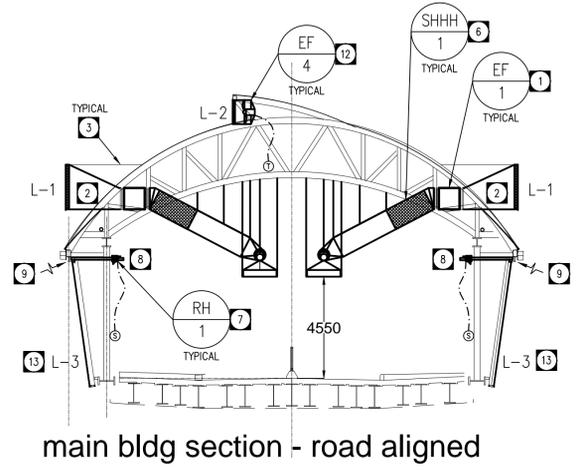


MAIN FLOOR PLAN
SCALE: 1:150

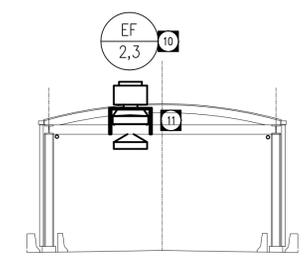
DRAWING NOTES

- 1 INLINE VANE AXIAL FAN (10,000 CFM). CONTROL VIA 7-DAY, 24 HOUR TIMER. COORDINATE MOUNTING WITH STRUCTURAL AND ARCHITECTURAL DRAWINGS. UNIT TO BE MOUNTED WITH VIBRATION ISOLATORS AND HAVE FLEXIBLE DUCT CONNECTIONS AT UNIT.
- 2 CONCENTRIC CONE TRANSITION DUCT TO LOUVER. OFFSET TO ALLOW ROOM FOR FAN MOTOR AND HOUSING. COORDINATE PLACEMENT WITHIN DORMER SECTION WITH ARCHITECTURAL.
- 3 DORMER SECTION BY ARCHITECTURAL.
- 4 PIPING SHOWN SCHEMATICALLY. COORDINATE WITH SITE SERVICES CONTRACTOR FOR EXACT LOCATION.
- 5 PIPING TO RISE TIGHT TO STRUCTURE TO UNDERSIDE OF ROOF TRUSS.
- 6 INLINE DUCT SILENCER TO BE SUPPORTED TO ROOF TRUSS WITH SPRING ISOLATORS.
- 7 NATURAL GAS RADIANT HEATER TO BE MOUNTED APPROX. 20' AFF. HANG SEMI-RIGIDLY AT 45 DEGREES AS PER MANUFACTURER'S REQUIREMENTS. MAINTAIN DISTANCE FROM COMBUSTIBLES AS PER MANUFACTURER'S REQUIREMENTS.
- 8 1274(5") TYPE 'C' FLUE VENT TO RUN 300MM FROM END OF UNIT, THEN TURN AND TERMINATE IN SPACE TOWARD BUS LANE EXHAUST HOODS.
- 9 1000(4") COMBUSTION AIR INTAKE FOR RADIANT HEATER. COORDINATE ENVELOPE PENETRATION SEALING WITH ARCHITECTURAL.
- 10 TOP DISCHARGE EXHAUST FAN TO BE MOUNTED ON TOP OF DUCT ELBOW. COORDINATE STRUCTURAL SUPPORT.

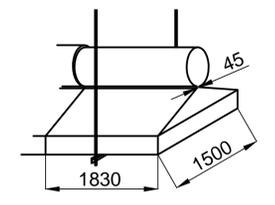
- 11 MAIN ROUND HORIZONTAL DUCT TO TRANSITION TO 1600MM(63") X 356MM(14") AND RISE SLIGHTLY TO PASS OVER STRUCTURAL BEAM. SEE DETAIL.
- 12 EXHAUST FAN TO BE MOUNTED IN SHORT DUCT SECTION ATTACHED TO LOUVER/DAMPER, L-2. CONTROL IS VIA THERMOSTAT IN CEILING SPACE. TEN UNITS TO BE EQUALLY SPACED BETWEEN GRIDLINE 8A-7B TO GRIDLINE 18A-17B ALONG BUS LOUVER STRUCTURE. LOUVER TO BE CONTINUOUS WITH SECTIONS BETWEEN ACTIVE FANS TO BE BLANKED OFF. COORDINATE WITH ARCHITECTURAL FOR FINISH AND MOUNTING DETAILS.
- 13 COORDINATE LOUVER WITH MANUAL DAMPER INSTALLATION WITH ARCHITECTURAL DRAWINGS. MANUAL DAMPER TO BE OPERATED SEASONALLY AND ACCESSIBLE VIA FLOOR GRATE.
- 14 5 KW FORCE FLOW TO BE PROVIDED AND INSTALLED BY ELECTRICAL. COORDINATE EXACT PLACEMENT WITH MECHANICAL, ELECTRICAL, AND SPRINKLER TRADES.
- 15 DUCT SIZES TYPICAL FOR EIGHT (8) INTERIOR EXHAUST HOOD SECTIONS.



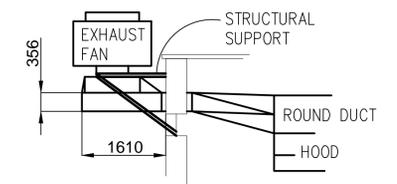
main bldg section - road aligned



wind baffle section - road aligned
grid lines 1-1 and 25-25



TYPICAL HOOD SECTION
SCALE: NTS



END EXHAUST DETAIL
SCALE: NTS



NOVA 3 ENGINEERING LTD.
CONSULTING ENGINEERS
201-120 FORT STREET TEL: (204) 943-6142
WINNIPEG, MANITOBA FAX: (204) 942-1276
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ASSOCIATE ARCHITECT:
Friesen Tokar
Architects + Landscape + Interior

LOCATION	APPROVED	B.M. ELEV.
UNDERGROUND	STRUCTURES	
SUPV. U/G STRUCTURES COMMITTEE	DATE	
NOTE: LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE. BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.		
NO.	REVISIONS	DATE BY
1	ISSUED FOR TENDER	10/05/14 IS

DESIGNED BY	IS
DRAWN BY	IS
CHECKED BY	JHG
APPROVED BY	JHG
HOR. SCALE	as noted
VERTICAL	
DATE	2010/05/14

gpparchitecture

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ENGINEER

PROVINCE OF MANITOBA

J.H. GUENTHER
2010/05/13
REGISTERED ENGINEER

CONSULTANT PROJECT NO.
088813

THE CITY OF WINNIPEG
TRANSIT DEPARTMENT

Winnipeg

SOUTHWEST RAPID TRANSIT CORRIDOR - STAGE 1
OSBORNE STATION & ASSOCIATED WORKS

FLOOR PLAN / SECTIONS

CITY DRAWING NUMBER
B237-10-94

SHEET
94 OF 121

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