

SAN STRUCTURE TABLE				
NAME	RIM ELEV.	INVERT IN	INVERT OUT	DESCRIPTION
MH1A	68.13	\$65.158	W65.110	STRUC: OPSD 701.0 FRAME: CITY S25 COVER: CITY S24
MH2A	67.93	E64.698	N64.660	STRUC: OPSD 701.0 FRAME: CITY S25 COVER: CITY S24
МНЗА	66.85	S63.722	N63.690	STRUC: OPSD 701.0 FRAME: CITY S25 COVER: CITY S24
MH4A	67.45		N64.239	STRUC: OPSD 701.0 FRAME: CITY S25 COVER: CITY S24
МН5А	66.84	E63.583 S63.610	W63.583	STRUC: OPSD 701.0 FRAME: CITY S25 COVER: CITY S24

DEQUATELY REINSTATING THE AREA TO
RE-CONSTRUCTION CONDITIONS OR BETTER, AND BEAR
HE COST OF THE SAME. NO ADDITIONAL PAYMENT WILL BE
1ADE FOR REINSTATEMENT WORK NOT SHOWN ON THE
ONTRACT DRAWING AS A DIRECT RESULT FROM
ONSTRUCTION

- 10. ALL DISTURBED AREAS TO BE RESTORED TO ORIGINAL CONDITION OR BETTER UNLESS OTHERWISE SPECIFIED.
- CONSTRUCTION PERIOD. INCLUDING THE SUPPLY. INSTALLATION, AND REMOVAL OF ALL NECESSARY SIGNAGE, DELINEATORS, MARKERS AND BARRIERS.
- APPROVAL OF THE ENGINEER/CITY.
- DRAINAGE AWAY FROM THE BUILDING. 14. CONTACT THE ENGINEER FOR INSPECTION OF ROUGH
- AREAS PRIOR TO PLACEMENT OF ASPHALT AND TOPSOIL ALL DEFICIENCIES NOTED SHALL BE RECTIFIED TO THE ASPHALT, TOPSOIL, SEED & MULCH AND/OR SOD.
- WHETHER OR NOT SHOWN ON THESE DRAWINGS. IF THERE CONSTRUCTION, IF THERE IS ANY DISCREPANCY THE
  - 16. ELECTRICAL, GAS, TELEPHONE AND TELEVISION SERVICE ELECTRICAL SERVICE - HYDRO OTTAWA, GAS SERVICE - ENBRIDGE, • TELEPHONE SERVICE - BELL CANADA.
  - TELEVISION SERVICE ROGERS.
- SPECIFICATIONS ARE FOLLOWED DURING CONSTRUCTION AND SHALL MAKE THEIR OWN JUDGEMENT AND ACCOUNT
  - 18. ALL PROPOSED CURB TO BE CONCRETE BARRIER CURB UNLESS OTHERWISE SPECIFIED.

## **SEWER NOTES:**

**GENERAL NOTES** 

1. THE ORIGINAL TOPOGRAPHY, GROUND ELEVATION AND

ACCURACY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL INFORMATION SHOWN.

