

1
SITE PLAN
SCALE: 1" = 50'

SHEET TITLE:
**POPE JOHN PAUL II
HIGH SCHOOL**

1901 JAGUAR DR
SLIDELL, LOUISIANA 70458

JOB No: 2272 DATE: 01-15-16
DRAWN BY: CKD CHECKED BY: BAM

SEAL:

#	DESCRIPTION	REVISIONS	DATE

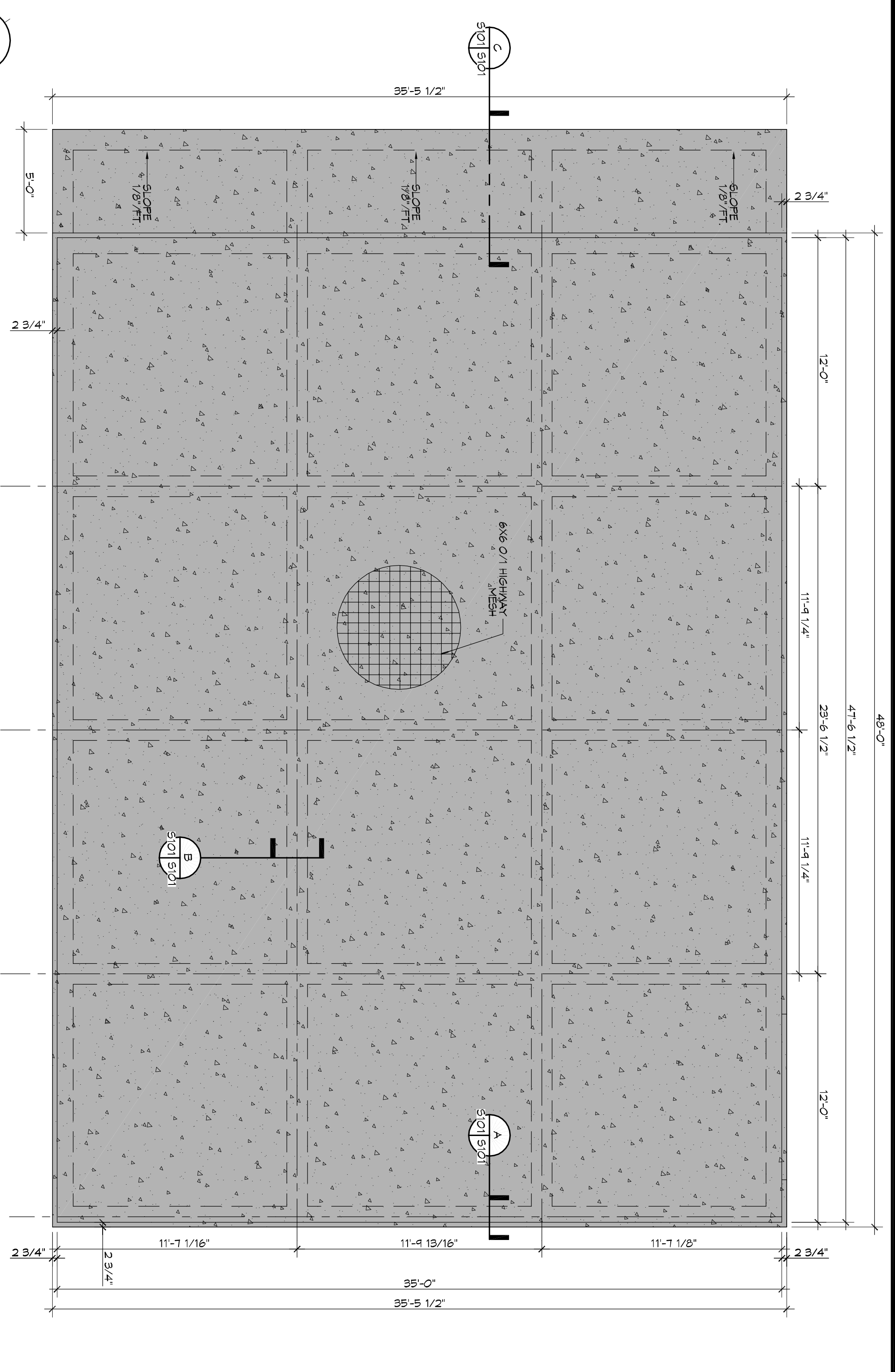
DAMMON
ENGINEERING, INC.

