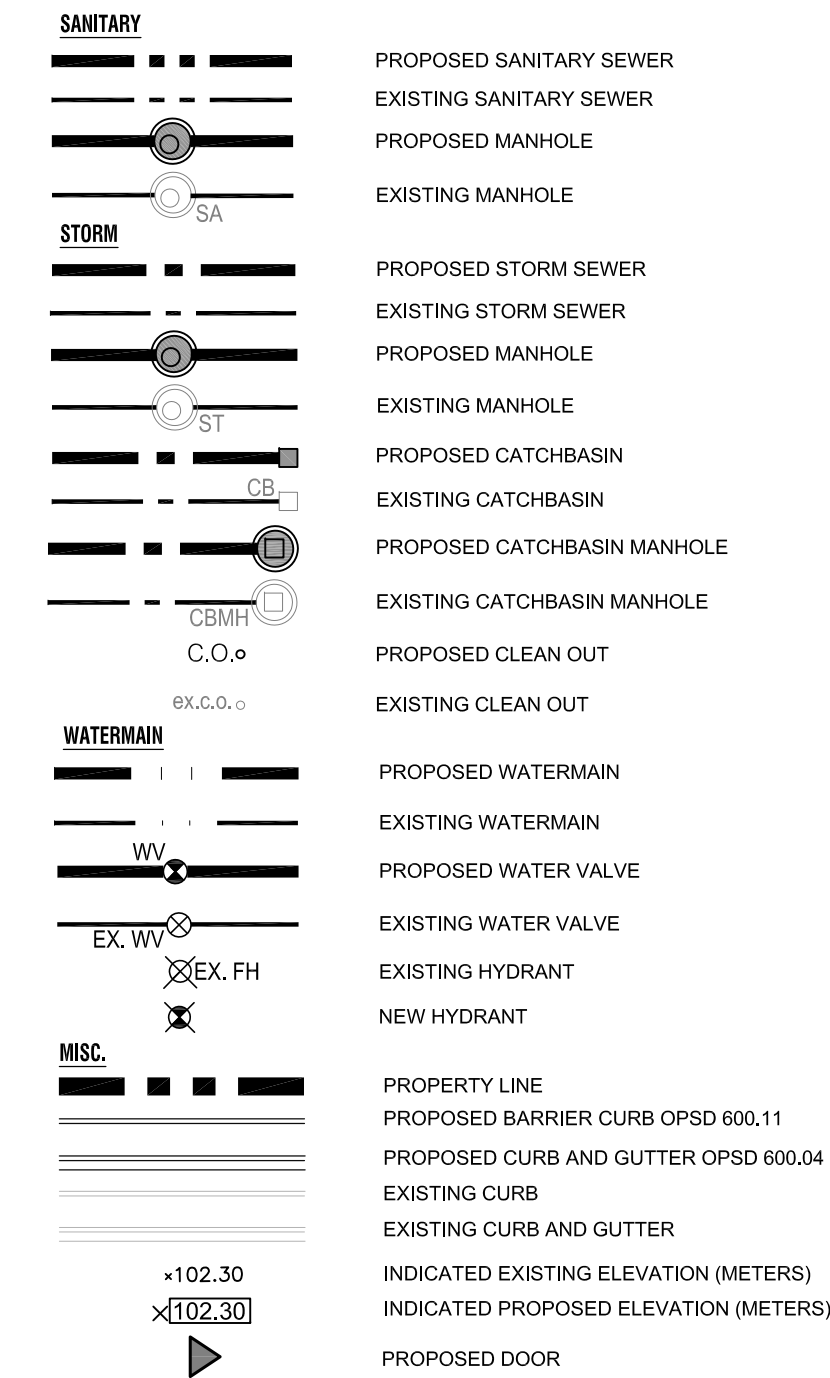


**SERVICING LEGEND:**



**SITE WORK GENERAL NOTES:**

- ALL WORK SHALL CONFORM TO THE LATEST CITY OF OAKVILLE & REGION OF HALTON STANDARDS, THE ONTARIO BUILDING CODE, OPS AND OPSD STANDARDS AS APPLICABLE.
- PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, ELEVATIONS AND FIELD CONDITIONS. IN THE EVENT THAT DIMENSIONS, ELEVATIONS OR FIELD CONDITIONS VARY FROM DESIGN DRAWINGS, THE ENGINEER SHALL BE NOTIFIED.
- PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL FIELD VERIFY HORIZONTAL AND VERTICAL LOCATIONS OF ALL EXISTING SEWERS AND UTILITIES TO BE CONNECTED TO PRIOR TO CONSTRUCTION STAKING. IF NEEDED, THE ENGINEER SHALL BE NOTIFIED AND THE PLANS SHALL BE ADJUSTED ACCORDINGLY.
- PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL REVIEW AND COORDINATE ALL PROPOSED GRADES, SEWER PIPE INVERTS, AND STORM AND SANITARY STRUCTURE RIM ELEVATIONS. IN THE EVENT OF ANY DISCREPANCIES THE ENGINEER SHALL BE NOTIFIED AND THE PLANS SHALL BE ADJUSTED ACCORDINGLY.
- THE CONTRACTOR AND HIS WORKERS SHALL UNDERTAKE ALL WORK ON THIS PROJECT IN COMPLIANCE WITH THE 'OCCUPATIONAL HEALTH AND SAFETY ACT' AND REGULATIONS FOR CONSTRUCTION PROJECTS', ONTARIO REGULATION 213/91 AS AMENDED.
- THE LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE ONLY. THE CONTRACTOR IS RESPONSIBLE FOR ACCURATELY LOCATING UTILITIES PRIOR TO CONSTRUCTION AND FOR ADEQUATELY PROTECTING EXISTING UTILITIES DURING CONSTRUCTION. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AT THE CONTRACTORS EXPENSE.
- EXCAVATE TO THE DEPTH OF THE FINAL SUB-GRADE ELEVATION TO ALLOW FOR GRADE CHANGES AND THE PLACEMENT OF THE RECOMMENDED PAVEMENT SYSTEM.
- TRENCH BACKFILL UNDER THE PAVEMENT AREAS AND WITHIN 0.30m OF PAVEMENT AREAS SHALL BE GRANULAR 'B' TYPE 1, MATERIAL COMPACTED TO 98% S.P.M.D.D. ALL GRANULAR 'A' BASE TO BE COMPACTED TO 100% S.P.M.D.D. ALL NATIVE MATERIAL COMPACTED TO 93% S.P.M.D.D.
- REMOVE ROOTS, SOFT SOIL AND REPLACE WITH GRANULAR 'B' TYPE 1, MATERIAL COMPACTED TO 98% S.P.M.D.D.
- RESTORE SOUL ELEVARD TO MATCH EXISTING OR BETTER.
