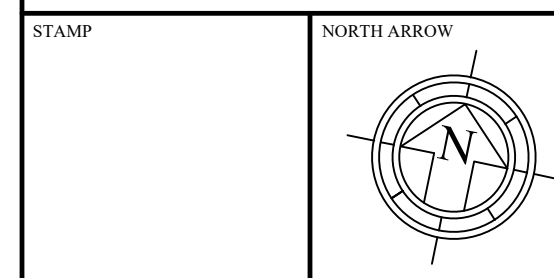


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REFERENCES:  
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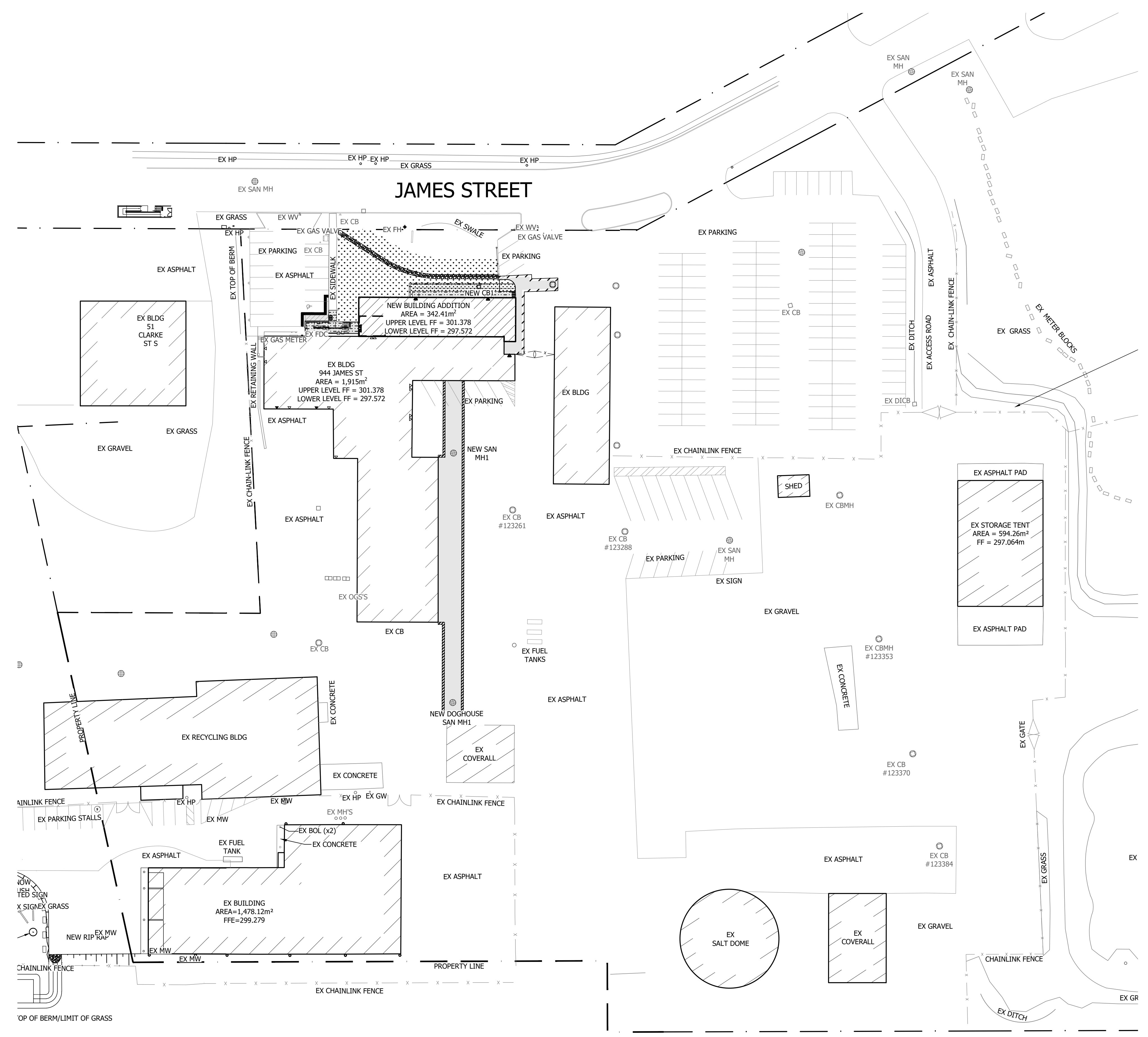
**GENERAL NOTES** (ALL DESIGN REFERENCE STANDARDS TO CURRENT EDITION)

- GENERAL:**
- ALL WORK SHALL CONFORM TO THE ONTARIO BUILDING CODE, REC. 332/12.
  - ALL WORK TO BE PERFORMED IN ACCORDANCE WITH APPLICABLE LEGISLATION AND REGULATIONS INCLUDING BUT NOT LIMITED TO, OCCUPATIONAL HEALTH AND SAFETY ACT AND REGULATIONS.
  - THE CONTRACTOR SHALL AS PART OF HIS WORK CHECK AND VERIFY ALL DIMENSIONS AND ELEVATIONS AND REPORT ANY DISCREPANCIES TO THE CONSULTANT BEFORE PROCEEDING WITH CONSTRUCTION.
  - SAFEGUARD AND PROTECT ALL EXISTING STRUCTURES, SERVICES AND UTILITIES WHICH MAY BE AFFECTED BY THE WORK OF THIS CONTRACT.
  - OWNER/CONTRACTOR TO NOTIFY ENGINEER FOR INSPECTION DURING CONSTRUCTION. SPH ENGINEERING NOT RESPONSIBLE FOR INSPECTIONS NOT PERFORMED DUE TO NON-NOTIFICATION.

