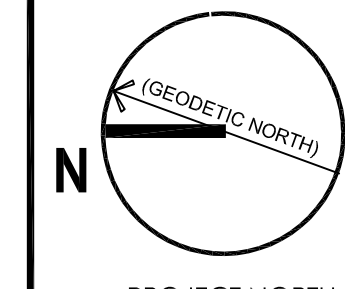


n Engineering Inc

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E : info@narchitecture.com  
www.narchitecture.com



LEGAL DESCRIPTION  
TOPOGRAPHIC PLAN OF SURVEY OF PART OF LOT 19, CONVESSION A AND PART OF LOT 20, CONVESSION A (FORMERLY IN THE TOWNSHIP OF HAMILTON) TOWN OF COBURG COUNTY OF NORTHUMBERLAND

APPLICANT  
n Architecture Inc  
9120 LESLIE STREET, SUITE-208,  
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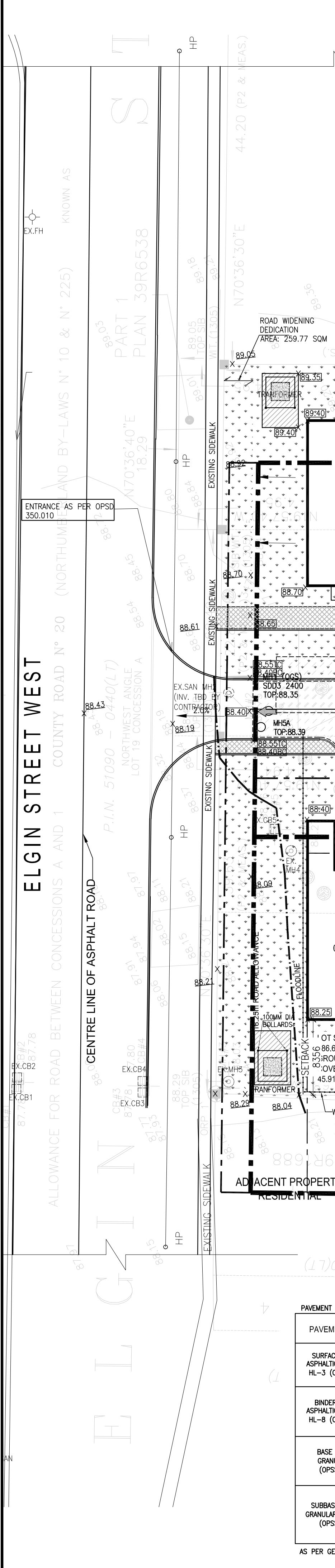
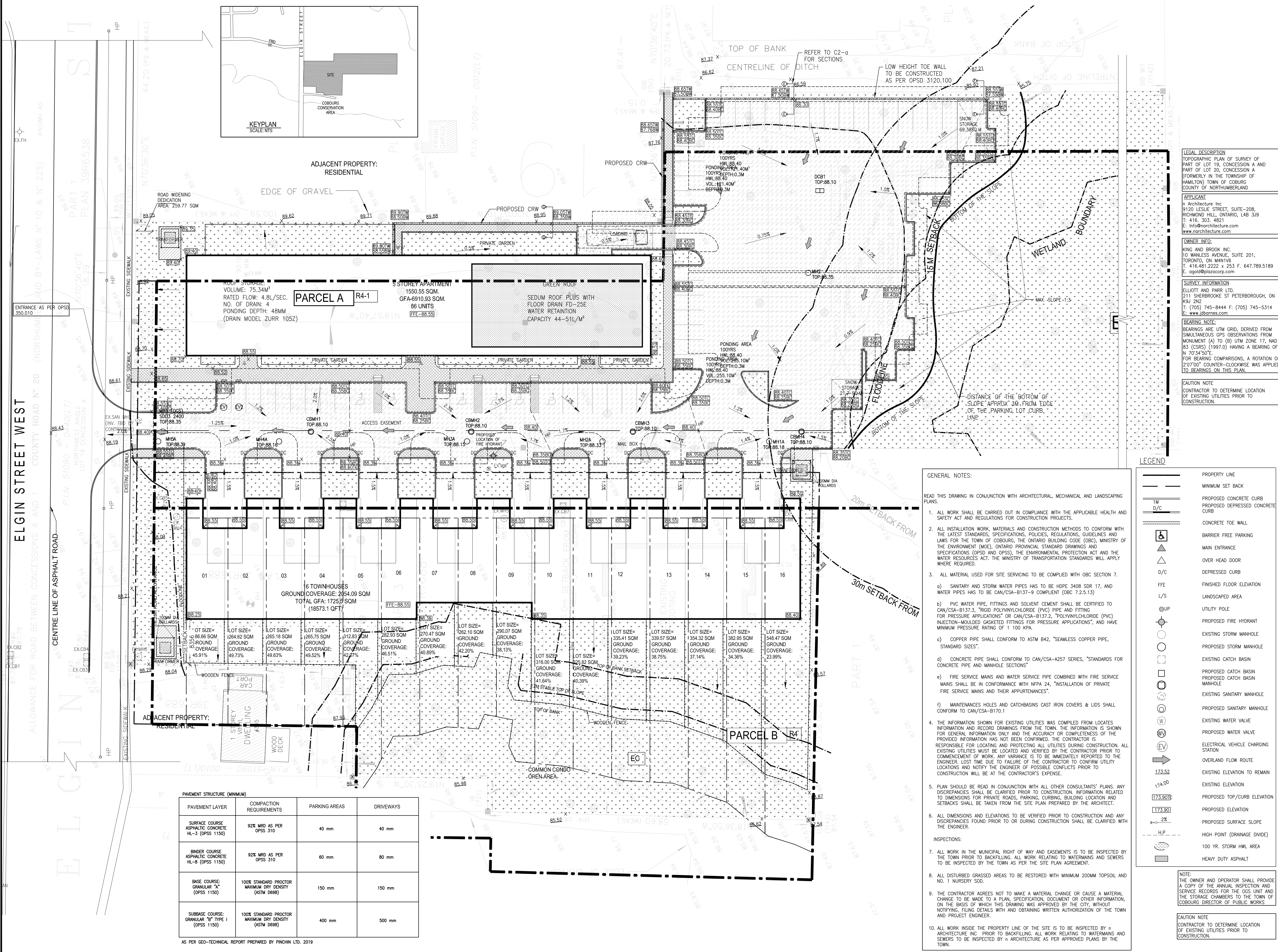
OWNER INFO:  
KING AND BROOK INC.  
10 WANLESS AVENUE, SUITE 201,  
TORONTO, ON M4N1V6  
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E: ngd@plazacorp.com

SURVEY INFORMATION  
ELLIOTT AND PARR LTD.  
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E: www.jtbarnes.com

BEARING NOTE:  
BEARINGS ARE UTM GRID, DERIVED FROM SIMULTANEOUS GPS OBSERVATIONS FROM MONUMENT (A) TO (B) UTM ZONE 17, NAD 83 (CSRS) (1997.0) HAVING A BEARING OF N 70°34'50"E.  
FOR BEARING COMPARISONS, A ROTATION OF 2°07'00" COUNTER-CLOCKWISE WAS APPLIED TO BEARINGS ON THIS PLAN.

CAUTION NOTE  
CONTRACTOR TO DETERMINE LOCATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.

