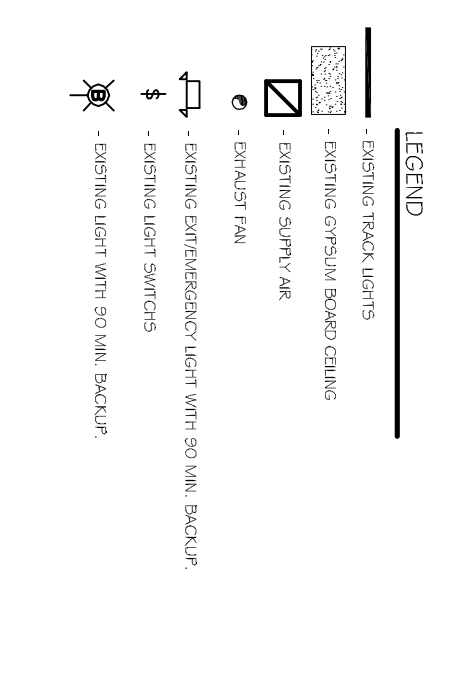
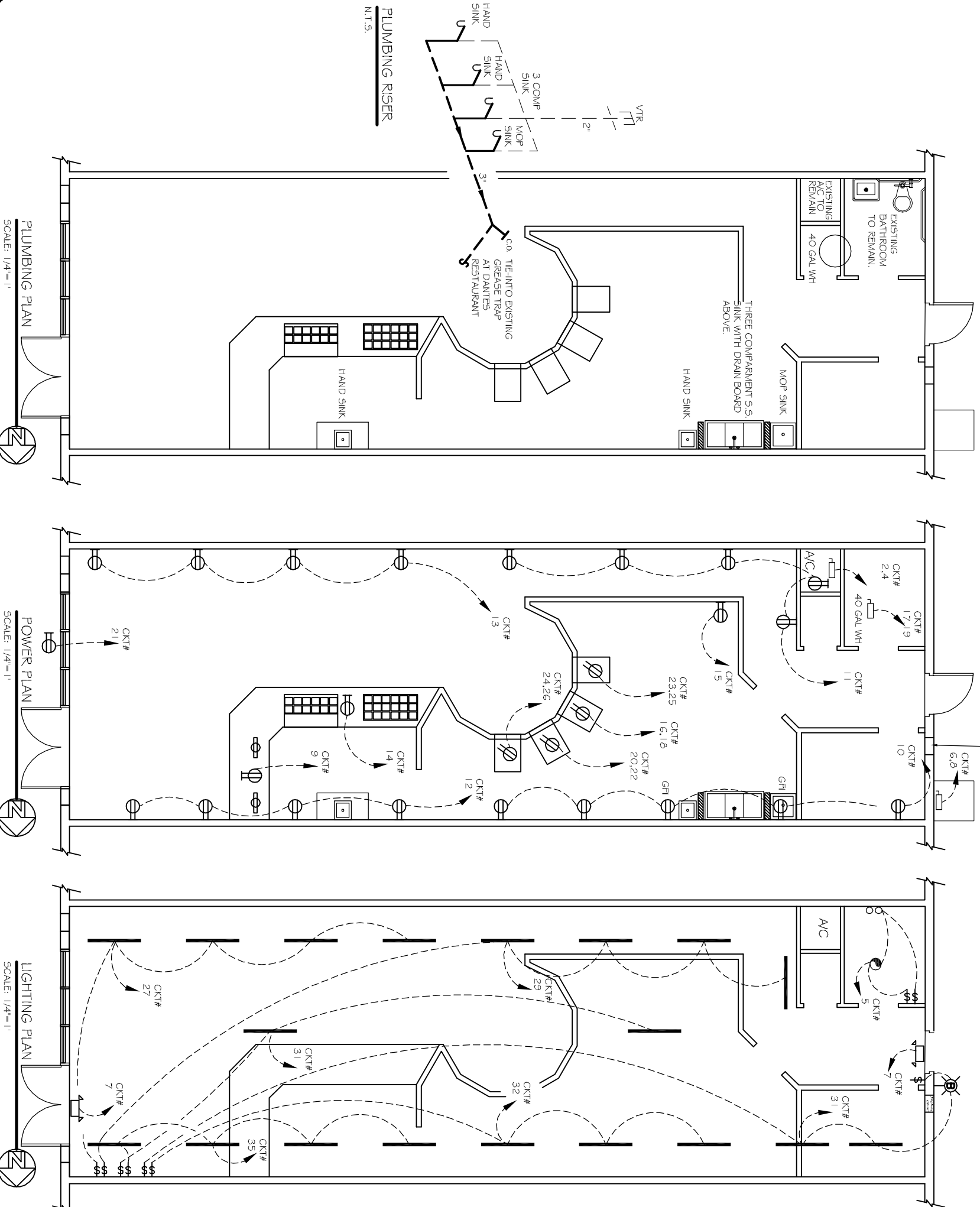