- EXCAVATION AND BACKFILL:**
- GRANULAR 'A' TO BE COMPACTED TO 100% SPMD UNLESS NOTED OTHERWISE IN SOIL REPORT.
  - GRANULAR 'B' TO BE COMPACTED TO 100% SPMD UNLESS NOTED OTHERWISE IN SOIL REPORT.
  - GRANULAR IS TO BE PLACED AND COMPACTED IN LAYERS OF 200mm MAX
  - DO NOT PLACE BACKFILL AGAINST WALLS RETAINING EARTH (OTHER THAN CANTILEVER WALLS) UNTIL FLOORS AT TOP AND BOTTOM OF WALLS ARE PLACED AND HAVE ATTAINED SPECIFIC DESIGN STRENGTH.
  - FILL REQUIRED ON BOTH SIDES OF FOUNDATION WALLS SHALL BE PLACED AND COMPACTED SIMULTANEOUSLY ON BOTH SIDES TO EQUALIZE SOIL PRESSURE.
  - TOP SOIL TO BE STOCK PILED ON SITE FOR FINAL SITE DRESSING AT PROJECT COMPLETION.
  - ALL EXCESS EXCAVATED MATERIAL TO BE REMOVED FROM SITE.
  - EXCAVATED MATERIAL TO BE STOCKPILED ON SITE. TOPSOIL AND SUBSOIL ARE TO BE SEPARATED, SUBSOIL IS TO BE PLACED FIRST WITH TOPSOIL PLACED ON TOP. COORDINATE LOCATION WITH OWNER.
  - ALL AREAS SHOWN AS GRASS ARE TO HAVE MINIMUM 200mm OF TOPSOIL PLACED AND TRIM GRADED BY THE CONTRACTOR. GRASS SEEDING WILL BE THE OWNERS RESPONSIBILITY.
  - CONTRACTOR TO ENSURE POSITIVE DRAINAGE IS PROVIDED AT ALL TILES.
  - PROVIDE 200mm TOPSOIL AND HYDROSEED ALL AREAS DISTURBED BY CONSTRUCTION ON SITE TO THE SATISFACTION OF THE OWNER.

- CONCRETE:**
- DO CONCRETE WORK IN ACCORDANCE WITH CSA A23.1 AND TESTING TO CSA A23.2.
  - MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS TO BE 32 MPa C - 2 (SIDEWALKS, CURBS, BOLLARDS, UNREINFORCED CONCRETE)
  - MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS TO BE 35 MPa C - 1 (APRONS, DOLLY PAD, RETAINING WALLS, REINFORCED CONCRETE)
  - CONCRETE FORM WORK AND FALSE WORK MATERIALS SHALL CONFORM TO CSA A23.1.
  - ALL CONCRETE SHALL BE PLACED IN THE DRY.
  - CONCRETE EXPOSED TO WEATHER SHALL HAVE 5-8% AIR ENTRAINMENT.
  - SLAB ON GRADE: PROVIDE 6mm WIDE x 1/4 OF SLAB THICKNESS DEEP SAWCUTS. MAXIMUM SPACING TO BE 4m OR AS INDICATED ON PLANS.
  - SIDEWALKS: PROVIDE DUMMY JOINTS AT 1.5m INTERVALS AND CONTRACTION JOINTS AT 6.0m INTERVALS
  - WINTER CONSTRUCTION PROTECTION PROCEDURES TO BE OBSERVED.
  - PROVIDE A BROOM FINISH ON ALL EXTERIOR CONCRETE SLABS UNLESS CONCRETE MIX IS FIBRE MESH. FOR FIBRE MESH MIXES FINISH WITH A SINGLE MACHINE FLOAT FINISH (POWER TROWEL FITTED WITH MAGNESIUM FLOAT). ENSURE FINISH IS SLIP RESISTANT.
  - CURE EXTERIOR SLABS WITH ONE COAT OF PIGMENTED CURING COMPOUND AT A RATE AND METHOD AS RECOMMENDED BY MANUFACTURER.

- REINFORCEMENT:**
- DO REINFORCEMENT WORK IN ACCORDANCE WITH CSA A23.1.
  - REINFORCEMENT STEEL SHALL CONFORM TO CAN/CSA G30.18, STRENGTH TO BE 400 MPa.
  - WELDED STEEL WIRE FABRIC SHALL CONFORM TO ASTM A1064/A1064M (150mm SPACING) AND ASTM A497/A497M (300mm SPACING). PROVIDE IN FLAT SHEETS ONLY.
  - CONTRACTOR TO REVIEW WITH SPH ENGINEERING INC IF REBAR SHOP DRAWINGS ARE REQUIRED PRIOR TO ORDERING REINFORCING STEEL.
  - CONTRACTOR TO CONTACT SPH ENGINEERING INC TO ARRANGE FOR INSPECTION OF REINFORCING BEFORE PLACING CONCRETE.



**SITE PLAN**  
SCALE: 1:500

- NOTES:**
- ASPHALT REPAIR EXTENTS ARE APPROXIMATE AND SUBJECT TO ADJUSTMENT BASED ON SITE EXCAVATION LIMITS FOR BUILDING
  - PROVIDE 200mm TOPSOIL AND HYDROSEED ALL LANDSCAPED AREAS DISTURBED BY CONSTRUCTION ON SITE TO THE SATISFACTION OF THE OWNER AND CONSULTANT.
  - RESTORE ALL OTHER DISTURBED SURFACES TO MATCH EXISTING OR BETTER TO THE SATISFACTION OF THE OWNER AND CONSULTANT.
  - FIRE ROUTE TO BE AS PER OBC. 3.2.5.6. 12m RADIUS, 6m WIDE. TURN AROUND FACILITIES ARE WITHIN 90m FROM FIRE ROUTE LIMIT

No.	DESCRIPTION	DATE
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REVISIONS

No.	DESCRIPTION	DATE
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5	TENDER	2024-07-25
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2	CLIENT REVIEW	2024-04-22
1	ISSUED FOR 60% REVIEW	2024-02-23

ISSUED

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 WOODSTOCK, ONTARIO  
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PROJECT

