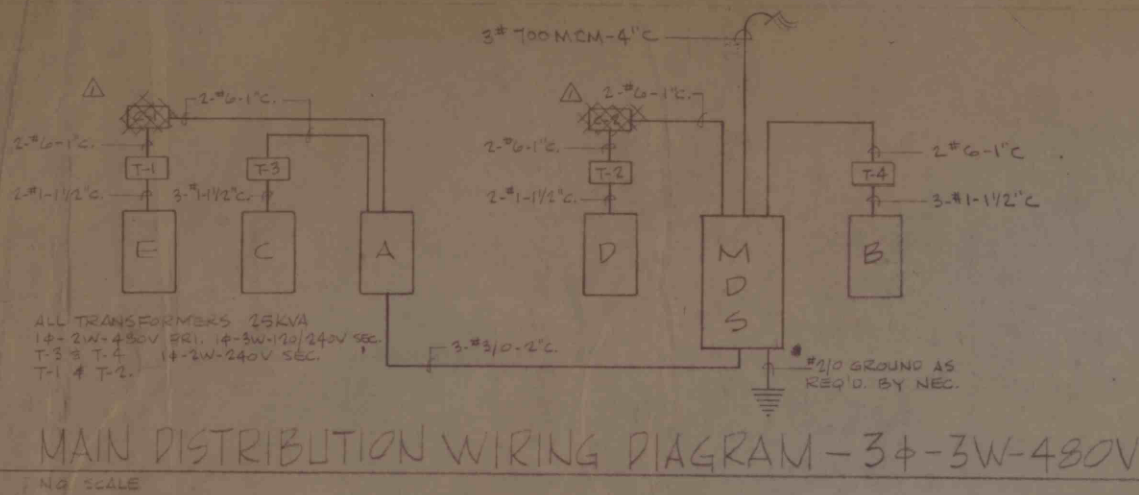




PANEL-A

1-10A-3P-CB- DUCT COIL
2-20A-3P-CB- AIR HANDLING UNIT, PROP
UNIT HEATER
1-15A-2P-CB- AIR HANDLING UNIT
2-20A-2P-CB- T-1, T-2
1-20A-2P-CB- SPARE
1-30A-3P-CB- SPARE
225A-MLO 34-3W-480V

PANEL-B

1-20A-2P-CB- PROP UNIT HEATERS, WALL
HEATERS, ELECT. BASE BOARD
HEATING, RECEPTACLES,
INCENSE CONTROL
2-15A-1P-CB- ROOF EXHAUSTERS
2-20A-1P-CB- SPARES
1-20A-2P-CB- LAMP RACK
225A-MLO 14-3W-120/240V

PANEL-C

2-20A-2P-CB- WALL HEATERS
1-10A-1P-CB- LIGHTING RECEPTACLES, INTERPHONE
1-15A-1P-CB- ROOF EXHAUSTER
1-20A-1P-CB- SPARE
150A-MLO 14-3W-120/240V

PANEL-D

1-30A-2P-CB- SNOW MATS
2-20A-2P-CB- SNOW MATS
1-20A-2P-CB- SPARE
15A-MLO 14-3W-240V

PANEL-E

2-20A-2P-CB- SNOW MATS
1-20A-2P-CB- SPARE
150A-MLO 14-3W-240V

MAIN DIST. SWBD-MDS

SWITCH FUSES DESCRIPTION
100A-3P 3-10A WATER HEATER
100A-3P 3-15A DUCT COIL
100A-2P 2-10A T-1
100A-2P 2-10A T-2
100A-2P 3-100A PANEL SWITCH
200A-3P 3-40A FUSES 34-3W-480V

LEGEND

○ NEON/SCENT FIXTURE
○ FLUORESCENT FIXTURE
○ BARE LAMP FLUORESCENT FIXTURE
○ BRACKET FIXTURE
○ MOTOR OUTLET
○ SAFETY SWITCH
○ PANELBOARD
○ SWITCH LEG
○ SWITCHED CIRCUIT
○ SEARCH CIRCUIT
○ HOMESUN TO PANELBOARD
○ WALL SWITCH (3-WAY OR 4-WAY AS NOTED)
○ TELEPHONE OUTLET
○ JUNCTION BOX
○ EQUIPMENT OUTLET
○ TRANSFORMER
○ THERMAL SWITCH WITH PILOT LIGHT
○ PHASE
○ TELEPHONE TERMINAL CABINET
○ DUPLEX WALL RECEPTACLE
○ CONTACTOR
○ SNOW MAT DESIGNATION MARK
○ INTERPHONE PAGING SYSTEM OUTLET

