

STRUCTURAL SPECIFICATIONS

MISCELLANEOUS

- THESE ABBREVIATED DRAWING SPECIFICATIONS ARE WRITTEN TO MATCH THE BOOK SPECIFICATIONS. IF THERE ARE ANY ITEMS THAT DO NOT CORRESPOND EXACTLY AS WRITTEN, THE MORE STRINGENT WILL TAKE PRECEDENCE.
- THE STRUCTURAL SYSTEM IS UNSTABLE UNTIL ALL CONNECTIONS HAVE BEEN MADE AND ALL CONCRETE HAS REACHED ITS MINIMUM DESIGN STRENGTH, AS SHOWN IN THE STRUCTURAL DOCUMENTS.
- CONTRACTOR IS RESPONSIBLE FOR MEANS AND METHODS OF CONSTRUCTION TO ENSURE THE SAFETY OF THE BUILDING UNTIL STRUCTURAL SYSTEM IS COMPLETED. THIS INCLUDES, BUT IS NOT LIMITED TO, THE ADDITION OF WHATEVER TEMPORARY BRACING, SHORING, GUYS OR TIE-DOWNS THAT MAY BE NECESSARY. SUCH MATERIAL SHALL BE REMOVED AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR AFTER COMPLETION OF THE PROJECT.
- APPLICABLE BUILDING CODE: 2004 FLORIDA BUILDING CODE with 2005 and 2006 SUPPLEMENTAL PAGES
- DESIGN LOADS:

AREA	SUPERIMPOSED LIVE LOAD
ROOF	20 PSF

AREA	DEAD LOAD
ROOF	25 PSF
- BASIC WIND SPEED = 120 MPH w/3 SEC GUSTS
BUILDING CATEGORY = III
IMPORTANCE FACTOR = 1.15
EXPOSURE CATEGORY = C
PARTIALLY ENCLOSED BUILDING COEFFICIENTS +/- 0.55
WIND BORNE DEBRIS REGION
- ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE BUILDING CODE.
- CONTACT ENGINEER WITH ANY QUESTIONS OR DISCREPANCIES FOUND ON DRAWINGS.
- SUBMIT SHOP DRAWINGS AS REQUIRED HEREIN. ALLOW FOR TWO WEEKS REVIEW TIME AFTER RECEIPT OF SUBMITTALS BY THIS FIRM. ALL SUBMITTALS SHALL BE CHECKED AND SIGNED BY THE GENERAL CONTRACTOR AND SIGNED/SEALED BY THE SPECIALTY ENGINEER, WHERE SPECIFIED HEREIN.
- SUBMIT FIVE SETS OF ALL SHOP DRAWINGS.
- CONTRACTOR SHALL NOT BE RELIEVED FROM RESPONSIBILITY FOR ERRORS OR OMISSIONS IN SHOP DRAWINGS OR MIX DESIGNS BY THE ENGINEER'S REVIEW THEREOF.
- ANY CHANGES TO THE STRUCTURE SHALL HAVE BEEN REVIEWED AND APPROVED IN WRITING BY THE ENGINEER PRIOR TO COMMENCING WORK ON ITEMS AFFECTED.
- ANY CHANGES MADE WITHOUT PRIOR APPROVAL ARE SUBJECT TO REVIEW BY THE ENGINEER. CONTRACTOR SHALL PROVIDE SKETCHES, PHOTOGRAPHS, AND WRITTEN DESCRIPTION OF EACH DEVIATION FROM THE PLANS FOR THE ENGINEER'S REVIEW.
- CONTRACTOR SHALL NOTIFY ARCHITECT WHEN THE STRUCTURAL SYSTEM IS SUBSTANTIALLY COMPLETED, AND BEFORE SHEATHING, CEILINGS, OR ROOFING IS INSTALLED.

SITE WORK

- ASSUMED DESIGN SOIL BEARING PRESSURE = 2000 PSF.
- A GEOTECHNICAL INVESTIGATION OF AT LEAST ONE 25'-0" DEEP SOIL BORING SHALL BE DONE AT THE CENTER OF EACH PROPOSED ADDITION
- GEOTECHNICAL INVESTIGATION SHALL BE CONDUCTED BY A LICENSED PROFESSIONAL ENGINEER WHO SHALL PROVIDE A SIGNED & SEALED SOILS REPORT DESCRIBING FOUNDATION DESIGN RECOMMENDATIONS AND SITE PREPARATION PROCEDURES.

CAST-IN-PLACE CONCRETE

- ALL CAST-IN-PLACE CONCRETE WORK INCLUDES REINFORCING STEEL AND RELATED WORK SHOWN INCLUDING FORMWORK, SETTING ANCHOR BOLTS, PLATES, FRAMES, DOWELS FOR MASONRY OR OTHER ITEMS EMBEDDED IN CONCRETE.
- APPLICABLE STANDARDS

ACI NUMBER	TITLE
117	STANDARD SPECIFICATIONS FOR TOLERANCES FOR CONCRETE CONSTRUCTION
226	GROUND GRANULATED BLAST-FURNACE SLAG STANDARD SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS
301	GUIDE FOR CONCRETE FLOOR AND SLAB CONSTRUCTION
302	GUIDE FOR MEASURING MIXING, TRANSPORTING AND PLACING CONCRETE
304	PLACING CONCRETE BY PUMPING METHODS.
304.2 R-91	HOT WEATHER CONCRETING
305R	COLD WEATHER CONCRETING
306R	STANDARD PRACTICE FOR CURING CONCRETE
308	GUIDE FOR CONSOLIDATION OF CONCRETE
309R	MANUAL OF STANDARD PRACTICE FOR DETAILING CONCRETE STRUCTURES
315	BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE
318	RECOMMENDED PRACTICE FOR CONCRETE FORMWORK
347	RECOMMENDED PRACTICE FOR PLACING REINFORCING BARS

CRSI NUMBER	TITLE
	RECOMMENDED PRACTICE FOR PLACING REINFORCING BARS
- CONCRETE MATERIALS
 - PORTLAND CEMENT - ASTM C 150, TYPE I
 - AGGREGATES - NORMAL WEIGHT CONCRETE, COARSE AND FINE, ASTM C33
 - AIR-ENTRAINING - ASTM C260
 - WATER REDUCING - ASTM C494, TYPE A
 - WATER - FRESH, CLEAN AND POTABLE
 - NO ACCELERATORS, RETARDERS OR ADMIXTURES CONTAINING CHLORIDES WILL BE PERMITTED
 - FLY-ASH - ASTM C618, CLASS F, 20% MAXIMUM BY WEIGHT. DO NOT USE FOR EXPOSED SLABS OR ARCHITECTURAL CONCRETE.
 - SUPER PLASTICIZER - ASTM C494, TYPE F OR G, WHERE AUTHORIZED BY THE ENGINEER.
 - GROUND GRANULATED BLAST-FURNACE SLAG CEMENT - ASTM C989, 50% MAXIMUM BY WEIGHT.
 - MAXIMUM AGGREGATE SIZE - FOOTINGS = #57, OTHERS #67
- REINFORCING MATERIALS
 - DEFORMED BARS - ASTM A615, GRADE 60
 - SMOOTH DOWELS - ASTM A615, PLAIN BARS, MINIMUM YIELD STRENGTH OF 60,000 PSI.
 - ACCESSORIES TO CONFORM TO ACI 315.
 - WHERE CONCRETE SURFACES ARE EXPOSED, MAKE THOSE PORTIONS OF ALL ACCESSORIES IN CONTACT WITH THE CONCRETE SURFACE OR WITHIN 1/2 INCH THEREOF, OF PLASTIC OR STAINLESS STEEL.
- PROVIDE THE FOLLOWING MINIMUM CONCRETE STRENGTHS AT 28 DAYS:
 - FOOTINGS & SLAB-ON-GRADE -----3000 PSI
- CONCRETE MUST BE BATCHED, MIXED AND TRANSPORTED IN ACCORDANCE WITH THE SPECIFICATIONS FOR READY-MIXED CONCRETE ASTM C94.
- REQUIRED SLUMP = 4 PLUS OR MINUS ONE INCH.
- CONCRETE MUST BE PLACED WITHIN 90 MINUTES OF BATCH TIME.
- DO NOT ADD WATER AT THE JOB SITE WITHOUT APPROVAL OF THE PROJECT SUPERINTENDENT. DO NOT EXCEED THE SLUMP LIMITATION. USE ONLY COLD WATER FROM THE TRUCK TANK. ANY ADDED WATER MUST BE INDICATED ON THE DELIVERY TICKET PLUS THE NAME OF THE PERSON AUTHORIZING.
- LAP SPLICE ALL BARS 30 DIAMETERS MINIMUM UNLESS OTHERWISE SHOWN OR NOTED.
- PROVIDE CORNER BARS AT ALL WALL FOOTING, WALL AND BEAM CORNERS. SIZE AND NUMBER TO MATCH HORIZONTAL BARS.
- ALL REINFORCEMENT SHALL BE FASTENED AND SECURED TOGETHER TO PREVENT DISPLACEMENT BY CONSTRUCTION LOADS OR THE PLACING OF CONCRETE.
- REINFORCING BAR COVER
 - FOOTINGS 3"
 - SLABS 3/4" (INTERIOR) 1-1/2" (EXTERIOR)
- WHERE BAR LENGTHS ARE GIVEN ON THE DRAWINGS, LENGTH OF HOOK, IF REQUIRED, IS NOT INCLUDED.
- SELECT PROPORTIONS IN ACCORDANCE WITH ACI 301 TO PROVIDE CONCRETE CAPABLE OF BEING PLACED WITHOUT EXCESSIVE SEGREGATION AND WITH ACCEPTABLE FINISHING PROPERTIES, DURABILITY, SURFACE HARDENERS, APPEARANCE, AND STRENGTH REQUIREMENTS REQUIRED BY THESE SPECIFICATIONS.
- MAXIMUM WATER TO CEMENT RATIO WHEN NO BACK-UP DATA IS AVAILABLE:
 - 3000 PSI, 28-DAY COMPRESSIVE STRENGTH; W/C RATIO, 0.58 MAXIMUM (NON-AIR-ENTRAINED), 0.47 MAXIMUM (AIR-ENTRAINED).
- DATA TO BE SUBMITTED:
 - INTENDED USAGE AND LOCATION FOR EACH TYPE
 - MIX DESIGN FOR EACH TYPE
 - CEMENT CONTENT IN POUNDS-PER-CUBIC YARD
 - COARSE AND FINE AGGREGATE IN POUNDS/CUBIC YARD
 - WATER CEMENT RATIO BY WEIGHT
 - CEMENT TYPE AND MANUFACTURER
 - SLUMP RANGE
 - AIR CONTENT
 - ADMIXTURE TYPE AND MANUFACTURER
 - PERCENT ADMIXTURE BY WEIGHT
 - STRENGTH TEST DATA REQUIRED TO ESTABLISH MIX DESIGN.
 - COMPLETE DETAIL AND PLACING SHOP DRAWINGS FOR ALL REINFORCING STEEL INCLUDING ACCESSORIES THAT HAVE BEEN REVIEWED AND STAMPED BY THE GENERAL CONTRACTOR.
 - INTERNAL VIBRATION, PROPERLY APPLIED IS THE REQUIRED METHOD OF CONSOLIDATING PLASTIC CONCRETE.
 - CONTRACTOR SHALL VERIFY LOCATIONS OF ALL OPENINGS, SLEEVES, AND SLAB RECESSES AS REQUIRED BY OTHER TRADES BEFORE CONCRETE IS PLACED. NO SLEEVE, OPENINGS, OR INSERT MAY BE PLACED IN BEAMS, JOISTS, OR COLUMN UNLESS APPROVED BY THE ENGINEER.
- CONTRACTOR SHALL VERIFY LOCATIONS OF ALL OPENINGS, SLEEVES, AND SLAB RECESSES AS REQUIRED BY OTHER TRADES BEFORE CONCRETE IS PLACED. NO SLEEVE, OPENINGS, OR INSERT MAY BE PLACED IN BEAMS, JOISTS, OR COLUMN UNLESS APPROVED BY THE ENGINEER.