**PUBLIC WORKS  
DEPARTMENT  
ADDITION**

TITLE

**OVERALL  
SITE PLAN**

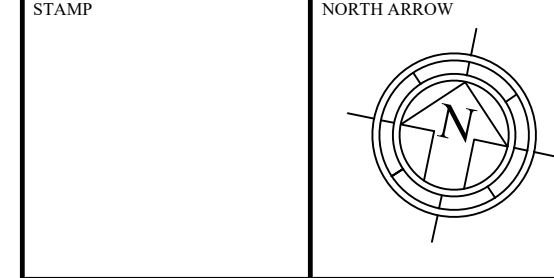
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PLOT DATE	PROJECT No	DRAWING No
2023-08-09	21367	<b>P0.1</b>

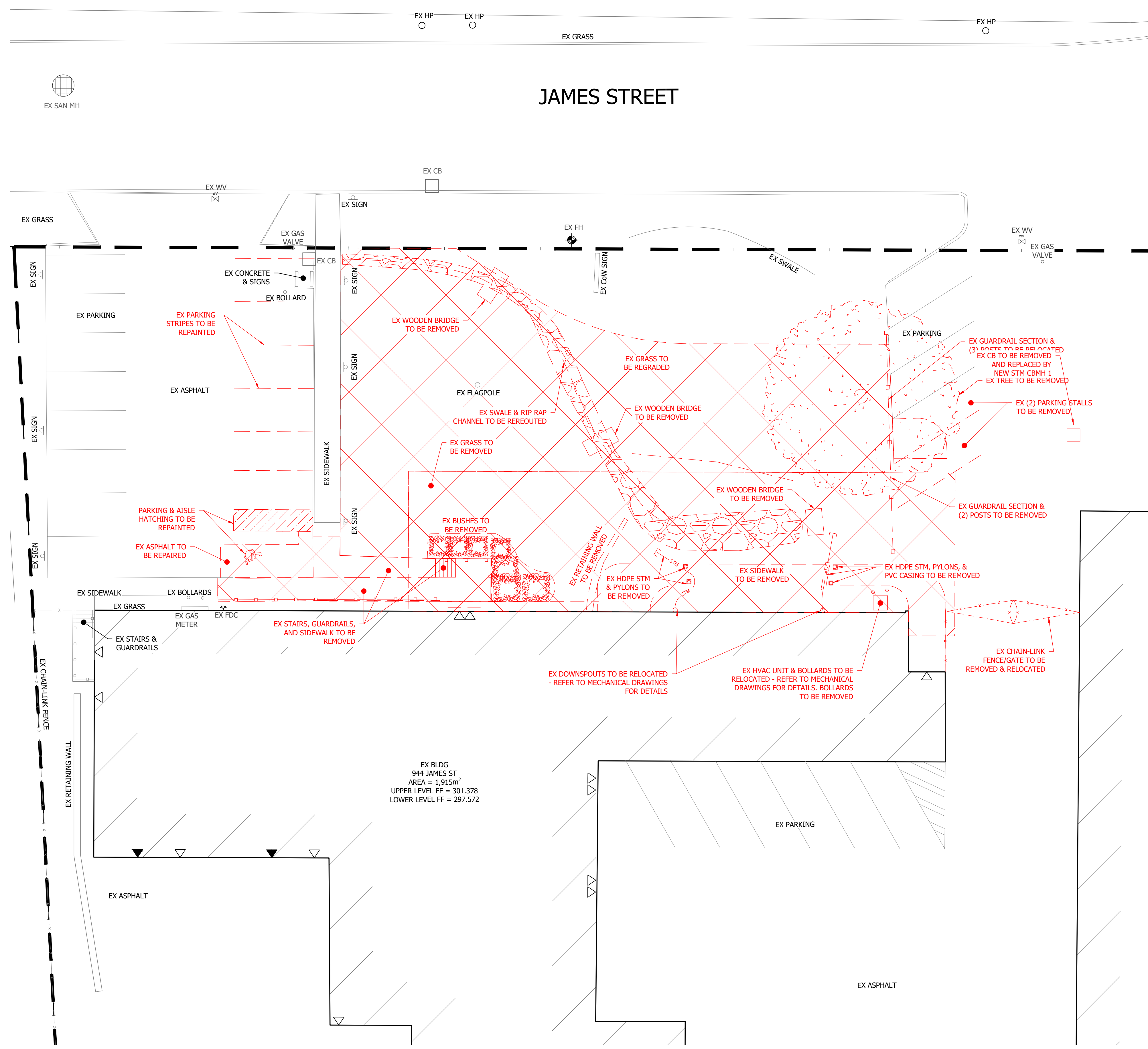
Z:\2021\21367 PUBLIC WORKS DEPT ADDITION\21367 SITE PLAN.DWG



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**DEMOLITION PLAN**  
 SCALE: 1:150  
 NOTES:  
 - PYLONS TO BE RETURNED TO OWNER

