

GENERAL NOTES:

SILT CONTROL

- SILT FENCE AND SILT SOCK & CONSTRUCTION CHAIN LINE FENCE SHALL BE PLACED BEFORE CONSTRUCTION.

TOPOGRAPHIC SURVEY

- SURVEY WAS CONDUCTED BY "MANDARIN SURVEYORS LIMITED" ON FEB. 03, 2022
- ELEVATIONS SHOWN HEREON ARE GEODETIC AND ARE REFERRED TO THE TOWN OF WHITCHURCH-STOUFFVILLE BENCHMARK No. 13020160016, HAVING AN ELEVATION OF 333.284M, DATUM: CGV28/78. BRASS TABLET SET IN CONCRETE HEADWALL ON EAST SIDE OF SOMER RUMM COURT, 34.2M SOUTHEAST OF THE MOST SOUTHERLY CORNER OF 35 SOMER RUMM COURT, 11.2M SOUTHEAST OF CHAIN LINK FENCE, 12.9M SOUTHWEST OF THE OUT END OF A CONCRETE HEADWALL, 26.0M NORTHWEST OF AN IRON BAR, 22.6M NORTHEAST OF A CHAIN LINK FENCE AND 33.3M NORTHEAST OF THE NORTHEAST CORNER OF 27 SOMER RUMM COURT..

STORMWATER MANAGEMENT

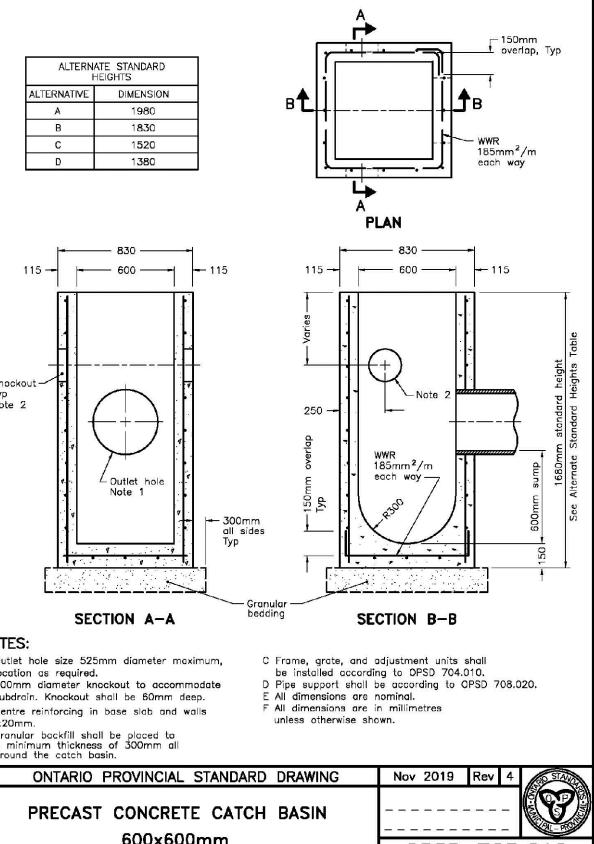
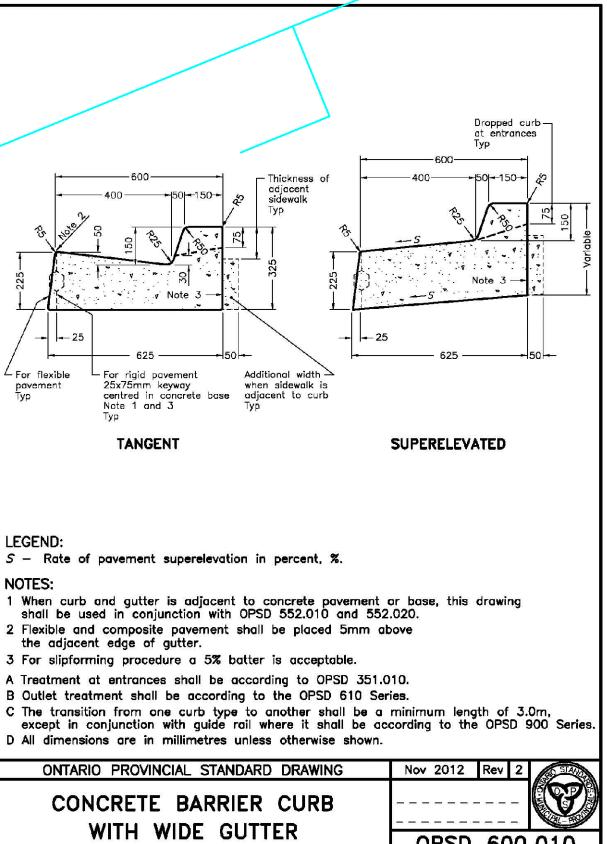
- ROOFTOP STORMWATER WILL FLOW TO CURB SIDE CATCH BASIN THROUGH INTERNAL DRAIN.
- EXISTING MANHOLE TO BE REMAINED AND SERVICE FOR OVERFLOW OF INFILTRATION CHAMBER.
- ACO STORMBRIXX SD INFILTRATION CHAMBER AT NORTH SIDE OF PROPERTY WILL COLLECT ALL OVERFLOW OF ROOFTOP STORMWATER AND NORTHERN PART DRIVEWAY STORMWATER (2,790M²) THROUGH PAVEMENT SLOPE AND CATCH BASINS.
- CATCH BASIN
 - CATCH BASIN SHALL BE CONSTRUCTED AS PER "OPSD 705.010"
 - CONNECTION PIPE TO BE 300MM DIA. PVC PIPE @ MINIMUM 1.0% GRADE
 - MINIMUM COVER FROM FINISHED GRADE TO INVERT OF CONNECTION PIPE SHALL BE 1.20M, TO INVERT OF PIPE SHALL BE 1.50M

SITE SERVICES

- EXISTING WATER MAIN LINE IS FOUND NEAR NORTHWEST PROPERTY BOUNDARY, TO BE CONNECTED TO PROPOSED WAREHOUSE.
- SEPTIC SYSTEM FOR WAREHOUSE BE CONSIDERED AT SOUTHWEST SIDE OF PROPERTY. DETAILS REFER TO SEPARATED REPORT AND EGR 1.4.
- TRANSFORMER PAD SHALL BE BUILT AT NORTHWEST SIDE OF PROPERTY AT THE LANDSCAPE, ELECTRIC POWER SHALL BE CONNECTED TO WAREHOUSE DIRECTLY.
- GAS MAINLINE WAS NOT FOUND, ESTIMATED TO BE NORTHERN SIDE OF WATERMAIN, PROPOSED GAS SERVICE CONNECTED TO BUILDING

