

NEW HYDROGEN GENERATION (HOGEN) & BALLOON LAUNCHING BUILDING

6248 8TH LINE, EGBERT, ONTARIO L0L 1N0

PROJECT NUMBER: R.071909.001

DRAWING LIST

ARCHITECTURAL:

- A001 COVER PAGE
- 010 SURVEY
- A100 WALL TYPES AND GENERAL NOTES
- A200 HOGEN - PLANS
- A300 HOGEN - REFLECTED CEILING PLANS
- A400 HOGEN - ELEVATIONS
- A500 HOGEN - SECTIONS
- A600 HOGEN - DETAILS
- A601 HOGEN - DETAILS
- A800 INTERIOR ELEVATIONS
- A900 DOOR / WINDOW TYPES AND SCHEDULES

CIVIL:

- C01 HOGEN - REMOVALS
- C02 HOGEN - SITE PLAN
- C03 OPERATIONS TRAILER - REMOVALS AND SITE PLAN

ELECTRICAL:

- E000 LEGEND
- E001 SITE PLAN
- E200 FLOOR PLANS
- E201 GROUNDING

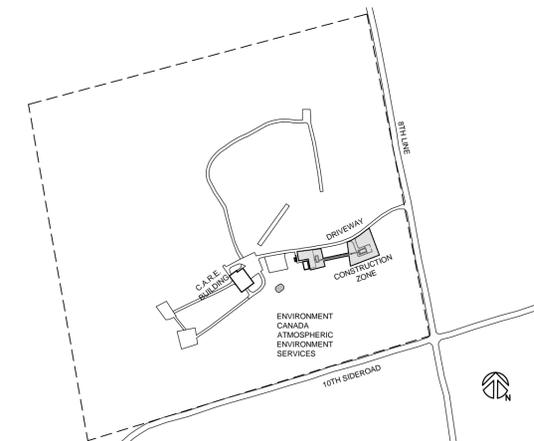
MECHANICAL:

- M000 MECHANICAL LEGEND, DRAWING LIST AND GENERAL NOTES
- M100 FLOOR PLAN HYDROGEN / WATER SYSTEM

- M200 HYDROGEN/WATER SYSTEM SCHEMATIC & EQUIPMENT SCHEDULE
- M201 HYDROGEN/WATER SYSTEM GOVERNMENT FURNISHED EQUIPMENT DETAILS
- M300 FLOOR PLAN - VENTILATION SYSTEM
- M301 VENTILATION SYSTEM DETAILS & EQUIPMENT SCHEDULE
- M400 CONTROL SYSTEM SCHEMATIC & INPUT/OUTPUT SCHEDULE

STRUCTURAL:

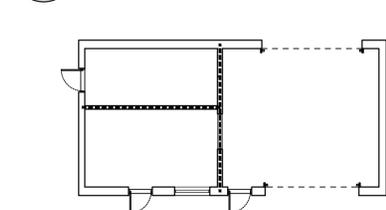
- S100 GENERAL NOTES
- S200 PLANS AND TYPICAL DETAILS
- S300 SECTIONS
- S400 ELEVATIONS
- S100-OP GENERAL NOTES
- S200-OP PLAN, TYPICAL DETAILS AND SECTIONS