No.	DESCRIPTION	DATE
REVISIONS		
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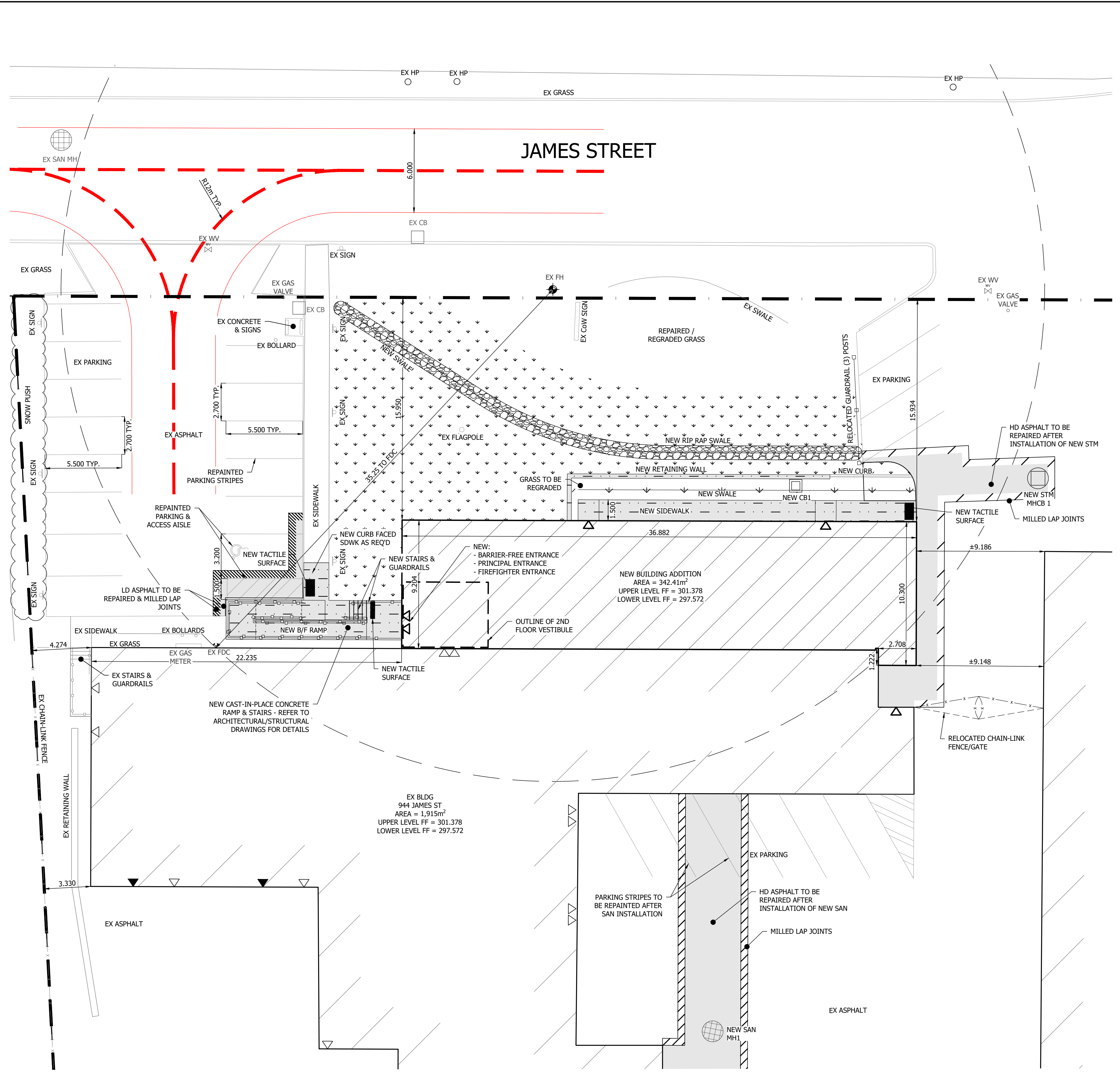
**PUBLIC WORKS  
 DEPARTMENT  
 ADDITION**

**DEMOLITION PLAN**

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PLOT DATE	PROJECT No	DRAWING No
2023-08-09	21367	D1

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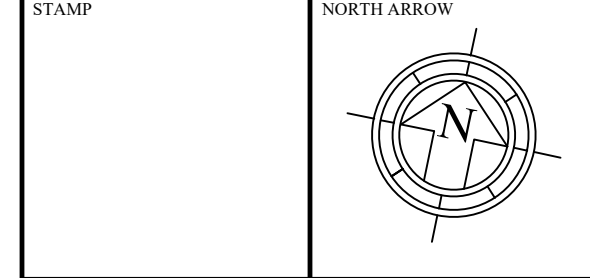
**SITE PLAN**  
SCALE: 1:150

**NOTES:**  
 - PROVIDE 200mm TOPSOIL AND HYDROSEED ALL LANDSCAPED AREAS DISTURBED BY CONSTRUCTION ONSITE TO THE SATISFACTION OF THE OWNER AND CONSULTANT.  
 - RESTORE ALL OTHER DISTURBED SURFACES TO MATCH EXISTING OR BETTER TO THE SATISFACTION OF THE OWNER AND CONSULTANT.  
 - FIRE ROUTE TO BE AS PER OBC. 3.2.5.6. 12m RADIUS, 6m WIDE. TURN AROUND FACILITIES ARE WITHIN 90m FROM FIRE ROUTE LIMIT  
 - ASPHALT REPAIR EXTENTS ARE APPROXIMATE AND SUBJECT TO ADJUSTMENT BASED ON EXCAVATION REQUIREMENTS

**SITE PLAN LEGEND**

- ±200.000 EXISTING GRADES
- ±200.000 FINISH GRADES (M.E.G. DENOTES: MATCH EXISTING GRADE)
- BH BOREHOLE LOCATIONS
- TP TEST PIT LOCATIONS
- TRAFFIC FLOW DIRECTION
- RS ROAD SIGN
- TS TRAFFIC SIGNAL
- FH FIRE HYDRANT
- DH DRY HYDRANT
- BB BELL BOX
- LP LIGHT POLE
- HP HYDRO POLE
- HP HYDRO POLE WITH GUY WIRE
- HLP HYDRO POLE WITH LIGHT
- MH SANITARY SEWER MANHOLE
- MH STORM SEWER MANHOLE
- CB STORM SEWER CATCHBASIN
- CBMH STORM SEWER CATCHBASIN MANHOLE
- SWALE
- W.V. WATER SHUT OFF VALVE
- SURFACE DRAINAGE FLOW
- FDC FIRE DEPARTMENT CONNECTION
- WALL MOUNTED LIGHT
- △ MAN DOOR LOCATION
- △ OVERHEAD DOOR LOCATION
- EXISTING TREES
- ▨ NEW BUILDING AREA
- ▨ EXISTING BUILDING AREA
- ▨ NEW CONCRETE SURFACES
- ▨ NEW ASPHALT SURFACES
- ▨ NEW RIP SURFACES
- ▨ NEW GRAVEL SURFACES
- ▨ NEW GRASS SURFACES
- ▨ MILLED LAP JOINTS
- SAN SANITARY
- SAN SANITARY INSULATION
- STM STORM
- STM STORM INSULATION
- S STORM SUBDRAIN
- WM WATERMAIN
- WM INSULATED WATERMAIN
- G GAS LINE
- H HYDRO
- ELEC SITE ELECTRICAL
- T BELL
- X CHAIN LINK FENCE LINE
- PROPERTY LINE
- TRAIN TRACKS
- FIRE ROUTE
- SILT FENCE