**PLUMBING NOTES**

1. PROVIDE ALL LABOR, MATERIAL AND EQUIPMENT FOR A COMPLETE OPERATING SYSTEM. THE SYSTEM SHALL INCLUDE HOT AND COLD WATER PIPING, SEWER AND VENT PIPING, INSULATION, WATER HEATER, HANGERS, VALVES, SUPPORTS WITHOUT ANY RESTRICTIONS TO COLUMN, CUT AND PATCH AS REQUIRED TO INSTALL PIPES.
2. ALL WORK AND MATERIAL SHALL CONFORM STRICTLY TO THE LATEST LOCAL, CITY, PARISH, STATE AND NATIONAL GOVERNING CODES.
3. CONTRACTOR IS TO FIELD VERIFY ALL EXISTING UTILITY LOCATIONS, ELEVATIONS AND SIZES PRIOR TO COMMENCING ANY WORK. CONTRACTOR SHALL PAY NECESSARY FEES FOR THE UTILITIES CONNECTIONS. CONTRACTOR IS RESPONSIBLE TO VERIFY THE EXISTING INVERTS AND SET NEW INVERTS OF SEWERAGE AND DRAINAGE PIPES.
4. SEWERAGE LINES 3-INCH AND SMALLER SHALL BE SLOPED  $\frac{1}{8}$ " PER FOOT AND LINE 4-INCH AND LARGER SHALL BE  $\frac{1}{4}$ " PER FOOT.
5. TEST ALL PIPING AT REQUIRED PRESSURE.
6. TEST ALL PIPING TO BE CLOSETLY COORDINATED WITH STRUCTURAL SYSTEM, MECHANICAL SYSTEM AND ELECTRICAL TO INSURE NO TRADES WILL CONFLICT WITH EACH OTHER.
7. DO NOT SCALE DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR DACT LOCATIONS OF DOORS, WINDOWS, WALLS, FIXTURES, ETC.
8. ALL WATER MAINS AND PIPING NOT SHOWN FOR CLARITY, ALL LOCATIONS FIELD VERIFIED.
9. DOMESTIC HOT AND COLD WATER PIPING AND FITTINGS UNDER SLAB SHALL BE ASTM B88 COPPER WATER TUBE, TYPE K, SOFT ANNEALED. NO JOINTS SHALL BE ALLOWED UNDER THE SLAB.
10. DOMESTIC WATER PIPING AND FITTINGS ABOVE THE SLAB SHALL BE ASTM B88 COPPER WATER TUBE, TYPE L, HARD DRAWN WITH COPPER PRESSURE TYPE FITTINGS, ANSI B16.22. THE JOINTS SHALL BE SOLDERED USING ASTM B32, ALLOY GRADE 95A (95-5) SOLDER.
11. SOIL, WASTE, VENT PIPING AND FITTINGS ABOVE THE SLAB SHALL BE SERVICE WEIGHT CAST IRON PIPE WITH BELT AND SPIGOT ENDS AND ONE PIECE NEOPRENE INSERT TYPE GASKET. USE PVC SCHEDULE 40 OR A53 DWV PIPES AND FITTINGS WHERE PERMITTED BY CODE.
12. ALL WATER PIPING AND FITTINGS ABOVE THE FLOOR SHALL BE INSULATED WITH  $\frac{1}{2}$ " THICK FIBERGLASS INSULATION AND JACKET.
13. ALL ELECTRICAL, MECHANICAL AND PLUMBING PENETRATING FIRE PARTITIONS SHALL BE FIRE CALULATED. 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(E114).
14. ALL PLUMBING LINES SHOWN ARE DIAGRAMATIC.

