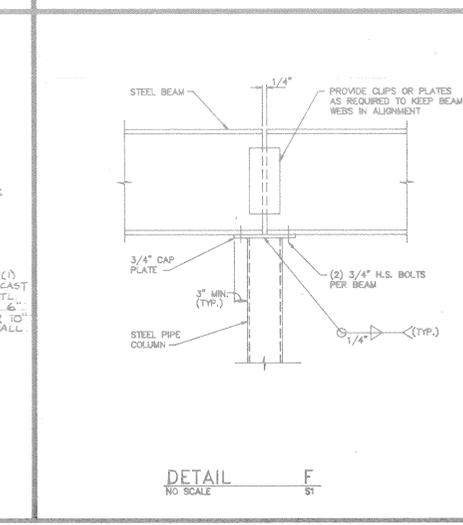
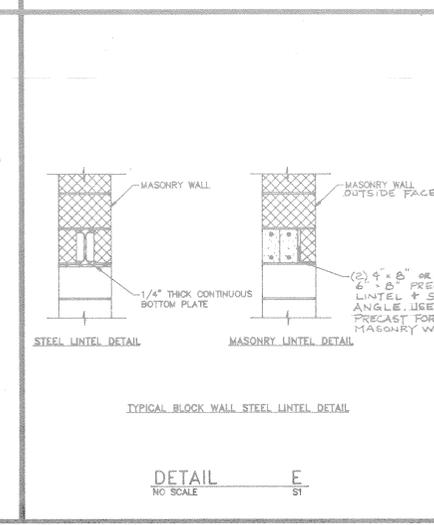
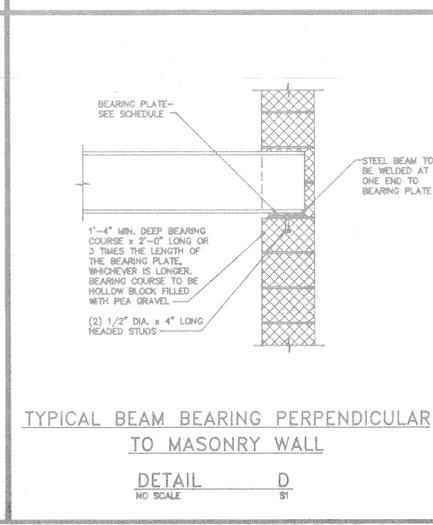
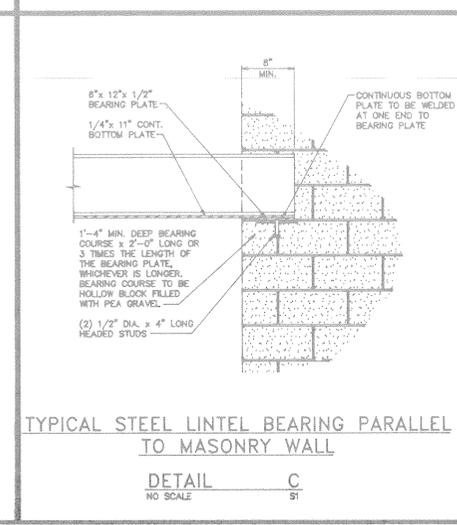
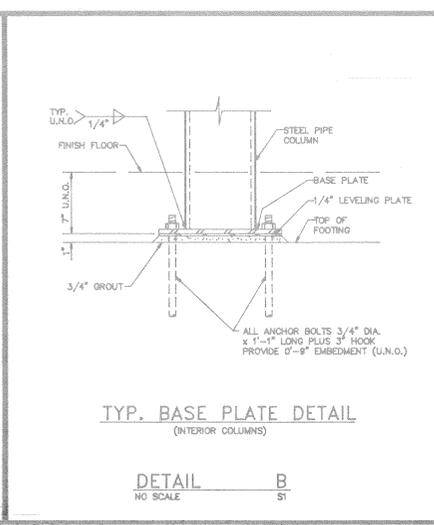
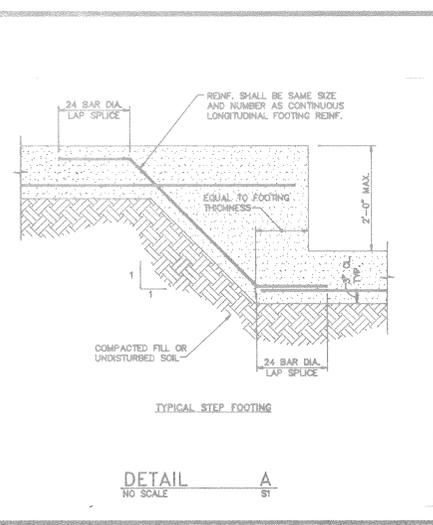
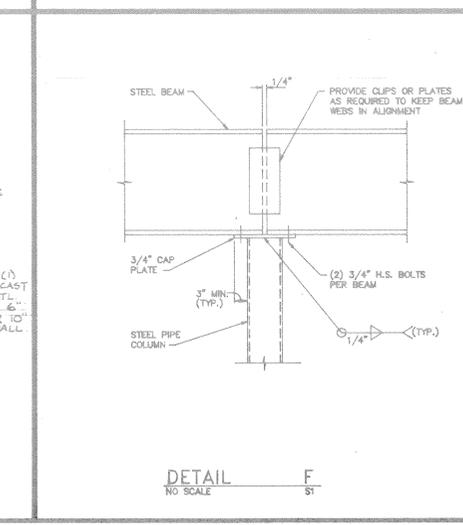
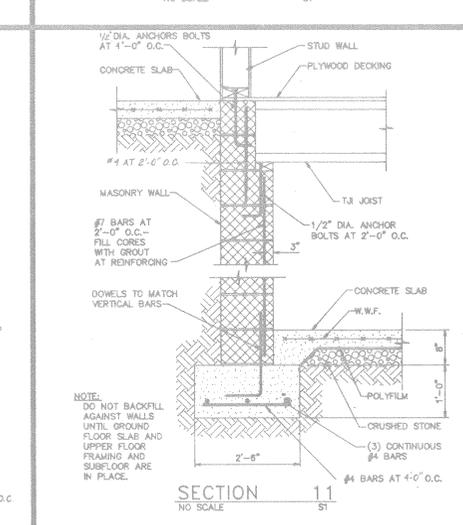
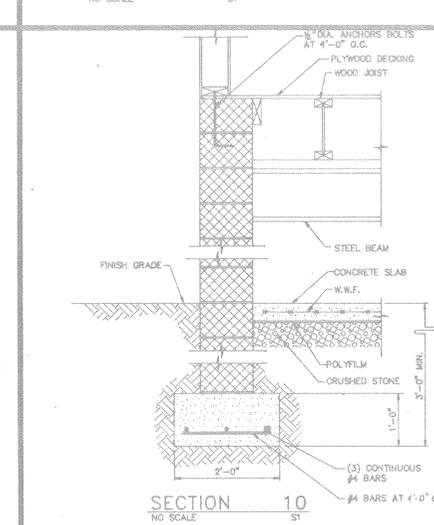
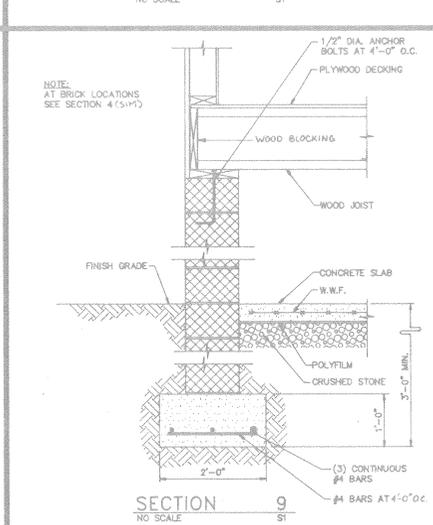
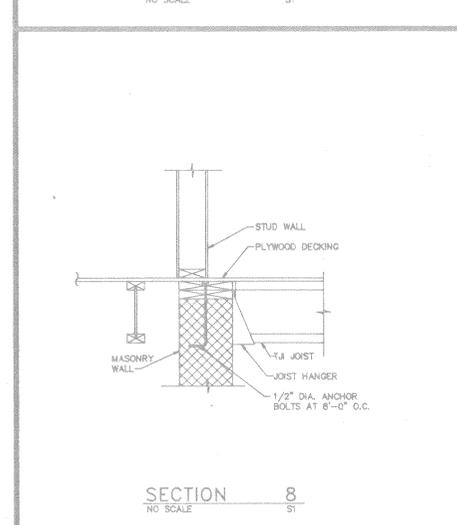