- ALL EXISTING GRASS AREAS DISTURBED DURING CONSTRUCTION SHALL BE RESTORED WITH A MINIMUM OF 100mm OF CLEAN TOPSOIL, GRASS SEED AND HYDRO MULCH.
- ALL PVC STORM AND SANITARY SEWER PIPE SHALL HAVE RUBBER GASKET JOINTS AND CONFORM TO ASTM D-3034.
- STORM AND SANITARY SEWERS LOCATED PARALLEL TO WATERMANS SHALL BE CONSTRUCTED IN SEPARATE TRENCHES MAINTAINING A MINIMUM CLEAR HORIZONTAL SEPARATION OF 2.5m.
- PROVIDE A MINIMUM OF 0.5m VERTICAL SEPARATION BETWEEN STORM AND SANITARY SEWERS PASSING OVER WATERMANS. THE LENGTH OF THE WATER PIPE SHALL BE CENTERED AT THE POINT OF CROSSING SO THAT THE JOINTS WILL BE EQUIDISTANT AND AS FAR AS POSSIBLE FROM THE SEWER. PROVIDE ADEQUATE STRUCTURAL SUPPORT FOR THE SEWER TO PREVENT EXCESSIVE DEFLECTION OF JOINTS AND SETTLING.
- 800mmx200mm STANDARD PRECAST CATCH BASINS SHALL HAVE 800mm SUMP.
- SUB-DRAINS FOR CATCH BASINS SHALL BE 100mm DIA. BIG 'O' WRAPPED WITH FILTER SOCK X 2.5m LONG AT 1.0% EMBEDDED IN 20mm CLEAR STONE ON FOUR OPPOSING SIDES OF CATCH BASIN.
- ALL DIMENSIONS SHOWN ARE TO EDGE OF ASPHALT. ALL ELEVATIONS INDICATED ARE AT THE EDGE OF ASPHALT U.N.O.
- ALL MANHOLES SHOWN SHALL BE 1200mm DIAMETER U.N.O.
- ALL MANHOLES SHALL HAVE A MINIMUM OF TWO(2) CONCRETE RINGS TO ADJUST THE RIM ELEVATION TO THE FINAL GRADE. MANHOLE RIMS SHALL BE SET AT AN ELEVATION RELATIVE TO FINISHED PAVEMENT ELEVATION.
- STORM MANHOLES SHALL HAVE A 600mm DEEP SUMP.
- CATCHBASIN MANHOLES SHALL HAVE CATCHBASIN GRATES AND FRAME TYP.
- CATCH BASIN LEADS SHALL BE 100mm DIA. PVC SDR 25 AT 1.0% SLOPE MIN. U.N.O.
- THE LENGTH OF SEWER LINES IS THE DISTANCE BETWEEN FROM INSIDE FACE TO INSIDE FACE OF MANHOLES AND/OR CATCHBASINS. THE DISTANCES INDICATED ON THE PLANS AREA APPROXIMATE AND CAN VARY DUE TO ALIGNMENT.
- WATERMAIN PIPE SHALL BE PVC OR IR WITH FITTINGS CERTIFIED TO CSA B137.2. WATERMAIN SHALL BE INSTALLED WITH 1.7m MIN. CLEAR COVER.
- EXCAVATION FOR REMOVAL OF CBS, MH'S, AND OTHER EX. STRUCTURES IS TO BE BACKFILLED W/ GRANULAR 'B' TYPE 2 TO THE UNDERSIDE OF THE PROPOSED SUB-GRADE COMPACTED IN 200mm LIFTS AT 100% SPMDO FOR THE FULL DEPTH OF THE EXCAVATION.
- CONTRACTOR SHALL OBTAIN A RIGHT-OF-WAY PERMIT PRIOR TO COMMENCING ANY WORK WITHIN THE CITY RIGHT-OF-WAY.