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**PUBLIC WORKS DEPARTMENT**  
**ADDITION**

**DETAILED SITE PLAN**

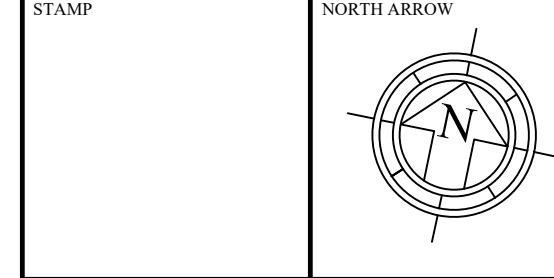
ZONING DATA CHART				
TYPE OF ZONE	GENERAL INDUSTRIAL (M3)	REQUIRED	PROVIDED	FUTURE
MINIMUM LOT AREA	NILm <sup>2</sup>	18,266.93m <sup>2</sup>	18,266.93m <sup>2</sup>	18,266.93m <sup>2</sup>
MAXIMUM BUILDING AREA	46,288m <sup>2</sup>	1,017.091m <sup>2</sup>	1,359.091m <sup>2</sup>	1,359.091m <sup>2</sup>
MINIMUM FRONTAGE	20m	299.8m	299.8m	299.8m
MAXIMUM BUILDING AREA (%)	70%	5.57%	7.4%	7.4%
MAXIMUM BUILDING HEIGHT	15m	<15m	<15m	<15m
MINIMUM LANDSCAPING (%)	5%	>5%	>5%	>5%
SETBACK LOCATION				
FRONT YARD	15m	25.012m	15.934m	
EXTERIOR SIDE YARD	NIL	NIL	NIL	
INTERIOR SIDE YARD	3m	301.088m E (EX.)	301.088m E (EX.)	
INTERIOR SIDE YARD	3m	3.330m W (EX.)	3.330m W (EX.)	
REAR YARD	7.5m	79.792m (EX.)	79.792m (EX.)	
MAXIMUM OPEN STORAGE	n/a	n/a	n/a	
OFF STREET LOADING SPACES	n/a	n/a	n/a	

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PLOT DATE	PROJECT No	DRAWING No
2023-08-09	21367	P1



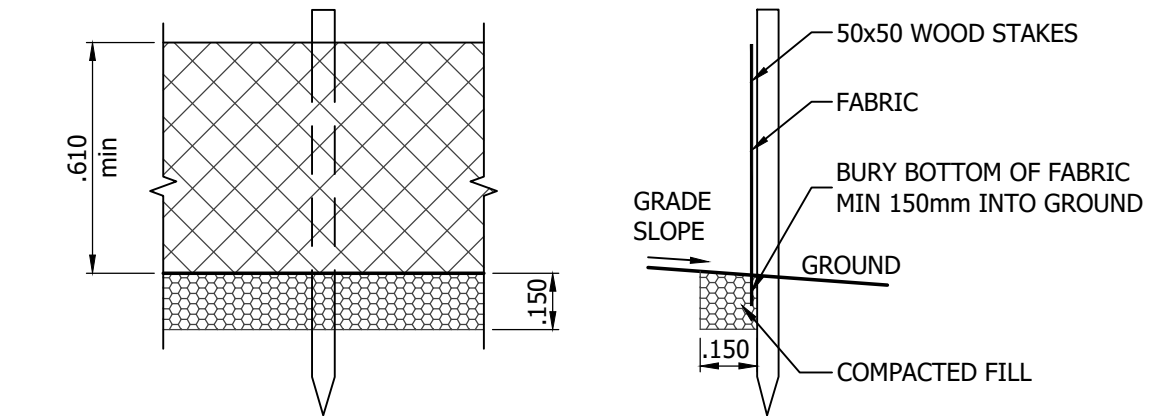
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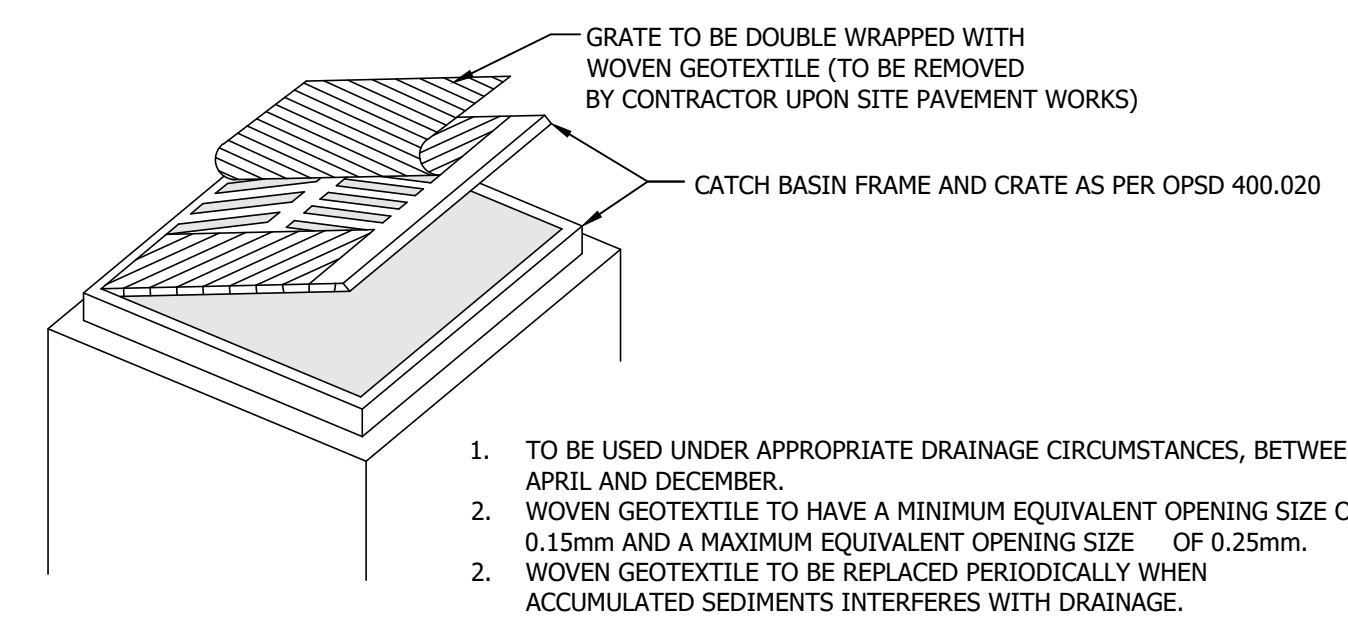
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**SEDIMENT CONTROL NOTES**