DRIVEWAY CONSTRUCTION

- GRANULAR SHALL BE 98% COMPACTION
- PAVEMENT MATERIAL TO BE REFERRED BY BELOW TABLE



PAVEMENT RECOMMENDATION

Roadway Layer	Material	Specification	Light-Duty Design Thickness (mm)	Heavy-Duty Design Thickness (mm)
Layer #1 (Surface Asphalt)	Asphaltic Material OPSS 1150	HL 3 Surface Course	40	50
Layer #2 (Binder Asphalt)	Asphaltic Material OPSS 1150	HL 8 Binder Course	50	100 (two lifts)
Layer #3 (Base)	Granular Material OPSS 1010	Granular A, new	150	150
Layer #4 (Sub-base)	Granular Material OPSS 1010	Granular B-Type II, new	300	450

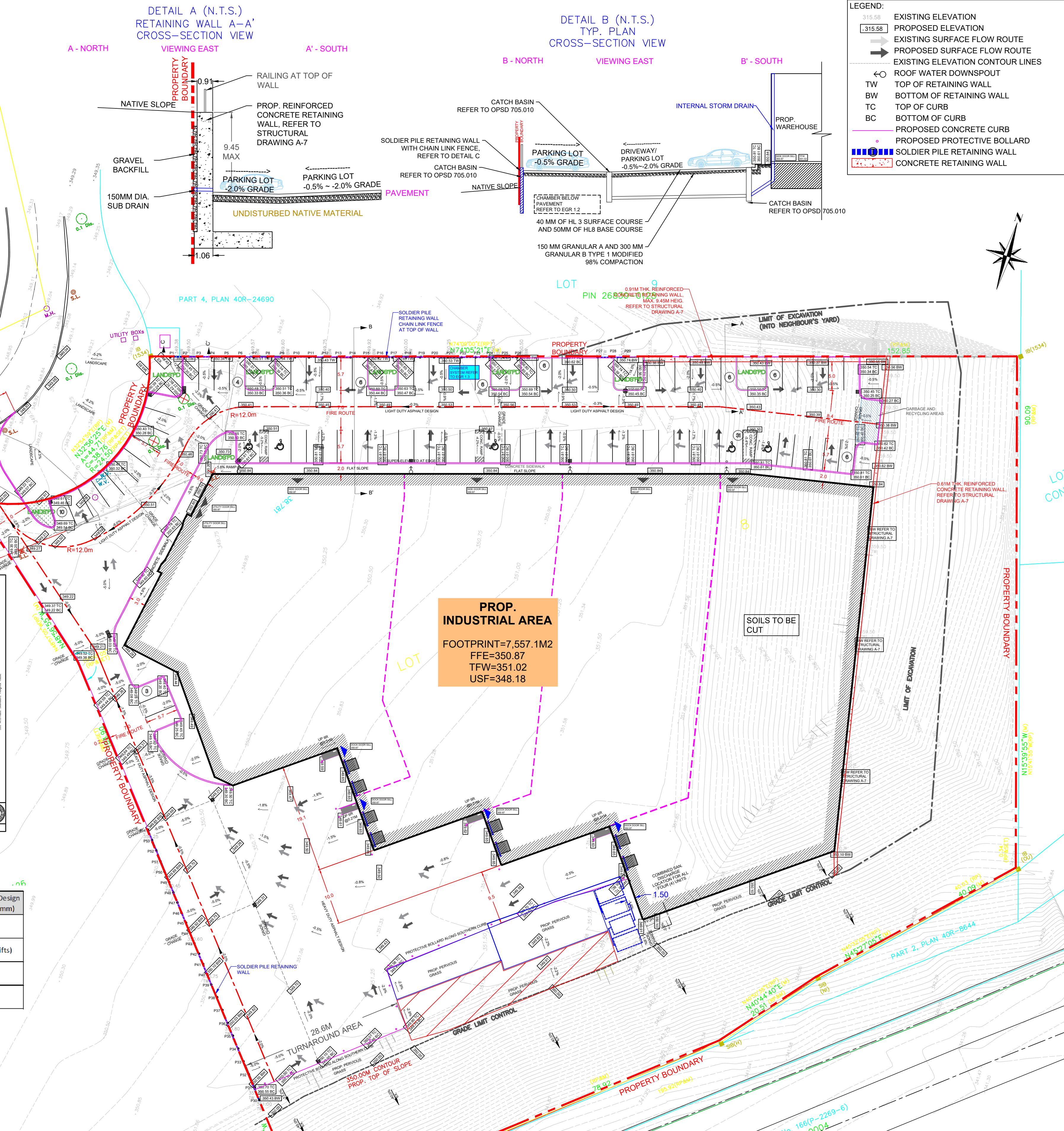
SCALE 1:400

1cm = 4m

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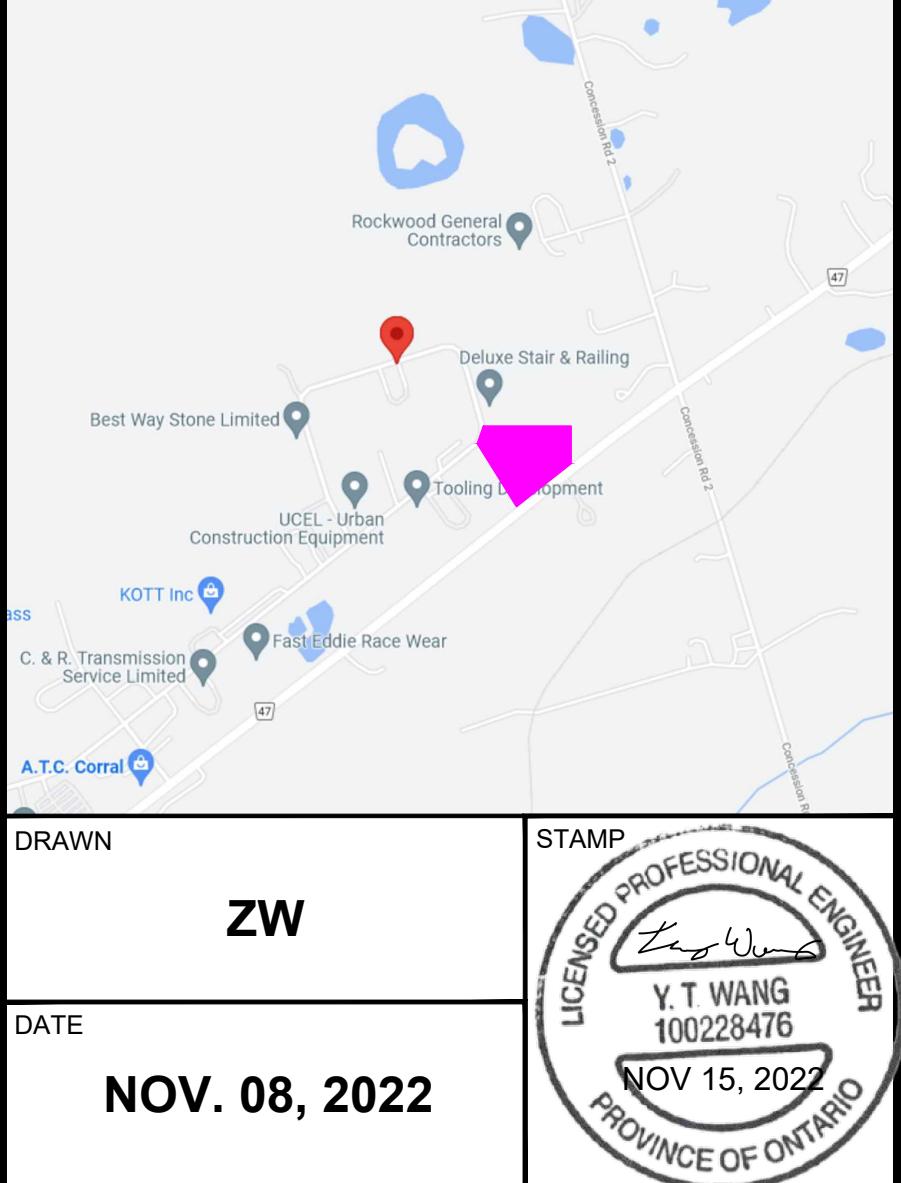