**EROSION AND SEDIMENT CONTROL NOTES:**

- INSTALL S&T FENCE AND STRAW BALE CHECK DAMS AS REQUIRED TO CONTROL SEDIMENT DURING CONSTRUCTION.
- PROTECT ALL EXPOSED SURFACES AND CONTROL RUNOFF DURING CONSTRUCTION.
- ALL EROSION CONTROL MEASURES ARE TO BE IN PLACE BEFORE STARTING CONSTRUCTION AND REMAIN IN PLACE UNTIL RESTORATION IS COMPLETE.
- MAINTAIN EROSION CONTROL MEASURES DURING CONSTRUCTION.
- ALL COLLECTED SEDIMENT MUST BE DISPOSED OFF AT AN APPROVED LOCATION.
- MINIMIZE THE AREA DISTURBED DURING CONSTRUCTION.
- ALL DEWATERING MUST BE DISPOSED OF IN AN APPROVED SEDIMENTATION BASIN.
- PROTECT ALL CATCH BASINS, MAINTENANCE HOLES AND PIPE ENDS FROM SEDIMENT INTRUSION WITH GEOTEXTILE (TERRAFIX 270R OR EQUAL).
- KEEP ALL SUMPS CLEAN DURING CONSTRUCTION.
- PREVENT WIND-BLOWN DUST.
- STRAW BALES TO BE USED IN LOCALIZED AREAS AS SHOWN AND AS DIRECTED BY THE ENGINEER DURING CONSTRUCTION FOR WORKS WHICH ARE IN, OR ADJACENT TO FLOODLINES, FILL LINES AND HAZARDOUS SLOPES.
- OBTAIN APPROVAL FROM LOCAL CONSERVATION AUTHORITY PRIOR TO CONSTRUCTION FOR WORKS WHICH ARE IN, OR ADJACENT TO FLOODLINES, FILL LINES AND HAZARDOUS SLOPES.
- ALL SILT FENCING AND DETAILS ARE AT THE MINIMUM TO BE CONSTRUCTED IN ACCORDANCE WITH THE MINISTRY OF NATURAL RESOURCES GUIDELINES ON EROSION AND SEDIMENT CONTROL FOR URBAN CONSTRUCTION SITES.
- ALL OF THE ABOVE NOTES AND ANY SEDIMENT AND EROSION CONTROL MEASURES ARE AT THE MINIMUM TO BE IN ACCORDANCE WITH THE MINISTRY OF NATURAL RESOURCES GUIDELINES ON EROSION AND SEDIMENT CONTROL FOR URBAN CONSTRUCTION SITES.

**OPS FOR STORM & SANITARY STRUCTURES:**

- CATCH BASINS SHALL BE PRECAST CONCRETE AND SHALL CONFORM TO OPSD 705.01 U.N.O.
- CATCH BASIN FRAMES AND GRATES SHALL CONFORM TO OPSD 400.02.
- MANHOLES SHALL BE PRECAST CONCRETE AND SHALL CONFORM TO OPSD 701.01 & 701.03
- MANHOLE FRAMES AND COVERS SHALL CONFORM TO OPSD 401.01.