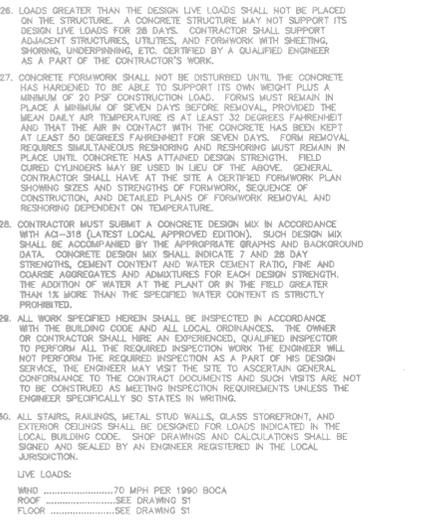
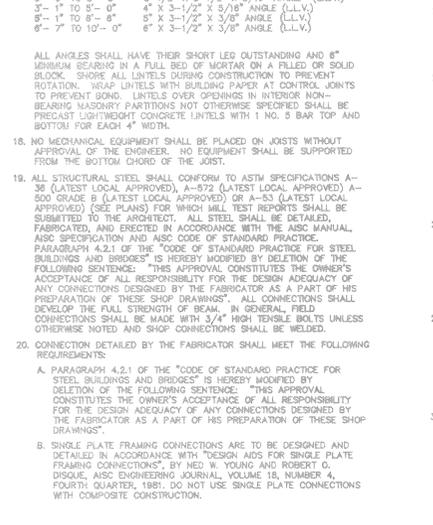
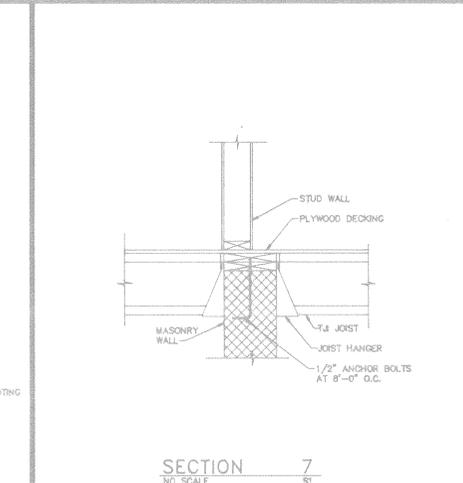
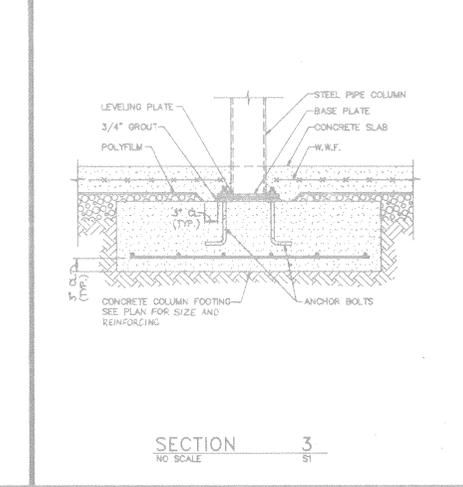
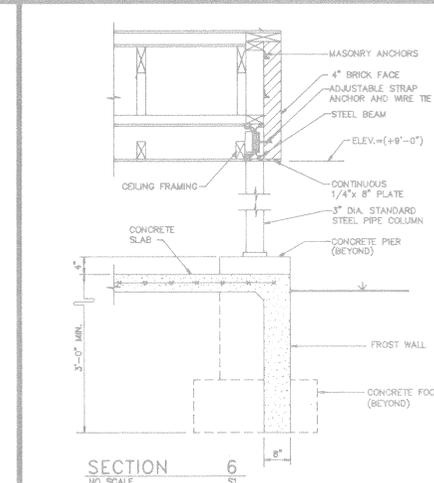
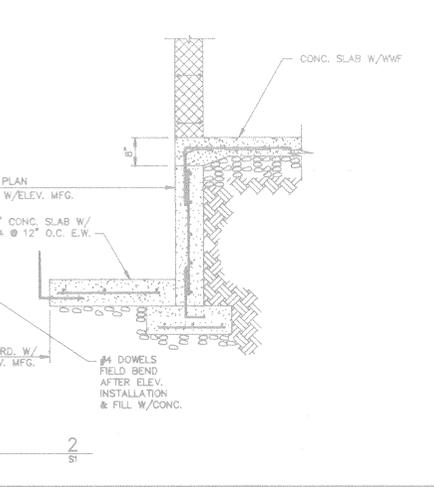
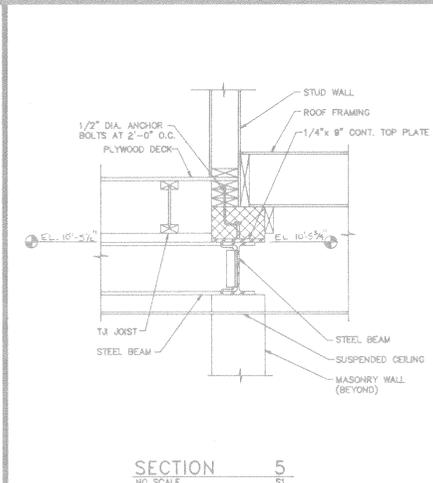
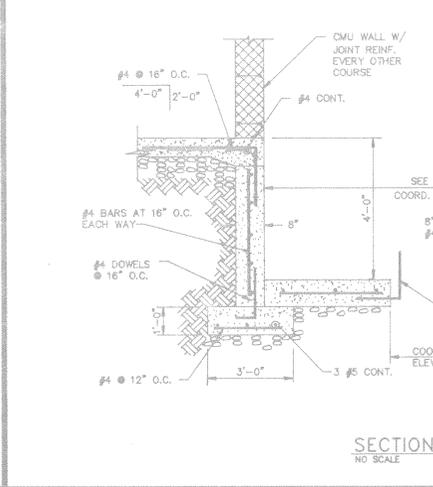
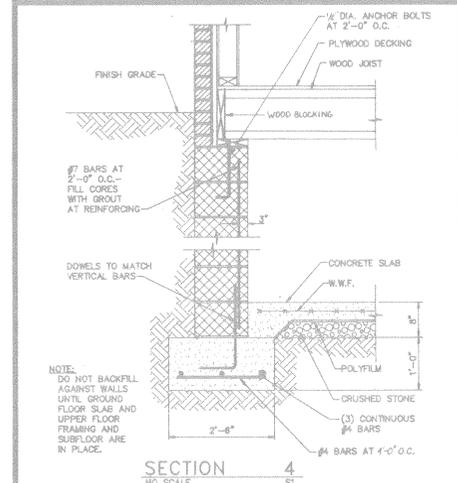
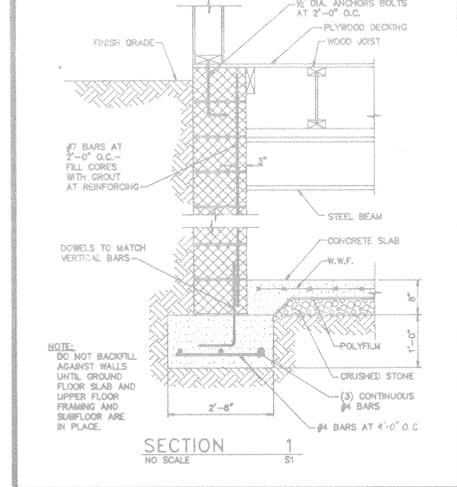