A AMPERES
AC ABOVE COUNTER OR DESK TOP
AFF ABOVE FINISHED FLOOR
C CONDUIT
CB CIRCUIT BREAKER
EC ELECTRICAL CONTRACTOR
EP EXPLOSION PROOF
GC GENERAL CONTRACTOR
HC HEATING CONTRACTOR
HP HOUSEPOWER
L LAMP
MLO MAIN LUGS ONLY
NEC NATIONAL ELECTRICAL CODE
NF NON-FUSED
NTS NOT TO SCALE
P PUMP
PC PLUMBING CONTRACTOR
SN SOLID NEUTRAL
SW SWITCH
V VALVE
W WATTS, WIRE OR WITH

SNOW MAT SCHEDULE

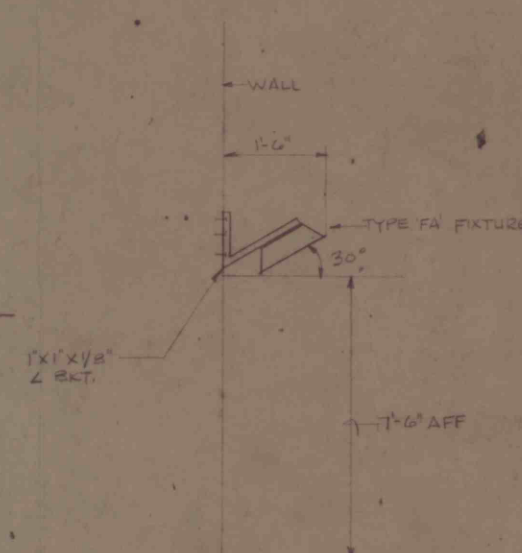
CIRCUIT No.	MARK	LENGTH	WIDTH	WATTAGE	AMPERAGE	SQUARE FEET
D-1	A	17'-0"	4'-0"	4055W	14.4A	68.125
D-2	A	17'-0"	4'-0"	4055W	14.4A	68.125
D-3	A	15'-0"	4'-0"	3900W	14.0A	60.00
D-4	A	15'-0"	4'-0"	3900W	14.0A	60.00
D-5	A	15'-0"	3'-0"	3030W	12.7A	45.00
D-6	A	15'-0"	3'-0"	3030W	12.7A	45.00
D-7	A	15'-0"	3'-0"	1015W	4.5A	15.00
E-4	A	15'-0"	3'-0"	2740W	12.3A	45.00
E-5	A	15'-0"	3'-0"	1300W	5.8A	22.50
E-1	A	14'-0"	3'-0"	3812W	15.9A	42.00
E-2	A	14'-0"	3'-0"	3812W	15.9A	42.00
E-3	A	13'-0"	3'-0"	3512W	15.9A	39.00
E-6	A	3'-0"	1'-0"	230W	1.0A	3.00
E-5	A	3'-0"	1'-0"	686W	2.9A	3.00

NOTES:

1. SNOW MATS SHALL BE SERIES D-4'S AS MANUFACTURED BY EASYHEAT-WIREKRAFT.
2. MINIMUM 3" CLEARANCE AT ALL MAT EDGES.
3. INSTALLATION SHALL BE IN ACCORDANCE WITH THE NEC.
4. SNOW MATS SHALL NOT CROSS EXPANSION OR CONTRACTION JOINTS.
5. ALL EXTERIOR CONNECTIONS & BOXES SHALL BE WEATHERTIGHT.