- CONTRACTOR SHALL VERIFY EMBEDDED ITEMS INCLUDING, BUT NOT LIMITED TO, ANCHOR BOLTS, BOLT CLUSTERS, WELD PLATES, ETC., BEFORE PLACING CONCRETE. NOTIFY ENGINEER OF ANY CONFLICTS WITH REBAR.
- SEE ARCHITECTURAL DRAWINGS FOR REQUIRED CONCRETE FINISHES.
- SLOPE ALL WALKWAYS TO DRAIN AWAY FROM THE BUILDING.
- ALL BUILDING FLOOR AND SITE SLABS-ON-GRADE TO BE 4" MINIMUM THICKNESS.
 - REINFORCED WITH FIBERMESH M.D. PLACED ON 10 MIL POLYETHYLENE VAPOR BARRIER ON TERMITRE TREATED SUBGRADE - LAP 6" MIN & TAPE ALL JOINTS.
- TESTING
 - A QUALIFIED TESTING LAB SHALL BE RETAINED TO PERFORM QUALITY CONTROL WORK AND ON-SITE TESTING.
 - AIR TEST - ASTM C231
 - SLUMP TEST - ASTM 143
 - MOLD AND CURE TEST CYLINDERS (ASTM C-31) AND TEST CYLINDERS FOR STRENGTH (ASTM C39). TAKE ONE TEST - FOUR CYLINDERS FOR EACH DAYS POUR OF 50 CUBIC YARDS, OR FRACTION THEREOF. TEST ONE CYLINDER AT 7 DAYS, TWO AT 28 DAYS AND ONE HOLD.
 - ONE COPY OF ALL TEST REPORTS SHALL BE SENT DIRECTLY TO THE OWNER, ENGINEER, ARCHITECT AND GENERAL CONTRACTOR.
- REPAIR ANY CRACKS OR DEFECTIVE AREAS THAT WILL RESTORE THE AFFECTED SURFACE OR AREAS TO THEIR FULL DESIGN STRENGTH AND APPEARANCE. CONTACT THE STRUCTURAL ENGINEER FOR ADVICE AND EVALUATION.
- ACCEPTANCE OF THE STRUCTURE WILL BE MADE IN CONFORMANCE WITH ACI

MASONRY

- HOLLOW LOAD BEARING UNITS SHALL CONFORM TO ASTM C90, NORMAL WEIGHT, TYPE II. MINIMUM NET COMPRESSIVE UNIT STRENGTH = 2000 PSI. (NET AREA COMPRESSIVE MASONRY STRENGTH f'm = 1500 PSI).
- MORTAR SHALL BE TYPE M OR S AND CONFORM TO ASTM C270 (PROPORTION OR PROPERTY SPECIFICATION).
- COARSE GROUT SHALL CONFORM TO ASTM C476:
 - 2500 PSI AT 28 DAYS.
 - 1/4" MAXIMUM AGGREGATE.
 - 8" - 11" SLUMP.
- CODES AND STANDARDS:

ACI 530.1 /ASCE 6/ TMS 602 IS INCLUDED BY REFERENCE IN ITS ENTIRETY.
- VERTICAL BARS SHALL BE HELD IN POSITION AT THE TOP AND BOTTOM OF BAR AND AT 8'-0" O.C. MAXIMUM WITH A MINIMUM CLEARANCE OF 1/2" FROM MASONRY. THE CLEAR DISTANCE BETWEEN BARS SHALL NOT BE LESS THAN ONE BAR DIAMETER, NOR LESS THAN 1". CENTER BARS IN WALLS U.N.O.
- VERTICAL REINFORCING SHALL BE AS SHOWN ON THE DRAWINGS. FILL CELLS WITH COARSE GROUT AS SPECIFIED. PROVIDE ACI 90 DEGREE STANDARD HOOKS INTO FOOTING AND ROOF TIE BEAM. LAP SPLICE VERTICAL REINFORCEMENT ABOVE FOOTING AND ABOVE EACH FLOOR LEVEL UNLESS NOTED OTHERWISE. MAINTAIN VERTICAL REINFORCING SHOWN ON PLANS ABOVE AND BELOW MASONRY OPENINGS EXCEEDING 10'-0" CLEAR. CONTINUE FOUNDATION DOWELS BELOW ALL MASONRY OPENINGS.
- ALL REINFORCED FILL CELLS ARE TO BE CLEAN AND FREE OF ANY FOREIGN MATERIAL OR DEBRIS. REMOVE ANY INSULATING MATERIAL FROM CELLS, INCLUDING POLYSTYRENE INSULATING INSERTS, PRIOR TO GROUT POUR.
- REINFORCING BARS SHALL BE STRAIGHT EXCEPT FOR BENDS AROUND CORNERS AND WHERE BENDS OR HOOKS ARE DETAILED ON THE PLANS.
- REINFORCING BARS SHALL BE LAPPED 48 BAR DIAMETERS WHERE SPLICED AND SHALL BE WIRED TOGETHER.
- WHEN A FOUNDATION DOWEL DOES NOT LINE UP WITH A VERTICAL CORE, IT SHALL NOT BE SLOPED MORE THAN ONE HORIZONTAL IN SIX VERTICALS. DOWELS SHALL BE GROUTED INTO A CORE IN VERTICAL ALIGNMENT, EVEN THOUGH IT IS IN AN ADJACENT CELL TO THE VERTICAL WALL REINFORCEMENT.
- PROVIDE HORIZONTAL WALL REINFORCING 9 GA. GALVANIZED LADUR TYPE DUR-O-WALL (OR EQUIVALENT) AT 16" O.C. JOINT REINFORCING SHALL CONFORM TO ASTM A-951-96.
- WIRE REINFORCEMENT SHALL BE LAPPED AT LEAST 6" AT SPLICES AND SHALL CONTAIN AT LEAST ONE CROSS WIRE OF EACH PIECE OF REINFORCEMENT IN THE LAPPED DISTANCE.
- CLEANOUTS SHALL BE PROVIDED IN THE BOTTOM COURSE OF MASONRY IN EACH GROUT POUR WHEN THE POUR HEIGHT EXCEEDS 5'. CLEANOUTS TO BE SAW-CUT 4" X 4".
- PLACE GROUT IN 5' MAX. LIFTS HEIGHTS.
- CONSOLIDATE GROUT POURS AT THE TIME OF PLACEMENT BY MECHANICAL MEANS AND RECONSOLIDATE AFTER INITIAL WATER LOSS AND SETTLEMENT.
- STORE BLOCKS ON PALLETS AND COVER WITH VISQUEEN.
- PLACE ALL MASONRY IN RUNNING BOND WITH 3/8" MORTAR JOINTS. PROVIDE COMPLETE COVERAGE FACE SHELL MORTAR BEDDING, HORIZONTAL AND VERTICAL. FULLY MORTAR WEBS IN ALL COURSES OF PIERS, COLUMNS, AND PILASTERS AND ADJACENT TO GROUTED CELLS. ALL INTERIOR BLOCK WALLS SURFACES SHALL BE SMOOTH FLUSH & WITH NO TOOLED JOINTS.
- MASONRY INSPECTION SHALL BE PROVIDED BY A QUALIFIED AGENT IN ACCORDANCE WITH ACI 530.
- SUBMITTALS:
 - SUBMIT PROPOSED GROUT MIX DESIGN PRIOR TO CONSTRUCTION.
 - SUBMIT PROPOSED MORTAR MIX DESIGN PRIOR TO CONSTRUCTION.
 - SUBMIT DETAILED SHOP DRAWINGS OF REINFORCING BARS SHOWING NUMBER, SIZE, AND LOCATION. INCLUDE BAR LISTS A AND BEND DIAGRAMS.
 - SUBMIT COMPRESSIVE STRENGTH TESTS OF PROPOSED MASONRY UNITS PRIOR TO CONSTRUCTION. MASONRY UNITS ARE TO BE TESTED IN ACCORDANCE WITH ASTM C140.

- A QUALIFIED TESTING LABORATORY SHALL BE RETAINED TO PERFORM THE FOLLOWING TESTS:
 - SAMPLE AND TEST GROUT IN ACCORDANCE WITH ASTM C1019 FOR EACH 5000 SQ. FT. OF MASONRY.
 - SLUMP TESTS - ASTM C143.
- PROVIDE 8" DEEP PRECAST REINFORCED CONCRETE LINTELS OVER MASONRY OPENINGS EXCEEDING 8'-0" WIDTH WITH 8" K.O. BLOCK COURSE ABOVE FOR 16" DEEP BEAM PROVIDE 8" DEEP PRECAST LINTELS OVER OPENINGS 8'-0" OR LESS. MIN BEARING 8" EA SIDE- ALL PRECAST LINTELS
- TOPS OF PARTIALLY CONSTRUCTED WALLS SHALL BE COVERED WITH VISQUEEN WHENEVER RAIN OCCURS AND AT THE END OF THE WORK DAY.

PRE-ENGINEERED WOOD TRUSSES

- THIS SECTION DEFINES PRE-ENGINEERED, PRE-FABRICATED, METAL PLATE CONNECTED WOOD ROOF TRUSSES AS "WOOD TRUSSES".
- WOOD TRUSSES SHALL BE DESIGNED AND FABRICATED IN ACCORDANCE WITH THE "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION", PUBLISHED BY THE AMERICAN FOREST AND PAPER ASSOCIATION "DESIGN SPECIFICATION FOR METAL PLATE CONNECTED WOOD TRUSSES, TPI". PUBLISHED BY TRUSS PLATE INSTITUTE, AND THE APPLICABLE BUILDING CODE LISTED IN THE MISCELLANEOUS SECTION OF THIS SPECIFICATION.
- THE WOOD TRUSS MANUFACTURER MUST PARTICIPATE IN A CODE APPROVED THIRD PARTY QUALITY ASSURANCE PROGRAM SUCH AS THE TRUSS PLATE INSTITUTE'S "QUALITY CONTROL INSPECTION PROGRAM" OR EQUIVALENT
- WOOD TRUSSES SHALL BE DESIGNED FOR THE LOAD CRITERIA PROVIDED ON THE STRUCTURAL DRAWINGS. MAXIMUM BOTTOM CHORD DEAD LOAD = 10 PSF.
- DURATION OF LOAD FACTORS:
 - ROOF 0.60L + WL 1.33
 - ROOF DL + LL 1.25
- THE WOOD TRUSS SYSTEM SHALL BE DESIGNED BY A DELEGATED TRUSS SYSTEM ENGINEER WHO SHALL PREPARE SHOP DRAWINGS INCLUDING BUT NOT LIMITED TO, THE FOLLOWING INFORMATION:
 - TRUSS PLACEMENT PLAN SHOWING ALL TRUSSES GIRDERS AND OVER-BUILD TRUSS FRAMING.
 - TRUSS TO TRUSS METAL CONNECTORS WITH MODEL NUMBER AND MANUFACTURER
 - DIMENSIONED LOCATION OF ALL TRUSSES
 - TRUSS BRACING
 - DESIGNATION OF EACH TRUSS REFERENCED TO THE TRUSS DESIGN CALCULATIONS.
- INDIVIDUAL TRUSSES SHALL BE DESIGNED BY A DELEGATED TRUSS SYSTEM ENGINEER WHO SHALL PREPARE DESIGN CALCULATIONS FOR EACH INDIVIDUAL TRUSS INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING INFORMATION
 - DIMENSIONED TRUSS ELEVATION OF EACH INDIVIDUAL TRUSS WITH CHORDS & WEBS, REFERENCED TO THE TRUSS SYSTEM DRAWINGS
 - TRUSS SPACING
 - DESIGN LOAD CRITERIA AND LOAD COMBINATIONS
 - LOAD DURATION FACTORS, CONDITION OF USE FACTORS AND ANY LIVE LOAD REDUCTIONS TAKEN
 - APPLICABLE CODES USED
 - WOOD SPECIES, GRADE & MOISTURE CONTENT.CALCULATIONS.
 - METAL CONNECTOR PLATES: TYPE, SIZE, GAUGE, ETC.
 - SUPPORT REACTIONS & MINIMUM BEARING LENGTH
 - DEFLECTIONS
 - PERMANENT CONTINUOUS TRUSS TO TRUSS BRACING
 - INDIVIDUAL MEMBER STIFFENERS
 - TRUSS SPLICE DETAILS, INCLUDING PIGGY BACK TRUSSES
 - IDENTIFICATION OF ANY COMPUTER PROGRAM USED.
- DEFLECTION LIMITATIONS (UNLESS OTHERWISE NOTED):
 - ROOF LIVE LOAD = L/360
 - ROOF TOTAL LOAD = L/240
- FIRE RETARDANT WOOD IS NOT ALLOWABLE.
- SUPPORTS: WOOD TRUSSES SHALL BE DESIGNED WITH AT LEAST ONE HORIZONTAL ROLLER CONNECTION PER SPAN SO THAT NO HORIZONTAL REACTIONS ARE INDUCED ON SUPPORTS UNDER DEAD OR LIVE LOADS.
- REFER TO THE ARCHITECTURAL DRAWINGS. IF A CEILING OR ADEQUATE FURRING STRIPS ARE NOT PROVIDED, TRUSS BOTTOM CHORDS MUST BE DESIGNED AS Laterally UNBRACED.
- TRUSS ERECTOR IS RESPONSIBLE FOR ALL TEMPORARY BRACING OF TRUSS SYSTEM DURING CONSTRUCTION.
- HANDLING, INSTALLATION AND BRACING OF WOOD TRUSSES SHALL BE IN ACCORDANCE WITH "TPI" AS PUBLISHED BY THE TRUSS PLATE INSTITUTE.
- ALL TRUSS TO TRUSS AND TRUSS TO SUPPORT CONNECTIONS SHALL BE MADE WITH APPROVED METAL CONNECTORS.
- ALL CONNECTION HARDWARE SHALL BE GALVANIZED AND SUPPLIED BY SIMPSON STRONG-TIE COMPANY, INC. OR BY APPROVED EQUIVALENT MANUFACTURER
- ALL CONNECTION HARDWARE IS TO BE FULLY FASTENED PER MANUFACTURER'S REQUIREMENTS UNLESS NOTED OTHERWISE.

