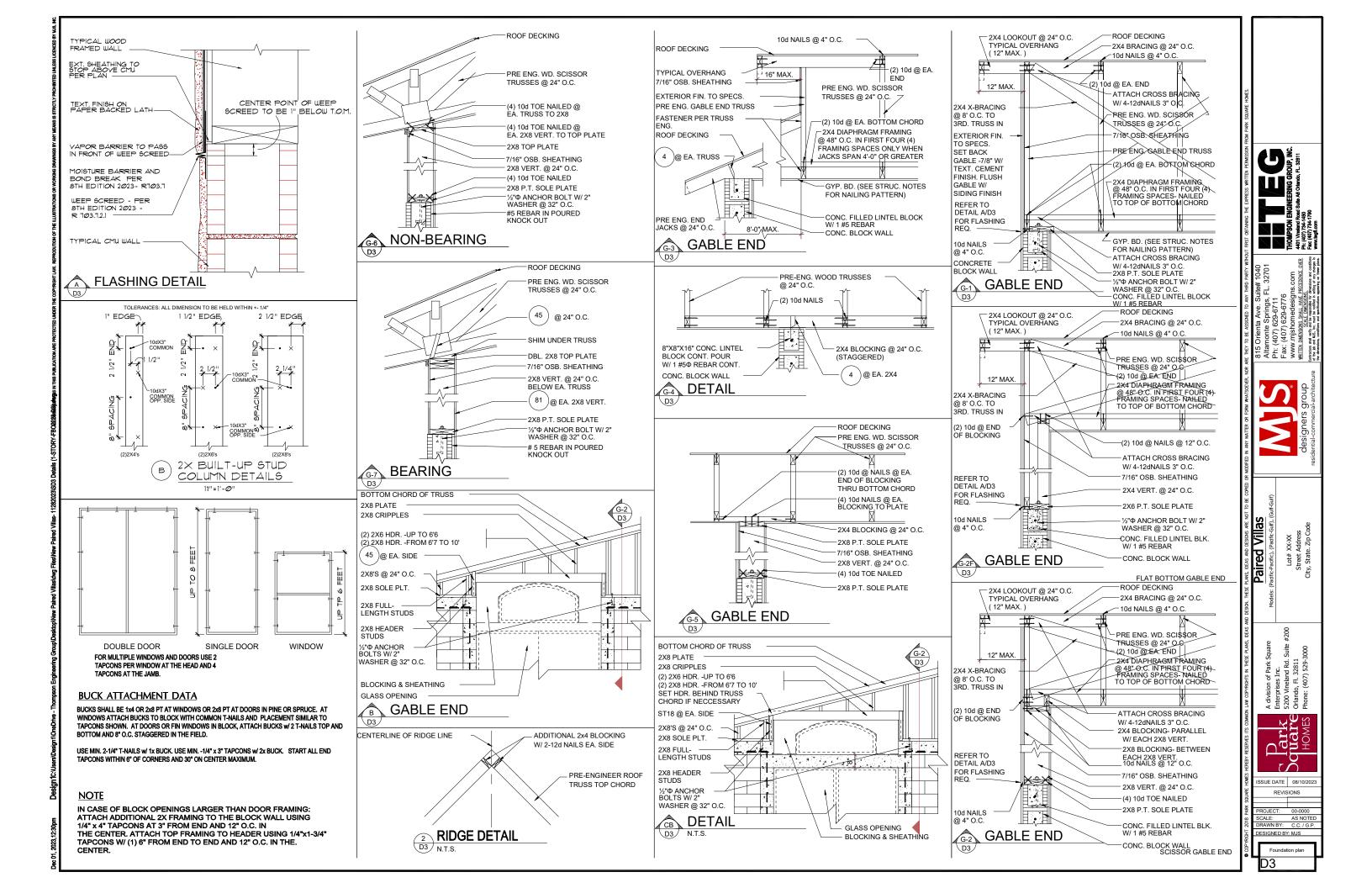


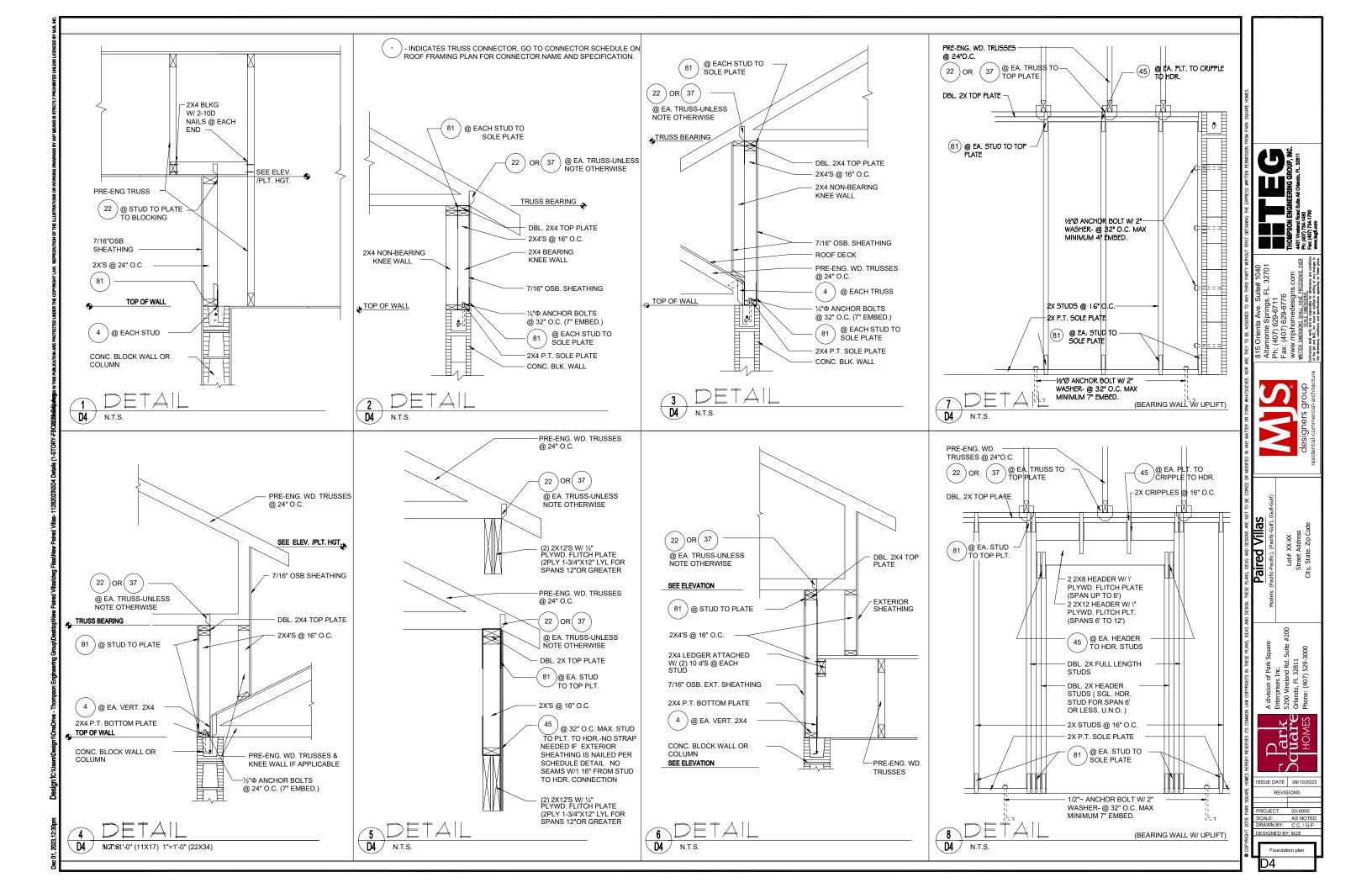
REVISIONS

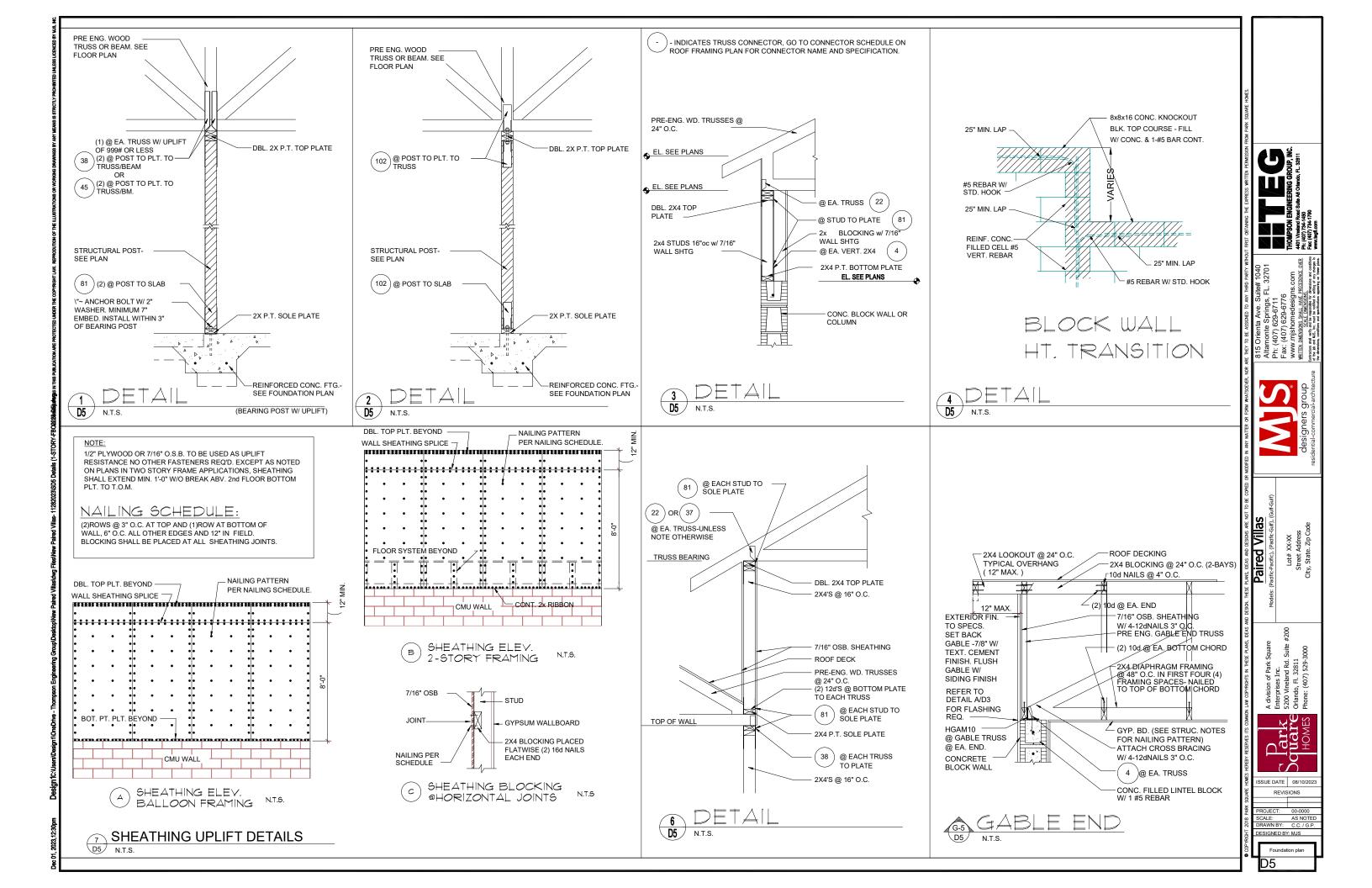
AS NOTE

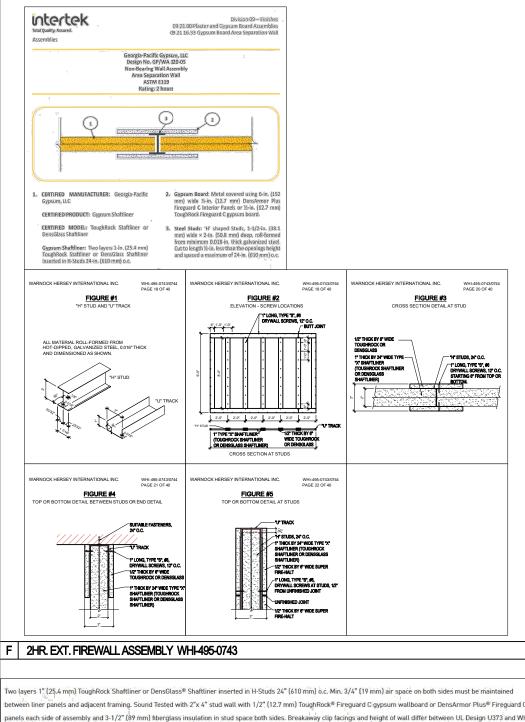
DESIGNED BY: MJS











wo layers 1" (25,4 mm). ToughRock Shaftliner or DensGlass® Shaftliner inserted in H-Studs 24" (610 mm) o.c. Min. 3/4" (19 mm) air space on both sides must be maintained