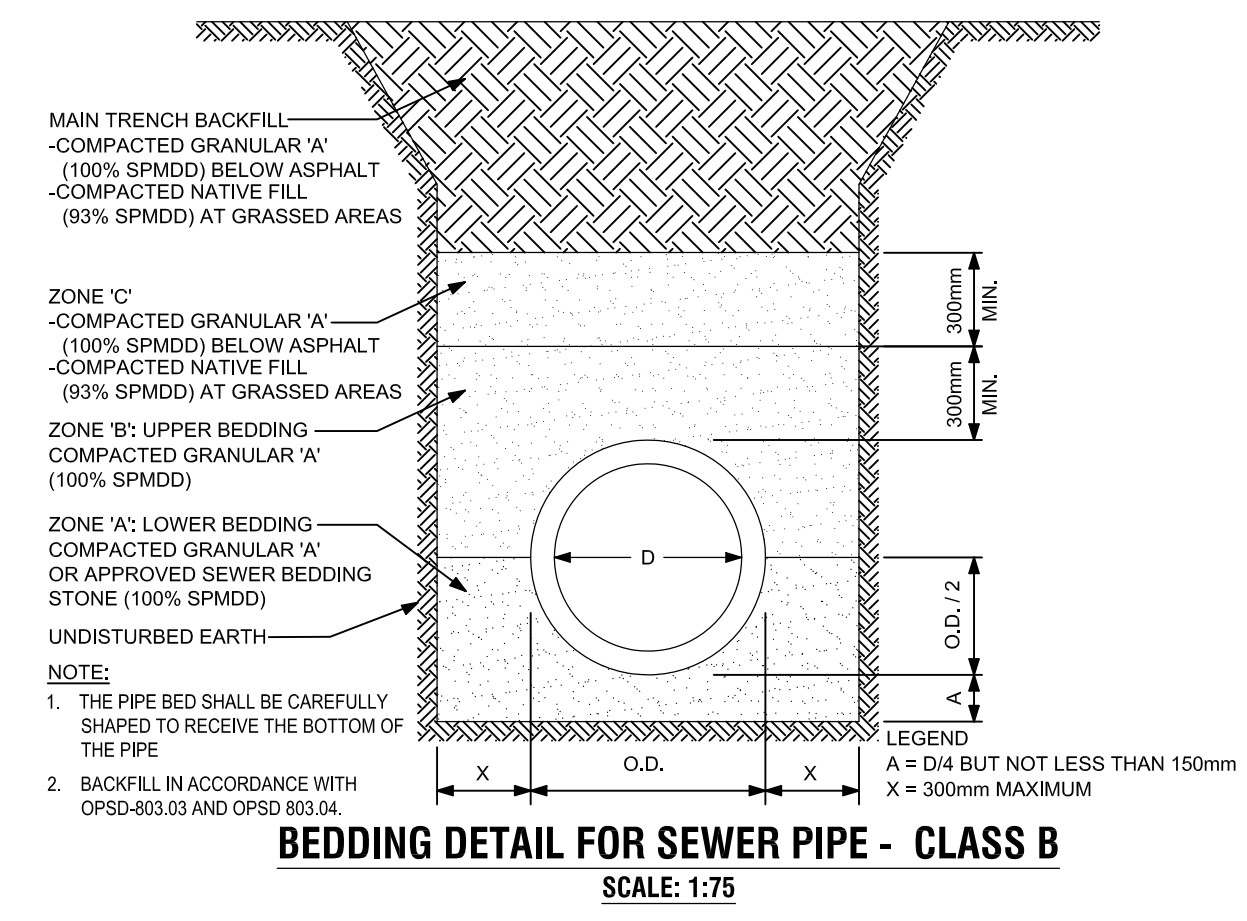
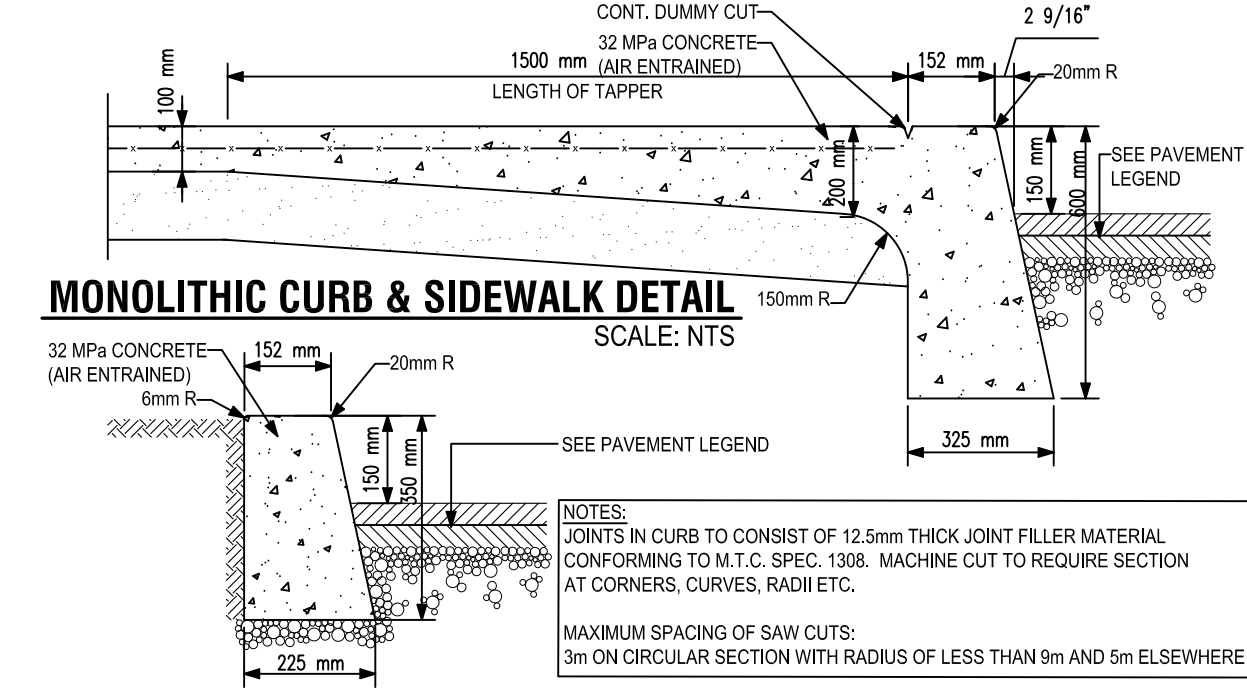
