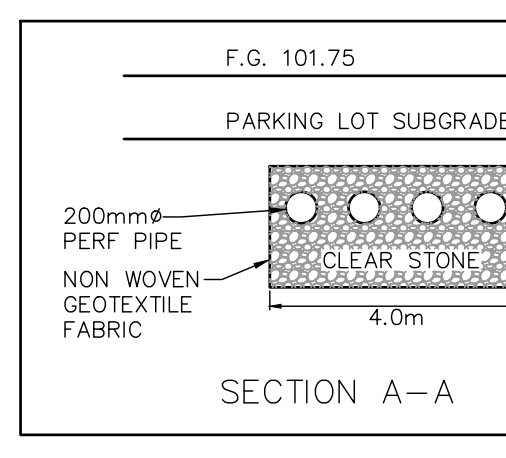
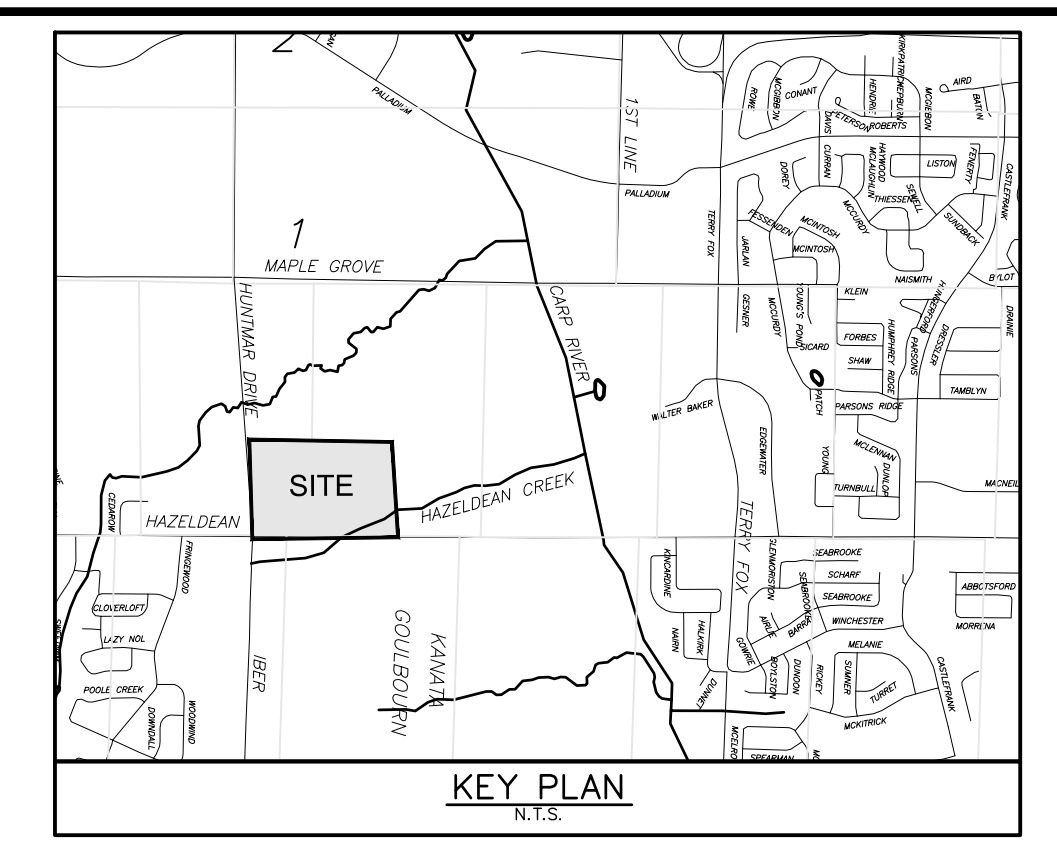


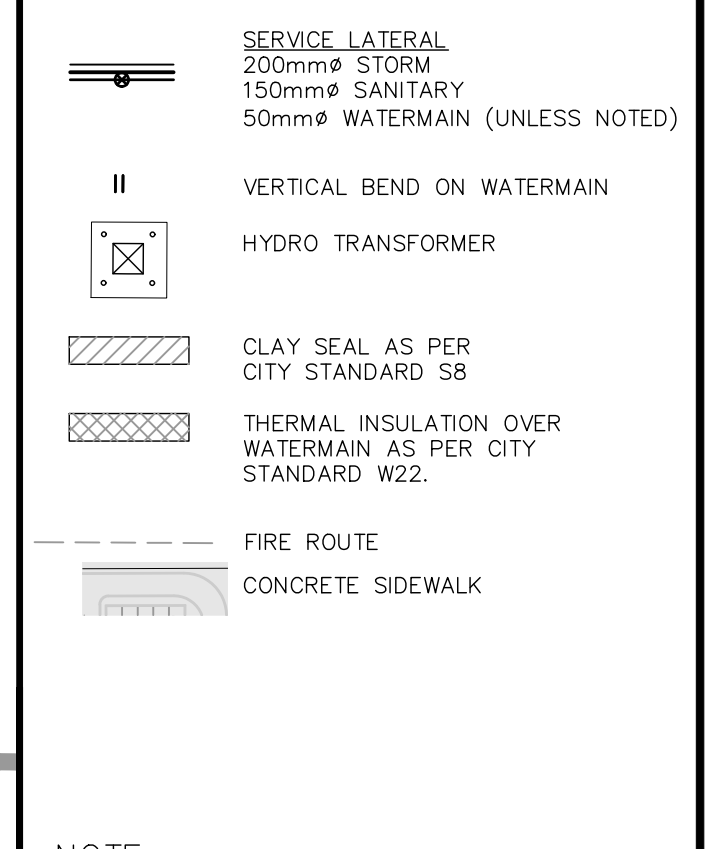
REMOVALS

- 1 SAW CUT AND REMOVE EXISTING BARRIER CURB. REINSTATE WITH DEPRESSED BARRIER CURB AS PER CITY STANDARD SCL1.
- 2 SAW CUT EXISTING ASPHALT AND REINSTATE ROADWAY TO MATCH EXISTING STRUCTURE AS PER CITY STANDARD R10.
- 3 SAW CUT EXISTING BARRIER CURB AND REINSTATE BARRIER CURB AND MEDIAN TO MATCH EXISTING.
- 4 REMOVE EXISTING CURB INLET AND CB AND INSTALL CATCH BASIN AS PER CITY STANDARD S2.
- 5 SAWCUT EXISTING BARRIER CURB, REMOVED EXISTING MEDIAN, EXCAVATE AND INSTALL GRANULAR ROAD BASE TO MATCH EXISTING. INSTALL NEW BARRIER CURB FOR MEDIAN, REINSTATE ASPHALT TO MATCH EXISTING, COMPLETE WITH STEP JOINT.
- 6 REMOVED EXISTING CURB INLET CB FRAME AND COVER AND REPLACE WITH STANDARD CB FRAME AND COVER.
- 7 REMOVED EXISTING HYDRANT, BLANK LEAD AT MAIN AS PER CITY STANDARDS.
- 8 ADJUST MH TO NEW FINISH GRADE.



LEGEND

- PROPOSED STORM MANHOLE
- PROPOSED SANITARY MANHOLE
- PROPOSED CATCHBASIN
- PROPOSED CATCHBASIN MANHOLE
- PROPOSED HYDRANT
- C/W BOTTOM OF FLANGE
- STORM SEWER
- SANITARY SEWER
- WATERMAIN
- PROPOSED CONCRETE SIDEWALK
- PROPOSED CONCRETE CURB
- PROPOSED 90° VALVE & VALVE BOX
- PROPOSED WATER METER
- PROPOSED REMOTE WATER METER
- SIAMESE CONNECTION
- WATERMAIN NOSE (SEE DWG-105)
- PRESSURE REDUCING VALVE
- CROSSING (SEE DWG-105)
- SERVICE LATERAL
- 200mm STORM
- 150mm SANITARY
- 50mm WATERMAIN (UNLESS NOTED)
- VERTICAL BEND ON WATERMAIN
- HYDRO TRANSFORMER
- CLAY SEAL AS PER CITY STANDARD S8
- THERMAL INSULATION OVER WATERMAIN AS PER CITY STANDARD S7
- FIRE ROUTE
- CONCRETE SIDEWALK