1. PROTECT ALL EXPOSED SURFACES AND CONTROL ALL RUNOFF DURING CONSTRUCTION.
2. ALL EROSION CONTROL MEASURES TO BE IN PLACE BEFORE STARTING CONSTRUCTION AND REMAIN IN PLACE UNTIL RESTORATION COMPLETE.
3. MAINTAIN EROSION CONTROL MEASURES DURING CONSTRUCTION.
4. ALL COLLECTED SEDIMENT TO BE DISPOSED OF AT AN APPROVED LOCATION.
5. MINIMIZE AREA DISTURBED DURING CONSTRUCTION.
6. ALL DEWATERING TO BE DISPOSED OF IN AN APPROVED SEDIMENT BASIN.
7. PROTECT ALL CATCHBASINS, MANHOLES AND PIPE ENDS FROM SEDIMENT INTRUSION.
8. KEEP ALL SUMPS CLEAN DURING CONSTRUCTION.
9. PREVENT WIND BLOWN DUST.
10. STRAW BALES TO BE USED IN LOCALIZED AREAS AS SHOWN AND AS DIRECTED BY ENGINEER DURING CONSTRUCTION.
11. ALL SILT FENCING AND DETAILS ARE AT THE MINIMUM TO BE CONSTRUCTED IN ACCORDANCE WITH MINISTRY OF NATURAL RESOURCES GUIDELINES ON EROSION AND SEDIMENT CONTROL FOR URBAN CONSTRUCTION SITES.
12. ALL OF THE ABOVE NOTES AND ANY SEDIMENT & 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.
13. THE CONTRACTOR SHALL INSTALL AND MAINTAIN TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES DURING CONSTRUCTION AND CONDUCT INSPECTIONS ONCE EVERY TWO (2) WEEKS AND AFTER EACH SIGNIFICANT STORM EVENT (A SIGNIFICANT STORM EVENT IS DEFINED AS A MINIMUM OF 25 MILLIMETERS OF RAIN IN ANY 24 HOURS PERIOD). THE INSPECTIONS AND MAINTENANCE OF THE TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES SHALL CONTINUE UNTIL THEY ARE NO LONGER REQUIRED AND AT WHICH TIME THEY SHALL BE REMOVED AND ALL DISTURBED AREAS REINSTATED PROPERLY.
14. THE CONTRACTOR SHALL MAINTAIN RECORDS OF INSPECTIONS AND MAINTENANCE WHICH SHALL BE MADE AVAILABLE FOR INSPECTION BY THE MINISTRY, UPON REQUEST. THE RECORD SHALL INCLUDE THE NAME OF THE INSPECTOR, DATE OF INSPECTION, AND THE REMEDIAL MEASURES, IF ANY, UNDERTAKEN TO MAINTAIN THE TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES.

