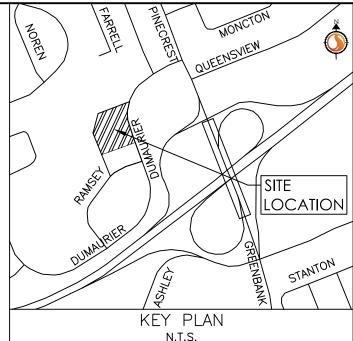


ORIGINAL SHEET - ARCH D

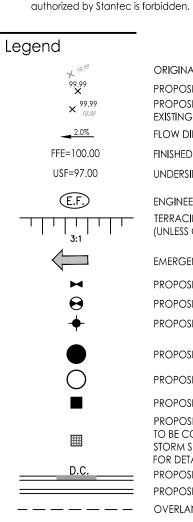




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# FLOW DIRECTION AND GRADE FINISHED FIRST FLOOR ELEVATION UNDERSIDE OF FOOTING ELEVATION ENGINEERED FILL REQUIRED

ORIGINAL GROUND ELEVATION

PROPOSED LOT CORNER ELEVATION

EXISTING ELEVATION AT LOT CORNER

PROPOSED ELEVATION

TERRACING 3:1 SLOPE MAXIMUM (UNLESS OTHERWISE SHOWN)

EMERGENCY OVERLAND FLOW DIRECTION PROPOSED VALVE BOX

PROPOSED VALVE CHAMBER PROPOSED FIRE HYDRANT

PROPOSED SANITARY SEWER MANHOLE

PROPOSED STORM SEWER MANHOLE

## PROPOSED CATCHBASIN

PROPOSED WATTS AREA DRAIN OR EQUIVALENT TO BE CONNECTED TO STORMWATER CISTERN VIA INTERNAL STORM SEWER PLUMBING. REFER TO MECHANICAL DRAWINGS FOR DETAILS. PROPOSED DEPRESSED CURB LOCATION PROPOSED BARRIER CURB — — — — — OVERLAND SPILL LOCATION

TWSI LOCATION AS PER CITY STD

HEAVY DUTY ASPHALT.

LANDSCAPE AREAS

road cut as per city of ottawa standard detail r10

### Notes

- OFF SITE SANITARY, WATER AND STORM RELOCATIONS ARE SCHEMATIC AND WILL BE FINALIZED ONCE LOCATES AND TOPO PICK UP COMPLETED.
- BOOSTER PUMP FOR WATER SERVICING REQUIRED TO MAINTAIN DESIRED PRESSURED IN UPPER LEVELS.
- SUMP PUMP REQUIRED TO DISCHARGE INTERNAL SANITARY SEWER. (REFER TO MECHANICAL DRAWINGS FOR DETAILS)
- FLOOR DRAINS LOCATED INSIDE PARKING GARAGE TO BE CONNECTED TO
- BUILDING INTERNAL SANITARY SEWER. REFER TO ARCHITECTURAL DRAWINGS FOR TOP OF PARKING GARAGE AND
- PARKING LEVELS. USF TO BE CONFIRMED BY STRUCTURAL CONSULTANT
- INTERNAL PLUMBING AND SUMP PUMPS TO BE DESIGNED BY THE MECHANICAL CONSULTANT.
- STORMWATER MANAGEMENT TO BE PROVIDED THROUGH A 120m<sup>3</sup> CISTERN LOCATED IN THE UNDERGROUND PARKING GARAGE. PUMP TO BE PROVIDED BY MECHANICAL ENGINEER TO ACHIEVE CISTERN MAX
- RELEASE RATE OF 38.1 L/s

LOCAL ROADWAYS, ACCESS LANES AND HEAVY DUTY USE 40mm SUPERPAVE 12.5 ASPHALTIC CONCRETE

50mm SUPERPAVE 19.0 BINDER COURSE 150 OPSS GRANULAR 'A' BASE

400 OPSS GRANULAR 'B' TYPE II

CAR PARKING AREAS 50mm WEAR COURSE- HL 3 OR SP 12.5 ASPHALTIC CONCRETE 150mm OPSS GRANULAR 'A' BASE 300mm OPSS GRANULAR 'B' TYPE II

REVISED AS PER CITY COMMENTS / SITE PLAN MJS DCT 24.09.18 REVISED AS PER CITY COMMENTS / SITE PLAN WAJ DCT 24.07.05 MJS MF 23.03.15 REVISED AS PER CITY COMMENTS / SITE PLAN MJS AMP 21.02.17 ISSUED TO CITY FOR SPA By Appd. YY.MM.DD Revision \_\_\_\_\_ MJS MF MJS 21.01.07 Dwn. Chkd. Dsgn. YY.MM.DD File Name: 160401596-DB

Permit-Seal

Client/Project

Title

BRIGIL HOMES

# 2829 DUMAURIER AVENUE 40 STOREY APARTMENT BUILDING OTTAWA, ON, CANADA

GRADING PLAN

Project No. Scale ₀ 1:300 160401596 Drawing No. Sheet Revision GP-1 3 4 of 8 PLAN # 18503