554 Old Spanish Trail
Slidell, LA 70458
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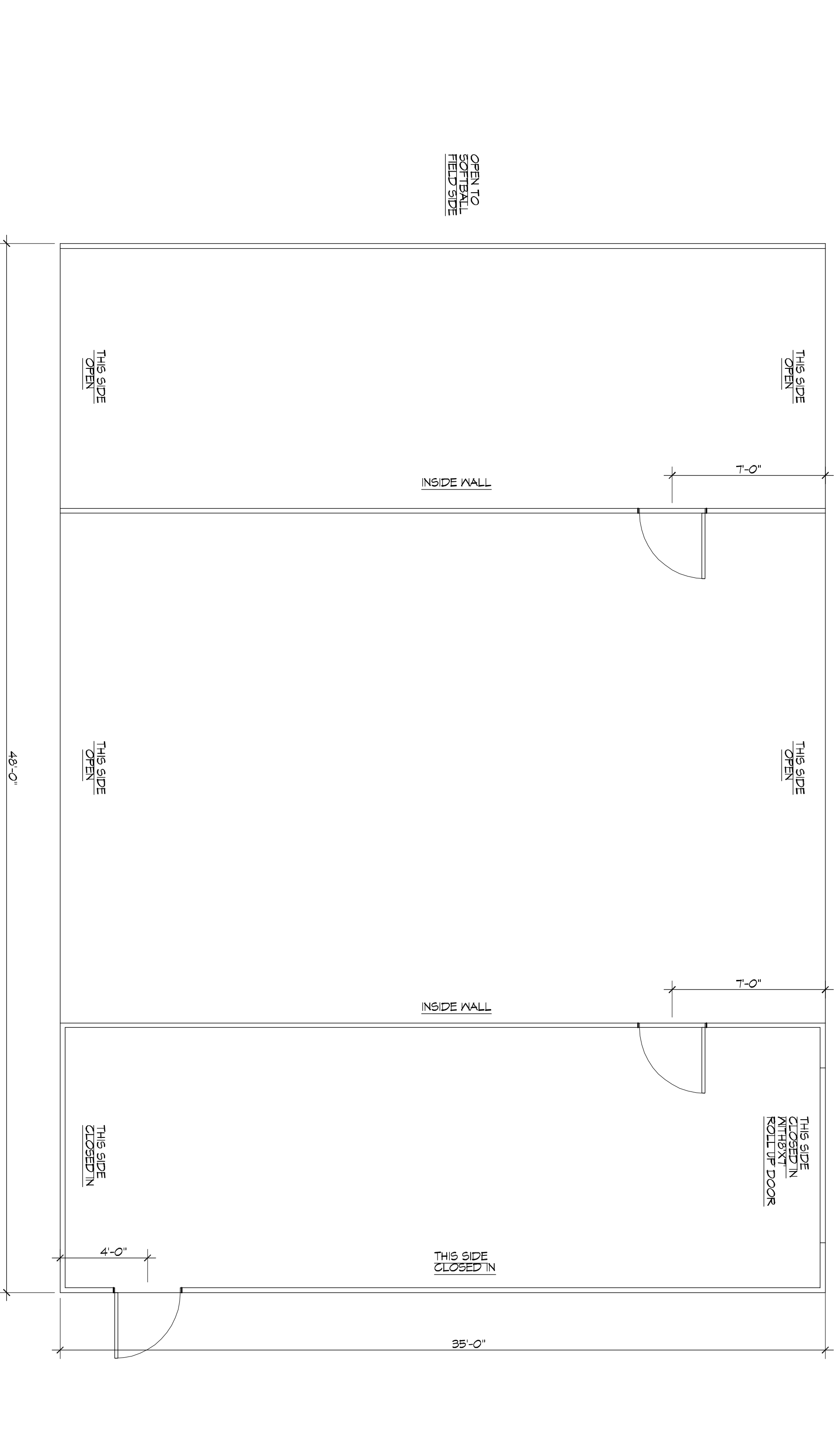
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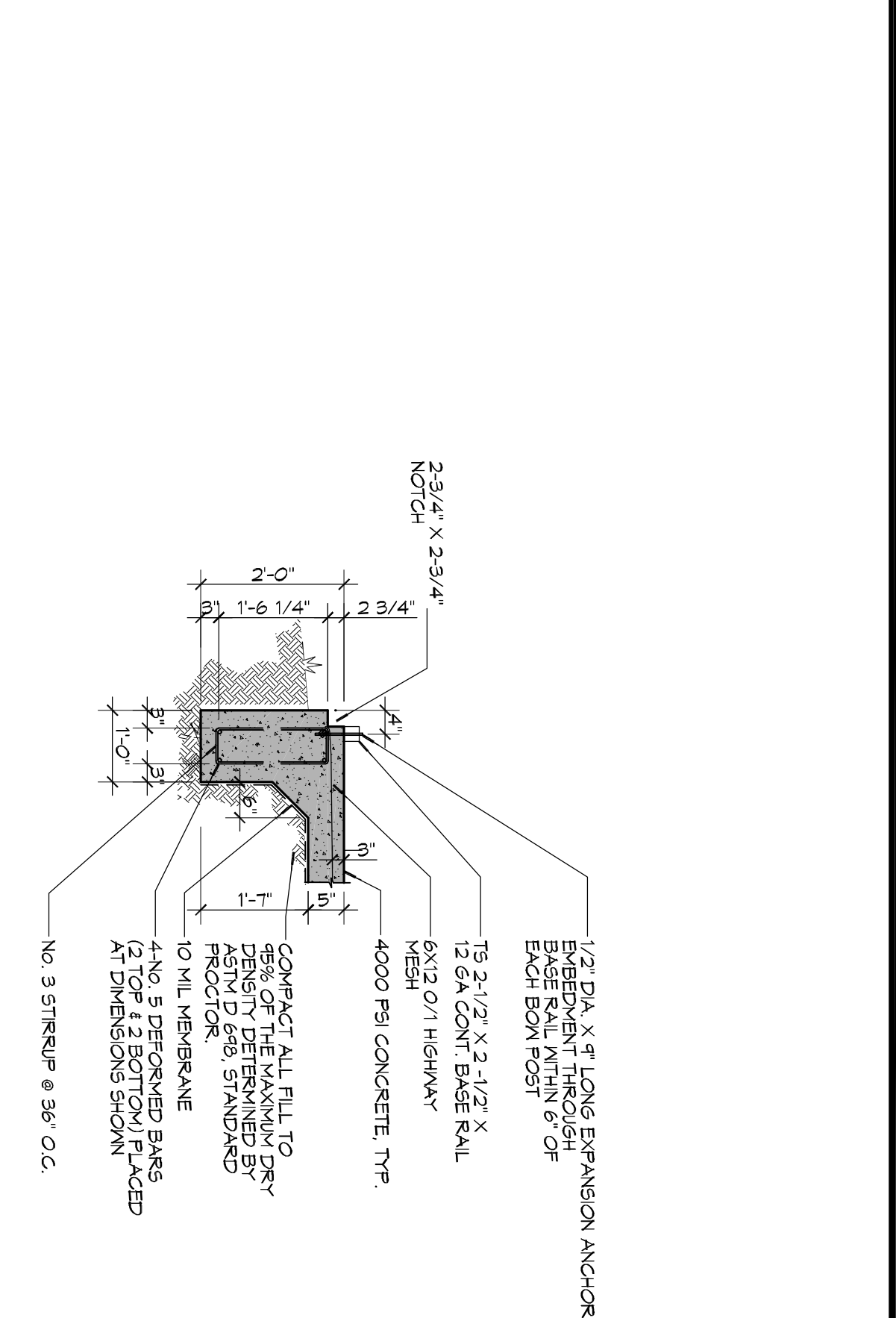
SHEET No: 1 of 3



