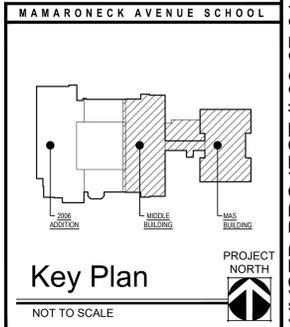


- GENERAL CONSTRUCTION NOTES**
- LOCATIONS/ROUTINGS/SIZES OF EXIST. PLUMBING PIPING SHOWN ARE BASED ON SITE OBSERVATIONS & THEY ARE APPROXIMATE. PC IS RESPONSIBLE TO VERIFY THEM IN FIELD. GC TO SAW/CUT EXIST. WALLS/FLOOR SLABS OR OPENING EXIST. CHASES AS REQUIRED TO ACCOMMODATE PLUMBING INSTALLATION. GC TO PATCH WALLS/CHASES/FLOOR SLABS AS REQUIRED TO MATCH EXISTING.
 - ALL NEW PLUMBING PIPING SHALL BE INSTALL CONCEALED IN NEW WALLS/CHASES/ABOVE CEILING/BELOW SLABS, UNLESS OTHERWISE NOTED.
 - PC SHALL CHECK IN FIELD FOR EXACT ROUTING OF NEW PLUMBING PIPING. REUSE EXISTING WALL/FLOOR PENETRATIONS WHERE POSSIBLE.
 - PC TO CORE-DRILL FOR NEW PIPE PENETRATIONS AS REQUIRED & CAULK W/ 2HR RATED FIRESTOPPING MATERIALS. GC TO SAW-CUT EXIST. WALLS/FLOORS/CLG. AS REQUIRED & PATCH & PAINT TO MATCH EXIST. FINISH. PC TO PROVIDE PIPE ELBOWS, FITTINGS, ETC. REQUIRED FOR THE PROJECT.
 - ANY CUTTING, PATCHING, OR FINISH REPAIR WORK REQUIRED FOR PLUMBING WORK IS THE RESPONSIBILITY OF GC.
 - ALL NEW ROOF LEADER PIPING SHALL BE INSULATED WITH 1" THICK FIBERGLASS PIPE INSULATION WITH ASJ JACKETS. ALL NEW CONDENSATE PIPING SHALL BE INSULATED WITH 1" THICK FLEXIBLE ELASTOMERIC INSULATION (AP ARMAFLEX BLACK LAPSEAL OR APPROVED EQUAL). PROVIDE PIPE IDENTIFICATIONS WITH FLOW ARROWS ON PIPE INSULATION.
 - PC IS RESPONSIBLE FOR SHUTDOWN AND/OR TO ISOLATE SECTIONS OF PLUMBING & SPRINKLER SYSTEMS, AND DRAIN WATER FROM THE SYSTEMS TO ACCOMMODATE FOR MODIFICATION/INSTALLATION. RESTORE THE SYSTEMS AS REQUIRED.
 - GC IS RESPONSIBLE TO REMOVE EXISTING CEILING/GRIDS & RELOCATE EXISTING LIGHT FIXTURES, FIRE & COMMUNICATION DEVICES, ETC. TO ACCOMMODATE PLUMBING INSTALLATION. REINSTALL TO MATCH EXISTING. REPLACE ALL DAMAGED TILES. MODEL & TYPE OF NEW CEILING TILES SHALL MATCH EXISTING.
 - EXIST. CABINET SINKS THROUGHOUT THE SCHOOL ARE TO BE REPLACED. REFER TO DWGS. A2.03 THRU A2.05 FOR LOCATIONS. PC SHALL DISCONNECT EXIST. PLUMBING PIPING TO ACCOMMODATE REMOVAL OF EXIST. CABINETS. REMOVE EXIST. SINKS & FAUCETS & PLUMBING ACCESSORIES & DISPOSE OFF THE SITE. INSTALL NEW SINKS WITH NEW FAUCETS ON NEW CABINETS & CONNECT TO EXIST. PLUMBING PIPING.

