

UTILITY NOTES:

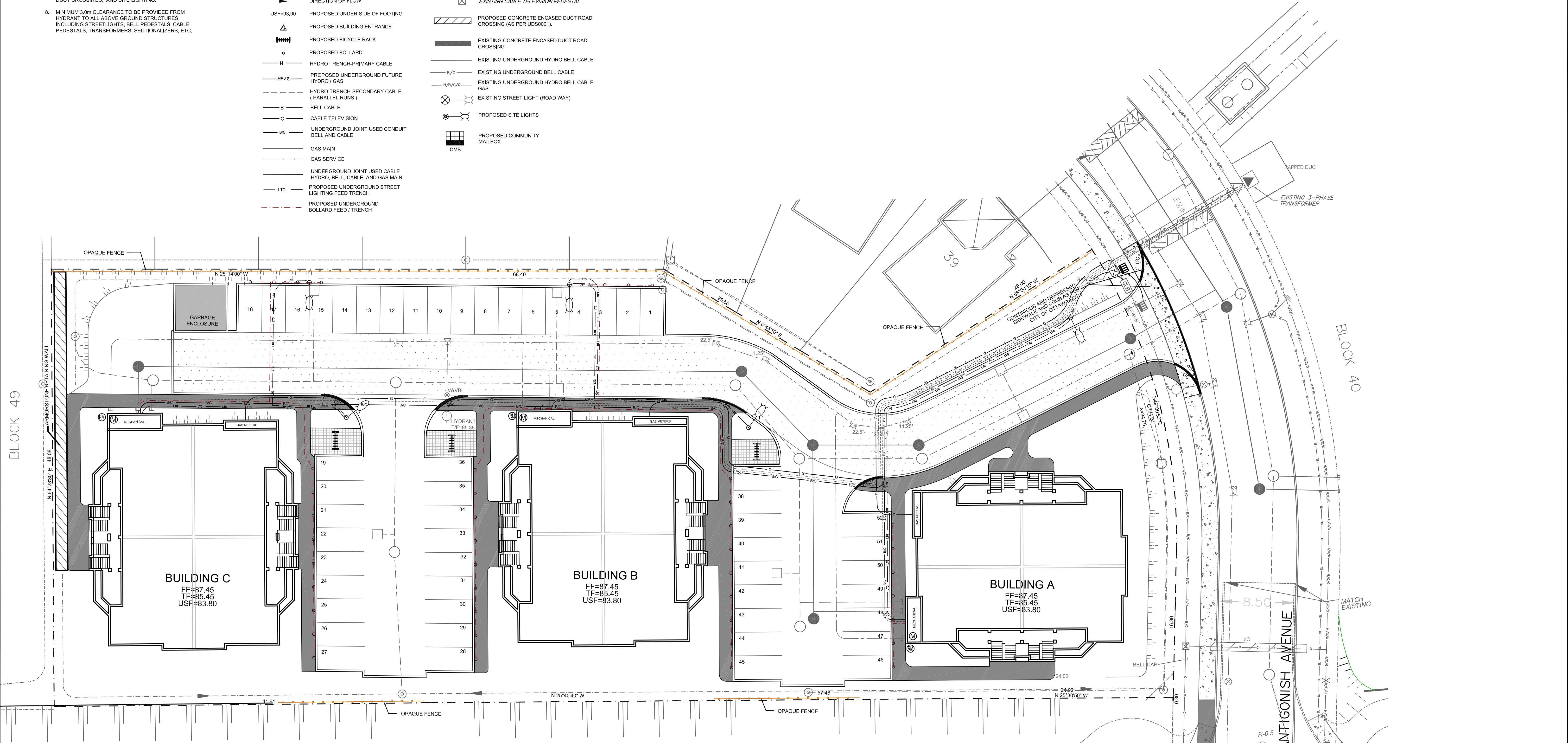
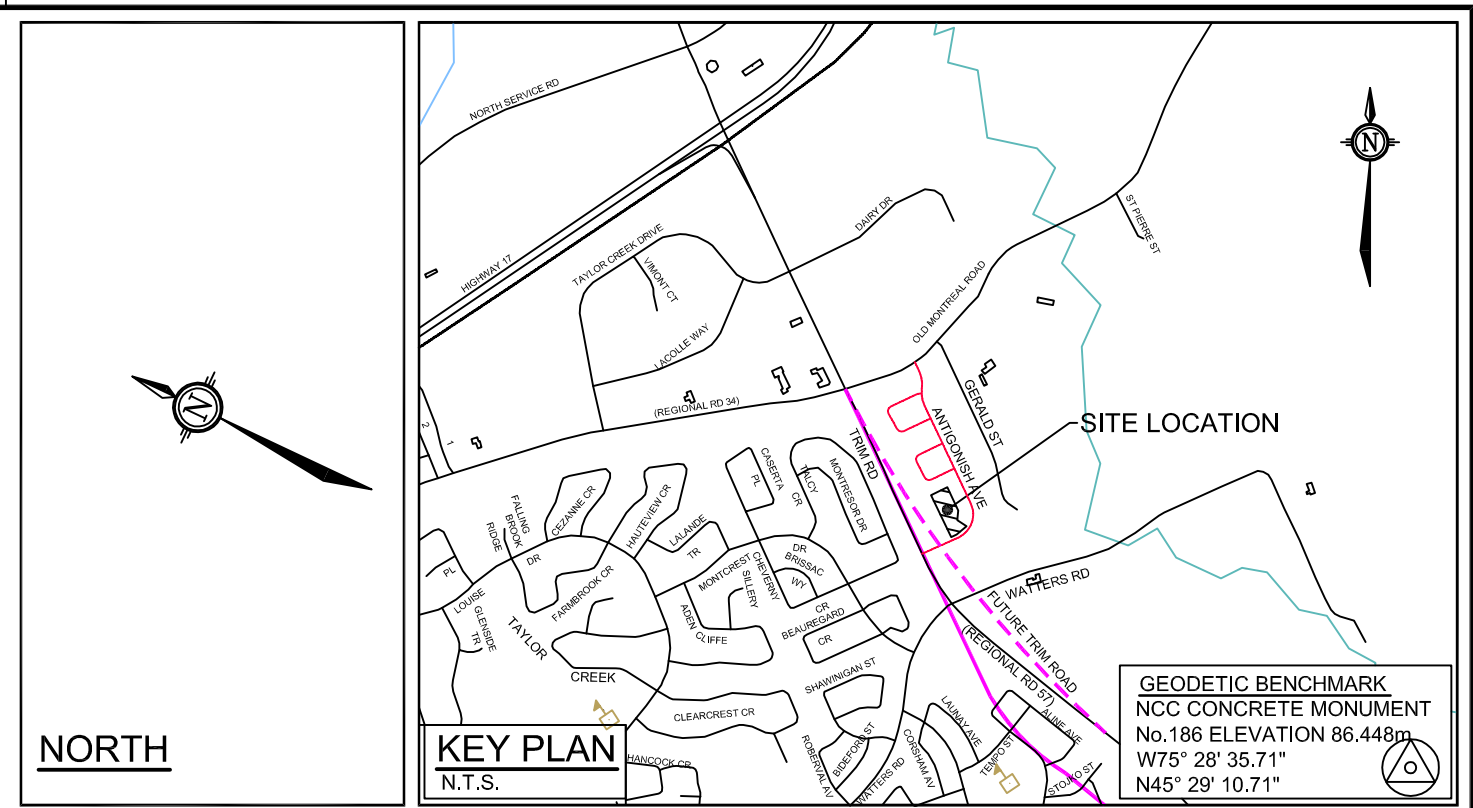
- CONTRACTOR TO CONTACT RESPECTIVE UTILITY COMPANIES TO DETERMINE EXACT LOCATION OF EXISTING UTILITIES BEFORE COMMENCING WORK, CONTRACTOR TO ASSUME ALL LIABILITY FOR DAMAGE TO EXISTING UTILITIES.
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH QUADRANT SITE SERVICING DRAWING (XXXXXXXXXXXX), HYDRO ONE DRAWING (XXXXXXXXXXXXXXXXXXXX), AS WELL AS THE BELL AND ROGERS DESIGNS.
- REFER TO ARCHITECTURAL DRAWINGS FOR BUILDING AND BOLLARD LOCATIONS AND DIMENSIONS.
- CONTRACTOR SHALL EXCAVATE, BACKFILL, AND RESTORE ALL SURFACES TO EXISTING CONDITIONS FOR HYDRO PRIMARY, BELL, AND CABLEVISION CABLES.
- CONTRACTOR SHALL SUPPLY AND INSTALL ALL DUCT WORK PER HYDRO ONE SPECIFICATIONS AND STANDARDS.
- TEMPORARILY COIL ALL SERVICE WIRES ON A 76mm X 76mm X 2.4m WOODEN POST FOR EACH UNIT WITH ENOUGH CONDUCTOR TO ALLOW FOR COMPLETION OF TRENCHING AND BUILDING CONNECTION.
- MINIMUM 1.5m CLEARANCE TO BE PROVIDED FROM WATER SERVICES TO ALL PEDESTALS, TRANSFORMER PADS, ROAD DUCT CROSSINGS, AND SITE LIGHTING.
- MINIMUM 3.0m CLEARANCE TO BE PROVIDED FROM HYDRANT TO ALL ABOVE GROUND STRUCTURES INCLUDING STREETLIGHTS, BELL PEDESTALS, CABLE PEDESTALS, TRANSFORMERS, SECTIONALIZERS, ETC.