NOT FOR CONSTRUCTION  
ISSUED FOR SPA ONLY



PAVEMENT STRUCTURE (MINIMUM)

PAVEMENT LAYER	COMPACTION REQUIREMENTS	PARKING AREAS	DRIVEWAYS
SURFACE COURSE: ASPHALTIC CONCRETE HL-3 (OPSS 1150)	92% MRD AS PER OPSS 310	40 mm	40 mm
BINDER COURSE: ASPHALTIC CONCRETE HL-8 (OPSS 1150)	92% MRD AS PER OPSS 310	60 mm	80 mm
BASE COURSE: GRANULAR "A" (OPSS 1150)	100% STANDARD PROCTOR MAXIMUM DRY DENSITY (ASTM D698)	150 mm	150 mm
SUBBASE COURSE: GRANULAR "B" TYPE I (OPSS 1150)	100% STANDARD PROCTOR MAXIMUM DRY DENSITY (ASTM D698)	400 mm	500 mm

AS PER GEO-TECHNICAL REPORT PREPARED BY PINCHIN LTD. 2019

GENERAL NOTES:

- READ THIS DRAWING IN CONJUNCTION WITH ARCHITECTURAL, MECHANICAL AND LANDSCAPING PLANS.
- ALL WORK SHALL BE CARRIED OUT IN COMPLIANCE WITH THE APPLICABLE HEALTH AND SAFETY ACT AND REGULATIONS FOR CONSTRUCTION PROJECTS.
  - ALL INSTALLATION WORK, MATERIALS AND CONSTRUCTION METHODS TO CONFORM WITH THE LATEST STANDARDS, SPECIFICATIONS, POLICIES, REGULATIONS, GUIDELINES AND LAWS FOR THE TOWN OF COBURG, THE ONTARIO BUILDING CODE (OBC), MINISTRY OF THE ENVIRONMENT (MOE), ONTARIO PROVINCIAL STANDARD DRAWINGS AND SPECIFICATIONS (OPSD AND OPSS), THE ENVIRONMENTAL PROTECTION ACT AND THE WATER RESOURCES ACT. THE MINISTRY OF TRANSPORTATION STANDARDS WILL APPLY WHERE REQUIRED.
    - SANITARY AND STORM WATER PIPES HAS TO BE HDPE 3408 SDR 17, AND WATER PIPES HAS TO BE CAN/CSA-B137-9 COMPLIANT (OBC 7.2.5.13).
    - PVC WATER PIPE, FITTINGS AND SOLVENT CEMENT SHALL BE CERTIFIED TO CAN/CSA-B137.3, "RIGID POLYVINYLCHLORIDE (PVC) PIPE AND FITTING FOR PRESSURE APPLICATIONS" OR CAN/CSA-B137.2, "POLYVINYLCHLORIDE (PVC) INJECTION-MOLDED GASKETED FITTINGS FOR PRESSURE APPLICATIONS", AND HAVE MINIMUM PRESSURE RATING OF 1 100 KPA.
    - COPPER PIPE SHALL CONFORM TO ASTM B42, "SEAMLESS COPPER PIPE, STANDARD SIZES".
    - CONCRETE PIPE SHALL CONFORM TO CAN/CSA-A257 SERIES, "STANDARDS FOR CONCRETE PIPE AND MANHOLE SECTIONS".
    - FIRE SERVICE MAINS AND WATER SERVICE PIPE COMBINED WITH FIRE SERVICE MAINS SHALL BE IN CONFORMANCE WITH NFPA 24, "INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES".
    - MAINTENANCE HOLES AND CATCHBASINS CAST IRON COVERS & LIDS SHALL CONFORM TO CAN/CSA-B170.1.
  - THE INFORMATION SHOWN FOR EXISTING UTILITIES WAS COMPILED FROM LOCATES INFORMATION AND RECORD DRAWINGS FROM THE TOWN. THE INFORMATION IS SHOWN FOR GENERAL INFORMATION ONLY AND THE ACCURACY OR COMPLETENESS OF THE PROVIDED INFORMATION HAS NOT BEEN CONFIRMED. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND PROTECTING ALL UTILITIES DURING CONSTRUCTION. ALL EXISTING UTILITIES MUST BE LOCATED AND VERIFIED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF WORK. ANY VARIANCE IS TO BE IMMEDIATELY REPORTED TO THE ENGINEER. LOST TIME DUE TO FAILURE OF THE CONTRACTOR TO CONFIRM UTILITY LOCATIONS AND NOTIFY THE ENGINEER OF POSSIBLE CONFLICTS PRIOR TO CONSTRUCTION WILL BE AT THE CONTRACTOR'S EXPENSE.
  - PLAN SHOULD BE READ IN CONJUNCTION WITH ALL OTHER CONSULTANTS' PLANS. ANY DISCREPANCIES SHALL BE CLARIFIED PRIOR TO CONSTRUCTION. INFORMATION RELATED TO DIMENSIONS FOR PRIVATE ROADS, PARKING, CURBSIDE, BUILDING LOCATION AND SETBACKS SHALL BE TAKEN FROM THE SITE PLAN PREPARED BY THE ARCHITECT.
  - ALL DIMENSIONS AND ELEVATIONS TO BE VERIFIED PRIOR TO CONSTRUCTION AND ANY DISCREPANCIES FOUND PRIOR TO OR DURING CONSTRUCTION SHALL BE CLARIFIED WITH THE ENGINEER.
- INSPECTIONS:
- ALL WORK IN THE MUNICIPAL RIGHT OF WAY AND EASEMENTS IS TO BE INSPECTED BY THE TOWN PRIOR TO BACKFILLING. ALL WORK RELATING TO WATERMANS AND SEWERS TO BE INSPECTED BY THE TOWN AS PER THE SITE PLAN AGREEMENT.
  - ALL DISTURBED GRASSED AREAS TO BE RESTORED WITH MINIMUM 200MM TOPSOIL AND NO. 1 NURSERY SOD.
  - THE CONTRACTOR AGREES NOT TO MAKE A MATERIAL CHANGE OR CAUSE A MATERIAL CHANGE TO BE MADE TO A PLAN, SPECIFICATION, DOCUMENT OR OTHER INFORMATION, ON THE BASIS OF WHICH THIS DRAWING WAS APPROVED BY THE CITY, WITHOUT NOTIFYING, FILING DETAILS WITH AND OBTAINING WRITTEN AUTHORIZATION OF THE TOWN AND PROJECT ENGINEER.
  - ALL WORK INSIDE THE PROPERTY LINE OF THE SITE IS TO BE INSPECTED BY n ARCHITECTURE INC. PRIOR TO BACKFILLING. ALL WORK RELATING TO WATERMANS AND SEWERS TO BE INSPECTED BY n ARCHITECTURE AS PER APPROVED PLANS BY THE TOWN.

LEGEND

	PROPERTY LINE
	MINIMUM SET BACK
	PROPOSED CONCRETE CURB
	PROPOSED DEPRESSED CONCRETE CURB
	CONCRETE TOE WALL
	BARRIER FREE PARKING
	MAIN ENTRANCE
	OVER HEAD DOOR
	DEPRESSED CURB
	FINISHED FLOOR ELEVATION
	LANDSCAPED AREA
	UTILITY POLE
	PROPOSED FIRE HYDRANT
	EXISTING STORM MANHOLE
	PROPOSED STORM MANHOLE
	EXISTING CATCH BASIN
	PROPOSED CATCH BASIN
	PROPOSED CATCH BASIN MANHOLE
	EXISTING SANITARY MANHOLE
	PROPOSED SANITARY MANHOLE
	EXISTING WATER VALVE
	PROPOSED WATER VALVE
	ELECTRICAL VEHICLE CHARGING STATION
	OVERLAND FLOW ROUTE
	EXISTING ELEVATION TO REMAIN
	EXISTING ELEVATION
	PROPOSED TOP/CURB ELEVATION
	PROPOSED ELEVATION
	PROPOSED SURFACE SLOPE
	HIGH POINT (DRAINAGE DIVIDE)
	100 YR. STORM HWL AREA
	HEAVY DUTY ASPHALT

NOTE:  
THE OWNER AND OPERATOR SHALL PROVIDE A COPY OF THE ANNUAL INSPECTION AND SERVICE RECORDS FOR THE GAS UNIT AND THE STORAGE CHAMBERS TO THE TOWN OF COBURG, DIRECTOR OF PUBLIC WORKS.