etween liner panels and adjacent framing. Sound Tested with 2"x 4" stud wall with 1/2" (12.7 mm) ToughRock® Fireguard C gypsum wallboard or DensArmor Plus® Fireguard C anels each side of assembly and 3-1/2" (89 mm) fiberglass insulation in stud space both sides. Breakaway clip facings and height of wall differ between UL Design U373 and WH P/WA 120-04. Please consult each listing for specific information.

DensGlass® Shaftliner Panel ToughRock Shaftliner DensArmor Plus Fireguard C

ToughRock Fireguard C

STC Rating: 65-69 STC

lourly Rating: 2-hour

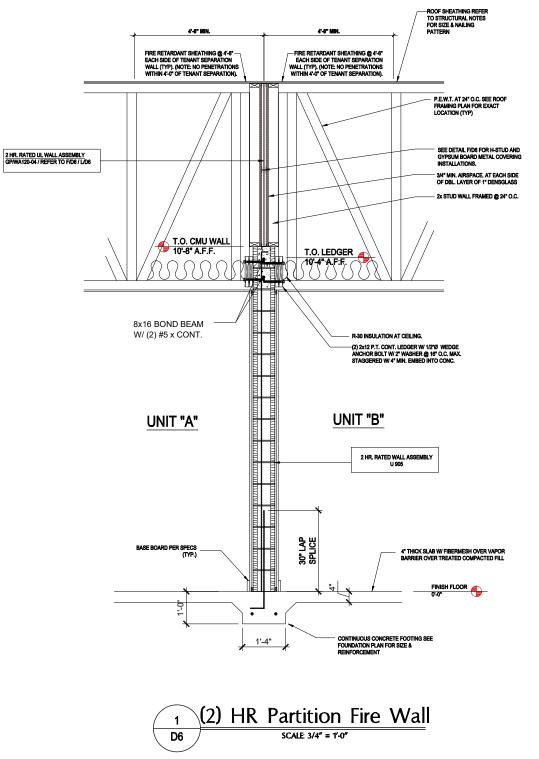
Fire Test Reference: UL U373, ULC W312,

WHI GP/WA 120-04, cUL U373, GA ASW

Sound Test Reference: RAL TL10-291

NOTE: 6" STRIPS OVER "H" STUD IS NOT

Design No. U905 November 89, 2020 Bearing Wall Rating — 2 HR. Nonbearing Wall Rating — 2 HR using a load design method other than the Limit States Desig For jurisdictions employing the Limit States Design Method, s restriction factor shall be used — See Guide <u>BXUV</u> or <u>BXUV7</u>



L 2HR. EXT. FIREWALL ASSEMBLY GP/WA 120-04

DESIGN NO. U905

RAWN BY: C.C. / G.P ESIGNED BY: MJS

REVISIONS

Paired Villas