FOOTINGS

- FOOTINGS ARE DESIGNED FOR AN ASSUMED BEARING CAPACITY OF 4000 PSF BY THE LICENSED GEOTECHNICAL REPORT CONTRACT NUMBER PAR155 DATED SEPT 15, 1988. FOOTINGS SHALL BEAR ON NATURAL UNDISTURBED SOIL 1'-0" BELOW ORIGINAL GRADE OR CONTROLLED FILL BOTTOM OF EXTERIOR FOOTINGS. CONTRACTOR SHALL BE A MEMBER OF 3'-0" OF FINISHED GRADE. CONTRACTOR SHALL VERIFY SOIL PRESSURE IN THE FIELD AS SHOWN TO BE LESS THAN 3000 PSF. THE FOOTINGS WILL HAVE TO BE REDESIGNED, REFER TO GEOTECHNICAL REPORT FOR SITE PREPARATION.
- ALL FILL UNDER SLABS ON GROUND SHALL BE COARSE GRANULAR MATERIAL COMPACTED TO 95% OF MAXIMUM DENSITY AT OPTIMUM WATER CONTENT. ALL SLABS ON GROUND SHALL HAVE PANELS POURED PER 4'-0" X 8'-0" (LATEST LOCAL APPROVED EDITION), SECTION 8.4.1 OR ALL SLABS ON GROUND SHALL BE POURED CONTINUOUSLY BY USING A PREMOULDED KEVED METAL JOINT TO FORM BEAMS NOT EXCEEDING 400 FT.
- DO NOT BACKFILL AGAINST WALLS UNTIL GROUND SLABS, UPPER FLOOR FRAMING AND PLYWOOD SUBFLOOR ARE IN PLACE.
- SLABS ON GROUND SHALL BE 4" THICK CONCRETE REINFORCED WITH 8 X 8 @ 12" X 12" W/WF OVER 8 MIL VAPOR BARRIER AND 4" CRUSHED STONE UNDERSTAIR STEPS.
- WELDED WIRE FABRIC SHALL HAVE ENDS LAPPED ONE FULL MESH AND SHALL EXTEND INTO SUPPORTING BEAMS OR WALLS EXCEPT AT SLABS ON GROUND.
- ALL CONCRETE, EXCEPT AS NOTED, SHALL BE (FC=3000 PSI) STONE AGGREGATE CONCRETE AT 28 DAYS. MAXIMUM SLUMP SHALL BE 4" UNLESS OTHERWISE NOTED. CONCRETE SHALL BE PROVIDED WITH 4% TO 6% ENTRAINED AIR IN ACCORDANCE WITH ACI 318 CHAPTER 4.
- EXCEPT AS NOTED, ALL REINFORCING SHALL BE HIGH STRENGTH NEW BILLET STEEL CONFORMING TO ASTM DESIGNATION A-615-82 (FY=60,000 PSI). ALL STIRRUPS AND TIES SHALL BE NEW INTERMEDIATE GRADE STEEL CONFORMING TO ASTM DESIGNATION A-615-82 (FY=40,000 PSI). ALL REINFORCING SHALL BE DETAIL, FABRICATED, AND PLACED IN ACCORDANCE WITH THE ACI'S "MANUAL OF STANDARD PRACTICE FOR DETAILING CONCRETE STRUCTURES" (ACI-318, LATEST LOCAL APPROVED EDITION).
- ALL SPLICES IN REINFORCING SHALL BE CLASS "C" SPLICES IN ACCORDANCE WITH ACI-318 (LATEST LOCAL APPROVED EDITION) EXCEPT AS NOTED ON THE PLANS. BEND HORIZONTAL WALL REINFORCING 1'-0" MINIMUM AROUND ALL CORNERS OR PROVIDE 4'-0" LONG CORNER BARS TO MATCH HORIZONTAL REINFORCING.
- UNLESS OTHERWISE NOTED IN STRUCTURAL DRAWINGS, PROVIDE CONCRETE PROTECTION FOR REINFORCING AS FOLLOWS:
CAST AGAINST EARTH 3"
- CONSTRUCTION JOINTS IN WALLS, BEAMS, AND SLABS SHALL BE LOCATED MIDWAY BETWEEN SUPPORTS EXCEPT THAT WHERE AN INTERSECTING MEMBER OCCURS AT MIDSPAN, THE JOINT SHALL BE OFFSET TWICE THE WIDTH OF THE INTERSECTING MEMBER. BEFORE FRESH CONCRETE IS POURED AGAINST CONCRETE IN PLACE, THE CONTACT SURFACES OF CONCRETE IN PLACE SHALL BE THOROUGHLY CLEANED, ALL LANTAGE SHALL BE REMOVED AND THE CONTACT SURFACES SHALL BE THOROUGHLY SLEIGHT WITH GROUT CONSISTING OF ONE PART SAND TO ONE PART CEMENT WITH A MINIMUM AMOUNT OF WATER.
- ALL FORMWORK SHALL BE IN ACCORDANCE WITH THE AMERICAN CONCRETE INSTITUTE "FORMWORK FOR CONCRETE", SPECIAL PUBLICATION NO. 4 AND ACI'S "STANDARD RECOMMENDED PRACTICE FOR CONCRETE FORMWORK" (ACI - 347, LATEST LOCAL APPROVED EDITION).
- CONCRETE MASONRY SHALL CONFORM TO THE LATEST EDITION OF ASTM SPECIFICATIONS C-90 TYPE N (FOR BLOCK) AND C-95 TYPE N (FOR BRICK). CONCRETE MASONRY TO BE USED SHALL BE SAMPLED AND TESTED BY THE MASONRY SUPPLIER ACCORDING TO ASTM C-140 AND TESTS SUBMITTED TO THE ENGINEER FOR APPROVAL. ALL CONCRETE MASONRY CONSTRUCTION SHALL CONFORM TO ACI 530.1. "SPECIFICATIONS FOR MASONRY STRUCTURES" IN ALL RESPECTS. MINIMUM F_m = 1500 PSI AT 28 DAYS.