2. THIS PLAN IS NOT A CADASTRAL SURVEY SHOWING LEGAL

BOUNDARIES SHOWN HEREON HAVE BEEN DERIVED

INFORMATION SUPPLIED BY (OR SHOWN ON) ANNIS,

PURPOSES ONLY, AND IMPLY NO GUARANTEE OF

SURVEY DATA SHOWN ARE SUPPLIED FOR INFORMATION

PROPERTY BOUNDARIES AND EASEMENTS. THE PROPERTY

O'SHILIVAN VOLLEBEKKLTD DRAWING 23868-23 AND

THE PRECISE LOCATION OF THE CURRENT PROPERTY

NECESSARY PERMITS AND APPROVALS FROM THE CITY

5 THE CONTRACTOR IS TO DETERMINE THE EXACT LOCATION

SIZE, MATERIAL AND ELEVATION OF ALL EXISTING UTILITIES

PRIOR TO COMMENCING CONSTRUCTION. PROTECT AND ASSUME ALL RESPONSIBILITY FOR EXISTING UTILITIES

IS ANY DISCREPANCY THE CONTRACTOR IS TO NOTIFY THE

6. RESTORE ALL TRENCHES AND SURFACES OF PUBLIC ROAD

ALLOWANCES TO CONDITION EQUAL OR BETTER THAN

7. EXCAVATE AND DISPOSE OF ALL EXCESS EXCAVATED

9. CONTRACTOR TO MINIMIZE THE ACTUAL LIMITS OF

FOR ALL MATERIAL AND LABOUR REQUIRED FOR

8. TOPSOIL TO BE STRIPPED AND STOCKPILED FOR

SITE AS DIRECTED BY THE ENGINEER AND THE CITY.

ORIGINAL CONDITION AND TO THE SATISFACTION OF THE

MATERIAL, SUCH AS ASPHALT, CURBING AND DEBRIS, OFF

REHABILITATION. CLEAN FILL TO BE PLACED IN FILL AREAS

AND COMPACTED TO 95% STANDARD PROCTOR DENSITY.

REMOVALS AND REINSTATEMENT WHEREVER POSSIBLE,

BY AN UP-TO-DATE LAND TITLES SEARCH AND A SUBSEQUENT CADASTRAL SURVEY PERFORMED AND

CERTIFIED BY AN ONTARIO LAND SURVEYOR.

3. THE CONTRACTOR IS TO OBTAIN AND PAY FOR ALL

4. THE CONTRACTOR IS RESPONSIBLE FOR ALL LAYOUT.

BEFORE COMMENCING CONSTRUCTION.

ENGINEER PROMPTLY.

CITY AUTHORITIES.

CANNOT BE RELIED UPON TO BE ACCURATE OR COMPLETE.

BOUNDARIES AND EASEMENTS CAN ONLY BE DETERMINED

- 1. CONSTRUCT ALL SEWERS. CATCH BASINS. MANHOLES AND APPURTENANCES IN ACCORDANCE WITH OPSD STANDARDS AND SPECIFICATIONS, AS WELL AS CITY.
- OPSD 802.010 AND 802.013 UNLESS NOTED OTHERWISE. 2.1. BEDDING SHALL BE A MINIMUM 150mm OF GRANULAR "A", COMPACTED TO MINIMUM 95% STANDARD PROCTOR DRY DENSITY. CLEAR STONE BEDDING SHALL NOT BE PERMITTED.

