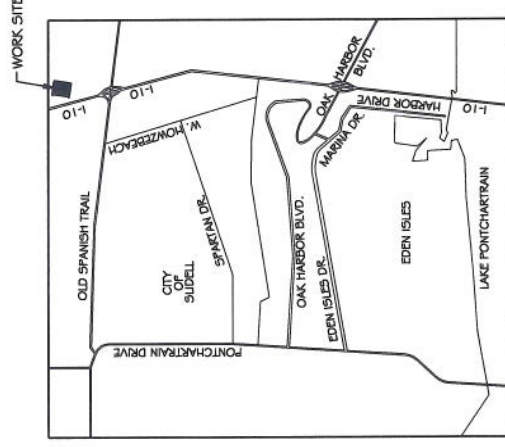


FRONT ELEVATION  
N.T.S.

SQUARE FEET TOTAL  
FIRST FLOOR: 1,620 SQ. FT.  
SECOND FLOOR: 650 SQ. FT.  
TOTAL: 2,270 SQ. FT.

ZONED  
COMMERCIAL



VICINITY MAP  
N.T.S.

INTERNATIONAL BUILDING CODE 2009

- OCCUPANCY CLASSIFICATION: WAREHOUSE STORAGE, GROUP S-1 (SEC 311.2)
- OCCUPANT LOAD: (TBL 1004.1.1)
- WAREHOUSE AREAS = 500 GROSS SQ. FT. / OCCUPANT
- 2,270 S.F. WAREHOUSE = 4.54 OCCUPANTS
- TOTAL 4.54 OCCUPANTS
- EXIT ACCESS REQUIREMENTS: (SEC 1015)
- 1 EXIT REQUIRED FOR < 29 OCCUPANTS IN STORAGE OCCUPANCY (2 EXITS PROVIDED)
- EXIT TRAVEL DISTANCE REQUIREMENTS: (SEC 1016)
- WAREHOUSE EXIT ACCESS TRAVEL DISTANCE = 300 UNSPRINKLED
- ALLOWABLE HEIGHT AND BLDG. AREA: (TBL 503)
- 5-1 = 17,500 SQ. FT. / 2 STORY ALLOWED, THIS PROJECT 2 STORY 2,270 SQ. FT.
- CONSTRUCTION CLASSIFICATION: (SEC 602.2)
- TYPE II B
- FIRE RESISTANCE RATING REQUIREMENTS FOR BLDG. ELEMENTS: (TBL 601)
- STRUCTURAL FRAME = 0 HRS.
- BEARING WALLS (INTERIOR AND EXTERIOR) = 0 HRS.
- NON-BEARING WALLS = 0 HRS.
- FLOOR CONSTRUCTION = 0 HRS.
- ROOF CONSTRUCTION = 0 HRS.
- FIRE RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS: (TBL 602)
- EXTERIOR WALLS WITH TO < 30 FIRE SEPARATION DISTANCE = 0 HR.
- FIRE ALARM SYSTEM REQUIREMENTS: (SEC 907)
- THIS BLDG. DOES NOT REQUIRE A FIRE ALARM SYSTEM
- FIRE PROTECTION SYSTEM REQUIREMENTS: (SEC 903)
- THIS BLDG. DOES NOT REQUIRE A FIRE PROTECTION SYSTEM IN ACCORDANCE WITH SEC 903.2.9
- CONSTRUCTION DOCUMENTS: (SEC 1603)
- THIS BLDG. SHALL BE DESIGNED IN ACCORDANCE WITH IBC SECTION 1609 AS A FULLY ENCLOSED BLDG. USING THE FOLLOWING INFORMATION:
- WIND DESIGN DATA:
  - DETERMINATION OF WIND LOADS SHALL BE IN ACCORDANCE WITH IBC SEC 1609.4
  - BASIC WIND SPEED (3 SECOND GUSTS) = 130 MPH (FIG 1609)
  - IMPORTANCE FACTOR: CATEGORY II BLDG., IE = 1.00, IS = 1.0, IW = 1.00 (TBL 1604.5)
  - EXPOSURE B
  - DESIGN WIND PRESSURE (ASCE 7-05 FIG. 6-2): 33.6 PSF
  - INTERNAL PRESSURE COEFFICIENT (ASCE 7-05 FIG. 6-5): ± 0.18
- LIVE LOADS: (SEC 1607)
  - LOBBIES AND USE PLR. CORRIDOR (TBL 1607.1): 100 PSF
  - OFFICE (TBL 1607.1): 50 PSF
  - ROOF LIVE LOAD (TBL 1607.1) = 20 PSF UNIFORM, 300 LB. CONCENTRATED
  - GROUND SNOW LOAD (FIG. 1608.2) = 0 PSF

BASED ON A SURVEY BY J.V. BURKES  
THIS PROPERTY IS IN A SPECIAL FLOOD HAZARD AREA.  
F.I.R.M. COMMUNITY MAP NO. 225205 0420 E ; DATE 4-21-99  
FLOOD ZONE: A10; BASE FLOOD ELEVATION 9.00'

**DETAILED BUILDING REQUIREMENTS**  
**(MAIN WIND FORCE RESISTING COMPONENTS)**

- THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS AND STRUCTURES SHALL BE IN ACCORDANCE WITH EITHER THE AISC LOAD AND RESISTANCE FACTOR DESIGN SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS (AISC-LRFD), AISC SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS-ALLOWABLE STRESS DESIGN (AISC-ASD) OR AISC SPECIFICATION FOR THE DESIGN OF STEEL HOLLOW STRUCTURAL SECTIONS (AISC-HSS). WIND LOAD DESIGN OF 130 MPH.
- ROOF COVERING HAS BEEN DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS SET FORTH IN IBC SECTION 1507
- 7/16" THICK STRUCTURAL WOOD PANELS AND ATTACHMENT HARDWARE SHALL BE PROVIDED FOR BUILDING OCCUPANCY THE PANELS SHALL BE NUMBERED FOR EACH GLAZED OPENING AND SHALL BE STORED ON SITE PERMANENTLY (IBC 1608.1.4, EXCEPTION)

**CONTRACTOR NOTE**  
EACH CONTRACTOR RESPONSIBLE FOR THE CONSTRUCTION OF A MAIN WIND-FORCE-RESISTING COMPONENT OF THIS BUILDING SHALL SUBMIT A WRITTEN CONTRACTORS STATEMENT OF RESPONSIBILITY TO THE BUILDING OFFICIAL AND OWNER PRIOR TO COMMENCEMENT OF THE WORK ON THAT COMPONENT. (IBC 1706.3)

DWG#	DRAWING NAME	REVISED
C-1	SITE PLAN	
S-1	FOUNDATION PLAN	
A-1	FLOOR PLAN	
A-2	BUILDING SECTION & DETAILS	
E-1	POWER & LIGHTING PLAN	





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CHIEF ARCHITECT  
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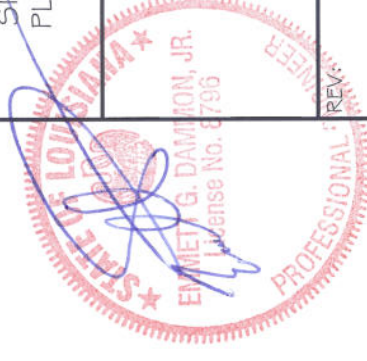
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SLIDELL, LA