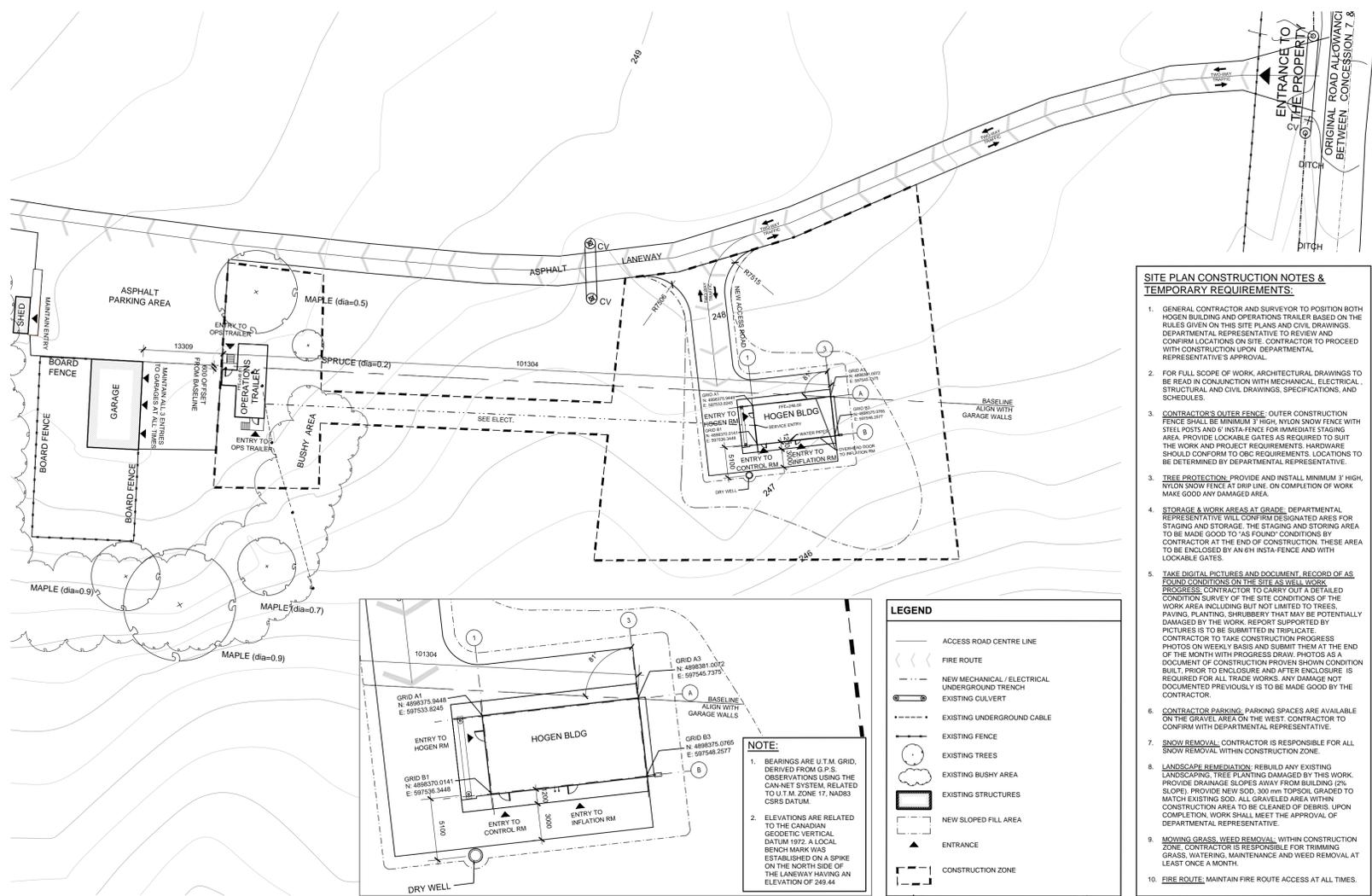
4 LOCATION MAP
A001 NTS

ITEM	ONTARIO BUILDING CODE DATA MATRIX PARTS 3	OBC REFERENCE																								
1	PROJECT DESCRIPTION: <input type="checkbox"/> NEW <input type="checkbox"/> ADDITION <input type="checkbox"/> CHANGE OF USE <input type="checkbox"/> ALTERATION	<input type="checkbox"/> PART 11 <input type="checkbox"/> PART 3 <input type="checkbox"/> PART 9																								
2	MAJOR OCCUPANCY(S) F1 (Hydrogen Generation and Balloon Launching)	3.1.2.1.(1)																								
3	BUILDING AREA (m ²) 86.26 m ² TOTAL	1.1.3.2																								
4	GROSS AREA 86.26 m ² TOTAL	1.1.3.2																								
5	NUMBER OF STOREYS ABOVE GRADE 1 BELOW GRADE 0	3.2.1.1 & 1.1.3.2																								
6	NUMBER OF STREETS/FIRE FIGHTER ACCESS 1	3.2.2.10 & 3.2.5.5																								
7	BUILDING CLASSIFICATION GROUP F1, 1 Storey	3.2.2.66																								
8	SPRINKLER SYSTEM PROPOSED <input type="checkbox"/> ENTIRE BUILDING <input type="checkbox"/> BASEMENT ONLY <input type="checkbox"/> IN LIEU OF ROOF RATING <input type="checkbox"/> NOT REQUIRED	3.2.2.66																								
9	STANDPIPE REQUIRED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	3.2.9																								
10	FIRE ALARM REQUIRED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	3.2.4																								
11	WATER SERVICE/SUPPLY IS ADEQUATE <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	3.2.5.7																								
13	PERMITTED CONSTRUCTION <input type="checkbox"/> COMBUSTIBLE <input type="checkbox"/> NON-COMB. <input type="checkbox"/> BOTH	3.2.2.66																								