SEWER TRENCHING AND BEDDING SHALL CONFORM TO

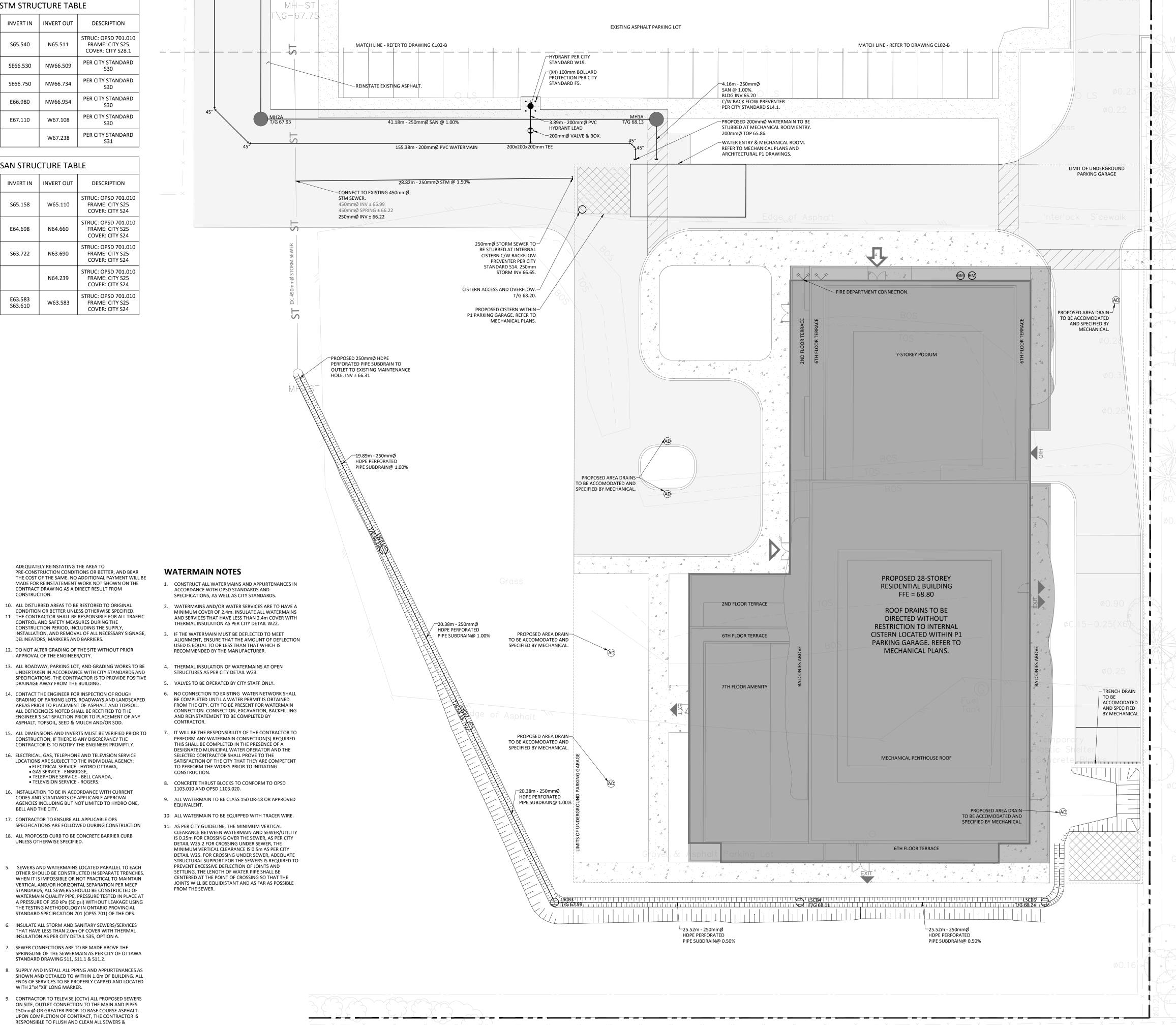
SUB-BEDDING, IF REQUIRED SHALL CONSIST OF

- 450mm OF COMPACTED GRANULAR "B" TYPE 1. 2.3. BACKFILL TO AT LEAST 300mm ABOVE TOP OF PIPE WITH GRANULAR "A" OR GRANULAR "B" TYPE 1. 2.4. TO MINIMIZE DIFFERENTIAL FROST HEAVING, TRENCH
- BACKFILL (FROM PAVEMENT SUBGRADE TO 2.0 METRES BELOW FINISHED GRADE) SHALL MATCH EXISTING SOIL CONDITIONS.
- 3. SANITARY SEWERS AND CONNECTIONS 150mmØ AND SMALLER TO BE PVC SDR-28.
- 4. SEWERS AND CONNECTIONS 200mmØ 375mmØ TO BE PVC SDR-35. SEWERS 450mmØ AND LARGER TO BE CONCRETE. BEDDING TO BE TYPE "B" EXCEPT AT RISERS, UNLESS NOTED OTHERWISE.