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40m



KEY MAP

N.T.S.



KING
E P C M

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204-304 Toronto Street South
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647-459-5647
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PAULSAN
CONSTRUCTION INC.

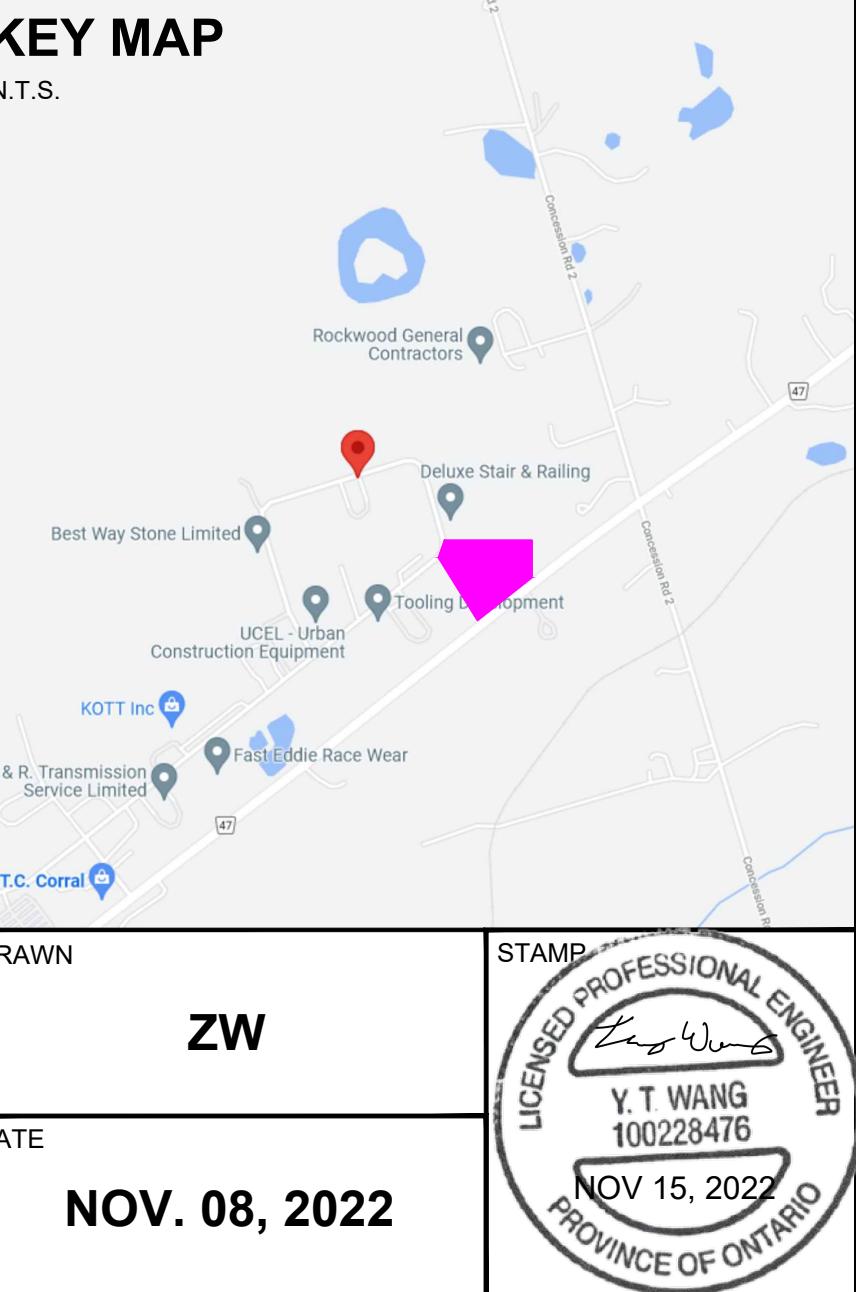
CONSTRUCTION
OF
SINGLE STOREY
WAREHOUSE

PROJECT LOCATION
37 ANDERSON BLVD.,
UXBRIDGE
LOT 8 PIN 26830-0127(LT)

PRINT TITLE
SITE GRADING PLAN

FILE No.
EGR - 1.1

No.	ISSUED FOR:	DATE	DRAW BY	CHECK
V13	ISSUED FOR PERMITS	NOV. 08, 2022	ZW	



KING

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PAULSAN CONSTRUCTION INC.