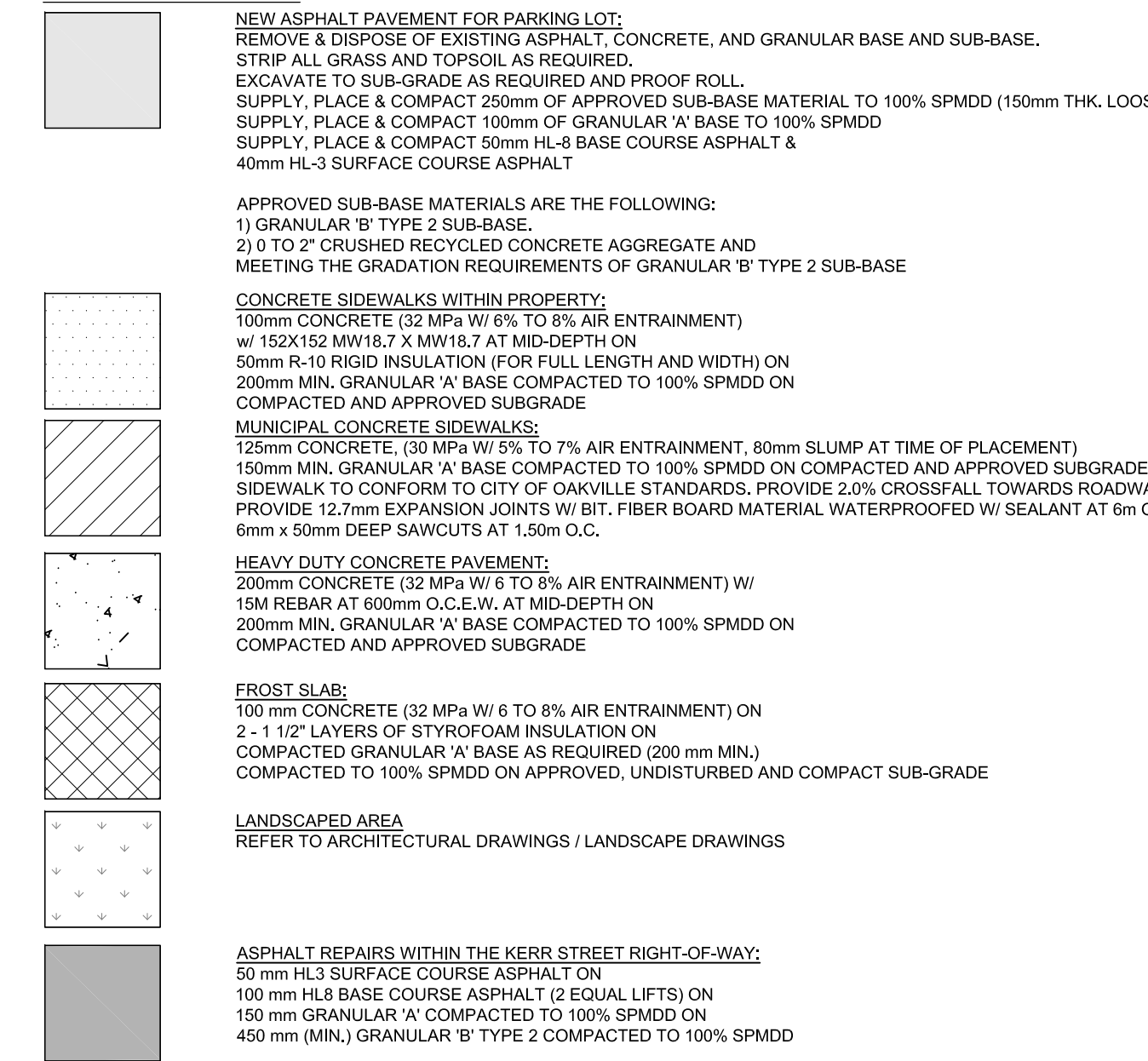
**CURB & SIDEWALK NOTES:**

