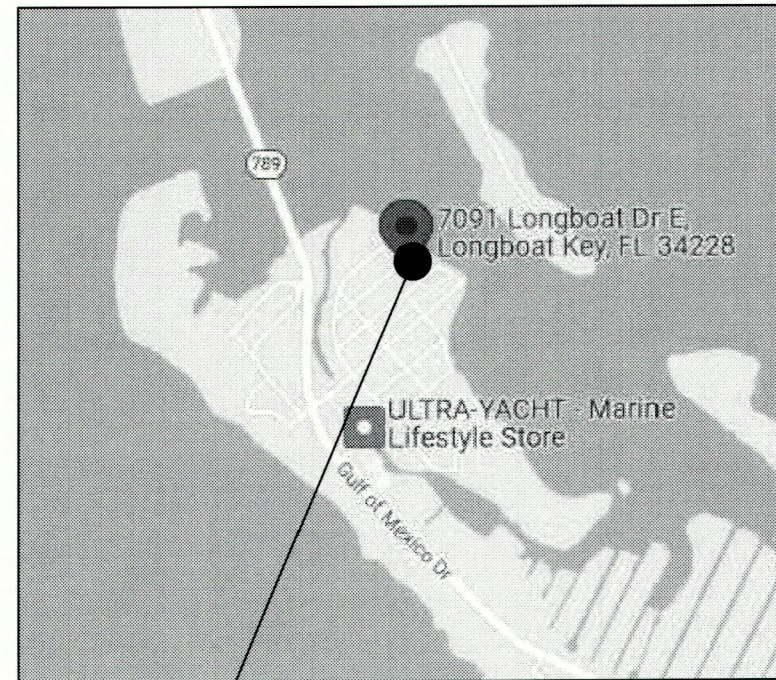


NEW RENOVATION FOR:

7091 Longboat Dr E,
Longboat Key, Florida 34228



AREA OF WORK

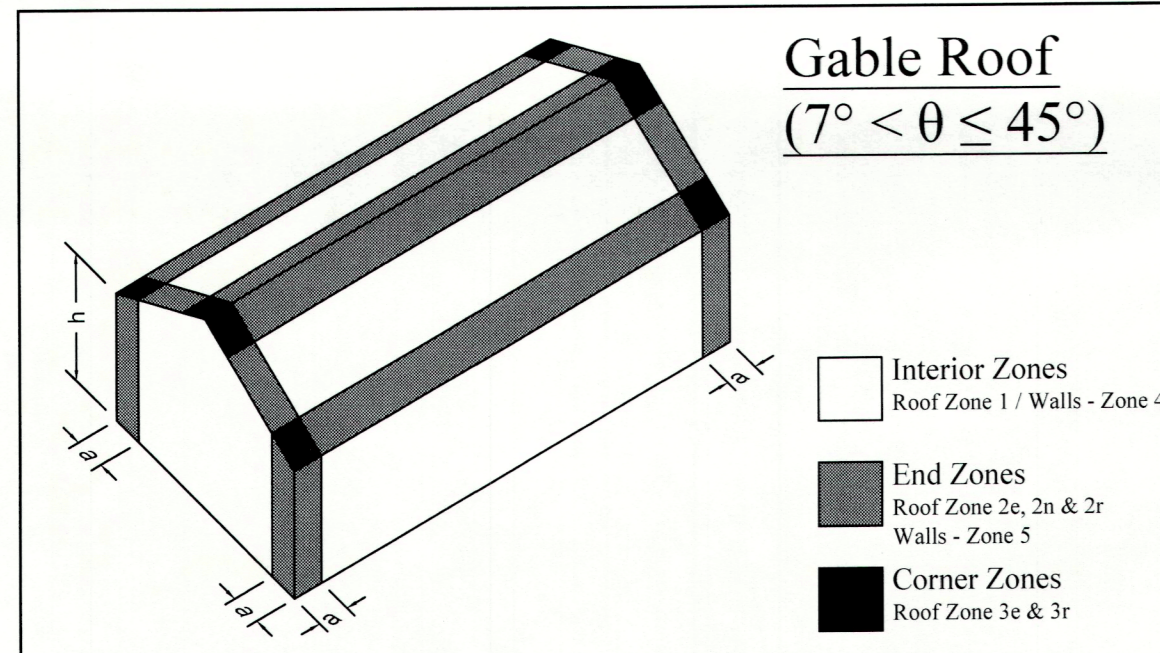
SCOPE OF WORK:

1. PROPOSED LIFT
2. FLOOR TRUSS REMOVAL & REPAIR
3. NEW COLUMNS & PADS AS NECESSARY

DESIGN CRITERIA

ALL WORK IS TO BE IN ACCORDANCE WITH THE EXISTING FLORIDA BUILDING CODE, 7th EDITION (2020), CHAPTER 5 RESIDENTIAL ALTERATION LEVEL (2)

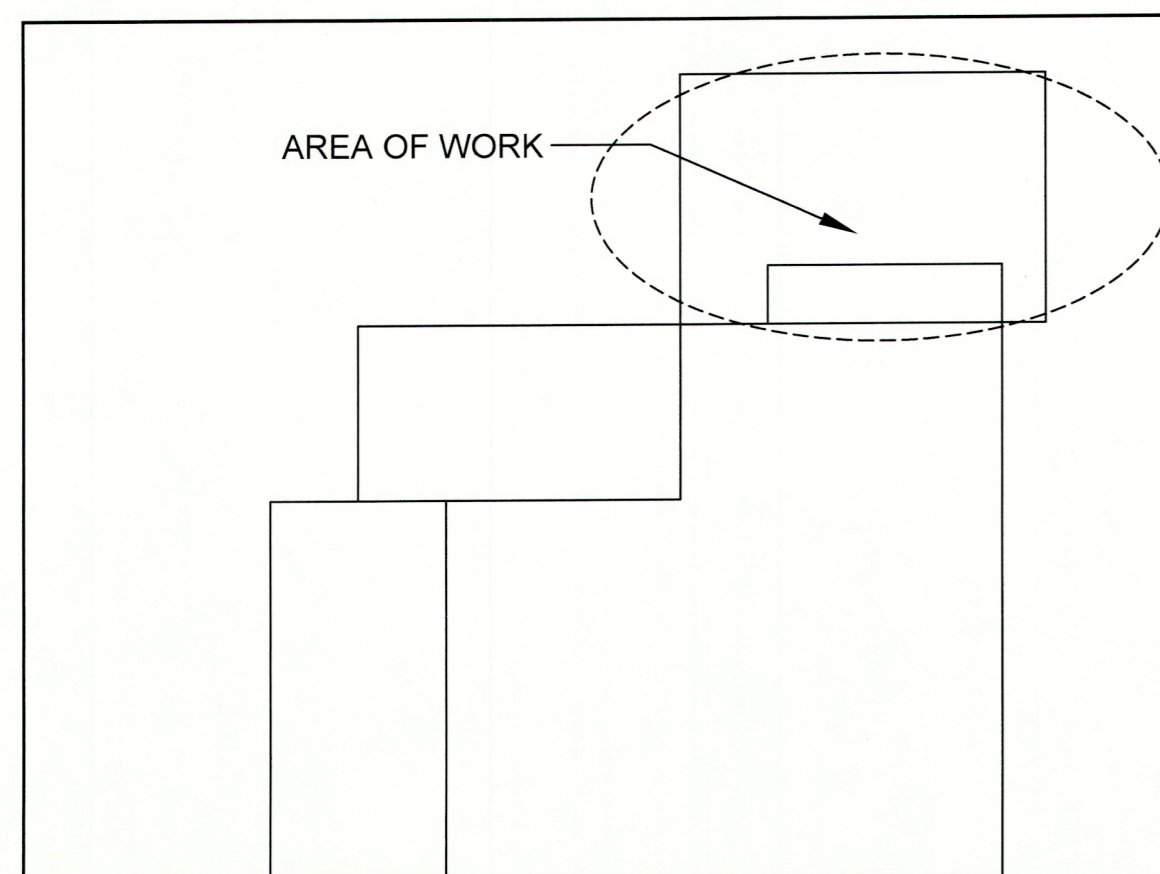
OCCUPANCY TYPE:	R-3
CONSTRUCTION TYPE:	V-B
FIRE SPRINKLERED:	NO
BASIC WIND SPEED:	160 mph
RISK CATEGORY:	II
WIND EXPOSURE:	D
BUILDING:	ENCLOSED
PRESSURE DESIGN FACTOR:	+/- 0.18



INDEX SHEET

- | | |
|-------|---|
| C.1 | COVER SHEET / GENERAL NOTES |
| A1.01 | PROJECT DATA & AS-BUILT/DEMO PLANS |
| A1.02 | RENOVATION PLANS |
| S.1 | FOUNDATION PLAN & SECOND FLOOR FRAMING PLAN |
| D.1 | DETAILS |

KEY PLAN:



GENERAL NOTES:

CONTRACTOR TO VERIFY MANUFACTURED TRUSS PLAN PRIOR TO PLACEMENT OF STEMWALL OR MONOLITHIC FOOTING.

PLUMBER IS TO INFORM SUPERINTENDENT OF ANY VENTING WHICH UTILIZES A MASONRY WALL TO RESOLVE ANY POSSIBLE STRUCTURAL INTEGRITY ISSUES.

NO PENETRATIONS SHALL BE MADE IN ANY STRUCTURAL MEMBERS OTHER THAN THOSE LOCATED ON THESE DRAWINGS WITHOUT PREVIOUS APPROVAL FROM THE ENGINEER OF RECORD.

ALL OTHER JOB SPECIFICATION AND FINISH SPECIFICATIONS TO BE FURNISHED TO GENERAL CONTRACTOR BY THE HOME OWNER AND ARE NOT PART OF THESE DRAWINGS.

BRAND, STYLE, KIND, COLOR, ETC. OF ALL FINISHES & MATERIALS, ELECTRICAL FIXTURES, APPLIANCES, EQUIPMENT AS AGREED & NEGOTIATED BETWEEN OWNER & CONTRACTOR. DO NOT SCALE DRAWINGS, USE DIMENSIONS PROVIDED, TYPICALLY, IN THE CASE OF DIMENSIONAL CONFLICT ARCHITECTURAL DIMENSIONS GOVERN OVER STRUCTURAL DIMENSIONS, TYPICALLY.

STRUCTURAL DRAWINGS ARE NOT TO BE REPRODUCED WITHOUT WRITTEN CONSENT OF APEX CONSULTING ENGINEERS. WHILE EVERY ATTEMPT HAS BEEN MADE IN THE PREPARATION OF THESE DRAWINGS TO AVOID MISTAKES, THE DESIGNER CANNOT GUARANTEE AGAINST HUMAN ERROR. PRIOR TO THE COMMENCEMENT OF ANY WORK, CONTRACTOR/OWNER MUST VERIFY ALL CONDITIONS AND DIMENSIONS AT JOB SITE. THE CONTRACTOR/OWNER SHALL REPORT ALL DISCREPANCIES BETWEEN DRAWINGS AND EXISTING CONDITIONS TO THE DESIGNER PRIOR TO COMMENCING WORK. © 2014 APEX C.E.

DESIGN LOADS AND NOTES:

DEAD LOADS

TYPICAL FLOOR LOADING	- 20PSF
TYPICAL ROOF LOADING	
METAL OR SHINGLE ROOFING	- 15 PSF
TILE ROOFING	- 25 PSF
BOTTOM CHORD	- 10 PSF

LOADING DOES NOT COUNT FOR ANY CONCRETE FLOATING OVER FLOORING/ROOFING.