CONSTRUCTION OF SINGLE STOREY WAREHOUSE

PROJECT LOCATION
37 ANDERSON BLVD., UXBRIDGE
LOT 8 PIN 26830-0127(LT)

PRINT TITLE
SOLDIER PILE RETAINING WALL DETAILS

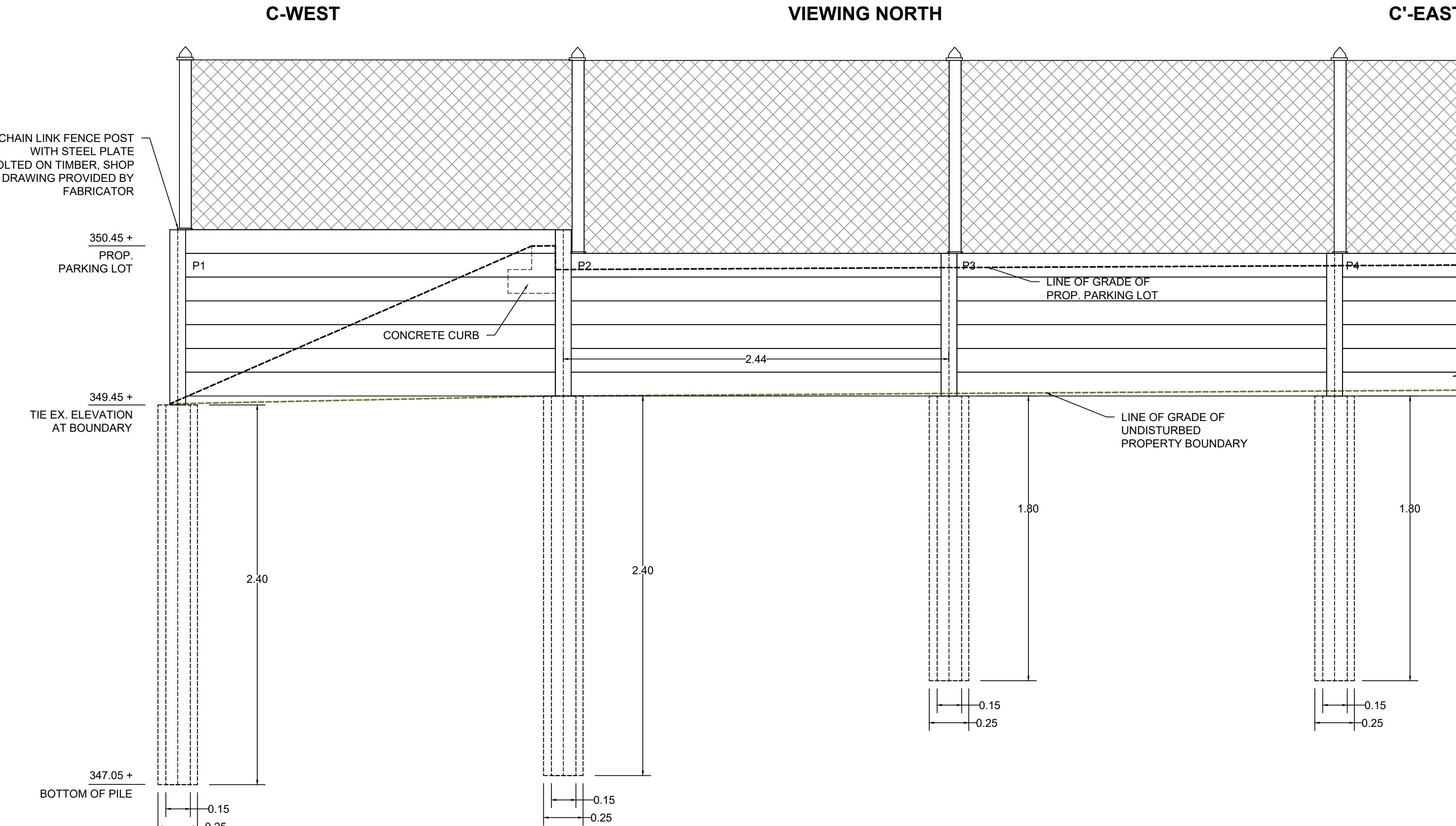
FILE No.
EGR - 1.2

No.	ISSUED FOR:	DATE	DRAW BY	CHECK
V13	ISSUED FOR PERMITS	NOV. 08, 2022	ZW	

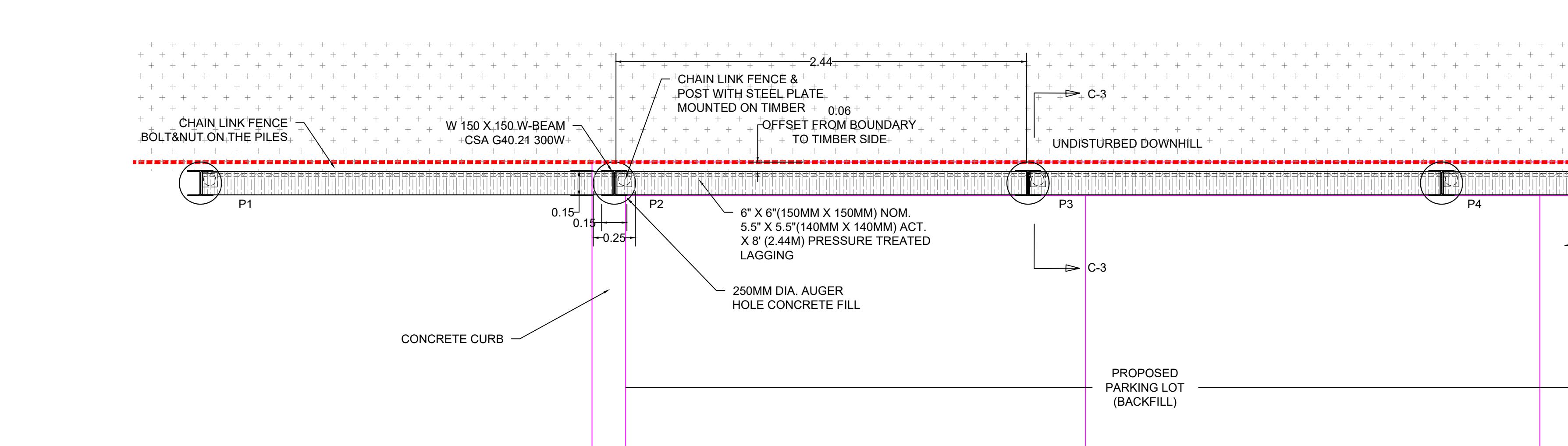
PILES LAYOUT & SUMMARY REFER TO EGR 1.6