SITE  
PLAN



SCALE: AS NOTED

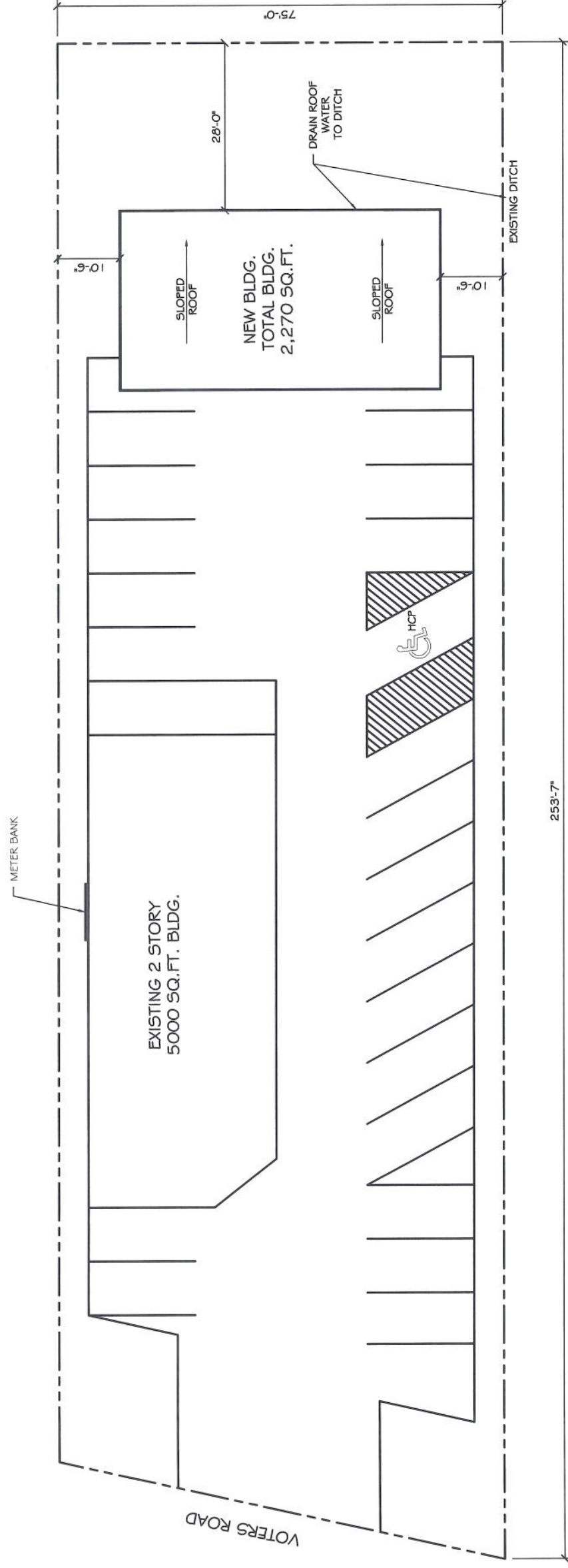
JOB#: 2122

DATE: 09-23-11

SHEET 2

C-1

OF 6



SITE PLAN  
SCALE: 1"=10'

**SITE LEGEND**

- PROPERTY LINE
- BUILDING OUTLINE



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FOUNDATION  
 PLAN



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 SCALE: AS NOTED  
 JOB#: 2122  
 DATE: 9-23-11  
 SHEET 3

S-1

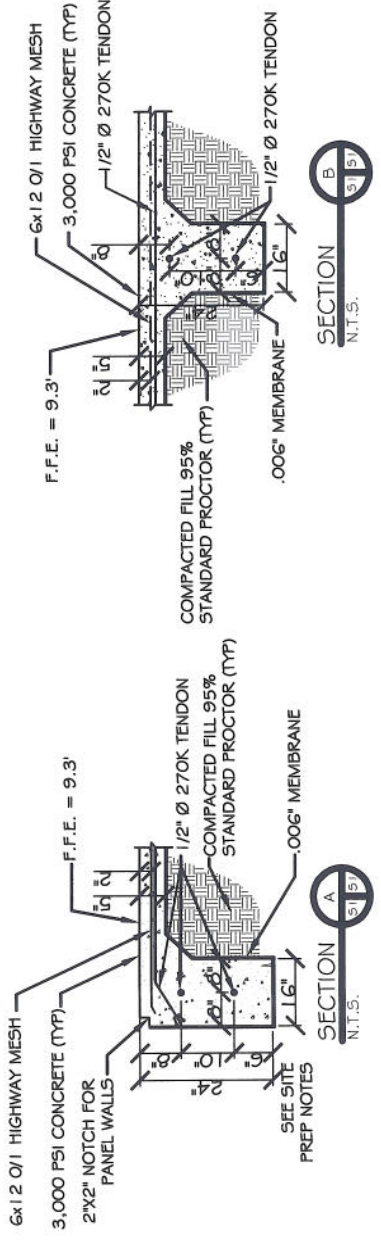
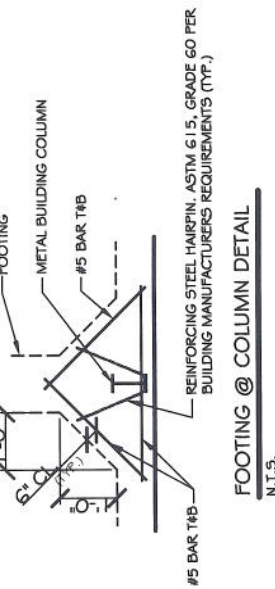
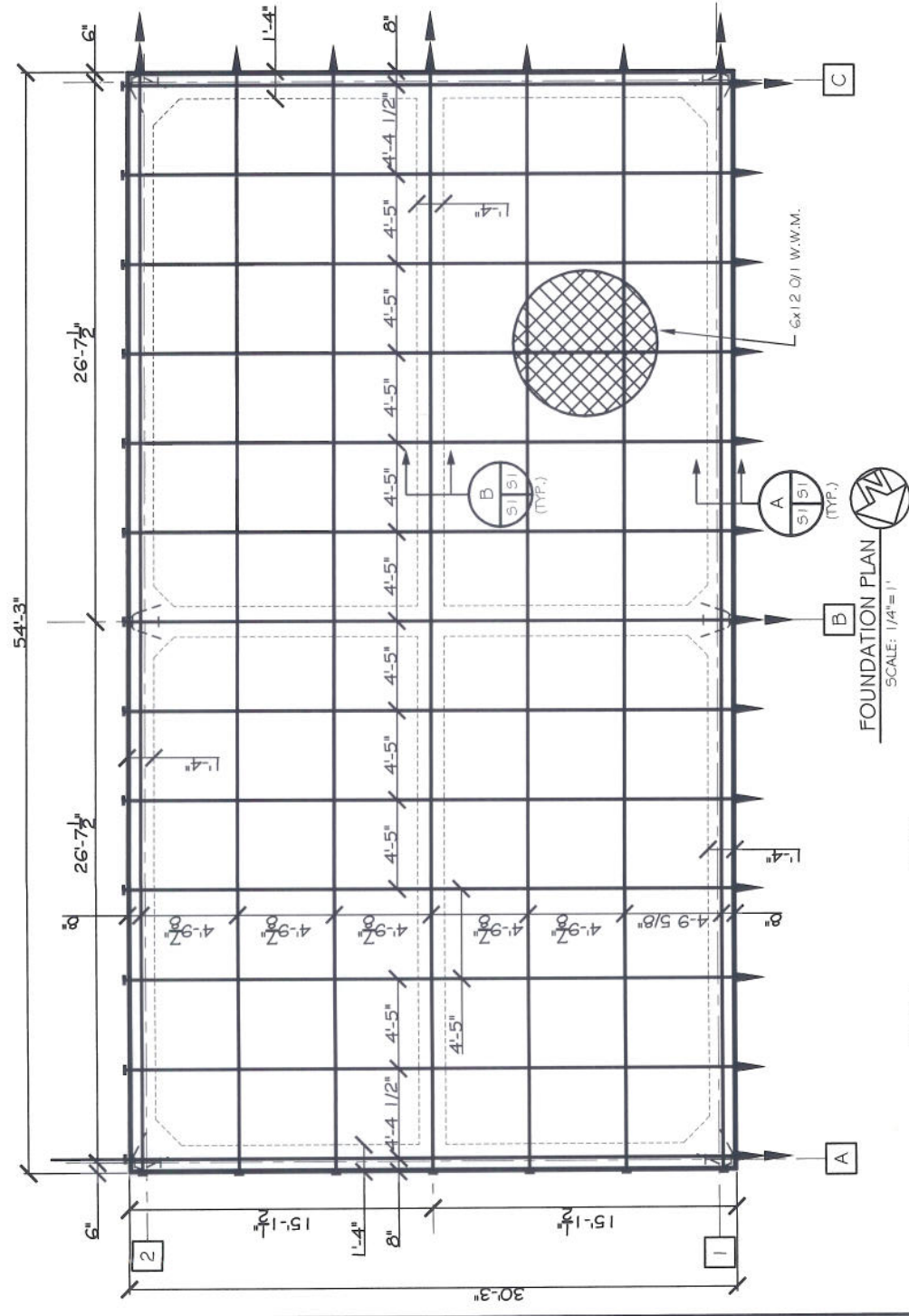
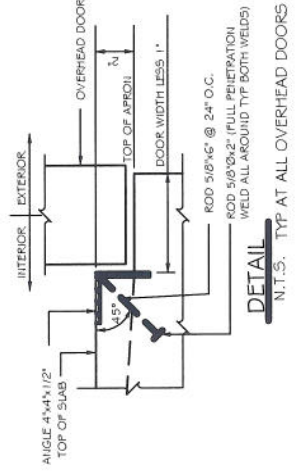
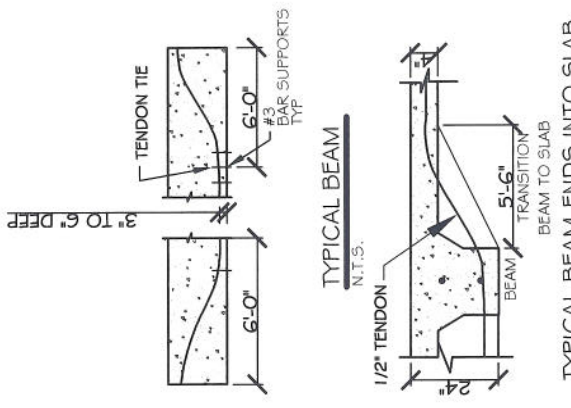
OF 6