ANY CHANGES MADE TO THE MATERIALS OF THE STRUCTURE FROM THOSE OF THE ARCHITECTURAL AND STRUCTURAL PLANS SHALL BE NOTIFIED TO THE ENGINEER OF RECORD FROM THE CONTRACTOR TO VERIFY THAT THE NEW LOADS CONFORM TO THE STRUCTURE AND ITS LOAD CARRYING CAPACITY.

LIVE LOADS

FLOOR:	
HABITABLE ATTICS & SLEEPING AREAS	- 30PSF
ALL OTHER AREAS EXCEPT BALCONIES	- 40PSF
BALCONIES & DECKS	- 60PSF
STAIRS:	- 40PSF
ROOF:	
TOP CHORD (FLAT, PITCHED OR CURVED)	- 20PSF
BOTTOM CHORD	
UNINHABITABLE ATTICS WITHOUT STORAGE	- 10PSF
UNINHABITABLE ATTICS WITH STORAGE	- 20PSF

WIND LOADS
SEE COMPONENT & CLADDING CHART FOR PRESSURES

LATERAL LOADS IN TRUSSES ARE RESISTED BY ROOF DIAPHRAGM AT POINT OF WIND LOAD INPUT UNLESS NOTED OTHERWISE.

FRAMING NOTES:

WOOD CONSTRUCTION, CONNECTIONS, AND NAILING SHALL CONFORM TO THE FBC 2020 7TH EDITION.

ALL WOOD FRAMING MATERIALS SHALL BE SURFACE DRY AND USED AT 19% MAXIMUM MOISTURE CONTENT

ALL LOAD BEARING WALL FRAMING SHALL BE #2 SOUTHERN PINE.

ALL JOIST AND RAFTER FRAMING SHALL BE #2 SOUTHERN PINE OR HEM-FIR.

ALL FRAMING EXPOSED TO THE WEATHER OR IN CONTACT WITH MASONRY OR CONCRETE SHALL BE PRESSURE TREATED

ALL DOOR HEADERS AT BEARING WALLS TO BE (2) 2X10 SYP OR BETTER, UNLESS NOTED OTHERWISE.

PREFABRICATED METAL JOIST HANGERS, HURRICANE CLIPS, HOLD-DOWN ANCHORS AND OTHER ACCESSORIES SHALL BE MANUFACTURED BY SIMPSON STRONG TIE COMPANY OR EQUIVALENT. INSTALL ALL ACCESSORIES AS PER MANUFACTURERS REQUIREMENTS. ALL STEEL SHALL HAVE A MINIMUM THICKNESS OF 0.04 INCHES (ASTM A446 GRADE A) AND BE GALVANIZED/COATING G60).

TRUSSES AND BEAMS SHALL BEAR DIRECTLY ON GLB OR SYP POSTS U.N.O. WHERE REQUIRED, SHIMS TO BE A36 STEEL U.N.O.

GLB OR SYP POSTS SHALL BEAR DIRECTLY ON CONCRETE SLAB OR ON SYP OR PT PLATE UNLESS NOTED OTHERWISE.

MEMBERS DESIGNATED "LVL" (E.G., 1 1/2" X 14" LVL) SHALL BE LAMINATED VENEER LUMBER AS MANUFACTURED BY BOISE (VERSA-LAM) OR ENGINEER APPROVED SUBSTITUTION.

BOLT HEADS SHALL BE CENTERED & DRILLED NO MORE THAN 1/16" LARGER THAN BOLT DIAMETER. BOLTED CONNECTIONS SHALL BE TIGHT BUT NOT TO THE EXTENT OF CRUSHING WOOD UNDER WASHERS.

ALL NAIL SHANK SIZES TO BE MINIMUM OF 0.131 INCHES.

FLOOR FRAMING

USE SIMPSON H2.5A AT EACH INTERIOR MEMBER (WITH OR WITHOUT UPLIFT) WHERE POSSIBLE. PROVIDE ADDITIONAL TIEDOWNS FOR GREATER UPLIFTS.

USE TRUSS HANGERS TO ATTACH FLOOR TRUSSES TO LVL BEAMS IF LESS THAN 3-1/2" SQUARE BEARING AREA IS PROVIDED.

PRE-ENGINEERED FLOOR TRUSSES/JOIST TO BE APPROVED BY ENGINEER OF RECORD.

ROOF FRAMING NOTES:

THE DESIGN OF ROOF FRAMING SHALL BE BASED ON THE REQUIREMENTS OF THE FLORIDA BUILDING CODE, 2020 7TH EDITION.

DESIGN WIND LOADS SHALL BE APPLIED IN ACCORDANCE WITH ASCE 7-16. SEE WIND NOTES FOR WIND DESIGN REQUIREMENTS.

ROOF TRUSS MANUFACTURER SHALL SUBMIT AND PROVIDE COMPLETE LAYOUT AND FURNISH THE FOLLOWING INFORMATION: ROOF PITCH, LUMBER SIZE, SPACING, SPECIES AND GRADING, LOCATION AND MAGNITUDE OF UPLIFT LOADS.

PRE-ENGINEERED TRUSS DESIGN SHALL BE SIGNED AND SEALED BY A FLORIDA LICENSED PROFESSIONAL ENGINEER.

ROOF SHEATHING SHALL BE 15/32" (OR GREATER) CD PLYWOOD OR EQ. WIND EXPOSURE "C & D" SHALL BE MIN. 19/32" (OR GREATER) CD PLYWOOD OR EQ.

MEAN ROOF HEIGHT SHALL BE DETERMINED BY TRUSS DESIGNER FROM PLANS.

CONTRACTORS SHALL VERIFY WITH ROOF TRUSS PLAN PRIOR TO PLACEMENT OF FOOTINGS.

TRUSSES MUST BE DESIGNED TO SUPPORT WALLS AGAINST OUT-OF-PLANE LOADS. THIS APPLIES TO ALL TRUSSES WITH A RAISED HEEL CONDITION THAT BEAR ON AN EXTERIOR WALL.

TRUSS MANUFACTURER'S TRUSS LAYOUT SHALL SHOW ALL CONNECTIONS BETWEEN TRUSSES AND OTHER TRUSSES AND BETWEEN TRUSSES AND WOOD BEAMS.

USE SIMPSON H10 OR H10-2 AT EACH TRUSS FOR WOOD WALLS AND HETA20 FOR CONCRETE WALLS WHERE POSSIBLE. PROVIDE ADDITIONAL OR REPLACEMENT TIEDOWNS FOR GREATER UPLIFTS.

WHERE THE H-10 CANNOT BE USED ON WOOD WALLS (EG. ON 3-PLY GIRDERS, AT CORNERS, ETC.) USE SIMPSON H2.5 AND ADDITIONAL TIEDOWNS TO MEET UPLIFT REQUIREMENTS.

MASONRY NOTES:

MASONRY CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THE "SPECIFICATION FOR MASONRY STRUCTURES (ACI 530.1-02)", PUBLISHED BY THE AMERICAN CONCRETE INSTITUTE. SEE "TESTING AND INSPECTION NOTES" FOR ADDITIONAL INFORMATION.

HOLLOW LOAD-BEARING MASONRY UNITS SHALL CONFORM TO THE ASTM C-90, AND BE MADE WITH NORMAL WEIGHT AGGREGATE. UNIT COMPRESSIVE STRENGTH OF 1,900 PSI ON NET SECTION TO PROVIDE A MINIMUM NET AREA COMPRESSIVE STRENGTH OF MASONRY (PM) OF 2,500 PSI, AS DETERMINED BY THE STRENGTH METHOD OF ACI 530.1.

FILL ALL BOND BEAMS AND REINFORCED CELLS SOLIDLY WITH GROUT. GROUT SHALL CONFORM TO ASTM C-476 AND SHALL OBTAIN A MIN. 28 DAY COMPRESSIVE STRENGTH OF 2,500 PSI, TESTED PER ASTM C-1019 EACH 5,000 S.F. GROUT STOPS ARE TO BE MESHED OR SCREEN TYPE, FELT PAPER IS NOT ALLOWED.

REINFORCED STEEL SHALL BE IN ACCORDANCE WITH ASTM A-615, GRADE 60. SHOP FABRICATE REINFORCING BARS WHICH ARE SHOWN TO BE HOOKED OR BENT. DOWELS SHALL HAVE STANDARD 90 DEGREE HOOKS AND LAPPED WITH FIRST LIFT OF REINFORCING. PROVIDE A MINIMUM LAP OF 40 X BAR DIAMETER.

MORTAR SHALL CONFORM TO ASTM C-270, TYPE M, S, OR N. ALL MORTAR SHALL MEET THE "PROPORTION SPECIFICATION" OF ASTM C-270 AND EVALUATED IN ACCORDANCE WITH ASTM C-780.

UNLESS OTHERWISE INDICATED, ALL WALLS SHALL BE LAID IN RUNNING BOND. BOND CORNERS AND OTHER INTERSECTIONS OF ALL LOAD BEARING WALLS. INTERSECTING NON-LOADBEARING WALLS SHALL BE CONNECTED BY PREFABRICATED TEE AND CORNER HORIZONTAL JOINT REINFORCEMENT @ 16" O.C.

PROVIDE VERTICAL REINFORCING BARS OF THE GIVEN SIZE AND SPACING AS INDICATED. PROVIDE BARS AT WALL CORNERS, INTERSECTION AND PEN EDGES, PROVIDE CLEAN OUTS FOR EACH GROUT POUR EXCEEDING 5FT.

PROVIDE PRECAST LINTELS ABOVE ALL WALL OPENINGS INCLUDING HVAC DUCTS. SEE DRAWINGS FOR LOCATIONS OF ALL OPENINGS. UNLESS OTHERWISE ON PLAN PROVIDE PRECAST LINTELS BELOW AS A MINIMUM.

- OPENINGS LESS THAN 6FT = 8" PRECAST U-LINTEL W/ 1-#5 & 8" KNOCK-OUT COURSE W/ 1-#5. (TYPICAL PERIMETER BOND BEAM 16" TOTAL DEPTH)

- OPENINGS GREATER THAT 6FT = SEE DRAWINGS. PROVIDE ONE REINFORCED CELL EACH SIDE OF OPENING W/ 8" LINTEL BEARING.

ALL WALLS OVER 8' HIGH MUST BE BRACED PRIOR TO POURING TIE BEAMS.

CAST-IN-PLACE CONCRETE NOTES:

CONCRETE MIXES SHALL BE DESIGNED PER ACI 30, USING PORTLAND CEMENT CONFORMING TO ASTM C-150, AGGREGATE CONFORMING TO ASTM C-33, AND ADMIXTURES CONFORMING TO ASTM C-494, C-1017, C-618, C-989 AND C-260. CONCRETE SHALL BE READY-MIXED IN ACCORDANCE WITH ASTM C-94.

CONCRETE SHALL CONFORM TO THE FOLLOWING COMPRESSIVE STRENGTH, SLUMP AND WATER/CEMENT RATIO REQUIREMENT:

IN ALL SALT ENVIRONMENTS A MIN. OF 5000PSI CONCRETE SHALL BE USED. (SLAB SHALL BE EXEMPT.) FOR OTHER ENVIRONMENTS USE 3000 PSI CONCRETE.

ALL CONCRETE WORK SHALL CONFORM TO ASTM ACI 301, "SPECIFICATION FOR

STRUCTURAL CONCRETE BUILDINGS". HOT WEATHER CONCRETE SHALL BE IN ACCORDANCE

WITH ACI 305.

ALL REINFORCING STEEL SHALL CONFORM TO ASTM A-615, GRADE 60.

ALL WELDED WIRE FABRIC (WWF) SHALL CONFORM TO ASTM A-185 (FLAT SHEETS ONLY).