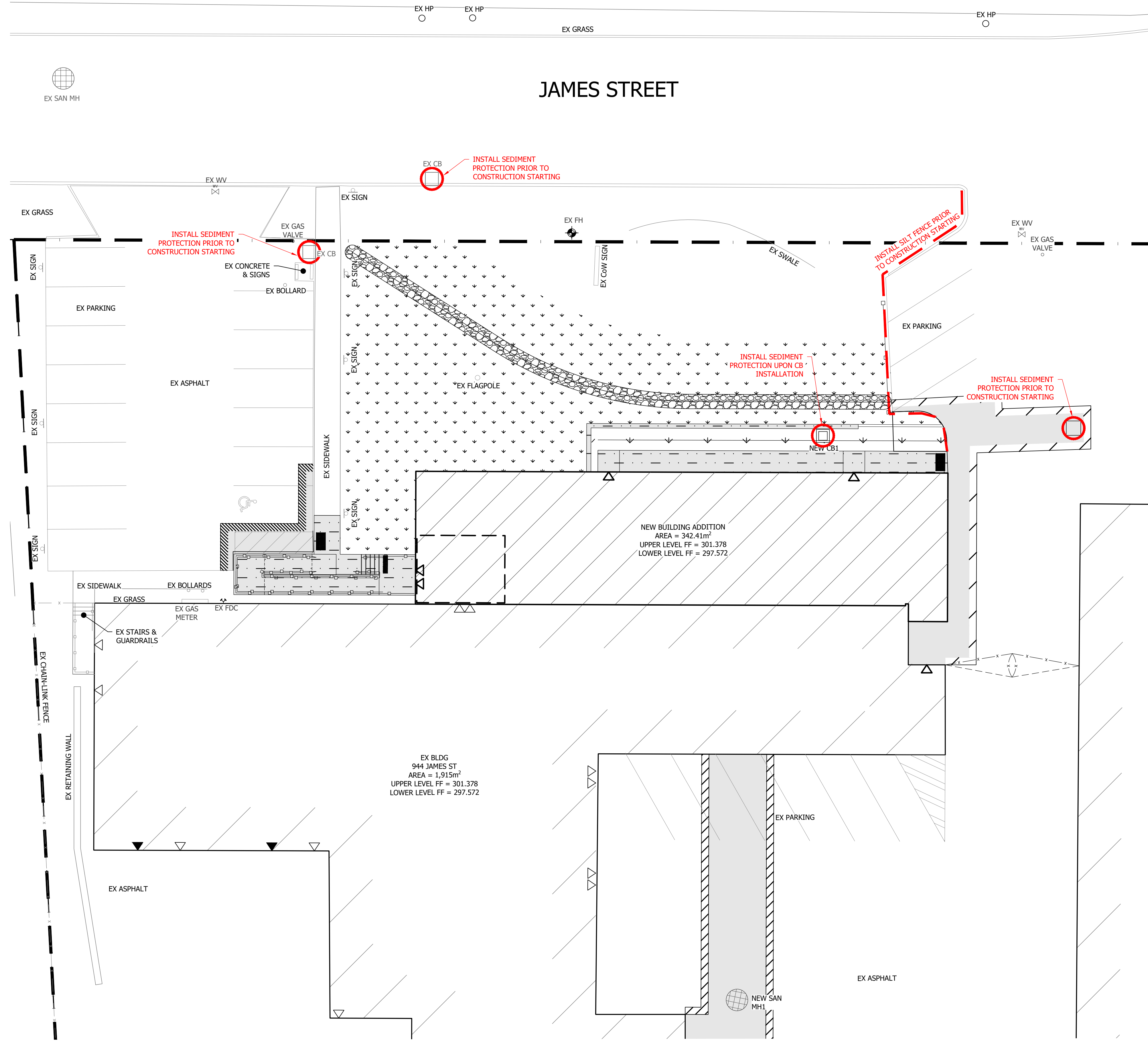


**EROSION CONTROL / SILT FENCE DETAILS**  
 SEE PLAN FOR LOCATION OF FENCE



**CATCHBASIN SEDIMENT PROTECTION DETAIL**  
 (NTS)

1. TO BE USED UNDER APPROPRIATE DRAINAGE CIRCUMSTANCES, BETWEEN APRIL AND DECEMBER.
2. WOVEN GEOTEXTILE TO HAVE A MINIMUM EQUIVALENT OPENING SIZE OF 0.15mm AND A MAXIMUM EQUIVALENT OPENING SIZE OF 0.25mm.
3. WOVEN GEOTEXTILE TO BE REPLACED PERIODICALLY WHEN ACCUMULATED SEDIMENTS INTERFERES WITH DRAINAGE.



**EROSION & SEDIMENT CONTROL PLAN**  
 SCALE: 1:150

No.	DESCRIPTION	DATE
REVISIONS		
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**PUBLIC WORKS DEPARTMENT ADDITION**

