

300mm DIA. FIRE PROTECTION MAIN & APPURTENANCES ARE SHOWN ONLY FOR REFERENCE ONLY. LAYOUT PROVIDED FOR CIVIL CONTRACTOR LAYOUT PURPOSES. FOR FINAL DESIGN AND LOCATION REFER TO FIRE PROTECTION DRAWINGS PREPARED BY FIRE CONSULTANT FOR ADDITIONAL DETAILS AND SPECIFICATIONS

CONTRACTOR TO MAINTAIN A MINIMUM HORIZONTAL SEPARATION OF 2.5m BETWEEN WATER MAINS AND ALL STORM AND SANITARY SEWERS (TYP.). A MINIMUM VERTICAL SEPARATION BETWEEN WATER MAINS AND ALL STORM AND SANITARY SEWERS IS 0.50m (WATER IS BELOW) OR 0.3m (WATER IS ABOVE) (TYP.)

CONTRACTOR TO PROVIDE AS-BUILT DRAWINGS UPON COMPLETION OF ALL WORKS TO THE ODAN/DETECH GROUP

ALL SERVICES TO BUILDING SHALL BE REVIEWED & COORDINATED WITH MECHANICAL/STRUCTURAL CONSULTANTS AT BUILDING PERMIT STAGE AND WHERE REQUIRED ADJUSTMENTS SHALL BE MADE

CONTRACTOR TO VERIFY ALL INVERTS, SIZE, MATERIAL, AND LOCATION OF ALL SERVICES PRIOR TO CONSTRUCTION AND REPORT ANY DISCREPANCIES TO THE ODAN/DETECH GROUP

SLEEVE DETAIL FOR SERVICES ENTERING BUILDING AND EXACT ENTRY LOCATIONS TO BE PROVIDED BY OTHERS. LOCATION OF RISERS TO BE COORDINATED AT TIME OF CONSTRUCTION BETWEEN MECHANICAL AND THE CONTRACTOR

ALL PROPOSED WATER PIPING MUST BE ISOLATED THROUGH A TEMPORARY CONNECTION THAT SHALL INCLUDE APPROPRIATE CROSS-CONNECTION CONTROL DEVICE(S) CONSISTENT WITH THE DEGREE OF HAZARD FOR BACKFLOW PREVENTION OF THE ACTIVE DISTRIBUTION SYSTEM CONFORMING TO REGION OF PEEL STANDARDS 1-7-7 OR 1-7-8

CONTRACTOR TO VERIFY ALL INVERTS, SIZE, MATERIAL, AND LOCATION OF ALL SERVICES PRIOR TO CONSTRUCTION AND REPORT ANY DISCREPANCIES TO THE ODAN/DETECH GROUP

CONTRACTOR TO MAINTAIN A MINIMUM HORIZONTAL SEPARATION OF 2.5m & MINIMUM VERTICAL SEPARATION OF 0.50m BETWEEN WATER MAINS AND ALL STORM AND SANITARY SEWERS (TYP.)

ALL SERVICES TO BUILDING SHALL BE REVIEWED & COORDINATED WITH MECHANICAL/STRUCTURAL CONSULTANTS AT BUILDING PERMIT STAGE AND WHERE REQUIRED ADJUSTMENTS SHALL BE MADE

CONTRACTOR TO PROVIDE AS-BUILT DRAWINGS UPON COMPLETION OF ALL WORKS TO THE ODAN/DETECH GROUP

KEY PLAN

Scale: N.T.S.

SUBJECT LANDS

TOWN OF CALEDON
PLANNING
RECEIVED

April 13, 2023

NOTES:

THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, SEWERS AND UNDERGROUND AND ABOVE GROUND UTILITIES 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 THE WORK THE CONTRACTOR SHALL CONFIRM THE EXACT LOCATION OF ALL UTILITIES AND STRUCTURES, AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

THE CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS ON THE JOB AND REPORT ANY DISCREPANCY TO THE ARCHITECTS/ENGINEERS BEFORE PROCEEDING WITH THE WORKS.

ALL DRAWINGS AND SPECIFICATIONS ARE INSTRUMENTS OF SERVICE AND THE PROPERTY OF THE ENGINEER WHICH MUST BE RETURNED AT THE COMPLETION OF WORK.

THIS DRAWING IS NOT TO BE SCALED. CONTRACTOR TO USE DIGITAL FILES FOR LAYOUT PROVIDED BY ENGINEER. THIS PLAN MUST NOT BE USED TO SITE THE PROPOSED BUILDINGS.

THE APPROVAL OF THIS PLAN DOES NOT EXEMPT THE OWNER'S CONTRACTOR FROM OBTAINING, BUT NOT LIMITED TO THE FOLLOWING PERMITS: ROAD CUT, SEWER PERMITS, RELOCATION OF SERVICES, ENCROACHMENT AGREEMENTS, APPROACH APPROVAL PERMITS, ETC..

EXISTING TOPOGRAPHICAL INFORMATION SUPPLIED BY YOUNG & YOUNG SURVEYING INC..

BENCH MARK:

- ELEVATIONS HEREON ARE GEODETIC IN ORIGIN AND WERE DERIVED FROM GPS OBSERVATIONS USING THE "TOPNET" GPS NETWORK AND ARE REFERRED TO THE CGVD-1928: 1978 DATUM.
- ELEVATIONS HEREON ARE GEODETIC IN ORIGIN AND WERE DERIVED FROM CITY OF BRAMPTON MONUMENT NO. 042203065 (NAD83 ADJUSTMENT) HAVING A PUBLISHED ELEVATION OF 242.135 m.

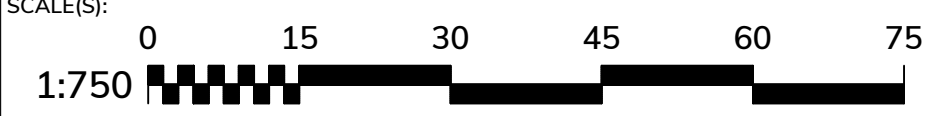
LOCATED 72.80m SOUTH OF CENTRELINE OF MAYFIELD ROAD AND 19.81m EAST OF CENTRELINE OF TORBRAM ROAD.

SITE BENCHMARK:
A CUT CROSS HAVING ELEVATION 242.51 m WAS SET ON THE NORTH-EAST CORNER OF THE INTERSECTION BETWEEN MAYFIELD ROAD AND TORBRAM ROAD.

BEARING NOTE:
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METRIC NOTE:
DISTANCES AND ELEVATIONS ON THIS PLAN ARE TYPICALLY SHOWN IN METRES AND CAN BE CONVERTED TO FEET BY DIVIDING BY 0.3048.

NO.	REVISIONS	DATE	BY
1.	ISSUED FOR SPA	JULY 15/22	M.E.H.
2.	ISSUED FOR REVIEW & COORDINATION	JUNE 22/22	M.E.H.