ALL REINFORCED STEEL SHALL BE SET AND TIED IN PLACE PRIOR TO POURING OF CONCRETE, EXCEPT THAT VERTICAL DOWELS FOR MASONRY WALL REINFORCING MAY BE "FLOATED" IN PLACE.

REINFORCING STEEL INCLUDING HOOKS AND BENDS, SHALL BE DETAILED IN ACCORDANCE WITH ACI 315. ALL REINFORCING STEEL INDICATED AS BEING CONTINUOUS (CONT) SHALL BE LAPPED 40 X BAR DIAMETER. LAP CONTINUOUS BOTTOM BARS OVER SUPPORTS, LAP CONTINUOUS TOP BARS AT MID-SPAN UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED, THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCEMENT IN ACCORDANCE W/ ACI 318-14:

- SECTION 7.7.1
- CONCRETE EXPOSED TO WEATHER:
#6 THROUGH #18 BARS - 2"
 - CONCRETE NOT EXPOSED TO EARTH OR WEATHER:
BEAMS AND COLUMNS - 1 1/2"
 - FOUNDATIONS EXPOSED TO EARTH - 3"

BAR SUPPORTS AND HOLDING BARS SHALL BE PROVIDED FOR ALL REINFORCING STEEL TO INSURE MINIMUM CONCRETE COVER. BAR SUPPORTS SHALL BE PLASTIC TIPPED OR STAINLESS STEEL.

ALL EDGES OF PERMANENTLY EXPOSED CONCRETE SURFACES SHALL BE CHAMFERED 3/4" UNLESS OTHERWISE NOTED.

FORMWORK SHALL REMAIN IN PLACE UNTIL CONCRETE HAS OBTAINED AT LEAST 90% OF ITS 28 DAY COMPRESSIVE STRENGTH. THE CONTRACTOR SHALL PROVIDE ALL SHORING AND RESHORING.

EXTERIOR OPENINGS

EXTERIOR WINDOWS AND GLASS DOORS SHALL BE TESTED BY AN APPROVED INDEPENDENT TESTING LABORATORY AND BEAR AN AAMA, WDMA OR OTHER APPROVED LABEL IDENTIFYING THE MANUFACTURER, PERFORMANCE CHARACTERISTICS AND APPROVED PRODUCT EVALUATION ENTITY INDICATING COMPLIANCE WITH THE REQUIREMENTS OF THE FOLLOWING SPECIFICATION: ANSI/AAMA/NWDA.

WINDOW AND DOOR ASSEMBLIES SHALL BE ATTACHED IN STRICT ACCORDANCE WITH THE PUBLISHED MANUFACTURER RECOMMENDATIONS TO ACHIEVE RESISTANCE TO APPROPRIATE WIND SPEEDS WITH 3 SECOND WIND GUSTS AND SHALL INCLUDE THE SPECIFICATION OF BUCK STRIP MATERIALS AND ANCHORING.

WOOD CRIBS ABOVE ARCHED WINDOWS SHALL COMPLY WITH DRAWING DETAIL CONTAINED HEREIN.

ALL SHIM MATERIALS SHALL BE MADE FROM MATERIALS CAPABLE OF SUSTAINING APPLICABLE LOADS, AND LOCATED AND APPLIED IN A THICKNESS CAPABLE OF WITHSTANDING THOSE LOADS.

THE DESIGN RESPONSIBILITY FOR THE INSTALLATION OF DOORS AND WINDOWS IS DELEGATED TO THE SPECIALTY ENGINEER OF THE MANUFACTURER AS REINFORCED WITH IN ALL TESTING DATA REQUIRED SUBMITTED IN CONJUNCTION WITH THIS PLAN.

OPENING PERIMETERS HAVE BEEN DESIGNED TO TRANSMIT THE IMPOSED LOADS TO THE MAIN WIND FORCE RESISTING SYSTEM.

GARAGE DOORS SHALL SATISFY THE REQUIREMENTS OF FBC 2020 7TH EDITION FOR WIND LOADS AS DEFINED IN ASCE 7-16

IMPACT GLASS OR SHUTTERS SHALL BE USED

SOIL NOTES:

COMPACT BACK FILL 5'-0" FROM STRUCTURE. MINIMUM ALLOWABLE BEARING CAPACITY SHALL BE 2000 PSF.

ALL SOILS SHALL BE FREE OF DEBRIS AND ORGANIC MATERIALS AND COMPACTED TO 95% OF MODIFIED PROCTOR (ASTM D1557).

FOUNDATIONS SHALL BE BUILT ON UNDISTURBED SOIL OR PROPERLY COMPACTED FILL MATERIAL COMPLYING WITH THE FBC-R 2020 7TH EDITION.

STEM WALL FILL SHALL NOT EXCEED 12" LIFTS. SOIL BELOW FOOTINGS SHALL BE TESTED AND ALL SUBSEQUENT FILL SOILS IN LIFT NOT TO EXCEED 12" INTERVALS.

ALL FILL MATERIAL SHALL BE SP OR SM MATERIAL AS DEFINED BY THE UNIFORM SOIL CLASSIFICATION SYSTEM.

ANY QUESTIONABLE SOIL SHALL BE REMOVED OR BROUGHT TO THE ATTENTION OF THE ENGINEER OF RECORD FOR EVALUATION.

SOIL BEARING CAPACITY IS BASED UPON 2,000 PSF.

WOOD GRADE STAKES ARE PROHIBITED.

PEST/DECAY PROTECTION NOTES:

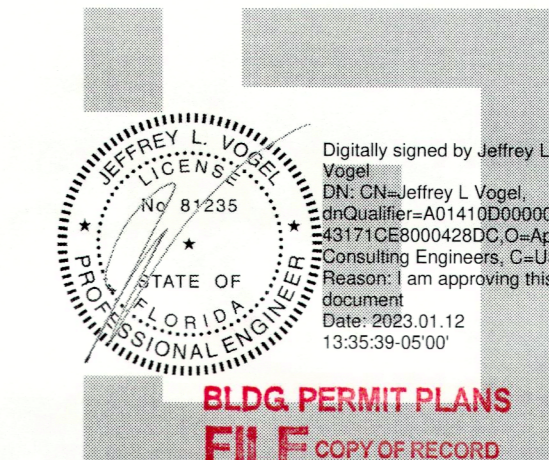
ALL PLANTINGS AND IRRIGATION/SPRINKLER SYSTEMS AND RISERS FOR SPRAY HEADS SHALL BE AT LEAST 1 FOOT FROM BUILDING SIDEWALLS.

SOIL TREATMENT SHALL MEET THE REQUIREMENTS OF FBC 2020 7TH EDITION R318 METHOD.

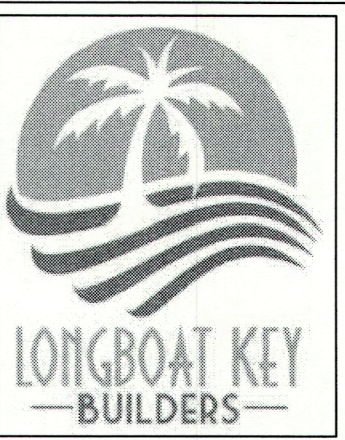
WOOD GRADE STAKES SHALL NOT BE USED.

PROTECTION AGAINST DECAY AND TERMITES SHALL BE PROVIDED IN ACCORDANCE WITH 2020 7TH EDITION FBC R317, R318.

ROOF FLASHING SHALL BE PROVIDED IN ACCORDANCE WITH THE REQUIREMENTS OF 2020 FBC 7TH EDITION R703.7.5, R703.8, R903.2 AND R905.



BLDG. PERMIT PLANS
FILE COPY OF RECORD



1137 Central Ave
Sarasota, FL 34236
CBC 1254945



2615 Bougainvillea St.
Sarasota, FL 34239
941.592.0071
gina.alexandrov@gmail.com



"THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY (JEFFREY VOGEL, PE) USING A SHA-1 AUTHENTICATION CODE FOR STRUCTURAL COMPONENTS ONLY AND DOES NOT INCLUDE THE SHEET(S). PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SHA-1 AUTHENTICATION CODE MUST BE VERIFIED ON ANY ELECTRONIC COPY"

PROJECT

**CHINNIS & KEILEEN
RESIDENCE
LIFT INSTALLATION**
7091 LONGBOAT DRIVE EAST
LONGBOAT KEY, FL 34228

ISSUE

ID	DESCRIPTION	DATE
0	PRELIMINARY PLAN	08.17.2022
0	PERMIT SET	10.05.2022
1	RESPONSE TO COMMENTS	1.12.2022

Permit # PB 22-1186
REVIEWED FOR CODE COMPLIANCE
LONGBOAT KEY BUILDING DEPT.

JAN 21 2023

APPROVED
Reviewer: Nick Mazzei
LIFT HRS INSTALLATION SPEC
MUST BE ON SITE FOR INSPECTION

SHEET TITLE

PROJECT DATA
& ASBUILT/DEMO
PLANS

SHEET No.

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TOWN OF LONGBOAT KEY
Planning, Zoning & Building
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DISCIPLINE TYPE SHEET ID
C.1 **0**

CHINNIS & KILLEEN RESIDENCE REMODEL

7091 LONGBOAT DRIVE EAST
LONGBOAT KEY, FLORIDA 34228

PROJECT DATA

OWNER

RUSTY CHINNIS & CHRISTINE KILLEEN
7091 LONGBOAT DR EAST
LONGBOAT KEY, FLORIDA 34228

PROJECT DATA

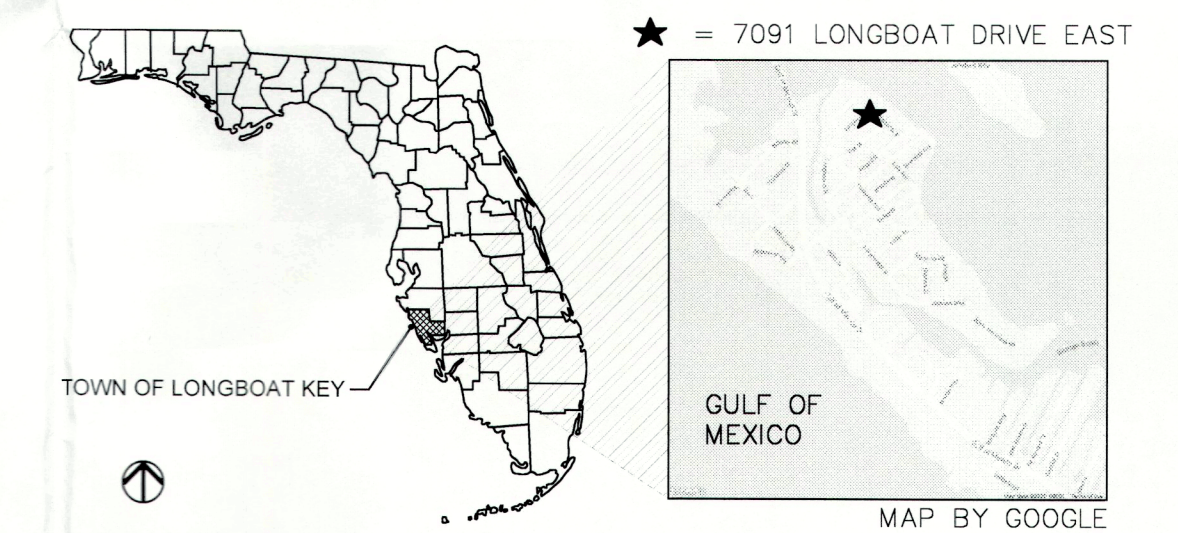
CLASSIFICATION OF WORK	LEVEL 2 ALTERATION
OCCUPANCY	R-3 RESIDENTIAL
TYPE OF CONSTRUCTION	TYPE V
BUILDING CODE	FLORIDA BUILDING, RESIDENTIAL & EXISTING CODE 2020 7th ED. NEC 2017

SCOPE OF WORK: DEMOLITION WORK SHALL INCLUDE THE REMOVAL OF FLOORING, PLUMBING, ELECTRICAL & HVAC FIXTURES AS WELL AS STRUCTURAL WORK AS REQUIRED FOR A NEW ELEVATOR. RENOVATION WORK SHALL INCLUDE THE INSTALLATION OF NEW FLOORING, CABINETRY, ELECTRICAL, AND HVAC FIXTURES AND STRUCTURAL WORK AS REQUIRED FOR NEW ELEVATOR.