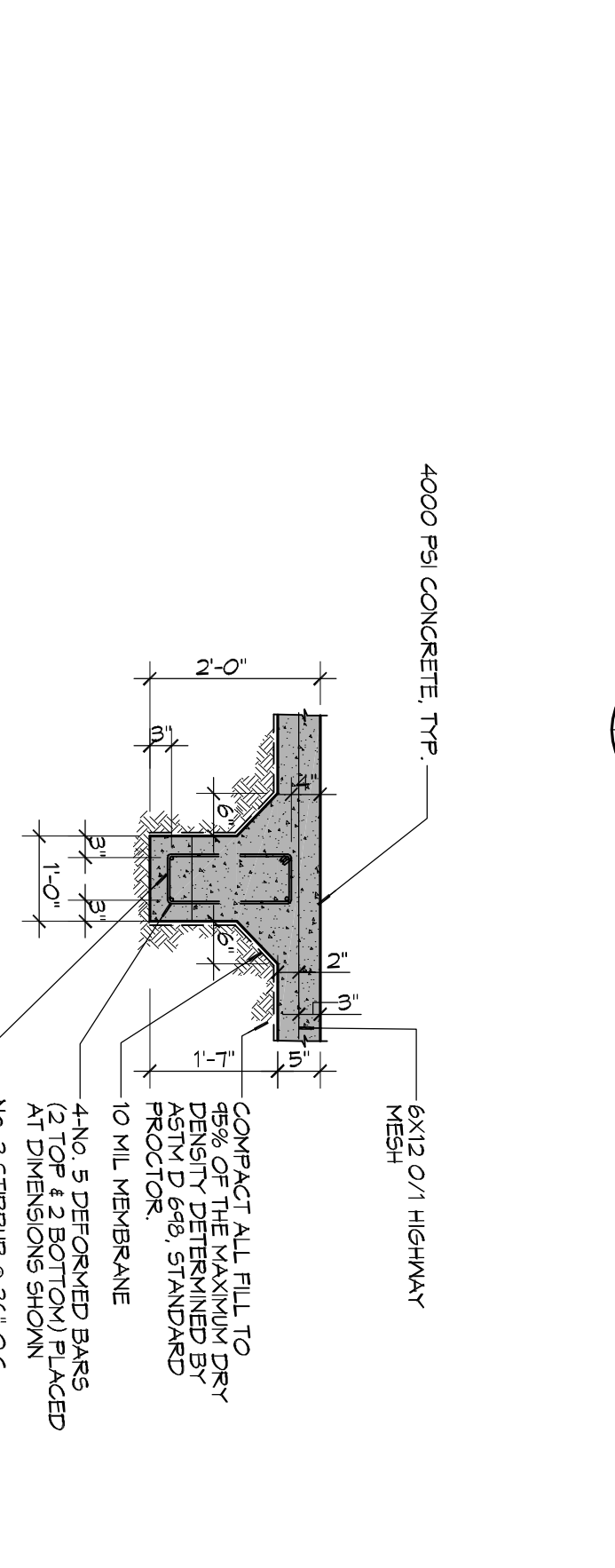
2 FOUNDATION PLAN
SCALE: 1/4" = 1'-0"
FOUNDATION