- ALL MORTAR SHALL CONFORM TO ASTM C-270. MORTAR TO BE USED SHALL BE SAMPLED AND TESTED BY THE BRICK AND MASONRY SUPPLIERS ACCORDING TO THE ASTM C-91 and TESTS SUBMITTED TO THE ENGINEER FOR APPROVAL. MORTAR SHALL BE TYPE "S" AS A MINIMUM.
- ALL GROUT SHALL CONFORM TO ASTM C-270. GROUT SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI AT 28 DAYS AS DETERMINED BY THE APPLICABLE PROVISIONS OF ASTM C-270.
- ALL MASONRY WALLS SHALL HAVE STANDARD GALVANIZED TRUSS TYPE JOINT REINFORCING AT 18" O.C. WITH PRECAST CORNER AND TEE PIECES. SPLICES SHALL LAP 8" MINIMUM UNLESS OTHERWISE NOTED.
- ADJUSTABLE WALL TIES AND BEAM ANCHORS SHALL BE 3/16" DIAMETER GALVANIZED STEEL WIRE AND CONFORM TO ASTM A62 AND ASTM A153. PROVIDE FULL HEIGHT CONTROL JOINTS IN MASONRY WALLS WHERE SHOWN ON THE DRAWINGS (MAXIMUM 40'-0" O.C.).
- LOOSE LINTELS FOR MASONRY WALLS SHALL BE AS FOLLOWS FOR EACH 4" WIDTH (UNLESS SHOWN OTHERWISE ON THE PLANS):
0'-0" to 3'-0" 3-1/2" x 3-1/2" x 5/16" ANGLE (L.L.V.)
3'-1" to 8'-0" 4" x 3-1/2" x 5/16" ANGLE (L.L.V.)
8'-1" to 8'-8" 5" x 3-1/2" x 3/8" ANGLE (L.L.V.)
8'-7" to 10'-0" 6" x 3-1/2" x 3/8" ANGLE (L.L.V.)
- ALL ANGLES SHALL HAVE THEIR SHORT LEG OUTSTANDING AND 6" MINIMUM BEARING IN A FULL BIRD OF MORTAR ON A FILLED OR SOLID BLOCK. SHORE ALL LINTELS DURING CONSTRUCTION TO PREVENT ROTATION. WELAP SPLICES WITH BUILDING PAPER AT CONTROL JOINTS TO PREVENT BOARD. LINTELS OVER OPENINGS IN INTERIOR NON-BEARING MASONRY PARTITIONS NOT OTHERWISE SPECIFIED SHALL BE PRECAST LIGHTWEIGHT CONCRETE LINTELS WITH 1 NO. 5 BAR TOP AND BOTTOM FOR EACH 4" WIDTH.
- NO MECHANICAL EQUIPMENT SHALL BE PLACED ON JOISTS WITHOUT APPROVAL OF THE ENGINEER AND EQUIPMENT SHALL BE SUPPORTED FROM THE BOTTOM CHORD OF THE JOIST.
- ALL STRUCTURAL STEEL SHALL CONFORM TO ASTM SPECIFICATIONS A-36 (LATEST LOCAL APPROVED), A-572 (LATEST LOCAL APPROVED) A-500 GRADE B (LATEST LOCAL APPROVED) OR A-53 (LATEST LOCAL APPROVED) (SEE PLANS) FOR WHICH MILL TEST REPORTS SHALL BE SUBMITTED TO THE ARCHITECT. ALL STEEL SHALL BE DETAIL, FABRICATED, AND ERCTED IN ACCORDANCE WITH THE AISC MANUAL, ALSO SPECIFICATION AND AISC CODE OF STANDARD PRACTICE. PARAGRAPH 4.2.1 OF THE "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES" IS HEREBY MODIFIED BY DELETION OF THE FOLLOWING SENTENCE: "THIS APPROVAL CONSTITUTES THE OWNER'S ACCEPTANCE OF ALL RESPONSIBILITY FOR THE DESIGN ACCURACY OF ANY CONNECTIONS DESIGNED BY THE FABRICATOR AS A PART OF HIS PREPARATION OF THESE SHOP DRAWINGS". ALL CONNECTIONS SHALL DEVELOP THE FULL STRENGTH OF BEAM. FIELD CONNECTIONS SHALL BE MADE WITH 3/4" HIGH TENSILE BOLTS UNLESS OTHERWISE NOTED AND SHOP CONNECTIONS SHALL BE HELDED.
- CONNECTION DETAIL BY THE FABRICATOR SHALL MEET THE FOLLOWING REQUIREMENTS:
A. PARAGRAPH 4.2.1 OF THE "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES" IS HEREBY MODIFIED BY DELETION OF THE FOLLOWING SENTENCE: "THIS APPROVAL CONSTITUTES THE OWNER'S ACCEPTANCE OF ALL RESPONSIBILITY FOR THE DESIGN ACCURACY OF ANY CONNECTIONS DESIGNED BY THE FABRICATOR AS A PART OF HIS PREPARATION OF THESE SHOP DRAWINGS".
B. SINGLE PLATE FRAMING CONNECTIONS ARE TO BE DESIGNED AND DETAIL IN ACCORDANCE WITH DESIGN AIDS FOR SINGLE PLATE FRAMING CONNECTIONS, BY NED W. YOUNG AND ROBERT D. DISQUE, AISC ENGINEERING JOURNAL, VOLUME 18, NUMBER 4, FOURTH QUARTER, 1981. DO NOT USE SINGLE PLATE CONNECTIONS WITH COMPOSITE CONSTRUCTION.