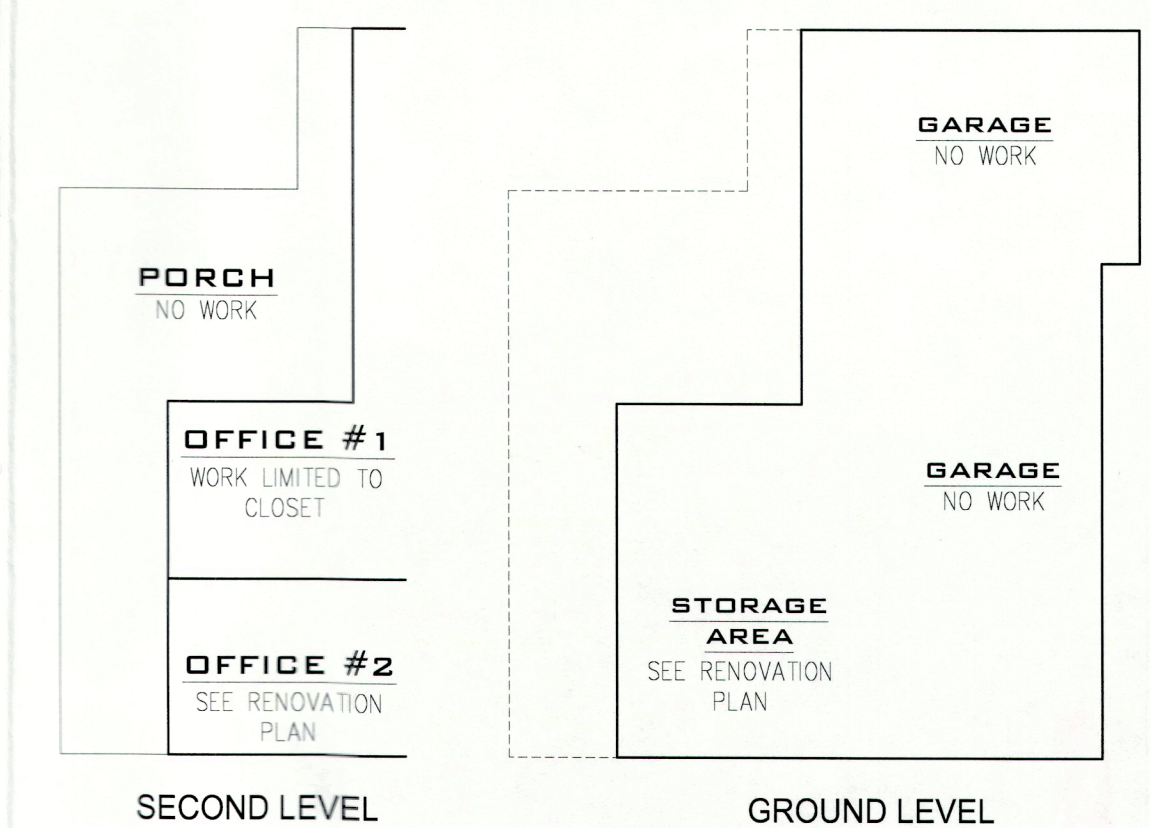
SHEET INDEX

A1.01	PROJECT DATA & ASBUILT/DEMO PLANS
A1.02	RENOVATION FLOOR PLANS
C.1	COVER SHEET
S.1	FOUNDATION PLAN
S.2	SECOND FLOOR FRAMING PLAN
D.1	DETAILS AND SECTION

LOCATION MAPS



KEY PLANS



ABBREVIATIONS

E	EXISTING TO REMAIN "AS IS"
ER	EXISTING TO BE RELOCATED
ED	EXISTING TO BE DISCARDED
GFI	GROUND FAULT INTERRUPTER
RL	EXISTING RELOCATED DEVICE
ERP	EXISTING TO BE REPLACED
N	NEW
WP	WEATHERPROOF ABOVE FINISH FLOOR
AFF	EXISTING
EXTG	EXISTING
WC	WATER CLOSET
W.M.	WIRE MOLDING

NOTE: ALL ELECTRICAL WORK SHALL BE DONE BY A FLORIDA REGISTERED & LICENSED ELECTRICIAN AND SHALL CONFORM TO ALL APPLICABLE CODES

DEMOLITION NOTES

UNLESS NOTED OTHERWISE COMPLETELY REMOVE & DISCARD THE FOLLOWING ITEMS:

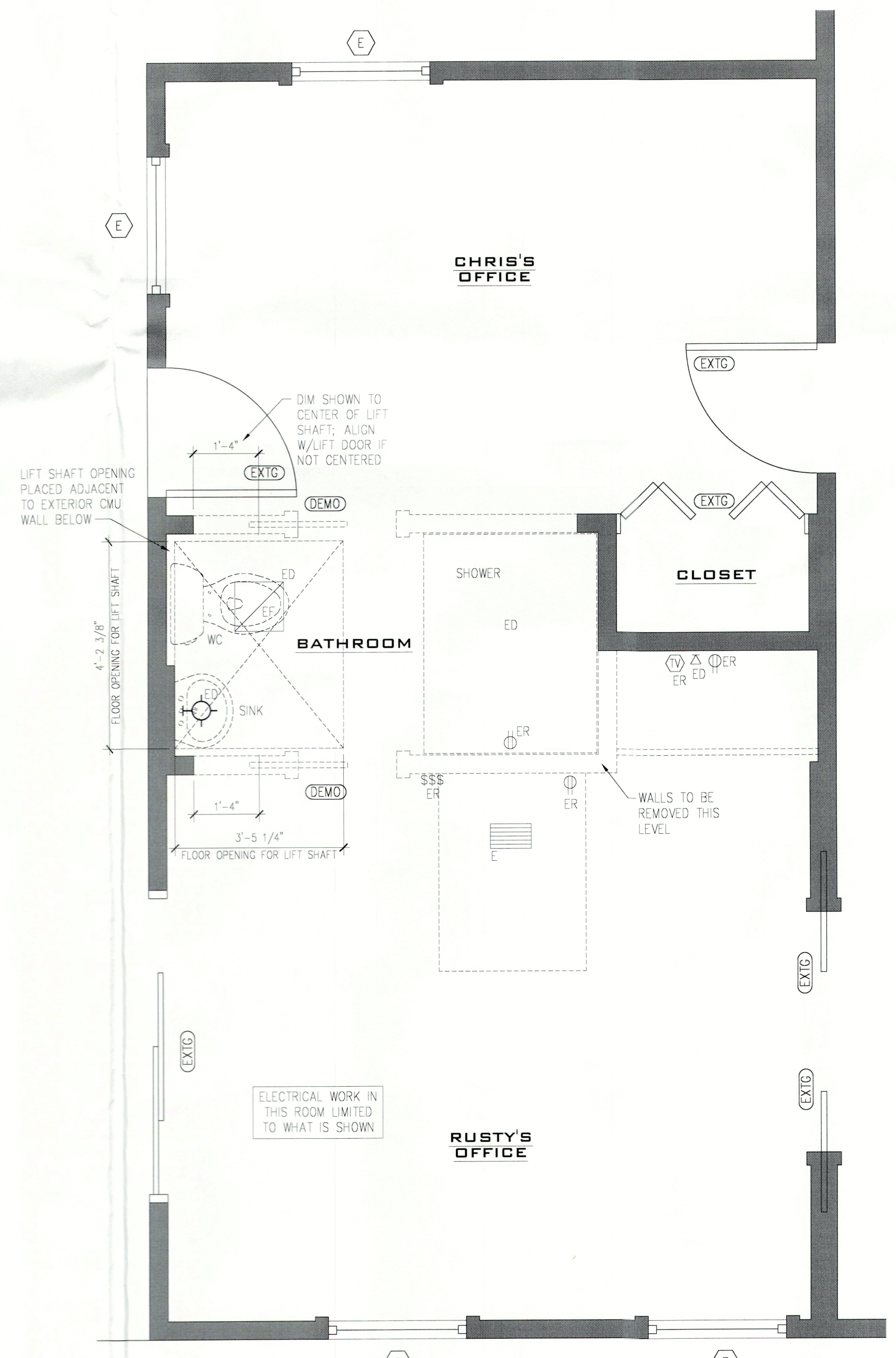
- FLOORING & BASEBOARD
- NON-BEARING WALLS AS INDICATED.
- PLUMBING FIXTURES INCL. SINK, WC, SHOWER ENCLOSURE AND RELATED FAUCET SETS; CAP WATER SUPPLY & DRAIN LINES AS REQUIRED FOR NEW LAY-OUT.
- REMOVE ELECTRICAL OUTLETS & FIXTURES AS NOTED.
- REMOVE DOORS AS NOTED.
- REMOVE EXISTING DESK CABINETS INCL. UPPERS & COUNTERTOP.
- REMOVE PORTION OF SUB FLOOR, JOISTS & BEAM TO ACCOMMODATE NEW LIFT. SHORE EXISTING STRUCTURE AS REQUIRED TO MAINTAIN STRUCTURAL INTEGRITY; SEE STRUCTURAL DWGS.
- REMOVE PORTION OF EXTG CONCRETE SLAB AS REQUIRED TO ACCOMMODATE NEW RECESSED SLAB FOR LIFT PIT. SEE STRUCTURAL DWGS