DETAIL C-1
SECTION VIEW

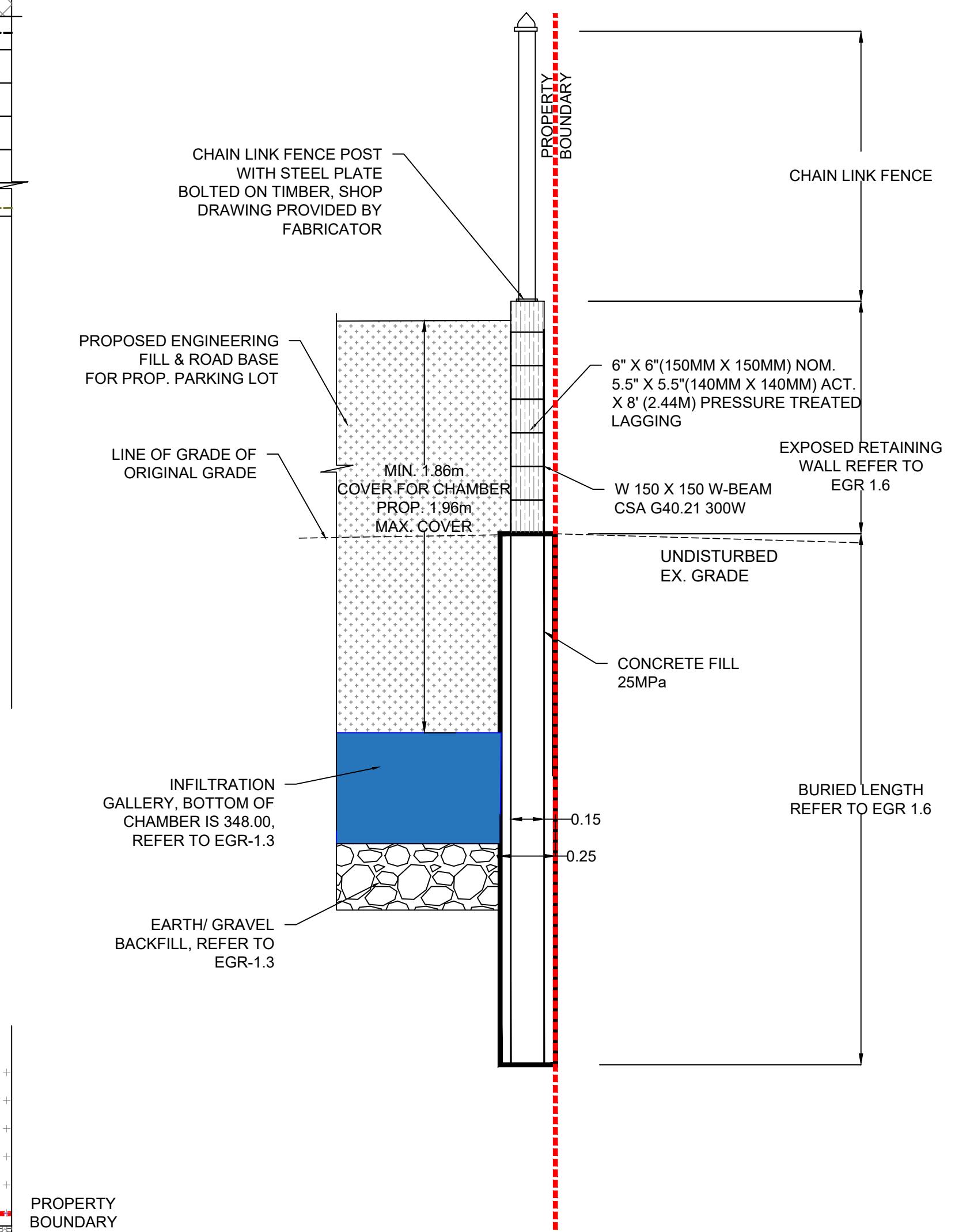
VIEWING NORTH

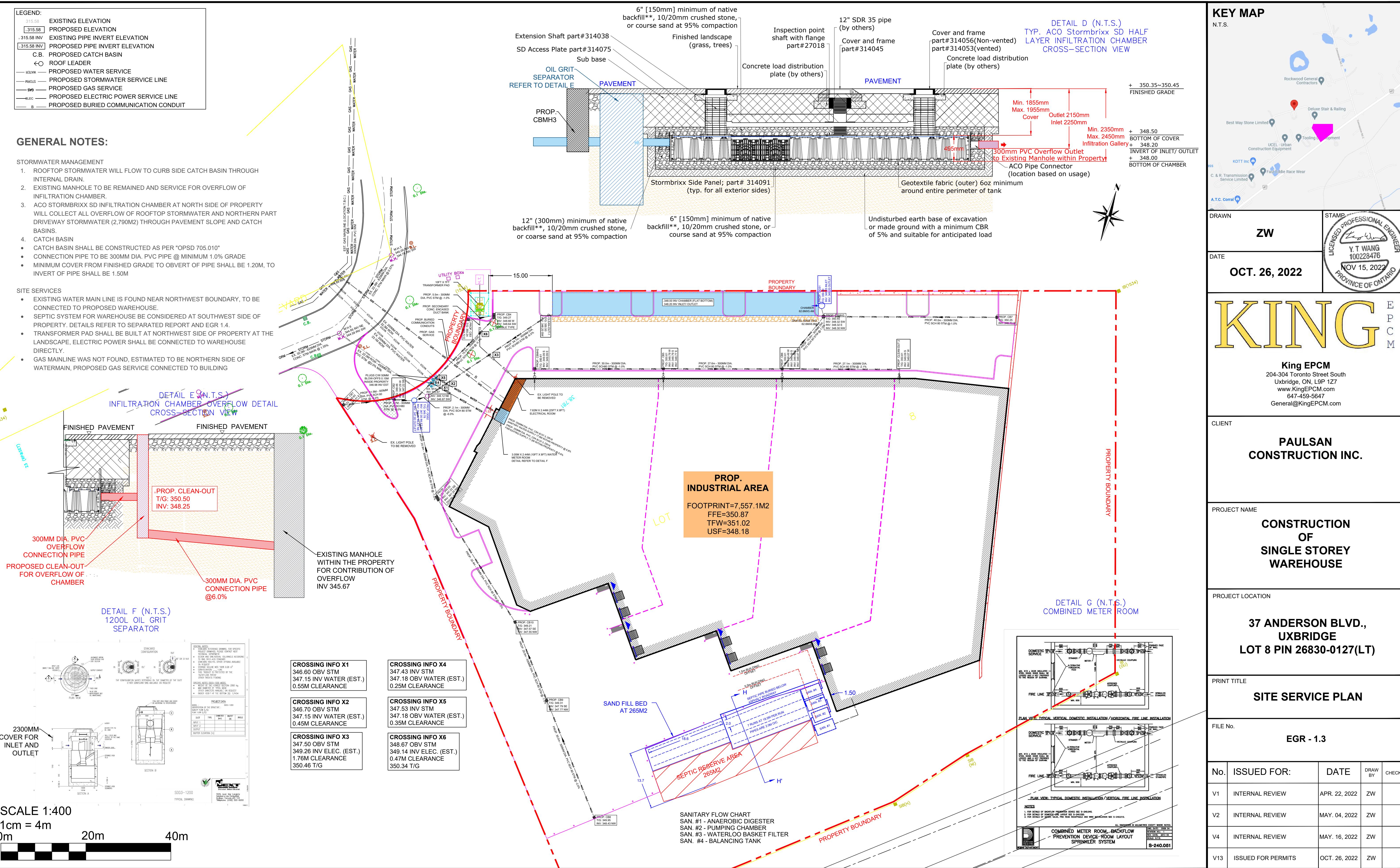


DETAIL C-2
DETAILED PLAN VIEW - SOLDER PILES AND LAGGING

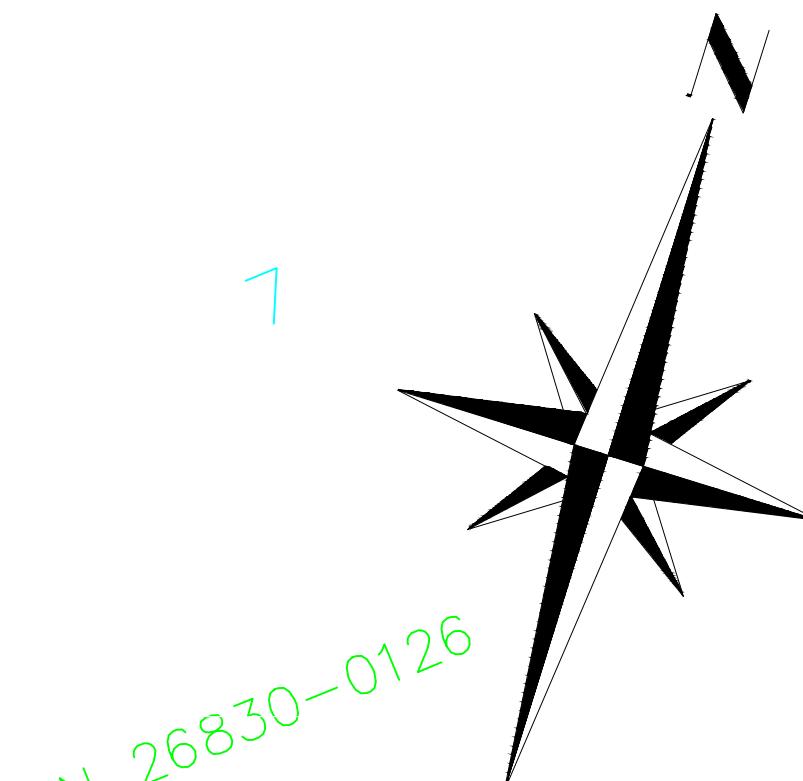


DETAIL C-3
CROSS SECTION





LEGEND:
 315.58 EXISTING ELEVATION
 315.58 PROPOSED ELEVATION
 315.58 INV EXISTING PIPE INVERT ELEVATION
 315.58 INV PROPOSED PIPE INVERT ELEVATION
 C.B. PROPOSED CATCH BASIN



PIN 26830-0126

H-NORTH H-SOUTH
 DETAIL H (1:400)
 CROSS-SECTION OF
 SEPTIC SYSTEM
 VIEWING EAST

ASPHALT PARKING LOT
 & GRANULAR BASE / SUB-BASE
 NATIVE SANDY CLAY SOILS
 265m² of SAND FILL
 BELOW SHALLOW BURIED TRENCH
 WITH NATIVE CLAY LAYER GRADING
 NORTH INTO PARKING LOT BASE
 CHAMBER IS 0.6M WIDE X 0.3M TALL, 2.0M O/C