DRAWING TITLE:
SITE SERVICING PLAN
(NORTH WEST)

PROJECT:
PROPOSED INDUSTRIAL DEVELOPMENT

CLIENT:
TULLAMORE LANDS
CALEDON, ONTARIO

TULLAMORE LANDS

ODAN-DETECH
CONSULTING ENGINEERS

DESIGNED BY: M.H.H.	PROJECT NO: 21264
DRAWN BY: Z.Z.	DATE: SEP 2021
CHECKED BY: J.K.	DRAWING NO.: 1 OF 13
APPROVED BY: J.K.	
ENGINEER	

SERVICING LEGEND:

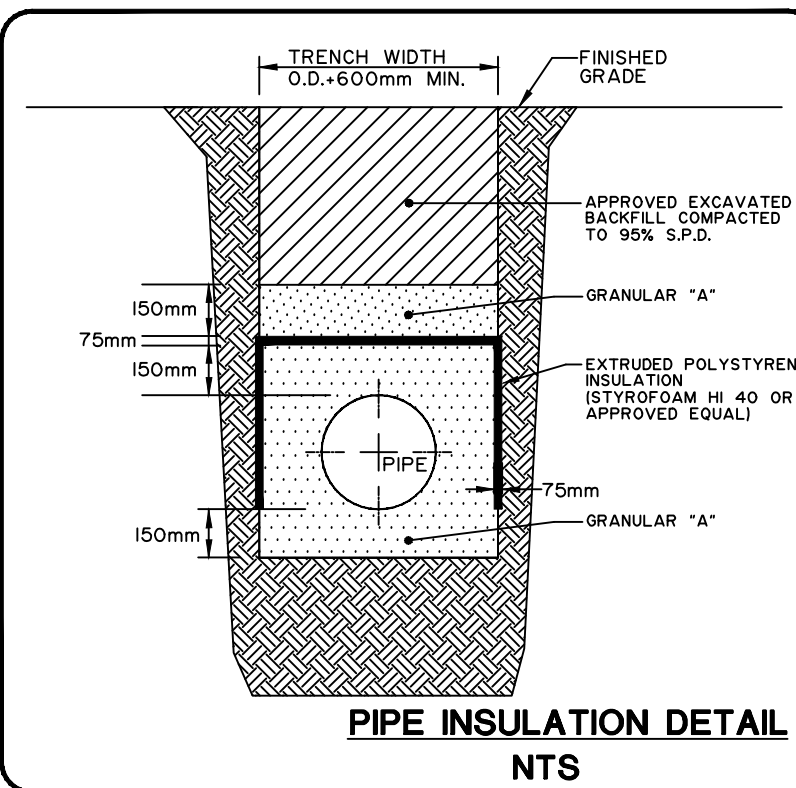
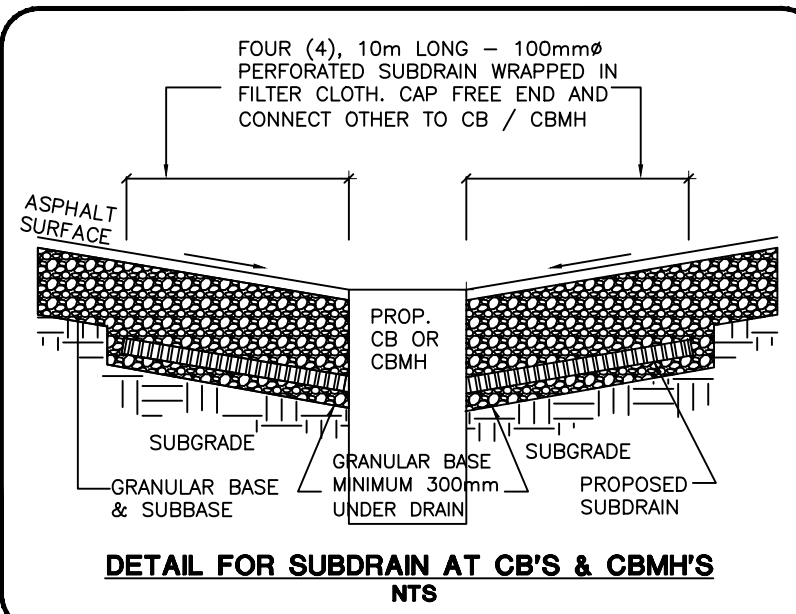
- DENOTES EXISTING STORM MANHOLE
- DENOTES PROPOSED STORM MANHOLE
- DENOTES PROPOSED CATCHBASIN MANHOLE
- DENOTES EXISTING CATCH BASIN
- DENOTES PROPOSED CATCHBASIN
- DENOTES PROPOSED STORM/CEPTOR
- DENOTES PROPOSED INLET CONTROL DEVICE (ICD)
- DENOTES EXISTING STORM SEWER
- DENOTES PROPOSED STORM SEWER
- DENOTES PROPOSED SUB-DRAIN
- DENOTES EXISTING SANITARY MANHOLE
- DENOTES PROPOSED SANITARY MANHOLE
- DENOTES PROPOSED SANITARY SEWER
- DENOTES EXISTING SANITARY SEWER
- DENOTES PROPOSED DETECTOR CHECK VALVE IN CHAMBER
- DENOTES PROPOSED HYDRANT
- DENOTES EXISTING HYDRANT
- DENOTES PROPOSED HYDRANT PUMPER NOZZLE
- DENOTES PROPOSED WATER VALVE & BOX (OR PIV)
- DENOTES EXISTING WATER VALVE & BOX
- DENOTES PROPOSED WATER METER
- DENOTES EXISTING WATER MAIN
- DENOTES PROPOSED WATER MAIN
- DENOTES PROPOSED SIAMESE CONNECTION
- DENOTES PROPOSED CAP FOR SANITARY, STORM AND/OR WATER AS NOTED
- DENOTES PROPOSED ENTRANCE LOCATION
- DENOTES PROPOSED LIMIT OF CONSTRUCTION
- DENOTES PROPOSED HEAVY DUTY ASPHALT AREA

**CONTRACTOR TO PROVIDE AS-BUILT
DRAWINGS UPON COMPLETION OF ALL
WORKS TO THE ODAN/DETECH GROUP**

**CONTRACTOR TO PROVIDE AS-BUILT
DRAWINGS UPON COMPLETION OF ALL
WORKS TO THE ODAN/DETECH GROUP**

**SLEEVE DETAIL FOR SERVICES ENTERING BUILDING
AND EXACT ENTRY LOCATIONS TO BE PROVIDED
BY OTHERS. LOCATION OF RISERS TO BE
COORDINATED AT TIME OF CONSTRUCTION
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ALL PROPOSED WATER PIPING MUST BE ISOLATED THROUGH A TEMPORARY CONNECTION THAT SHALL INCLUDE APPROPRIATE CROSS-CONNECTION CONTROL DEVICE(S) CONSISTENT WITH THE DEGREE OF HAZARD FOR BACKFLOW PREVENTION OF THE ACTIVE DISTRIBUTION SYSTEM CONFORMING TO REGION OF PEEL STANDARDS 1-7-7 OR 1-7-8