ELECTRICAL SYMBOL LEGEND

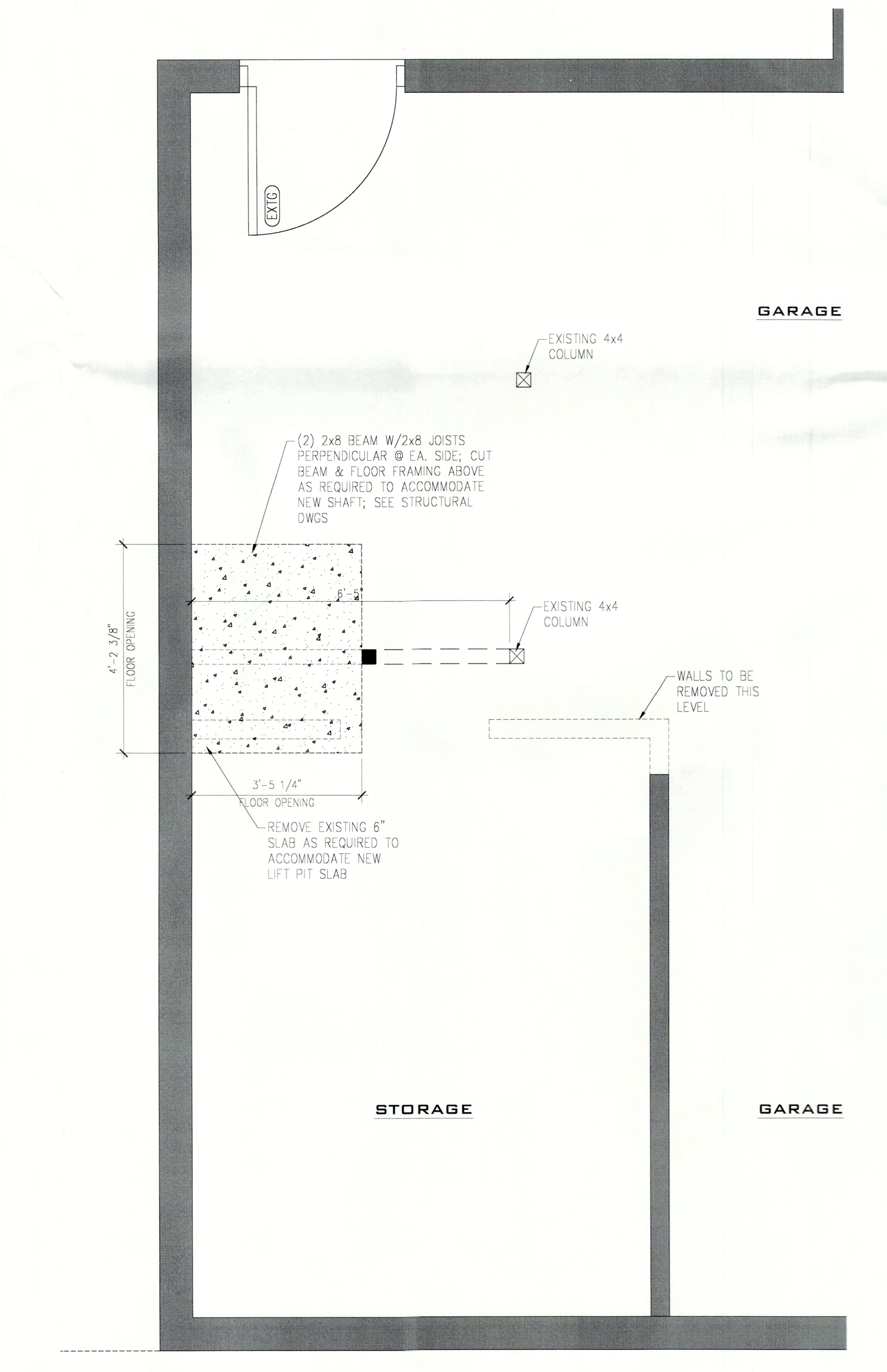
RECESSED LIGHT FIXTURE	LED STRIP LIGHT W/ALUM. CHANNEL & DIFFUSER LENS
WET RATED 4" RECESSED LIGHT FIXTURE	VANITY LIGHT FIXTURE
WALL SCONCE	STRIP LIGHT FIXTURE W/LENS
PENDANT LIGHT FIXTURE	SWITCH SINGLE POLE
SURFACE MOUNTED LIGHT FIXTURE	SWITCH THREE POLE
SMOKE & CO ₂ DETECTOR	DUAL SWITCH SINGLE POLE
THERMOSTAT	DIMMER SWITCH
T.V. JACK	SUPPLY VENT
TELEPHONE JACK	EXHAUST FAN
1/2 SWITCHED DUPLEX OUTLET W/USB PORTS	SPRINKLER HEAD; CONTACT BUILDING VENDOR FOR RECONFIGURATION
DUPLEX OUTLET	
DUPLEX OUTLET, GFI	
DUPLEX QUAD	CEILING FAN

MATERIAL & SYMBOL LEGEND

SELECTIVELY REMOVE AND DISCARD EXISTING NON-BEARING PARTITIONS OR FIXTURE AS INDICATED WHERE DEMOLITION WORK RESULTS IN DAMAGE TO GYPSUM WALLBOARD TO REMAIN, PATCH & REPAIR EXISTING GYPSUM WALLBOARD AS REQ'D.
EXISTING WALL/PARTITION TO REMAIN; PATCH & REPAIR EXISTING GYPSUM WALLBOARD AS REQ'D
COMPLETELY REMOVE & DISCARD DOOR OR WINDOW AND ALL TRIM/CASING
EXISTING DOOR OR WINDOW TO REMAIN & SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION



ASBUILT/DEMOLITION SECOND LEVEL FLOOR PLAN
1/2" = 1'-0"



ASBUILT/DEMOLITION GRADE LEVEL FLOOR PLAN
1/2" = 1'-0"

PROJECT

**CHINNIS & KEILEEN
RESIDENCE
LIFT INSTALLATION**
7091 LONGBOAT DRIVE EAST
LONGBOAT KEY, FL 34228

ISSUE

ID	DESCRIPTION	DATE
P	PRELIMINARY PLAN	08.17.2022
D	PERMIT SET	11.04.2022

SHEET TITLE

PROJECT DATA & ASBUILT/DEMO PLANS

SHEET No.

A1.01

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JAN 17 2023
TOWN OF LONGBOAT KEY
Planning, Zoning & Building



LONGBOAT KEY BUILDERS

1137 Central Ave Sarasota, FL 34236

CBC 1254945



Alexandrov Consulting
2615 Bougainvillea St. Sarasota, FL 34239

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PROJECT

CHINNIS & KEILEEN RESIDENCE LIFT INSTALLATION
7091 LONGBOAT DRIVE EAST
LONGBOAT KEY, FL 34228

ISSUE

ID	DESCRIPTION	DATE
1	PRELIMINARY PLAN	08.17.2022
2	PERMIT SET	11.04.2022
3	RESPONSE TO COMMENTS	12.05.2022

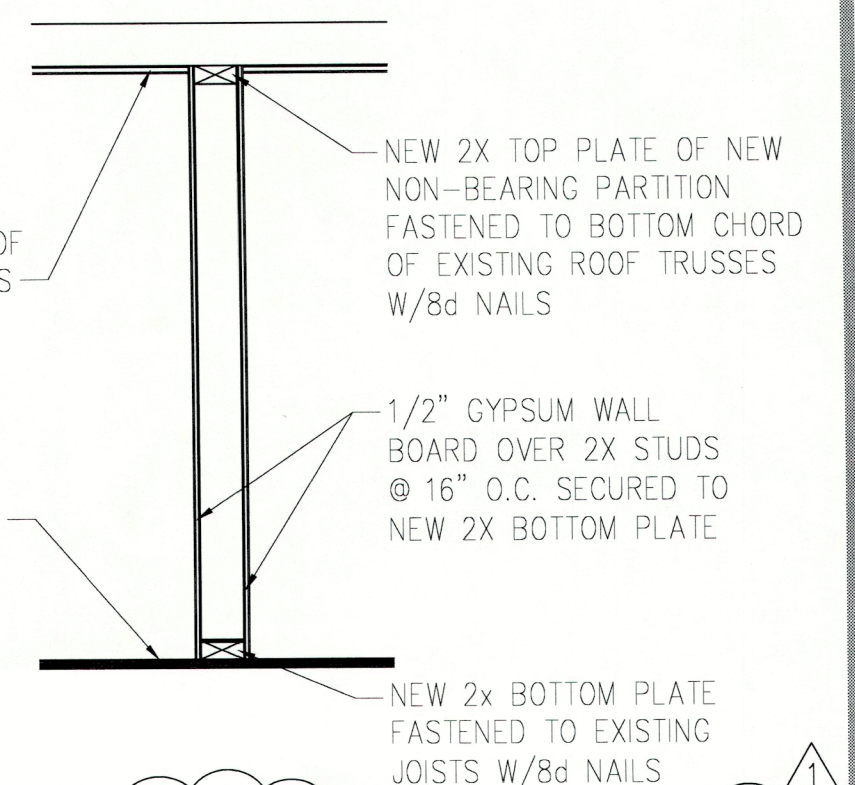
SHEET TITLE

RENOVATION PLANS

SHEET No.

A1.02 1

DISCIPLINE TYPE SHEET ID

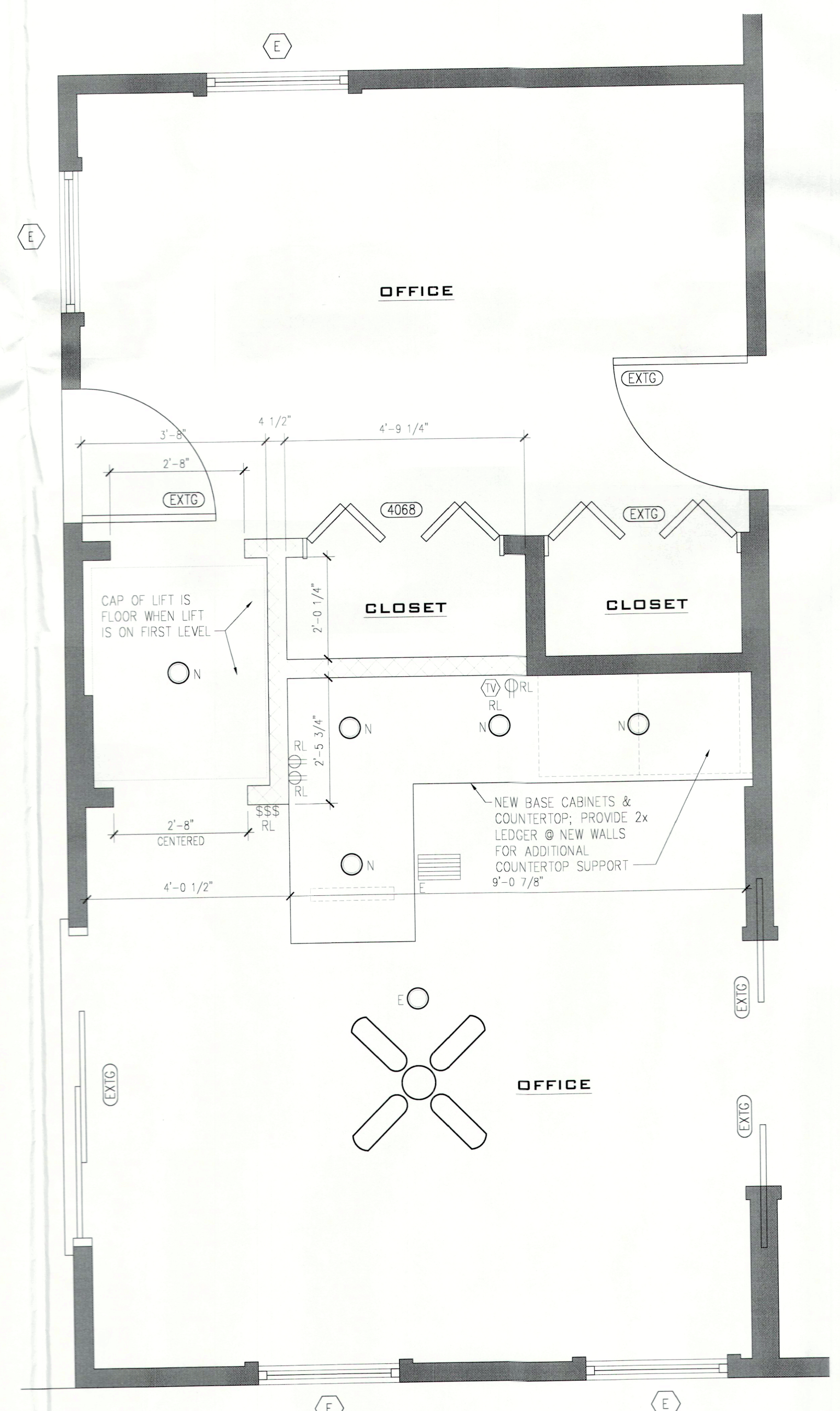


WALL SECTION - NEW NON BEARING WALL
3/4" = 1'-0"