**FOUNDATION GENERAL NOTES:**

- THE INTENT OF THIS PLAN IS TO PROVIDE INFORMATION FOR PLACEMENT OF POST TENSION TENDONS AND (WHERE SHOWN) PILING, ONLY. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS, BRICK LEDGES, BLOCK OUTS, OFFSETS, ETC. SHOWN ON THESE PLANS. TO ASSURE AGREEMENT WITH ARCHITECTURAL PLANS.
- BEAM SIZES AND LOCATION AND NUMBER OF PILES SHALL NOT BE CHANGED WITHOUT APPROVAL OF THE ENGINEER. EXCEPT THAT BEAM DEPTH MAY BE EXTENDED TO REACH UNDISTURBED SOIL. SPECIAL LOADS NOT INDICATED ON DRAWING I.E., BRICK FIREPLACES, AND OR CHIMNEYS, HOT TUBS ETC., REQUIRE ADDITIONAL REINFORCEMENT.
- IT IS RECOMMENDED THAT A CURING COMPOUND BE USED TO CONTROL SHRINKAGE.
- AS A MINIMUM, INSTALLATION OF RIGID FLOOR TILES, BRICK, ETC. SHALL BE OVER AN ELASTIC BOND BREAKER. ANY CRACKS IN CONCRETE FLOOR SHALL BE TREATED PRIOR TO INSTALLATION OF TILES. ELASTOMERIC ADHESIVE IS RECOMMENDED FOR CERAMIC FLOOR TILES, WHERE DECORATIVE CONCRETE IS USED, ADDITIONAL REINFORCEMENT WILL BE REQUIRED.
- WHERE ADDITIONAL REINFORCEMENT WITH REBAR IS USED IN FOOTINGS, IT SHALL CONFORM TO ASTM A615. WOVEN WIRE FABRICS SHALL CONFORM TO ASTM A185.
- TENDONS AND BARS SHALL BE SECURELY SUPPORTED TO BE PREVENT BOTH VERTICAL AND HORIZONTAL MOVEMENT DURING PLACING OF CONCRETE.
- ALLOW 2" CENTERED CLEARANCE ON TENDON AXIS BY 36" LENGTH FOR STRESSING EQUIPMENT CLEARANCE.
- CONCRETE SHALL BE WELL CONSOLIDATED ESPECIALLY IN THE VICINITY OF TENDON ANCHORAGES.
- CONCRETE DESIGN IS BASED UPON A CONCRETE MIX HAVING A MINIMUM OF 5.3 SACKS OF CEMENT PER CUBIC YARD AND A MAXIMUM OF 30 GALLONS OF FREE AND ADDED WATER PER CUBIC YARD. SUCH A MIX SHOULD GIVE A MINIMUM COMPRESSION STRENGTH OF 3,000 P.S.I. AT 28 DAYS. CONCRETE DESIGN MIX SHALL BE IN ACCORDANCE WITH THE A.C.I. BUILDING CODE REQUIREMENTS.
- CONCRETE TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 1500 P.S.I. AT THE TIME OF STRESSING.
- ALL CONVENTIONAL REINFORCING STEEL SHALL BE ASTM DESIGNATION A-615 (GRADE 60) REINFORCING AND SHALL BE DETAILED AND ACCESSORIES PROVIDED IN ACCORDANCE WITH THE LATEST A.C.I. MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES.
- ALL PRESTRESSING STEEL SHALL CONSIST OF SEVEN-WIRE STRESS RELIEVED STRAND CONFORMING TO ASTM A-415. MINIMUM ULTIMATE TENSILE STRENGTH SHALL BE 270,000 P.S.I. STRANDS SHALL BE COATED WITH A PERMANENT RUST PREVENTIVE LUBRICANT AND A PLASTIC SHEATH.
- REINFORCEMENT SHALL HAVE 3" COVER IN GRADE BEAM BOTTOMS, 2" COVER IN BEAM SIDES AND TOPS, 1 1/2" COVER IN SLAB TOPS AND BOTTOMS, UNLESS OTHERWISE SHOWN.
- COORDINATE STRUCTURAL DRAWINGS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS FOR ALL OPENINGS, INSERTS AND ANY OTHER RELATED ITEMS.
- PLANS FOR PIPES, CONDUITS, THIMBLES, ETC. TO PASS THROUGH CONCRETE SLAB OR BEAM, MUST NOT CONFLICT WITH REINFORCING, WHERE A CONFLICT OCCURS, PIPES, CONDUIT, ETC. ARE TO TAKE PRECEDENCE.
- PROVIDE A SINGLE LAYER OF VAPOR BARRIER UNDER CONCRETE SLAB.
- THE TENDON LOCATION AT THE END OF GRADE BEAM IS TO BE A MINIMUM OF 6" FROM THE TOP OF SLAB TO CENTER OF GRAVITY OF TENDONS.
- TENDONS TO BE STRESSED NO EARLIER THAN 7 DAYS AND NOT LATER THAN 14 DAYS AFTER PLACEMENT OF CONCRETE.
- FORMS TO BE STRIPPED NO LATER THAN 6 DAYS AFTER PLACEMENT OF CONCRETE.
- STRESSING:
  - 1/2" TENDON SHALL BE ANCHORED AT 28.9K PER STRAND, BUT SHALL BE INITIALLY STRESSED TO 33.0K PER STRAND.
  - 3/8" TENDON SHALL BE ANCHORED AT 16.1K PER STRAND, BUT SHALL BE INITIALLY STRESSED TO 18.4K PER STRAND.
- LOADING OF SLAB PRIOR TO TENSIONING SHALL NOT BE DONE WITHOUT THE APPROVAL AND DIRECTION OF THE SUPERVISING ENGINEER.

**SITE PREP NOTES:**

- REMOVE EXISTING NEAR SURFACE LOOSE TAN SAND AND MEDIUM STIFF SILTY CLAYS THAT EXTEND TO A DEPTH OF 1 TO 1 1/2 FT. TO EXPOSE EXISTING STIFF AND VERY STIFF CLAYS. UNDER ALL NEW CONSTRUCTION AND PAVING. PROOF-ROLL AND REMOVE ANY SOFT, YIELDING OR PUMPING SPOTS.
- NEW CONCRETE FOOTINGS ARE TO BE SEATED IN THE FIRM, NATURALLY OCCURRING STIFF TO VERY STIFF CLAY OR SILTY CLAYS TO PROVIDE AN ALLOWABLE SOIL BEARING VALUE OF 1,500 LBS. PER SQ. FT.
- PROVIDE AND MAINTAIN IMMEDIATE SITE DRAINAGE BEFORE, DURING AND AFTER CONSTRUCTION. PROVIDE GRADING, SWALES AND SLUMP PUMPS AS MAY BE REQUIRED TO IMMEDIATELY DRAIN ALL RAIN WATER FROM THE CONSTRUCTION AREA.
- ALL EXCAVATED MATERIAL SHOULD BE REPLACED WITH CONTROLLED-COMPACTED STRUCTURAL FILL INSTALLED IN 6"-8" LIFTS. THIS STRUCTURAL FILL, WHICH COULD ALSO BE USED TO RAISE THE SITE GRADE, COULD CONSIST OF RED CLAY-SAND TYPE MATERIAL HAVING LESS THAN 30 PERCENT FINES PASSING THE No. 200 SIEVE. IT SHOULD BE COMPACTED TO AT LEAST 95 PERCENT OF MAXIMUM DRY DENSITY AT OPTIMUM MOISTURE CONTENT ACCORDING TO ASTM D-698.
- ESTIMATED SETTLEMENTS OF UP TO ONE INCH ARE POSSIBLE WITH A MODERATE SUSCEPTIBILITY TO VOLUMETRIC CHANGE RESULTING IN HEAVE AND SHRINKAGE DURING VARIATIONS OF HEAVY PRECIPITATION AND DROUGHT. GOOD ROOF AND SURFACE DRAINAGE WITH POSITIVE COLLECTION AND RUNOFF AND SLOPES AWAY FROM THE BUILDING SHOULD BE ASSURED.
- MONITORING OF PROOF-ROLLING AND SELECTION, PLACEMENT AND COMPACTION OF FILL BY A SOILS ENGINEER, IS RECOMMENDED.