ITEM #	PLUMBING KEY NOTES (PROPOSED)
1	NEW SUMP BASIN W/ DUPLEX PUMPS. SEE DETAIL 1/P6.01.
2	NEW SUMP PUMP IN ELEVATOR SUMP PIT. SEE DETAIL 2/P6.01.
3	NEW 1-1/2" DISCHARGE PIPING ABOVE NEW CLG W/ SLOPE OF 1/8" PER FT.
4	GC TO SAWCUT EXIST. FLOOR & PC TO RECESS NEW CD PUMP BELOW SLAB TO ALLOW GRAVITY DRAIN OF CD FROM EXIST. FCU.
5	CONNECT NEW 3/4" CD TO EXIST. PIPING & NEW CD PUMP.
6	NEW 3/4" CD ABOVE NEW/EXIST. CLG. W/ SLOPE OF 1/4" PER FT.
7	NEW 3/4" CD DN & CONNECT TO EXIST. SINK TAILPIECE.
8	RELOCATED AIR COMPRESSOR ON NEW 6" HIGH CONCRETE PAD. RECONNECT TO EXIST. DRY PIPE SPRINKLER SYSTEM. CONNECT DRAIN TUBING TO NEW CDP-2 ON FLOOR.
9	RELOCATED AIR DRYER. SUPPORT OFF WALL W/ NEW SUPPORT BRACKETS. RECONNECT TO EXIST. DRY PIPE SPRINKLER SYSTEM. CONNECT DRAIN TUBING TO NEW CDP-2 ON FLOOR.
10	NEW 3/4" COMPRESSED AIR PIPING DN & CONNECT TO EXIST. AIR COMPRESSOR. PROVIDE A PRESSURE GAUGE ON PIPE RISER.
11	NEW 3/4" COMPRESSED AIR PIPING ABOVE NEW CLG.
12	NEW 1" DRAIN PIPING ABOVE NEW CLG. W/ SLOPE OF 1/4" PER FT.
13	NEW 2" WASTE, 3/4" DCW & DHW & 1/2" DHWR. INSTALL ABOVE CLG.
14	NEW 2" WASTE, 3/4" DCW & DHW & 1/2" DHWR. INSTALL TIGHT TO CLG.
15	PC TO NOTE THAT THERE IS SUBSTANTIAL AMOUNT OF UTILITY PIPING & ELECTRICAL CONDUITS IN THIS AREA. CORE-DRILL EXIST. WALLS FOR NEW PIPE PENETRATIONS & CAULK W/ 2-HR RATED FIRESTOPPING MATERIALS. PROVIDE ALL REQUIRED PIPE ELBOWS TO GET AROUND EXIST. PIPING, CONDUITS, ETC.
16	PC TO NOTE THAT THERE ARE SUBSTANTIAL AMOUNT OF UTILITY PIPING & ELECTRICAL CONDUITS THRU THIS WALL & ELECTRICAL JUNCTION BOXES, ETC. ON THE WALL. CORE-DRILL EXIST. WALL FOR NEW PIPE PENETRATIONS & CAULK W/ 2-HR RATED FIRESTOPPING MATERIALS. PROVIDE ALL REQUIRED PIPE ELBOWS TO GET AROUND EXIST. PIPING, CONDUITS, JUNCTION BOXES, ETC.

1 Partial Lower Level Plumbing Proposed Plan
1/8" = 1'-0"



Date: 1/10/20
Checked: AL
Drawn: IM/AL

MICHAEL J. MCGOVERN, P.E.
REGISTERED ARCHITECT
License No. 022257-1

Revisions:
ISSUE TO BID 11/23/20

LAN ASSOCIATES
engineering • planning • architecture • surveying
252 MAIN STREET, GOSHEN, NEW YORK 10924 (845)615-0350

UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS DOCUMENT IS A VIOLATION OF SECTION 2209 OF THE NEW YORK STATE EDUCATION LAW. THESE DOCUMENTS REMAIN THE EXCLUSIVE PROPERTY OF THE ENGINEER, AND MAY NOT BE USED FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN CONSENT OF THE ENGINEER.

2019 BOND REFERENDUM
LOWER LEVEL PLUMBING PROPOSED PLAN
MAMARONECK AVENUE ELEMENTARY SCHOOL
MAMARONECK UNION FREE SCHOOL DISTRICT
850 MAMARONECK AVENUE, MAMARONECK, NY 10543

Job No. 4.1092.72.2
File No. 10927202P201

P2.02

NYSED PROJECT # 66-07-01-03-0-004-030