

C:\Temp\AcPublish_7024114013-GP.dwg, 14013-GP, Sep 18, 2018, 11:14am, mmakoeugh

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.



| No. | REVISION | DATE | BY |
|-----|--|------------|-----|
| 7. | REVISED AS PER SITE PLAN & CITY OF OTTAWA COMMENTS | SEPT 7/18 | DOB |
| 6. | ISSUED FOR TEAM REVIEW | AUG 29/18 | DOB |
| 5. | REVISED AS PER SITE PLAN & CITY OF OTTAWA COMMENTS | MAY 8/18 | DOB |
| 4. | REVISED SITE PLAN LAYOUT - CIRCULATED FOR REVIEW | APR 4/18 | DOB |
| 3. | REVISED SITE PLAN LAYOUT - CIRCULATED FOR REVIEW | MAR 13/18 | JAG |
| 2. | REVISED AS PER SITE PLAN & CITY OF OTTAWA COMMENTS | MAY 29/15 | JAG |
| 1. | ISSUED FOR SITE PLAN APPLICATION | SEPT 17/14 | JAG |

| SCALE | DESIGN |
|-------|----------|
| 1:400 | JAG/SAZ |
| | CHECKED |
| | DDB |
| | DRAWN |
| | RBG |
| | CHECKED |
| | JAG |
| | APPROVED |
| | DDB |

| FOR REVIEW ONLY |
|-----------------|
| JAG/SAZ |
| CHECKED |
| DDB |
| DRAWN |
| RBG |
| CHECKED |
| JAG |
| APPROVED |
| DDB |



CITY OF OTTAWA
BLOCK 14 (BRIDLEWOOD TRAILS PHASE 2)
25 OVERBERG WAY

DRAWING NAME

GENERAL PLAN OF SERVICES

PROJECT No.

114013

REV

REV # 7

DRAWING No.