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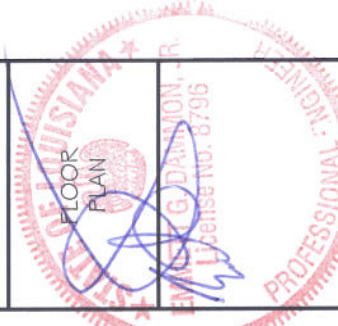
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 SLIDELL, LA



REV:

SCALE: AS NOTED

JOB#: 2122

DATE: 09-23-2011

SHEET 4

A-1

OF 6

**DOOR & HARDWARE SCHEDULE**

MARK	SIZE	DOOR TYPE	FRAME	HDWR. NO.	STC	REMARKS
EXTERIOR DOORS						
①	PR. 3/0x7/0	FLUSH GALV. HOL. MET. STEEL INSUL.	GALV. PTD. HOL. MET.	I	NA	GALVANIZING TO BE G90
②	12' x 12'	ROLL-UP MTL. DR.	GALV. PTD. HOL. MET.	NA	NA	GALVANIZING TO BE G90

DOOR HARDWARE SCHEDULE:  
 1. AUTO CLOSER, KEYED HANDLE, AIR RESISTANT METAL THRESHOLD, WEATHERSTRIP, RATED FOR 130MPH.

**WINDOW SCHEDULE**

MARK	SIZE	WINDOW TYPE	FRAME	GLASS	LITES	REMARKS
⬡A	NOM. 4/0x6/0	HOL. MET. FIXED	HOL. MET.	LOW E	SEE SEE ELEV	SEE EXTERIOR ELEVATIONS

WINDOW SCHEDULE NOTES:  
 1. GLAZING TO BE 3/16" THK. LAMINATED LOW E.

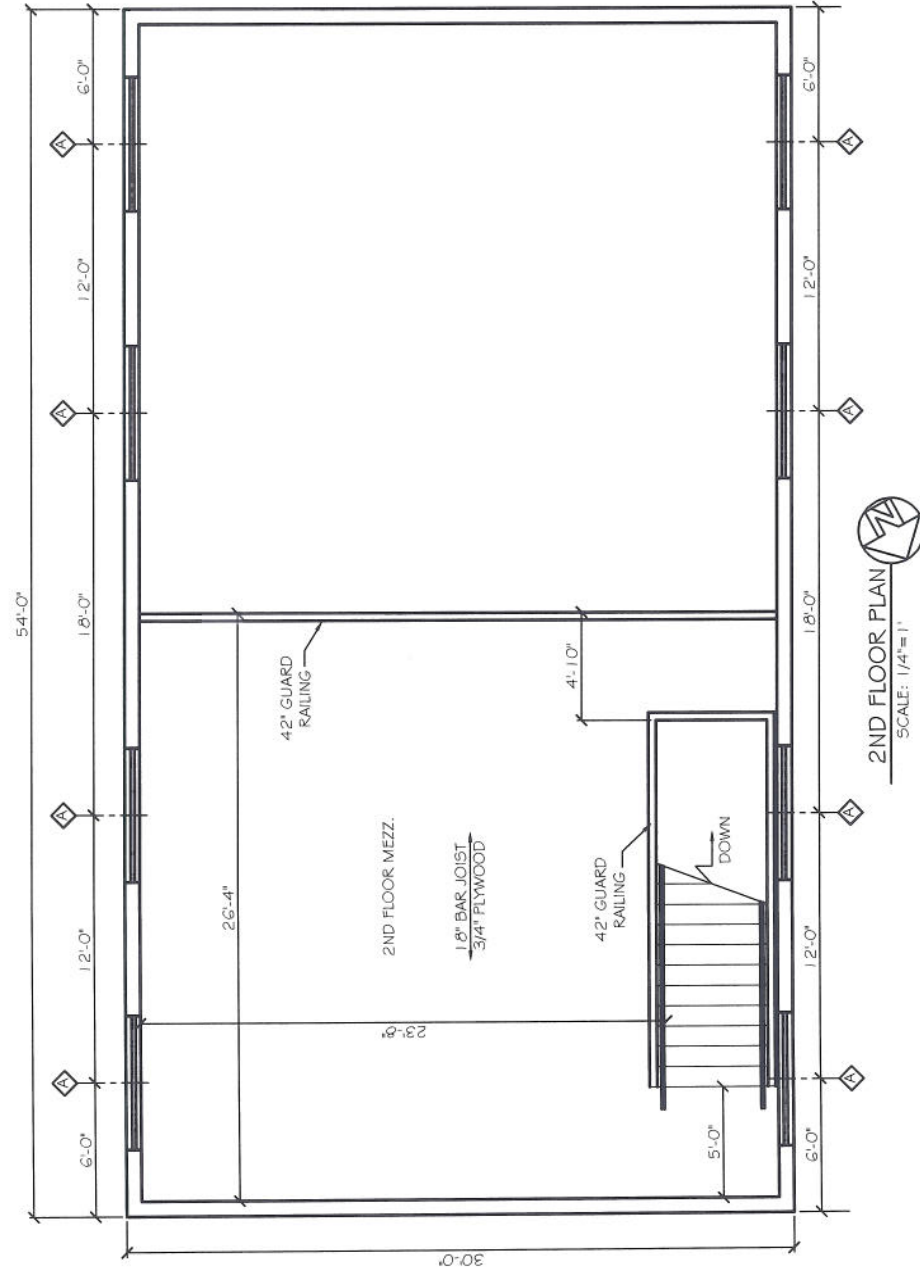
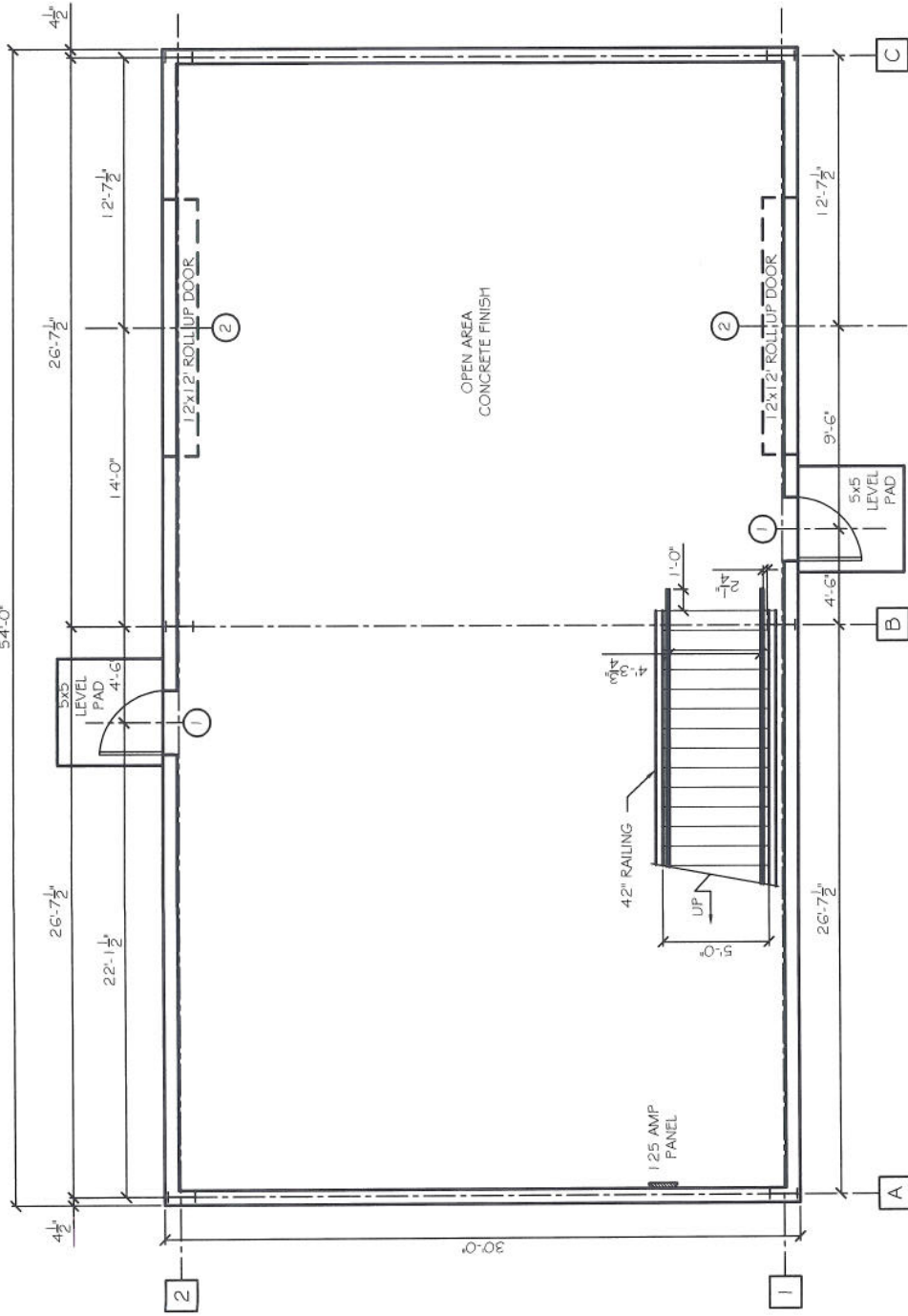
**WINDBORNE DEBRIS PROTECTION FASTENING SCHEDULE FOR WOOD STRUCTURAL PANELS**