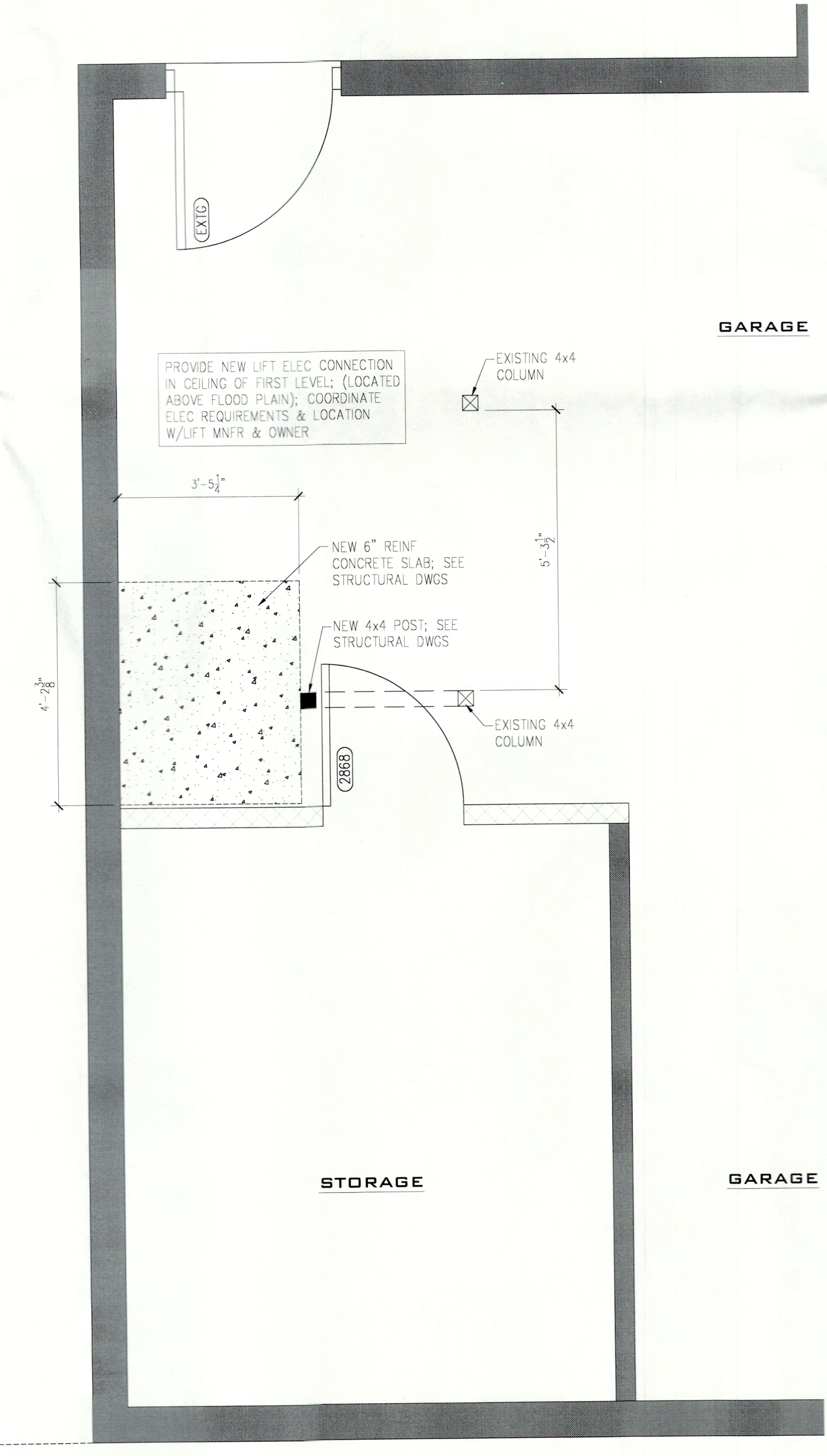
- RENOVATION NOTES**
- UNLESS NOTED OTHERWISE COMPLETELY FURNISH & INSTALL THE FOLLOWING ITEMS:
- 6" REINF. CONCRETE LIFT PIT SLAB; SEE STRUCTURAL DWGS
 - WOOD POST & CONNECTORS; SEE STRUCTURAL DWGS
 - NON-BEARING WALLS AS INDICATED
 - NEW BI-FOLD DOORS AS INDICATED
 - NEW LIFT AND RELATED APPURTENANCES
 - NEW ELECTRICAL AS INDICATED & AS REQUIRED FOR NEW LIFT; COORDINATE LIFT ELEC REQ'MENTS W/MFR SPECIFICATIONS
 - FLOORING & BASEBOARD

MATERIAL & SYMBOL LEGEND

	NEW NON-BEARING PARTITION: 1/2" GYPSUM WALLBOARD OVER EA. SIDE OF 2x STUDS @ 16" O.C.
	EXISTING WALL/PARTITION TO REMAIN; PATCH & REPAIR EXISTING GYPSUM WALLBOARD AS REQ'D
	NEW 4x4 WOOD POST; SEE STRUCTURAL DWGS
	EXISTG 4x4 WOOD POST; SEE STRUCTURAL DWGS
	EXISTING DOOR OR WINDOW TO REMAIN & SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION
	NEW DOOR MATCH EXISTING IN STYLE; W/DTH AND HEIGHT IN FT (EXAMPLE 21080 = 2'-10"W X 8'-0"H)



RENOVATION SECOND LEVEL FLOOR PLAN
1/2" = 1'-0"



RENOVATION GRADE LEVEL FLOOR PLAN
1/2" = 1'-0"

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BLDG. PERMIT PLANS
FILE COPY OF REVISIONS

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PROJECT
CHINNIS & KEILEEN RESIDENCE
 LIFT INSTALLATION
 7081 LONGBOAT DRIVE EAST
 LONGBOAT KEY, FL 34228

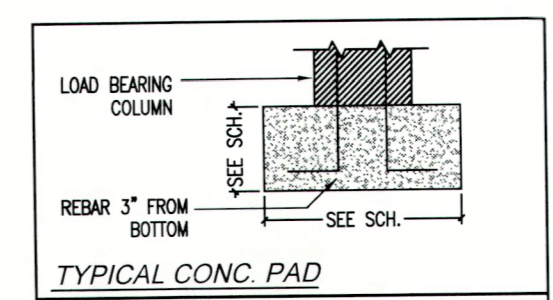
ISSUE

ID	DESCRIPTION	DATE
0	PRELIMINARY PLAN	08.17.2022
0	PERMIT SET	10.05.2022
1	RESPONSE TO COMMENTS	1.12.2022

SHEET TITLE
PROJECT DATA & ASBUILT/DEMO PLANS

SHEET No.

S.1 0



FOOTING SCHEDULE

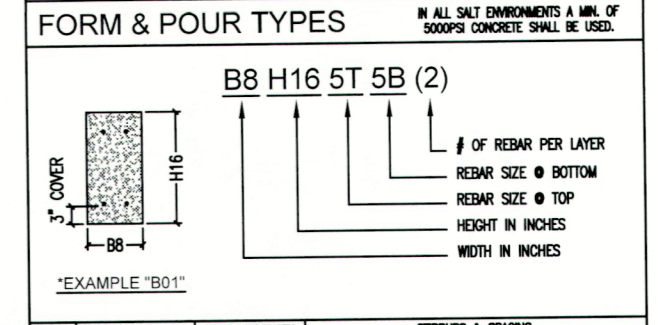
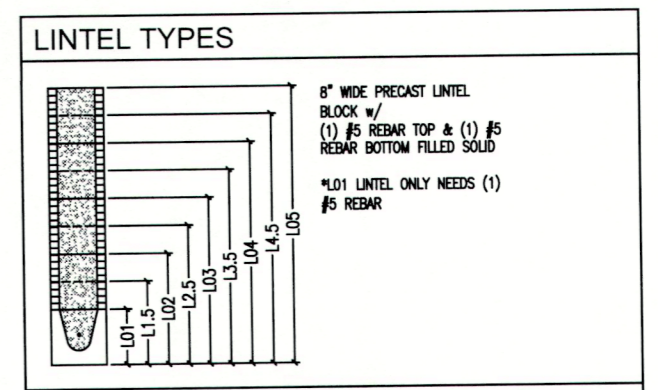
MARK	TYPE	SIZE (W x D)	REBAR
F01	STEM WALL	16" x 16"	(2) #5
F02	STEM WALL	20" x 16"	(3) #5
F03	STEM WALL	24" x 12"	(3) #5
F04	STEM WALL	30" x 12"	(4) #5
F05	WOOD FOOTER	12" x 8"	(2) #5
F06	WOOD FOOTER	12" x 20"	(2) #5
F07	WOOD FOOTER	14" x 20"	(2) #5
F08	INTERIOR FOOTING	12" x 12"	(2) #5
F09	INTERIOR FOOTING	14" x 14"	(2) #5
F10	STEP DOWN FOOTING	12" x 12"	(2) #5
F11	STEP DOWN FOOTING	14" x 14"	(2) #5

PAD SCHEDULE

MARK	TYPE	SIZE (W x L x D)	REBAR
P01	CONC. PAD	1'-0" x 1'-0" x 2'-0"	(2) #5 EA. WAY
P1.5	CONC. PAD	1'-0" x 1'-0" x 1'-0"	(2) #5 EA. WAY
P02	CONC. PAD	2'-0" x 2'-0" x 1'-0"	(3) #5 EA. WAY
P2.5	CONC. PAD	2'-0" x 2'-0" x 1'-0"	(3) #5 EA. WAY
P03	CONC. PAD	3'-0" x 3'-0" x 1'-0"	(4) #5 EA. WAY
P3.5	CONC. PAD	3'-0" x 3'-0" x 1'-0"	(4) #5 EA. WAY
P04	CONC. PAD	4'-0" x 4'-0" x 1'-0"	(5) #5 EA. WAY

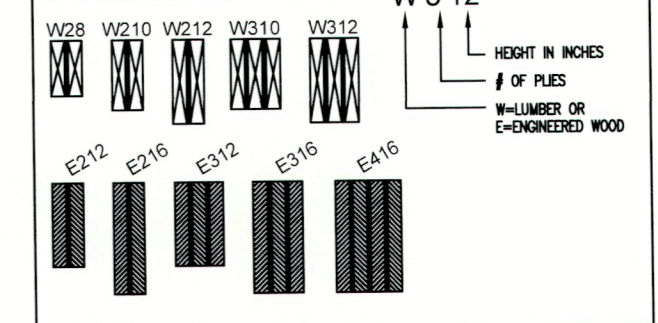
REBAR LOCATION:
 ONE STORY BLOCK WALLS TO HAVE #5 REBAR @ 8" O.C.
 TWO STORY BLOCK WALLS TO HAVE #5 REBAR @ 4" O.C.