LIGHTING FIXTURE SCHEDULE

TYPE	LAMPS	MANUFACTURER	CAT. NO.
FA	2-40W	MILLER	IM-2101-04
FB	2-40W	MILLER	KT-3120-P4
FC	2-40W	PRESCOLITE	3248 H
FD	2-40W	MILLER	DB-2101-04
FE	2-40W	MILLER	DB-4101-04
FF	2-40W	MILLER	KT-2110-P4
BA	100W	PRESCOLITE	WB-2
CA	75W	VIRIDEN	SP-3020
DA	2-60W	PRESCOLITE	7009
RFA	2-40W	MILLER	CQ-4105-04
RFB	2-40W	MILLER	CQ-2105-04
SA	200W	MILLER	AE-3342
EPA	150W	CROUSE-HINDS	EVCH



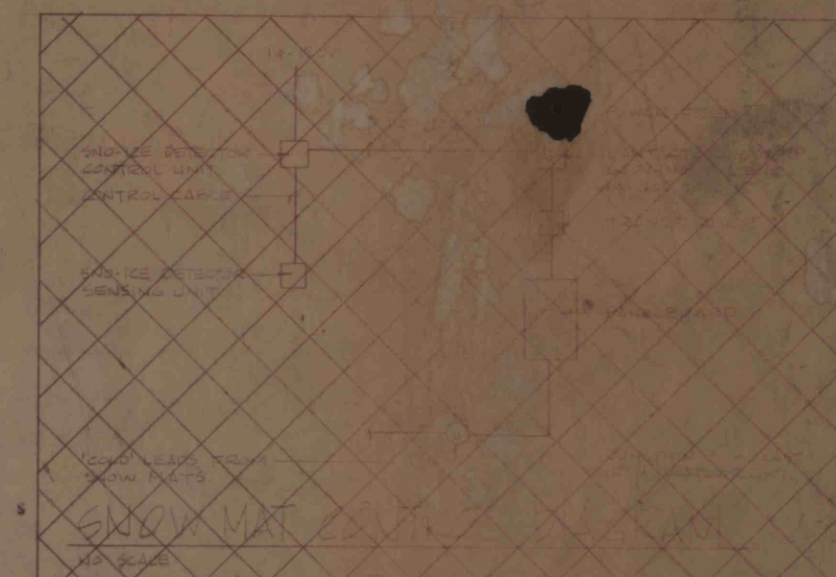
TYPE 'FA' FIXTURE DETAIL

NO SCALE

BASEMENT FLOOR PLAN

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

PROJECT NO.	15196	DRAWN BY	WILSON	SHEET NO.	1
WILSON CONSTRUCTION CO., INC. GENERAL CONTRACTORS 1780 GOUCHER STREET JOHNSTOWN, PENNSYLVANIA 15903					



GENERAL NOTES

1. COMPLETE INSTALLATION SHALL BE IN ACCORDANCE WITH THE NEC.
2. MINIMUM WIRE SIZE SHALL BE 14 AWG.
3. MINIMUM CONDUIT SIZE SHALL BE 1/2" DIA.
4. EC SHALL COORDINATE ALL WORK WITH THE PLUMBING CONTRACTOR.
5. EXACT LOCATION OF ALL OUTLETS SHALL BE DETERMINED AT 6" AFF.

TELEPHONE SYSTEM

1. EACH OUTLET SHALL BE 1/2" DIA. CONDUIT TO THE OUTLET BOX WITH A BLANK COVER.
2. EXTEND 1" EMPTY CONDUIT FROM EACH OUTLET TO THE TERMINAL CABINET.
3. EXTEND A 1" EMPTY CONDUIT FROM EACH OUTLET TO THE TERMINAL CABINET TO MINE SHUTTLE.
4. EXTEND 1/2" CONDUIT FROM EACH OUTLET TO THE TERMINAL CABINET.
5. COMPLETE INSTALLATION SHALL BE IN ACCORDANCE WITH THE NEC.

INTERPHONE SYSTEM

1. EACH OUTLET SHALL BE 1/2" DIA. CONDUIT TO THE OUTLET BOX WITH A BLANK COVER.
2. EXTEND 1" EMPTY CONDUIT FROM EACH OUTLET TO THE TERMINAL CABINET.
3. EXTEND A 1" EMPTY CONDUIT FROM EACH OUTLET TO THE TERMINAL CABINET TO MINE SHUTTLE.
4. EXTEND 1/2" CONDUIT FROM EACH OUTLET TO THE TERMINAL CABINET.
5. COMPLETE INSTALLATION SHALL BE IN ACCORDANCE WITH THE NEC.

IMAPS # 15196