- PILING OF PLYWOOD ON WOOD TRUSSES IS NOT ALLOWABLE.
- INSTALLATION OF BROKEN, DAMAGED WARPED OR IMPROPERLY REPAIRED WOOD TRUSSES IS NOT ALLOWED.
- IMPROPER OR UNAUTHORIZED FIELD ALTERATIONS OF WOOD TRUSSES IS NOT ALLOWED.
- ALL CONNECTIONS AND BRACING MUST BE INSTALLED BEFORE LOADING SHEATHING ON THE TRUSSES.
- THE DELEGATED TRUSS ENGINEER AND TRUSS DESIGN ENGINEER SHALL BE LICENSED PROFESSIONAL ENGINEERS WITH EXPERIENCE IN PRE-ENGINEERED WOOD TRUSSES.
- THE TRUSS SYSTEM DRAWINGS SHALL BE SIGNED & SEALED BY THE DELEGATED TRUSS ENGINEER AND SUBMITTED FOR REVIEW.
- THE INDIVIDUAL TRUSS DESIGN SHEETS SHALL BE SIGNED & SEALED BY THE DELEGATED TRUSS DESIGN ENGINEER AND SUBMITTED FOR REVIEW.
- SUBMITTALS SHALL HAVE A COVER SHEET CONTAINING THE NAME ADDRESS AND LICENSE NUMBER OF THE DELEGATED ENGINEER AND PROJECT IDENTIFICATION INFORMATION AND AN INDEX OF THE ATTACHED DRAWINGS.

ABBREVIATIONS

AFF.	ABOVE FINISH FLOOR
C.J.	CONSTRUCTION JOINT
CONT.	CONTINUOUS
E	CENTERLINE
CONC.	CONCRETE
EQ.	EQUAL
EQUIP.	EQUIPMENT
ELEV.	ELEVATION
E.J.	EXPANSION JOINT
C.J.	CONSTRUCTION JOINT
F.D.	FLOOR DRAIN
FIN.	FINISH
FR.	FIRE RATED
G.C.	GENERAL CONTRACTOR
GALV.	GALVANIZED
S.S.	STAINLESS STEEL
GYP. BD.	GYP. BOARD
H.B.	HOSE BIBB
HT.	HEIGHT
LAM.	LAMINATE
MANUF.	MANUFACTURER
M.O.	MASONRY OPENING
M.R.	MOISTURE RESISTANT
N.C.	NOT IN CONTRACT
N.T.S.	NOT TO SCALE
O.D.	OUTSIDE DIAMETER
O.C.	ON CENTER
OPP.	OPPOSITE
P.T.	PRESSURE TREATED
REQD.	REQUIRED
RL.	ROOF LEADER
ALUM.	ALUMINUM
SCHED.	SCHEDULE
SPECS.	SPECIFICATIONS
STRUCT.	STRUCTURAL
THICK.	THICK
TYP.	TYPICAL
TOILET ACCESSORIES	
SD.	SOAP DISPENSER
TD.	TOILET DISPENSER - DISPOSAL
M.	MIRROR
GB.	GRAB BAR
TPH.	TOILET PAPER HOLDER

MATERIALS LEGEND

	COMPACTED FILL
	CONCRETE BLOCK
	CONCRETE
	STONE OR GRAVEL
	CONCRETE MASONRY UNITS (LARGE SCALE)
	CLP CONCRETE (SECTIONS)
	WOOD-FINISHED
	WOOD-FINISHED (IN SECTION)
	ROUGH LUMBER (CONTINUOUS)
	ROUGH LUMBER (INTERMITTENT)
	PLYWOOD-LARGE SCALE
	STEEL
	BRICK / STONE
	WATERPROOFING, FLASHING, FELT, ASPHALT, ETC.
	ACOUSTICAL PANEL OR TILE
	FINISH GRADE

consultant

Robert Reid Wedding Architects & Planners, AIA, Inc.

STORAGE ROOM ADDITION
VETERAN'S MEMORIAL PARK
PASCO COUNTY PARKS DEPARTMENT
1100 N. BIRCH AVE. #101A

date	description
07-15-07	PERMIT SET
08-15-07	REVIEWED / SUBMITTED PERMIT SET

GENERAL ELECTRICAL NOTES:

1. ALL ELECTRICAL WORK SHALL CONFORM TO THE LATEST REVISIONS OF THE N.E.C.
2. CONTRACTOR SHALL OBTAIN & PAY FOR ALL PERMITS AND INSPECTIONS
3. ALL WIRING SHALL BE COPPER UNLESS OTHERWISE NOTED.
4. 120 VOLT DUPLEX RECEPTACLE SHALL BE LEVITON 9896-01 OR APPROVED EQUAL. TOGGLE SWITCHES SHALL BE LEVITON 9821-1 OR APPROVED EQUAL.
5. ALL MATERIALS WHERE APPLICABLE SHALL BE UL LABELED.
6. CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND WORKMANSHIP FOR ONE (1) YEAR.
7. CONTRACTOR SHALL VERIFY LOCATION AND ELECTRICAL REQUIREMENTS OF ALL EQUIPMENT FURNISHED BY OTHER TRADES PRIOR TO INSTALLING WIRE AND CONDUIT.
8. ALL FLUORESCENT LIGHTING FIXTURES SHALL BE FUSED PER LOCAL CODES.
9. PROVIDE EQUIPMENT GROUNDING CONDUCTOR FOR ALL BRANCH CIRCUITING IN ACCORDANCE WITH LOCAL CODES.
10. TANDEM AND HALF SPACE CIRCUIT BREAKERS SHALL NOT BE USED.

LUMINAIRE SCHEDULE

TYPE	MANUFACTURER	CATALOG NO.	VOLT	LAMPS	MOUNTING
A1	LITHONIA	LB 332 120 OSIS QT3X32TB/120 ISN-SC	120	(2) 32W T8	SURFACE - BOTT CHORD OF TRUSSES
EM	MCPHILBEN	CT6H	120	INCLUDED	WALL
X	MCPHILBEN	CXXL-3-R-W	120	INCLUDED	UNIVERSAL
B	OWNER SELECTED	T.B.D.	120	(2) 150 W PAR	W/MOTION & PHOTOCCELL CONTROL WALL MOUNTED @ 8'-0" AFF

ALTERNATE LUMINAIRES SHALL BE BY "LITHONIA", "THOMAS INDUSTRY", AND "COOPER INDUSTRY" ONLY. ALL ALTERNATE LUMINAIRES SUBSTITUTIONS LISTED ABOVE MUST BE SUBMITTED FOR TEN DAY PRIOR APPROVAL (SEE SPECIFICATIONS).

GENERAL NOTES:

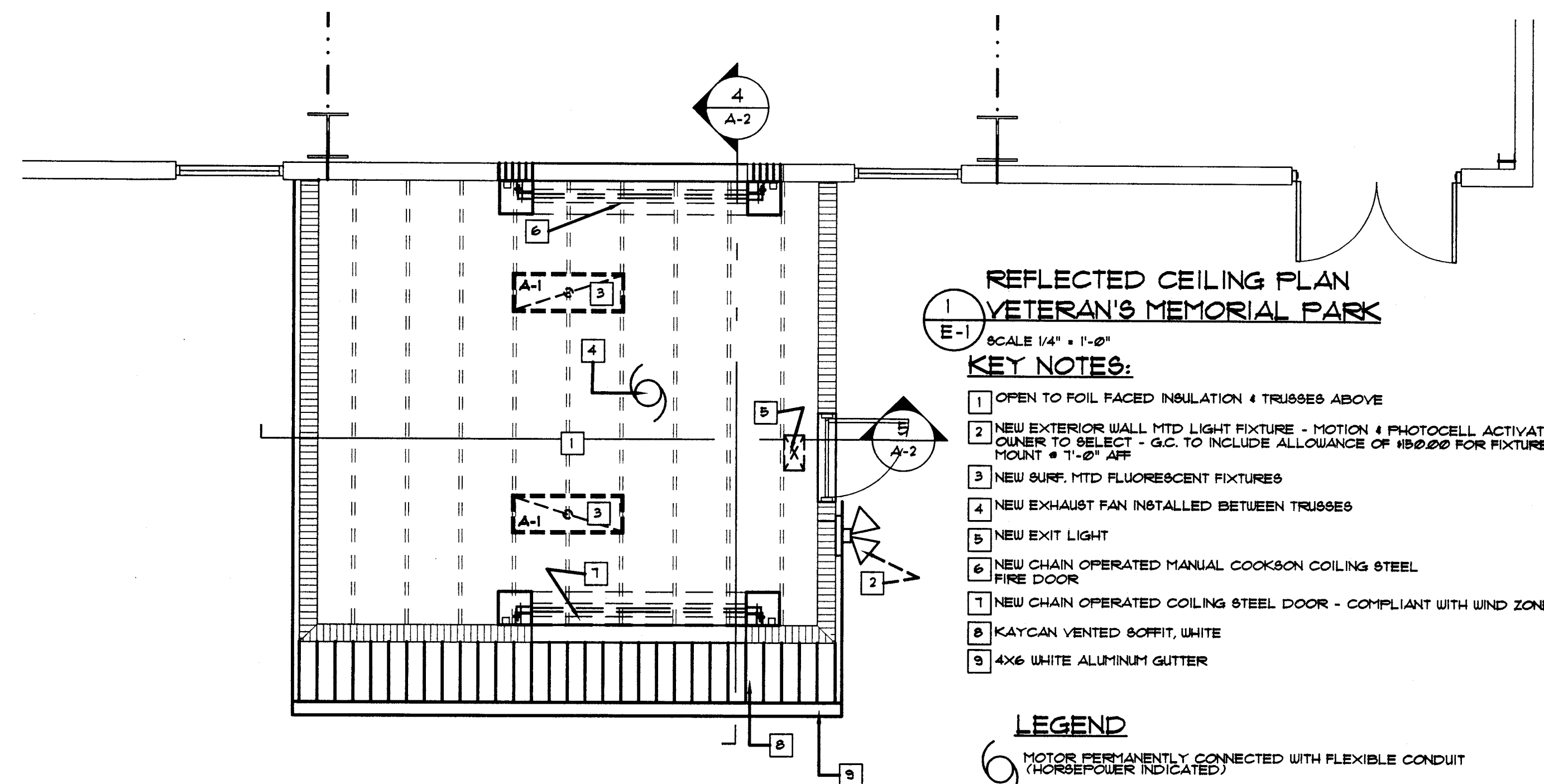
1. ALL FLUORESCENT LUMINAIRES SHALL HAVE SYLVANIA OCTRON LAMPS AND ELECTRONIC BALLASTS.
2. PROVIDE NECESSARY MOUNTING HARDWARE AND ACCESSORIES FOR ALL LUMINAIRES
3. PROVIDE 1/25 MIN. THICK LENSES FOR FLUORESCENT LUMINAIRES.
4. ALL EMERGENCY, EXIT AND NIGHT LIGHT LUMINAIRES SHALL BE CONNECTED AHEAD OF LOCAL SWITCHES, UNLESS OTHERWISE NOTED.
5. PRIOR APPROVAL, SEE SPECIFICATIONS.