GENERAL NOTES:
 SEE GENERAL NOTES PAGE FOR BUILDING SPECIFICATIONS, CONSTRUCTION NOTES, SCOPE OF WORK AND DESIGN CRITERIA.
 SEE ARCHITECTURAL PLANS FOR PLUMBING LOCATIONS



WOOD BEAM SCHEDULE

MARK	TYPE	CONC. STRENGTH	SPACING & SPANS
W01	#6 H16 ST 5B (2)	3000 psi	#1 @ 16" O.C. 4' FROM ONE & 10" O.C. ELSEWHERE
W02	#6 H16 ST 7B (2)	3000 psi	#1 @ 16" O.C. 4' FROM ONE & 10" O.C. ELSEWHERE
W03	#6 H16 ST 7B (2)	3000 psi	#1 @ 16" O.C. 4' FROM ONE & 10" O.C. ELSEWHERE
W04	#6 H16 ST 7B (2)	3000 psi	#1 @ 16" O.C. 4' FROM ONE & 10" O.C. ELSEWHERE
W05	#6 H16 ST 7B (2)	3000 psi	#1 @ 16" O.C. 4' FROM ONE & 10" O.C. ELSEWHERE
W06	#6 H16 ST 7B (2)	3000 psi	#1 @ 16" O.C. 4' FROM ONE & 10" O.C. ELSEWHERE



WOOD BEAM SCHEDULE

MARK	TYPE	SIZE (D x S)	PLY	GRADE	NOTES
W08	SOLID SAWN	2x8	2	NO. 2	
W09	SOLID SAWN	2x10	2	NO. 2	
W10	SOLID SAWN	2x12	2	NO. 2	
W11	SOLID SAWN	2x12	3	NO. 2	
W12	SOLID SAWN	2x12	3	NO. 2	
E210	ENGINEERED WOOD	3.5x11.25"		NO. 1.8 E	
E212	ENGINEERED WOOD	3.5x11.25"		NO. 1.8 E	
E312	ENGINEERED WOOD	3.5x11.25"		NO. 1.8 E	
E318	ENGINEERED WOOD	3.5x11.25"		NO. 1.8 E	
E418	ENGINEERED WOOD	3.5x11.25"		NO. 1.8 E	

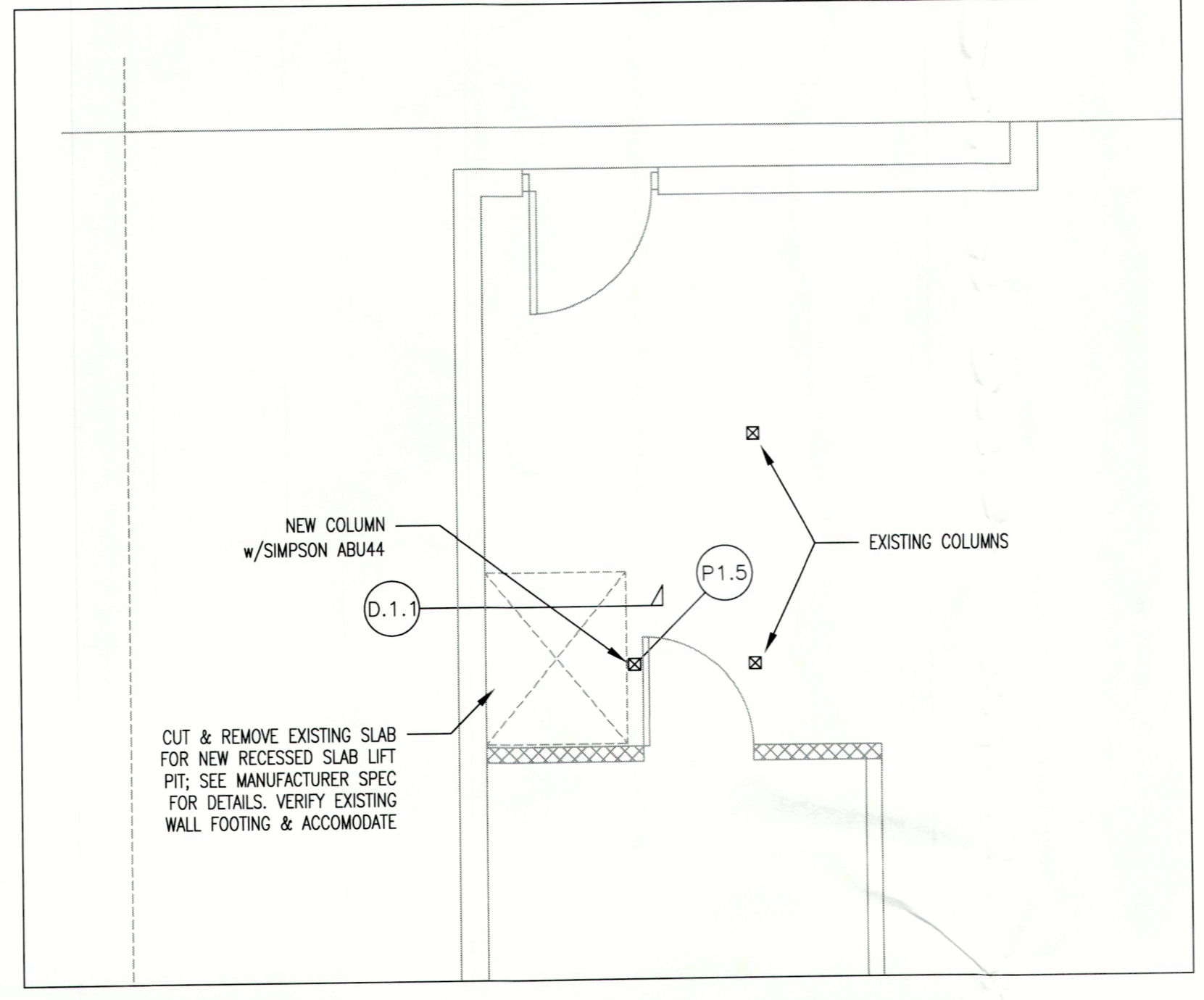
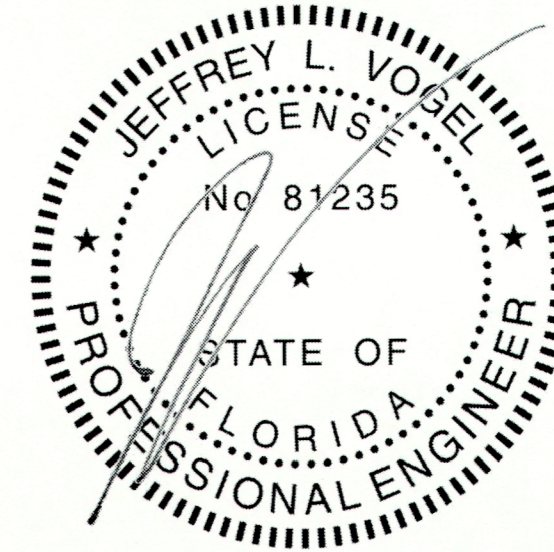
COLUMN SCHEDULE

MARK	TYPE	SIZE (D x S)	REBAR
C01	SOLID SAWN	4x4	C07 ONE COLUMN W/ (1) #5 4x4"
C02	SOLID SAWN	4x4	C08 ONE COLUMN W/ (1) #5 4x4"
C03	SOLID SAWN	4x4	C09 ONE COLUMN W/ (1) #5 4x4"
C04	ENGINEERED WOOD	3.5x11.25"	C10 ONE COLUMN W/ (1) #5 4x4"
C05	ENGINEERED WOOD	3.5x11.25"	C11 ONE COLUMN W/ (1) #5 4x4"
C06	ENGINEERED WOOD	3.5x11.25"	C12 ONE COLUMN W/ (1) #5 4x4"

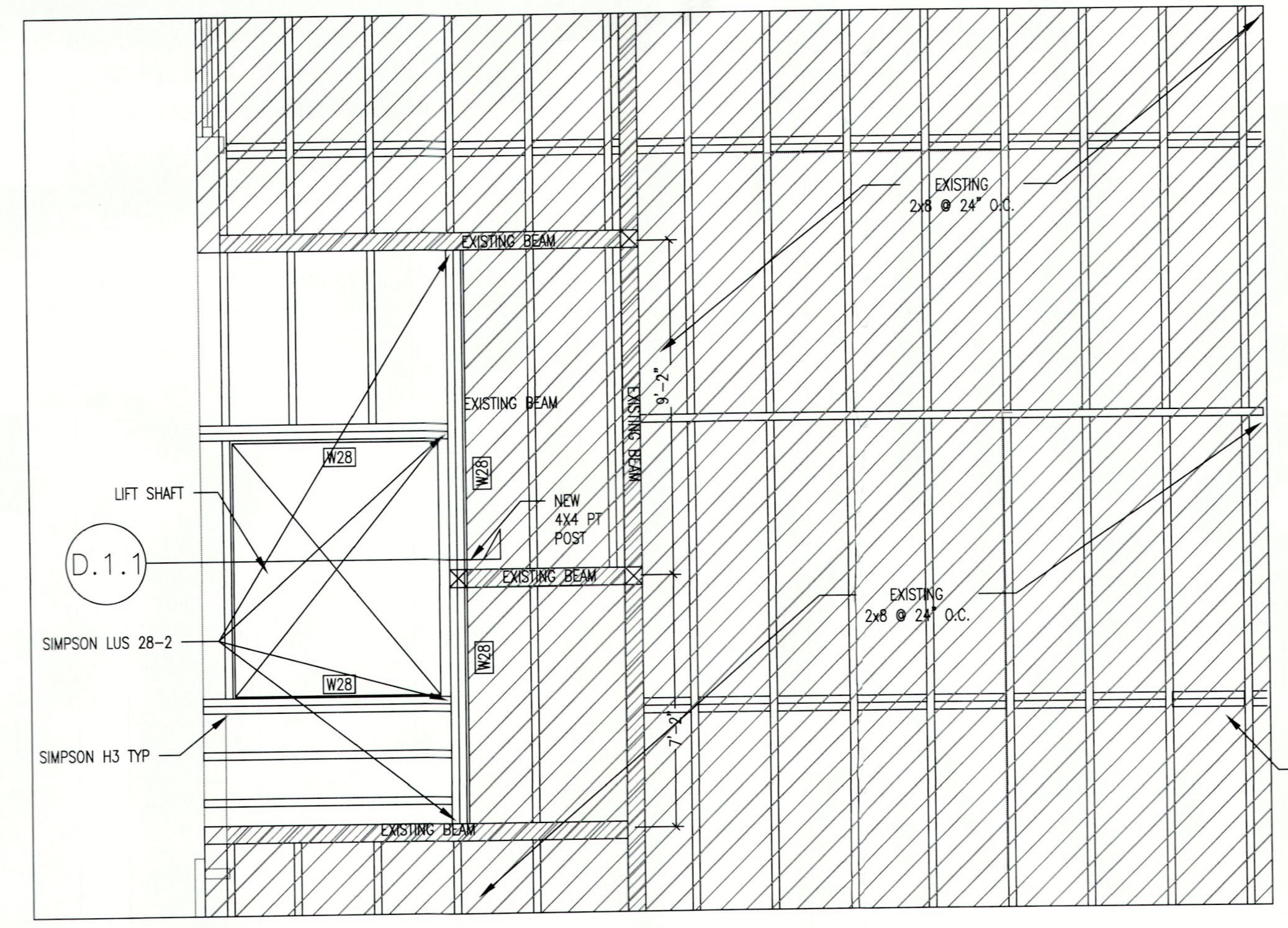
WALL LEGEND:
 - 4" FRAME WALL
 - 8" FRAME WALL
 - 8" CMU WALL
 INDICATES POINT LOAD FROM ROOF

REBAR LOCATION:
 BLOCK WALLS TO HAVE #5 REBAR @ 4" O.C. (MAX.)
SHEAR WALL:
 USE SIMPSON KITS OR (2) STEELS TO MAKE SHEAR WALL. USE TYPING PLAN FOR LOCATIONS.