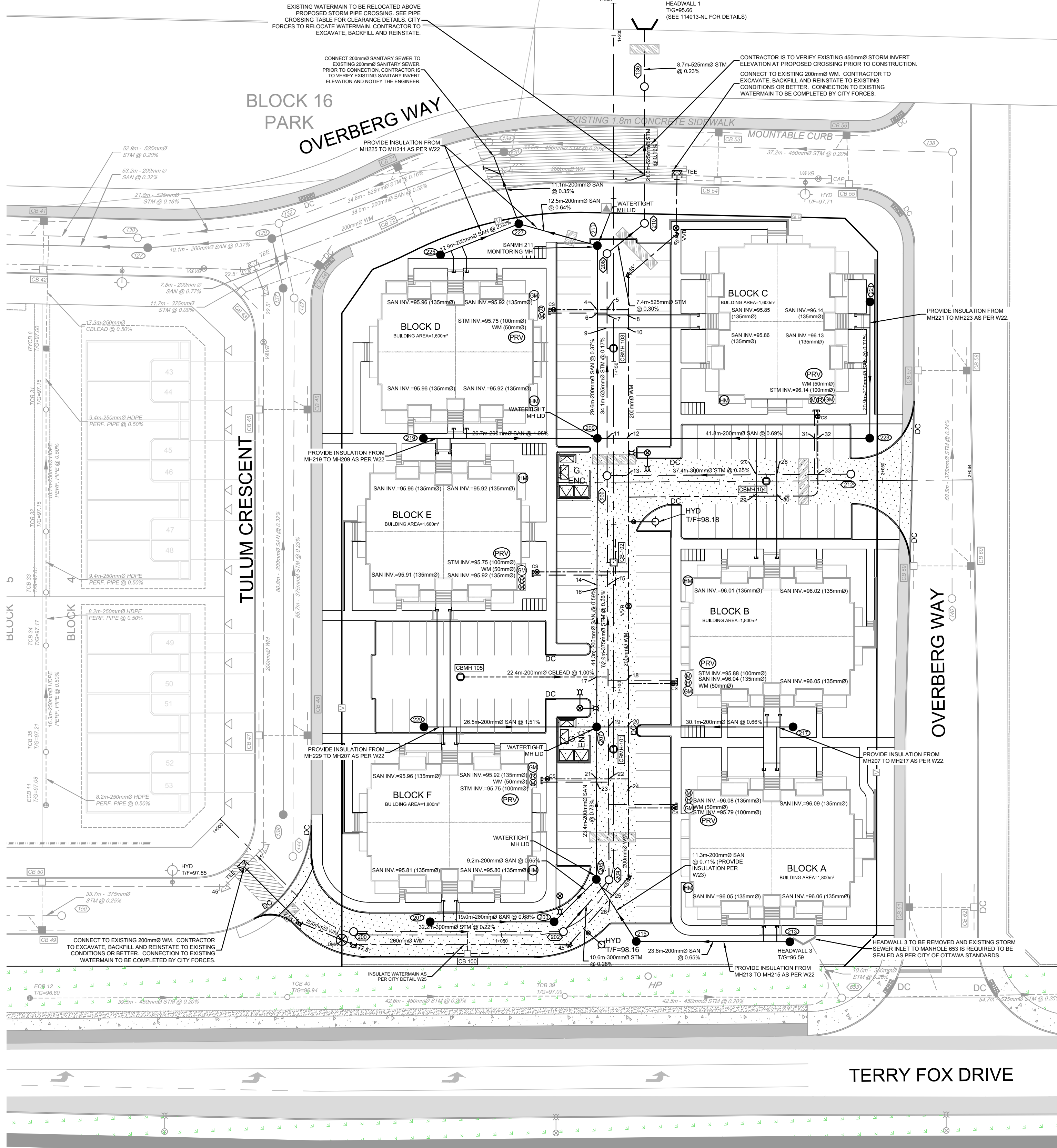
114013-GP

#17669

| PIPE CROSSING TABLE | | | |
|---------------------|--|----------------------------|---|
| CROSSING # | WATERMAIN | SANITARY | STORM |
| *1 | INV = 95.14 OBV = 95.34 | INV = 94.69 OBV = 94.89 | |
| 2 | | | INV = 95.37 INV = 94.64 OBV = 95.17 |
| *3 | INV = 95.15 OBV = 95.35 INV = 95.43 OBV = 95.63 | | INV = 94.65 INV = 95.18 |
| *4 | INV = 95.31 OBV = 95.36 INV = 95.54 OBV = 95.59 | INV = 94.86 OBV = 95.06 | INV = 94.76 OBV = 95.29 |
| 6 | | INV = 94.86 OBV = 95.06 | INV = 95.68 OBV = 95.78 |
| 7 | | INV = 95.72 OBV = 95.86 | INV = 94.76 OBV = 95.29 |
| 8 | INV = 94.90 OBV = 95.10 | INV = 95.75 OBV = 95.89 | |
| 9 | | INV = 95.73 OBV = 95.87 | INV = 94.76 OBV = 95.29 |
| 10 | INV = 94.90 OBV = 95.10 | INV = 95.76 OBV = 95.90 | |
| 11 | INV = 95.52 OBV = 95.72 | INV = 94.79 OBV = 95.32 | |
| 12 | INV = 94.84 OBV = 95.04 | INV = 95.54 OBV = 95.74 | INV = 95.05 OBV = 95.35 |
| 13 | INV = 94.35 OBV = 94.55 | INV = 95.08 OBV = 95.28 | |
| *14 | INV = 95.51 OBV = 95.56 | | |
| *15 | INV = 95.63 OBV = 95.68 | | INV = 95.00 OBV = 95.38 |
| 16 | INV = 95.06 OBV = 95.26 | INV = 95.65 OBV = 95.75 | INV = 95.65 OBV = 95.75 |
| 17 | INV = 95.15 OBV = 95.35 | INV = 96.04 OBV = 96.24 | |
| 18 | INV = 95.10 OBV = 95.30 | INV = 95.80 OBV = 95.90 | |
| 19 | | INV = 95.73 OBV = 95.93 | INV = 95.05 OBV = 95.43 |
| 20 | INV = 95.05 OBV = 95.25 | INV = 95.75 OBV = 95.95 | |
| *21 | INV = 95.70 OBV = 95.75 | INV = 95.25 OBV = 95.45 | |
| *22 | INV = 95.70 OBV = 95.75 | | INV = 95.07 OBV = 95.45 |
| 23 | INV = 95.25 OBV = 95.45 | INV = 95.71 OBV = 95.81 | |
| 24 | INV = 95.01 OBV = 95.21 | INV = 95.71 OBV = 95.81 | |
| 25 | INV = 95.64 OBV = 95.89 | INV = 95.19 OBV = 95.49 | |
| *26 | INV = 94.95 OBV = 95.15 | INV = 95.65 OBV = 95.85 | |
| 27 | INV = 95.94 OBV = 96.08 | INV = 95.11 OBV = 95.41 | |
| 28 | INV = 95.95 OBV = 96.09 | INV = 95.12 OBV = 95.42 | |
| 29 | INV = 95.42 OBV = 95.47 | INV = 95.97 OBV = 96.11 | |
| 30 | INV = 95.43 OBV = 95.48 | INV = 95.98 OBV = 96.12 | |
| 31 | INV = 95.74 OBV = 95.94 | INV = 96.19 OBV = 96.29 | |
| 32 | INV = 95.19 OBV = 95.24 | INV = 95.94 OBV = 95.94 | |
| *33 | INV = 95.69 OBV = 95.74 | | INV = 95.14 OBV = 95.44 |

ELEVATIONS NOTED IN ITALICS ARE EXISTING PIPE
ELEVATIONS WHILE ALL OTHER ELEVATIONS
ARE PROPOSED

* WATERMAIN CROSSING AS PER W25 & W25.2
PROVIDE THERMAL INSULATION AS PER W22
WHERE THERE IS LESS THAN 2.4m COVER



LEGEND

200mmØ WM
PROPOSED WATERMAIN AND DIAMETER

PROPOSED VALVE LOCATION

VALVE & VALVE BOX

PROPOSED CURB STOP LOCATION

PROPOSED WATER CHAMBER
(AS PER CITY OF OTTAWA DETAIL W3)