FASTENER TYPE	FASTENER SPACING		
	4 FOOT PANEL SPAN ≤ 4 FOOT	4 FOOT PANEL SPAN ≤ 6 FOOT	6 FOOT PANEL SPAN ≤ 8 FOOT
2-1/2" #6 WOOD SCREWS	16"	12"	9"
2-1/2" #8 WOOD SCREWS	16"	16"	12"

WINDOWS IN BUILDINGS LOCATED IN WIND BORNE DEBRIS REGIONS SHALL HAVE GLAZED OPENINGS PROTECTED FROM WINDBORNE DEBRIS. WOOD STRUCTURAL PANELS WITH A MIN. THICKNESS OF 7/16" AND A MAX. SPAN OF 8 FEET SHALL BE PERMITTED FOR OPENING PROTECTION IN ONE AND TWO STORY BUILDINGS. PANELS SHALL BE PRECUT TO COVER THE GLAZED OPENINGS WITH ATTACHMENT HARDWARE PROVIDED.

**GENERAL NOTES**

- INSULATION AND INSULATION ASSEMBLIES SHALL MEET THE REQUIREMENTS OF SECTION 719.
  - CONCEALED INSULATION SHALL HAVE A FLAME SPREAD OF 0-25 AND SMOKE DEVELOPED INDEX OF 0-450. EXCEPT THAT IN COMBUSTIBLE (WOOD FRAME) CONSTRUCTION.
  - FACING SHALL COMPLY WITH IBC 2006.
- PROVIDE 5x5' LANDINGS, LEVEL WITH FINISHED FLOOR, OUTSIDE EXTERIOR DOORS ON WEST SIDE OF BUILDING. THRESHOLDS SHALL BE NOT MORE THAN 1/2" IN HEIGHT AND SHALL BE BEVELED IF MORE THAN 1/4".
- CONTRACTOR TO VERIFY ALL SITE CONDITIONS, BUILDING LOCATIONS, AND DIMENSIONS PRIOR TO CONSTRUCTION.
- MATERIALS SHALL BE NEW AND U.L. LISTED.
- NO WORK SHALL BE CONCEALED UNTIL APPROVED BY LOCAL INSPECTORS.
- CONSTRUCTION SHALL COMPLY WITH ALL PARISH, STATE, AND LOCAL CODES.
- CONTRACTOR TO GUARANTEE WORK FOR ONE YEAR.
- CONTRACTOR SHALL FURNISH WATER AND POWER FROM EXISTING SOURCES.
- EXTERIOR CAULKING SHALL BE THICK CAULK.
- PAINT GRADE TO BE SHERWIN WILLIAMS OR EQUIVALENT. ALL WORK TO RECEIVE 3 COATS. COLOR SELECTION BY OWNER.
- PROVIDE CLEANUP ON A REGULAR BASIS. NO TRASH STORED IN BUILDING.
- PROVIDE CLEANUP ON A REGULAR BASIS. NO TRASH STORED IN BUILDING.
- ALL BATT INSULATION SHALL HAVE A CLASS "A" (0-25) FLAME SPREAD IN COMPLIANCE WITH APPLICABLE CODE.
- USE 6" STUDS, OR 4" STAGGERED STUDS AT ALL PLUMBING WALLS.
- PROVIDE GALVANIZED METAL PAN WITH DRAIN AT WATER HEATER LOCATION.
- ALL CORNERS SHALL BE PROPERLY BRACED FOR WIND LOADS. A 48" SHEATHING SHALL BE PROVIDED EVERY 20 FEET OF WALL LENGTH.
- INTERIOR LOCKS ON DOORS IN MEANS OF EGRESS SHALL NOT REQUIRE THE USE OF A KEY, SPECIAL KNOWLEDGE, OR SPECIAL DEVICE TO OPEN IN THE DIRECTION OF EGRESS. ALL DOORS SHALL HAVE LEVER TYPE HANDLES.
- INTERIOR WALLS AND CEILINGS SHALL HAVE A FLAME SPREAD OF 0-200 AND A SMOKE DEVELOPMENT RATING OF 0-450.
- ALL WORK SHALL COMPLY WITH THE LATEST EDITION OF ALL LOCAL, STATE, AND NATIONAL CODES COVERING THE TYPE OF WORK BEING PERFORMED.
- PROVIDE PORTABLE FIRE EXTINGUISHERS IN ACCORDANCE WITH NFPA 101. SEE APPENDIX 'E' OF NFPA 101 FOR DISTRIBUTION OF EXTINGUISHERS.
- ALL FIRE WALLS SHALL EXTEND TIGHT TO ROOF DECK AND BE SEALED WITH AN APPROVED FIRE CAULK.
- ALL ELECTRICAL, MECHANICAL, AND PLUMBING MATERIALS PENETRATING FIRE WALLS SHALL BE FIRE CAULKED. (PENETRATIONS THROUGH RATED CONSTRUCTION SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM E814.)
- SERVICE COUNTER SHALL HAVE A HCP ACCESSIBLE WRITING SURFACE. MAX. 36" FROM T.F. (ADAAG MANUAL 1998, PG. 135)