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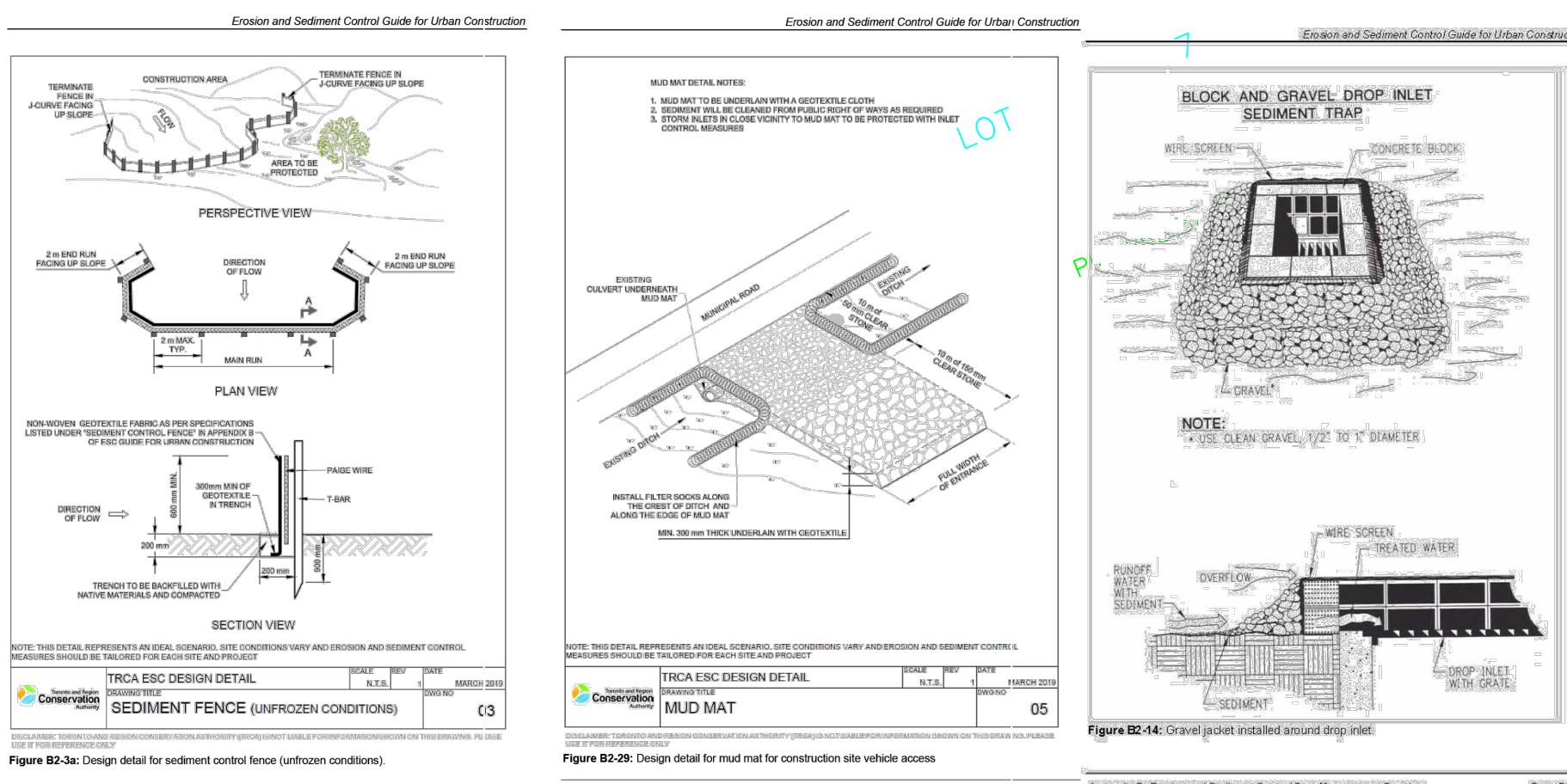
PHASE 2 & 3: CUT & FILL OPERATIONS & MAIN CONSTRUCTION (ORANGE BACKGROUND)

- WAREHOUSE CUT & FILL
 - INFILTRATION TRENCH
 - RETAINING WALL FOR BERM
 - SOLDIER PILE RETAINING WALL
 - CONCRETE FOUNDATION WALL
 - WAREHOUSE STRUCTURE
 - SEPTIC SYSTEM
 - SITE SERVICES

FILL	VOLUME	3457.7	M3
	PROPERTY FOOTPRINT	19431.0	M2
	AVE. HEIGHT	0.2	M
CUT	VOLUME	-28396.6	M3
	PROPERTY FOOTPRINT	19431.0	M2
	AVE. HEIGHT	1.5	M
SUM		-24938.9	M3

PHASE 1: SITE PREPARATIONS (BLUE ANGLE HATCH)

