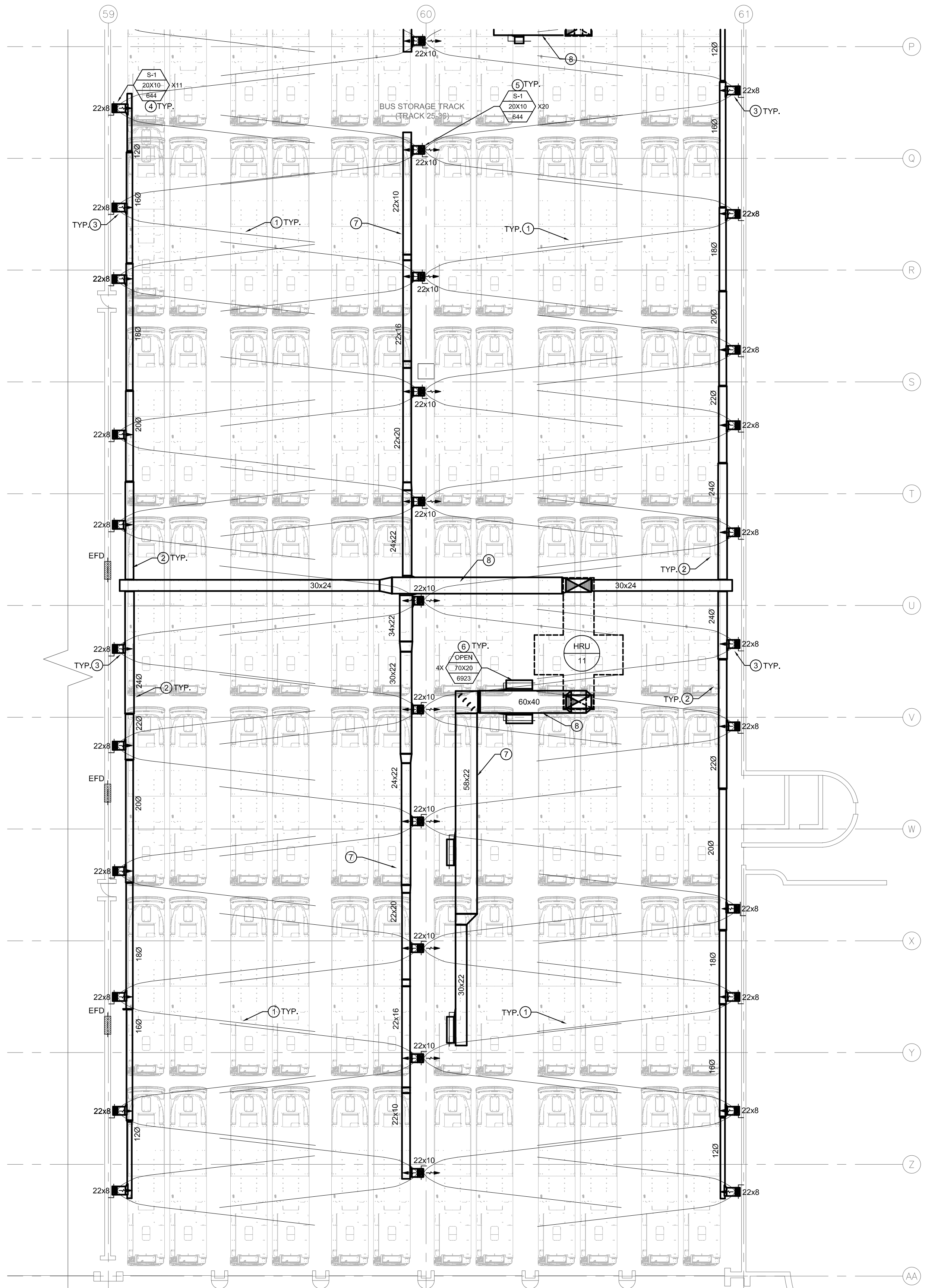
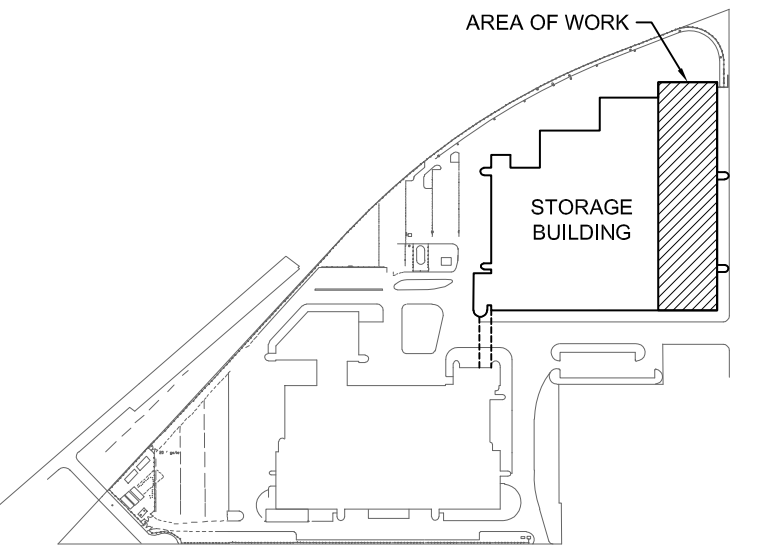