- CONNECTIONS OTHER THAN THOSE PERMITTED ABOVE OR DETAILED ON THE CONTRACT DRAWINGS SHALL BE FRICTION TYPE CONNECTIONS.
- CONNECTIONS OTHER THAN THOSE SPECIFIED IN PARAGRAPHS 2), 3), 4), AND 5) ABOVE MAY BE USED PROVIDED THAT COMPLETE STRUCTURAL COMPUTATIONS, SHOWED AND SEALED BY A STRUCTURAL ENGINEER REGISTERED IN PENNSYLVANIA ARE SUBMITTED TO THE ARCHITECT.
- MOMENT RESISTING FRAME CONNECTIONS SHALL BE FRICTION TYPE CONNECTIONS.
- ALL STRUCTURAL STEEL SHALL BE SHOP PAINTED WITH A RUST INHIBITIVE PRIMER. IT WILL NOT BE NECESSARY TO MASK OUT AREAS FOR WELDING AND/OR FRICTION TYPE BOLTED CONNECTIONS, IF ZINC RICH PRIMER CONFORMING TO SPEC 12.00 IS USED.
- FIELD STRUCTURAL STEEL TO BE INSPECTED BY QUALIFIED INSPECTORS APPOINTED BY THE STRUCTURAL ENGINEER. FIELD INSPECTION REPORTS TO BE FILED WITH THE STRUCTURAL ENGINEER WITHIN 5 DAYS OF THE TIME OF THE ACTUAL INSPECTION. INSPECTORS MUST BE NOTIFIED OF ALL PHASES OF CONSTRUCTION BY THE GENERAL CONTRACTOR.
- SHOP DRAWINGS FOR ALL STRUCTURAL ELEMENTS SHOWN ON THE CONTRACT DOCUMENTS MUST BE SUBMITTED BY THE GENERAL CONTRACTOR. IF A CONTRACTOR OR OWNER FAILS TO SUBMIT THE SHOP DRAWINGS, THE FIRM FACILITIES DESIGN, INC. WILL NOT BE RESPONSIBLE FOR THE STRUCTURAL CERTIFICATION AND/OR THE DESIGN OF THE PROJECT.

- AT THE TIME OF SHOP DRAWING SUBMISSION, THE GENERAL CONTRACTOR SHALL STATE IN WRITING ANY DEVIATIONS OR OMISSIONS FROM THE CONTRACT DOCUMENTS. THE GENERAL CONTRACTOR SHALL REVIEW ALL SHOP DRAWINGS BEFORE SUBMISSION AND MAKE ALL CONNECTIONS AS HE DEEMS NECESSARY AND SHALL CERTIFY ON EACH DRAWING AS FOLLOWS:
- SIGNED _____ (FOR GENERAL CONTRACTOR)
- ALL CONCRETE WORK SHALL CONFORM TO THE LATEST APPROVED (BY LOCAL GOVERNMENT) EDITIONS OF THE FOLLOWING A.C.I. AND A.S.T.M. DOCUMENTS:
ACI-301 SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS
ACI-318 CODE OF STANDARD PRACTICE FOR CONCRETE
ACI-208R COMPRESSION TESTS
ACI-308 COLD WEATHER CONCRETE
ACI-315 DETAILING FOR CONCRETE
ACI-347 FORMWORK FOR CONCRETE
ACI-305 HOT WEATHER CONCRETE
ACI-308.1 PROPORTIONS OF CONCRETE
ACI-304 PLACING CONCRETE
ACI-308.2 UNDESIGNED JOINTS
ACI-308.3 READY-MIX CONCRETE
ACI-308.4
ASTM-C-094 FIELD CYLINDER SPECIMENS
ASTM-C-143 SLUMP TEST
ASTM-C-231 AIR CONTENT (WHEN REQUIRED)
ASTM-C-199 CONCRETE TESTING CYLINDERS
ASTM-C-172 SAMPLING FRESH CONCRETE
ASTM-C-42 HARDENED CORES (WHEN REQUIRED)
UPON COMPLETION OF CONCRETE TESTING, THE AGENCY SHALL CERTIFY THEIR RESULTS AS FOLLOWS:
I CERTIFY THAT THE FIELD AND LAB TESTING CONFORMS TO THE ASTM DOCUMENTS AND GOOD PRACTICE.
SIGNED _____ P.E. (FOR AGENCY)
 - LOADS GREATER THAN THE DESIGN LIVE LOADS SHALL NOT BE PLACED ON THE STRUCTURE. A CONCRETE STRUCTURE SHALL NOT SUPPORT ITS DESIGN LIVE LOADS FOR 28 DAYS. CONTRACTOR SHALL SUPPORT ADJACENT STRUCTURES, UTILITIES, AND FORMWORK WITH SHEETING, SHORING, UNDERPINNING, ETC. CERTIFIED BY A QUALIFIED ENGINEER AS A PART OF THE CONTRACTOR'S WORK.
 - CONCRETE FORMWORK SHALL NOT BE DISTURBED UNTIL THE CONCRETE HAS HARDENED TO BE ABLE TO SUPPORT ITS OWN WEIGHT PLUS A MINIMUM OF 20 PSF CONSTRUCTION LOAD. FORMS MUST REMAIN IN PLACE A MINIMUM OF SEVEN DAYS BEFORE REMOVAL, PROVIDED THE MEAN DAILY AIR TEMPERATURE IS AT LEAST 32 DEGREES FAHRENHEIT AND THAT THE AIR IN CONTACT WITH THE CONCRETE HAS BEEN KEPT AT LEAST 50 DEGREES FAHRENHEIT FOR SEVEN DAYS. FORM REMOVAL REQUIRES SIMULTANEOUS RESHORING AND RESHORING MUST REMAIN IN PLACE UNTIL CONCRETE HAS ATTAINED DESIGN STRENGTH. FIELD CURED CYLINDERS MAY BE USED IN LIEU OF THE ABOVE. GENERAL CONTRACTOR SHALL HAVE AT THE SITE A CERTIFIED FORMWORK PLAN SHOWING SIZES AND STRENGTHS OF FORMWORK, SEQUENCE OF CONSTRUCTION, AND DETAILED PLANS OF FORMWORK REMOVAL AND RESHORING DEPENDENT ON TEMPERATURE.
 - CONTRACTOR MUST SUBMIT A CONCRETE DESIGN MIX IN ACCORDANCE WITH ACI-318 (LATEST LOCAL APPROVED EDITION). SUCH DESIGN MIX SHALL BE APPROVED BY THE APPROPRIATE AGENCIES AND BACKGROUND DATA. CONCRETE DESIGN MIX SHALL INDICATE 7 AND 28 DAY STRENGTH, CEMENT CONTENT AND WATER CEMENT RATIO, FINE AND COARSE AGGREGATES AND ADMIXTURES FOR EACH DESIGN STRENGTH. THE ADDITION OF WATER AT THE PLANT OR IN THE FIELD GREATER THAN 1% MORE THAN THE SPECIFIED WATER CONTENT IS STRICTLY PROHIBITED.
 - ALL WORK SPECIFIED HEREIN SHALL BE INSPECTED IN ACCORDANCE WITH THE BUILDING CODE AND ALL LOCAL ORDINANCES. THE OWNER OR CONTRACTOR SHALL HIRE AN EXPERIENCED, QUALIFIED INSPECTOR TO PERFORM ALL THE REQUIRED INSPECTION WORK. THE ENGINEER WILL NOT PERFORM THE REQUIRED INSPECTION AS A PART OF HIS DESIGN SERVICE. THE ENGINEER MAY VISIT THE SITE TO ASCERTAIN GENERAL CONFORMANCE TO THE CONTRACT DOCUMENTS AND SUCH VISITS ARE NOT TO BE CONSTRUED AS MEETING INSPECTION REQUIREMENTS UNDER THE ENGINEER SPECIFICALLY SO STATES IN WRITING.
 - ALL STAIRS, RAILINGS, METAL STUD WALLS, GLASS STOREFRONT, AND EXTERIOR CEILING SHALL BE DESIGNED FOR LOADS INDICATED IN THE LOCAL BUILDING CODE. SHOP DRAWINGS AND CALCULATIONS SHALL BE SIGNED AND SEALED BY AN ENGINEER REGISTERED IN THE LOCAL JURISDICTION.
LIVE LOADS:
WIND 70 MPH PER 1990 BOCA
ROOF SEE DRAWING S1
FLOOR SEE DRAWING S1