- 11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL AND SAFETY MEASURES DURING THE
- 12. DO NOT ALTER GRADING OF THE SITE WITHOUT PRIOR
- UNDERTAKEN IN ACCORDANCE WITH CITY STANDARDS AND SPECIFICATIONS. THE CONTRACTOR IS TO PROVIDE POSITIVE
- GRADING OF PARKING LOTS, ROADWAYS AND LANDSCAPED ENGINEER'S SATISFACTION PRIOR TO PLACEMENT OF ANY
- 15. ALL DIMENSIONS AND INVERTS MUST BE VERIFIED PRIOR TO CONTRACTOR IS TO NOTIFY THE ENGINEER PROMPTLY.
- LOCATIONS ARE SUBJECT TO THE INDIVIDUAL AGENCY:
- 16. INSTALLATION TO BE IN ACCORDANCE WITH CURRENT CODES AND STANDARDS OF APPLICABLE APPROVAL AGENCIES INCLUDING BUT NOT LIMITED TO HYDRO ONE
- BELL AND THE CITY. 17. CONTRACTOR TO ENSURE ALL APPLICABLE OPS
- 5. SEWERS AND WATERMAINS LOCATED PARALLEL TO EACH OTHER SHOULD BE CONSTRUCTED IN SEPARATE TRENCHES. WHEN IT IS IMPOSSIBLE OR NOT PRACTICAL TO MAINTAIN VERTICAL AND/OR HORIZONTAL SEPARATION PER MECP STANDARDS, ALL SEWERS SHOULD BE CONSTRUCTED OF WATERMAIN QUALITY PIPE, PRESSURE TESTED IN PLACE AT A PRESSURE OF 350 kPa (50 psi) WITHOUT LEAKAGE USING THE TESTING METHODOLOGY IN ONTARIO PROVINCIAL
- STANDARD SPECIFICATION 701 (OPSS 701) OF THE OPS. INSULATE ALL STORM AND SANITARY SEWERS/SERVICES THAT HAVE LESS THAN 2.0m OF COVER WITH THERMAL
- INSULATION AS PER CITY DETAIL \$35, OPTION A. 7. SEWER CONNECTIONS ARE TO BE MADE ABOVE THE SPRINGLINE OF THE SEWERMAIN AS PER CITY OF OTTAWA

STANDARD DRAWING S11, S11.1 & S11.2.

- 8. SUPPLY AND INSTALL ALL PIPING AND APPURTENANCES AS SHOWN AND DETAILED TO WITHIN 1.0m OF BUILDING, ALL ENDS OF SERVICES TO BE PROPERLY CAPPED AND LOCATED WITH 2"x4"X8' LONG MARKER.
- 9. CONTRACTOR TO TELEVISE (CCTV) ALL PROPOSED SEWERS ON SITE, OUTLET CONNECTION TO THE MAIN AND PIPES 150mm OR GREATER PRIOR TO BASE COLIRSE ASPHALT LIPON COMPLETION OF CONTRACT. THE CONTRACTOR IS RESPONSIBLE TO FLUSH AND CLEAN ALL SEWERS &
- 10. DYE TESTING IS TO BE COMPLETED ON SANITARY SERVICE TO CONFIRM PROPER CONNECTION TO SANITARY SEWER



COVENTRY ROAD SUBJECT SITE HIGHWAY 417 LOCATION PLAN LEGEND LIMIT OF CONSTRUCTION CONCRETE BARRIER CURB ----- · ----- DRAINAGE SWALE CONCRETE WALKWAY — · · · · · · · · · · DRAINAGE DITCH PROPOSED HEAVY DUTY ASPHALT PROPOSED ASPHALT SURFACE ELEVATION SWALE ELEVATION LSCB# LANDSCAPING CATCHBASIN ×T/W 95.50 B/W 94.25 TOP OF WALL ELEVATION BOTTOM OF WALL ELEVATIO CBMH# CATCHBASIN MANHOLE OVERLAND FLOW ROUTE CATCHBASIN SILT FENCE BARRIER SANITARY SEWER MANHOLE STRAW BALE CHECK DAM FIRE HYDRANT 50000 WATER VALVE MUD MAT WATER METER **GAS METER** REMOTE WATER METER HYDRO METER MECHANICAL AREA DRAIN RETAINING WALL 3 REISSUED FOR SITE PLAN CONTROL ISSUED FOR SITE PLAN CONTROL JAN. 26, 2024 DEC. 20, 202 ISSUED FOR COORDINATION Date Check and verify all dimensions Do not scale drawings before proceeding with the work 115 Walgreen Road, R.R.3 Carp, ON K0A 1L0 Tel: 613-836-2184 Fax: 613-836-3742 www.egis-group.com MORGUARD 55 CITY CENTRE DRIVE, SUITE 1000 MISSISSAUGA, ON L5B 1M3 RESIDENTIAL BUILDING 500 COVENTRY ROAD SITE SERVICING PLAN 1:200

HARDY AVENUE

CCO-23-2497