REVISIONS

No.	REVISIONS	By	Date
33	REVISED AS PER CITY COMMENTS	DCY	20-03-27
32	REVISED AS PER CITY COMMENTS	DCY	19-12-20
31	REVISED SPA CRU B-3, PAD B, BLD 1	DCY	19-08-29
30	SANITARY OUTLET OVER HIGH CUT BEAN	DCY	18-07-09
29	FIELD ADJUST MH#2 AND SANITARY OUTLET	DCY	18-06-08
28	ISSUED FOR CONSTRUCTION BLDG 2	DCY	18-04-08
27	ISSUED FOR TENDER	DCY	18-01-15
26	REVISED AS PER CITY COMMENTS	DCY	17-11-23
25	ISSUED FOR SPA	DCY	17-11-02
24	REVISED AS PER SITE PLAN	DCY	17-09-08
23	REVISED AS PER SITE PLAN	DCY	17-07-07
22	REVISED AS PER CITY COMMENTS	DCY	17-06-23
21	REVISED BLD 2 & PAD E	DCY	17-02-14
20	REVISED AS PER CITY COMMENTS	DCY	16-08-03
19	SPA BLDG 1 & 2	DCY	16-03-07
18	ISSUED FOR REVIEW	DCY	16-02-19
17	REVISED BLDG 1 & 2	DCY	16-01-21
16	ASBUILT	DCY	15-01-19
15	REVISED AS PER SITE PLAN	DCY	14-11-03
14	SPA	DCY	14-09-09
13	REVISED AS PER SITE PLAN	DCY	14-08-08
12	REVISED AS PER CITY COMMENTS	DCY	14-07-31
11	REVISED DOLLAR & CRUB	DCY	14-06-03
10	REVISED WATER SERVICE FOR PAD F, TENDER	DCY	13-02-28
9	ISSUED FOR PAD F TENDER	DCY	13-02-14
8	REVISED FOR PAD F	DCY	12-11-16
7	REVISED FOR PAD F	DCY	12-08-01
6	ADD INFILTRATION CELL BOX E	DCY	12-06-33
5	REVISED SPARKLER ROOM BOX E	DCY	12-03-09
4	REVISED PER CITY COMMENTS AND PAD E	DCY	12-02-23
3	REVISED FOR BOX E	DCY	12-01-28
2	REVISED SITE PLAN PH1 & PH2	DCY	11-11-24
1	ISSUED FOR APPROVAL	DCY	11-02-27

NORTH AMERICAN DEVELOPMENT GROUP

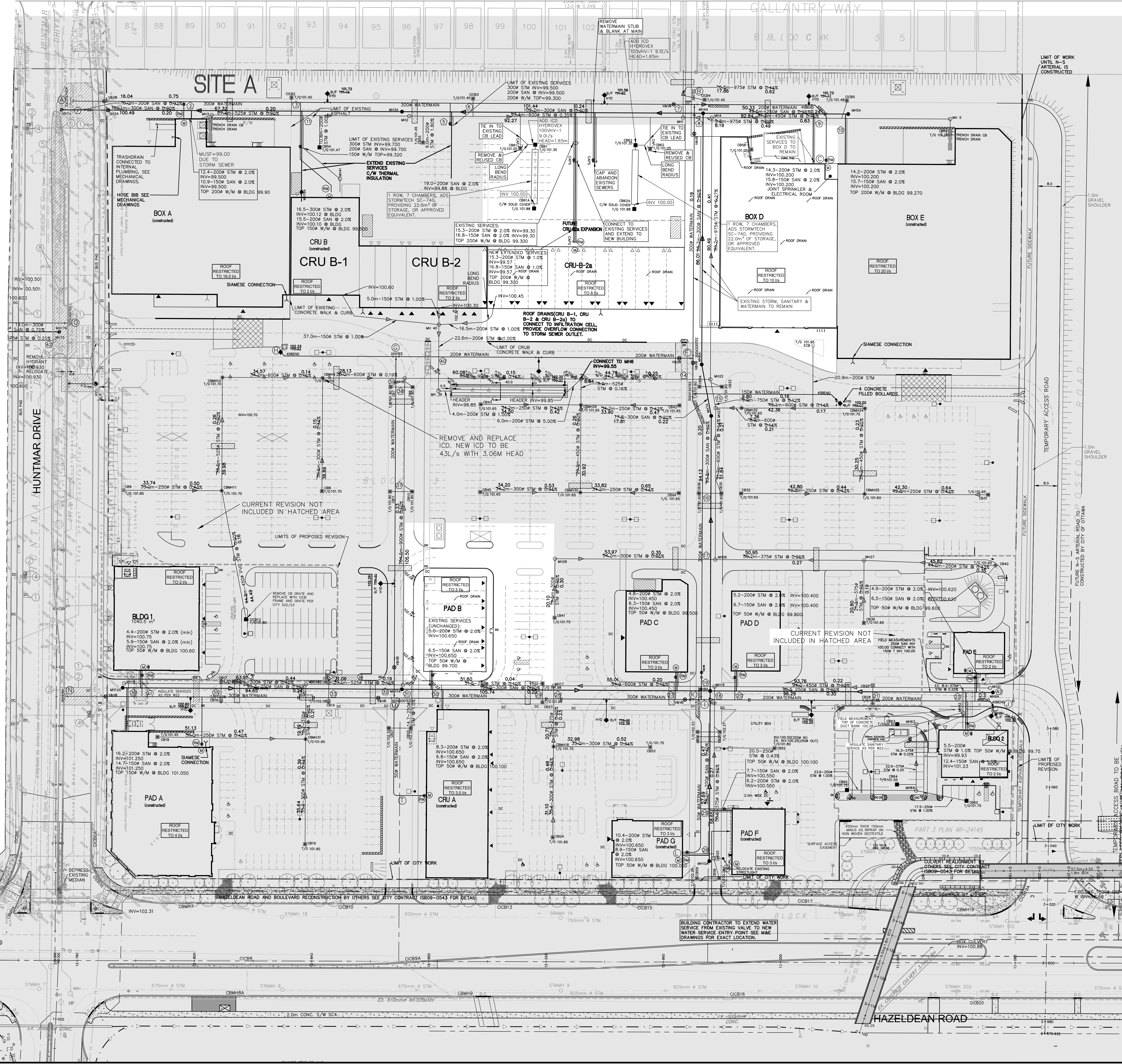
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Project Title  
**5705 HAZELDEAN ROAD**  
**OTTAWA, ONT.**

Drawing Title  
**GENERAL PLAN OF SERVICES  
PHASE 1 & 2**

Scale 1:500

Design	Date
D.G.Y.	OCTOBER 2011
Drawn	Checked
E.H.	D.G.Y.
Project No.	Drawing No.
10113	C-104



STORM MANHOLE SCHEDULE table with columns: LOCATION, INVERT ELEVATIONS (m), TOP COVER (m), MANHOLE TYPE. Includes manholes MH 1 through MH 64.

STORM CATCHBASIN SCHEDULE table with columns: LOCATION, INVERT ELEVATIONS (m), TOP COVER (m). Includes catchbasins CB 1 through CB 59.

WATERMAIN SCHEDULE table with columns: STATION, DESCRIPTION, FINISHED GRADE(m), TOP OF WATERMAIN(m), AS BUILT WATERMAIN(m). Includes stations from 1+100.0 to 1+196.4.

SANITARY MANHOLE SCHEDULE table with columns: LOCATION, INVERT ELEVATIONS (m), TOP COVER (m), MANHOLE TYPE. Includes manholes MH1A through MH18A.

Table with columns: LOCATION, INVERT ELEVATIONS (m), TOP COVER (m). Includes manholes CB 60 through CB 65.

Table with columns: STATION, DESCRIPTION, FINISHED GRADE(m), TOP OF WATERMAIN(m), AS BUILT WATERMAIN(m). Includes stations from 1+200.0 to 1+216.6.

CROSSING SCHEDULE table with columns: LOCATION, INVERT ELEVATIONS (m), TOP COVER (m), MANHOLE TYPE. Lists various crossing types and dimensions.

Table with columns: STATION, DESCRIPTION, FINISHED GRADE(m), TOP OF WATERMAIN(m), AS BUILT WATERMAIN(m). Includes stations from 1+216.6 to 1+222.13.

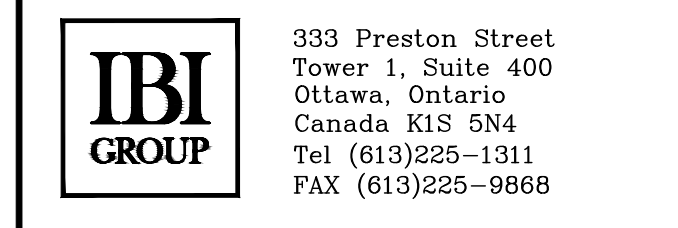
Table with columns: STATION, DESCRIPTION, FINISHED GRADE(m), TOP OF WATERMAIN(m), AS BUILT WATERMAIN(m). Includes stations from 1+222.13 to 1+243.89.