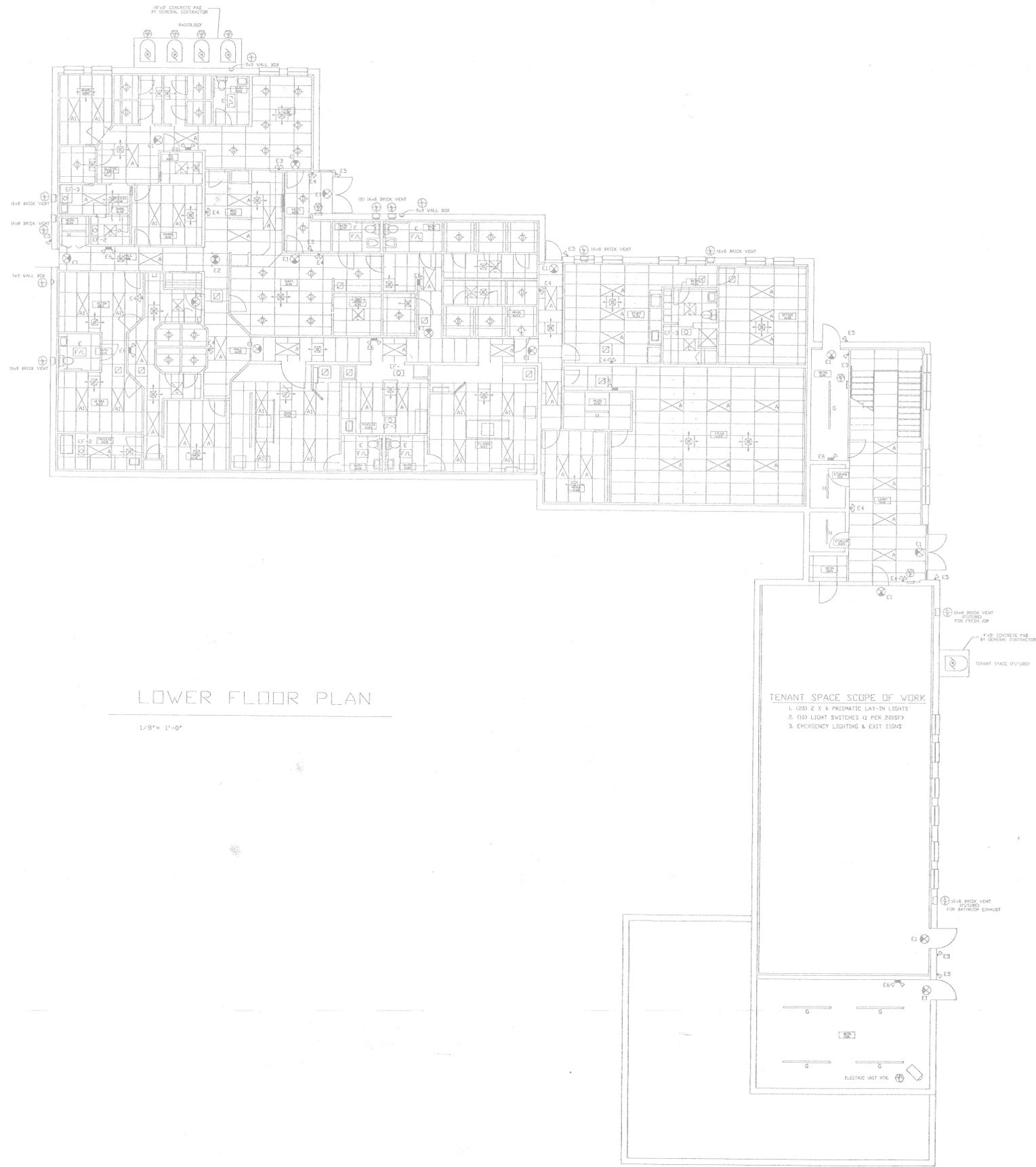


BOWSER
CONSTRUCTION COMPANY

FACILITIES DESIGN, INC.
Full Service Design
802 Old Highway Road
Lancaster, Pennsylvania 17601
Phone (717) 669-1187 (FAX) 669-8266

PHYSICORAL ASSOCIATES
BERT TOWNSHIP, PENNSYLVANIA
NEW MEDICAL OFFICES

DATE: MARCH 26, 1997
DRAWN BY: E.S.E.
CHECKED BY: [Signature]
SCALE: AS NOTED
PROJECT NUMBER: 92221
DRAWING STATUS: P-PREP, F-FINAL
62 0
SHEET NO. REV. NO.



