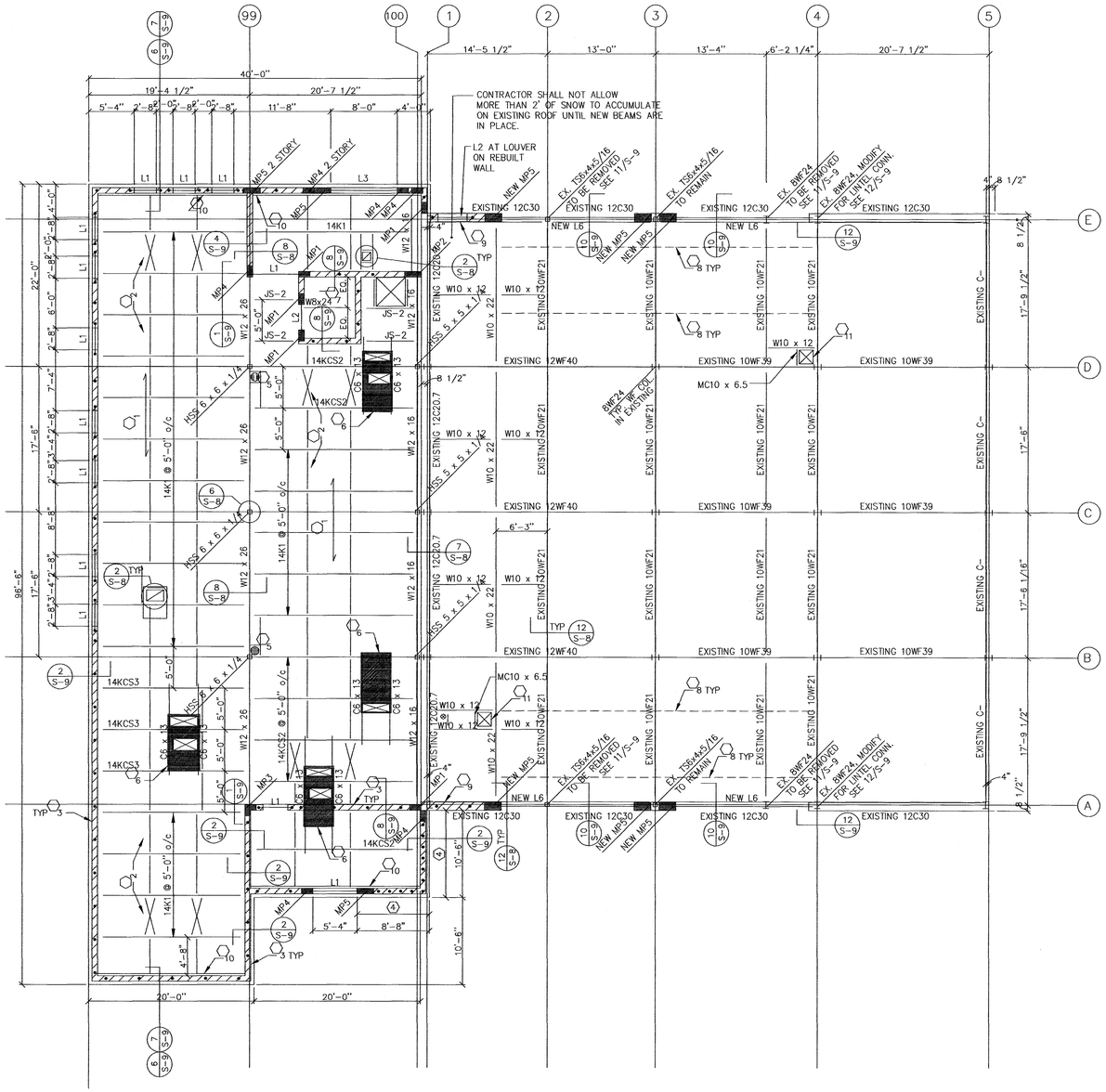

1 ROOF FRAMING PLAN

PLAN NORTH

PLAN NOTES:

- SEE SHEETS S-4 AND S-5 FOR GENERAL NOTES AND SCHEDULES.
- ALL DIMENSIONS AND ELEVATIONS SHALL BE VERIFIED BY CONTRACTOR TO CONFORM WITH THOSE SHOWN ON ARCHITECTURAL PLANS.
- (XXX'-X") INDICATES T/BEAM OR JOIST BEARING.
- T/BEAM / JOIST BEARING EL. 126'-0" AT NEW CONSTRUCTION U.N.O.
- FOR ALL MASONRY WALLS, PROVIDE (MINIMUM) 1-#5 GROUTED SOLID AT EACH SIDE OF DUCT OPENINGS, DOORS, WINDOWS, ETC. U.N.O. PROVIDE HORIZONTAL JOINT REINFORCING PER GENERAL NOTES.
- "JS-2" INDICATES JOIST SUBSTITUTE, SEE DETAIL 9/S-8.
- PROVIDE 6 1/2" x 6 1/2" x 1/2" CAP >'S ON COLUMNS AT JOIST BEARING
- (•) INDICATES TYPICAL WALL REINFORCING, (1) - #5 GROUTED SOLID. SEE NOTES (3) AND (4) BELOW.
- SEE ARCHITECTURAL PLANS FOR WALL CONTROL JOINT LOCATIONS.

KEYED NOTES:

1. 1 1/2" 22 GA. PAINTED WIDE RIB METAL DECK, 3 SPAN MINIMUM. SEE GENERAL NOTES AND DETAIL 1/S-8
2. HORIZONTAL JOIST BRIDGING TOP AND BOTTOM PER SJI w/ X-BRIDGING WHERE SHOWN ON PLAN. PROVIDE ADDITIONAL UPLIFT BRIDGING AT EACH END OF JOIST AND AS REQUIRED BY DESIGN. SEE GENERAL NOTES FOR ADDITIONAL JOIST REQUIREMENTS.
3. TYPICAL CMU WALL U.N.O.: 8" CONCRETE BLOCK w/ GROUTED VERTICAL REINFORCING, #5 @ 48" MAX o/c W/DOWELS TO MATCH INTO FOOTING. SEE PLAN NOTES FOR ADDITIONAL REQUIREMENTS. SEE DETAIL 9/S-9 FOR WALL REINFORCING AT LINTELS.
4. EXTERIOR BEARING WALL AT STAIR WHERE NOTED: 8" CONCRETE BLOCK w/ GROUTED VERTICAL REINFORCING, #5 @ 16" MAX o/c W/DOWELS TO MATCH INTO FOOTING. SEE PLAN NOTES FOR ADDITIONAL REQUIREMENTS. SEE DETAIL 9/S-9 FOR WALL REINFORCING AT LINTELS.
5. R.D. INDICATES ROOF DRAIN. SEE SECTION 2/S-8 FOR FRAMING AROUND ROOF DRAIN AND MISCELLANEOUS OPENINGS SHOWN OR NOT SHOWN. SEE SECTION 4/S-8 FOR REINFORCING AT CONCENTRATED LOADS.
6. ROOFTOP HVAC UNIT
   - MAXIMUM LOAD TO ANY SINGLE JOIST = 600 LBS INCLUDING CURBS AND ACCESSORIES. (900 LBS AT 14 KCS3)
   - MAXIMUM TOTAL WEIGHT OF UNIT = 1250 LBS INCLUDING CURBS AND ACCESSORIES (1600 LBS AT 14 KCS3).
   - FRAME DUCT OPENINGS THROUGH ROOF PER 2/S-8.
   - REINFORCE JOISTS PER 3/S8.
7. BEAR BEAM PER 1/S-9. BEAM MAY BE USED AS HOIST BEAM FOR ELEVATOR INSTALLATION.
8. PURLINS AT OVERHEAD DOOR SUPPORTS BY OVERHEAD DOOR SUPPLIER.
9. NEW COMPOSITE CMU WALL TO MATCH EXISTING W/ #5 VERTICAL GROUTED SOLID @ 48" o/c. FULLY PARGE BETWEEN CMU AND FACE BRICK.
10. DECK ANGLE PER 7/S-9 (TYP).
11. NEW HVAC OPENING IN EXISTING DECK, FRAME OPENING WITH STEEL BEAMS (SHOWN)

City of Milwaukee
Department of Public Works
Infrastructure Services Division
Facilities Development & Management Services

Police Radio Repair Shop
Air Handling Unit Installation
4733 W. Vliet Street

EXISTING ROOF FRAMING PLAN (REFERENCE ONLY)

REVISIONS

DESIGNED BY	DTP
DRAWN BY	DTP
CHECKED BY	TET
DATE	July 2011
SCALE	1/8"=1'-0"
JOB NUMBER	
SHEET NUMBER	S-1
OF	1