- SIDEWALKS SHALL HAVE BAYS SPACING EQUAL TO ITS WIDTH AND EXPANSION JOINTS EVERY EIGHTH BAY.
- BAY JOINTS SHALL BE SAWCUT, THE DEPTH OF THE JOINT SHALL BE 1/3 AND THE WIDTH SHALL BE 25mm.
- EXPANSION JOINTS SHALL BE 50mm THICK FULL DEPTH FOAM JOINT FILLER.
- INSTALL 10mm THICK FOAM JOINT FILLER BETWEEN SIDEWALK AND CONCRETE CURBS/FOUNDATION WALLS.
- ALL SIDEWALK EDGES INCLUDING TOELED AND EXPANSION JOINTS SHALL BE FINISHED WITH A 25mm RADIUS.
- CONCRETE BARRIER CURBS SHALL BE OPSD 600.110 FOR THE PARKING LOT. CONCRETE CURBS WITH GUTTER SHALL BE OPSD 600.04.
- ALL SIDEWALKS ADJACENT TO PROPOSED BUILDINGS ARE TO HAVE CONCRETE CURB MONOLITHIC W/ SIDEWALK.
- CONCRETE FOR CURBS SHALL HAVE A MIN. COMPRESSIVE STRENGTH OF 32 MPa AT 28 DAYS AND CURVED 6 TO 8% AIR ENTRAINMENT. CONSTRUCTION JOINTS SHALL BE SAWCUTS AT 5m FOR STRAIGHT SECTIONS AND AT 3m FOR CONTAIN SECTIONS WITH A RADIUS LESS THAN 9m.

