



CITY OF ANN ARBOR

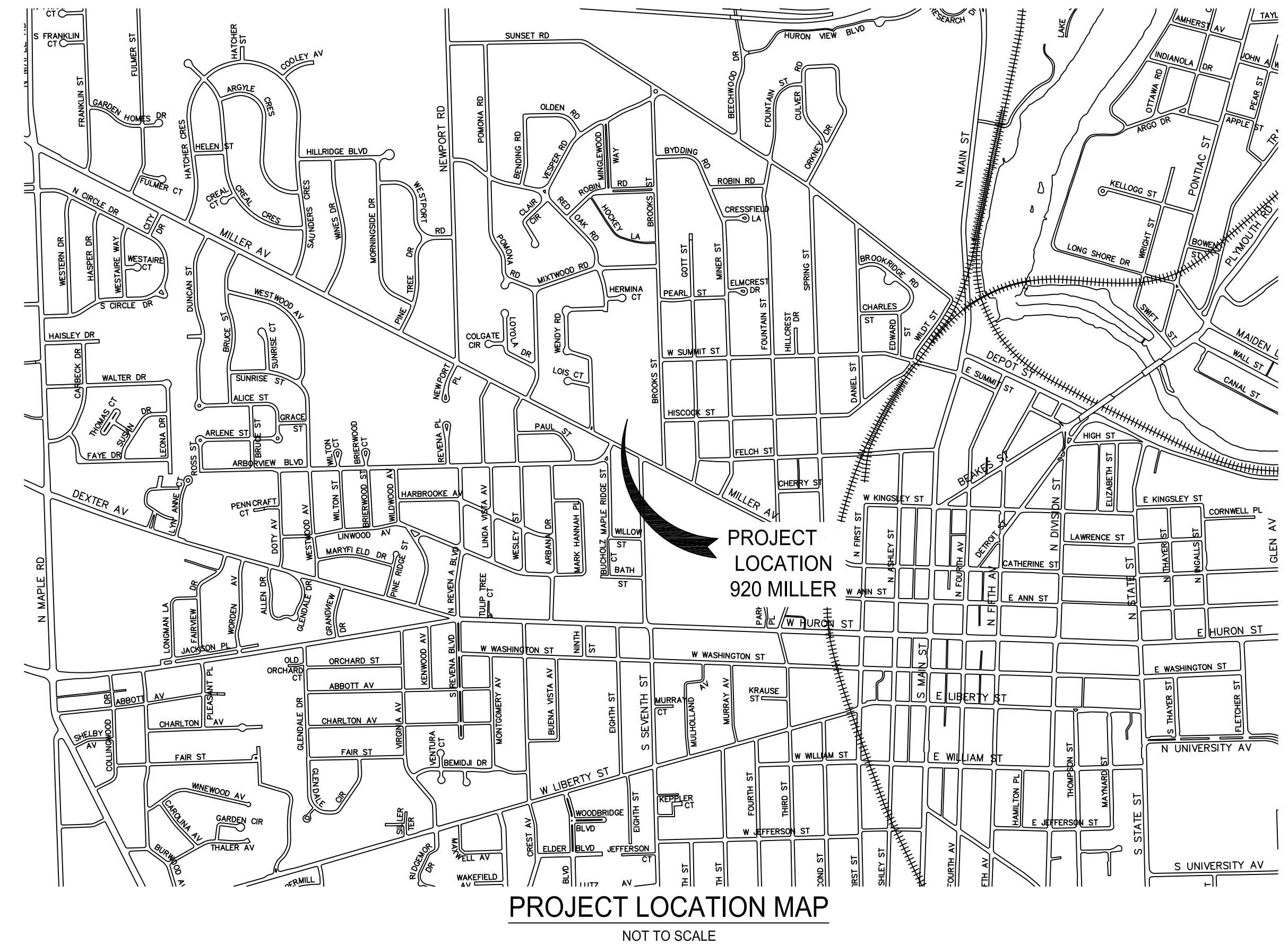
MACK POOL ROOF REPLACEMENT

BID SET

ITB# 4284

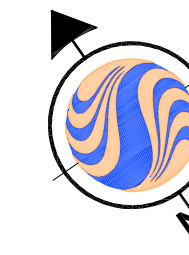
Project Number: 2075120204

MARCH, 2013



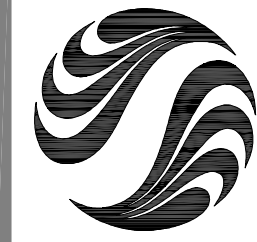
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GENERAL SHEET NOTES:

1. ALL ITEMS INCIDENTAL TO AND/OR REQUIRED TO COMPLETE THE INSTALLATION SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR.
2. THE CONTRACTOR SHALL COMPLY WITH, AND ALL WORK AND MATERIALS SHALL CONFORM TO, THE REQUIREMENTS OF ALL APPLICABLE FEDERAL, STATE AND LOCAL CODES, LAWS ORDINANCES, AND REGULATIONS.
3. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS AND CERTIFICATES OF INSPECTIONS FOR ALL WORK.
4. ALL MATERIAL AND EQUIPMENT SHALL BE STORED IN SUCH A MANNER TO PREVENT BREAKAGE OR PHYSICAL DAMAGE. STORE IN ORIGINAL PACKAGING AND PROVIDE PROTECTIVE COVER TO KEEP OUT RAIN, DIRT, AND FOREIGN OBJECTS.
5. STORAGE AREAS FOR CONSTRUCTION MATERIALS MUST NOT INTERFERE WITH FIRE/EMERGENCY SITE ACCESS.
6. ALL REFUSE IS THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE HAULED OFFSITE AND DISPOSED OF PROPERLY.
7. THERE SHALL BE NO DISRUPTIVE ACTIVITIES TO THE PUBLIC PRIOR TO THE START OF PERMITTED CONSTRUCTION HOURS EACH DAY (E.G., LOUD RADIOS, LIGHTS, RUNNING EQUIPMENT, ETC.).
8. PROVIDE ALL SAFETY BARRICADES, TEMPORARY FENCING, SIGNAGE, ETC. NECESSARY TO PROTECT THE PUBLIC.
9. RESTORE THE SITE, PARKING AREAS, STORAGE AREAS AND LAWN TO EXISTING OR BETTER CONDITIONS.
10. SCHEDULE: ALL CONSTRUCTION WORK MUST BE COMPLETED BEFORE AUGUST 31, 2013.



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Notes

Revision	By	Appd.	YY.MM.DD
BID SET	GJS	PJM	13.03.22
90% REVIEW SET	GJS	PJM	13.03.19
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		Dwn.	Chkd.	Dsgn.	YY.MM.DD

Permit-Seal

Client/Project

CITY OF ANN ARBOR

MACK POOL ROOF REPLACEMENT

Ann Arbor, Michigan

Title

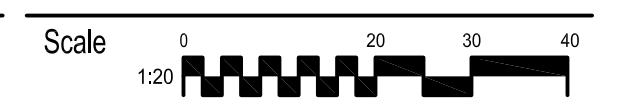
SITE PLAN

Project No.

2075120204

Drawing No.

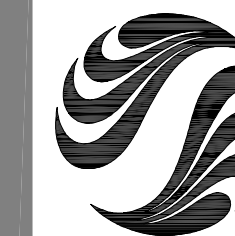
G-02



Sheet 2 of 10

Revision 0

NOTE:
 THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING MISS DIG PRIOR TO CONSTRUCTION.