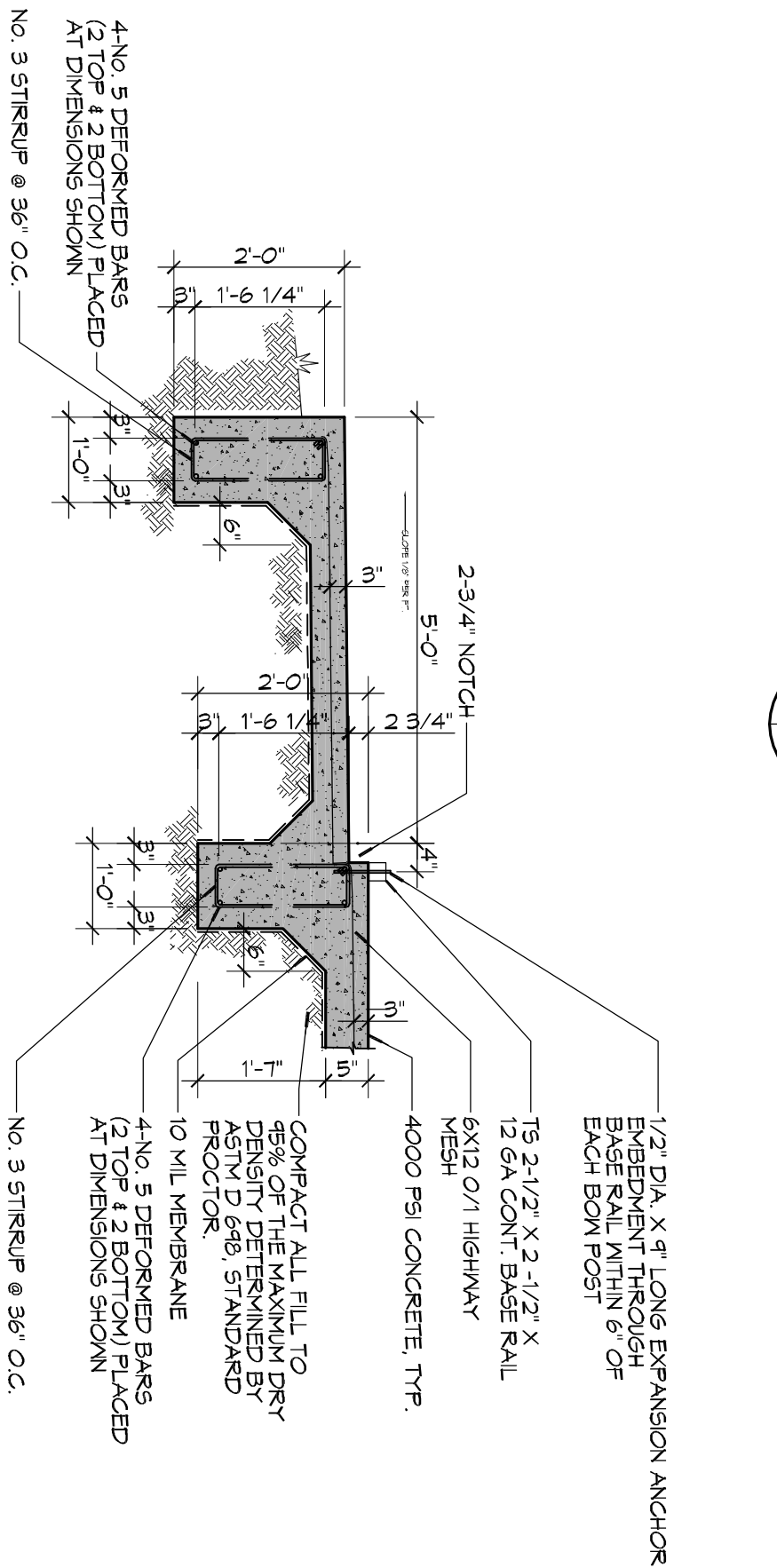
1 BUILDING FLOOR PLAN
SCALE: 1/4" = 1'-0"
BUILDING PLAN



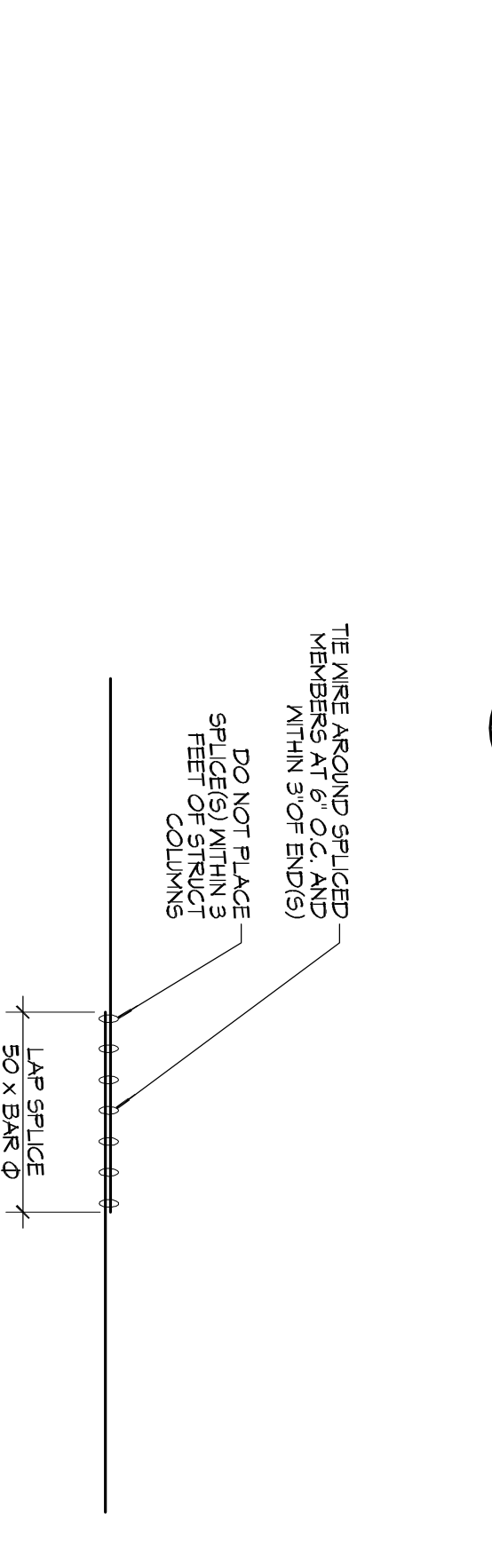
A SECTION
SCALE: 1/2" = 1'-0"



B SECTION
SCALE: 1/2" = 1'-0"



A SECTION
SCALE: 1/2" = 1'-0"



3 DETAIL
SCALE: 1/2" = 1'-0"

GENERAL NOTES

1. CONTRACTOR SHALL VERIFY WITH METAL BLDG WFG ALL DIMENSIONS PRIOR TO FORMING FOUNDATION.
2. ALL DIMENSIONS ARE EDGE OF CONCRETE (EOC) TO EDGE OF CONCRETE (EOC) UNLESS NOTED OTHERWISE.
3. CONCRETE MIX SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS. CONCRETE MIX SHALL BE IN ACCORDANCE WITH AC-318.
4. ALL CONVENTIONAL REINFORCING STEEL SHALL MEET ASTM-A615 (GRADE 60).