DRAWING NOTES

- 1.0 GENERAL
1.1 CONTRACTOR TO VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.
1.2 DO NOT SCALE DRAWINGS.
1.3 CONTRACTOR TO REPORT ALL DISCOVERIES OF ERRORS, OMISSIONS OR DISCREPANCIES TO THE ARCHITECT OR DESIGN ENGINEER AS APPLICABLE.
1.4 USE ONLY THE LATEST REVISED DRAWINGS OR THOSE THAT ARE MARKED 'ISSUED FOR CONSTRUCTION'.
1.5 ALL CONSTRUCTION SHALL COMPLY WITH CURRENT CITY OF OTTAWA STANDARDS AND SPECIFICATIONS.
1.6 THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL RELEVANT DRAWINGS AND SPECIFICATIONS.
1.7 FOR LEGAL SURVEY INFORMATION REFER TO REGISTERED PLAN.
1.8 ALL IRON WORK ELEVATIONS SHOWN ARE APPROXIMATE AND ARE SUBJECT TO MINOR ADJUSTMENTS AS DETERMINED BY THE ENGINEER.
1.9 ALL CONCRETE CURBS AND SIDEWALKS TO CONFORM TO O.P.S. AND CONSTRUCTED TO CITY STANDARDS. ALL ON-SITE CURBS TO BE BARRIER TYPE.
1.10 ALL CONCRETE SHALL BE 'NORMAL PORTLAND CEMENT' IN ACCORDANCE WITH O.P.S.S. 1390 AND SHALL ACHIEVE A MINIMUM STRENGTH OF 30MPa AT 28 DAYS.
1.11 ALL CONSTRUCTION TRAFFIC TO ACCESS SITE OFF HUNTMAR OR HAZELDEAN ROAD.
1.12 CONTRACTOR TO PROTECT EXISTING INFRASTRUCTURE AND PROPERTY SUCH AS TREES, PARKING METERS, SIDEWALKS, CURBS, ASPHALT, AND STREET SIGNS FROM DAMAGE DURING CONSTRUCTION. CONTRACTOR TO PAY THE COST TO REINSTATE OR REPLACE ANY DAMAGED INFRASTRUCTURE OR PROPERTY TO THE SATISFACTION OF THE CITY.
1.13 THE POSITION OF POLE LINES, CONDUITS, WATERMAIN, SEWERS, AND OTHER UNDERGROUND AND ABOVEGROUND UTILITIES AND STRUCTURES ARE NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK THE CONTRACTOR SHALL INFORM HIMSELF OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES, SHALL PROTECT ALL UTILITIES AND STRUCTURES, AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.
1.14 CONTRACTOR TO SUPPLY SUITABLE FILL MATERIAL WHERE REQUIRED TO ROUGH GRADE THE SITE.
1.15 CONTRACTOR TO HAUL EXCESS MATERIAL OFFSITE AS NECESSARY TO GRADE SITE TO MEET THE PROPOSED GRADES. ALL EXCESS MATERIAL TO BE HAULED OFFSITE AND DISPOSED OF AT AN APPROVED DUMP SITE. SHOULD THE CONTRACTOR DISCOVER ANY HAZARDOUS MATERIAL, CONTRACTOR IS TO NOTIFY ENGINEER, ENGINEER TO DETERMINE APPROPRIATE DISPOSAL METHODOLOGY.
1.16 ALL DISTURBED BOULEVARDS TO BE REINSTATED WITH SOD ON 100mm TOPSOIL.
1.17 UTILITY DUCTS TO BE INSTALLED PRIOR TO ROAD BASE CONSTRUCTION.
2.0 SANITARY
2.1 ALL SANITARY SEWERMANS TO BE CSA CERTIFIED PVC SR 35, BELL AND SPIGOT TYPE, ONLY FACTORY FITTINGS TO BE USED, SEWER TO BE INSTALLED AS PER OPSD 1005.01.
2.2 ALL SANITARY MAINTENANCE HOLES TO BE 1.2m DIAMETER AS PER CITY OF OTTAWA STANDARDS COMPLETE WITH BENCHING, STEPS IF REQUIRED, AND FRAME AND COVER.
2.3 SANITARY MH FRAME AND COVER TO BE CLOSED COVER TYPE, AS PER CITY STANDARD S24.
2.4 SANITARY SEWER LEAKAGE TEST AND CCTV INSPECTION SHALL BE COMPLETED AS PER CITY SPECIFICATIONS PRIOR TO INSTALLATION OF BASE COURSE ASPHALT.
2.5 ANY SANITARY SEWER WITH LESS THAN 1.8m COVER REQUIRES THERMAL INSULATION AS PER CITY OF OTTAWA STANDARD W22, OR AS APPROVED BY THE ENGINEER.
2.6 CONNECTION TO THE EXISTING SANITARY SEWER TO BE INCLUDED IN THE COST FOR SANITARY SEWER INSTALLATION. THIS INCLUDES REINSTATEMENT OF ROAD CUTS TO CITY STANDARDS.
3.0 STORM
3.1 ALL STORM SEWER TO BE CSA CERTIFIED PVC SR 35 OR CONCRETE CLASS 100-D, BELL AND SPIGOT TYPE. ALL STORM SEWERS TO BE INSTALLED PER MANUFACTURER'S INSTRUCTIONS. ONLY FACTORY FITTINGS TO BE USED.
3.2 ALL STORM MAINTENANCE HOLES TO BE SIZED IN WITH THE PLANS AND AS PER CITY OF OTTAWA STANDARDS COMPLETE WITH BENCHING FOR SEWERS 900mm OR GREATER, STEPS IF REQUIRED, AND FRAME AND COVER.
3.3 STORM MH FRAME AND COVERS TO BE OPEN TYPE, AS PER CITY STANDARD S24. CONTRACTOR TO INSTALL FILTER FABRIC UNDER STORM MH COVER UNTIL SODDING IS COMPLETE.
3.4 STORM MAINTENANCE HOLES TO BE AS PER OPSD 701.010, TAPER TOP TYPE COMPLETE WITH 300mm SUMP FOR SEWER LESS THAN 900mm. ALL STORM CBMHS TO BE FLAT TOP TYPE.
3.5 ALL CATCH BASINS TO BE AS PER OPSD 705.010, FRAME & GRATE AS PER 400.02, LEAD TO BE AS PER ITEM 3.1.
3.6 ALL DITCH INLET CBS TO BE AS PER OPSD 705.030 WITH 3:1 SLOPE. ALL DITCH INLET MANHOLES TO BE TYPE 'A' AS PER OPSD 702.040. ALL DITCH INLET GRADE AS PER OPSD 403.010, LEAD AS PER ITEM 3.1.
3.7 150mm DIAMETER SOCK-WRAPPED PERFORATED PVC SUBIRNS TO BE INSTALLED AT ALL CBMHS AND CBS. SUBIRNS TO BE 3m LONG (EACH SIDE - CURB INLETS, AND FOUR ORCHONALLY OUT - SUMP INLETS) AND DISCHARGE INTO CBM OR CB.
3.8 STORM WATER ICDS TO BE INSTALLED IN CBS PRIOR TO BASE ASPHALT.
3.9 ANY STORM SEWER WITH LESS THAN 1.4m COVER REQUIRES THERMAL INSULATION AS PER CITY OF OTTAWA STANDARD W22, OR AS APPROVED BY THE ENGINEER.
3.10 CONNECTION TO THE EXISTING STORM SEWER TO BE INCLUDED IN THE COST FOR STORM SEWER INSTALLATION. THIS INCLUDES REINSTATEMENT OF ROAD CUT TO CITY STANDARDS.
3.11 APPROVED FILTER MECHANISM PRIOR TO RELEASE TO THE ENVIRONMENT.
6.0 SEDIMENT AND EROSION CONTROL
6.1 CONTRACTOR TO IMPLEMENT EROSION AND SEDIMENT CONTROL MEASURES AS IDENTIFIED IN THE EROSION AND SEDIMENT CONTROL PLAN TO THE SATISFACTION OF THE CITY OF OTTAWA, PRIOR TO UNDERTAKING ANY SITE ALTERATIONS (FILLING, GRADING, REMOVAL OF VEGETATION, ETC.) DURING ALL PHASES OF THE SITE PREPARATION AND CONSTRUCTION THE MEASURES ARE TO BE MAINTAINED TO THE SATISFACTION OF THE ENGINEER AND CITY OF OTTAWA IN ACCORDANCE WITH THE BEST MANAGEMENT PRACTICES FOR EROSION AND SEDIMENT CONTROL. SHOULD ANY ADDITIONAL MEASURES BE REQUIRED TO ADDRESS FIELD CONDITIONS THEY SHALL BE INSTALLED AS DIRECTED BY THE ENGINEER OR THE CITY OF OTTAWA. THE CONTRACTOR ACKNOWLEDGES THAT FAILURE TO IMPLEMENT APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES MAY BE SUBJECT TO PENALTIES IMPOSED BY ANY APPLICABLE REGULATORY AGENCY.
6.2 ANY GROUND WATER PUMPING IS LIMITED TO 10 000L/D, AND SHALL BE DISCHARGED INTO AN APPROVED FILTER MECHANISM PRIOR TO RELEASE TO THE ENVIRONMENT.
6.3 SEEPAGE BARRIERS WILL BE CONSTRUCTED IN ANY TEMPORARY DRAINAGE DITCH.
6.4 FILLER CLOTHS WILL BE PLACED ON OPEN INFRASTRUCTURES SUCH AS MANHOLE AND CATCH BASIN UNTIL STRUCTURES ARE COMMISSIONED AND PUT IN USE.
7.0 GEO TECHNICAL
7.1 FOR DETAILS OF TEST PITS AND VARIOUS CONSTRUCTION REQUIREMENTS SEE DEVELOPMENT REPORT, GEO TECHNICAL INVESTIGATION PROPOSAL COMMERCIAL DEVELOPMENT HAZELDEAN ROAD AT HUNTMAR DRIVE, OTTAWA ONTARIO, BY PATERSON GROUP DATED FEBRUARY 24, 2012.
7.2 FILL MATERIAL WITHIN THE PARKING LOT AND BUILDING PAD AREAS, AND SUPPORTING BUILDING FOUNDATIONS SHALL BE COMPACTED TO STANDARD MODIFIED PROCTOR DENSITY AND TO THE SATISFACTION OF THE GEO TECHNICAL ENGINEER.
7.3 ALL FILL MATERIAL TO BE CERTIFIED AS ACCEPTABLE BY THE GEO TECHNICAL ENGINEER.
7.4 ALL COMPACTION METHODS TO BE PERFORMED TO THE SATISFACTION OF THE GEO TECHNICAL ENGINEER TO INCLUDE BUT NOT BE LIMITED TO THE THICKNESS OF LIFTS, AND COMPACTION EQUIPMENT USED.
7.5 CLAY SEALS TO BE INSTALLED WHERE INDICATED ON THE DRAWINGS OR AS APPROVED AND DIRECTED BY THE GEO TECHNICAL ENGINEER ALL IN ACCORDANCE WITH CITY OF OTTAWA STANDARDS AND SPECIFICATIONS.
7.6 PIPE BEDDING AND BACKFILL SHALL BE COMPLETED IN ACCORDANCE WITH LATEST CITY OF OTTAWA STANDARD, AT A MINIMUM BEDDING FOR SEWER AND WATERMAIN SHALL BE 150mm OPSS GRANULAR A, COMPACTED TO 95% SPMD AND EXTEND TO SPRINGLINE OF PIPE. COVER MATERIAL SHALL CONSIST OF OPSS GRANULAR A AND SHALL EXTEND FROM SPRINGLINE TO MINIMUM 300mm ABOVE OVERTY OF PIPE, AND COMPACTED TO 95% SPMD. SEE GEO TECHNICAL REPORT FOR ADDITIONAL DETAILS.