ELECTRICAL LEGEND

- SINGLE POLE SWITCH, SURFACE MTD
- JUNCTION BOX (ABOVE CEILING UNLO.)
- CEILING MTD RECEPTACLE FOR DOOR OPENER
- GFI RECEPTACLE INTERRUPTER RECEPTACLE (LEVITON 9898-1)
- TEF-1 - MOTOR PERMANENTLY CONNECTED WITH FLEXIBLE CONDUIT (HORSEPOWER INDICATED)
- SURFACE MTD FLUORESCENT FIXTURES
- EXIT LIGHTING WITH BATTERY BACKUP

TO (2) 20A, 1 POLE CIRCUIT BREAKERS IN EXISTING PANEL "A" -
USE CIRCUITS 37, 39
3 #12, 1 #12 E.G. 3/4" CONDUIT

TOTAL NEW CONNECTED LOAD:
129 KW @ 208V 3 φ = 4 AMPS



**REFLECTED CEILING PLAN
VETERAN'S MEMORIAL PARK**

- SCALE 1/4" = 1'-0"
- KEY NOTES:**
1. OPEN TO FOIL FACED INSULATION & TRUSSES ABOVE
 2. NEW EXTERIOR WALL MTD LIGHT FIXTURE - MOTION & PHOTOCCELL ACTIVATED OWNER TO SELECT - G.C. TO INCLUDE ALLOWANCE OF 18000 FOR FIXTURE MOUNT @ 1'-0" AFF
 3. NEW SURF. MTD FLUORESCENT FIXTURES
 4. NEW EXHAUST FAN INSTALLED BETWEEN TRUSSES
 5. NEW EXIT LIGHT
 6. NEW CHAIN OPERATED MANUAL COOKSON COILING STEEL FIRE DOOR
 7. NEW CHAIN OPERATED COILING STEEL DOOR - COMPLIANT WITH WIND ZONE
 8. KAYCAN VENTED SOFFIT, WHITE
 9. 4X6 WHITE ALUMINUM GUTTER

LEGEND

- MOTOR PERMANENTLY CONNECTED WITH FLEXIBLE CONDUIT (HORSEPOWER INDICATED)
- 15 3/8" X 4' -0" SURFACE MOUNTED FLUORESCENT FIXTURES
- EXIT LIGHTING

**LIGHTING & POWER PLAN
VETERAN'S MEMORIAL PARK**

- SCALE 1/4" = 1'-0"
- KEY NOTES:**
1. MANUAL CHAIN OPERATED FIRE DOOR
 2. DASH LINES INDICATE TRUSSES ABOVE
 3. EXTERIOR WALL MTD LIGHT FIXTURE
 4. PROVIDE NEW SURF. MTD LIGHT FIXTURES & CONNECT NEW TO CIRCUITS DESIGNATED IN PANEL "A"
 5. PROVIDE NEW SWITCHES & CONNECT TO FAN & FIXTURES AS SHOWN.
 6. INTERCEPT & EXTEND EXISTING RACEWAY & WIRING FROM GYMNASIUM FOR POWER FOR NEW LIGHTING, RECEPTACLES & EXHAUST FAN
 7. COORDINATE WITH OTHER TRADES FOR ITEMS IN THEIR SCOPE OF WORK THAT WOULD REQ. ELECTRICAL WORK (DISCONNECTION, RECONNECTION, ETC.) & ARE NOT INDICATED ON THE ELECTRICAL PLANS
 8. NEW & EXISTING CIRCUIT DESIGNATIONS MAY NOT REPRESENT ACTUAL FIELD CONDITIONS - THEY ARE INTENDED FOR REFERENCE ONLY.
 9. ALL EXISTING CIRCUITS SHALL BE RE-CONNECTED WHETHER INDICATED OR NOT ON PROJECT DOCUMENTS
 10. FOIL FACED INSULATION SECURED TO TOP CHORDS OF TRUSSES ABOVE
 11. PROVIDE ELECTRICAL CONNECTION TO EXHAUST FAN COORD WITH MECHANICAL CONTRACTOR FOR EXACT LOCATION PRIOR TO ROUGH-IN
 12. CONNECT EMERGENCY LIGHTING TO UNSWITCHED CIRCUIT CONDUCTOR.
 13. ALL "EXIT" & "EMERGENCY" LIGHT FIXTURES SHALL BE CONNECTED TO AN UNSWITCHED LOCAL LIGHTING CONDUCTOR.
 14. KAYCAN VINYL SOFFIT PANELS - FULLY VENTED, COLOR - WHITE
 15. WHITE ALUM GUTTER, ABOVE

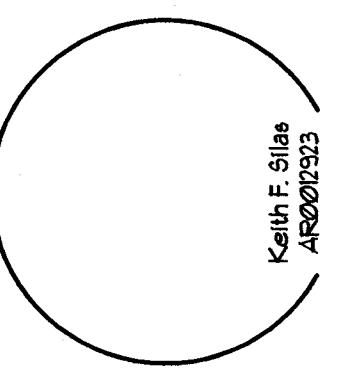
Robert Reid
8/13/07

STORAGE ROOM ADDITIONS
VETERAN'S MEMORIAL PARK
PASCO COUNTY PARKS DEPARTMENT
HUDSON, PASCO COUNTY FLORIDA

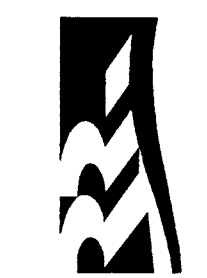
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consultant
drafter: D.J.



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commission number 27-1-08

REFLECTED CEILING PLAN, ELECTRICAL POWER & LIGHTING PLANS, SCHEDULE

SCALE 1/4" = 1'-0"

