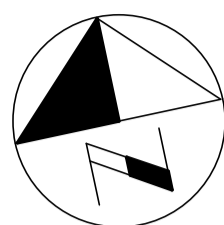
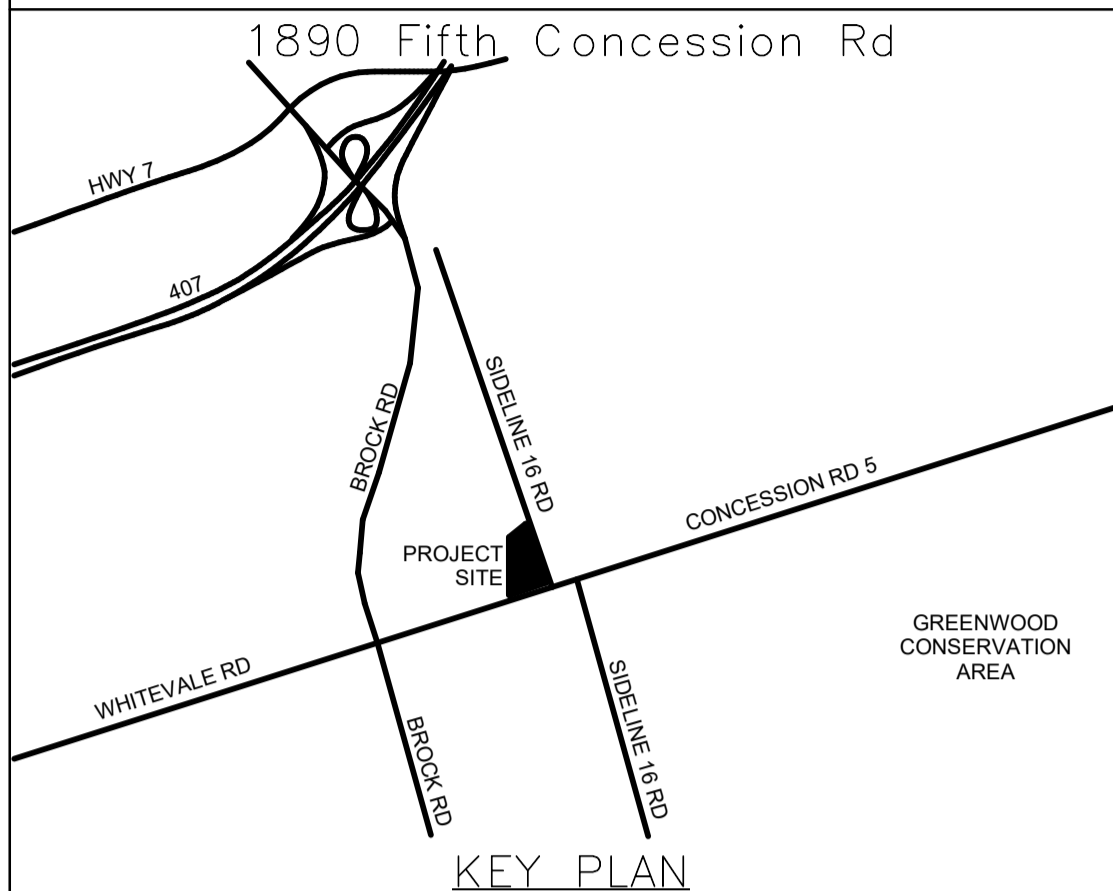