**ELECTRICAL NOTES**

1. ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE, THE GOVERNING ELECTRICAL CODE AND ALL OTHER INSPECTOR DEPARTMENT'S HAVING JURISDICTION. OBTAIN CERTIFICATES OR APPROVAL WHERE REQUIRED.
2. ALL MATERIALS FURNISHED SHALL BE NEW AND SHALL BE U.L. LISTED.
3. ALL WIRING SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE. NOT BEHIND THE WALL AND LOCATION OF ALL WIRING TRUNKS, 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.
4. THE ELECTRICAL CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER TRADES AND WITH OTHER CONTRACTORS WHOSE WORK MAY AFFECT THIS INSTALLATION.
5. CONTRACTOR SHALL PROVIDE ALL NECESSARY ELECTRICAL SERVICE WITH UTILITY ELECTRICAL SERVICE TO BE PROVIDED BY THE UTILITY COMPANY.
6. 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.
7. ELECTRICAL CONTRACTOR SHALL COORDINATE THE TELEPHONE INSTALLATION WITH THE TELEPHONE COMPANY AND THE GENERAL CONTRACTOR.
8. ELECTRICAL CONTRACTOR SHALL COORDINATE THE WORK SHALL SEE THAT IT DOES NOT INTERFERE WITH OTHER WORK. ALL WIRING SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE.
9. ALL WORK IS TO BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE. IF ANY WORK IS INSTALLED 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.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE ELECTRICAL SYSTEM IN THE BUILDING.
11. ALL TESTS SHALL BE MADE IN ACCORDANCE WITH THE LATEST STANDARD OF THE IEEE AND THE NATIONAL ELECTRICAL CODE.
12. MINIMUM CONDUCTOR SIZE SHALL BE #12, 600V INSULATION. MINIMUM SIZE CONDUIT SHALL BE  $\frac{1}{2}$ " SMT FOR INTERIOR USE, AND  $\frac{1}{2}$ " RIGID ALUMINUM OR PVC SCHEDULE 40 FOR EXTERIOR USE. USE THE NEC CABLE CODE FOR LIGHT AND RECEPTACLE CIRCUITS. EXTERIOR FITTINGS SHALL STAMPED BOXES MAY BE USED ABOVE CEILING IN AIR CONDITIONED SPACES, WHERE LAWN FIXTURES ARE IN USE. USE 1/4" 2 ALLOWED FOR 6" W/PTH.
13. CONTRACTOR SHALL VERIFY ALL WIRING AND OTHER CIRCUIT COMPONENTS TO MATCH EQUIPMENT ACTUALLY INSTALLED.
14. INSTANT GROUND FAULT RECEPTACLES AT RECEPTACLE LOCATIONS WITHIN 5' OF SINKS OR BATHROOMS, AND AT EXTERIOR LOCATIONS. EXTERIOR RECEPTACLES SHALL ALSO BE WIREPROOF # 250/22 AND GROUNDING SHALL BE IN ACCORDANCE WITH NFPA 70:250.63, NFPA 250:63, 250:71 AND 250:72.
15. GROUND NEUTRAL IN ACCORDANCE WITH NFPA 70:250.23-25.
16. PROVIDE SERVICES OF A FRESWONE DETECTION AND ALARM COMPANY TO DESIGN AND INSTALL ALARM SYSTEM TO MEET REQUIREMENTS OF THE STATE FIRE MARSHALL.
17. 5/16" SHALL BE TTT CLASS K5, 250 VOLT, 200,000 AMP INTERRUPTING CAP.
18. PROVIDE SERVICES OF A FRESWONE DETECTION AND ALARM COMPANY TO DESIGN AND INSTALL ALARM SYSTEM TO MEET REQUIREMENTS OF THE STATE FIRE MARSHALL.
19. DIRECT LIGHTING OR GLASS IS CAST BEYOND THE PROPERTY LINE. THE INTENSITY OF SUCH LIGHTING SHALL NOT EXCEED ONE "FOOT CANDLE AS MEASURED AT THE ADJUTING PROPERTY LINE.
20. ALL ELECTRICAL, MECHANICAL AND PLUMBING PENETRATING FIRE PARTITIONS SHALL BE FIRE CALULATED. 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(E114).
21. THE ELECTRICAL SHALL INSTALL A GROUND FAULT CIRCUIT INTERRUPTER (GFCI) FOR ALL RECEPTACLES AND RIGID ELECTRICAL EQUIPMENT IN ALL PATIENT AREAS.
22. THE ELECTRICAL SHALL CONNECT THE GROUNDING TERMINALS OF ALL RECEPTACLES AND ALL NON-CURRENT-CARRYING CONDUCTIVE SURFACES OF FIXED ELECTRICAL EQUIPMENT UNLESS TO SECOND ENERGIZED THAT ARE SUBJECT TO PERSONAL CONTACT OPERATING AT OVER 100 VOLTS UTILIZING AN INSULATED COPPER CONDUCTOR IN ALL AREAS USED FOR PATIENT CARE.