Table with columns: No., REVISIONS, Date. Lists revision details for the drawing.

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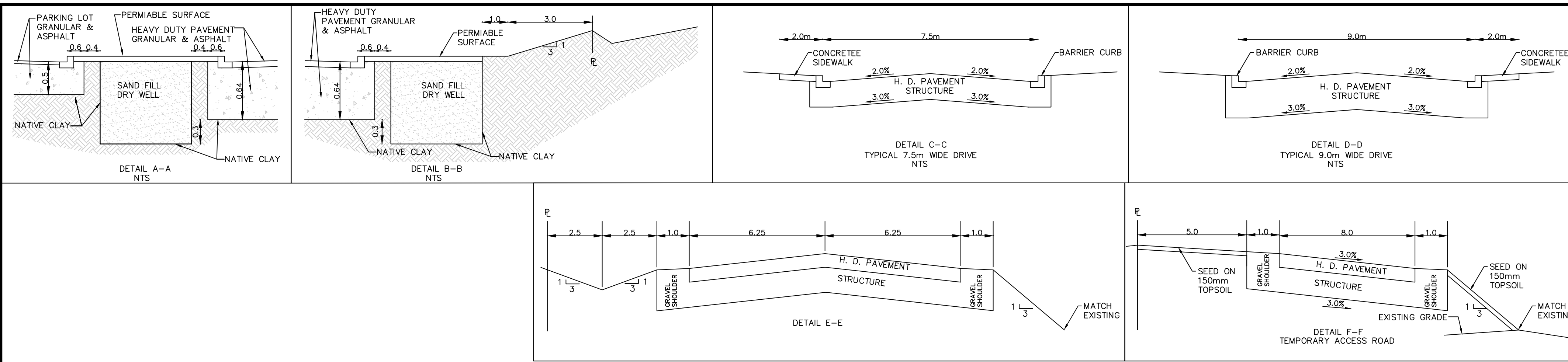