LOWER FLOOR PLAN

1/8" = 1'-0"

TENANT SPACE SCOPE OF WORK

- 1. (20) 2 X 4 PRISMATIC LAY-IN LIGHTS
- 2. (10) LIGHT SWITCHES (3 PER ROOM)
- 3. EMERGENCY LIGHTING & EXIT SIGNS

LIGHT FIXTURE SCHEDULE

TYPE	DESCRIPTION	VOLTS	LAMP		NOTES
			QTY.	TYPE	
A	2X4 LAY-IN, 4-LAMP, PRISMATIC LENSE	120V	4	F40CW	
A1	2X4 LAY-IN, 4-LAMP, PRISMATIC LENSE	120V	4	F40CW	L
B	2X4 SURF. MTD. 4-LAMP, PRISMATIC LENSE	120V	4	F40CW	
C	2X2 LAY-IN, 4-LAMP, PRISMATIC LENSE	120V	4	F20CW	
D	HI-HAT W/ BLACK BAFFLE REFLECTOR	120V	1	75W R-30	
E	FAN-LIGHT COMBINATION	120V	1	100W A19	
F	HI-HAT W/ DROP LENSE	120V	1	100W A19	
G	8" STRIP, SURF. MTD. 2-LAMP	120V	2	F96CW	
H	4" STRIP, SURF. MTD. 2-LAMP	120V	2	F40CW	
I	UTILITY LIGHT, WALL MTD.	120V	1	100W A19	
J	HI-HAT W/ OPEN WHITE REFLECTOR, MH	120V	1	100W E17	
E1	SINGLE FACE EXIT SIGN	12V			
E2	DOUBLE FACE EXIT SIGN	12V			
E3	SINGLE HEAD EMERGENCY FIXTURE	12V			
E4	DOUBLE HEAD EMERGENCY FIXTURE	12V			
E5	SINGLE HEAD WEATHERPROOF EMERGENCY FIXTURE	12V			
E6	EMERGENCY BATTERY PACK, 110W, V/ (2) HEADS	120/12V			

LIGHTING SYMBOL SCHEDULE

SYMBOL	DESCRIPTION	NOTES
[Symbol]	2X4 FLOURESCENT LIGHT	L
[Symbol]	1X4 FLOURESCENT LIGHT	L
[Symbol]	2X2 FLOURESCENT LIGHT	L
[Symbol]	HI-HAT LIGHT	L
[Symbol]	WALL SOURCE LIGHT	L
[Symbol]	INCANDESCENT SURFACE LIGHT	L
[Symbol]	4" FLOURESCENT STRIP LIGHT	L
[Symbol]	8" FLOURESCENT STRIP LIGHT	L
[Symbol]	FAN / LIGHT COMBINATION	L
[Symbol]	EXHAUST FAN	L

NOTES:
 1. DIMMING BALLAST LUTRON MODEL
 2.
 3.

EMERGENCY LIGHTING SYMBOL SCHEDULE

SYMBOL	DESCRIPTION	NOTES
[Symbol]	SINGLE FACE EXIT SIGN	L
[Symbol]	DOUBLE FACE EXIT SIGN	L
[Symbol]	SINGLE HEAD EMERGENCY FIXTURE	L2
[Symbol]	DOUBLE HEAD EMERGENCY FIXTURE	L2
[Symbol]	EMERGENCY BATTERY PACK W/ 2-HEADS	L

1. LETTER DENOTES TYPE.
 2. W/P DENOTES WEATHERPROOF.

SWITCHING SYMBOL SCHEDULE

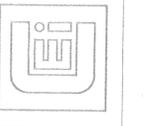
SYMBOL	DESCRIPTION	W/HT. (UNLESS NOTED)
[Symbol]	SINGLE POLE SWITCH	
[Symbol]	THREE WAY SWITCH	
[Symbol]	FOUR WAY SWITCH	
[Symbol]	DIMMER SWITCH	
[Symbol]	THREE WAY DIMMER SWITCH	
[Symbol]	FAN CONTROL SWITCH	
[Symbol]	SINGLE POLE SWITCH W/ PILOT LIGHT	

GENERAL ELECTRICAL NOTES:
 1. DEVICE LOCATIONS TO BE FIELD VERIFIED. COORDINATE WITH EQUIPMENT LOCATIONS.
 2. ALL WORK WILL BE ACCORDING TO THE NATIONAL ELECTRIC CODE.
 3. REFER TO DRAWING E-5 FOR ELECTRICAL PANEL SCHEDULES.

JOB SPECIFICATIONS:
 1. WHERE FIXTURES NEED TO BE ENCLOSED BY FIRE RATED ENCLOSURE, THIS WORK SHALL BE CONDUCTED BY THE GENERAL CONTRACTOR.
 2. WHERE FIXTURES NEED TO BE ENCLOSED BY LEAD SHIELDING, THIS WORK SHALL BE CONDUCTED BY THE GENERAL CONTRACTOR.

NO.	REVISIONS	DATE	BY

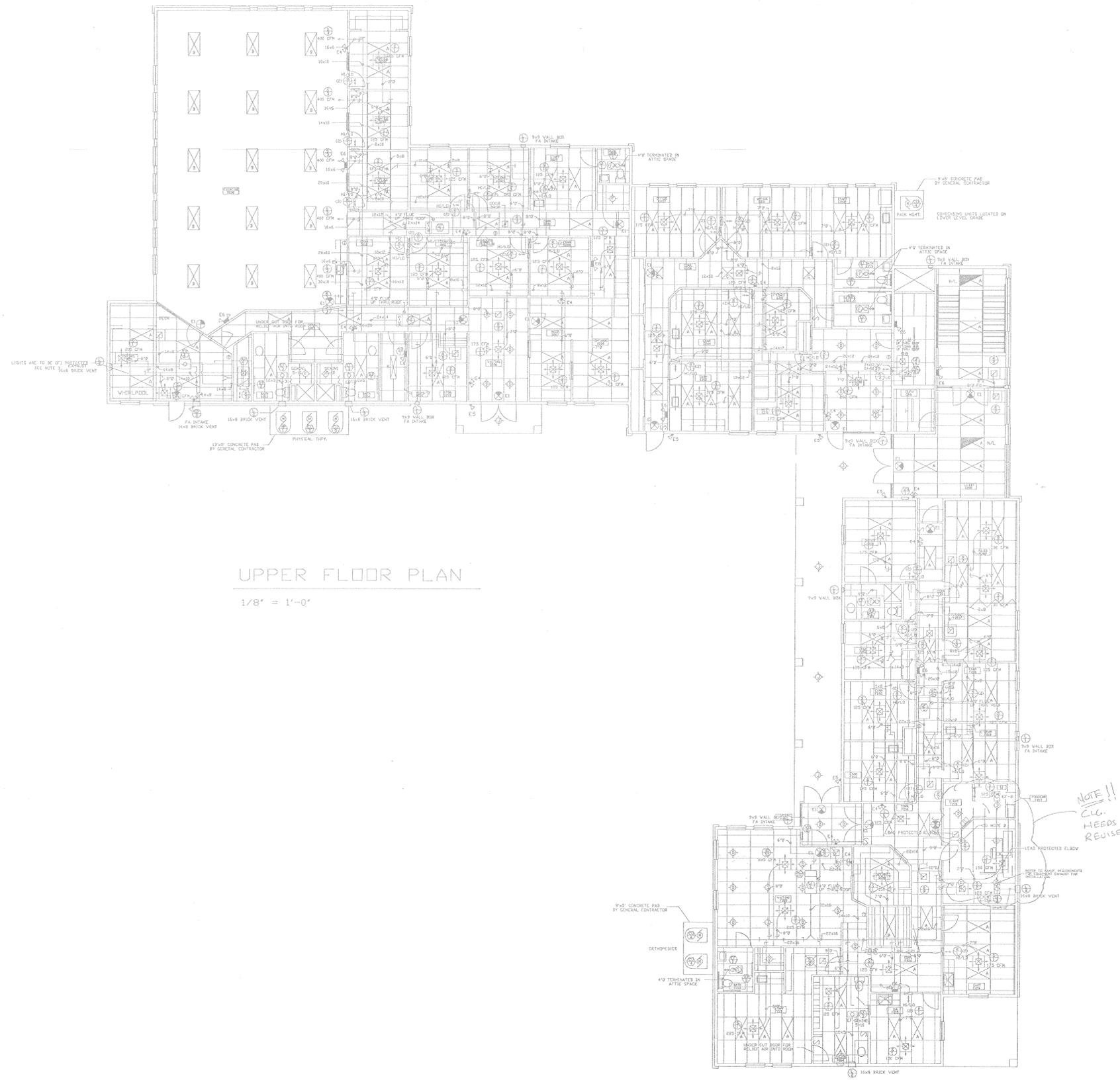
CLARK ELECTRIC INC.
 REPRESENTATIVE - AIR CONDITIONING - ELECTRICAL - INSET VENT
 PUNABURG, PA. 17132
 Phone # 4777687-7616 Fax # 4777687-9665



