

April 10, 2013

**ADDENDUM NO. 1
TO
BID DOCUMENTS
FOR
MACK POOL ROOF REPLACEMENT
FOR THE
CITY OF ANN ARBOR, MICHIGAN**

The following changes, additions, and/or deletions shall be made to the Bid Documents for the Mack Pool Roof Replacement Project for the City of Ann Arbor, Michigan, Bid No. ITB – 4284 on which bids are to be received, on or before, 2:00 P.M. Tuesday, April 16, 2013.

The information contained herein shall take precedence over the original documents and all previous addenda, and is appended thereto.

All Bidders shall acknowledge receipt and acceptance of this Addendum No. 1, including all attachments, by so indicating on page ITB-1 of the Invitation to Bid Form. Bids submitted without acknowledgement of receipt of this addendum will be considered informal.

Changes in the Bid Documents which are outlined below are referenced to a page or drawing in which they appear conspicuously. The Bidder is to take note in its review of the documents and include these changes as they affect work or details in other areas not specifically referenced here. Changes to the original text are bolded, underlined and italicized.

DRAWINGS

Replace drawing C-03 with the attached revised drawing. The electronic .pdf file has been saved as a 24" x 36" drawing.

TECHNICAL SPECIFICATIONS

Replace Section 2.4 of Specification 07530 EPDM Single-Ply Membrane Roofing as follows:

2.4 VAPOR RETARDER

~~A. Polyethylene Vapor Retarder: ASTM D 4397, 6 mils thick, minimum, with maximum permeance rating of 0.13 perm.~~

~~1. Adhesive: manufacturer's standard roofing adhesive, FM approved for vapor-retarder application.~~

With: A. Polyethylene Vapor Retarder: Use Firestone V Force and V Force SB Primer or equal.

QUESTIONS AND ANSWERS

Q: Do Prevailing Wage requirements apply on this project?

A: **Yes. See Page GC-2, Section 4 of the General Conditions for Details.**

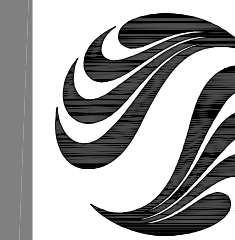
Q: Is there an Engineer's Cost Opinion for the cost of the project?

A: **Yes. The cost opinion for the base bid (re-roofing, accessories, and painting the steel lintels) is \$155,000. For the bid alternate (repaint pool ceiling) it is an additional \$65,000.**

ATTACHEMENTS

1. **Drawing Sheet C-03**
2. **Pre-Bid Meeting Sign-In Sheet**

END OF ADDENDUM



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The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay.
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Consultants

Legend

← FLOW ARROW

Notes

Revision	By	Appd.	YY.MM.DD
ADDENDUM 1			
BID SET	GJS	PJM	13.04.10
90% REVIEW SET	GJS	PJM	13.03.22
60% REVIEW SET	GJS	PJM	13.03.19
Issued	GJS	PJM	13.03.13
	By	Appd.	YY.MM.DD