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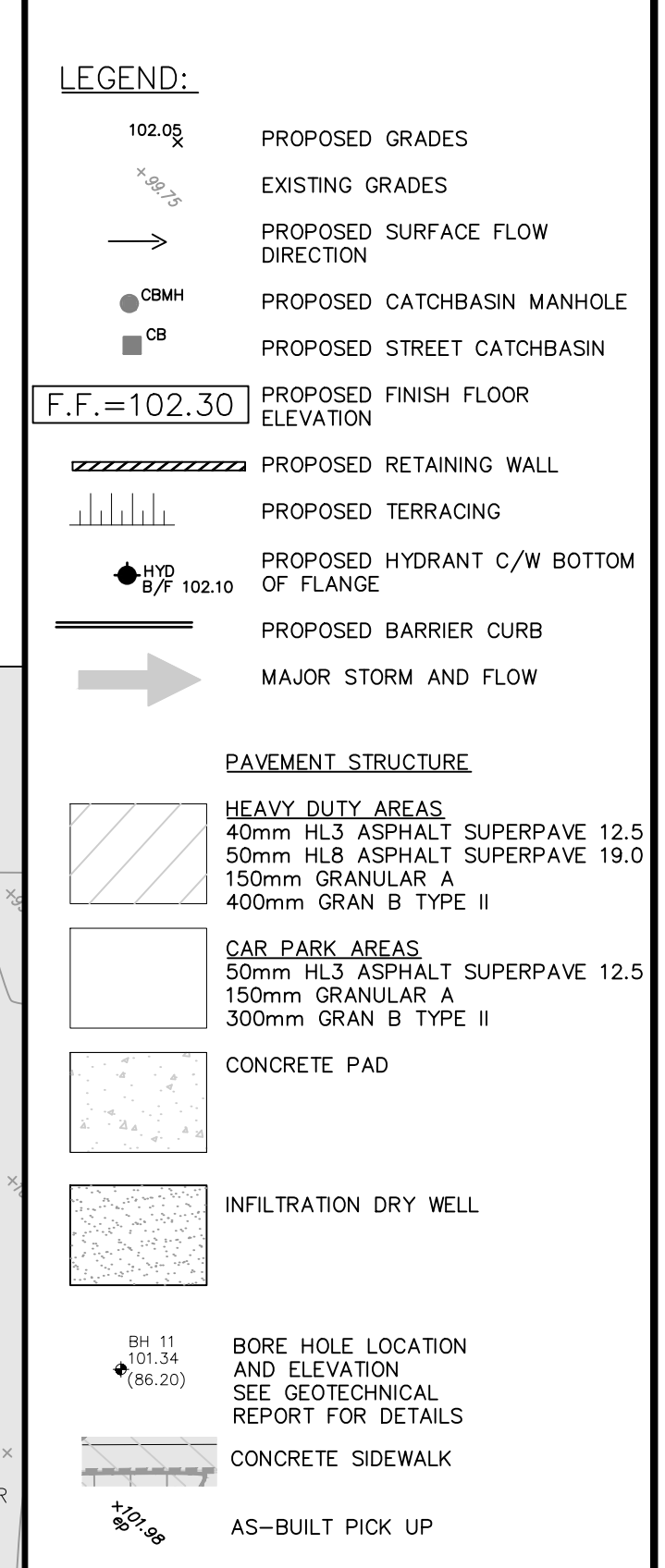
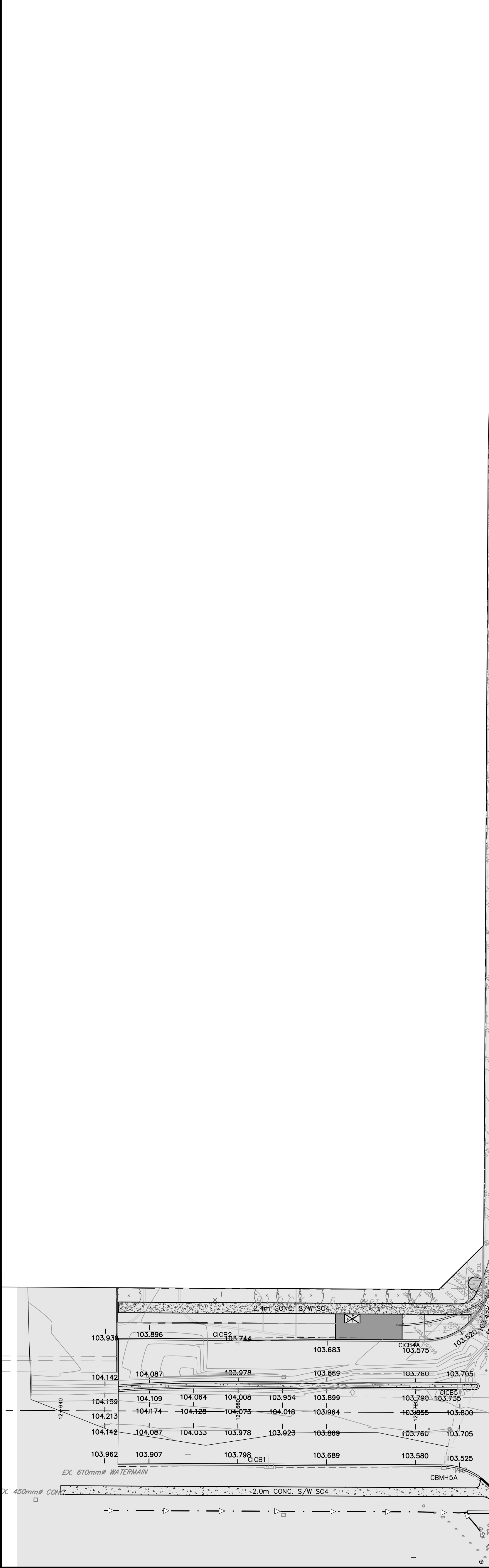
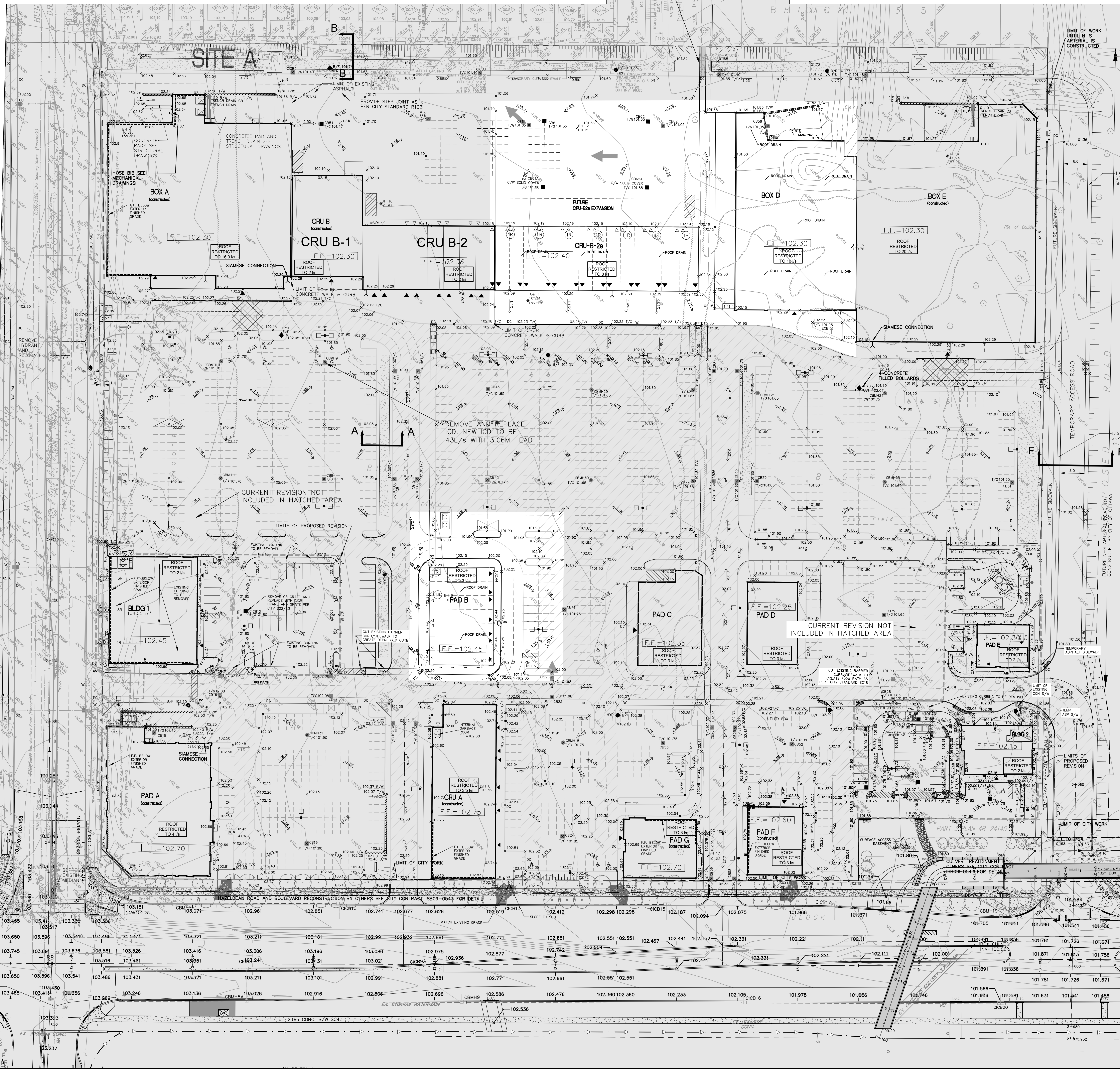
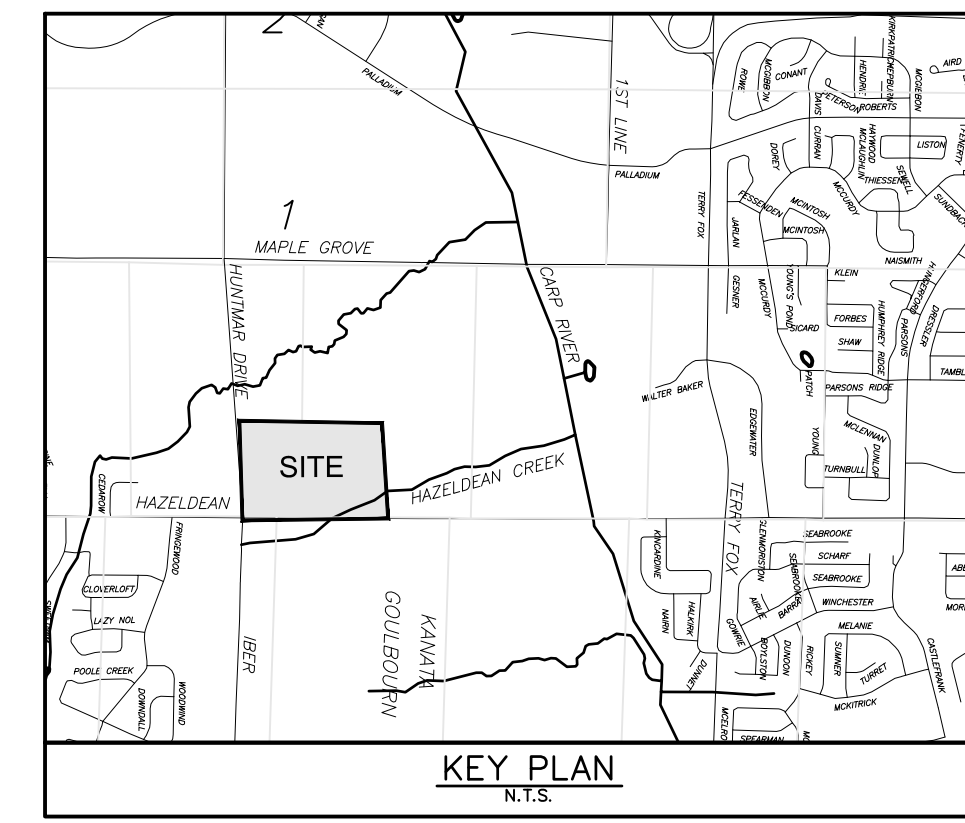
Project Title: 5705 HAZELDEAN ROAD
OTTAWA, ONT.

SCHEDULES AND NOTES PHASE 1 & 2

Table with columns: Design, Date, Drawn, Checked, Project No., Drawing No. Includes design details for the drawing.



EXTEND EXISTING PATHWAY, WIDTH TO MATCH EXISTING, INCLUDING REINSTATEMENT AND DEPRESSED CURB IF REQUIRED



REVISED AS PER CITY COMMENTS	REVISED AS PER CITY COMMENTS	REVISED AS PER CITY COMMENTS	DATE
28	REVISED AS PER CITY COMMENTS	DOY	20-03-27
27	REVISED AS PER CITY COMMENTS	DOY	19-12-20
26	BLDG 2 & PAD E, REVIS	DOY	19-08-29
25	REVIS REAR DOOR GRADES	DOY	19-06-18
24	PER ARCHITECT, BLDG 2	DOY	18-04-06
23	ISSUED FOR TENDER	DOY	18-01-15
22	REVISED AS PER CITY COMMENTS	DOY	17-11-23
21	ISSUED FOR SPA	DOY	17-11-02
20	REVISED AS PER SITE PLAN	DOY	17-07-07
19	REVISED AS PER SITE PLAN	DOY	17-07-07
18	REVISED AS PER CITY COMMENTS	DOY	17-06-23
17	REVISED BLD 2 & PAD E	DOY	17-02-14
16	REVISED AS PER CITY COMMENTS	DOY	16-08-05
15	SPA BLDG 1 & 2	DOY	16-03-07
14	REVISED BLDG 1 & 2	DOY	16-01-21
13	REVISED AS PER SITE PLAN	DOY	14-11-03
12	SPA	DOY	14-09-09
11	REVISED AS PER SITE PLAN	DOY	14-08-08
10	REVISED AS PER CITY COMMENTS	DOY	14-07-31
9	REVISED DOLLAR & CRUB	DOY	14-06-03
8	ISSUED FOR PAD F TENDER	DOY	13-02-14
7	REVISED FOR PAD F	DOY	12-11-16
6	REVISED FOR PAD F	DOY	12-08-01
5	REVISED SPRINKLER ROOM	DOY	12-03-09
4	BOX E, REVISED PER CITY COMMENTS	DOY	12-02-22
3	REVISED FOR BOX E AND PAD E	DOY	12-02-22
2	REVISED FOR BOX E	DOY	11-21-24
1	ISSUED FOR APPROVAL	DOY	11-10-27
No.	REVISIONS	By	Date