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SECTION  
AND  
ELEVATIONS

EMMETT DAMMON, J.P.  
Professional Engineer  
License No. 8796

REVISIONAL ENGINEER

SCALE: AS NOTED

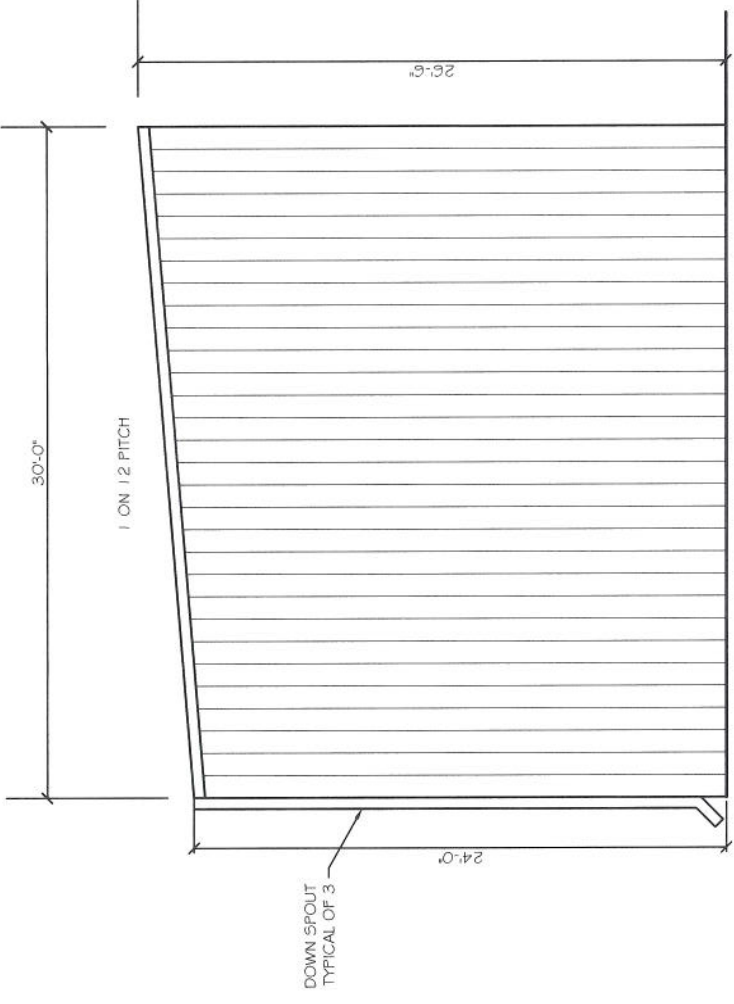
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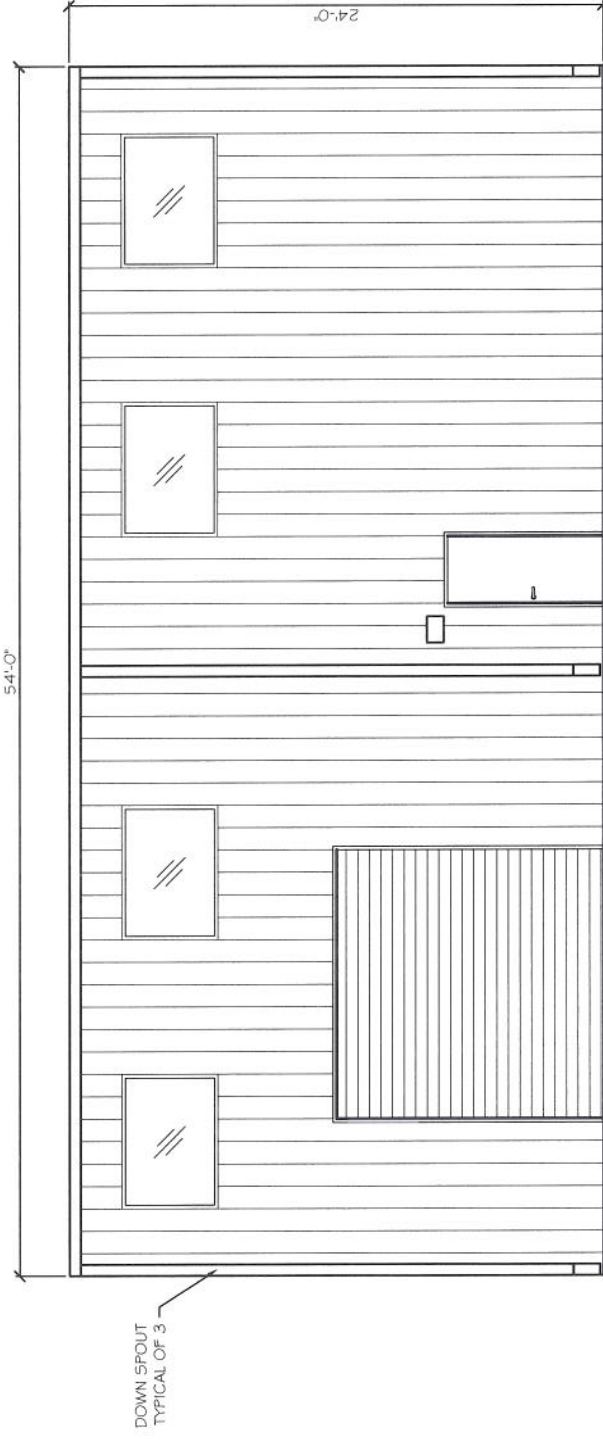
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A-2

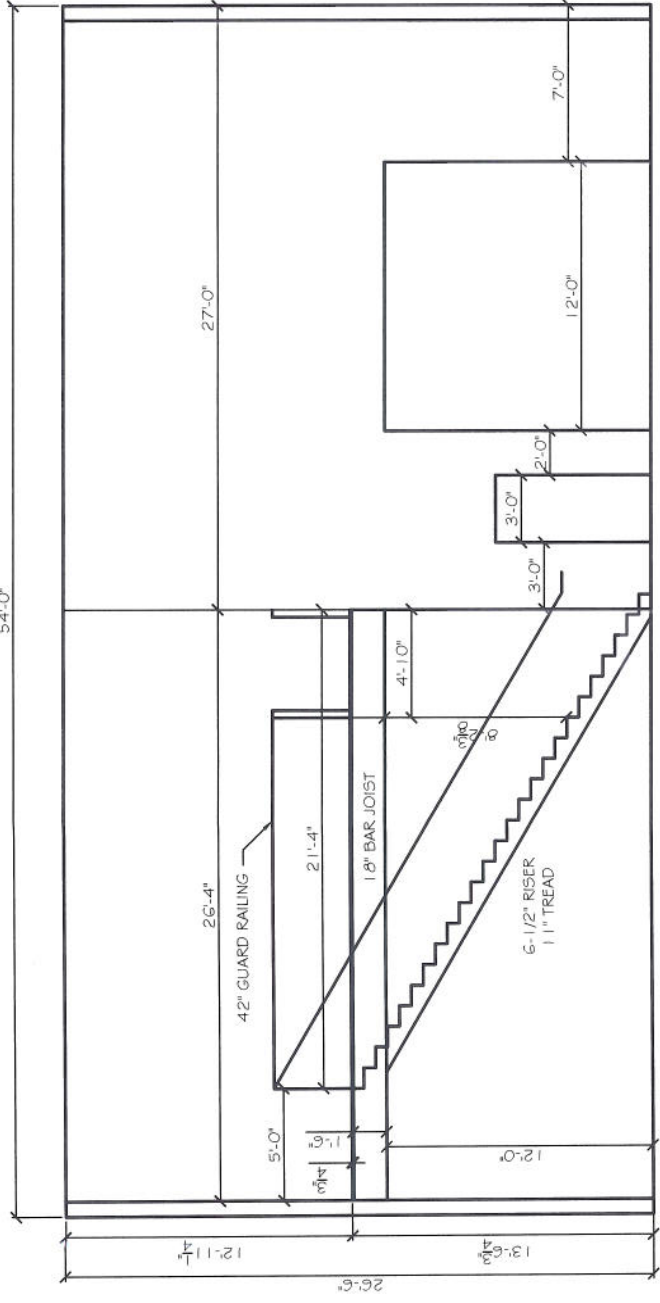
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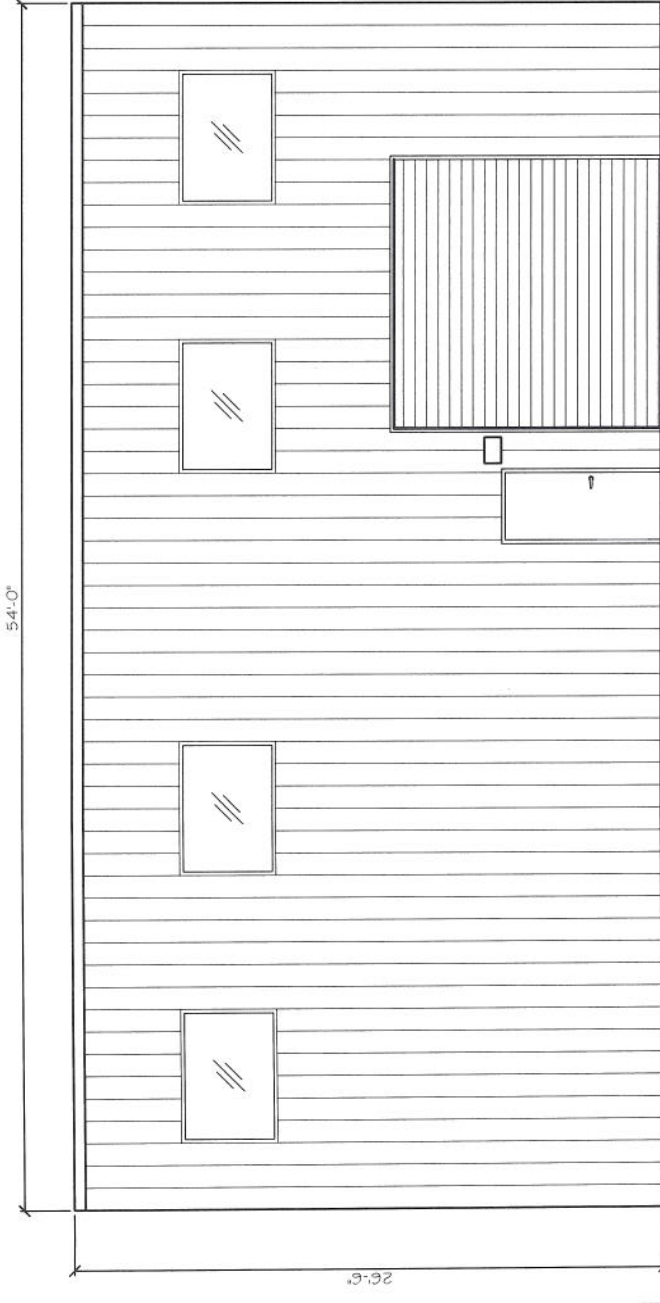
LEFT SIDE VIEW, RIGHT SIDE SIMILAR  
SCALE: 1/4"=1'