File Name:	BWA	PJM	GJS	10.10.12
120204-C-03.DWG	Dwn.	Chkd.	Dsgn.	YY.MM.DD

Permit-Seal

Client/Project

CITY OF ANN ARBOR

MACK POOL ROOF REPLACEMENT

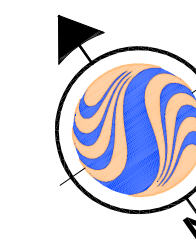
Ann Arbor, Michigan

Title

EXTERIOR ROOF PLAN & INTERIOR WORK PLAN

Project No.	Scale
2075120204	1:20

Drawing No.	Sheet	Revision
C-03	5 of 10	0

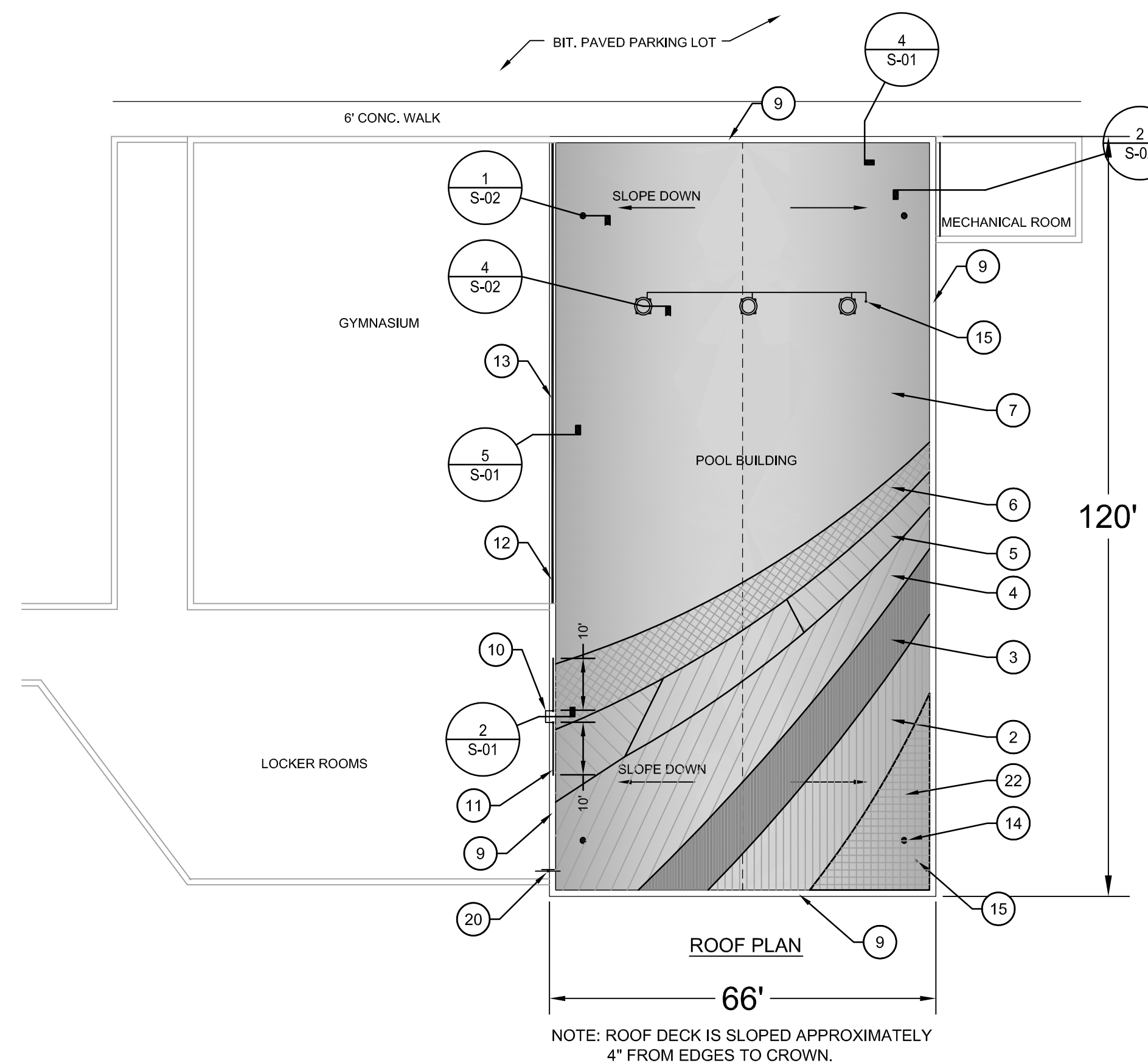
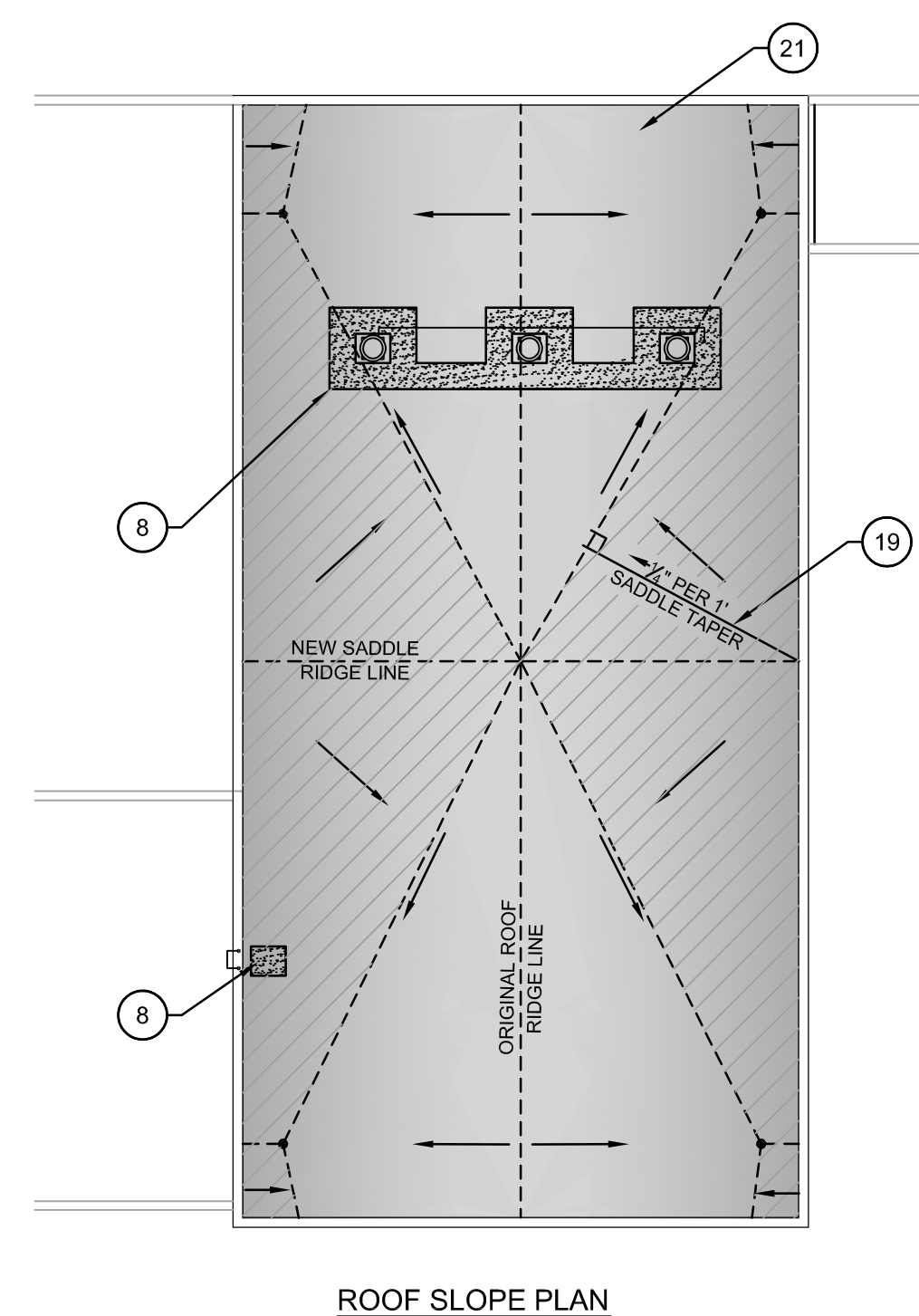
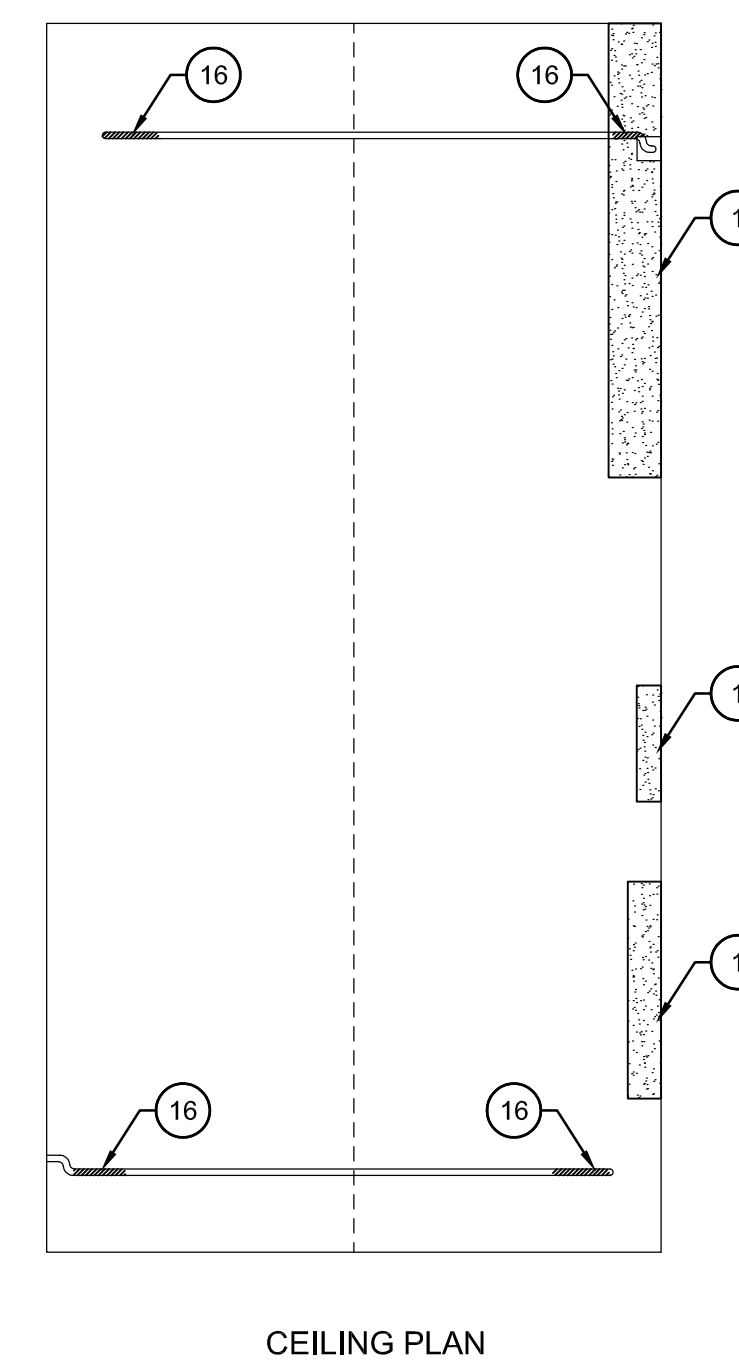
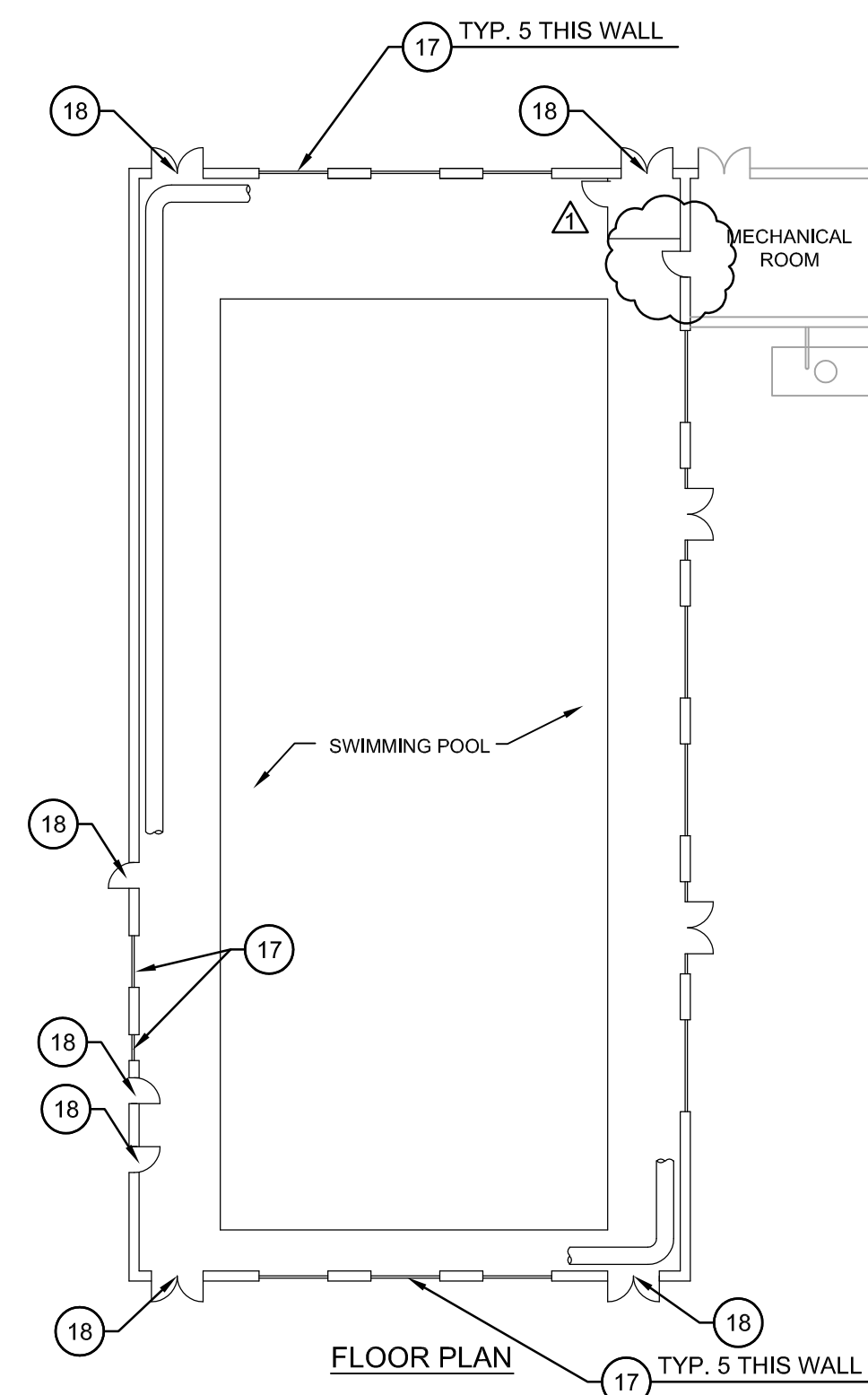