14	ACTUAL CONSTRUCTION <input type="checkbox"/> COMBUSTIBLE <input type="checkbox"/> NON-COMB. <input type="checkbox"/> BOTH	3.2.2.66																								
14	MEZZANINE(S) AREA (m ²) N/A	3.2.1.1.(6)																								
15	OCCUPANT LOAD BASED ON <input type="checkbox"/> m ² /PERSON <input type="checkbox"/> DESIGN OF BUILDING	3.1.16																								
5 PERSONS																										
16	BARRIER-FREE DESIGN <input type="checkbox"/> YES <input type="checkbox"/> NO (EXPLAIN) Group F1	A-3.8.1.1																								
17	HAZARDOUS SUBSTANCES <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	3.3.1.2																								
18	REQUIRED FIRE RESISTANCE RATING (FRR)	3.2.2.66																								
<table border="1"> <thead> <tr> <th>FLOORS</th> <th>HOURS</th> <th>LISTED DESIGN No. OR DESCRIPTION (Sg-2)</th> </tr> </thead> <tbody> <tr> <td>FLOORS</td> <td>N/A</td> <td></td> </tr> <tr> <td>ROOF</td> <td>-</td> <td></td> </tr> <tr> <td>MEZZANINE</td> <td>-</td> <td></td> </tr> <tr> <td>FRR OF SUPPORTING MEMBERS</td> <td></td> <td>LISTED DESIGN No. DESCRIPTION (Sg-2)</td> </tr> <tr> <td>FLOORS</td> <td>N/A</td> <td></td> </tr> <tr> <td>ROOF</td> <td>-</td> <td></td> </tr> <tr> <td>MEZZANINE</td> <td>-</td> <td></td> </tr> </tbody> </table>		FLOORS	HOURS	LISTED DESIGN No. OR DESCRIPTION (Sg-2)	FLOORS	N/A		ROOF	-		MEZZANINE	-		FRR OF SUPPORTING MEMBERS		LISTED DESIGN No. DESCRIPTION (Sg-2)	FLOORS	N/A		ROOF	-		MEZZANINE	-		
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20	PLUMBING FIXTURE REQUIREMENTS N/A																									
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20	OTHER - DESCRIBE																									