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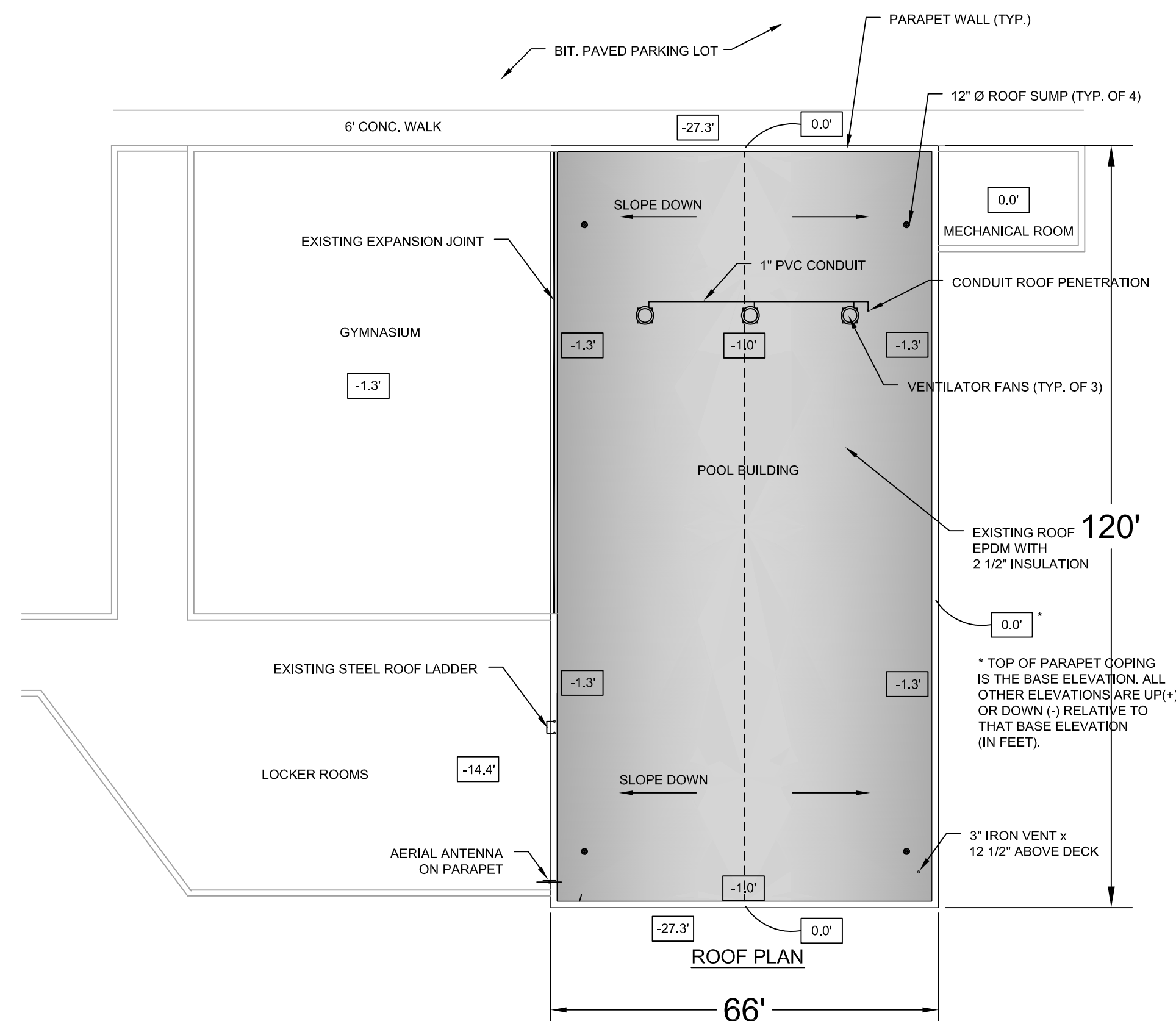
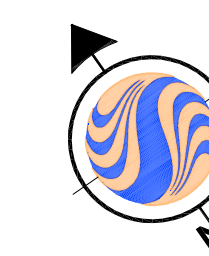
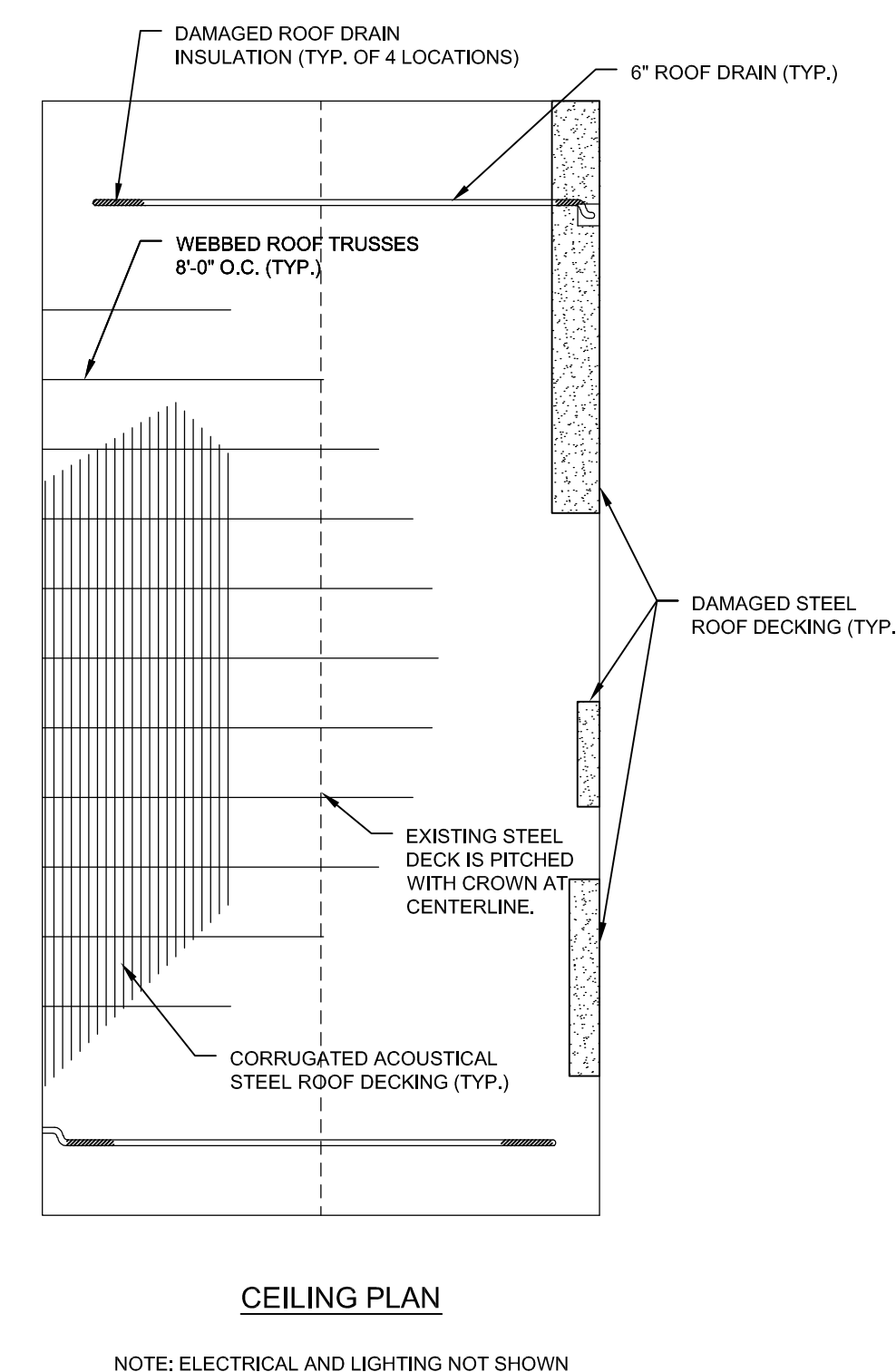
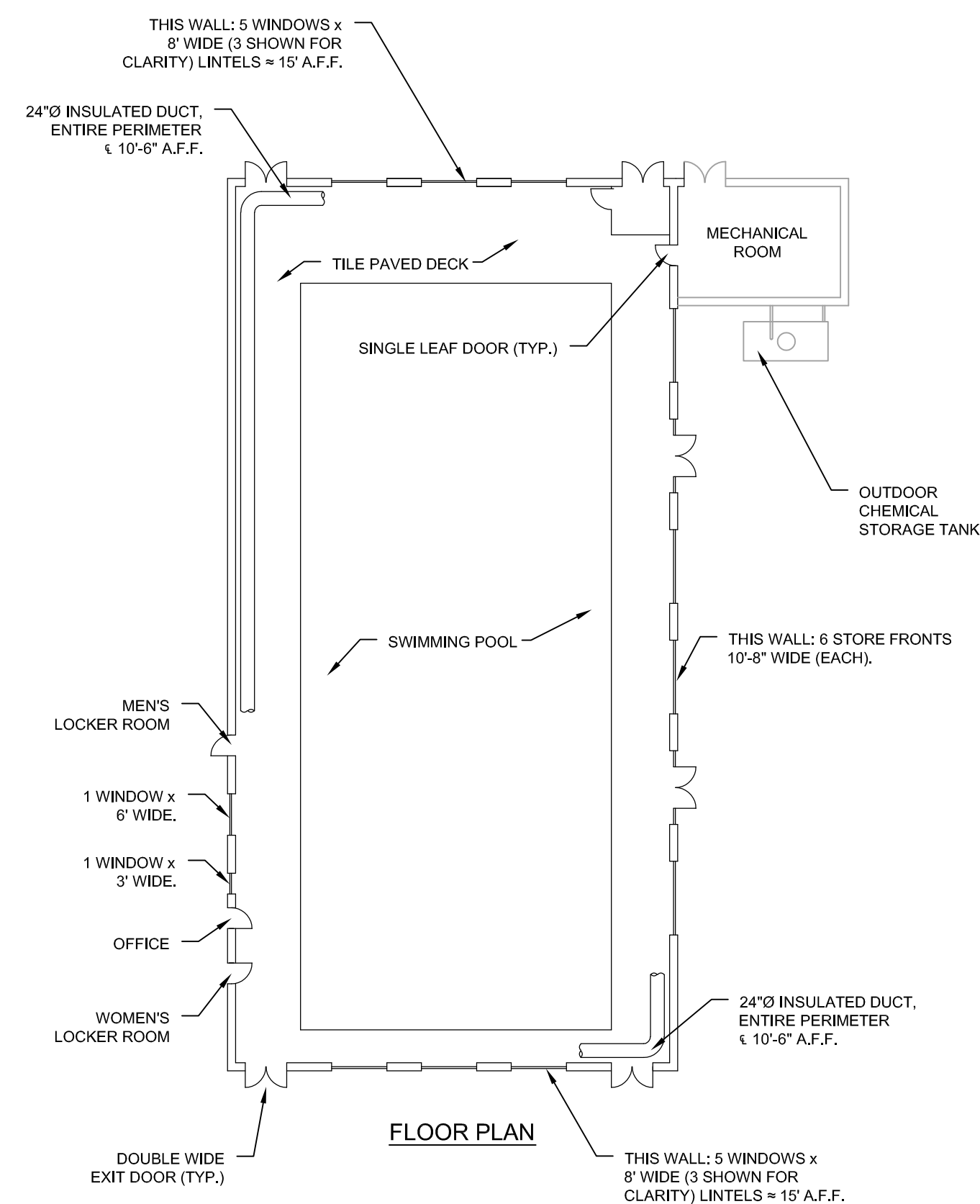
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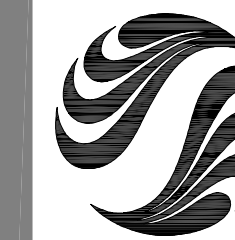
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Client/Project
CITY OF ANN ARBOR
MACK POOL ROOF REPLACEMENT
 Ann Arbor, Michigan
 Title
EXISTING CONDITIONS PLAN