E-1

I

G

F

E

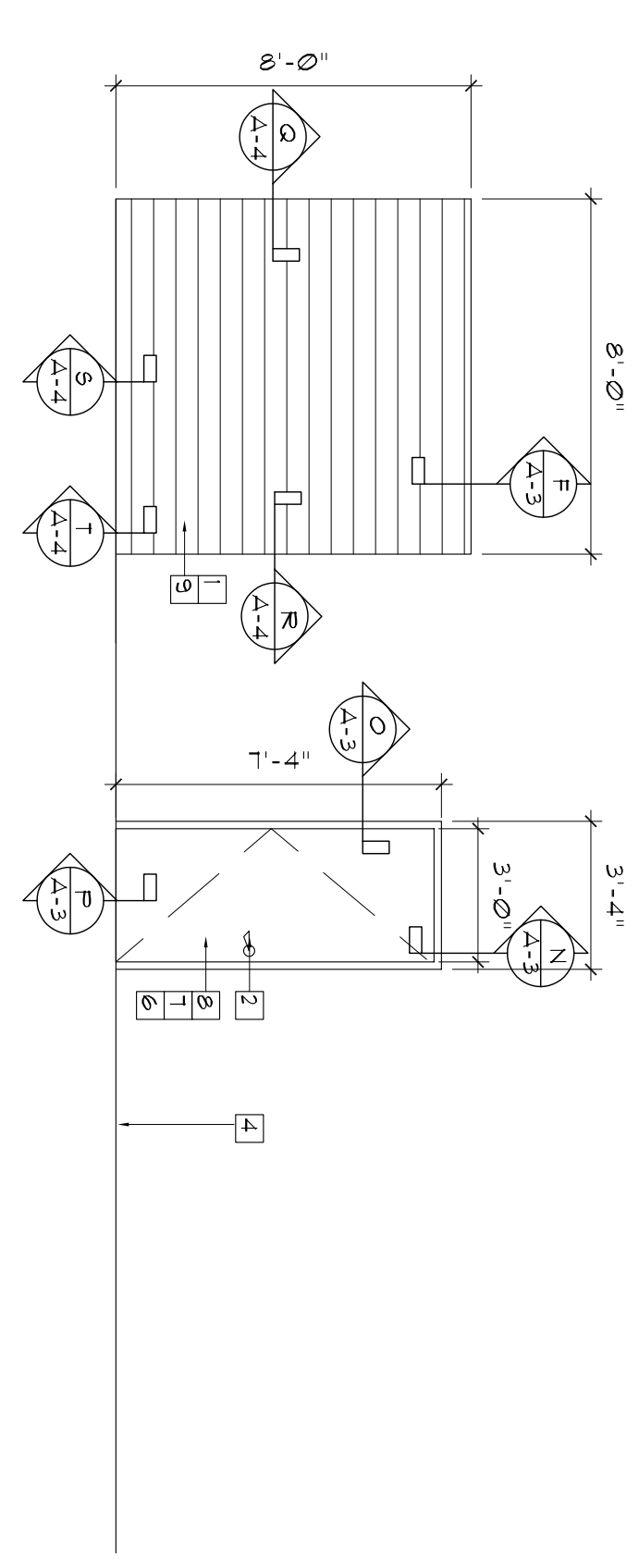
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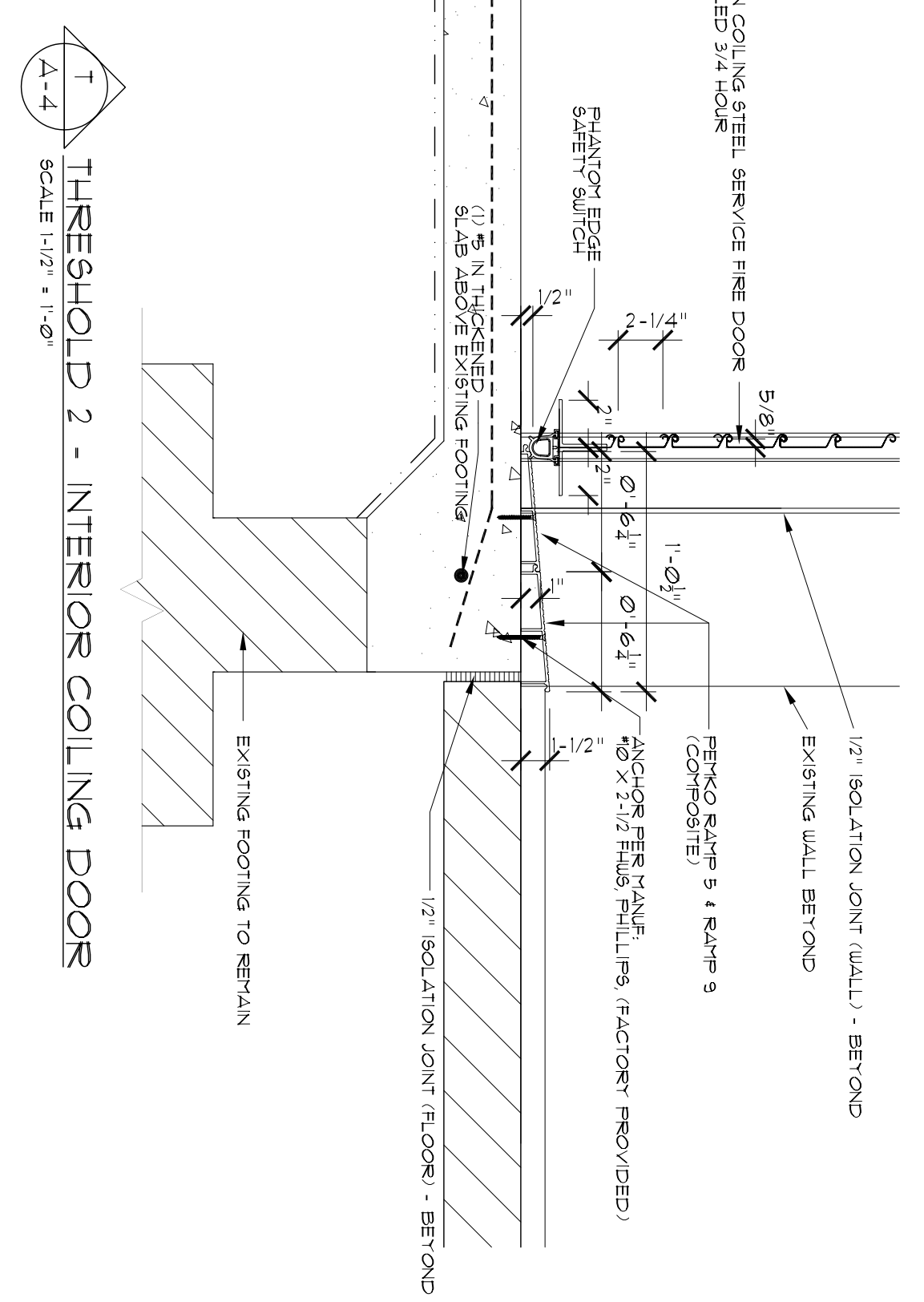
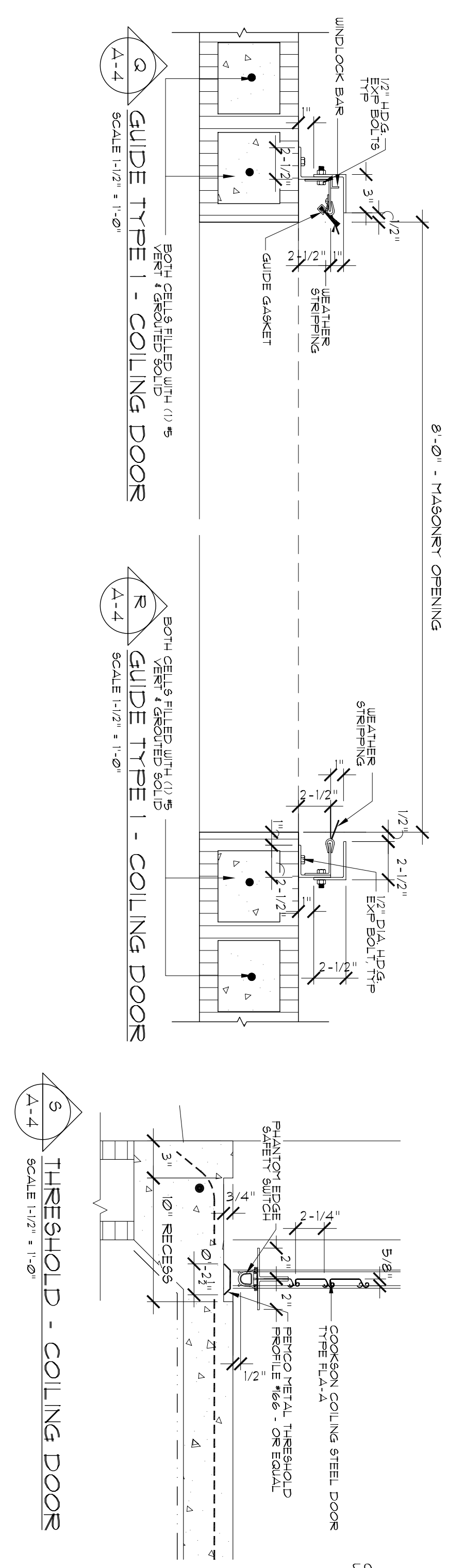
B

A

- DOOR ELEVATION KEYNOTES:**
- 1 COOKSON COLLING STEEL DOOR - INTERIOR DOOR SHALL BE SERVICE FINE DOOR LABELED 300R
 - 2 EXTERIOR DOOR SHALL BE TYPE FLA.A - COMPIANT WITH WIND LOAD REQUIREMENTS
 - 3 DOOR HARDWARE - 1 1/2" PAIR BUTTS (1) BALLOCKET DOOR STOP & LOCKER & FEEL-HOLE
 - 4 CONTRACTOR SHALL VERIFY ALL DIMENSIONS.
 - 5 FINISHED FLOOR
 - 6 ALL METAL DOOR FRAMES SHALL BE FACTORY PRE-WELDED.
 - 7 DIMENSION IS TO FACE OF MASONRY WALL - 1'0" x 3'-4" x 1'-4"
 - 8 PERKO METAL THRESHOLD - #66 OR EQUAL (1/2" MAX HEIGHT)
 - 9 1 3/4" HI DOOR & FRAME - PAINT WHITE
 - 10 8'-0" x 8'-0" COOKSON COLLING STEEL DOORS
- DOOR & WINDOW GENERAL NOTES:**
1. SEE SPECIFICATIONS FOR HARDWARE.
 2. SILICONE SEALANT COLOR SHALL MATCH STOREFRONT COLOR.
 3. SEE FINISH SCHEDULE FOR DOOR AND DOOR FRAME PAINT SPECS.



DOOR & WINDOW ELEVATIONS
SCALE 1/4" = 1'-0"



THRESHOLD 2 - INTERIOR COLLING DOOR
SCALE 1/2" = 1'-0"

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DETAILS, DOOR & WINDOW ELEVATIONS
SCALE AS NOTED

Sheet No.	Description
01-10-01	PERMIT SET
08-13-01	REVIEWED & SUBMITTED PERMIT SET