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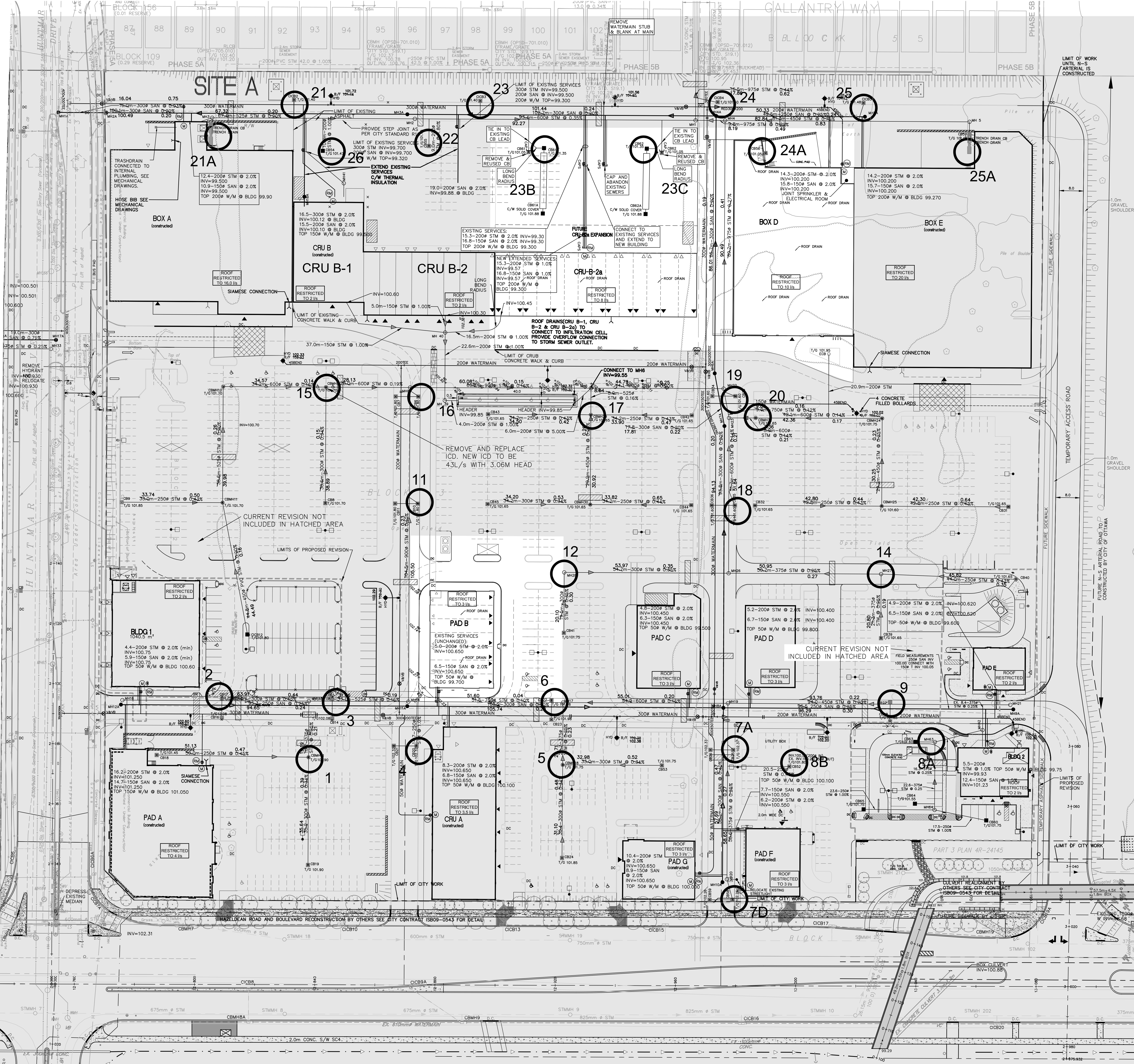
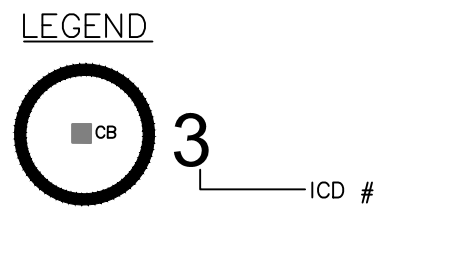
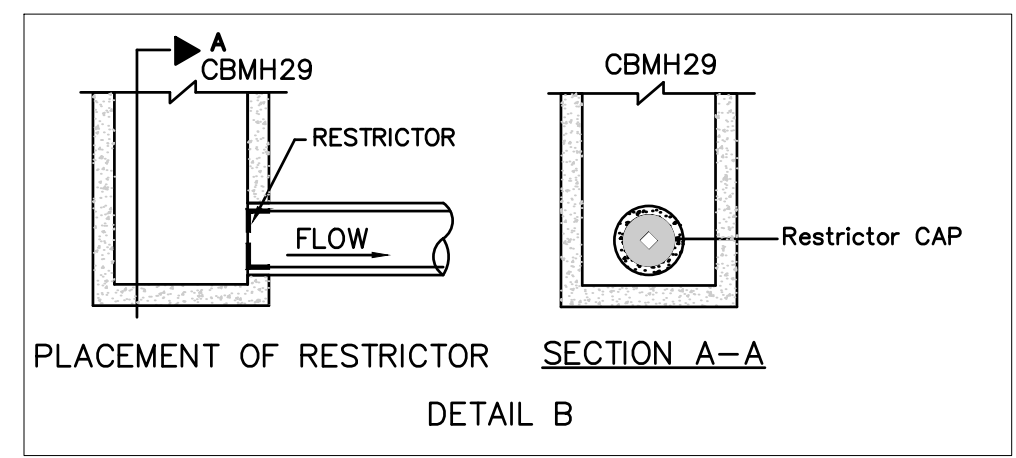
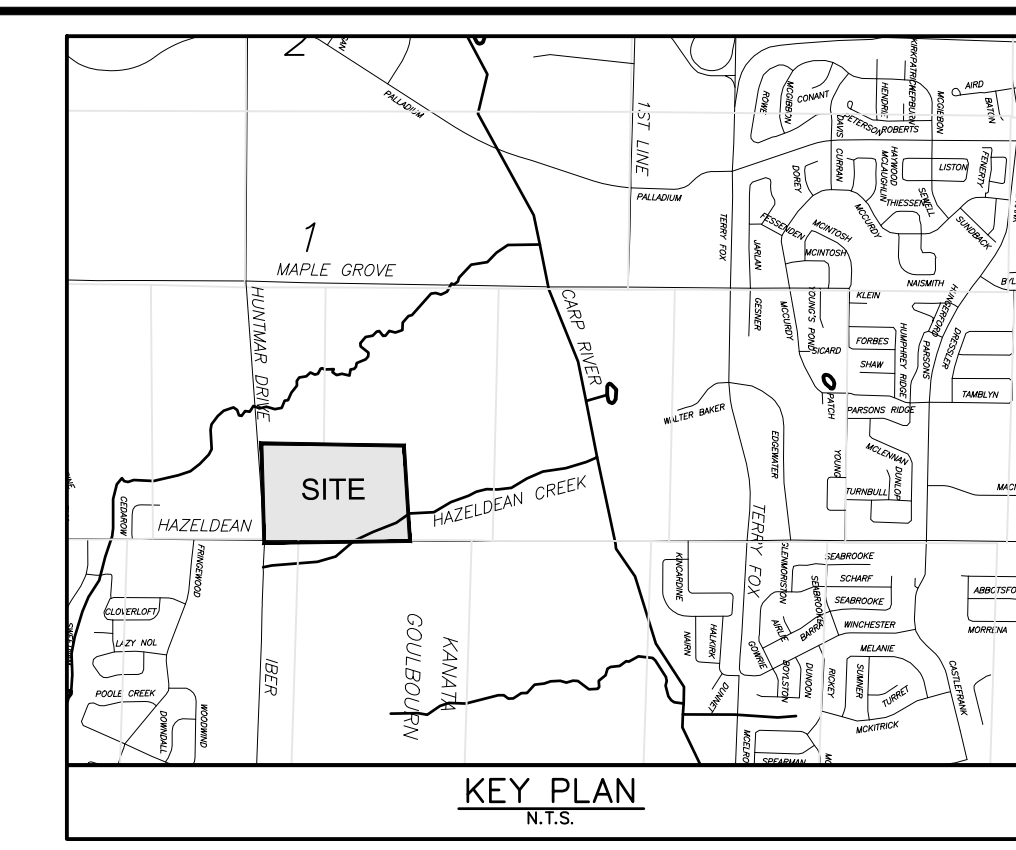
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Project Title: **5705 HAZELDEAN ROAD OTTAWA, ONT.**

Drawing Title: **GRADING PLAN PHASE 1 & 2**

Scale: 1:500

Design	D.G.Y.	Date	OCTOBER 2011
Drawn	E.H.	Checked	D.G.Y.
Project No.	10113	Drawing No.	C-202