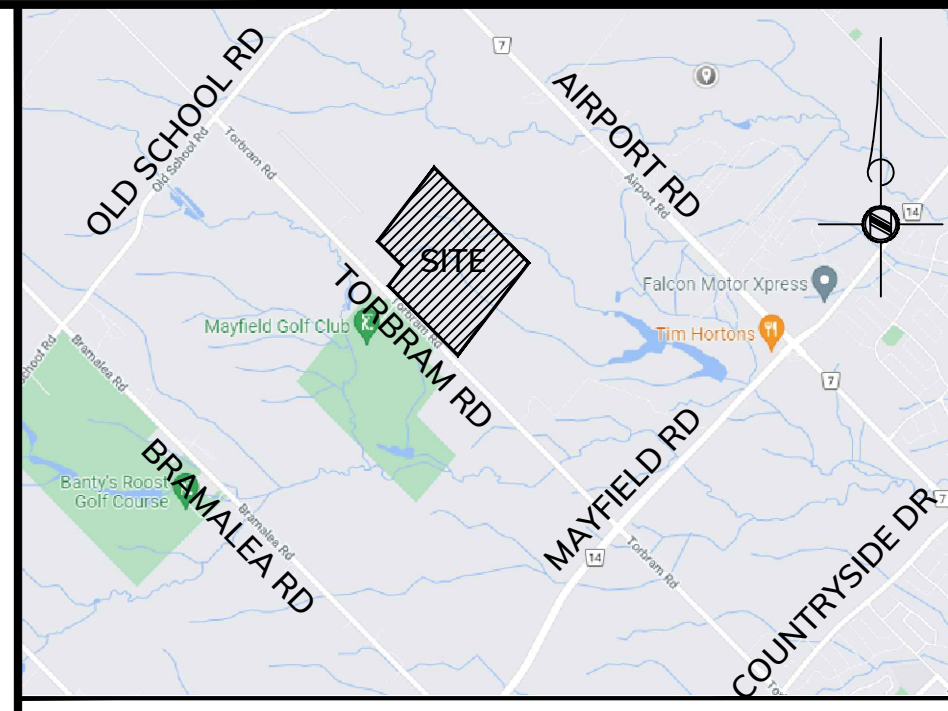
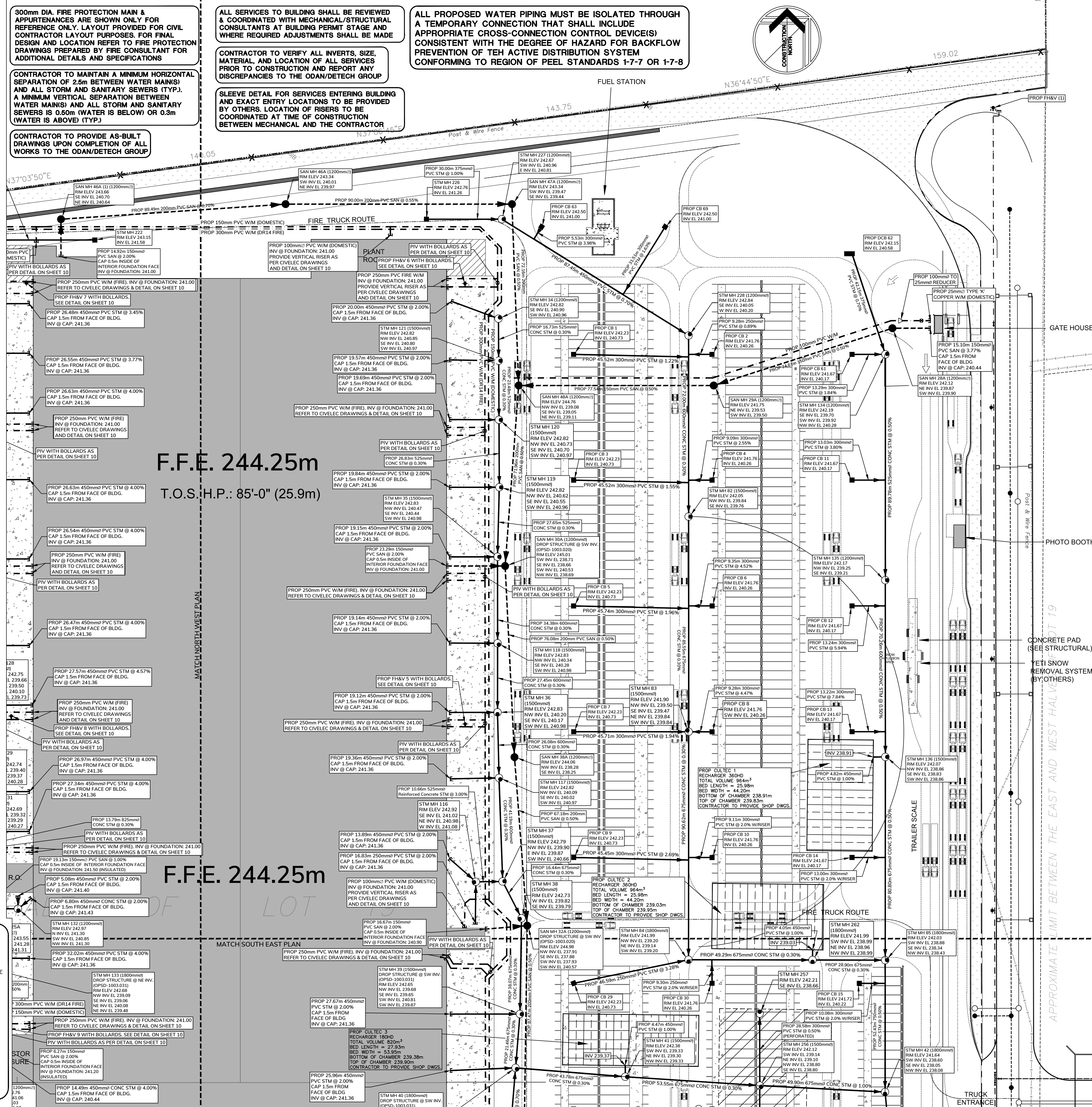