- SILT FENCE
 - SOIL BERM CUT
 - TEMP. SOIL SUPPORT
 - STOCKPILE TOPSOIL AT
NORTHWEST OF SITE

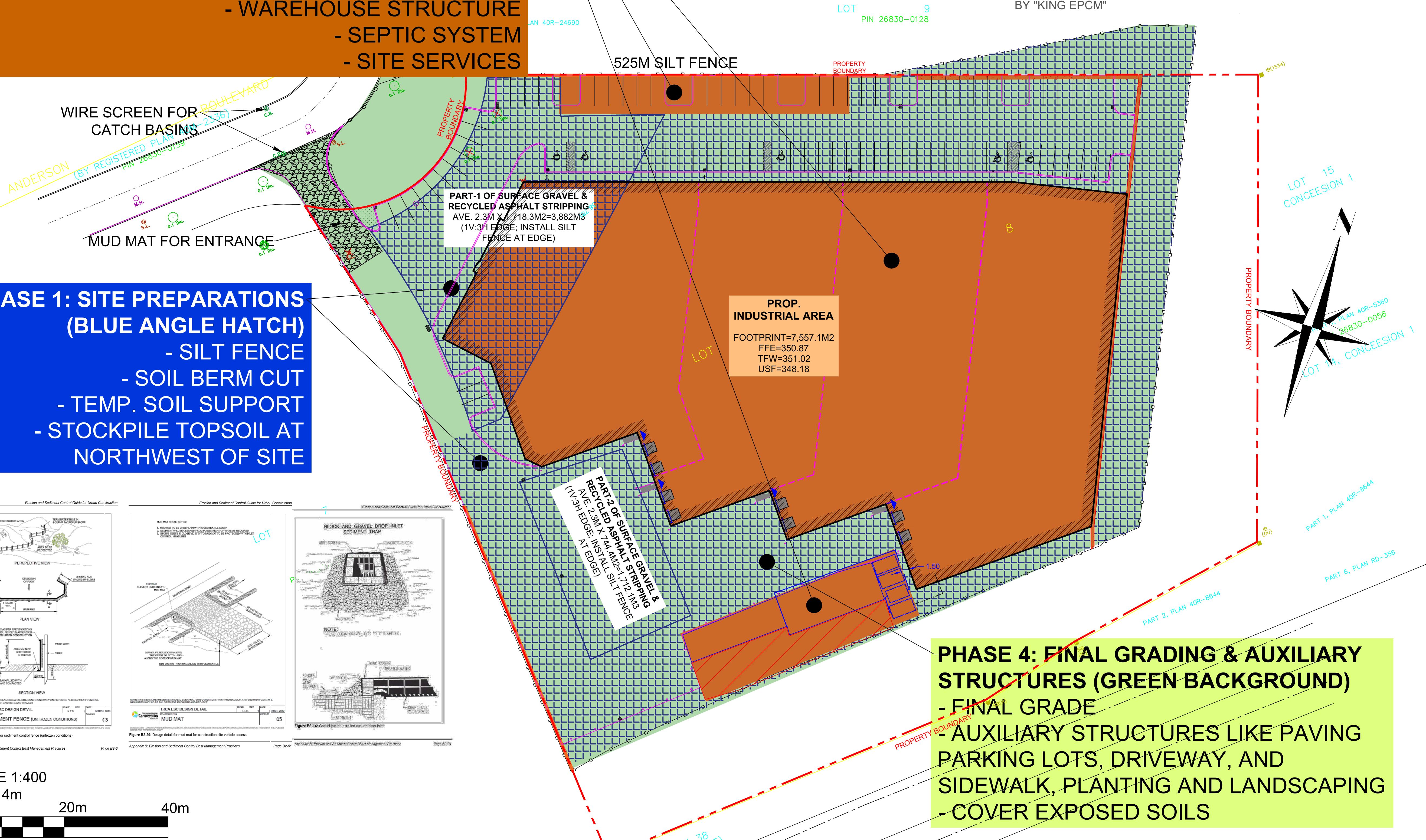


SCALE 1:400
1cm = 4m



GENERAL NOTES

- EMERGENCY SPILL KITS OF MECHANICAL FLUIDS AND PETROLEUM HYDROCARBONS ARE REQUIRED TO BE AVAILABLE AT SITE AT ALL TIMES.
 - TOTAL NON-TOPSOIL EXCAVATION (CUTTING)FOR A 10,500M³ (+10% FOR EASTERN BERM) SHOULD BE TRUCKED OFF-SITE
 - RUNOFF FROM TOPSOIL STOCKPILE SHALL BE CONTROLLED BY A SEDIMENT CONTROL FENCE OR OTHER APPROVED DEVICES. IF REMAINING FOR MORE THAN 30 DAYS, TOPSOIL STOCKPILE SHALL BE STABILIZED BY VEGETATIVE COVER, OR BY OTHER MEANS.
 - ALL DETAILS REFER TO "EROSION AND SEDIMENT CONTROL PLAN" BY "KING EPCM"

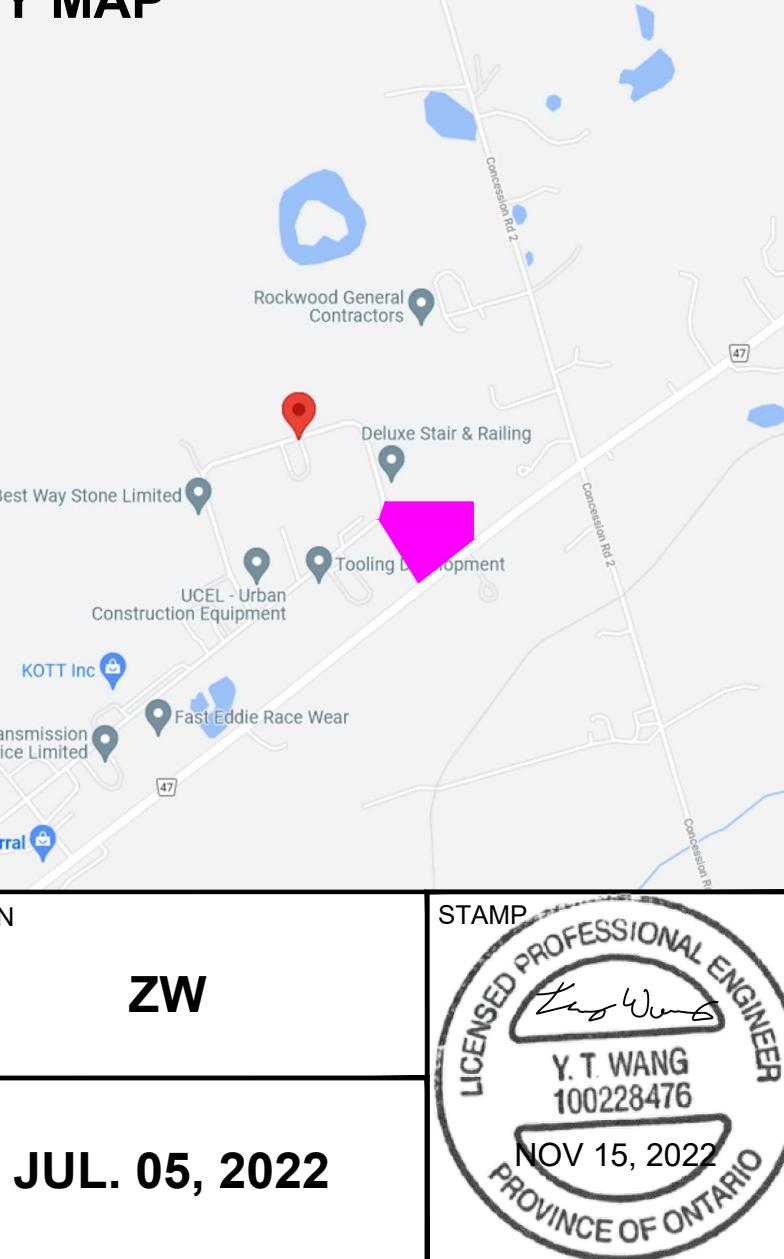


PHASE 4: FINAL GRADING & AUXILIARY STRUCTURES (GREEN BACKGROUND)

- FINAL GRADE
 - PROPERTY BOUNDARY
 - FINAL GRADE
 - AUXILIARY STRUCTURES LIKE PAVING
PARKING LOTS, DRIVEWAY, AND
SIDEWALK, PLANTING AND LANDSCAPING
 - COVER EXPOSED SOILS

KEY MAP

N.T.S



KING

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PAULSAN CONSTRUCTION INC.

JECT NAME

CONSTRUCTION OF SINGLE STOREY WAREHOUSE

PROJECT LOCATION

**37 ANDERSON BLVD.,
UXBRIDGE
LOT 8 PIN 26830-0127(L T)**

PRINT TITLE

FILE No.				
EGR - 1.5				
No.	ISSUED FOR:	DATE	DRAW BY	CHECK
V1	INTERNAL REVIEW	APR. 22, 2022	ZW	
V2	INTERNAL REVIEW	MAY. 04, 2022	ZW	
V4	INTERNAL REVIEW	MAY. 16, 2022	ZW	
V10	ISSUED FOR PERMITS	JUL. 08, 2022	ZW	TW