**ROAD RESTORATION NOTES:**

- EXISTING ASPHALT TO BE MILLED WITH A LAP JOINT OF 1.0 m WIDE BY 50 mm DEEP AS REQUIRED.
- ROAD CUT SHALL BE SQUARE AND 3m x 2m MINIMUM.
- USE TRENCH BOX TO LIMIT SIZE OF ROAD CUT.
- ASPHALT REPAIRS WITHIN THE MUNICIPAL RIGHT-OF-WAY TO BE IN ACCORD. W/ CITY OF OAKVILLE STANDARDS.
- RESTORE ANY AFFECTED AREAS WITHIN THE RIGHT-OF-WAY TO MATCH EXISTING AND TO THE SATISFACTION OF THE CITY OF OAKVILLE.

**PAVEMENT LEGEND:**



07/18/19 ZBA

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  - ATTENTION IS DIRECTED TO PROVISIONS IN THE GENERAL CONDITIONS REGARDING CONTRACTOR'S RESPONSIBILITIES IN REGARD TO SUBMISSION OF SHOP DRAWINGS.
  - IN THE EVENT THE ENGINEER IS RETAINED TO REVIEW SHOP DRAWINGS, SUCH REVIEW IS ONLY TO CHECK FOR CONFORMANCE WITH DESIGN CONCEPT AND WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS.
  - CONTRACTORS SHALL PROMPTLY NOTIFY THE ENGINEER IN WRITING OF THE EXISTENCE OF ANY OBSERVED VARIATIONS BETWEEN THE CONTRACT DOCUMENTS AND ANY APPLICABLE CODES OR BY-LAWS.
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804 ERIE STREET EAST, WINDSOR, ONTARIO, CANADA N9A 3Y4  
TELEPHONE (519) 254-7926 FACSIMILE (519) 254-0895

project:  
PROPOSED MIXED-USE DEVELOPMENT  
550 KERR STREET  
OAKVILLE, ONTARIO

client:  
ROCK DEVELOPMENTS

title:  
GENERAL NOTES, LEGENDS, & DETAILS

scale: AS SHOWN

drawn by: JPA

checked by: PAA / JPA

date: JUNE 2019

project No.: 7070

sheet no.:

C1.0



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SITE SERVICING PLAN

scale:  
AS SHOWN

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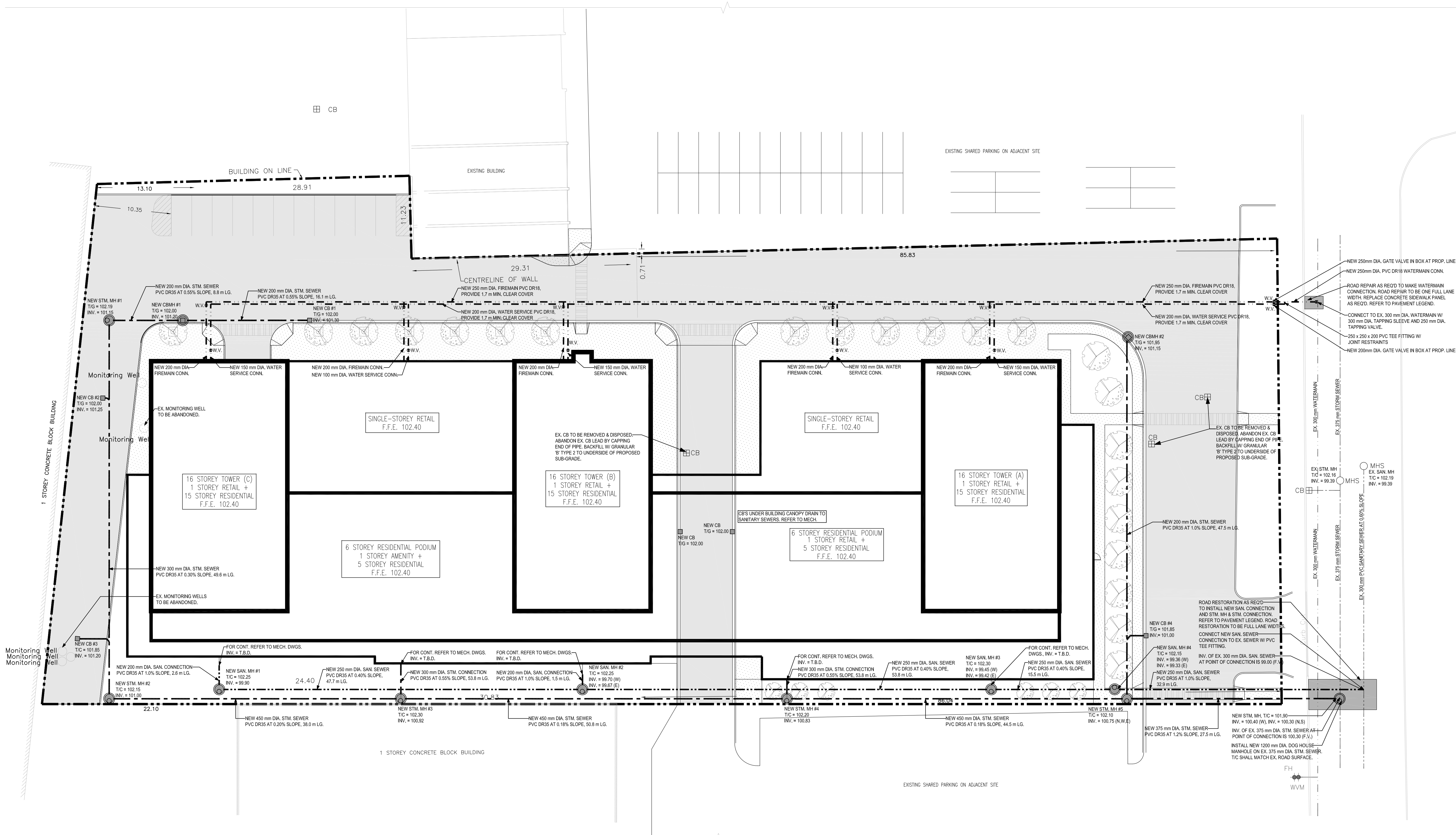
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JUNE 2019