5. ONE LAYER OF POLYETHYLENE VAPOUR BARRIER SHALL BE PLACED UNDER ALL CONCRETE. VAPOUR BARRIER TO BE MINIMUM 10 MIL THICKNESS. ASTM E 1785 CLASS A PERFORMANCE LESS THAN 0.01 PERMS. EQUAL TO STEGO INDUSTRIRES STEGO MEMAP ECOSHIELD-E IS MIL BY BRNO. OR ROYBAR 15 BY PLATON FILMS. PROVIDE APPROPRIATE ACCESSORIES FOR A COMPLETE SYSTEM.
6. ALL REINFORCING STEEL AND MESH SHALL BE SECURELY SUPPORTED TO CONCRETE FLOORING.
7. THE REINFORCING STEEL SHALL VERIFY ALL PROPS, OFFSETS, BRACK LEBGERS RESPONSIBLE FOR SAME.
8. GRADE BEAM DIMENSIONS MAY VARY BY -5% - +25%.
9. BEHIND CONCRETE FOOTINGS AND CONTINUOUS FOOTINGS FINISHED GRADE SHOULD BE DESIGNED FOR MINIMUM NET ALLOWABLE BEARING PRESSURES OF 1000 PSF AND 2000 PSF, RESPECTIVELY, BASED ON DEAD LOADS AND DESIGN LIVE LOADS.
10. ALL SOIL BELOW SLAB SHALL RECEIVE TERMITTE TREATMENT.