PHYSORTHORAD ASSOCIATES
 BERRY TOWNSHIP, PENNSYLVANIA
 REFLECTED CEILING PLAN

DRAWN	WM
CHECK	
DATE	11-5-92
SCALE	1/8"=1'0"
JOB NO.	
DWG. NO.	R-1

RECEIVED
 JUL 13 1993
 BOWSER



UPPER FLOOR PLAN
1/8" = 1'-0"

LIGHT FIXTURE SCHEDULE					
TYPE	DESCRIPTION	VOLTS	QTY	TYPE	NOTES
A	2X4 LAY-IN, 4-LAMP, PRISMATIC LENSE	120V	4	F40CW	
A1	2X4 LAY-IN, 4-LAMP, PRISMATIC LENSE	120V	4	F40CW	L
B	2X4 SURF. MTD, 4-LAMP, PRISMATIC LENSE	120V	4	F40CW	
C	2X2 LAY-IN, 4-LAMP, PRISMATIC LENSE	120V	4	F20CW	
D	HI-HAT W/ BLACK BAFFLE REFLECTOR	120V	1	75W A-19	
E	FAN-LIGHT COMBINATION	120V	1	100W A19	
F	HI-HAT W/ DROP LENSE	120V	1	100W A19	
G	8' STRIP, SURF. MTD, 2-LAMP	120V	2	F96CW	
H	4' STRIP, SURF. MTD, 2-LAMP	120V	2	F40CW	
I	UTILITY LIGHT, WALL MTD.	120V	1	100W A19	
J	HI-HAT W/ OPEN WHITE REFLECTOR, MH	120V	1	100W E17	
E1	SINGLE FACE EXIT SIGN	12V		INCL.	
E2	DOUBLE FACE EXIT SIGN	12V		INCL.	
E3	SINGLE HEAD EMERGENCY FIXTURE	12V		INCL.	
E4	DOUBLE HEAD EMERGENCY FIXTURE	12V		INCL.	
E5	SINGLE HEAD WEATHERPROOF EMERGENCY FIXTURE	12V		INCL.	
E6	EMERGENCY BATTERY PACK 110W, W/ (2) HEADS	120/12V		INCL.	

LIGHTING SYMBOL SCHEDULE		
SYMBOL	DESCRIPTION	NOTES
[Symbol]	2X4 FLOURESCENT LIGHT	L
[Symbol]	1X4 FLOURESCENT LIGHT	L
[Symbol]	2X2 FLOURESCENT LIGHT	L
[Symbol]	HI-HAT LIGHT	L
[Symbol]	WALL SCONCE LIGHT	L
[Symbol]	INCANDESCENT SURFACE LIGHT	L
[Symbol]	4' FLOURESCENT STRIP LIGHT	L
[Symbol]	8' FLOURESCENT STRIP LIGHT	L
[Symbol]	FAN / LIGHT COMBINATION	L
[Symbol]	EXHAUST FAN	L

EMERGENCY LIGHTING SYMBOL SCHEDULE		
SYMBOL	DESCRIPTION	NOTES
[Symbol]	SINGLE FACE EXIT SIGN	L
[Symbol]	DOUBLE FACE EXIT SIGN	L
[Symbol]	SINGLE HEAD EMERGENCY FIXTURE	L2
[Symbol]	DOUBLE HEAD EMERGENCY FIXTURE	L2
[Symbol]	EMERGENCY BATTERY PACK W/ 2-HEADS	L

SWITCHING SYMBOL SCHEDULE		
SYMBOL	DESCRIPTION	NOTES
S	SINGLE POLE SWITCH	
S3	THREE WAY SWITCH	
S4	FOUR WAY SWITCH	
S5	DIMMER SWITCH	
S6	THREE WAY DIMMER SWITCH	
S7	FAN CONTROL SWITCH	
S8	SINGLE POLE SWITCH W/ PILOT LIGHT	

GENERAL ELECTRICAL NOTES:
 1. DEVICE LOCATIONS TO BE FIELD VERIFIED, COORDINATE WITH EQUIPMENT LOCATIONS.
 2. ALL WORK WILL BE ACCORDING TO THE NATIONAL ELECTRIC CODE.
 3. REFER TO DRAWING 6-5 FOR ELECTRICAL PANEL SCHEDULES.

JOB SPECIFICATIONS:
 1. WHERE FIXTURES NEED TO BE ENCLOSED BY FIRE RATED ENCLOSURE, THIS WORK SHALL BE CONDUCTED BY THE GENERAL CONTRACTOR.
 2. WHERE FIXTURES NEED TO BE ENCLOSED BY LEAD SHIELDING, THIS WORK SHALL BE CONDUCTED BY THE GENERAL CONTRACTOR.
 3. WIRE W/HLR.PDOL. AREA LIGHTS ACCORDING TO NEC 680-41 CODE ON SPAS.

NO.	DATE	BY	REVISIONS
1	9-11-93	WM	REVISED DRTHOPEDICS X-RAY AREA

CLARK ELECTRIC INC.
 REFRIGERATION - AIR CONDITIONING - ELECTRICAL - SHEET METAL
 Pottsville, PA. 17852
 Phone # (717) 667-7676 Fax # (717) 667-8065

PHYSORTHORAD ASSOCIATES
 BERRY TOWNSHIP, PENNSYLVANIA
 REFLECTED CEILING PLAN

DRAWN	WM
CHECK	
DATE	11-5-92
SCALE	1/8" = 1'-0"
JOB NO.	
DWG. NO.	R-2