1 MAIN FLOOR PLAN - TRACK 25-36 - VENTILATION - NEW CONSTRUCTION (GRID LINES A-P)
 M4.1 SCALE: 1/16" = 1'-0"



2 MAIN FLOOR PLAN - TRACK 25-36 - VENTILATION - NEW CONSTRUCTION (GRID LINES P-AA)
 M4.1 SCALE: 1/16" = 1'-0"

ALL SUPPLY AIR DUCTWORK MAINS RUNNING EAST - WEST ALONG GRIDLINE G, N AND U TO BE MANUFACTURED AS 2" W.C. PER SMACNA STANDARD. ALL REMAINING SUPPLY AIR DUCTWORK TO BE MANUFACTURED AS 1.0" W.C. PER SMACNA STANDARD.
 ALL EXHAUST AIR DUCTWORK TO BE MANUFACTURED AS 1.0" W.C. PER SMACNA STANDARD.



GENERAL NOTES

- A. THIS BUILDING MAY CONTAIN ASBESTOS. REFER TO FRONT END SPECIFICATIONS FOR FURTHER INFORMATION.
- B. REFER TO ROOF DETAILS AND SPECIFICATIONS FOR ALL NEW AND CAPPED OPENINGS.

KEY NOTES @

1. THEORETICAL AIR FLOW PATTERN FROM SUPPLY GRILLES WITH A 0° VERTICAL DEFLECTION AND 22.5° HORIZONTAL DEFLECTION. AIM GRILLES PRIOR TO BALANCING.
2. INSTALL DUCTWORK TO UNDERSIDE OF JOIST TO MAINTAIN MINIMUM 144" CLEAR.
3. RUN DUCT DOWN WALL TO SUPPLY GRILLE AT FLOOR LEVEL C/W BALANCING DAMPER ON BRANCH. SUPPORT DUCT FROM WALL.
4. SUPPLY AIR GRILLE AT LOW LEVEL. ±2" ABOVE FLOOR. REFER TO 1/M6.1 FOR DUCTWORK DETAILS.
5. RUN DUCT DOWN COLUMN TO SUPPLY GRILLES AT FLOOR LEVEL C/W BALANCING DAMPER ON BRANCH. SUPPORT DUCT FROM COLUMN. REFER TO 2/M6.1 FOR DUCTWORK DETAILS.
6. OPEN ENDED EXHAUST OPENING/ C/W WIREMESH, AT HIGH LEVEL.
7. DUCT MAINS RUNNING NORTH/SOUTH SHALL BE INSTALLED ABOVE A SINGLE BUS LANE TO ALLOW OTHER LANES TO REMAIN ACTIVE DURING CONSTRUCTION.
8. DUCTS RUNNING EASTWEST TO BE RECESSED UP INTO JOIST SPACE.

0	ISSUED FOR CONSTRUCTION	JH	16/01/20
NO.	Description	BY	DDMMYY

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Project Title
**CITY OF WINNIPEG FORT ROUGE
 TRANSIT BASE - STORAGE
 TRACK 25-36 - MECHANICAL
 UPGRADE**
 WINNIPEG MANITOBA

Drawing Title
**MAIN FLOOR PLAN -
 TRACK 25-36 -
 VENTILATION -
 NEW CONSTRUCTION**

Drawn By IE	Checked By XZ	Approved By JH
Scale AS NOTED	Date JANUARY, 2020	Project No. 19-332-02
Revision Number 0	Drawing Number M4.1	Sheet Order 10 OF 14

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