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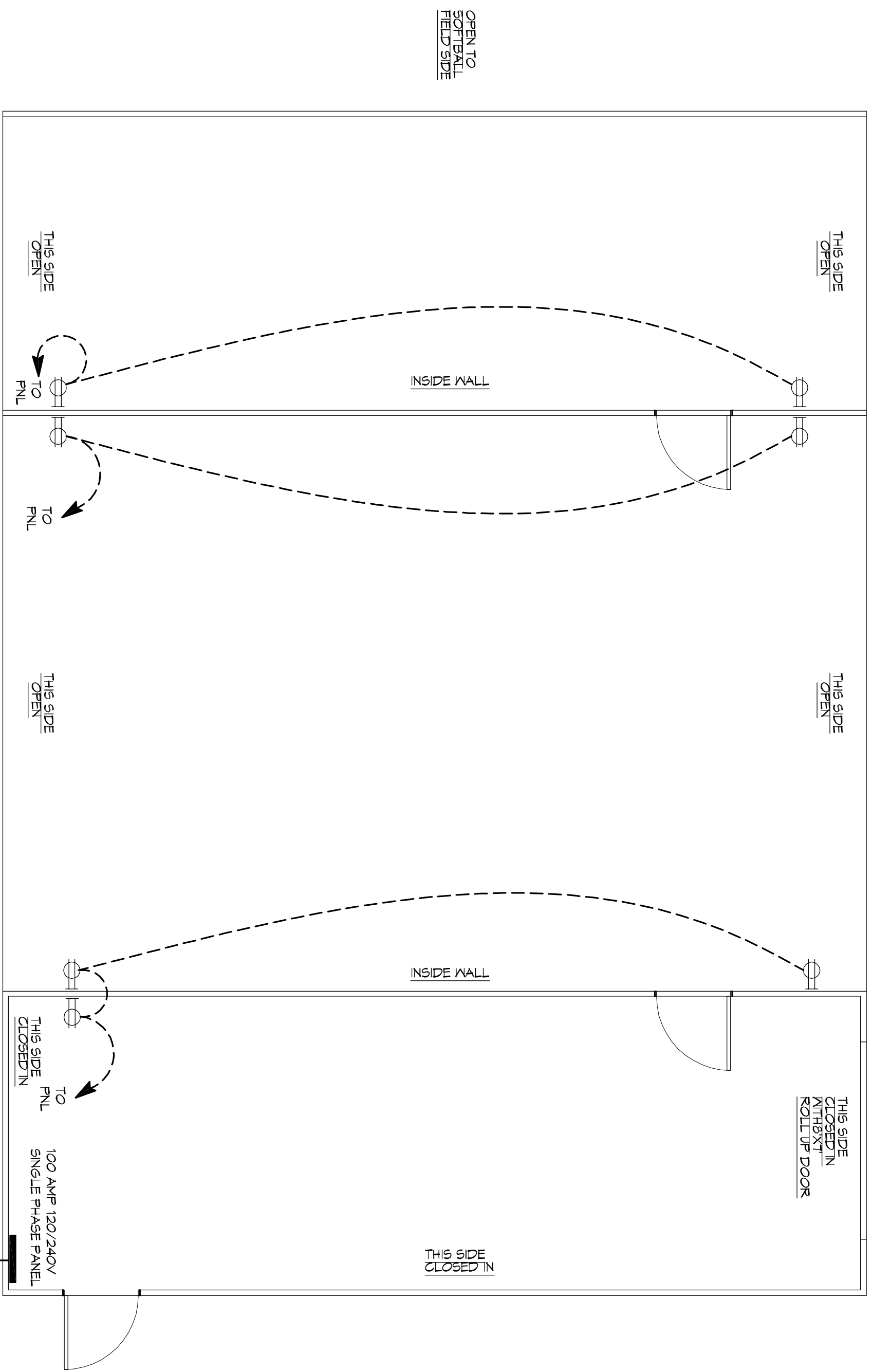
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FLOOR PLAN &
FOUNDATION
PLAN