REAR VIEW  
SCALE: 1/4"=1'



TYPICAL SECTION  
SCALE: 1/4"=1'



FRONT VIEW  
SCALE: 1/4"=1'



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ELECTRICAL FLOOR  
PLAN

REV:

SCALE: AS NOTED

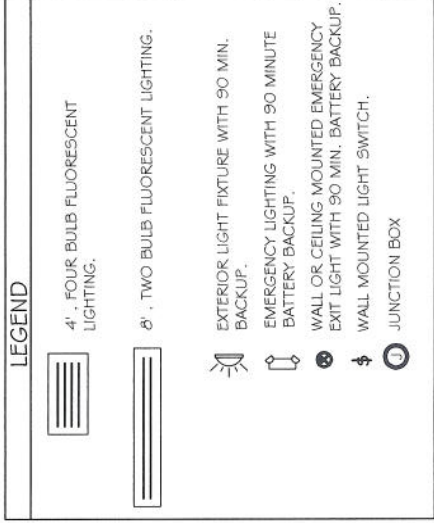
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DATE: 09-23-11

SHEET 6

E-1

OF 6



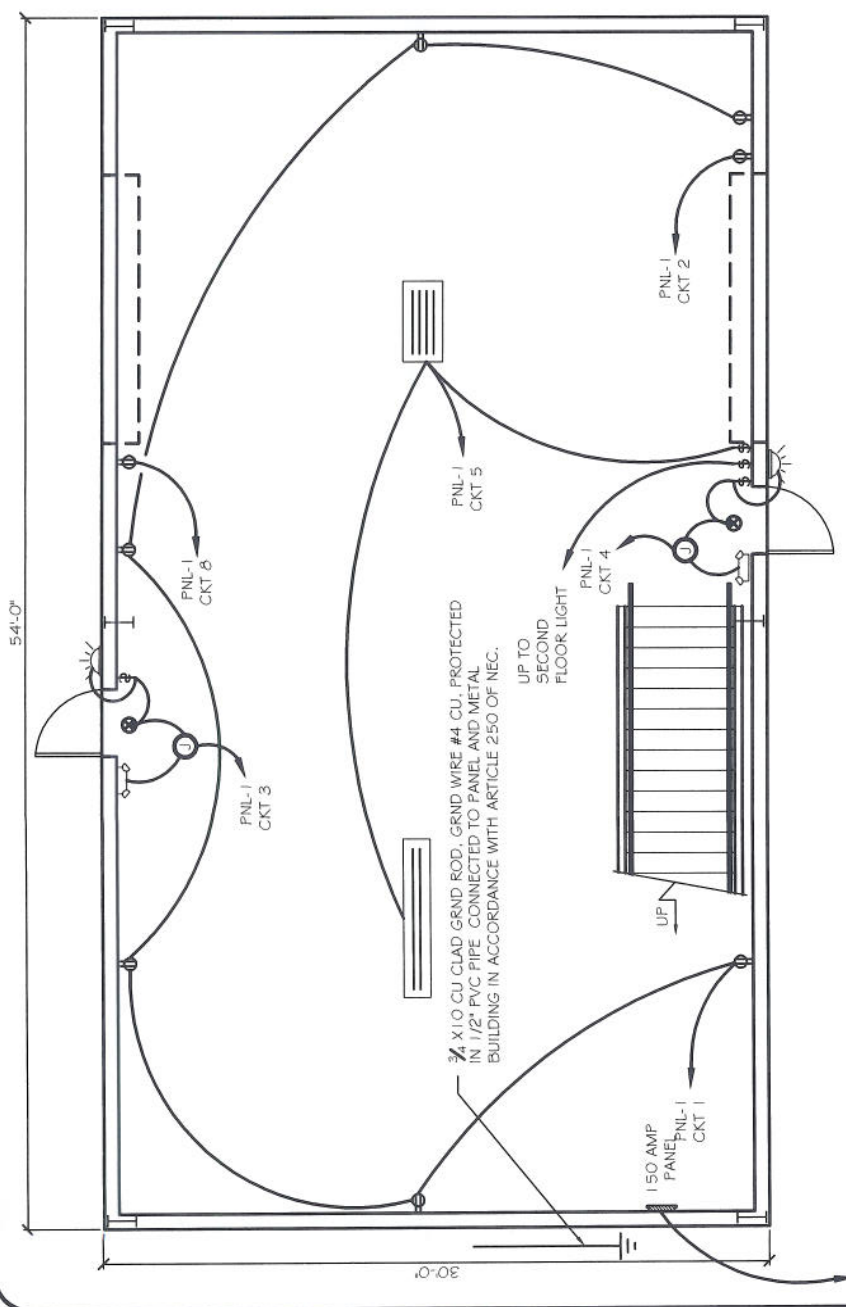
PANEL UP-1  
LOCATION: UNIT 3 METER BANK  
FEEDER SOURCE: EXISTING

VOLTAGE: 120/240V, 150A 1Ø, 3Ø, MLO  
SURFACE MOUNTED EQUIPMENT GND BAR

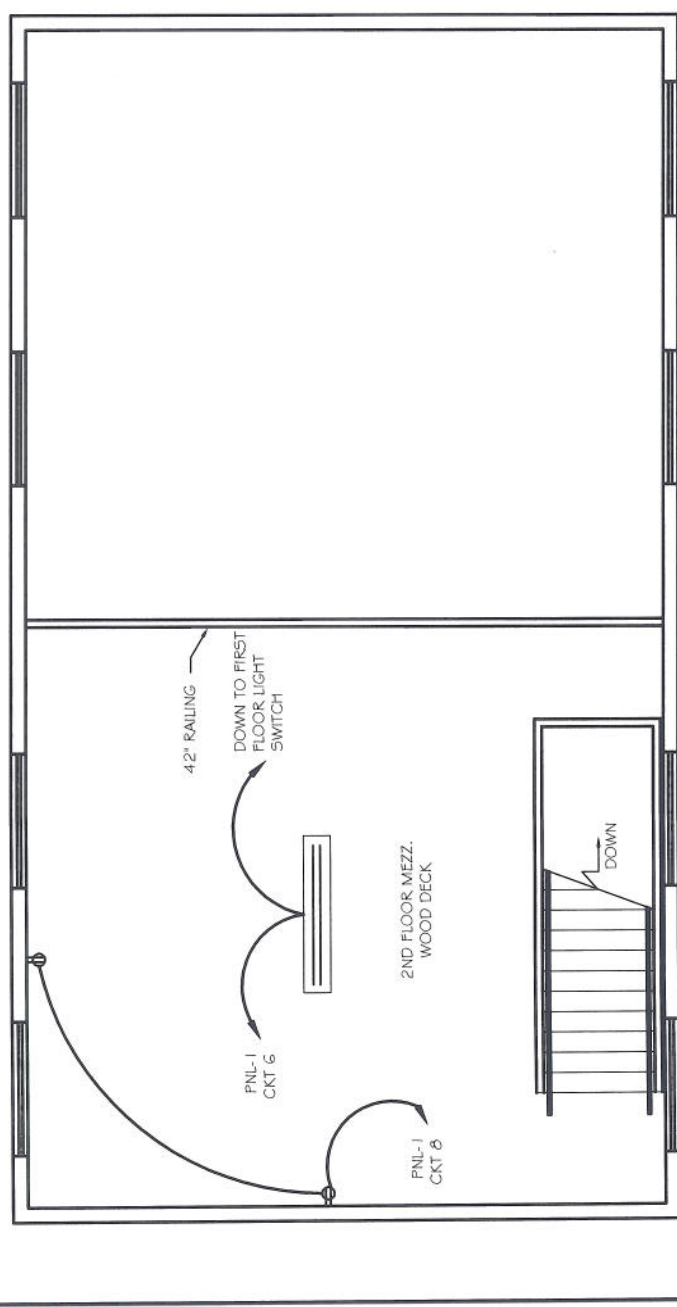
NO.	WIRE SIZE	LOCATION	DESCRIPTION	BRANCHED	AMPS	FEEDER	RECEIVER	TYPE	WIRE SIZE
1	#12	SPACES BEHIND FLOOR	ROLL UP DOOR OUTLET	1	80	1	80	#12	2
3	#12	EMT. EMERGENCY EXIT WALL MTD. LIGHT	EMT. EMERGENCY EXIT WALL MTD. LIGHT	1	80	1	80	#12	4
5	#12	LIGHTS BEHIND FLOOR	LIGHTS BEHIND FLOOR	1	40	1	40	#12	6
7	#12	ROLL UP DOOR OUTLET	ROLL UP DOOR OUTLET	1	80	1	80	#12	8
9	#12	SPACE	SPACE	1	80	1	80	#12	10
11	#12	SPACE	SPACE	1	80	1	80	#12	12
13	#12	SPACE	SPACE	1	80	1	80	#12	14
15	#12	SPACE	SPACE	1	80	1	80	#12	16
17	#12	SPACE	SPACE	1	80	1	80	#12	18
19	#12	SPACE	SPACE	1	80	1	80	#12	20
21	#12	SPACE	SPACE	1	80	1	80	#12	22
23	#12	SPACE	SPACE	1	80	1	80	#12	24
TOTAL CONNECTED LOAD (AMP) FLUKE								380 AS BUILT	
NEUTRAL WIRE (A)								200 AS BUILT	

**ELECTRICAL NOTES**

- ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE, THE GOVERNING ELECTRICAL CODE AND ALL OTHER INSPECTION DEPARTMENTS HAVING JURISDICTION. OBTAIN CERTIFICATES OR APPROVAL WHERE REQUIRED.
- ALL MATERIALS FURNISHED SHALL BE NEW AND SHALL BE U.L. LISTED.
- THE DRAWINGS INDICATE SIZE AND GENERAL LOCATION OF WORK. SCALE DIMENSIONS SHALL NOT BE USED. THE EXACT LOCATION AND LOCATION OF ALL LIGHTING FIXTURES, RECEPTACLES AND TELEPHONE OUTLETS, ETC. SHALL BE DETERMINED BY ACTUAL CONDITIONS IN THE FIELD.
- PRIOR TO BIDDING, CONTRACTOR SHALL VISIT THE JOB SITE AND FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS.
- ELECTRICAL CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER TRADES AND WITH OTHER CONTRACTORS WHOSE WORK MAY AFFECT THIS INSTALLATION.
- ELECTRICAL CONTRACTOR SHALL COORDINATE INCOMING ELECTRICAL SERVICE WITH UTILITY COMPANY AND INCLUDE IN HIS BID ALL CHARGES AND FEES INCURRED IN MODIFICATIONS.
- WHERE MORE THAN ONE SWITCH OCCURS IN THE SAME LOCATION, THEY SHALL BE INSTALLED IN A GANG TYPE BOX UNDER ONE COVER PLATE.