LEGEND

- DC PROPOSED CURB (TYPE AS INDICATED)
- 200mmØ PROPOSED DEPRESSED CURB
- V&VB PROPOSED WATERMAIN AND DIAMETER
- HYD PROPOSED VALVE & VALVE BOX
- BEND PROPOSED BEND AND THRUSTBLOCK 11.25°, 22.5°, 45° OR TEE
- C PROPOSED CAP
- PROPOSED REMOTE WATER METER
- PROPOSED WATER METER
- SAN MH PROPOSED SANITARY MANHOLE & SEWER
- STM MH PROPOSED STORM MANHOLE & SEWER
- CB PROPOSED CATCHBASIN C/W CATCHBASIN LEAD
- CBMH PROPOSED CATCHBASIN MANHOLE
- PROPOSED DIRECTION OF FLOW
- USF=93.00 PROPOSED UNDER SIDE OF FOOTING
- PROPOSED BUILDING ENTRANCE
- PROPOSED BICYCLE RACK
- PROPOSED BOLLARD
- H HYDRO TRENCH-PRIMARY CABLE
- HF/G HYDRO UNDERGROUND FUTURE HYDRO / GAS
- H/B/C/G HYDRO TRENCH-SECONDARY CABLE (PARALLEL RUNS)
- B BELL CABLE
- C CABLE TELEVISION
- B/C UNDERGROUND JOINT USED CONDUIT BELL AND CABLE
- GAS MAIN
- GAS SERVICE
- UNDERGROUND JOINT USED CABLE HYDRO, BELL, CABLE AND GAS MAIN
- LTC PROPOSED UNDERGROUND STREET LIGHTING FEED TRENCH
- PROPOSED UNDERGROUND BOLLARD FEED / TRENCH

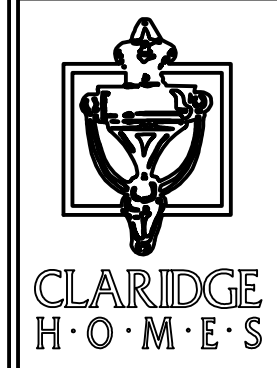
LEGEND

- EXISTING 3:1 SIDESLOPE
- HP EXISTING HYDRO POLE
- EXISTING DITCH
- EXISTING CONCRETE SIDEWALK
- PROPOSED ASPHALT
- PROPOSED CONCRETE
- RV ROGERS VAULT
- CABLE PEDESTAL
- EXISTING 3-PHASE TRANSFORMER
- EXISTING BELL GROUND LEVEL BOX
- EXISTING CABLE TELEVISION PEDESTAL
- PROPOSED CONCRETE ENCASED DUCT ROAD CROSSING (AS PER UDS0001)
- EXISTING CONCRETE ENCASED DUCT ROAD CROSSING
- EXISTING UNDERGROUND HYDRO BELL CABLE
- B/C EXISTING UNDERGROUND BELL CABLE
- H/B/C/G EXISTING UNDERGROUND HYDRO BELL CABLE GAS
- EXISTING STREET LIGHT (ROAD WAY)
- PROPOSED SITE LIGHTS
- PROPOSED COMMUNITY MAILBOX



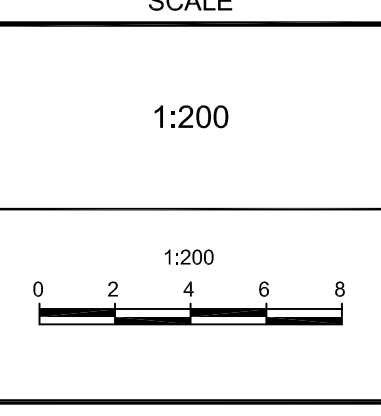
NOTE:
THE POSITION OF ALL POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

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210 GLADSTONE AVENUE,
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NOTE:
CONTRACTOR TO CONFIRM ELEVATIONS OF INFRASTRUCTURE IN THE STREET PRIOR TO EXTENDING SERVICES INTO THE SITE AND SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES IMMEDIATELY.

No.	REVISION	DATE	BY
1.	ISSUED FOR INFORMATION AND SITE PLAN CIRCULATION	JULY 4/2012	GJM



DESIGN	BHB
CHECKED	GJM
DRAWN	AJL
CHECKED	BHB
APPROVED	GJM

FOR REVIEW ONLY

PRELIMINARY DESIGN

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LOCATION CITY OF OTTAWA ROYAL RIDGE BLOCK 47	PROJECT NO. 111156-00
DRAWING NAME COMPOSITE UTILITY PLAN	REV # 01
	DRAWING NO. 111156-UTL

M20111156-UTL.dwg UTL Jul 05, 2012 4:59pm alimotse