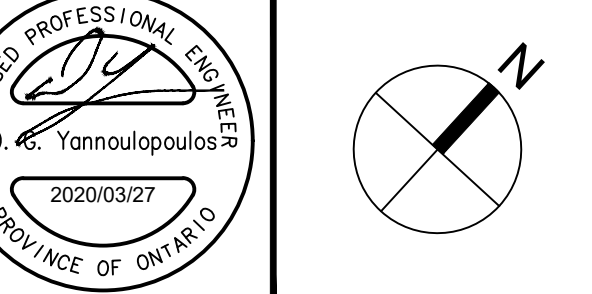
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7A	HYDROVEX 100MM
7B	HYDROVEX 100MM
8A	HYDROVEX 100MM
8B	HYDROVEX 100MM
9	HYDROVEX 100MM
11	HYDROVEX 125MM
12	HYDROVEX 100MM
14	HYDROVEX 125MM
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16	HYDROVEX 100MM
17	HYDROVEX 150MM
18	HYDROVEX 100MM
19	HYDROVEX 100MM
20	HYDROVEX 100MM
21	HYDROVEX 100MM
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23	HYDROVEX 100MM
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25	HYDROVEX 100MM
26	HYDROVEX 100MM

No.	REVISIONS	By	Date
23	REVISED AS PER CITY COMMENTS	DOY	20-03-17
22	REVISED AS PER CITY COMMENTS	DOY	19-12-20
21	REVISED AS PER CITY COMMENTS	DOY	19-08-29
20	ISSUED FOR CONSTRUCTION	DOY	18-04-06
19	ISSUED FOR TENDER	DOY	18-01-15
18	REVISED AS PER CITY COMMENTS	DOY	17-11-23
17	ISSUED FOR SPA	DOY	17-11-02
16	REVISED AS PER CITY COMMENTS	DOY	17-07-07
15	REVISED AS PER CITY COMMENTS	DOY	17-06-23
14	REVISED BLD 2 & PAD E	DOY	17-02-14
13	REVISED AS PER CITY COMMENTS	DOY	16-08-02
12	SPA BLDG 1 & 2	DOY	16-03-07
11	REVISED AS PER CITY COMMENTS	DOY	14-11-03
10	SPA	DOY	14-09-09
9	REVISED AS PER CITY COMMENTS	DOY	14-08-08
8	REVISED AS PER CITY COMMENTS	DOY	14-07-31
7	REVISED DOLLAR & CRUB	DOY	14-06-03
6	REVISED FOR PAD F	DOY	12-11-16
5	REVISED SPRINKLER ROOM BOX	DOY	12-03-09
4	REVISED PER CITY COMMENTS AND PAD C	DOY	12-02-22
3	REVISED FOR BOX E	DOY	12-01-28
2	REVISED SITE PLAN PH1 & PH2	DOY	11-11-24
1	ISSUED FOR APPROVAL	DOY	11-10-27

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Project Title  
**5705 HAZELDEAN ROAD**  
**OTTAWA, ONT.**



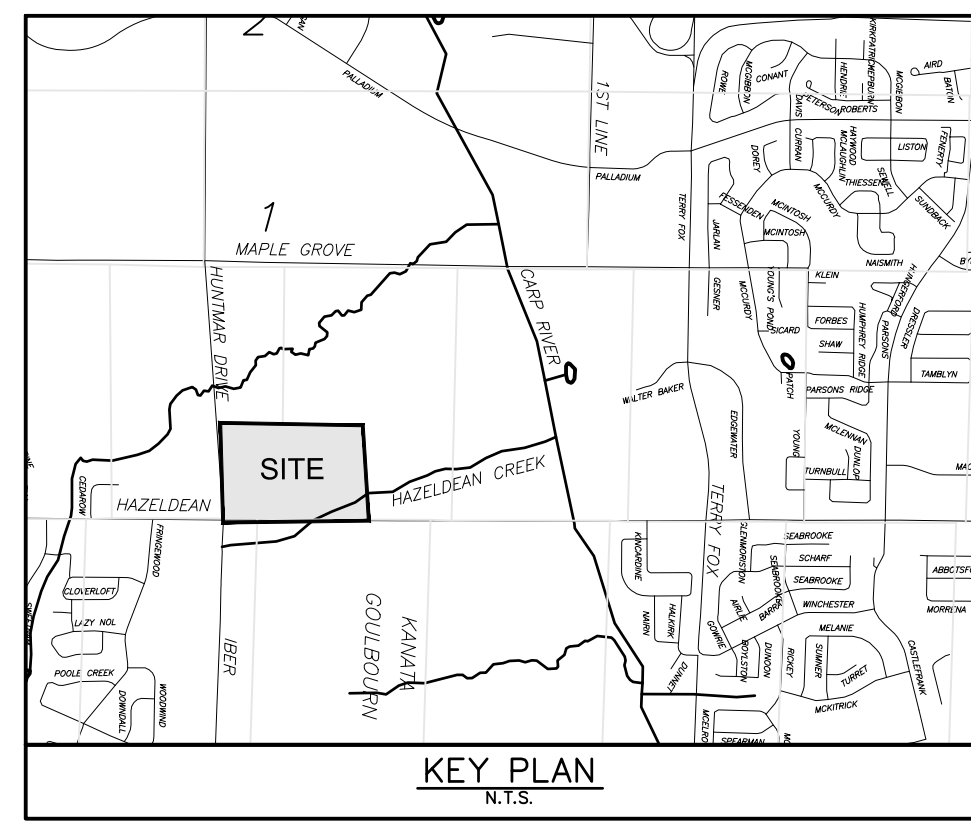
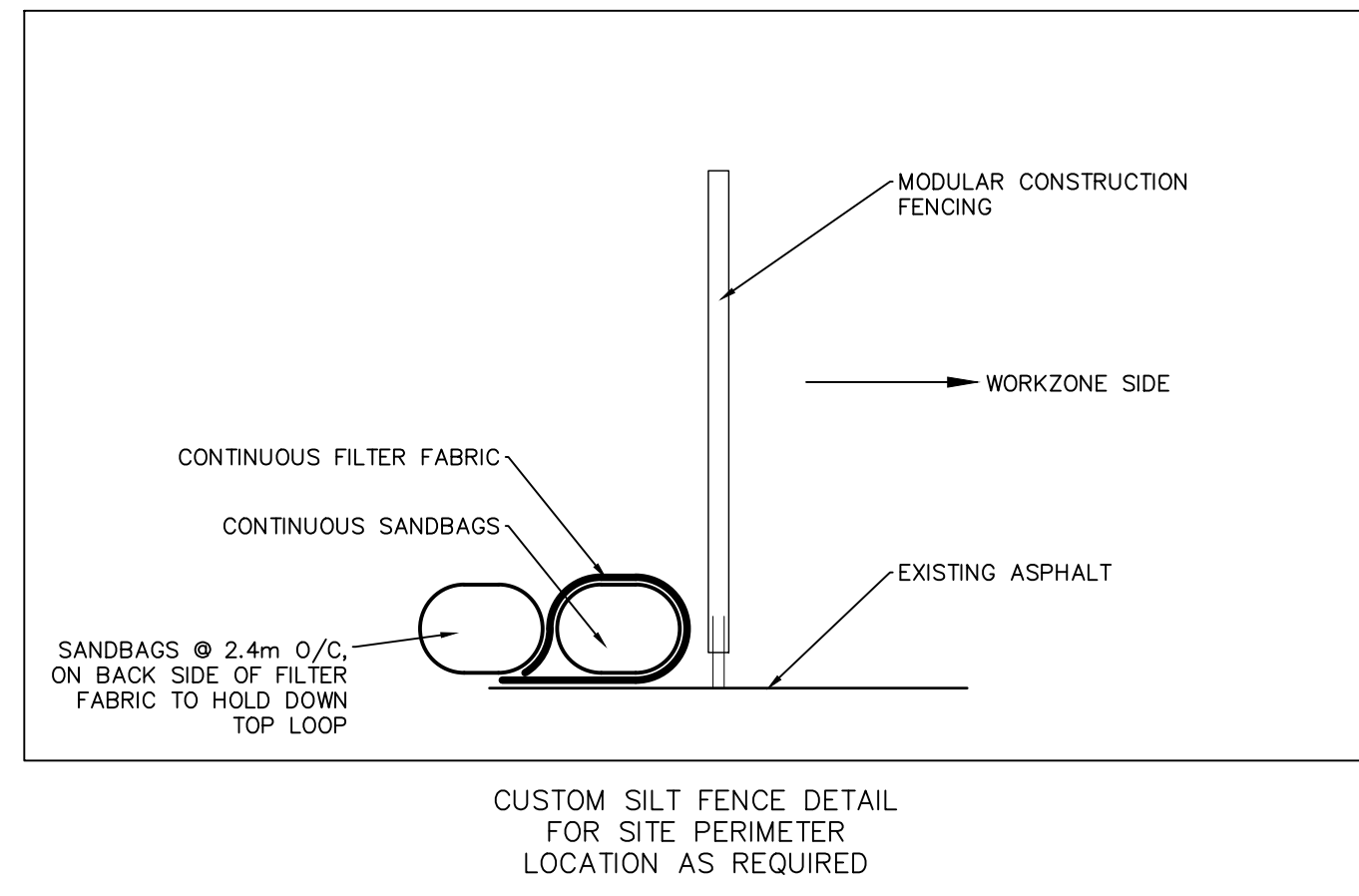
Drawing Title  
**ICD PLAN**  
**PHASE 1 & 2**

Scale  
1:500

Design  
D.G.Y. Date  
OCTOBER 2011

Drawn  
E.H. Checked  
D.G.Y.