CAUTION NOTE  
CONTRACTOR TO DETERMINE LOCATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.

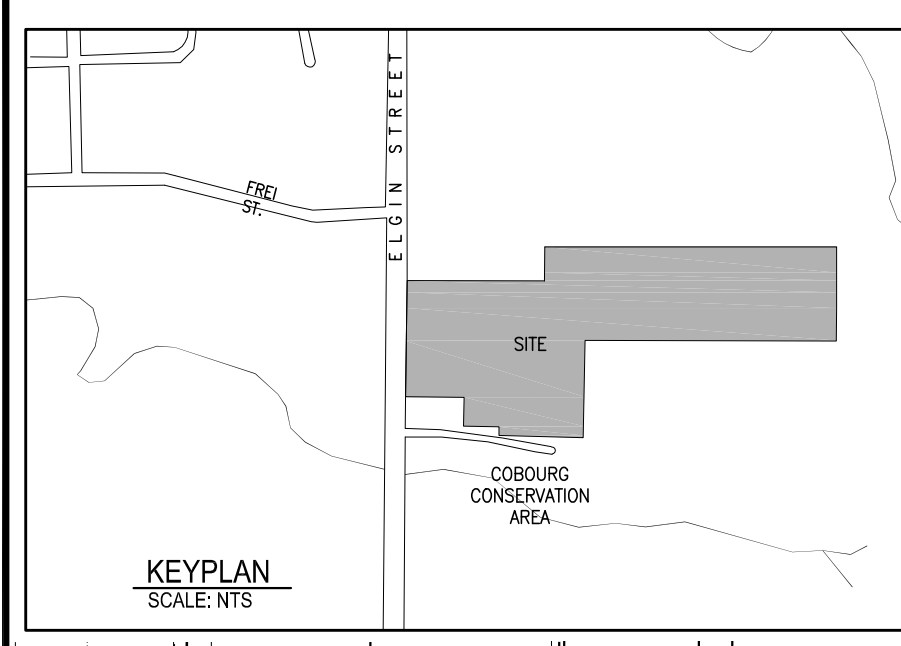
No.	Date	Version	Dwn.
4.	MAY. 05, 2021	ISSUED FOR SPA	AZ
3.	MAR. 23, 2021	ISSUED FOR COORDINATION	AZ
2.	FEB. 04, 2021	ISSUED FOR REVIEW2	AZ
1.	DEC. 24, 2020	ISSUED FOR REVIEW1	AZ

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PROJECT:  
**ELGIN STREET DEVELOPMENT**  
357-361 ELGIN STREET WEST  
COBURG, ONTARIO

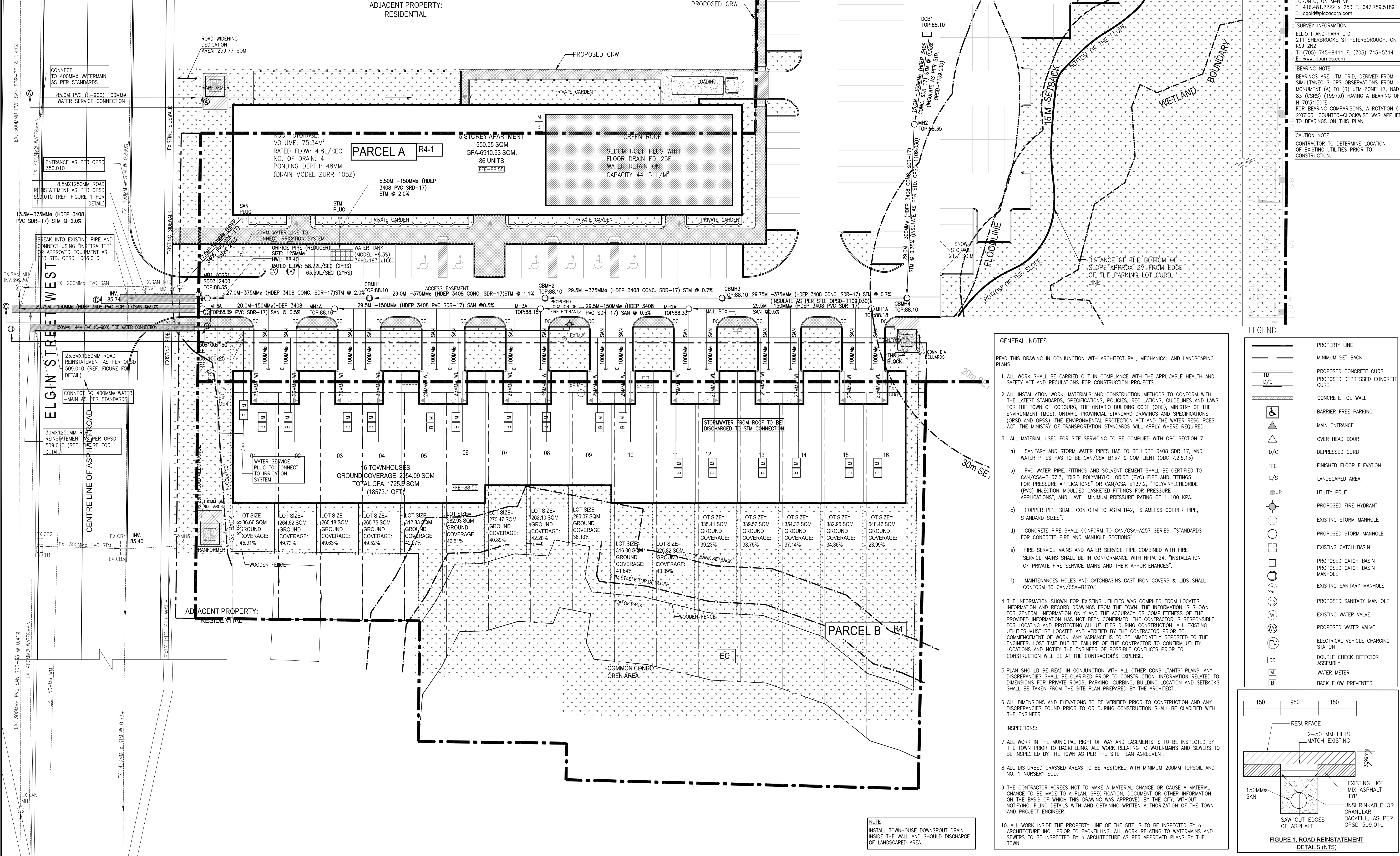
DRAWING TITLE:  
**SITE GRADING PLAN**

DRAWN BY: AZ	DATE: 27 OCT. 2020
CHECKED BY: AZ	SCALE: 1:300
PROJECT NO.: 20-25	DRAWING NO.: C1



MANHOLE AND CATCHBASIN DETAILS

MH/CB ID	SIZE	STANDARD	TOP ELE.	NORTH INV.	SOUTH INV.	EAST INV.	WEST INV.
DCB1	1450x1200	OPSD 705.020	88.10	-	-	-	87.46
MH1(OGS)	2400	OPSD 701.031	88.35	86.00	86.00	-	-
MH2	1200	OPSD 705.010	88.35	-	-	87.41	87.40
MH1A	1200	OPSD 705.010	88.18	87.26	-	-	-
MH2A	1200	OPSD 705.010	88.33	87.11	87.12	-	-
MH3A	1200	OPSD 705.010	88.15	86.96	86.97	-	-
MH4A	1200	OPSD 705.010	88.16	86.82	86.83	-	-
MH5A	1200	OPSD 705.010	88.39	86.80	86.81	-	-
CBMH1	1200	OPSD 705.010	88.10	86.54	86.55	-	-
CBMH2	1200	OPSD 705.010	88.10	86.87	86.88	-	-
CBMH3	1200	OPSD 705.010	88.10	87.08	87.09	-	-
CBMH4	1200	OPSD 705.010	88.05	87.29	-	87.30	-



NOTE:  
A PLUMBING PERMIT AND INSPECTIONS ARE TO BE PERFORMED FOR SITE SERVICE.