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**SITE SERVICING PLAN**  
SCALE: 1:250



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GRADING & PAVEMENT PLAN

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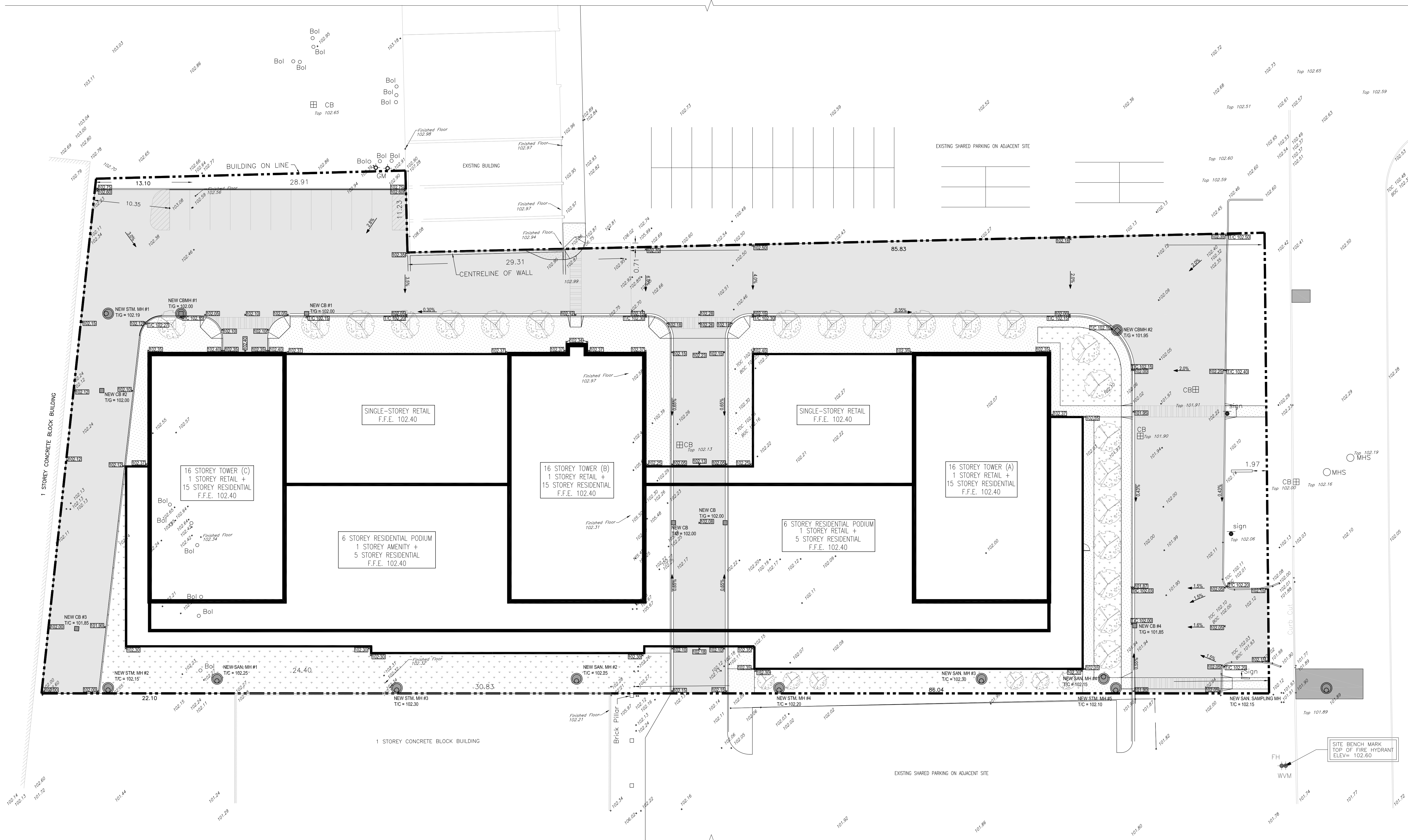
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**GRADING & PAVEMENT PLAN**  
SCALE: 1:250