NO.	DESCRIPTION	AMPS	VOLTS	PHASE	TYPE	LOCATION	NO.	DESCRIPTION	AMPS	VOLTS	PHASE	TYPE	LOCATION	NO.
1	SPACE	-	-	-	-	103	103	RECEPTACLE	-	-	-	-	103	1
2	EXISTING TRACK LIGHTS	20	120	1	103	103	103	RECEPTACLE	20	120	1	103	103	2
3	EXISTING TRACK LIGHTS	20	120	1	103	103	103	RECEPTACLE	20	120	1	103	103	3
4	EXISTING TRACK LIGHTS	20	120	1	103	103	103	RECEPTACLE	20	120	1	103	103	4
5	EXISTING TRACK LIGHTS	20	120	1	103	103	103	RECEPTACLE	20	120	1	103	103	5
6	EXISTING TRACK LIGHTS	20	120	1	103	103	103	RECEPTACLE	20	120	1	103	103	6
7	EXISTING TRACK LIGHTS	20	120	1	103	103	103	RECEPTACLE	20	120	1	103	103	7
8	EXISTING TRACK LIGHTS	20	120	1	103	103	103	RECEPTACLE	20	120	1	103	103	8
9	EXISTING TRACK LIGHTS	20	120	1	103	103	103	RECEPTACLE	20	120	1	103	103	9
10	EXISTING TRACK LIGHTS	20	120	1	103	103	103	RECEPTACLE	20	120	1	103	103	10
11	EXISTING TRACK LIGHTS	20	120	1	103	103	103	RECEPTACLE	20	120	1	103	103	11
12	EXISTING TRACK LIGHTS	20	120	1	103	103	103	RECEPTACLE	20	120	1	103	103	12
13	EXISTING TRACK LIGHTS	20	120	1	103	103	103	RECEPTACLE	20	120	1	103	103	13
14	EXISTING TRACK LIGHTS	20	120	1	103	103	103	RECEPTACLE	20	120	1	103	103	14
15	EXISTING TRACK LIGHTS	20	120	1	103	103	103	RECEPTACLE	20	120	1	103	103	15
16	EXISTING TRACK LIGHTS	20	120	1	103	103	103	RECEPTACLE	20	120	1	103	103	16
17	EXISTING TRACK LIGHTS	20	120	1	103	103	103	RECEPTACLE	20	120	1	103	103	17
18	EXISTING TRACK LIGHTS	20	120	1	103	103	103	RECEPTACLE	20	120	1	103	103	18
19	EXISTING TRACK LIGHTS	20	120	1	103	103	103	RECEPTACLE	20	120	1	103	103	19
20	EXISTING TRACK LIGHTS	20	120	1	103	103	103	RECEPTACLE	20	120	1	103	103	20
21	EXISTING TRACK LIGHTS	20	120	1	103	103	103	RECEPTACLE	20	120	1	103	103	21
22	EXISTING TRACK LIGHTS	20	120	1	103	103	103	RECEPTACLE	20	120	1	103	103	22
23	EXISTING TRACK LIGHTS	20	120	1	103	103	103	RECEPTACLE	20	120	1	103	103	23
24	EXISTING TRACK LIGHTS	20	120	1	103	103	103	RECEPTACLE	20	120	1	103	103	24
25	EXISTING TRACK LIGHTS	20	120	1	103	103	103	RECEPTACLE	20	120	1	103	103	25
26	EXISTING TRACK LIGHTS	20	120	1	103	103	103	RECEPTACLE	20	120	1	103	103	26
27	EXISTING TRACK LIGHTS	20	120	1	103	103	103	RECEPTACLE	20	120	1	103	103	27
28	EXISTING TRACK LIGHTS	20	120	1	103	103	103	RECEPTACLE	20	120	1	103	103	28
29	EXISTING TRACK LIGHTS	20	120	1	103	103	103	RECEPTACLE	20	120	1	103	103	29
30	EXISTING TRACK LIGHTS	20	120	1	103	103	103	RECEPTACLE	20	120	1	103	103	30
31	EXISTING TRACK LIGHTS	20	120	1	103	103	103	RECEPTACLE	20	120	1	103	103	31
32	EXISTING TRACK LIGHTS	20	120	1	103	103	103	RECEPTACLE	20	120	1	103	103	32
33	EXISTING TRACK LIGHTS	20	120	1	103	103	103	RECEPTACLE	20	120	1	103	103	33
34	EXISTING TRACK LIGHTS	20	120	1	103	103	103	RECEPTACLE	20	120	1	103	103	34
35	EXISTING TRACK LIGHTS	20	120	1	103	103	103	RECEPTACLE	20	120	1	103	103	35

**DAMMON ENGINEERING, INC.**  
 CHIEF ENGINEER  
 EMMETT DAMMON, P.E.  
 CHIEF ARCHITECT  
 ROBERT WILTSE

554 OLD SPANISH TRAIL  
 SLUDEL, LA 70458  
 OFFICE: 985-649-5932  
 FAX: 985-641-5950

WWW.DAMMONENGINEERING.COM  
 EMAIL: DAMMONENG@BELL.SOUTH.NET

**MAD SWIRLS**  
 3917 PONTCHARTRAIN DR.  
 SUITE 3  
 SLUDEL, LA 70458

**ELECTRICAL PLUMBING PLAN**

REV: \_\_\_\_\_

SCALE: AS NOTED

JOB#: 2110

DATE: 05-02-11

SHEET 3

**E/P-1**

OF 3