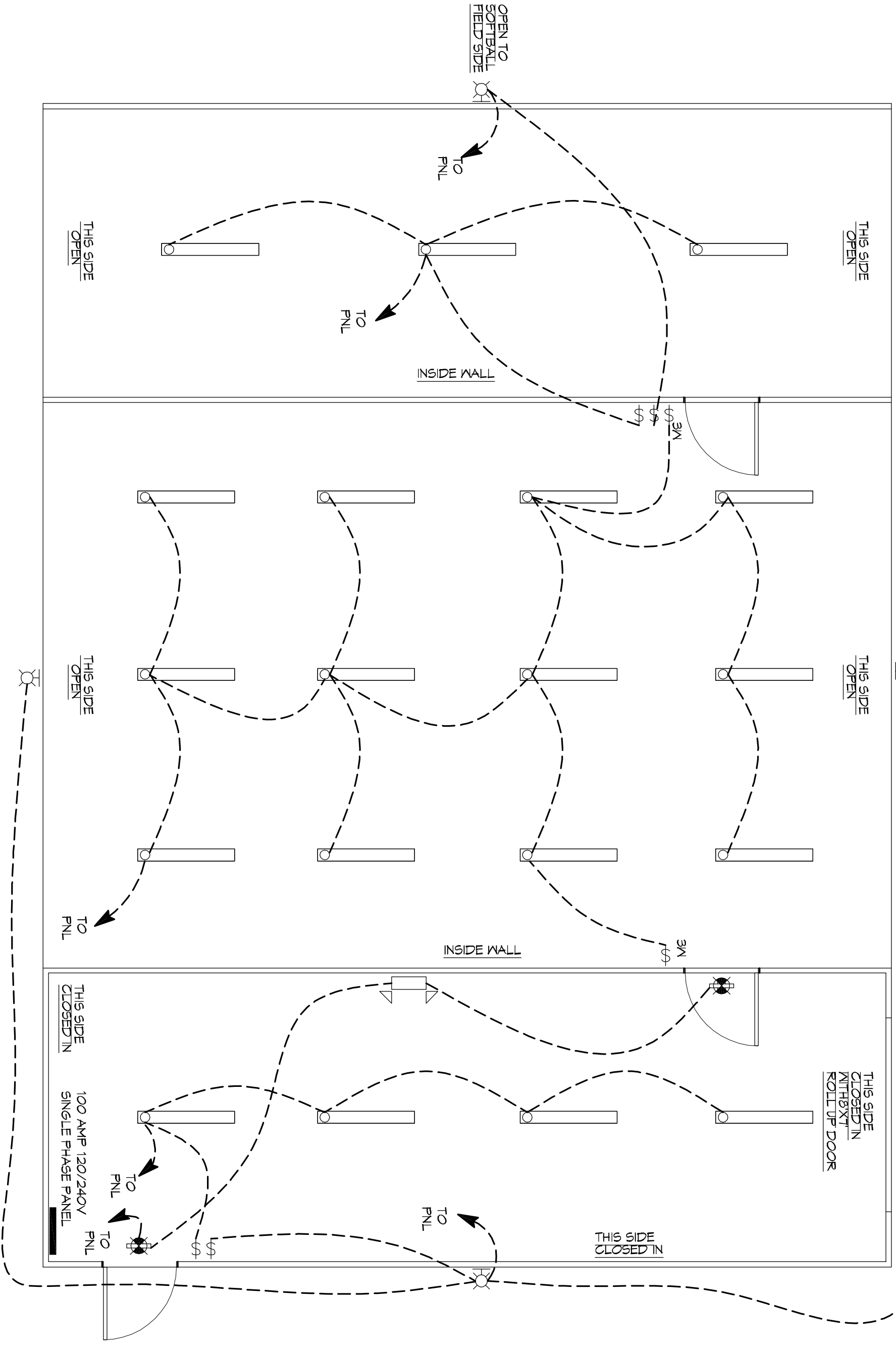
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5101

SHEET No: 2 of 3

We warrant that the drawings, designs and specifications herein are the work of our firm and that we are duly licensed and qualified to practice in the state of Louisiana. We warrant that the drawings, designs and specifications herein are the work of our firm and that we are duly licensed and qualified to practice in the state of Louisiana. We warrant that the drawings, designs and specifications herein are the work of our firm and that we are duly licensed and qualified to practice in the state of Louisiana.