- 1). ALL MATERIALS AND CONSTRUCTION METHODS MUST CORRESPOND TO THE CURRENT PEEL PUBLIC WORKS STANDARDS AND SPECIFICATIONS
- 2). WATERMAIN AND / OR WATER SERVICE MATERIALS 100 mm(4") AND LARGER MUST BE PVC-D OR 18" CONFORMING TO AWWA SPECIFICATIONS C900-16. SIZE 50mm (2") AND SMALLER MUST BE TYPE "K" SOFT COPPED
- 3). WATERMANS AND / OR WATER SERVICES ARE TO HAVE A MINIMUM COVER OF 1.7m (5'6") WITH A MINIMUM HORIZONTAL SPACING OF 1.0m(3') FROM THEMSELVES AND ALL OTHER UTILITIES.
- 4). PROVISIONS FOR FLUSHING WATER LINE PRIOR TO TESTING, ETC. MUST BE PROVIDED WITH AT LEAST 100mm(4") DIAMETER LINES AND LARGER LINES AND COPPER LINES ARE TO HAVE FLUSHING POINTS AT THE END, THE SAME SIZE AS THE LINE. THEY MUST ALSO BE HOSED OR PIPED TO ALLOW THE WATER TO DRAIN INTO A PARKING LOT OR DOWN A DRAIN. ON FIRE LINES FLUSHING OUTLET TO BE 100mm (4") DIAMETER MINIMUM ON A HYDRANT
- 5). ALL CURB STOPS TO BE 3.0m (10') OFF THE FACE OF THE BUILDING UNLESS OTHERWISE NOTED.
- 6). HYDRANT AND VALVE SET TO REGION STANDARD 1-6-1 DIMENSION A AND B, 0.7m (2") AND 0.9m (3") AND TO HAVE A PUMPER NOZZLE.
- 7). WATERMANS TO BE INSTALLED TO GRADES AS SHOWN ON APPROVAL SITE PLAN. COPY OF GRADE SHEET MUST BE FURNISHED TO INSPECTOR PRIOR TO COMMENCEMENT OF WORK, WHERE REQUESTED BY INSPECTOR.
- 8). WATERMANS MUST HAVE A MINIMUM VERTICAL CLEARANCE OF 0.3m (12") OVER / 0.5m (20") UNDER SEWERS AND ALL OTHER UTILITIES WHEN CROSSING.
- 9). ALL PROPOSED WATER PIPING MUST BE ISOLATED FROM EXISTING LINES IN ORDER TO ALLOW INDEPENDENT PRESSURE TESTING OF EACH WATER PIPING SYSTEMS.
- 10). ALL LINE TAPPING AND OPERATION OF REGION WATER MAINS SHALL BE ARRANGED THROUGH THE REGIONAL INSPECTOR ASSIGNED BY CONTACTING THE OPERATIONS AND MAINTENANCE DIVISION.
- 11). LOCATION OF ALL EXISTING UTILITIES IN THE FIELD TO BE ESTABLISHED BY THE CONTRACTOR.
- 12). THE CONTRACTOR(S) SHALL BE SOLELY RESPONSIBLE FOR LOCATES, EXPOSING, SUPPORTING AND PROTECTING OF UNDERGROUND AND OVERHEAD UTILITIES AND STRUCTURES EXISTING AT THE TIME OF CONSTRUCTION. IN THE EVENT OF THEIR WORK WHETHER ON THEIR PLANS OR NOT AND FOR ALL REPAIRS AND CONSEQUENCES RESULTING FROM DAMAGE TO SAME.
- 13). THE CONTRACTOR(S) SHALL BE SOLELY RESPONSIBLE TO GIVE NOTIFICATION TO THE UTILITIES CONCERNED PRIOR TO ANY WORKING OF THE UTILITIES. THE NOTIFICATION TO BE CONCERNED UTILITY IS THIS NOTIFICATION TO BE FOR THE DURATION OF THE CONSTRUCTION, WITH THE CONTRACTOR RESPONSIBLE FOR

	DENOTES EXISTING STORM MANHOLE		DENOTES PROPOSED HYDRANT
	DENOTES PROPOSED STORM MANHOLE		DENOTES EXISTING HYDRANT
	DENOTES PROPOSED CATCHBASIN MANHOLE		DENOTES PROPOSED HYDRANT PUMPER NOZZLE
	DENOTES EXISTING CATCH BASIN		DENOTES PROPOSED WATER VALVE & BOX (OR PIV)
	DENOTES PROPOSED CATCHBASIN		DENOTES EXISTING WATER VALVE & BOX
	DENOTES PROPOSED STORMCEPTOR		DENOTES PROPOSED WATER METER
	DENOTES PROPOSED INLET CONTROL DEVICE (ICD)		DENOTES EXISTING WATER MAIN
	DENOTES EXISTING STORM SEWER		DENOTES PROPOSED WATER MAIN
	DENOTES PROPOSED STORM SEWER		DENOTES PROPOSED SIAMESE CONNECTION
	DENOTES PROPOSED SUB-DRAIN		DENOTES PROPOSED CAP FOR SANITARY, STORM AND/OR WATER AS NOTED
	DENOTES EXISTING SANITARY MANHOLE		DENOTES PROPOSED ENTRANCE LOCATION
	DENOTES PROPOSED SANITARY MANHOLE		DENOTES PROPOSED LIMIT OF CONSTRUCTION
	DENOTES PROPOSED SANITARY SEWER		DENOTES PROPOSED HEAVY DUTY ASPHALT AREA
	DENOTES EXISTING SANITARY SEWER		

T.O.S. H.P.: 85'-0" (25.9m)

OF	LOT
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KEY PLAN
Scale : N.T.S.

SUBJECT
LANDS

NOTES:

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LOCATED 72.80M SOUTH OF CENTRELINE OF MAYFIELD ROAD AND 19.81M EAST OF CENTRELINE OF TORBRAM ROAD.

SITE BENCHMARK:
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2.	ISSUED FOR SPA	JULY 15/22	M.E.H.
	ISSUED FOR REVIEW & COORDINATION	JUNE 22/22	M.E.H.
NO.	REVISIONS	DATE	BY

SCALE(S):

0 15 30 45 60 75

1:750



DRAWING TITLE:

SITE SERVICING PLAN (NORTH EAST)

PROJECT:

PROPOSED INDUSTRIAL DEVELOPMENT
TULLAMORE LANDS
CALEDON, ONTARIO

CLIENT:

TULLAMORE LANDS

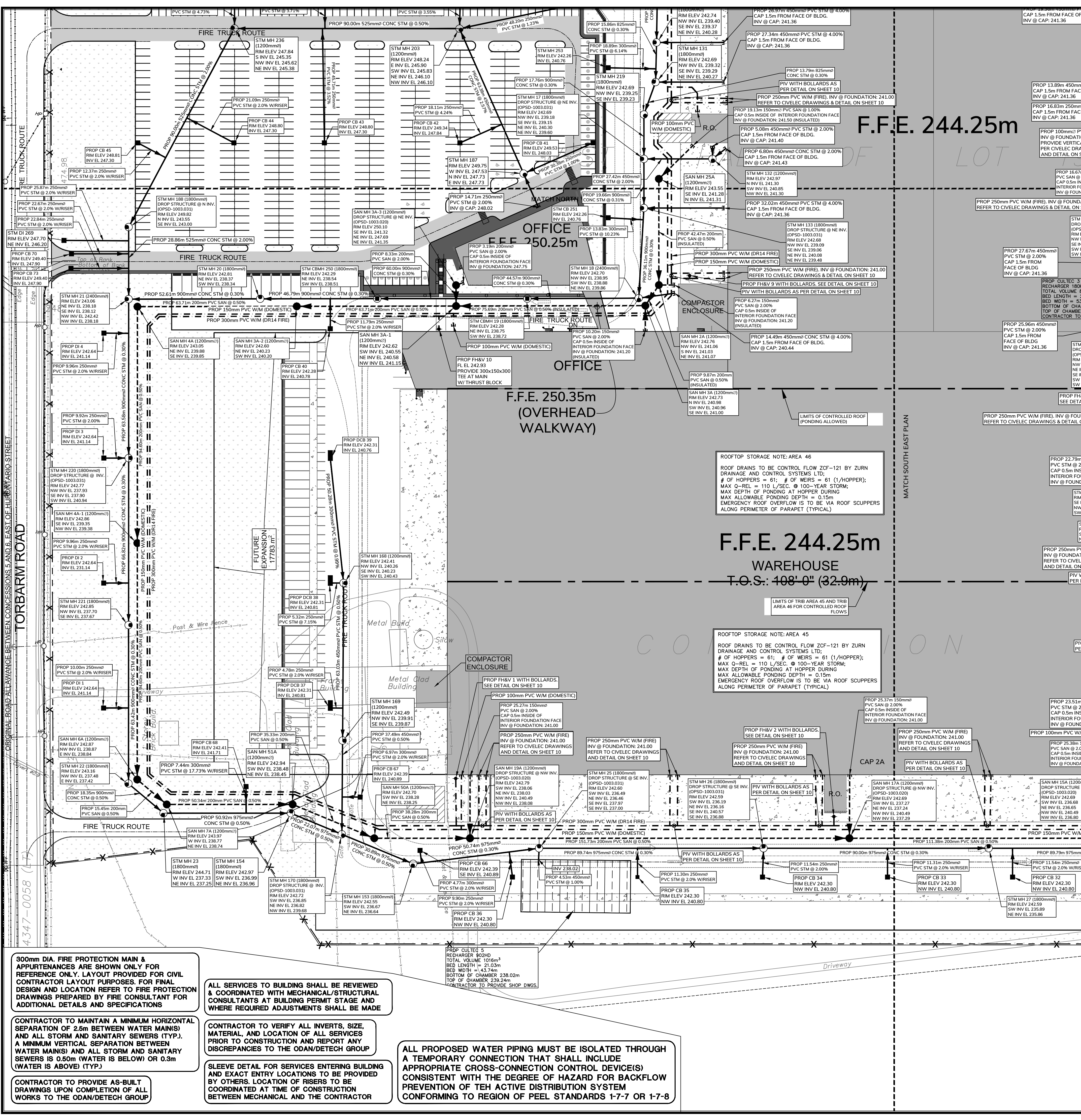


The Odan/Detech Group Inc. P: (905) 632-3811 F: (905) 632-3363

5230 SOUTH SERVICE ROAD, BURLINGTON, ONTARIO, L7L 5K2		
DESIGNED BY:	PROJECT No:	



DESIGNED BY: M.H.H.	PROJECT NO. 21264
DRAWN BY: Z.Z.	
CHECKED BY: J.K.	DATE: SEP 2021
APPROVED BY: J.K.	DRAWING No.: 2 of 13

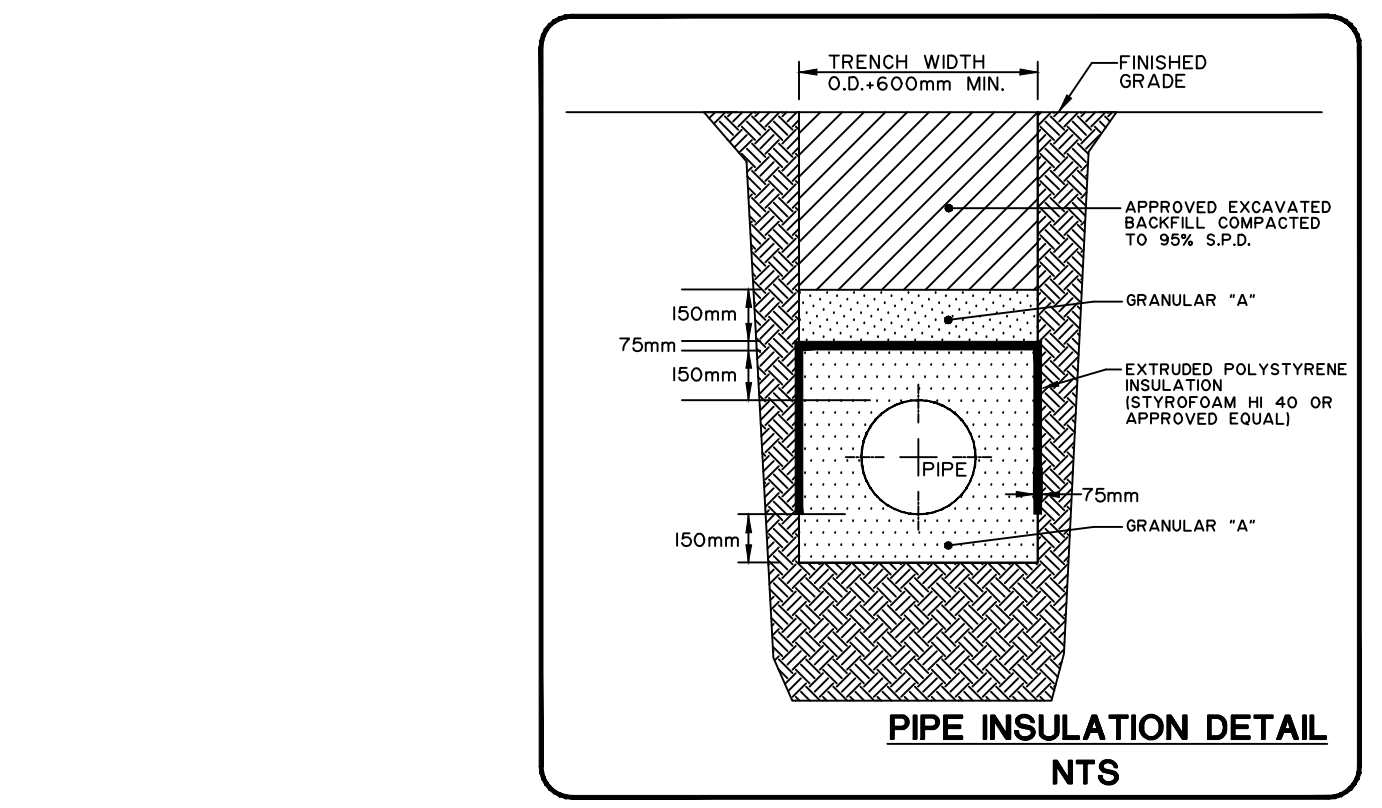
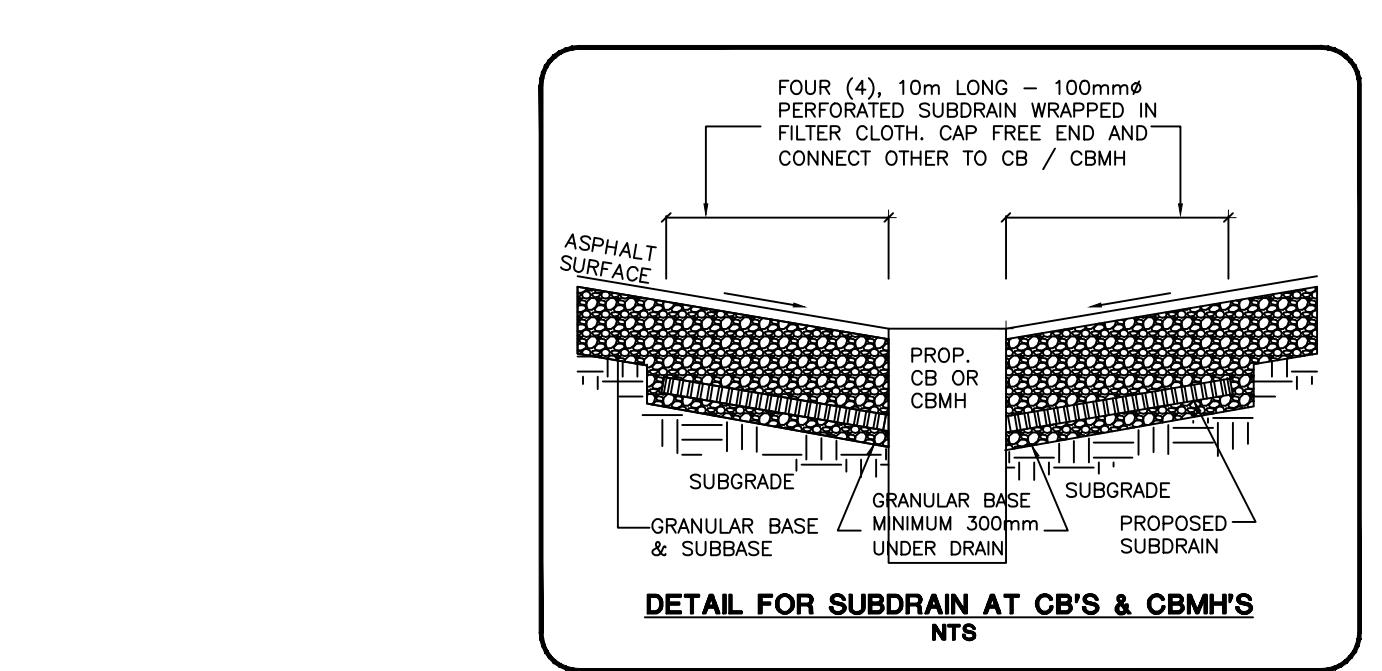