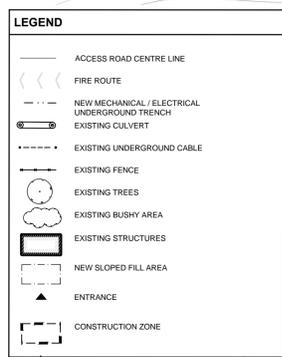
3 OBC MATRIX
A001 NTS



1 FIRE SEPARATION DIAGRAM
A001 1:150



- #### SITE PLAN CONSTRUCTION NOTES & TEMPORARY REQUIREMENTS:
- GENERAL CONTRACTOR AND SURVEYOR TO POSITION BOTH HOGEN BUILDING AND OPERATIONS TRAILER BASED ON THE RULES GIVEN ON THIS SITE PLAN AND CIVIL DRAWINGS. DEPARTMENTAL REPRESENTATIVE TO REVIEW AND CONFIRM LOCATIONS ON SITE. CONTRACTOR TO PROCEED WITH CONSTRUCTION UPON DEPARTMENTAL REPRESENTATIVE'S APPROVAL.
 - FOR FULL SCOPE OF WORK, ARCHITECTURAL DRAWINGS TO BE READ IN CONJUNCTION WITH MECHANICAL, ELECTRICAL, STRUCTURAL AND CIVIL DRAWINGS, SPECIFICATIONS, AND SCHEDULES.
 - CONTRACTOR'S OUTER FENCE: OUTER CONSTRUCTION FENCE SHALL BE MINIMUM 3' HIGH, NYLON SNOW FENCE WITH STEEL POSTS AND 6' INSTA-FENCE FOR IMMEDIATE STAGING AREA. PROVIDE LOCKABLE GATES AS REQUIRED TO SUIT THE WORK AND PROJECT REQUIREMENTS. HARDWARE SHOULD CONFORM TO OBC REQUIREMENTS. LOCATIONS TO BE DETERMINED BY DEPARTMENTAL REPRESENTATIVE.
 - TREE PROTECTION: PROVIDE AND INSTALL MINIMUM 3' HIGH, NYLON SNOW FENCE AT DRIP LINE. ON COMPLETION OF WORK, MAKE GOOD ANY DAMAGED AREA.
 - STORAGE & WORK AREAS AT GRADE: DEPARTMENTAL REPRESENTATIVE WILL CONFIRM DESIGNATED AREAS FOR STAGING AND STORAGE. THE STAGING AND STORAGE AREA TO BE MADE GOOD TO "AS FOUND" CONDITIONS BY CONTRACTOR AT THE END OF CONSTRUCTION. THESE AREAS TO BE ENCLOSED BY AN 6' INSTA-FENCE AND WITH LOCKABLE GATES.
 - TAKE DIGITAL PICTURES AND DOCUMENT RECORD OF AS FOUND CONDITIONS ON THE SITE AS WELL AS WORK PROGRESS. CONTRACTOR TO CARRY OUT A DETAILED CONDITION SURVEY OF THE SITE CONDITIONS OF THE WORK AREA INCLUDING BUT NOT LIMITED TO TREES, PAVING, PLANTING, SHRUBBERY THAT MAY BE POTENTIALLY DAMAGED BY THE WORK. REPORT SUPPORTED BY PICTURES IS TO BE SUBMITTED IN TRIPPLICATE. CONTRACTOR TO TAKE CONSTRUCTION PROGRESS PHOTOS ON WEEKLY BASIS AND SUBMIT THEM AT THE END OF THE MONTH WITH PROGRESS DRAW. PHOTOS AS A DOCUMENT OF CONSTRUCTION PROVEN SHOWN CONDITION BUILT. PRIOR TO ENCLOSURE AND AFTER ENCLOSURE IS REQUIRED FOR ALL TRADE WORKS. ANY DAMAGE NOT DOCUMENTED PREVIOUSLY IS TO BE MADE GOOD BY THE CONTRACTOR.
 - CONTRACTOR PARKING: PARKING SPACES ARE AVAILABLE ON THE GRAVEL AREA ON THE WEST. CONTRACTOR TO CONFIRM WITH DEPARTMENTAL REPRESENTATIVE.
 - SNOW REMOVAL: CONTRACTOR IS RESPONSIBLE FOR ALL SNOW REMOVAL WITHIN CONSTRUCTION ZONE.
 - LANDSCAPE REMEDIATION: REBUILD ANY EXISTING LANDSCAPING, TREE PLANTING DAMAGED BY THIS WORK. PROVIDE DRAINAGE SLOPES AWAY FROM BUILDING (2% SLOPE). PROVIDE NEW 500, 300 mm TOPSOIL, GRADED TO MATCH EXISTING SOIL. ALL GRAVELED AREA WITHIN CONSTRUCTION AREA TO BE CLEANED OF DEBRIS. UPON COMPLETION, WORK SHALL MEET THE APPROVAL OF DEPARTMENTAL REPRESENTATIVE.
 - MOWING GRASS, WEED REMOVAL: WITHIN CONSTRUCTION ZONE, CONTRACTOR IS RESPONSIBLE FOR TRIMMING GRASS, WATERING, MAINTENANCE AND WEED REMOVAL AT LEAST ONCE A MONTH.
 - FIRE ROUTE: MAINTAIN FIRE ROUTE ACCESS AT ALL TIMES.



2 SITE PLAN
A001 1:500

2A HOGEN - LOCATING PLAN
A001 1:250

PROJECT NORTH ACTUAL NORTH

Public Works and Government Services Canada
Travaux publics et Services gouvernementaux Canada

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05	ISSUED FOR TENDER	2016.01.29
04	99% PROGRESS SET	2015.12.04
03	66% PROGRESS SET	2015.10.30
02	33% PROGRESS SET	2015.10.09
01	ISSUED FOR DBM	2015.05.13

revision _____ date _____

Do not scale drawings. Verify all dimensions and conditions on site and immediately notify the Departmental Representative of all discrepancies.

A	Detail No.
B	No. du détail
C	drawing no. - where detail required
	dessin no. - où détail exigé
	drawing no. - where detailed
	dessin no. - où détaillé

project title
titre du projet
EGBERT Ontario

6248 8TH LINE, L0L 1N0

NEW HYDROGEN GENERATION (HOGEN) AND BALLOON LAUNCHING BUILDING

drawing title
titre du dessin
COVER SHEET

drawn by
dessiné par LN

designed by
conc par CH

approved by
approuvé par CH

bid offre _____ project manager
administrateur de projets

project date
date du projet 2016-01-29

project no.
no. du projet R.071909.001

drawing no.
dessiné no. A001