PROPOSED HYDRANT C/W VALVE & LEAD

PROPOSED TOP OF BOTTOM FLANGE

PROPOSED PRESSURE
REDUCING VALVE

PROPOSED BEND AND THRUSTBLOCK
11.25°, 22.5°, 45° or TEE
(SEE PLAN AND PROFILES)

PROPOSED SANITARY MH & SEWER

PROPOSED STORM MH & SEWER

PROPOSED INVERT OF SANITARY SERVICE

PROPOSED INVERT OF STORM SERVICE

PROPOSED HEADWALL C/W RAILING

PROPOSED ROAD CATCHBASIN WITH
3.0m SUBDRAIN IN TWO DIRECTIONS
(PARALLEL WITH CURB FACE)

PROPOSED CATCHBASIN MANHOLE

DIRECTION OF FLOW

PROPOSED DEPRESSED CURB

PROPOSED RETAINING WALL

CLAY DYKE AS PER CITY OF
OTTAWA DETAIL S8.

ROAD CUT AS PER CITY OF
OTTAWA DETAIL R10.

PROPOSED WATER METER LOCATION

PROPOSED REMOTE WATER METER LOCATION

PROPOSED GAS METER LOCATION

PROPOSED HYDRO METER LOCATION

200mmØ WM
EXISTING WATERMAIN

HYD
EXISTING HYDRANT C/W VALVE & LEAD

T/F=97.71
EXISTING TOP OF FLANGE

MH 101
EXISTING SANITARY MH & SEWER

MH 102
EXISTING STORM MH & SEWER

CB 59
EXISTING ROADSIDE CATCH BASIN WITH
3.0m SUBDRAIN IN TWO DIRECTIONS
(PARALLEL WITH CURB FACE)

CB 80
EXISTING ROADSIDE CATCH BASIN
WITH INLET CONTROL DEVICE

V
EXISTING ROGERS VAULT ON
1m X 2m EASEMENT

VV
EXISTING ROGERS VAULTS ON
1m X 4m EASEMENT

▲
EXISTING PADMOUNT HYDRO
TRANSFORMER

⬢
EXISTING BELL PEDESTAL

⊠
EXISTING CABLE TELEVISION PEDESTAL

HEAVY DUTY ASPHALT

NOTE
MECHANICAL DESIGN TO ACCOMMODATE DRAINAGE CAPTURED IN LOWER ENTRANCE DRAINS.

| CATCHBASIN TABLE | | | | | | |
|------------------|-------------------|----------|-----------|---------------|--------|-------------|
| CB No. | STREET | STATION | SIZE | T/G ELEVATION | INVERT | ICD DIA. |
| CB 100 | TULUM ENTRANCE | 1+044.74 | 600x600mm | 97.85 | 96.47 | 94mm (PLUG) |
| CB 102 | TULUM ENTRANCE | 1+119.16 | 600x600mm | 97.85 | 96.61 | 83mm (PLUG) |
| CBMH 101 | TULUM ENTRANCE | 1+090.51 | 1500mmØ | 97.80 | 95.45 | 74mm (PLUG) |
| CBMH 103 | TULUM ENTRANCE | 1+152.03 | 1500mmØ | 97.74 | 95.30 | 78mm (PLUG) |
| CBMH 104 | OVERBERG ENTRANCE | 2+032.12 | 1500mmØ | 97.59 | 95.80 | 73mm (PLUG) |
| CBMH 105 | TULUM ENTRANCE | 1+101.60 | 1500mmØ | 97.73 | 96.00 | 78mm (PLUG) |

| SAN MANHOLE TABLE | | | |
|-------------------|-----------------|----------|----------------------------------|
| MANHOLE ID | MANHOLE SIZE | T/G ELEV | INVERT |
| 213 | 1200.00Ø | 98.10 | NW=95.92 |
| 215 | 1200.00Ø | 98.10 | SE=95.77 N=95.71 |
| 217 | 1200.00Ø | 98.17 | NW=95.92 |
| 219 | 1200.00Ø | 98.25 | SE=95.79 |
| 221 | 1200.00Ø | 98.06 | SW=96.01 |
| 223 | 1200.00Ø | 97.91 | NW=95.80 NE=95.86 |
| 225 | 1200.00Ø | 97.82 | SE=95.80 |
| 227 | 1200.00Ø | 97.86 | NW=95.84 SE=94.73 NE=94.76 |
| 229 | 1200.00Ø | 97.98 | SE=95.65 |

APPROVED ☐ REFUSED ☐

THIS ____ DAY OF ____, 20__

DERRICK MOODIE
MANAGER, DEVELOPMENT REVIEW - WEST
PLANNING, INFRASTRUCTURE & ECONOMIC
DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

REFER TO 114013-NL AND 106121-GP2 FOR
ADDITIONAL NOTES AND DETAILS

D07-12-14-0154