STORAGE ROOM ADDITION
VETERAN'S MEMORIAL PARK
PASCO COUNTY PARKS DEPARTMENT
HUDSON, PASCO COUNTY, FLORIDA



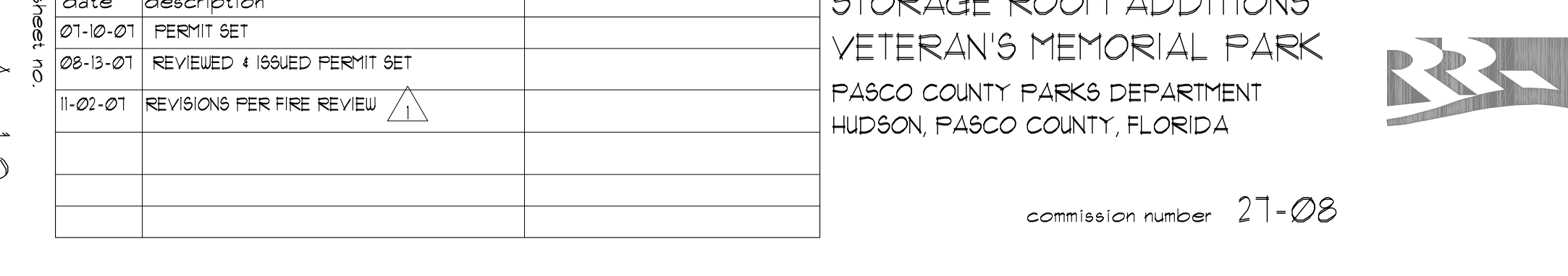
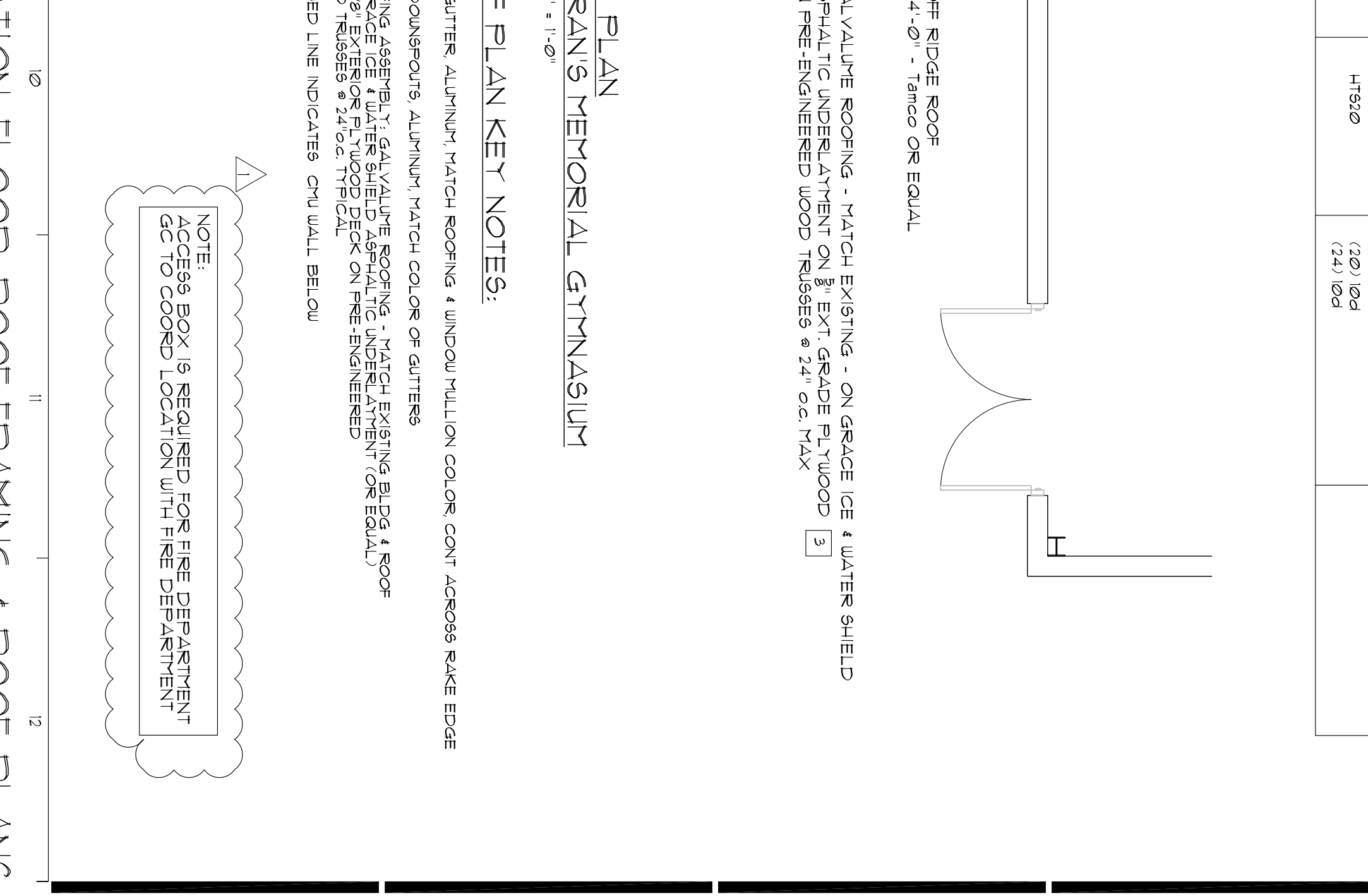
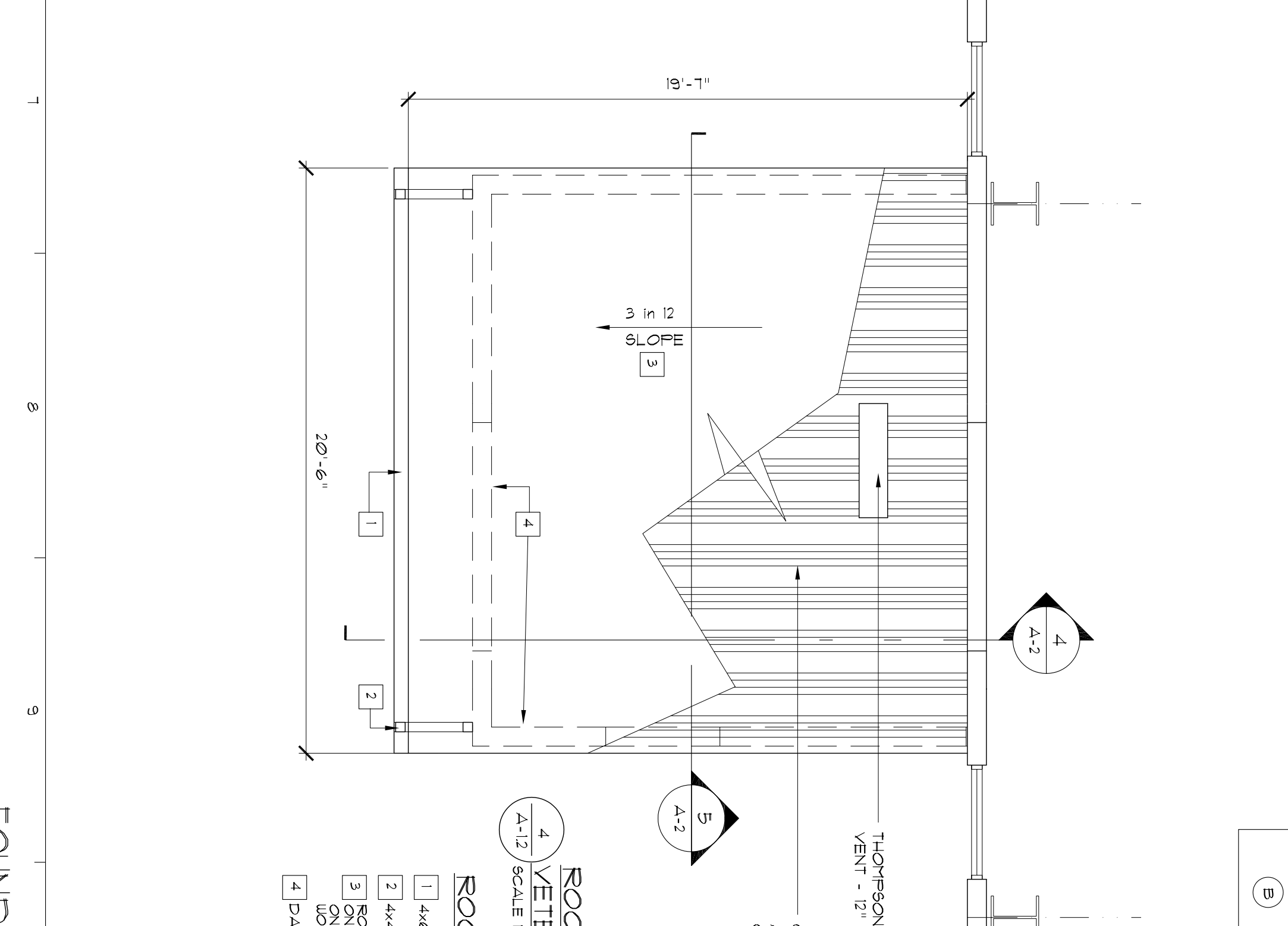
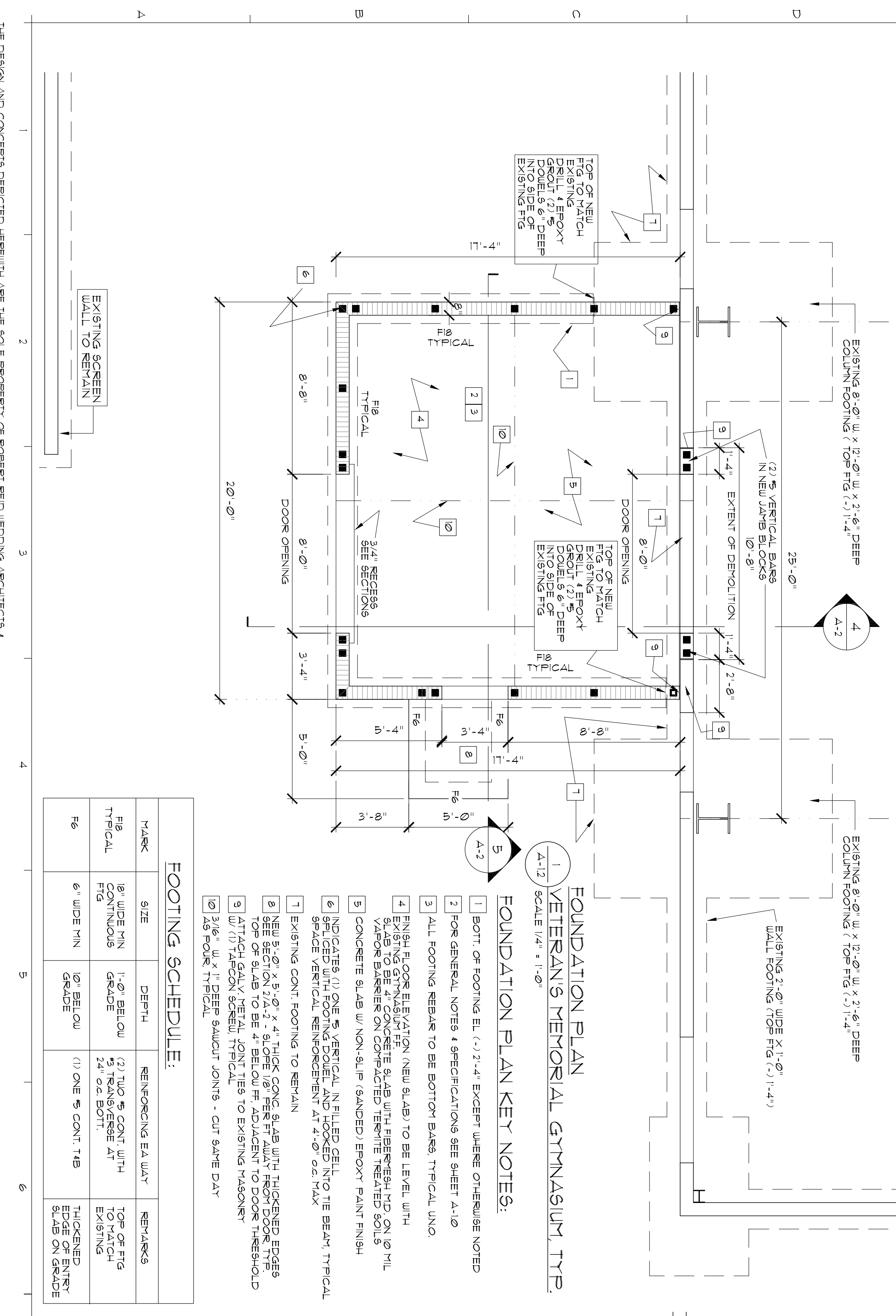
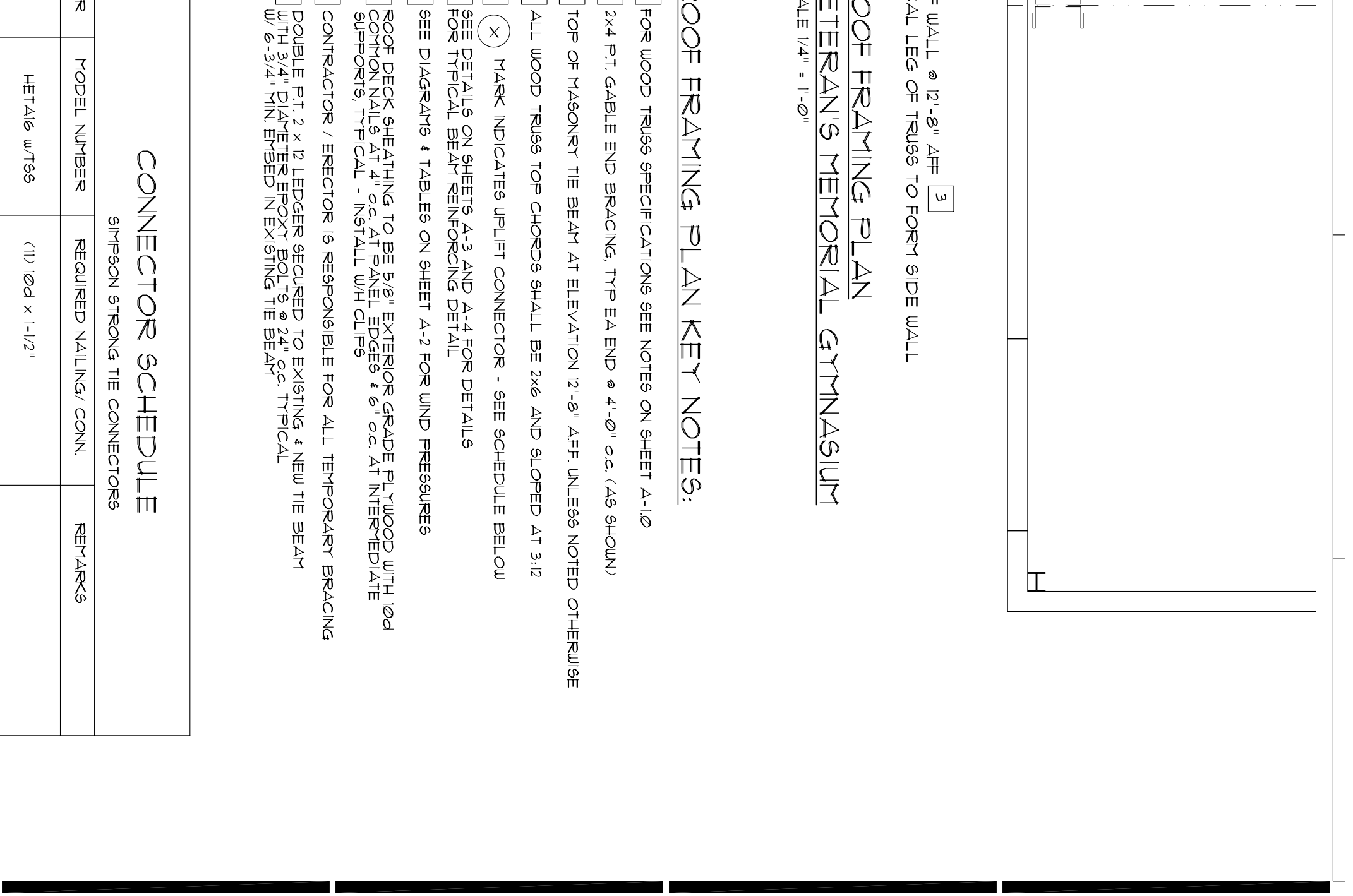
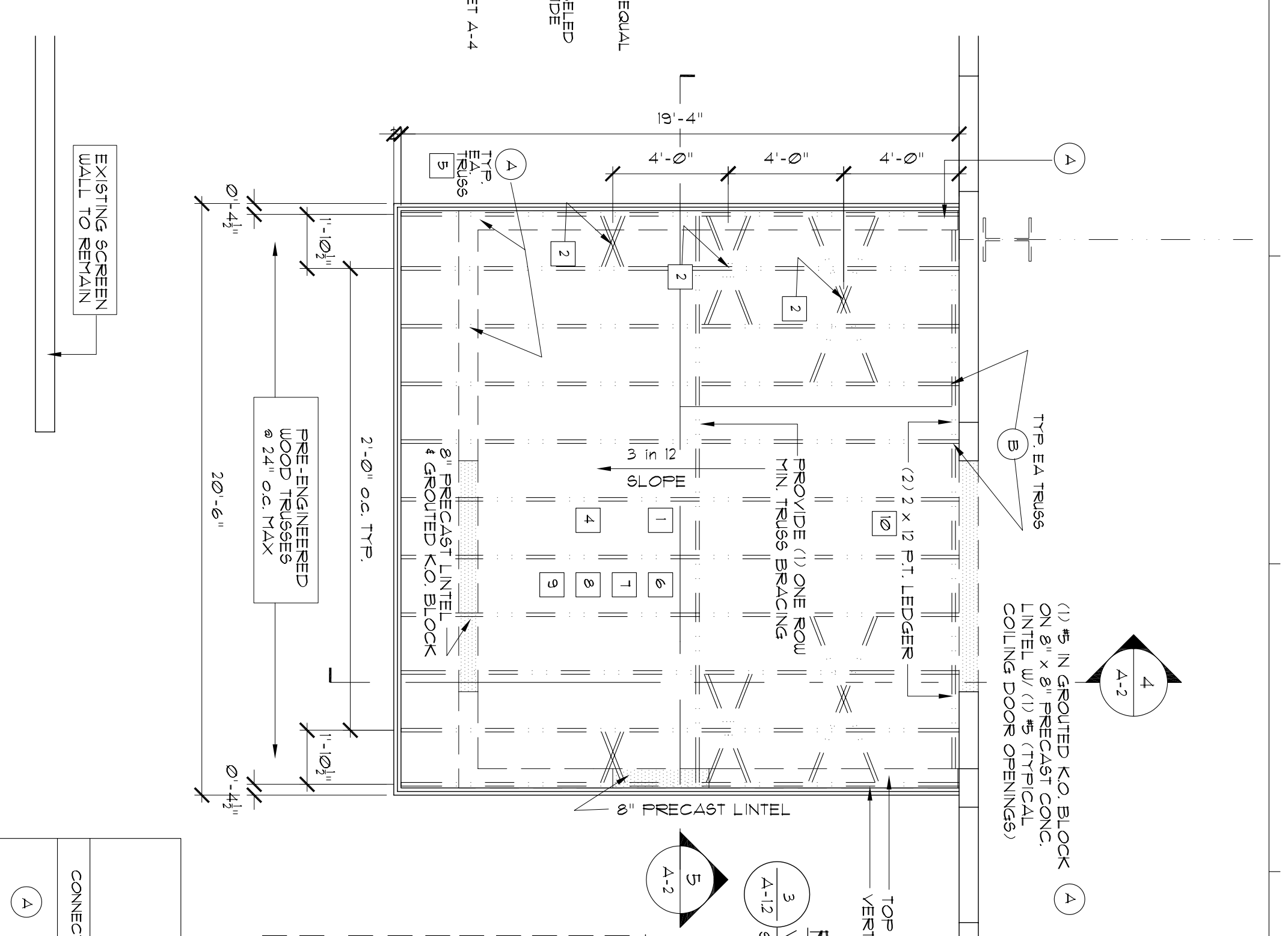
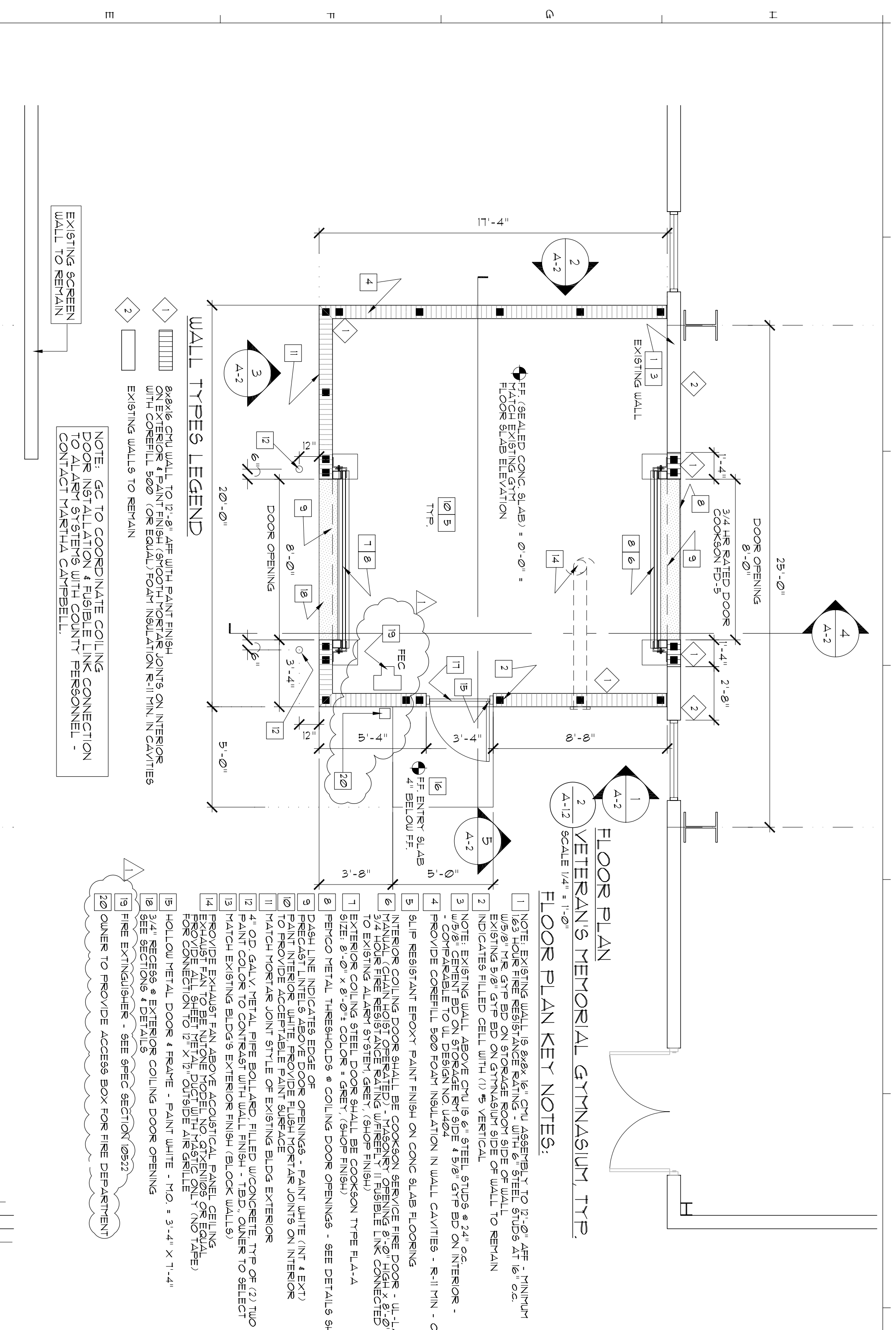
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consultant
drawn by:

commission number 21-08



FLOOR PLAN
2 VETERAN'S MEMORIAL GYMNASIUM TYP.
 A-1/2 SCALE 1/4" = 1'-0"

ROOF FRAMING PLAN
3 VETERAN'S MEMORIAL GYMNASIUM
 A-1/2 SCALE 1/4" = 1'-0"

FOUNDATION PLAN
4 VETERAN'S MEMORIAL GYMNASIUM TYP.
 A-1/2 SCALE 1/4" = 1'-0"

ROOF PLAN
4 VETERAN'S MEMORIAL GYMNASIUM
 A-1/2 SCALE 1/4" = 1'-0"

WALL TYPES LEGEND

1 BRICK CMU WALL TO 5'-8" AFF WITH PAINT FINISH ON INTERIOR WITH EXTERIOR PAINT FINISH (SMOOTH EXTERIOR JOINTS ON INTERIOR WITH CORNELL 5000 OR EQUAL FOAM INSULATION R-11 MIN. IN CAVITIES)

2 EXISTING WALLS TO REMAIN

3 3/4" HEAVY CONG. SLAB - 0'-0" - FLOOR SLAB ELEVATION

4 3/4" HEAVY CONG. SLAB - 0'-0" - FLOOR SLAB ELEVATION

FOUNDATION PLAN KEY NOTES:

1 BOTT. OF FOOTING EL. (+) 2'-4" EXCEPT WHERE OTHERWISE NOTED

2 FOR GENERAL NOTES & SPECIFICATIONS SEE SHEET A-1-0

3 ALL FOOTING REBAR TO BE BOTTOM BAR#6 TYPICAL UNO

4 FINISH FLOOR ELEVATION (NEW SLAB) TO BE LEVEL WITH EXISTING FINISH FLOOR ELEVATION

5 CONCRETE SLAB W/ NON-SLIP (GRADED) EPOXY PAINT FINISH

6 INDICATES 10" DIA. VERTICAL REINFORCING BARS TO BE SPACED VERTICALLY REINFORCING AT 4'-0" O.C. MAX.

7 EXISTING CON'T FOOTING TO REMAIN

8 NEW 8" DIA. X 4" THICK CONG. SLAB WITH THICKENED EDGES TOP OF SLAB TO BE 4" BELOW FLOOR FINISH TO DOOR THRESHOLD

9 ATTACH GALV. METAL JOINTS TO EXISTING MASONRY

10 3/16" DIA. X 1' DEEP SCAVOUT JOINTS - CUT SAME DAY

11 3/8" DIA. X 1' DEEP SCAVOUT JOINTS - CUT SAME DAY

ROOF FRAMING PLAN KEY NOTES:

1 FOR WOOD TRUSS SPECIFICATIONS SEE NOTES ON SHEET A-1-0

2 2x4 P.T. GABLE END BRACINGS TYP EA END @ 4'-0" O.C. (AS SHOWN)

3 TOP OF MASONRY TIE BEAM AT ELEVATION 12'-8" AFF. UNLESS NOTED OTHERWISE

4 ALL WOOD TRUSS TOP CHORDS SHALL BE 2x6 AND BLOBBED AT 3' @

5 MARK INDICATES W/UPRT CONNECTOR - SEE SCHEDULE BELOW

6 SEE DETAILS ON SHEETS A-3 AND A-4 FOR DETAILS

7 SEE DIAGRAMS & TABLES ON SHEET A-2 FOR WIND PRESSURES

8 ROOF DECK SHEATHING TO BE 5/8" EXTERIOR GRADE PLYWOOD WITH 100 COMMON NAILS AT 4" O.C. AT EDGES & 6" O.C. AT INTERIOR/JOIST SUPPORTS TYPICAL - INSTALL WITH CLIPS

9 CONTRACTOR / RECTOR IS RESPONSIBLE FOR ALL TEMPORARY BRACINGS

10 DOUBLE P.T. X 2 L EDGES SECURED TO EXISTING & NEW TIE BEAM WITH 3/4" DIA. EPOXY BOLTS @ 24" O.C. TYPICAL W/ 6-3/4" DIA. THREADED N. EXISTING TIE BEAM

FOUNDATION PLAN KEY NOTES:

1 BOTT. OF FOOTING EL. (+) 2'-4" EXCEPT WHERE OTHERWISE NOTED

2 FOR GENERAL NOTES & SPECIFICATIONS SEE SHEET A-1-0

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11 3/8" DIA. X 1' DEEP SCAVOUT JOINTS - CUT SAME DAY

ROOF PLAN KEY NOTES:

1 5" N. GROUTED KO BLOCK

2 ON 8" X 8" PRECAST CONG. LINTEL W/ (1) 5" TYPICAL COLLING DOOR OPENINGS

3 PROVIDE (1) ONE ROW MIN. TRUSS BRACING

4 2" X 12 P.T. LEDGER

5 8" PRECAST LINTEL GROUTED KO BLOCK

6 PRE-ENGINEERED WOOD TRUSSES @ 24" O.C. MAX

CONNECTOR SCHEDULE

SIMPSON STRONG TIE CONNECTORS

CONNECTOR	MODEL NUMBER	REQUIRED NAILING CONN.	REMARKS
A	HE-TAL6 W/TS6	(11) 10d x 1 1/2"	
B	HTS120	(20) 10d (24) 10d	

FOOTING SCHEDULE:

MARK	SIZE	DEPTH	REINFORCING EA. WAY	REMARKS
F8	8" WIDE MIN CONTINUOUS FIG	1'-0" BELOW GRADE	(2) 10# CONT. WITH 3# TRANSVERSE AT 24" O.C. BOTT.	TOP OF FIG TO MATCH EXISTING
F6	6" WIDE MIN	0" BELOW GRADE	(1) ONE # CONT. TIB	THICKENED EDGE ON ENTRY SLAB ON GRADE

ROOF PLAN KEY NOTES:

1 4x6 GUTTER ALUMINUM MATCH ROOFING & WINDOW MILLION COLOR CONT. ACROSS RAKE EDGE

2 4x4 DOWNSPOUTS ALUMINUM MATCH COLOR OF GUTTERS

3 ROOFING ASSEMBLY: GALV. VALUINE ROOFING - MATCH EXISTING BUILDG & SCOP ON GRADE (ICE & WATER SHIELD UNDERLAMENT OR EQUAL)

4 ON 3/8" REBAR ON P.T. WOOD DECK ON PRE-ENGINEERED WOOD TRUSSES

5 DASHED LINE INDICATES CMU WALL BELOW

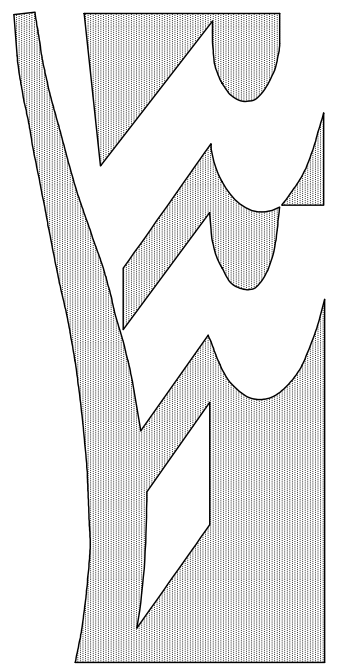
NOTE:
 ACCESS BOX (S) REQUIRED FOR FIRE DEPARTMENT GC TO COORD. LOCATION WITH FIRE DEPARTMENT

NOTE:
 ACCESS BOX (S) REQUIRED FOR FIRE DEPARTMENT GC TO COORD. LOCATION WITH FIRE DEPARTMENT



Notes:
 A foundation survey shall be performed and a copy of the survey shall be on site for the building inspector's use. Or, all property markers shall be exposed and a string stretched from marker to marker to verify building setbacks.
Note:
 All Plumbing Electrical and Mechanical Rough-ins must be complete, inspected, and approved before requesting the framing inspection in accordance with 2004 Florida Building Code

PASCO COUNTY PARKS DEPT
 VETERAN'S MEMORIAL PARK
 STORAGE ROOM ADDITION
 PASCO COUNTY, FLORIDA
 PROJECT NO. 21-08

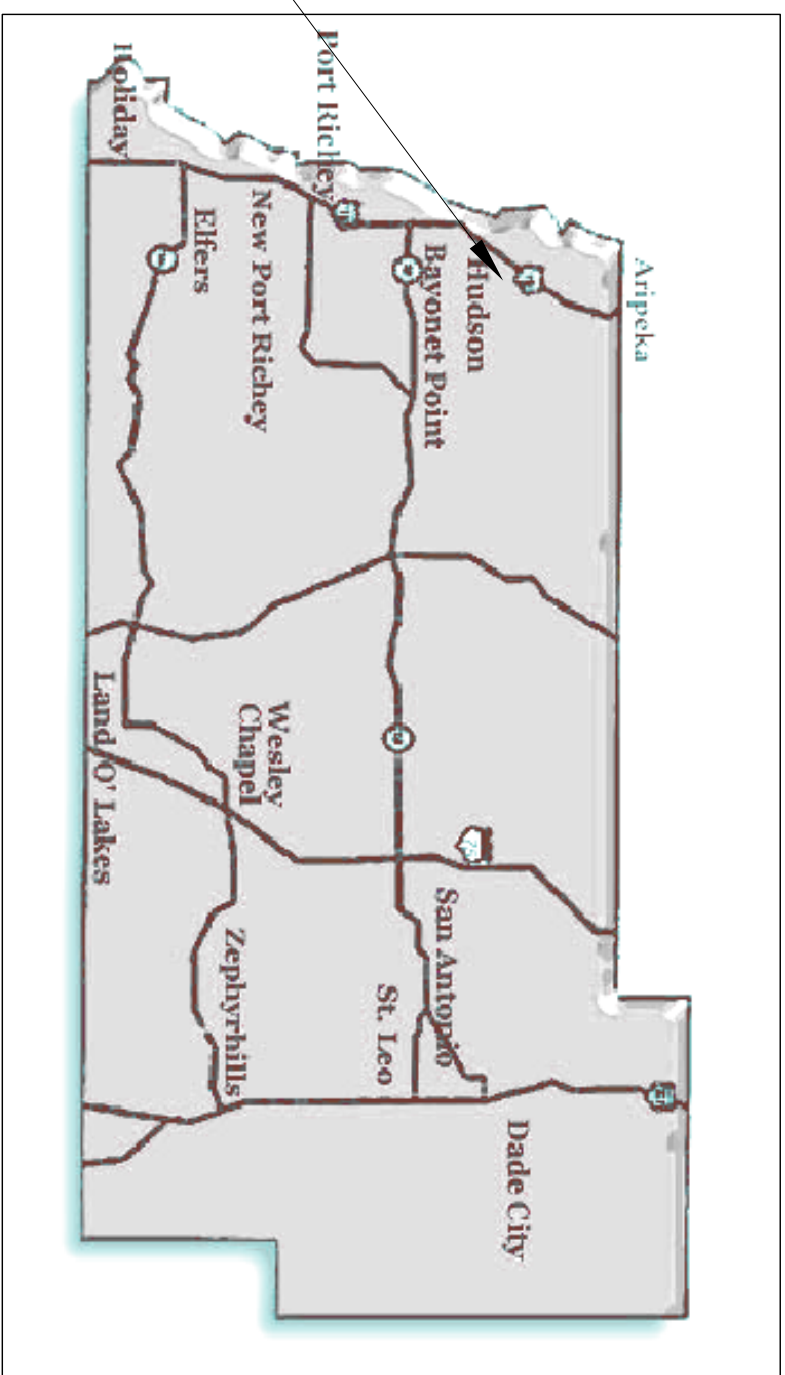


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VETERAN'S MEMORIAL PARK
 14333 HICKS ROAD
 HUDSON, FLORIDA 34669



2 VETERAN'S



VICINITY MAPS
 SCALE: N.T.S.

OWNER / CLIENT

PASCO COUNTY PARKS
 & RECREATION DEPARTMENT
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 SUITE 202
 LAND O' LAKES, FLORIDA 34639
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 FACILITIES MGMT DEPT
 1220 OSTEEN ROAD
 NEW PORT RICHEY, FL 34653
 (727) 834-3292 FAX (727) 834-2221
 CONTACT: THOMAS (TJ) PTCHE

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 SUITE 210
 LAND O' LAKES, FLORIDA 34639
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STRUCTURAL ENGINEER

MCCARTHY & ASSOCIATES, INC.
 2555 NURSERY ROAD SUITE 101
 CLEARWATER FL 34624
 (727) 536-8112 FAX: (727) 538-9125
 CONTACT: MIKE MCCARTHY

ELECTRICAL ENGINEER

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 4201 GRAY ST.
 TAMPA, FL. 33607
 (813) 281-2719 F (813)-281-5704
 CONTACT: WOODY TREON

DRAWING INDEX

- G-1 COVER SHEET
- CIVIL
- SHEET 1 of 1 VETERAN'S PARK REC CTR - SITE PLAN
- ARCHITECTURAL & STRUCTURAL**
- A-1-0 STRUCTURAL SPECIFICATION
- A-1-1 KEY PLAN DEMOLITION PLAN & NOTES
- A-1-2 FOUNDATION FLOOR ROOF FRAMING ROOF PLANS
- A-2 EXTERIOR ELEVATION, BLDG SECTIONS
- A-3 WALL SECTIONS, DETAILS
- A-4 DOOR & WINDOW ELEVATIONS, DETAILS
- ELECTRICAL**
- E-1-0 REFLECTED CEILING PLAN POWER PLAN LIGHTING PLAN ELECTRICAL SPECIFICATIONS ELECTRICAL SCHEDULE POWER RISER DIAGRAM

TOTAL SHEETS PER SET _____

CODE COMPLIANCE

CODES:
 2004 FLORIDA BUILDING CODE
 2004 IBC SUPPLEMENTAL PAGE ADDITIONS
 2003 NATIONAL ELECTRICAL CODE
 2004 FLORIDA FIRE PREVENTION CODE
BUILDING TYPE:
 TYPE III-B - UNPROTECTED - UNSPRINKLERED
OCCUPANCY:
 EXISTING BLDG = ASSEMBLY A-3
 NEW ADDITION = LOW HAZARD STORAGE AREA
BUILDING AREA:
 EXISTING BLDG. = 1458 GROSS SF
 ADDITION = 348 GROSS SF (EACH STORAGE ROOM)
 298 NET SF
DESIGN CRITERIA:
 WIND SPEED: 120 mph w/ 3 sec gusts
 EXPOSURE C
 PARTIALLY ENCLOSED BUILDING per IBC 6.03
 BUILDING CATEGORY III
 IMPORTANCE FACTOR = 1.15
 INTERNAL PRESSURE COEFFICIENTS w/ .055

PRODUCT APPROVAL TABLE

CATEGORY SUB-CATEGORY	MANUFACTURER	STATUS	NUMBER
STRUCTURAL CONNECTOR	SIMPSON STRONG TIE HETTA W/789	APPROVED	FL 5383
STRUCTURAL	SIMPSON STRONG TIE HT520	APPROVED	FL 19016
WINDOWS STOREFRONT	KAINEER IES-00	APPROVED	FL 6716
DOORS HP DOORS	AMFIELD SERIES 1500/400	APPROVED	FL 30781
DOORS	COCKSON COLLING FINE DOORS N.O.A.	APPROVED	PLANT DATED 03-0315-05
ROOFING SHEATHING	PETERSEN ALUMINUM SHALE-CLAD	APPROVED	FL 106.02
ROOFING UNDERLAYMENT	GRACE ICE & WATER SHIELD	APPROVED	FL 2981
ROOFING SOFFITS	KATCAN	APPROVED	FL 1146
ROOFING OFF RIDGE VENT	TAYCO	APPROVED	FL 36281

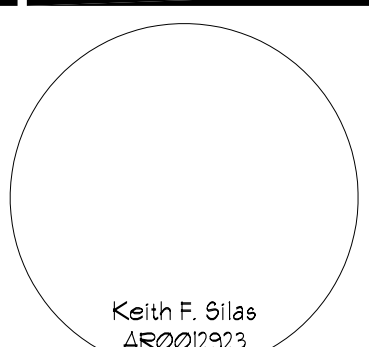
OWNER _____ DATE _____
 CONTRACTOR _____ DATE _____

SET NO. _____

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07-10-07	PERMIT SET
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