CONSTRUCTION NOTES:

- 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 3 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.



811
 Know what's below.
 Call before you dig.

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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**MACK POOL ROOF REPLACEMENT
PRE-BID MEETING ATTENDANCE
TUESDAY, APRIL 2; 2013 AT 2:00 PM**

Name/Representing	Address	e-mail address	Phone/Fax
PAUL MALOCHA	3754 RAJENSKO DR. ANN ARBOR, MI 48108	Paul.malocha@stantec.com	734.761.1010
STANTEC CONSULTING MI.			734.761.1200
NICHOLE WOODWARD	4251 STONE SCHOOL		734-794-6000 x43909
CITY OF ANN ARBOR	A ² MI 48108	nwoodward@azgov.org	
Tracy Pennington	4251 Stone School,		
City of Ann Arbor	A ² MI 48108	tpennington@azgov.org	734-355-7333
Rob Molnar	12455 Hale St		734-281-0591
MOLNAR ROOFING	Riverview, MI 48193	RobertoMolnarRoofing.com	734-281-7303
PAT BACK	51 Summit		810 360-0412
ROYAL WEST ROOFING	BRIGHTON, MI 48116	pateroyalwestroofing.com	810 588-4255
ROBERT NEILL	3885 INDUSTRIAL		
BUTCHING & BUTCHER	FECH HILLS, MI 48309	FRANWALD@BROOKSBLAIR.COM	248 852-2323/0967
VIPUL PATEL	28950 Joy Road	vipul.patel@	734-855-4960
PANAM GLOBALTECH INC.	LIVONIA, MI 48150	panamglobaltech.com	734-855-4961



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**MACK POOL ROOF REPLACEMENT
PRE-BID MEETING ATTENDANCE
TUESDAY, APRIL 2; 2013 AT 2:00 PM**

Name/Representing	Address	e-mail address		Phone/Fax #
Geoff Duke	6195 Carpenter Rd	geoffduke@geocomcast.net	p	734-434-2957
Duke Roofing	Vpsilant, MI 48197		f	734-434-4952
Dan McGuire	715 Brooks	dmcguire@a2gov.org	p	734-794-6237
City of Ann Arbor	Ann Arbor, MI 48103		f	
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