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CONTRACTOR TO MAINTAIN A MINIMUM HORIZONTAL SEPARATION OF 2.5m & MINIMUM VERTICAL SEPARATION OF 0.50m BETWEEN WATER MAINS) AND ALL STORM AND SANITARY SEWERS (TYP.)

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 - PROVISIONS FOR FLUSHING WATER LINE PRIOR TO TESTING, ETC. MUST BE PROVIDED WITH AT LEAST A 50mm(2") OUTLET ON 100mm (4") AND LARGER LINES. COPPER LINES ARE TO HAVE FLUSHING POINTS AT THE END, THE SAME SIZE AS THE LINE. THEY MUST ALSO BE HOSED OR PIPED TO ALLOW THE WATER TO DRAIN INTO A PARKING LOT OR DOWN A DRAIN. ON FIRE LINES FLUSHING OUTLET TO BE 100mm (4") DIAMETER MINIMUM ON A HYDRANT.
 - ALL CURB STOPS TO BE 3.0m (10') OFF THE FACE OF THE BUILDING UNLESS OTHERWISE NOTED.
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 - ALL PROPOSED WATER PIPING MUST BE ISOLATED FROM EXISTING LINES IN ORDER TO ALLOW INDEPENDENT PRESSURE TESTING AND CHLORINATING FROM EXISTING SYSTEMS.
 - ALL LIVE TAPPING AND OPERATION OF REGION WATER VALVES SHALL BE ARRANGED THROUGH THE REGIONAL INSPECTOR ASSIGNED BY CONTACTING THE OPERATIONS AND MAINTENANCE DIVISION.
 - LOCATION OF ALL EXISTING UTILITIES IN THE FIELD TO BE ESTABLISHED BY THE CONTRACTOR.
 - THE CONTRACTOR(S) SHALL BE SOLELY RESPONSIBLE FOR LOCATES, EXPOSING, SUPPORTING AND PROTECTING OF ALL UNDERGROUND AND OVERHEAD UTILITIES AND STRUCTURES EXISTING AT THE TIME OF CONSTRUCTION IN THE AREA OF THEIR WORK, WHETHER SHOWN ON THE PLANS OR NOT AND FOR ALL REPAIRS AND CONSEQUENCES RESULTING FROM DAMAGE TO SAME.
 - THE CONTRACTOR(S) SHALL BE SOLELY RESPONSIBLE TO GIVE 72 HOURS WRITTEN NOTICE TO THE UTILITIES PRIOR TO CROSSING SUCH UTILITIES FOR THE PURPOSE OF INSPECTION BY THE CONCERNED UTILITY. THIS INSPECTION WILL BE FOR THE DURATION OF THE CONSTRUCTION, WITH THE CONTRACTOR RESPONSIBLE FOR ALL COSTS ARISING FROM SUCH INSPECTIONS.

SERVICING LEGEND:

- ⊙ DENOTES EXISTING STORM MANHOLE
- ⊙ DENOTES PROPOSED STORM MANHOLE
- ⊙ DENOTES PROPOSED CATCHBASIN MANHOLE
- ⊙ DENOTES EXISTING CATCH BASIN
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- ⊙ DENOTES PROPOSED LIMIT OF CONSTRUCTION
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KEY PLAN
Scale: 1:15

SUBJECT LANDS

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DRAWING TITLE:
SITE SERVICING PLAN
(SOUTH WEST)

PROJECT:
PROPOSED INDUSTRIAL DEVELOPMENT
TULLAMORE LANDS
CALEDON, ONTARIO

CLIENT:
TULLAMORE LANDS

ODAN-DETECH CONSULTING ENGINEERS
The Odan/Detech Group Inc. P: (905) 632-3811 F: (905) 632-3363
5230 SOUTH SERVICE ROAD, BURLINGTON, ONTARIO, L7L 5K2

DESIGNED BY: M.H.H.
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APPROVED BY: J.K.
ENGINEER

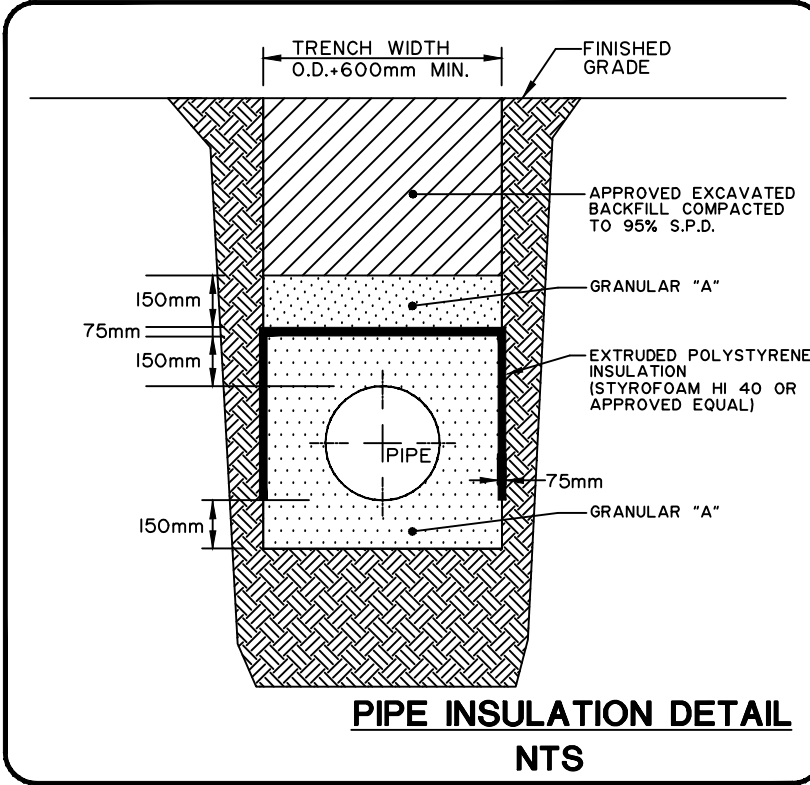
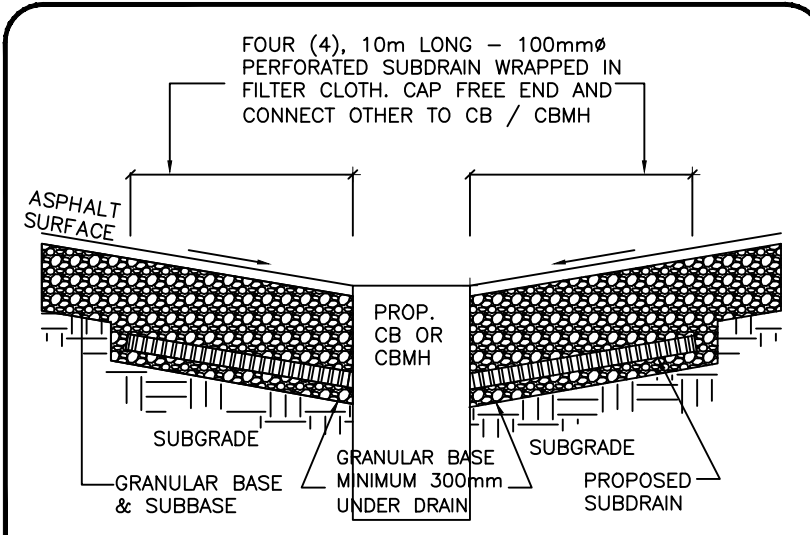
PROJECT NO: 21264
DATE: SEP 2021
DRAWING No.: 3 OF 13