Project No.  
10113 Drawing No.  
C-802



- LEGEND**
- LIGHT DUTY SILT FENCE AS PER OPSD 219.110
  - LIGHT DUTY STRAW BALE BARRIER AS PER OPSD 219.100
  - SILT BAG OR APPROVED EQUAL IN EXISTING CCB OR CB
  - PERIMETER CONSTRUCTION FENCING C/W CONTINUOUS SEDIMENT CONTROL CONSISTING OF SANDBAGS WRAPPED IN FILTER FABRIC

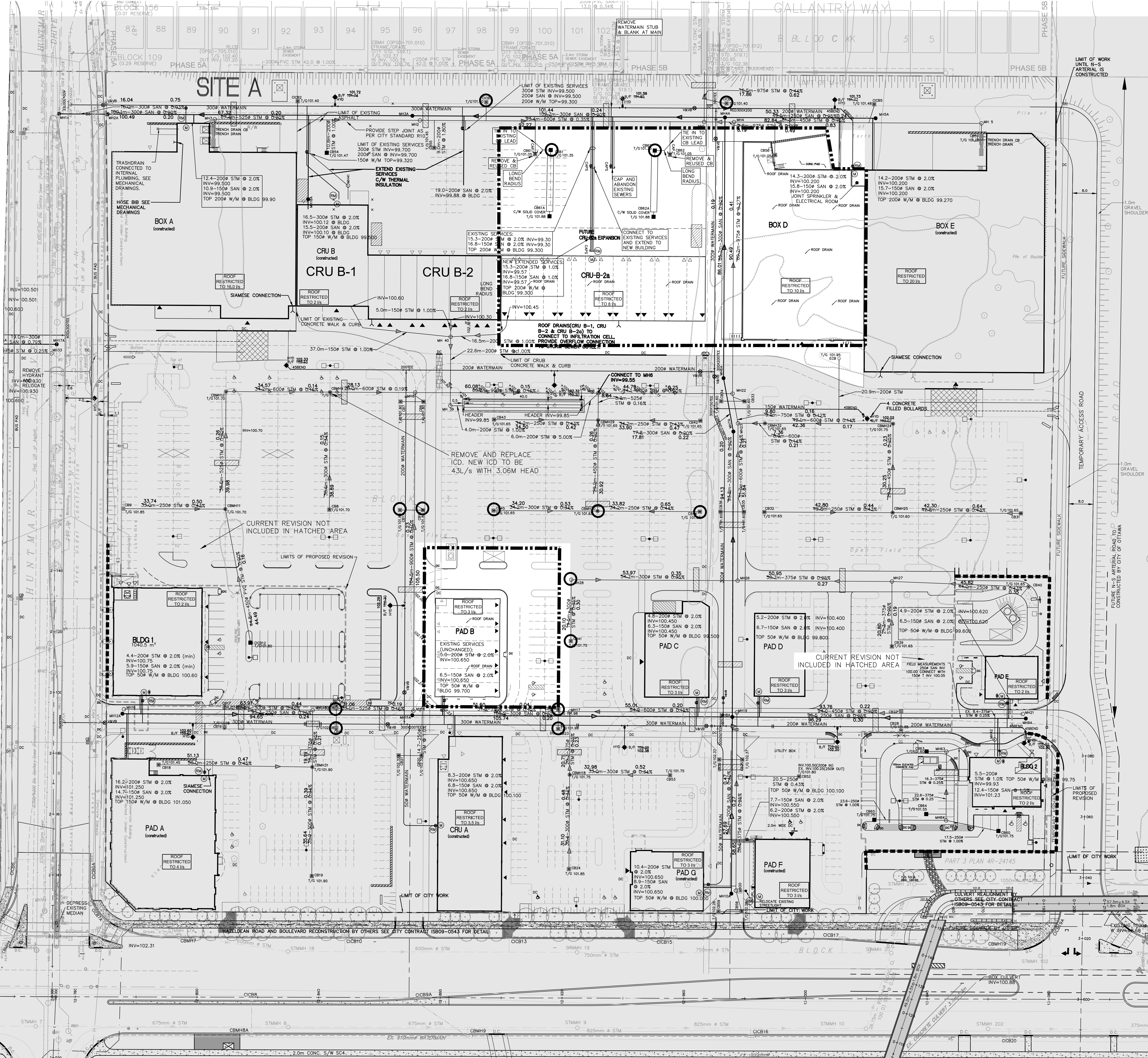
**SEDIMENT AND EROSION CONTROL NOTES:**

6.1 CONTRACTOR TO IMPLEMENT EROSION AND SEDIMENT CONTROL MEASURES AS IDENTIFIED IN THE EROSION AND SEDIMENT CONTROL PLAN TO THE SATISFACTION OF THE CITY OF OTTAWA. PRIOR TO UNDERTAKING ANY SITE ALTERATIONS (FILLING, GRADING, REMOVAL OF VEGETATION, ETC.), DURING ALL PHASES OF THE SITE PREPARATION AND CONSTRUCTION THE MEASURES ARE TO BE MAINTAINED TO THE SATISFACTION OF THE ENGINEER AND CITY OF OTTAWA. THE CONTRACTOR ACKNOWLEDGES THAT FAILURE TO IMPLEMENT APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES MAY BE SUBJECT TO PENALTIES IMPOSED BY ANY APPLICABLE REGULATORY AGENCY.

6.2 ANY GROUND WATER PUMPING IS LIMITED TO 10 000G/L AND SHALL BE DISCHARGED IN TO AN APPROVED FILTER MECHANISM PRIOR TO RELEASE TO THE ENVIRONMENT.

6.3 SEEPAGE BARRIERS WILL BE CONSTRUCTED IN ANY TEMPORARY DRAINAGE DITCH.

6.4 FILLER CLOTS WILL BE PLACED ON OPEN INFRASTRUCTURES SUCH AS MANHOLE AND CATCH BASIN UNTIL STRUCTURES ARE COMMISSIONED AND PUT IN USE.

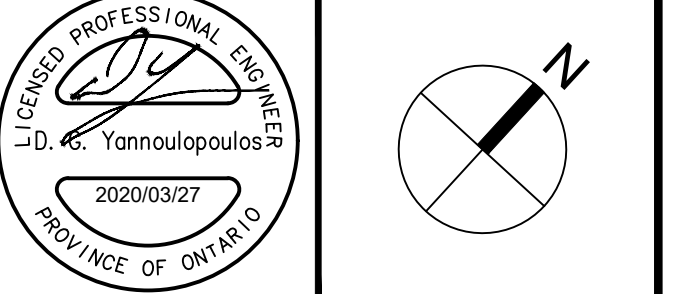


No.	REVISIONS	By	Date
21	REVISED AS PER CITY COMMENTS	DOY	20.03.27
20	REVISED AS PER CITY COMMENTS	DOY	19.12.20
19	ISSUED FOR CONSTRUCTION	DOY	19.08.29
18	ISSUED FOR CONSTRUCTION	DOY	18.04.08
17	ISSUED FOR TENDER	DOY	18.01.15
16	REVISED AS PER CITY COMMENTS	DOY	17.11.23
15	ISSUED FOR SPA	DOY	17.11.02
14	REVISED AS PER SITE PLAN	DOY	17.07.07
13	REVISED AS PER CITY COMMENTS	DOY	17.06.23
12	REVISED BLD 2 & PAD E	DOY	17.02.14
11	REVISED AS PER CITY COMMENTS	DOY	16.08.03
10	SPA BLD 1 & 2	DOY	16.03.07
9	REVISED AS PER SITE PLAN	DOY	14.11.03
8	SPA	DOY	14.09.09
7	REVISED AS PER SITE PLAN	DOY	14.08.08
6	REVISED AS PER CITY COMMENTS	DOY	14.07.31
5	REVISED DOLLAR & CRUB	DOY	14.06.03
4	REVISED FOR PAD F	DOY	12.11.16
3	REVISED SPRINKLER ROOM BOX	DOY	12.03.09
2	REVISED PER CITY COMMENTS AND PAD E	DOY	12.02.22
1	ISSUED FOR REVIEW	DOY	11.04.19

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Project Title: **5705 HAZELDEAN ROAD**  
 OTTAWA, ONT.



Drawing Title: **SEDIMENT AND EROSION CONTROL PLAN PHASE 1 & 2**

Scale: 1:500	Design: D.G.Y.	Date: OCTOBER 2008
	Drawn: L.R.	Checked: D.G.Y.
	Project No: 10113	Drawing No: C-920