NOTE:  
PIPE TO BE INSULATED AS PER OPSD 1109.030 FOLLOWING CONSULTATION WITH ENGINEER.

LEGAL DESCRIPTION  
TOPOGRAPHIC PLAN OF SURVEY OF PART OF LOT 19, CONCESSION A AND PART OF LOT 20, CONCESSION A (FORMERLY IN THE TOWNSHIP OF HAMILTON) TOWN OF COBURG COUNTY OF NORTHUMBERLAND

APPLICANT  
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E: www.dbrames.com

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CAUTION NOTE  
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**A.S. ZIAUDDIN**  
100233432  
05 MAY 2021  
PROFESSIONAL ENGINEER  
PROVINCE OF ONTARIO

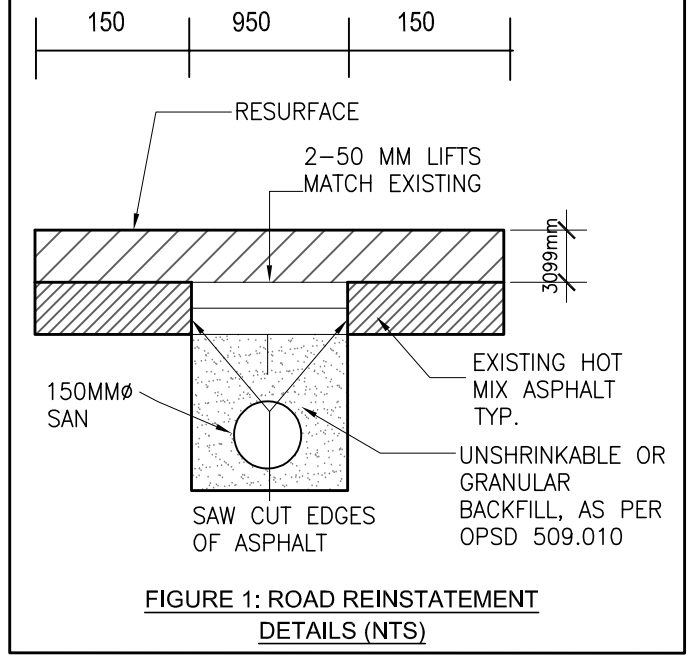
PROJECT NORTH

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  - ALL MATERIAL USED FOR SITE SERVING TO BE COMPLIED WITH OBC SECTION 7.
    - SANITARY AND STORM WATER PIPES HAS TO BE HOPE 3408 SDR 17, AND WATER PIPES HAS TO BE CAN/CSA-B137-9 COMPLIANT (OBC 7.2.5.13)
    - PVC WATER PIPE, FITTINGS AND SOLVENT CEMENT SHALL BE CERTIFIED TO CAN/CSA-B137.3, "RIGID POLYVINYLCHLORIDE (PVC) PIPE AND FITTINGS FOR PRESSURE APPLICATIONS" OR CAN/CSA-B137.2, "POLYVINYLCHLORIDE (PVC) INJECTION-MOLDED GASKETED FITTINGS FOR PRESSURE APPLICATIONS", AND HAVE MINIMUM PRESSURE RATING OF 1 100 KPA.
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  - INSPECTIONS:  
7. ALL WORK IN THE MUNICIPAL RIGHT OF WAY AND EASEMENTS IS TO BE INSPECTED BY THE TOWN PRIOR TO BACKFILLING. ALL WORK RELATING TO WATERMANS AND SEWERS TO BE INSPECTED BY THE TOWN AS PER THE SITE PLAN AGREEMENT.
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LEGEND

	PROPERTY LINE
	MINIMUM SET BACK
	PROPOSED CONCRETE CURB
	PROPOSED DEPRESSED CONCRETE CURB
	CONCRETE TOE WALL
	BARRIER FREE PARKING
	MAIN ENTRANCE
	OVER HEAD DOOR
	DEPRESSED CURB
	FINISHED FLOOR ELEVATION
	LANDED AREA
	UTILITY POLE
	PROPOSED FIRE HYDRANT
	EXISTING STORM MANHOLE
	PROPOSED STORM MANHOLE
	EXISTING CATCH BASIN
	PROPOSED CATCH BASIN
	PROPOSED CATCH BASIN MANHOLE
	EXISTING SANITARY MANHOLE
	PROPOSED SANITARY MANHOLE
	EXISTING WATER VALVE
	PROPOSED WATER VALVE
	ELECTRICAL VEHICLE CHARGING STATION
	DOUBLE CHECK DETECTOR ASSEMBLY
	WATER METER
	BACK FLOW PREVENTER



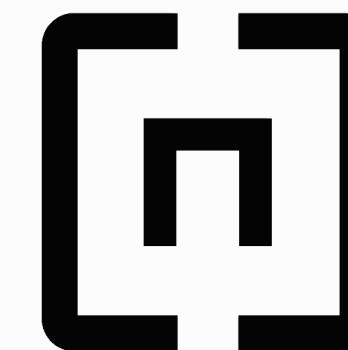
No.	Date	Version	Dwn.
4.	MAY. 05, 2021	ISSUED FOR SPA	AZ
3.	MAR. 23, 2021	ISSUED FOR COORDINATION	AZ
2.	FEB. 04, 2021	ISSUED FOR REVIEW2	AZ
1.	DEC. 24, 2020	ISSUED FOR REVIEW1	AZ

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PROJECT:  
**ELGIN STREET DEVELOPMENT**  
357-361 ELGIN STREET WEST  
COBURG, ONTARIO

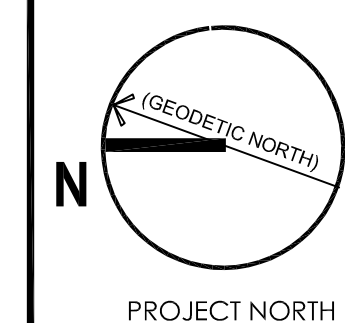
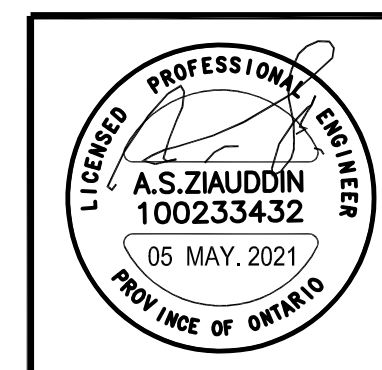
DRAWING TITLE:  
**SITE SERVING PLAN**