CONTRACTOR TO VERIFY ALL INVERTS, SIZE, MATERIAL, AND LOCATION OF ALL SERVICES PRIOR TO CONSTRUCTION AND REPORT ANY DISCREPANCIES TO THE ODAN/DETECH GROUP

CONTRACTOR TO MAINTAIN A MINIMUM HORIZONTAL SEPARATION OF 2.5m & MINIMUM VERTICAL SEPARATION OF 0.50m BETWEEN WATER MAIN(S) AND ALL STORM AND SANITARY SEWERS (TYP.)

ALL SERVICES TO BUILDING SHALL BE REVIEWED & COORDINATED WITH MECHANICAL/STRUCTURAL CONSULTANTS AT BUILDING PERMIT STAGE AND WHERE REQUIRED ADJUSTMENTS SHALL BE MADE

CONTRACTOR TO PROVIDE AS-BUILT DRAWINGS UPON COMPLETION OF ALL WORKS TO THE ODAN/DETECH GROUP



REGION OF PEEL NOTES:

- ALL MATERIALS AND CONSTRUCTION METHODS MUST CORRESPOND TO THE CURRENT PEEL PUBLIC WORKS STANDARDS AND SPECIFICATIONS
- WATERMAIN AND / OR WATER SERVICE MATERIALS 100mm(4") AND LARGER MUST BE PVC-DR 18 CONFORMING TO ANSA SPECIFICATIONS C900-16, SIZE 50mm(2") AND SMALLER MUST BE TYPE "K" SOFT COPPER.
- WATERMAINS AND / OR WATER SERVICES ARE TO HAVE A MINIMUM COVER OF 1.7m (5'6") WITH A MINIMUM HORIZONTAL SPACING OF 1.2m(4") FROM THEMSELVES AND ALL OTHER UTILITIES.
- PROVISIONS FOR FLUSHING WATER LINE PRIOR TO TESTING, ETC. MUST BE PROVIDED WITH AT LEAST A 50mm(2") OUTLET ON 100mm (4") AND LARGER LINES. COPPER LINES ARE TO HAVE FLUSHING POINTS AT THE END, THE SAME SIZE AS THE LINE. THEY MUST ALSO BE HOSED OR PIPED TO ALLOW THE WATER TO DRAIN INTO A PARKING LOT OR DOWN A DRAIN. ON FIRE LINES FLUSHING OUTLET TO BE 100mm (4") DIAMETER MINIMUM ON A HYDRANT.
- ALL CURB STOPS TO BE 3.0m (10') OFF THE FACE OF THE BUILDING UNLESS OTHERWISE NOTED.
- HYDRANT AND VALVE SET TO REGION STANDARD 1-6-1 DIMENSION A AND B, 0.7m (2'2") AND 0.9m (3") AND TO HAVE A PUMPER NOZZLE.
- WATERMAINS TO BE INSTALLED TO GRADES AS SHOWN ON APPROVAL SITE PLAN. COPY OF GRADE SHEET MUST BE SUPPLIED TO INSPECTOR PRIOR TO COMMENCEMENT OF WORK, WHERE REQUESTED BY INSPECTOR.
- WATERMAINS MUST HAVE A MINIMUM VERTICAL CLEARANCE OF 0.3m (12") OVER / 0.5m (20") UNDER SEWERS AND ALL OTHER UTILITIES WHEN CROSSING.
- ALL PROPOSED WATER PIPING MUST BE ISOLATED FROM EXISTING LINES IN ORDER TO ALLOW INDEPENDENT TESTING AND CHLORINATING FROM EXISTING SYSTEMS.
- ALL LIVE TAPPING AND OPERATION OF REGION WATER VALVES SHALL BE ARRANGED THROUGH THE REGIONAL INSPECTOR ASSIGNED BY CONTACTING THE OPERATIONS AND MAINTENANCE DIVISION.
- LOCATION OF ALL EXISTING UTILITIES IN THE FIELD TO BE ESTABLISHED BY THE CONTRACTOR.
- THE CONTRACTOR(S) SHALL BE SOLELY RESPONSIBLE FOR LOCATES, EXPOSING, SUPPORTING AND PROTECTING OF ALL UNDERGROUND AND OVERHEAD UTILITIES AND STRUCTURES EXISTING AND TO BE LOCATED IN THE FIELD. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND STRUCTURES FROM DAMAGE TO AND FOR ALL REPAIRS AND CONSEQUENCES RESULTING FROM DAMAGE TO SAME.
- THE CONTRACTOR(S) SHALL BE SOLELY RESPONSIBLE TO OVE 72 HOURS WRITTEN NOTICE TO THE UTILITIES PRIOR TO CLOSING SUCH UTILITIES. FOR THE PURPOSE OF INSPECTION BY THE CONCERNED UTILITY. THIS INSPECTION WILL BE FOR THE DURATION OF THE CONSTRUCTION. WITH THE CONTRACTOR RESPONSIBLE FOR ALL COSTS ARISING FROM SUCH INSPECTIONS.

SERVICING LEGEND:

- DENOTES EXISTING STORM MANHOLE
- DENOTES PROPOSED STORM MANHOLE
- DENOTES PROPOSED CATCHBASIN MANHOLE
- DENOTES EXISTING CATCH BASIN
- DENOTES PROPOSED CATCHBASIN
- DENOTES PROPOSED STORMCEPTOR
- DENOTES PROPOSED INLET CONTROL DEVICE (ICD)
- DENOTES EXISTING STORM SEWER
- DENOTES PROPOSED STORM SEWER
- DENOTES PROPOSED SUB-DRAIN
- DENOTES EXISTING SANITARY MANHOLE
- DENOTES PROPOSED SANITARY MANHOLE
- DENOTES PROPOSED SANITARY SEWER
- DENOTES EXISTING SANITARY SEWER
- DENOTES PROPOSED DETECTOR CHECK VALVE IN CHAMBER
- DENOTES PROPOSED HYDRANT
- DENOTES EXISTING HYDRANT
- DENOTES PROPOSED HYDRANT PUMPER NOZZLE
- DENOTES EXISTING WATER VALVE & BOX (OR PIV)
- DENOTES PROPOSED WATER VALVE & BOX
- DENOTES EXISTING WATER MAIN
- DENOTES PROPOSED WATER MAIN
- DENOTES PROPOSED SIAMSE CONNECTION
- DENOTES PROPOSED CAP FOR SANITARY, STORM AND/OR WATER AS NOTED
- DENOTES PROPOSED ENTRANCE LOCATION
- DENOTES PROPOSED LIMIT OF CONSTRUCTION
- DENOTES PROPOSED HEAVY DUTY ASPHALT AREA