Project No. 2075120204
 Drawing No. Sheet 3 of 10
 Scale 1:20
 Revision 0



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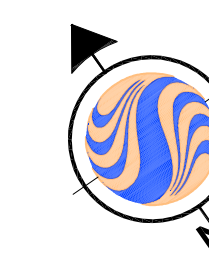
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← FLOW ARROW

Notes

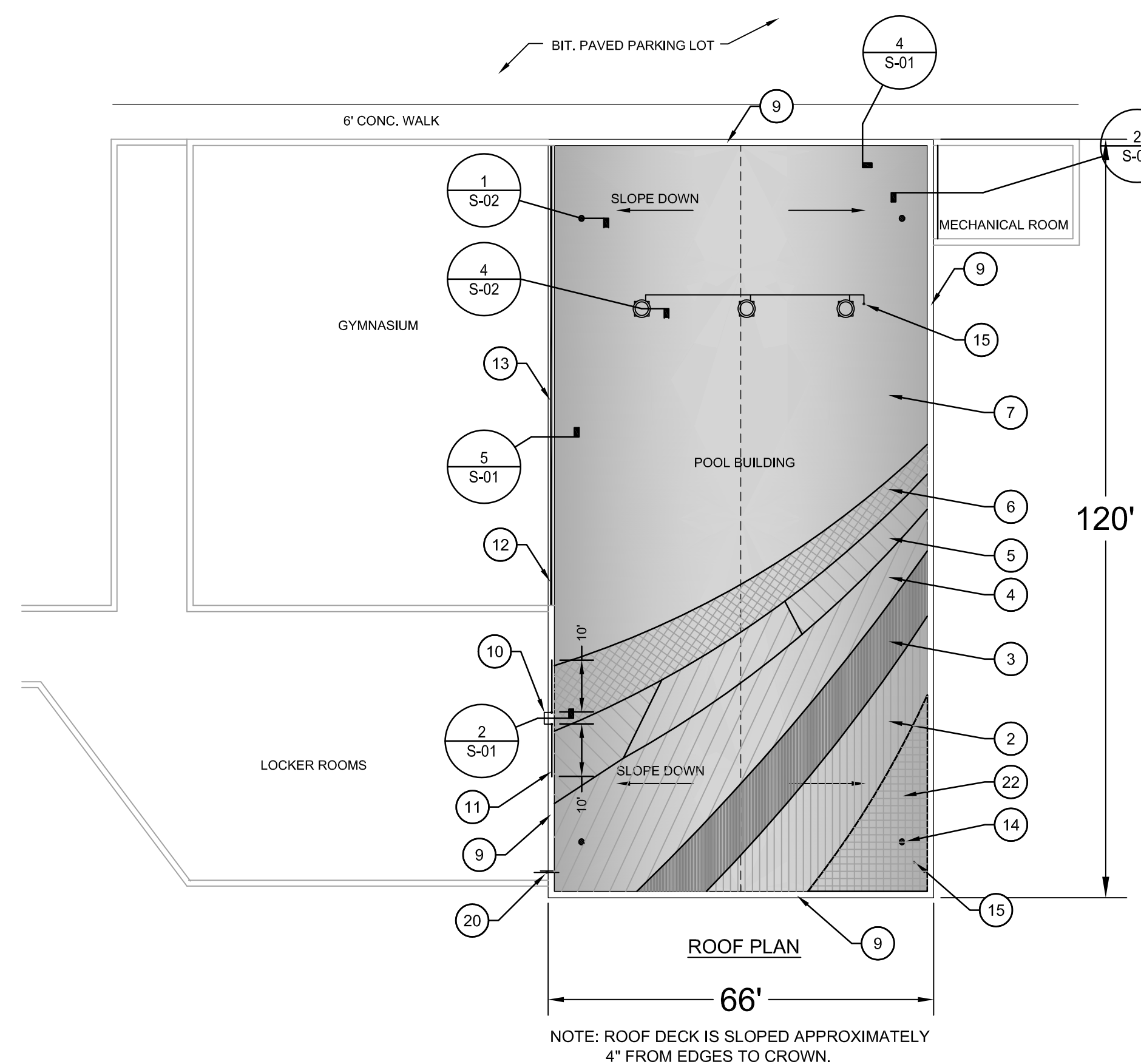