DRAWN BY: AZ	DATE: 27 OCT. 2020
CHECKED BY: AZ	SCALE: 1:300
PROJECT NO.: 20-25	DRAWING NO.: C2



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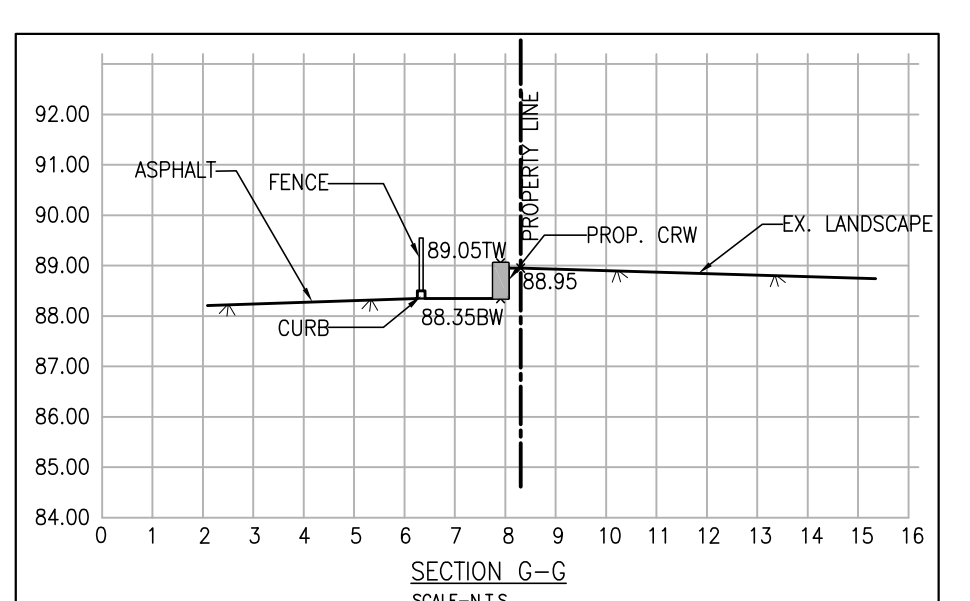
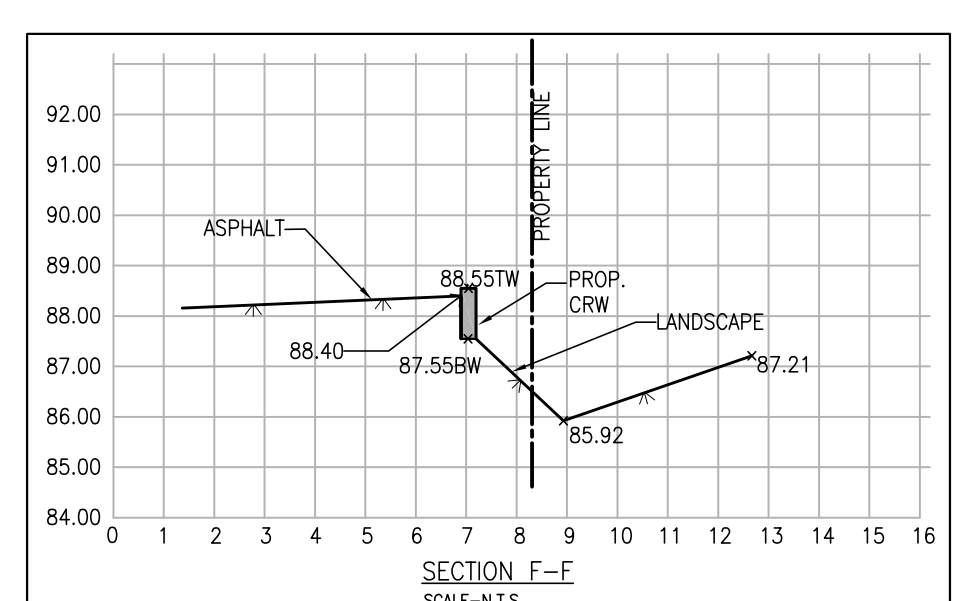
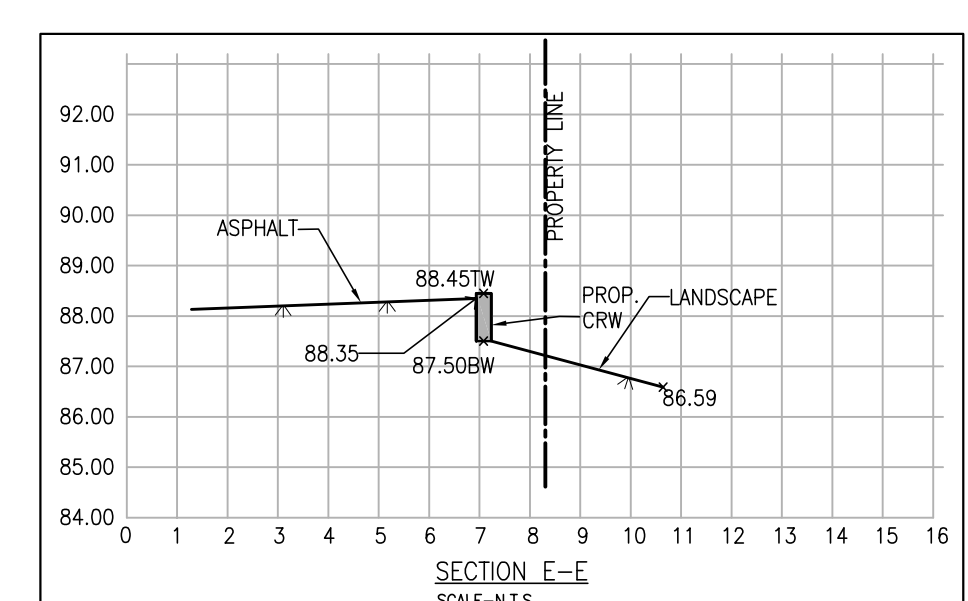
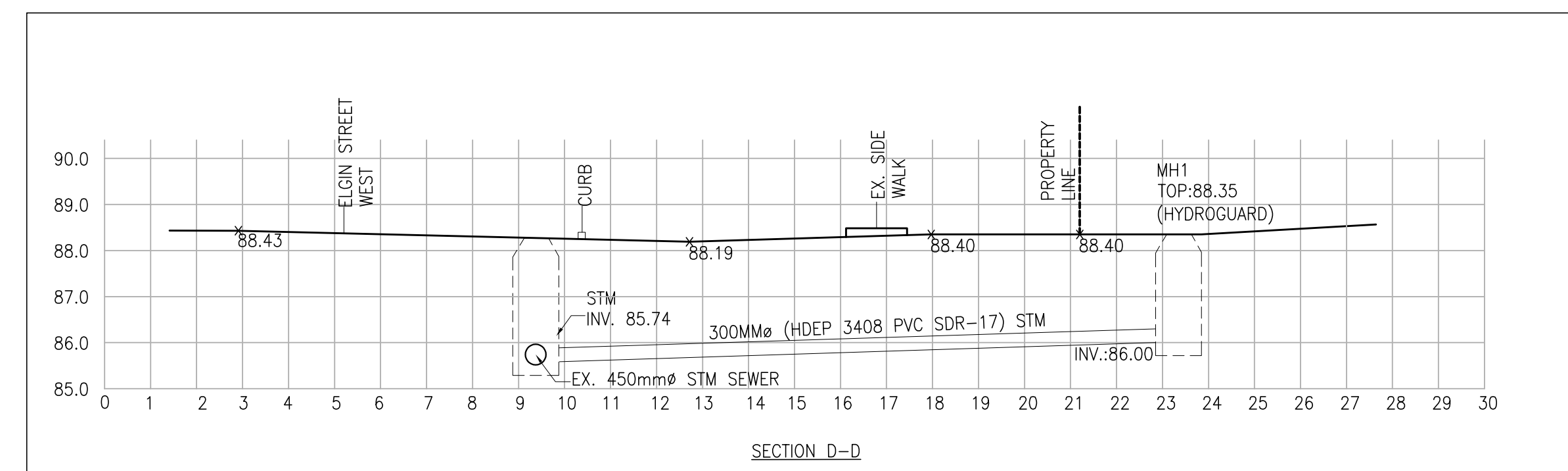
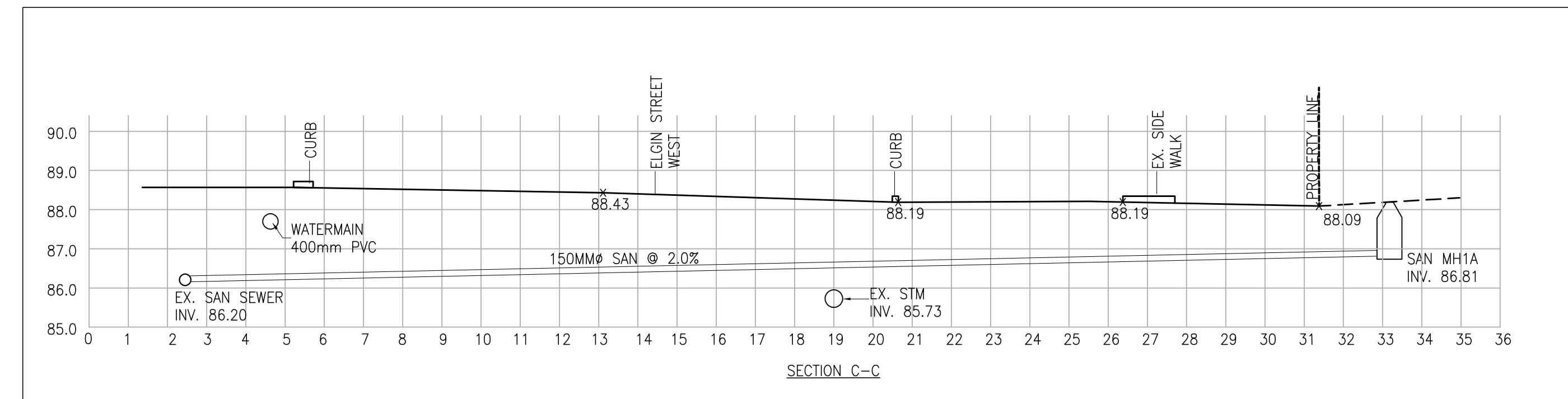