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



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

GENERAL ELECTRIC POWER NOTES

1. ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE, THE GOVERNING ELECTRICAL CODE AND ALL OTHER ELECTRICAL DEPARTMENTS HAVING JURISDICTION. OBTAIN CERTIFICATES OR APPROVAL WHERE REQUIRED. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS. ALL WORK SHALL BE IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS.
2. ALL MATERIALS FURNISHED SHALL BE NEW AND SHALL BE U.L. LISTED.
3. THE DRAWINGS INDICATE SIZE AND GENERAL LOCATION OF WORK. SCALE SHALL BE USED TO DETERMINE THE EXACT LOCATION OF ALL LIGHTING FIXTURES, RECEPTACLES AND ELECTRICAL PANELS. FIELD CONDITIONS SHALL BE DETERMINED BY ACTUAL CONDITIONS IN THE FIELD.
4. PRIOR TO BIDDING, CONTRACTOR SHALL VISIT THE JOB SITE AND FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS.
5. ELECTRICAL CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER TRADES AND WITH OTHER CONTRACTORS WHOSE WORK MAY AFFECT THIS INSTALLATION.
6. ELECTRICAL CONTRACTOR SHALL COORDINATE INCLUDING ELECTRICAL SERVICE WITH UTILITY COMPANY AND INCLUDE IN HIS BID ALL CHARGES AND FEES INCURRED IN MODIFICATIONS.
7. ELECTRICAL CONTRACTOR SHALL COORDINATE THE TELEPHONE INSTALLATION WITH THE TELEPHONE COMPANY AND THE GENERAL CONTRACTOR.
8. ELECTRICAL CONTRACTOR, BEFORE INSTALLING ANY OF THE WORK, SHALL SEE THAT IT DOES NOT INTERFERE WITH CLEARANCES REQUIRED FOR RISER COLUMNS, RIGID CEILING, PLASTER, GYPSONUM WALLS OR OTHER STRUCTURAL ELEMENTS. ALL WORK SHALL BE IN ACCORDANCE WITH THE DESIGN 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.
9. PERFORM TEST REQUIRED BY THE OWNER OR THE ENGINEER IN CONNECTION WITH THE OPERATION OF THE ELECTRICAL SYSTEM IN THE STANDARDS OF THE IEEE AND THE NATIONAL ELECTRICAL CODE.
10. WIRING CONDUITORS SIZE SHALL BE 1/2" (600V INSULATION MINIMUM) SIZE CONDUIT SHALL BE 3/4" (ELECTRICAL METALLIC TUBING (EMT)) FOR INTERIOR USE 3/4" RIGID ALUMINUM FOR EXTERIOR (SEE ABOVE GRADE AND 1" SCHEDULE 40 PVC, BURIED A MINIMUM OF 18" FOR NON-VEHICULAR TRAFFIC AREAS. FOR CONDUITS BELOW GRADE, EMT SHALL BE USED WITH METAL STUD CONSTRUCTION, USE NMC IN WOOD CONSTRUCTION. 6 FT LENGTH MC CABLE IS ALLOWED ABOVE PROFFED CEILING. INTERIOR FITTINGS SHALL BE CAST IRON OR BRASS (SEE NOTES).
11. ALL BRANCH CIRCUITS SERVING PATIENT CARE AREAS SHALL BE IN A SEPARATE RACEDAN SYSTEM OR MEDICAL GRADE 1/2" CABLE (SEE A51.119(A)).
12. CONTRACTOR SHALL INSTALL WIRING AND OTHER CIRCUIT COMPONENTS TO MATCH EQUIPMENT ACTUALLY INSTALLED.
13. ALL 120V RING LONGER THAN 60 FEET SHALL BE 1/2" ANG AND 271V RINGS LONGER THAN 150 FEET SHALL BE 1/2" ANG (SEE 509) NOTED OTHERWISE.
14. INSTALL GROUND FAULT RECEPTACLES AT RECEPTACLE LOCATIONS WITHIN 5' OF SINKS OR LAVATORIES, AND AT EXTERIOR LOCATIONS. EXTERIOR RECEPTACLES SHALL ALSO BE WATERPROOF.
15. INSTALL SPECIAL PROTECTIVE RECEPTACLE COVERS IN ALL WAITING AREAS OCCUPIED BY CHILDREN 6 YEARS OF AGE AND UNDER.
16. BONDING AND GROUNDING SHALL BE IN ACCORDANCE WITH NFPA 70:200-68, NFPA 250-23, 250-71 & 250-72.
17. GROUND NEUTRAL IN ACCORDANCE WITH NFPA 10:250-286.
18. EXTERIOR LIGHTING SHALL BE SHARED OR UNWAKEY 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 ADJUTING PROPERTY LINE.
19. ALL ELECTRICAL, MECHANICAL AND PLUMBING PENETRATING FIRE PARTITIONS SHALL BE FIRE CALKED. PENETRATIONS THROUGH RATED PARTITIONS SHALL BE SEALED WITH A MINERAL CARRIER OR OTHER FIRE RESISTANT MATERIAL. ALL PENETRATIONS SHALL BE TESTED IN ACCORDANCE WITH ASTM E914.

LEGEND

- EMERGENCY LIGHT FIXTURE - WALL MOUNTED
- EXT LIGHT FIXTURE - WALL MOUNTED
- CLING MTD FLUOR STRIP
- WALL MOUNTED LIGHT FIXTURE
- ELECTRIC PANEL BOARD
- CIRCUIT HOPE RUN
- ⊕ LIGHT SWITCH 120V COMMERCIAL GRADE
- ⊕ LIGHT SWITCH - 3-WAY 120V COMMERCIAL GRADE
- ⊕ STANDARD 120V RECEPTACLE (Light W/P WHERE NEEDED)

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E101

POWER & LIGHTING PLAN

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