GENERAL NOTES:
 SEE GENERAL NOTES PAGE FOR BUILDING SPECIFICATIONS, CONSTRUCTION NOTES, SCOPE OF WORK AND DESIGN CRITERIA.
 PRE-ENGINEERED TRUSS PLANS BY OTHERS TO BE REVIEWED & SIGNED BY ENGINEER OF RECORD BEFORE FRAME ISSUANCE.
 ALL GUSSET TRUSSES SET ON CMU WALLS TO HAVE FILLED CELLS DIRECTLY BELOW

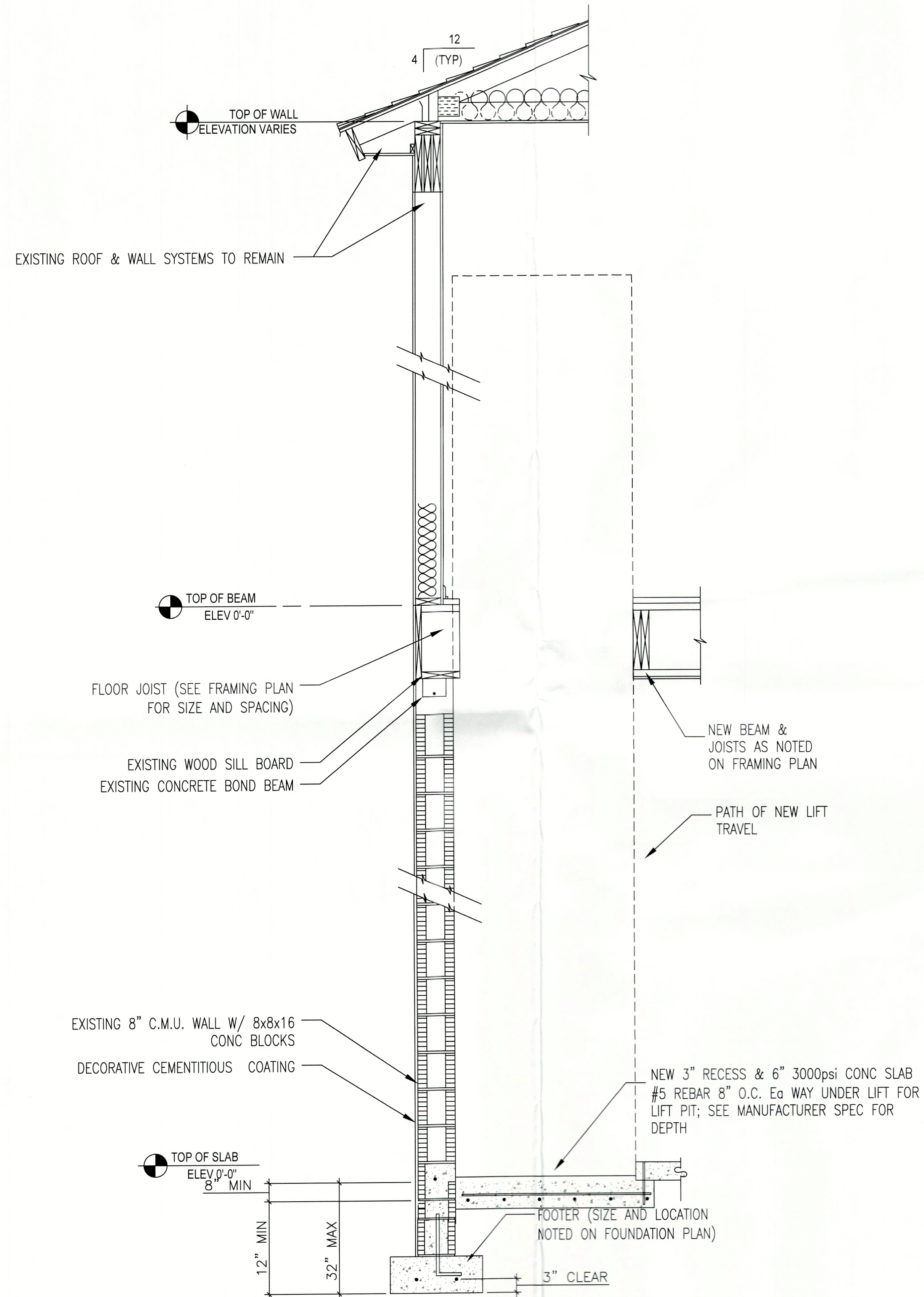


FOUNDATION PLAN
 SCALE: 3/16" = 1'-0"

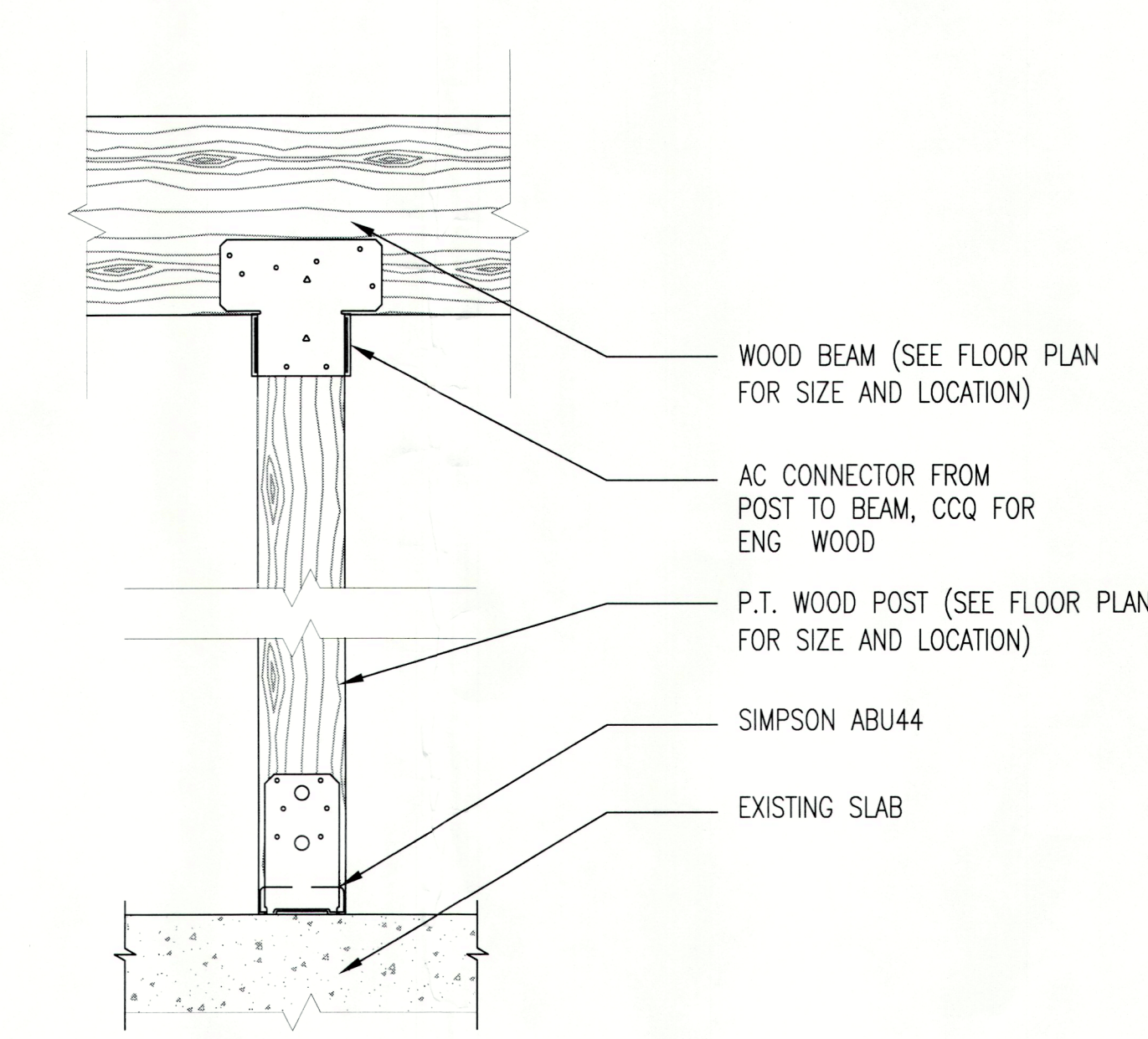


SECOND FLOOR FRAMING PLAN
 1/2" = 1'-0"

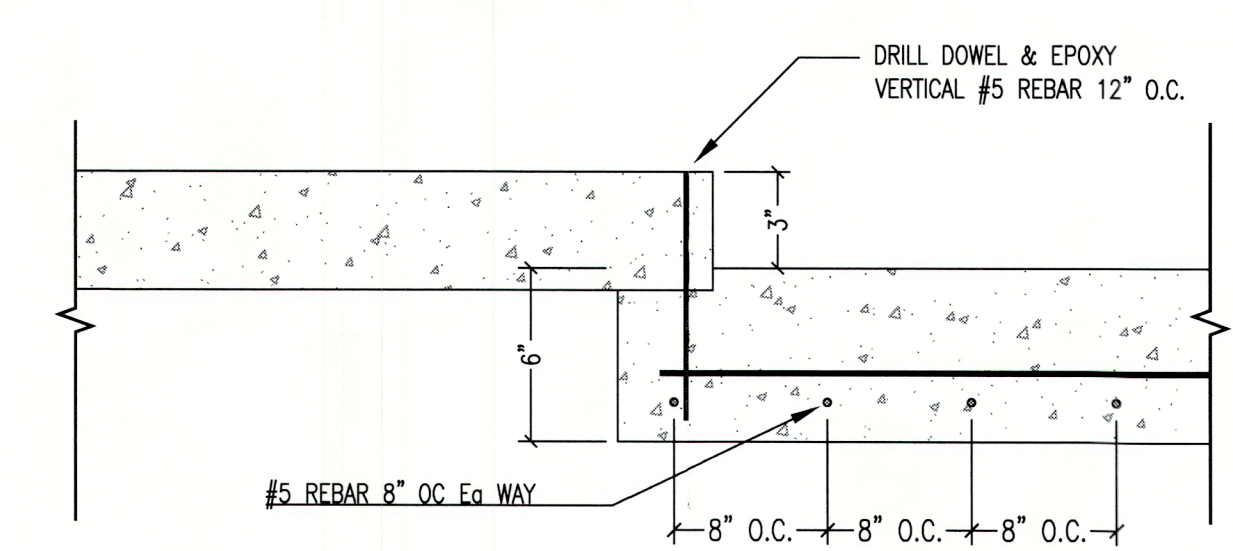
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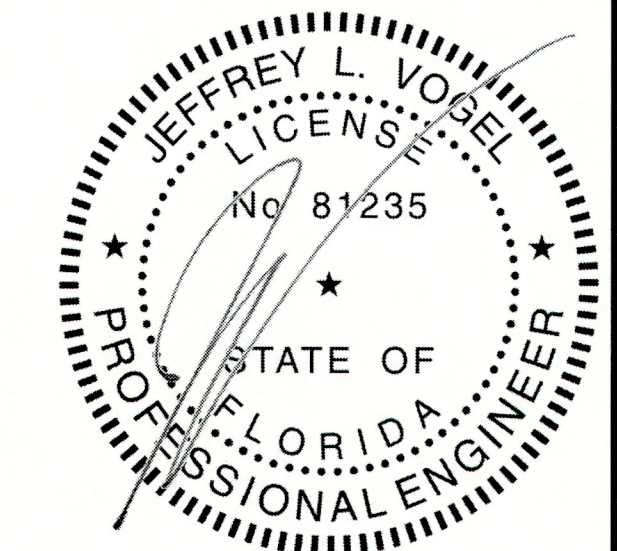
1 SLAB RECESS & WALL DETAIL
3/4" = 1'-0"



2 COLUMN & BEAM DETAIL
NTS



3 NEW RECESSED SLAB DETAIL
3/4" = 1'-0"



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PROJECT
CHINNIS & KEILEEN RESIDENCE LIFT INSTALLATION
7091 LONGBOAT DRIVE EAST
LONGBOAT KEY, FL 34228

ISSUE

ID	DESCRIPTION	DATE
0	PRELIMINARY PLAN	08.17.2022
0	PERMIT SET	10.05.2022
1	RESPONSE TO COMMENTS	1.12.2022

SHEET TITLE
PROJECT DATA & ASBUILT/DEMO PLANS

SHEET No.
D.1 | 0

DISCIPLINE TYPE SHEET ID

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