F.F.E. 244.25m

F.F.E. 244.25m

WAREHOUSE
T.O.S.: 108'-0" (32.9m)

300mm DIA. FIRE PROTECTION MAIN & APPURTENANCES ARE SHOWN ONLY FOR REFERENCE ONLY. LAYOUT PROVIDED FOR CIVIL CONTRACTOR LAYOUT PURPOSES. FOR FINAL DESIGN AND LOCATION REFER TO FIRE PROTECTION DRAWINGS PREPARED BY FIRE CONSULTANT FOR ADDITIONAL DETAILS AND SPECIFICATIONS

CONTRACTOR TO MAINTAIN A MINIMUM HORIZONTAL SEPARATION OF 2.5m BETWEEN WATER MAIN(S) AND ALL STORM AND SANITARY SEWERS (TYP.). A MINIMUM VERTICAL SEPARATION BETWEEN WATER MAIN(S) AND ALL STORM AND SANITARY SEWERS IS 0.50m (WATER IS BELOW) OR 0.3m (WATER IS ABOVE) (TYP.)

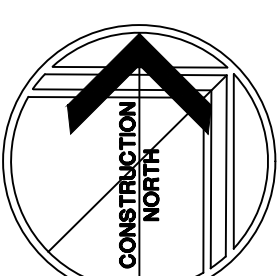
CONTRACTOR TO PROVIDE AS-BUILT DRAWINGS UPON COMPLETION OF ALL WORKS TO THE ODAN/DETECH GROUP

ALL SERVICES TO BUILDING SHALL BE REVIEWED & COORDINATED WITH MECHANICAL/STRUCTURAL CONSULTANTS AT BUILDING PERMIT STAGE AND WHERE REQUIRED ADJUSTMENTS SHALL BE MADE

CONTRACTOR TO VERIFY ALL INVERTS, SIZE, MATERIAL, AND LOCATION OF ALL SERVICES PRIOR TO CONSTRUCTION AND REPORT ANY DISCREPANCIES TO THE ODAN/DETECH GROUP

SLEEVE DETAIL FOR SERVICES ENTERING BUILDING AND EXACT ENTRY LOCATIONS TO BE PROVIDED BY OTHERS. LOCATION OF RISERS TO BE COORDINATED AT TIME OF CONSTRUCTION BETWEEN MECHANICAL AND THE CONTRACTOR

ALL PROPOSED WATER PIPING MUST BE ISOLATED THROUGH A TEMPORARY CONNECTION THAT SHALL INCLUDE APPROPRIATE CROSS-CONNECTION CONTROL DEVICES(S) CONSISTENT WITH THE DEGREE OF HAZARD FOR BACKFLOW PREVENTION OF TEH ACTIVE DISTRIBUTION SYSTEM CONFORMING TO REGION OF PEEL STANDARDS 1-7-7 OR 1-7-8



NOTES:
THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, SEWERS AND UNDERGROUND AND ABOVE GROUND UTILITIES 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 THE WORK THE CONTRACTOR SHALL CONFIRM OF THE EXACT LOCATION OF ALL UTILITIES AND STRUCTURES, AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

THE CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS ON THE JOB AND REPORT ANY DISCREPANCY TO THE ARCHITECTS/ENGINEERS BEFORE PROCEEDING WITH THE WORKS.

ALL DRAWINGS AND SPECIFICATIONS ARE INSTRUMENTS OF SERVICE AND THE PROPERTY OF THE ENGINEER WHICH MUST BE RETURNED AT THE COMPLETION OF WORK.

THIS DRAWING IS NOT TO BE ENGINEER, CONTRACTOR TO USE DIGITAL FILES FOR LAYOUT PROVIDED BY SCALAR. THIS PLAN MUST NOT BE USED TO SITE THE PROPOSED BUILDINGS.

THE APPROVAL OF THIS PLAN DOES NOT EXEMPT THE OWNER'S CONTRACTOR FROM OBTAINING, BUT NOT LIMITED TO THE FOLLOWING PERMITS: ROAD CUT, SEWER PERMITS, RELOCATION OF SERVICES, ENCROACHMENT AGREEMENTS, APPROACH APPROVAL PERMITS, ETC..

EXISTING TOPOGRAPHICAL INFORMATION SUPPLIED BY YOUNG & YOUNG SURVEYING INC.

BENCH MARK:
1) ELEVATIONS HEREON ARE GEODETIC IN ORIGIN AND WERE DERIVED FROM GPS OBSERVATIONS USING THE "TOPNET" GPS NETWORK AND ARE REFERRED TO THE CGVD-1928: 1978 DATUM.
2) ELEVATIONS HEREON ARE GEODETIC IN ORIGIN AND WERE DERIVED FROM CITY OF BRAMPTON MONUMENT NO. 04220365 (NAD83 ADJUSTMENT) HAVING A PUBLISHED ELEVATION OF 242.135 m.
LOCATED 72.80m SOUTH OF CENTRELINE OF MAYFIELD ROAD AND 19.81m EAST OF CENTRELINE OF TORBRAM ROAD.

SITE BENCHMARK:
A CUT CROSS HAVING ELEVATION 242.51 m WAS SET ON THE NORTHEAST CORNER OF THE INTERSECTION BETWEEN MAYFIELD ROAD AND TORBRAM ROAD.

BEARING NOTE:
BEARINGS ARE UTM GRID, DERIVED FROM GPS OBSERVATION USING THE "TOPNET" GPS NETWORK OBSERVATIONS, UTM ZONE 17, NAD83 (CSRS) (1997.0).

METRIC NOTE:
DISTANCES AND ELEVATIONS ON THIS PLAN ARE TYPICALLY SHOWN IN METRES AND CAN BE CONVERTED TO FEET BY DIVIDING BY 0.3048.

NO.	REVISIONS	DATE	BY
1.	ISSUED FOR SPA	JULY 15/22	M.E.H.
2.	ISSUED FOR FIRE PROTECTION & COORDINATION	JUNE 22/22	M.E.H.

SCALE(S):
0 15 30 45 60 75
1:750

DRAWING TITLE:
SITE SERVICING PLAN
(SOUTH EAST)

PROJECT:
PROPOSED INDUSTRIAL DEVELOPMENT

CLIENT:
TULLAMORE LANDS
CALEDON, ONTARIO

MAINTENANCE
SHOP : 9,856 SQ. FT.
T.O.S.: 25'-0" (7.62m)

ODAN-DETECH
CONSULTING ENGINEERS

The Odan/Detech Group Inc. P: (905) 632-3811 F: (905) 632-3363
5230 SOUTH SERVICE ROAD, BURLINGTON, ONTARIO, L7L 5K2

DESIGNED BY: M.H.H.	PROJECT NO: 21264
DRAWN BY: Z.Z.	DATE: SEP 2021
CHECKED BY: J.K.	DRAWING No.: 4 of 13
APPROVED BY: J.K.	ENGINEER