1. PROVIDE SILVER COLOURED GRAFFY BACKDRAFT GRATE FOR RANGE HOOD AND WASHROOM EXHAUST. (TYPICAL OF 3) INSTALL AT 3500 AFF
2. DUCT DOWN TO 300MM A.F.F. COMPLETE WITH BALANCING DAMPER. TERMINATE AT E3 GRILLE..
3. 35000 TRANSFER DUCT TO BE 300X300 UNLESS INDICATED OTHERWISE. PROVIDE ACOUSTICALLY LINED DUCT FOR ALL TRANSFER AIR DUCTS.
4. RETURN AIR PLENUMS OF FAN COIL TO BE ACOUSTICALLY LINED COMPLETE WITH MITERED SINGLE THICKNESS VANE ELBOW. FOR SIZE, REFER TO MANUFACTURER SPECIFICATION. (TYPICAL FOR ALL FAN COILS)
5. PROVIDE ACCESS DOORS FOR ALL FAN COILS, VAV TERMINAL BOXES AND BALANCING DAMPERS IN AREAS WITHOUT T-BAR CEILING.
6. INSTALL GAS DETECTORS OF VEHICLE BAY AT 1500mm A.F.F.
7. ROOM THERMOSTATS OF FOLLOWING FAN COIL UNITS SHALL HAVE INTEGRATED RELATIVE HUMIDITY SENSOR AND CO2 SENSOR: FC-3,4,5,9,13&19
8. ROOM THERMOSTATS OF FOLLOWING FAN COIL UNITS SHALL HAVE INTEGRATED RELATIVE HUMIDITY SENSOR, CO2 SENSOR AND OCCUPANCY SENSOR: FC-10&11
- a. AIR BALANCING AND SEQUENCING OF MOTORIZED DAMPERS:
 - a. WHEN EMS IS THE ONLY OCCUPIED SPACE OF THE BUILDING (AS DETERMINED BY THE TIME-OF-DAY SCHEDULING) GENERAL RETURN AIR DAMPER (MD-4) SHALL BE CLOSED AND WASHROOM EXHAUST AIR DAMPER (MD-5) SHALL BE FULLY OPEN.
 - b. WHEN THE ENTIRE SPACE OF THE BUILDING IS OCCUPIED (AS DETERMINED BY THE ZONE OCCUPANCY SENSORS AND TIME-OF-DAY SCHEDULING) DAMPERS (MD-3) AND (MD-5) SHALL BE FULLY OPEN AND DAMPER (MD-4) SHALL ONLY BE OPEN TO ALLOW A MAXIMUM AIRFLOW RATE OF 885 L/S AT COMPLETION OF THE SPACE. DURING THE SPEED OF SUPPLY AND RETURN FAN TO DELIVER 1755 CFM (830 LPS) TO THE VAV BOXES OF FASE-1.



ALL MEASUREMENTS ARE TO BE VERIFIED BY THE CONTRACTOR ON SITE AND ANY DISCREPANCIES ARE TO BE REPORTED BEFORE PROCEEDING WITH THE WORK. THE REGION OF DURHAM ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE LOCATION OF EXISTING SERVICES AS INDICATED ON THIS DRAWING. DO NOT SCALE DRAWINGS.

[illegible]

NO.	DATE.	NAME	REVISIONS
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PRIME CONSULTANT

AECOM

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SUB CONSULTANT



DESIGN BY: Designer	SCALE: As indicated
DRAWN BY: Author	DATE: 10/27/20
CHECKED BY: Checker	CONSULTANT PROJECT NO. 60611569
APPROVED BY: Approver	CLIENT FILE No.: 811/20

CONTRACT REVISIONS				
	2	10/18/21		ADDENDUM #1
	1	10/18/21		RESPONSE TO CITY COMMENTS
	0	09/22/21		ISSUED FOR TENDER
	NO	DATE	NAME	REVISIONS



THE REGIONAL MUNICIPALITY
OF DURHAM

WORKS DEPARTMENT
DESIGN, CONSTRUCTION & ASSET MANAGEMENT

NEW SEATON PARAMEDIC STATION
AND TRAINING FACILITY IN PICKERING
FIRST FLOOR PLAN – HVAC

PROPERTY NO.	FACILITIES CODE	FACILITIES PROJECT NO. P061-18-01
CONTRACT NO. T-1160-2021	DRAWING NO. M-300	SHEET NO.

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