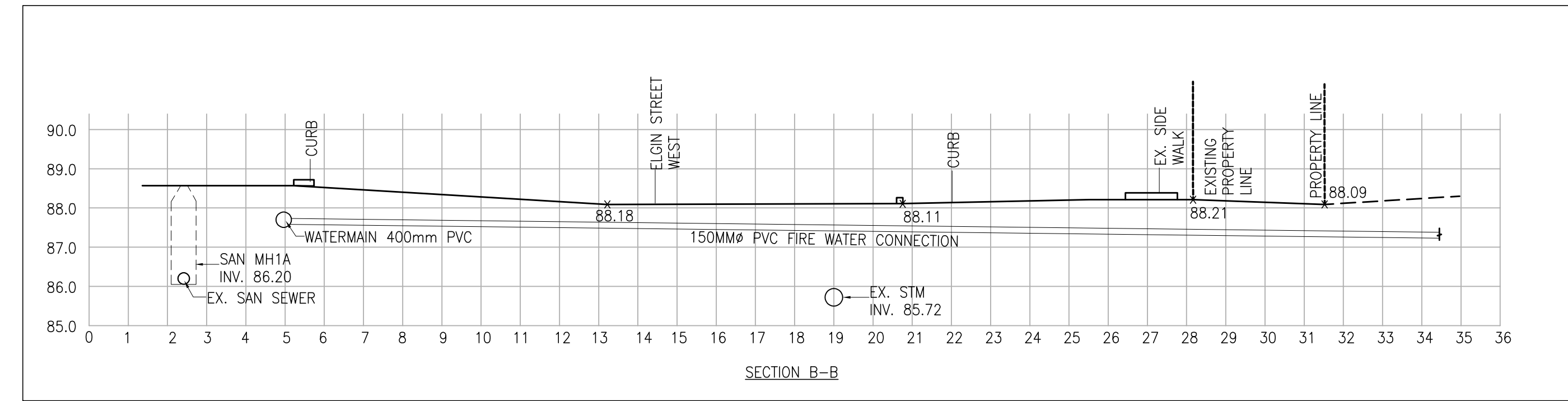
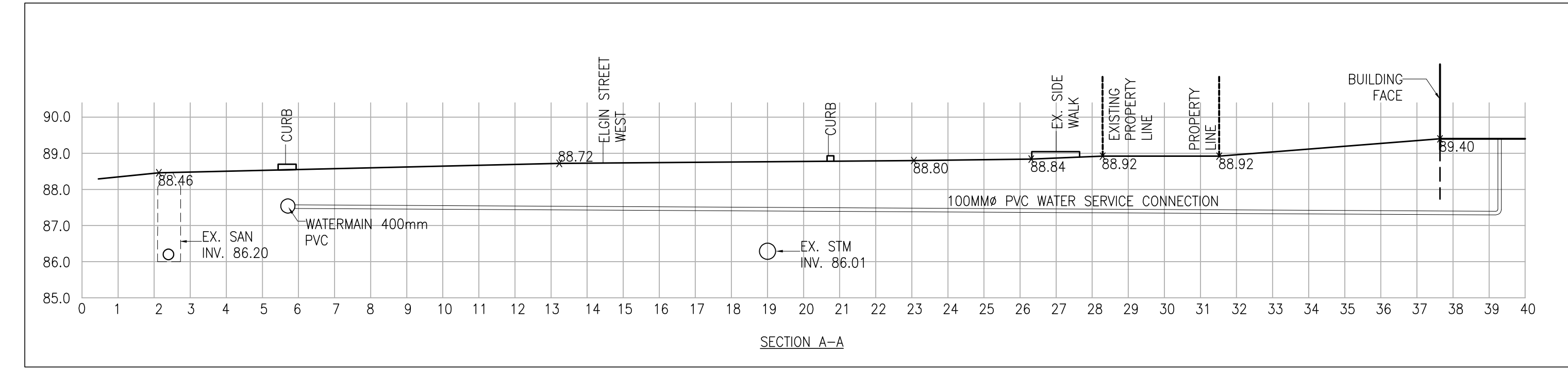
No.	Date	Version	Dwn.
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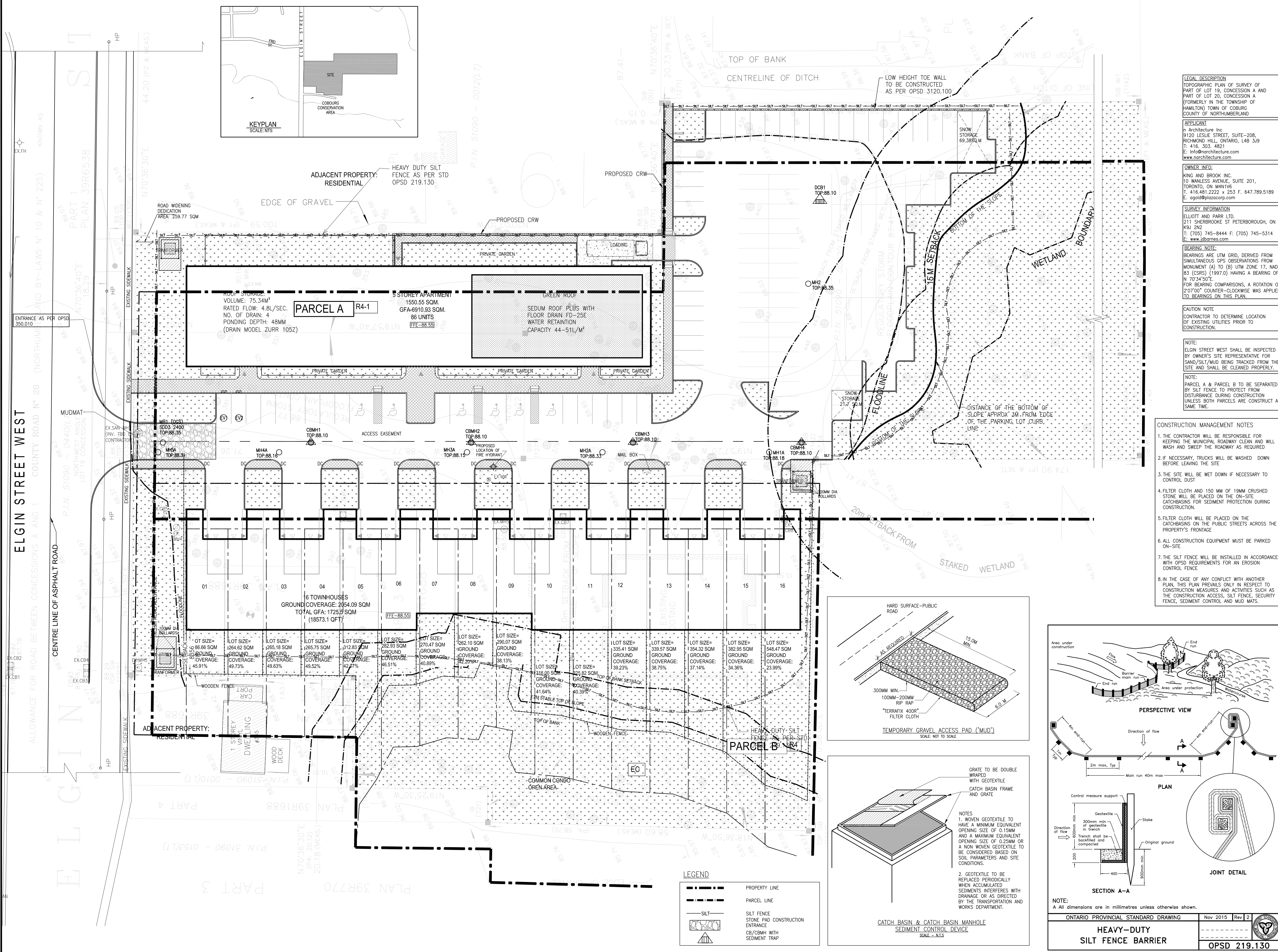
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PROJECT:  
**ELGIN STREET DEVELOPMENT**  
**357-361 ELGIN STREET WEST**  
**COBOURG, ONTARIO**