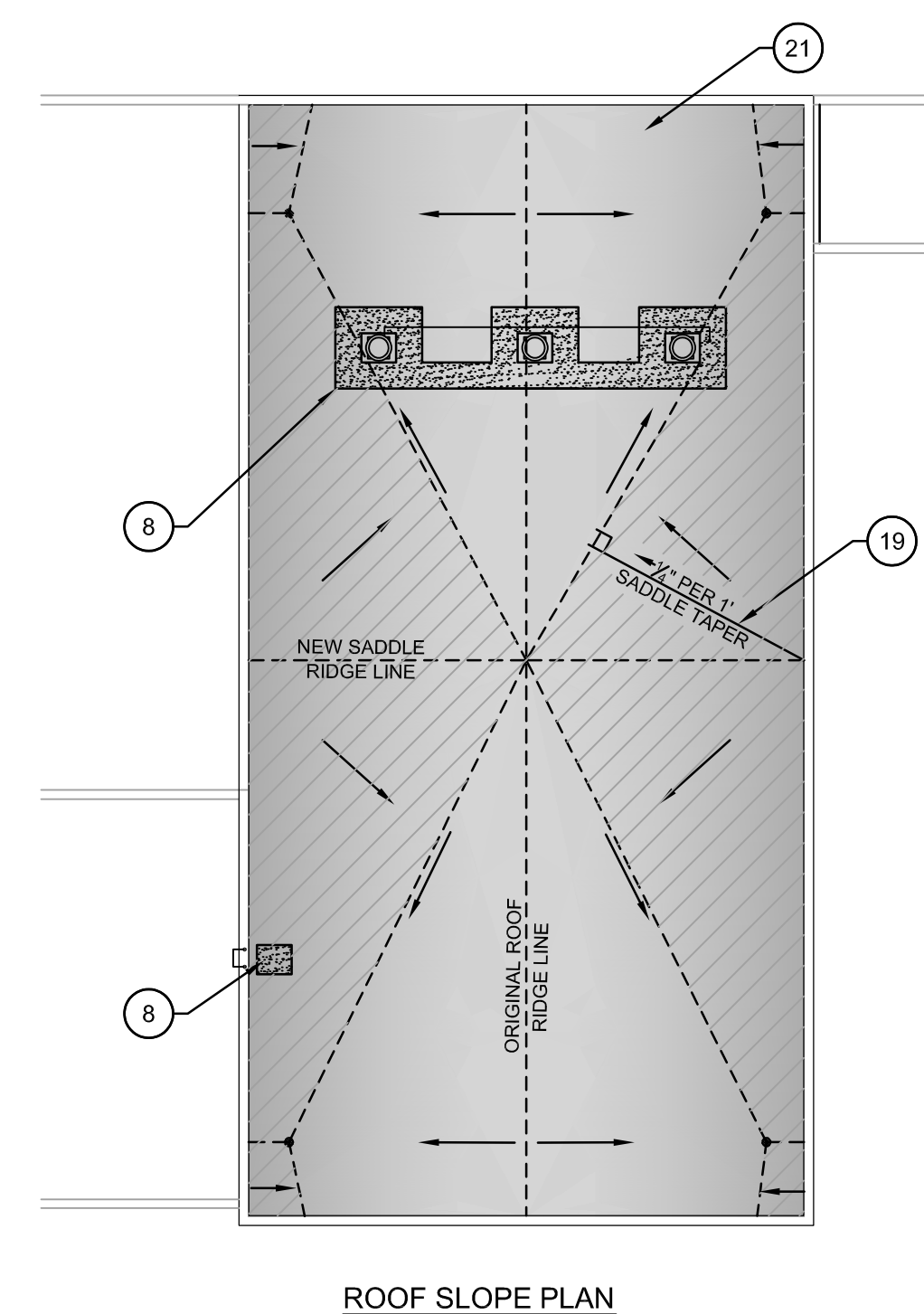
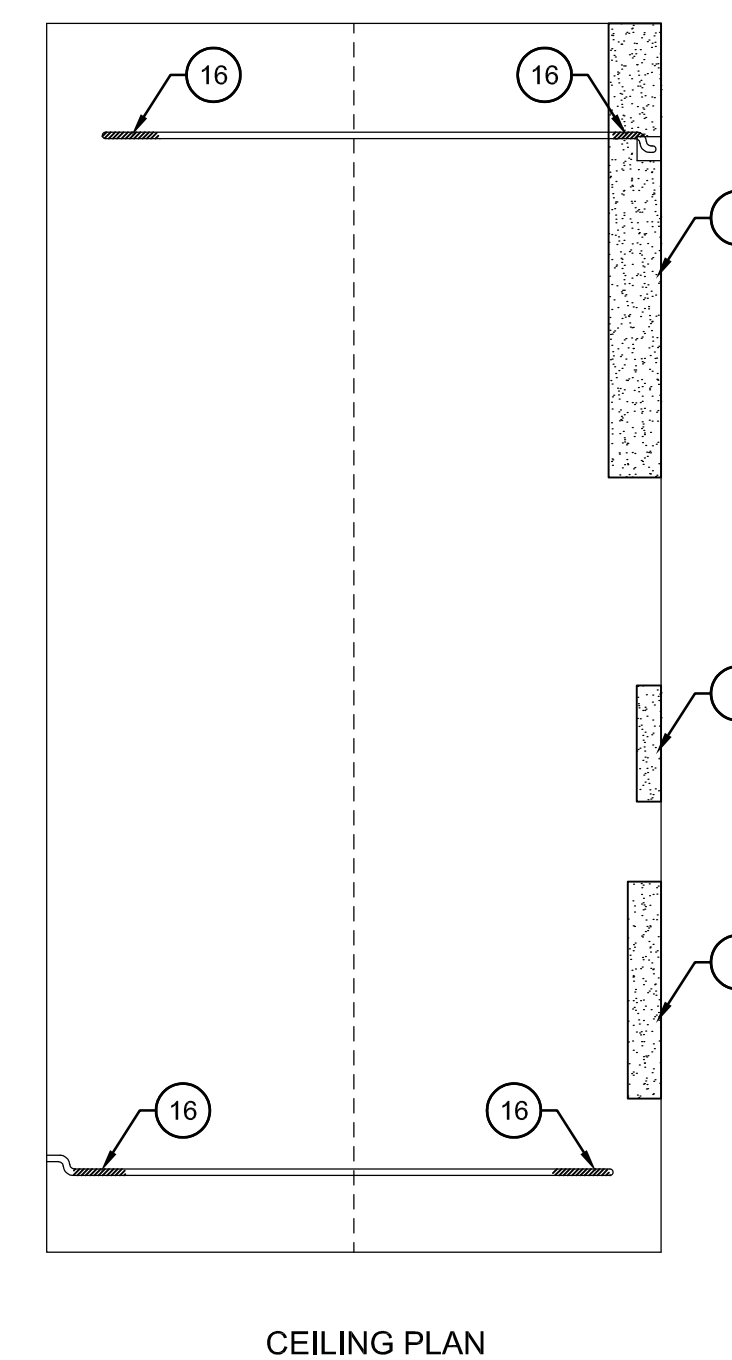
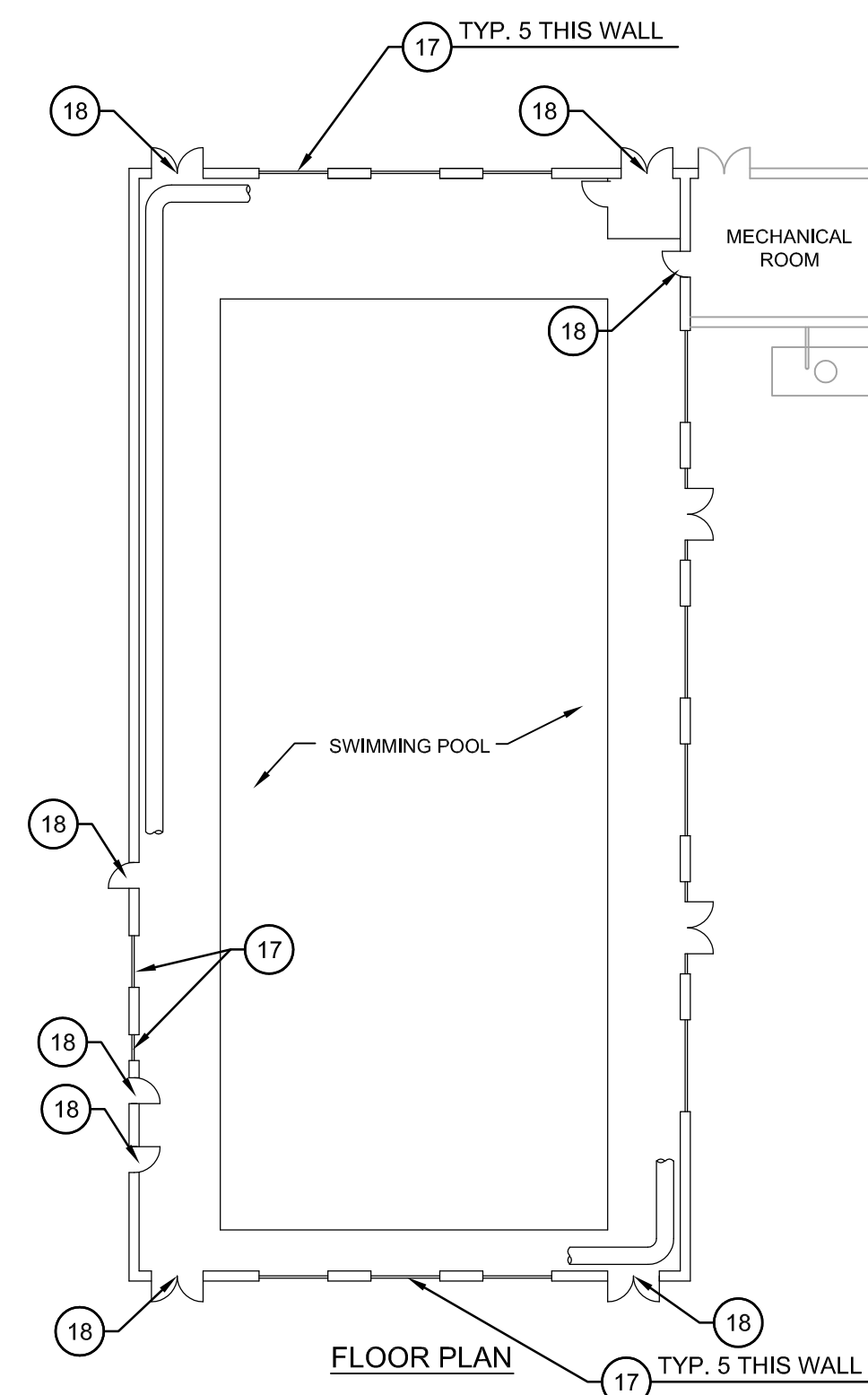