- ELECTRICAL CONTRACTOR SHALL COORDINATE THE TELEPHONE INSTALLATION WITH THE TELEPHONE COMPANY AND THE GENERAL CONTRACTOR.
- ELECTRICAL CONTRACTOR, BEFORE INSTALLING ANY OF THE WORK, SHALL SEE THAT IT DOES NOT INTERFERE WITH CLEARANCES REQUIRED FOR FINISHED COLUMNS, HUNG CEILINGS, PLASTER, PARTITIONS, WALLS, ETC. AS SHOWN IN THE ARCHITECTURAL DRAWINGS AND DETAILS. IF ANY WORK IS INSTALLED AND IT LATER DEVELOPS THAT SUCH DETAILS OR DESIGN CANNOT BE FOLLOWED, THE CONTRACTOR, AT HIS OWN EXPENSE, SHALL MAKE SUCH CHANGES IN THE WORK AS DIRECTED BY THE ARCHITECT, AS WELL AS TO PERMIT THE INSTALLATION OF THE ARCHITECTURAL WORK AS SHOWN ON THE PLANS AND DETAILS.
- PERFORM TEST REQUIRED BY THE OWNER OR THE ENGINEER IN CONNECTION WITH THE OPERATION OF THE ELECTRICAL SYSTEM IN THE BUILDING.
- ALL TESTS SHALL BE MADE IN ACCORDANCE WITH THE LATEST STANDARD OF THE IEEE AND THE NATIONAL ELECTRICAL CODE.
- MINIMUM CONDUCTOR SIZE SHALL BE #12, 600V INSULATION. MINIMUM SIZE CONDUIT SHALL BE 3/4" EMT FOR INTERIOR USE, AND 3/4" RIGID ALUMINUM FOR EXTERIOR USE. USE TYPE NMC CABLE COPPER, FOR LIGHTS AND RECEPTACLE CIRCUITS. EXTERIOR FITTINGS SHALL BE CAST BOXES AND COVERS. INTERIOR FITTINGS SHALL BE CAST WHERE EXPOSED ON WALLS. STAMPED ARE IN USE, USE 1/4" 2 ALLOWED FOR 6" WIDTH.
- CONTRACTOR SHALL INSTALL WIRING AND OTHER CIRCUIT COMPONENTS TO MATCH EQUIPMENT ACTUALLY INSTALLED.
- INSTALL GROUND FAULT RECEPTACLES AT RECEPTACLE LOCATIONS WITHIN 5' OF SINKS OR LAVATORIES, AND AT EXTERIOR LOCATIONS. EXTERIOR RECEPTACLES SHALL ALSO BE WATERPROOF.
- BONDING AND GROUNDING SHALL BE IN ACCORDANCE WITH NFPA 70-230-63, NFPA 250-23, 250-71 & 250-72.
- GROUND NEUTRAL IN ACCORDANCE WITH NFPA 70:250-23b.
- FUSES SHALL BE ITC CLASS KS, 250 VOLT, 200,000 AMP INTERRUPTING CAP.
- PROVIDE SERVICES OF A FIRE-SMoke DETECTION AND ALARM COMPANY TO DESIGN AND INSTALL ALARM SYSTEM TO MEET REQUIREMENTS OF THE STATE FIRE MARSHALL.
- EXTERIOR LIGHTING SHALL BE SHADDED OR INWARDLY DIRECTED IN SUCH A MANNER SO THAT NO DIRECT LIGHTING OR GLARE IS CAST BEYOND THE PROPERTY LINE. THE INTENSITY OF SUCH LIGHTING SHALL NOT EXCEED ONE FOOT CANDLE AS MEASURED AT THE ABUTTING PROPERTY LINE.
- ALL ELECTRICAL, MECHANICAL AND PLUMBING PENETRATING FIRE PARTITIONS SHALL BE FIRE CAULKED. (PENETRATIONS THROUGH CONSTRUCTION SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM-E814.)



**1ST FLOOR POWER/LIGHTING**  
SCALE: 1/4"=1'



**2ND FLOOR POWER/LIGHTING**  
SCALE: 1/4"=1'