DRAWING TITLE:  
**SECTION DETAILS**

DRAWN BY: AZ	DATE: 27 OCT. 2020
CHECKED BY: AZ	SCALE: 1:300
PROJECT NO.: <b>20-25</b>	DRAWING NO.: <b>C2a</b>





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Richmond Hill, Ontario, L4B 3J9  
T : 4 1 6 . 3 0 3 . 4 8 2 1  
E : info@narchitecture.com  
www.narchitecture.com

**LEGAL DESCRIPTION**  
TOPOGRAPHIC PLAN OF SURVEY OF PART OF LOT 19, CONCESSION A AND PART OF LOT 20, CONCESSION A (FORMERLY IN THE TOWNSHIP OF HAMILTON TOWN OF COBURG) COUNTY OF NORTHUMBERLAND

**APPLICANT**  
n Architecture Inc  
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RICHMOND HILL, ONTARIO, L4B 3J9  
T: 416.303.4821  
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**BEARING NOTE:**  
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**CAUTION NOTE**  
CONTRACTOR TO DETERMINE LOCATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.

**NOTE:**  
ELGIN STREET WEST SHALL BE INSPECTED BY OWNER'S SITE REPRESENTATIVE FOR SAND/SILT/MUD BEING TRACKED FROM THE SITE AND SHALL BE CLEANED PROPERLY.

**NOTE:**  
PARCEL A & PARCEL B TO BE SEPARATED BY SILT FENCE TO PROTECT FROM DISTURBANCE DURING CONSTRUCTION UNLESS BOTH PARCELS ARE CONSTRUCT AT SAME TIME.

**PROFESSIONAL ENGINEER**  
A.S. ZIAUDDIN  
100233432  
05 MAY, 2021  
PROVINCE OF ONTARIO

**PROJECT NORTH**

**CONSTRUCTION MANAGEMENT NOTES**

1. THE CONTRACTOR WILL BE RESPONSIBLE FOR KEEPING THE MUNICIPAL ROADWAY CLEAN AND WILL WASH AND SWEEP THE ROADWAY AS REQUIRED
2. IF NECESSARY, TRUCKS WILL BE WASHED DOWN BEFORE LEAVING THE SITE
3. THE SITE WILL BE WET DOWN IF NECESSARY TO CONTROL DUST
4. FILTER CLOTH AND 150 MM OF 19MM CRUSHED STONE WILL BE PLACED ON THE ON-SITE CATCHBASINS FOR SEDIMENT PROTECTION DURING CONSTRUCTION.
5. FILTER CLOTH WILL BE PLACED ON THE CATCHBASINS ON THE PUBLIC STREETS ACROSS THE PROPERTY'S FRONTAGE
6. ALL CONSTRUCTION EQUIPMENT MUST BE PARKED ON-SITE
7. THE SILT FENCE WILL BE INSTALLED IN ACCORDANCE WITH OPSD REQUIREMENTS FOR AN EROSION CONTROL FENCE
8. IN THE CASE OF ANY CONFLICT WITH ANOTHER PLAN, THIS PLAN PREVAILS ONLY IN RESPECT TO CONSTRUCTION MEASURES AND ACTIVITIES SUCH AS THE CONSTRUCTION ACCESS, SILT FENCE, SECURITY FENCE, SEDIMENT CONTROL AND MUD MATS.

**NOT FOR CONSTRUCTION**  
ISSUED FOR SPA ONLY

No.	Date	Version	Dwn.
4.	MAY. 05, 2021	ISSUED FOR SPA	AZ
3.	MAR. 23, 2021	ISSUED FOR COORDINATION	AZ
2.	FEB. 04, 2021	ISSUED FOR REVIEW2	AZ
1.	DEC. 24, 2020	ISSUED FOR REVIEW1	AZ

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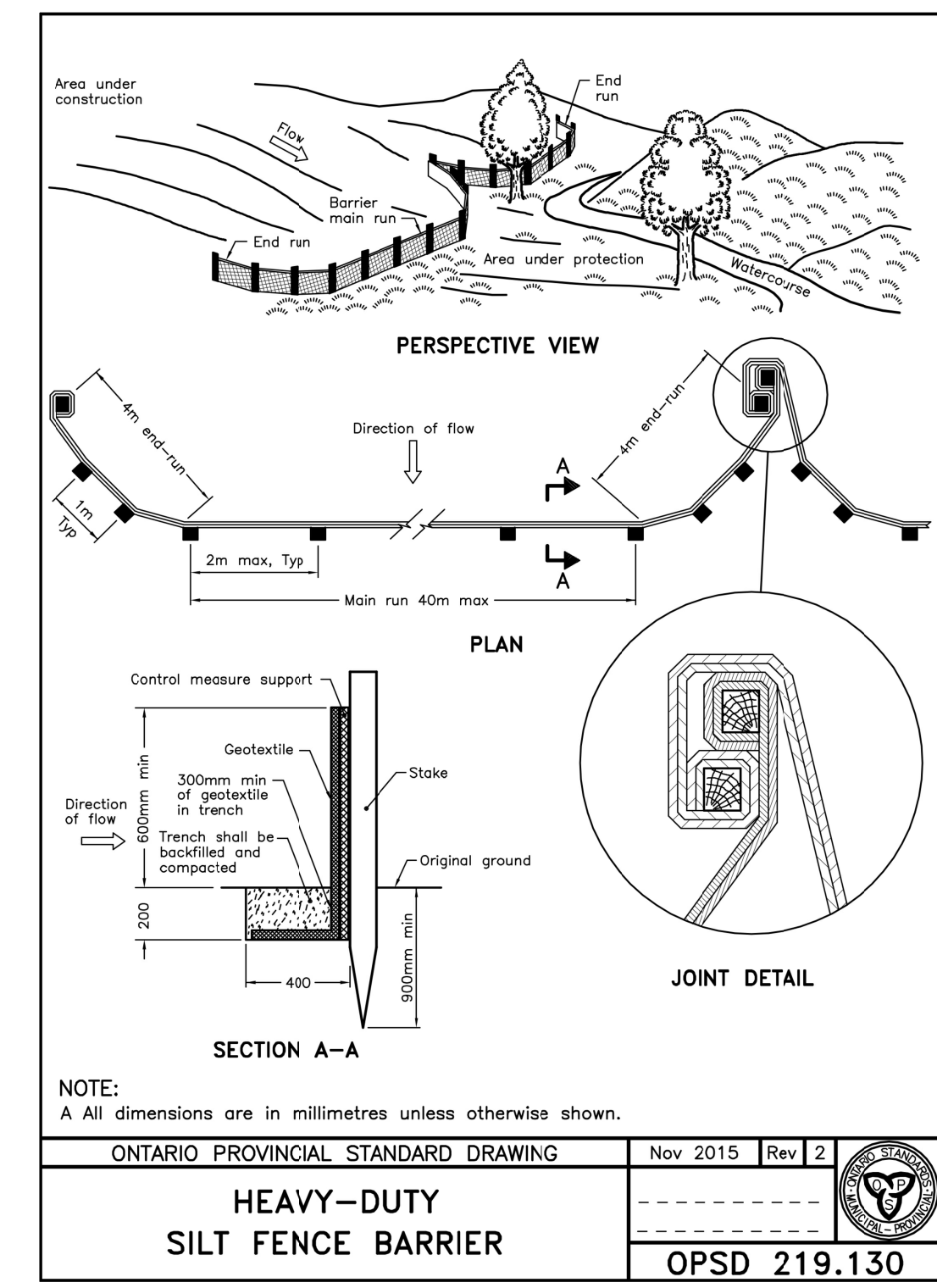
**PROJECT:**  
**ELGIN STREET DEVELOPMENT**  
**357-361 ELGIN STREET WEST**  
**COBURG, ONTARIO**