CONSTRUCTION NOTES:

- 1 REPLACE CORRODED CORRUGATED ROOF DECK PANELS AS NEEDED. SEE DEMOLITION NOTE 1 ON SHEET C-02 AND DETAIL 3 ON SHEET S-01.
- 2 SOLVENT PREP SURFACE TO SP-1 STANDARDS, AND APPLY ONE COAT OF OMNI-THANE SEALANT. APPROXIMATELY 8,500 SF.
- 3 INSTALL 6 MIL POLYETHYLENE VAPOR RETARDANT BARRIER. APPROXIMATELY 8,500 SF.
- 4 INSTALL 2-LAYERS (2 1/2") OF POLYISOCYANURATE ROOF DECK INSULATION FOR R-30 RATING. LONG EDGES OF SECOND LAYER PANELS SHALL BE STAGGERED AND LAID PERPENDICULAR TO FIRST LAYER.
- 5 INSTALL TAPERED POLYISOCYANURATE INSULATION SADDLE "CRICKET" PANELS (1/4" PER 1' SLOPE).
- 6 INSTALL 1/2" COVER BOARD.
- 7 INSTALL EPDM MEMBRANE. SEE SECTION ON SHEET S-01.
- 8 INSTALL WALKWAY PANELS.
- 9 INSTALL NEW COPING (5"x13"x3") WITH 5" FLANGE INSTALLED ON EXTERIOR OF PARAPET WALL. APPROXIMATELY 290 LF.
- 10 INSTALL NEW LADDER ANCHORED PER DETAIL 1 ON SHEET S-01.
- 11 INSTALL NEW RAILING. 20 LF PER DETAIL 1 ON SHEET S-01.
- 12 INSTALL EXPANSION JOINT AND CURB BETWEEN POOL BUILDING AND GYMNASIUM. APPROXIMATELY 80 LF. SEE DETAILS ON SHEET S-01.
- 13 NEW EXPANSION JOINT PARAPET CAP. APPROXIMATELY 80 LF.
- 14 PROVIDE BOOT OR FLASHING FOR WATER TIGHT SEAL AROUND ROOF DRAINS: TYPICAL OF 4, (SEE DETAIL 1, SHEET S-02)
- 15 PROVIDE BOOT FOR WATER TIGHT SEAL AROUND 3" Ø PLUMBING VENT, AND ALL OTHER ROOF PENETRATIONS (TYP.).
- 16 REPLACE DETERIORATED PIPE INSULATION TO MATCH EXISTING. PROVIDE SMOOTH TRANSITION TO EXISTING ADJACENT. PAINT TO MATCH EXISTING. TYPICAL OF 4 LOCATIONS. 2" FIBERGLASS WITH PAPER WRAP.
- 17 REFURBISH WINDOW LINTELS PER SPECIFICATIONS; TYPICAL OF 12 EACH. RE-INSTALL WINDOWS, SEAL PER SPECIFICATIONS. TOUCH UP PAINT AS REQUIRED.
- 18 REFURBISH DOOR LINTELS PER SPECIFICATIONS; TYPICAL OF 4 SETS DOUBLE DOORS AND 4 SINGLE DOORS. RE-INSTALL DOORS, SEAL PER SPECIFICATIONS. TOUCH UP PAINT AS REQUIRED.
- 19 TAPERED INSULATION SADDLE (CRICKET) PANELS ARE TO BE LAID WITH THE 1/4" PER 1' SLOPE PERPENDICULAR TO THE VALLEY SLOPING TO THE ROOF DRAIN. (HATCHED AREA).
- 20 REINSTALL ANTENNA AS NEEDED.
- 21 PITCH FOLLOWS SLOPE OF EXISTING ROOF DECK.
- 22 INSTALL 1/2" DENS-DECK. SEE DETAIL 6 ON S-01.

ROOF PLAN NOTES:

1. DRAWINGS MAY NOT SHOW ALL ROOF MOUNTED OR PENETRATED ITEMS. ALL ROOF MOUNTED AND PENETRATED ITEMS (I.E. EXPANSION JOINTS, PIPES, DUCTS, CURBS, LIGHTNING RODS, EQUIPMENT SUPPORTS, ETC.) TO BE FLASHED WATERTIGHT PER ROOFING MANUFACTURER'S RECOMMENDATIONS TO SUIT JOB CONDITION.
2. COORDINATE SIZE, QUANTITY & LOCATIONS OF PENETRATIONS WITH MECHANICAL, PLUMBING & ELECTRICAL CONTRACTORS.
3. FLASH ALL PARAPETS AND EDGE CONDITIONS WATER TIGHT PER MANUFACTURER'S SPECIFICATIONS. WHERE ROOF MEMBRANE SIDE WALL FLASHING DOES NOT EXTEND OVER PARAPET COPING, PROVIDE THRU WALL COUNTER FLASHING OVER MEMBRANE FLASHING (MINIMUM 8" ABOVE ROOF MEMBRANE SURFACE).
4. DRAWINGS INDICATE INTENT OF POSITIVE DRAINAGE. PROVIDE TAPERED INSULATION AND/OR EDGE STRIPS AS REQUIRED TO MAINTAIN SLOPE TO ROOF DRAINS. FLASH ROOF DRAINS WATERTIGHT. THERE ARE TO BE NO STANDING OR PONDING WATER AREAS ON THE ROOF.
5. WHERE TAPERED INSULATION IS INDICATED AT EDGE CONDITION LOW AREAS, BUILD EDGE UP WITH ADDITIONAL NAILERS TO MAINTAIN CONSTANT ROOF EDGE LINE.
6. EQUIPMENT CURBS SHALL BE FURNISHED & INSTALLED BY ROOFING CONTRACTOR.



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MACK POOL ROOF REPLACEMENT
 Ann Arbor, Michigan

Title
EXTERIOR ROOF PLAN & INTERIOR WORK PLAN

Project No. 2075120204	Scale 1:20	Sheet 20	Revision 40
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