**DRAWING TITLE:**  
**EROSION & SEDIMENT CONTROL PLAN**

**DRAWN BY:** AZ **DATE:** 27 OCT. 2020

**CHECKED BY:** AZ **SCALE:** 1:300

**PROJECT NO.:** 20-25 **DRAWING NO.:** C3



**NOTES:**  
 1 All concrete thrust blocks shall be poured against undisturbed ground.  
 2 When specified, for watermains 400mm and less, locate valve within 1.0m of centreline of watermain. Retaining and restraining devices shall be utilized. For watermains 600mm and over, bolt valve with flanged end directly to flanged tee.  
 3 Retaining and restraining devices shall be as specified.  
 A Band breaker shall be used between the concrete and the fittings and appurtenances.  
 B Bolts and nuts for buried flange to flange connections shall be stainless steel.  
 C When required, flange of standpipe extensions shall not be in frost zone.  
 D This OPSD shall be read in conjunction with OPSD 1103.010 and 1103.020.  
 E Backfill material within 500mm of service box shall be native or imported, as specified.  
 F Tracer wire shall be installed as specified.  
 G All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING Nov 2018 Rev 3  
**HYDRANT INSTALLATION**  
 OPSD 1105.010

**NOTES:**  
 1 Sewer service connections to the main pipe sewer shall be made using factory made tees, strap-on-saddles, or other approved saddles.  
 2 Vertical risers shall be as specified.  
 3 Cap or plug at property line shall be adequately braced.  
 A Maintenance holes shall be used at the main sewer to connect service connections greater than or equal to 200mm.  
 B For new construction, saddles shall be installed on the main pipe before that pipe is laid.  
 C Approved cut-in tool shall be used for field made connections.  
 D All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING Nov 2016 Rev 3  
**SEWER SERVICE CONNECTIONS FOR MAIN PIPE SEWER**  
 OPSD 1006.010

ALTERNATIVE	DIMENSION
A	1980
B	1830
C	1520
D	1380

**NOTES:**  
 1 Outlet hole size 525mm diameter maximum, location as required.  
 2 200mm diameter knockout to accommodate subdrain. Knockout shall be 60mm deep.  
 3 Centre reinforcing in base slab and walls  $\geq 200$ mm.  
 A Granular backfill shall be placed to a minimum thickness of 300mm all around the catch basin.  
 C Frame, grate, and adjustment units shall be installed according to OPSD 704.010.  
 D Pipe support shall be according to OPSD 708.020.  
 E All dimensions are nominal.  
 F All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING Nov 2014 Rev 3  
**PRECAST CONCRETE CATCH BASIN**  
 600x600mm  
 OPSD 705.010

**NOTE:**  
 A All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING Nov 2018 Rev 4  
**CAST IRON, SQUARE FRAME WITH CIRCULAR WATERTIGHT COVER FOR MAINTENANCE HOLES**  
 OPSD 401.030

**NOTES:**  
 1 The sump is measured from the lowest invert.  
 A Granular backfill shall be placed to a minimum thickness of 300mm all around the maintenance hole.  
 B Precast concrete components shall be according to OPSD 701.030, 701.031, or 701.032.  
 C Structure exceeding 5.0m in depth shall include safety platform according to OPSD 404.020.  
 D Pipe support according to OPSD 708.020.  
 E For benching and pipe opening details, see OPSD 701.021.  
 F For adjustment unit and frame installation, see OPSD 704.010.  
 G All dimensions are nominal.  
 H All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING Nov 2014 Rev 5  
**PRECAST CONCRETE MAINTENANCE HOLE**  
 1200mm DIAMETER  
 OPSD 701.010

**LEGEND:**  
 S = Rate of pavement super-elevation in percent, %.

**NOTES:**  
 1 Flexible and composite pavement shall be placed 5mm above the adjacent edge of gutter.  
 2 When sidewalk is continuously adjacent, the dropped curb at entrances shall be reduced to 75mm.  
 3 For slipforming procedure a 5% batter is acceptable.  
 4 For composite pavement the depth of concrete curb shall be adjusted to depth of concrete pavement.  
 5 When tie bars are specified, refer to OPSD 552.010 and 552.020 for details.  
 A Treatment at entrances shall be according to OPSD 351.010.  
 B Outlet treatment shall be according to the OPSD 610 Series.  
 C The transition from one curb type to another shall be a minimum length of 3.0m, except in conjunction with guide rail where it shall be according to the OPSD 900 Series.  
 D All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING Nov 2012 Rev 2  
**CONCRETE BARRIER CURB WITH STANDARD GUTTER**  
 OPSD 600.040

**NOTES:**  
 A This OPSD shall be read in conjunction with OPSD 610.010 and 610.020.  
 B All dimensions are in millimetres unless otherwise shown.  
 C The transition from one curb type to another shall be a minimum length of 3.0m, except in conjunction with guide rail where it shall be according to the OPSD 900 Series.  
 D All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING Nov 2018 Rev 3  
**CAST IRON, SQUARE FRAME WITH SQUARE OVERFLOW TYPE DISHED GRATE FOR CATCH BASINS, HERRING BONE OPENINGS**  
 OPSD 400.010

**NOTES:**  
 1 The insulation material shall be extruded polystyrene according to OPSD 1605 with a minimum compressive strength of 275 kPa.  
 2 Pipe embedment or bedding, cover, and backfill shall be according to:  
 a) Flexible OPSD 802.010, 802.013, 802.020, and 802.023.  
 b) Rigid - OPSD 802.030, 802.031, 802.032, 802.033, 802.050, 802.051, 802.052, and 802.053.  
 A Minimum insulation thickness shall be 50mm.  
 B Joints shall be staggered for multiple insulation sheets.  
 C All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING Nov 2015 Rev 0  
**INSULATION FOR SEWERS AND WATERMAINS IN SHALLOW TRENCHES**  
 OPSD 1109.030

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 05 MAY, 2021  
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PROJECT NORTH

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PROJECT:  
**ELGIN STREET DEVELOPMENT**  
**357-361 ELGIN STREET WEST**  
**COBourg, ONTARIO**

DRAWING TITLE:  
**STANDARD DRAWINGS**

DRAWN BY: AZ DATE: 27 OCT. 2020  
 CHECKED BY: AZ SCALE: NTS.  
 PROJECT NO.: DRAWING NO.:  
**20-25 C4**