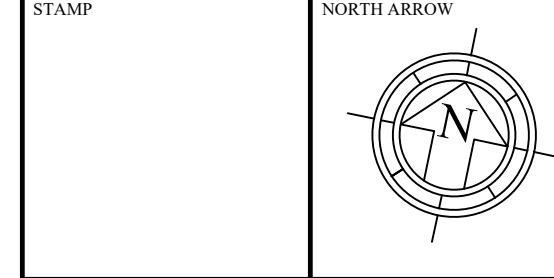
**EROSION & SEDIMENT CONTROL PLAN**

SCALE	DRAWN	CHECKED
AS NOTED	EL	JH/CK
PLOT DATE	PROJECT No	DRAWING No
2023-08-09	21367	ESC

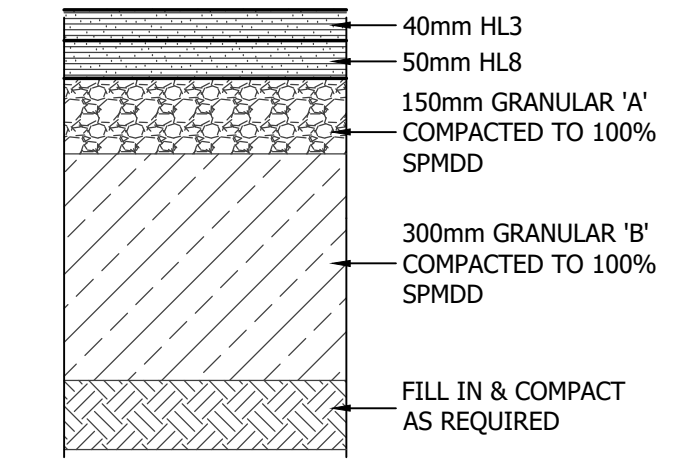
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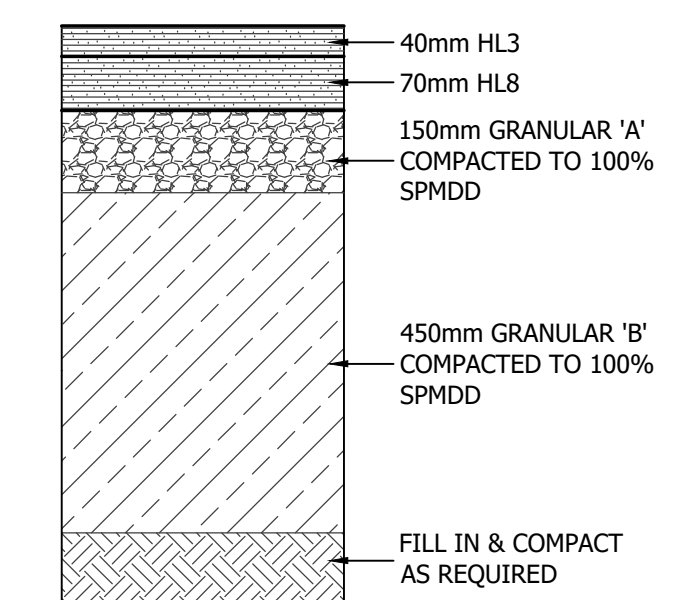
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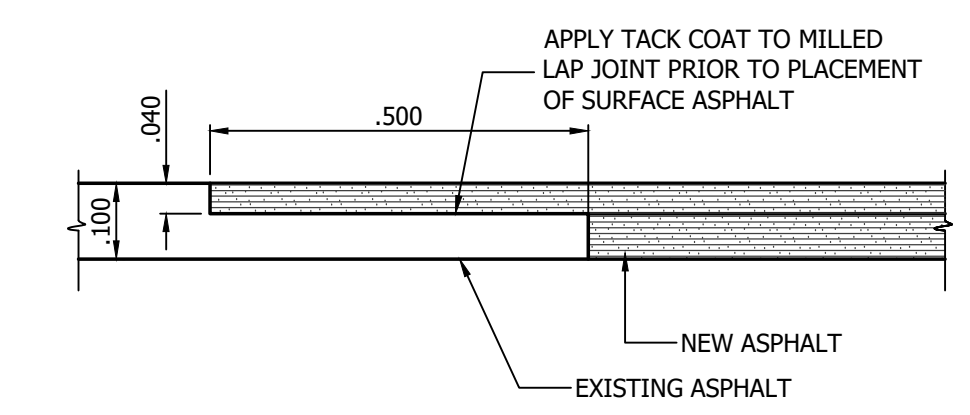
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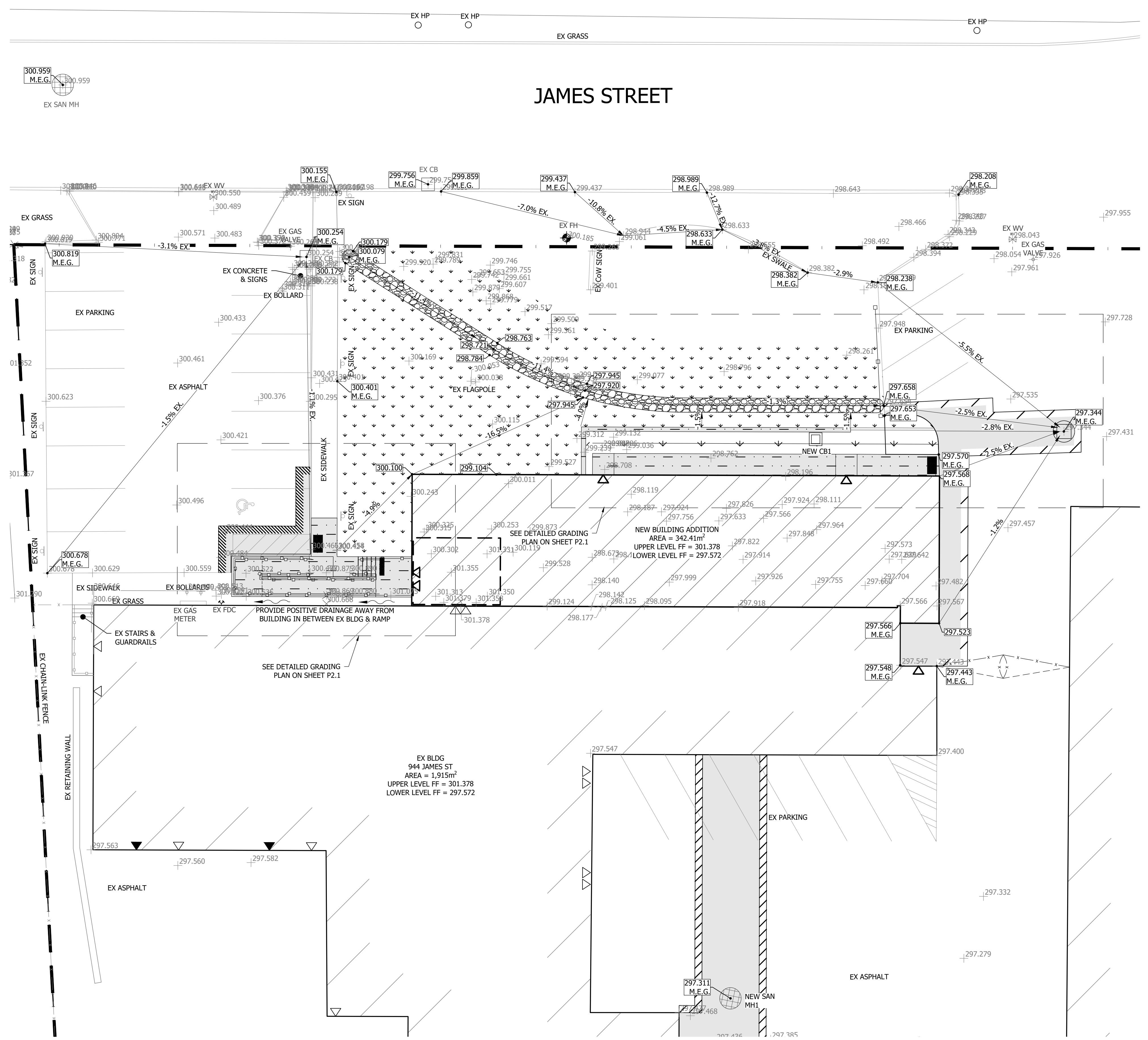
**LIGHT DUTY ASPHALT CONSTRUCTION (NTS)**  
 REFER TO GEOTECHNICAL REPORT BY EXP



**HEAVY DUTY ASPHALT CONSTRUCTION (NTS)**  
 REFER TO GEOTECHNICAL REPORT BY EXP



**MILLED LAP JOINTS (NTS)**  
 500mmx40mm MILLED LAP JOINTS  
 TYPICAL AT ALL NEW ASPHALT ADJACENT TO EXISTING ASPHALT UNLESS OTHERWISE NOTED



**GRADING PLAN**  
 SCALE: 1:150

No.	DESCRIPTION	DATE
REVISIONS		
-	-	-
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**PUBLIC WORKS DEPARTMENT ADDITION**

**GRADING PLAN**

SCALE	DRAWN	CHECKED
AS NOTED	EL	JH/CK
PLOT DATE	PROJECT No	DRAWING No
2023-08-09	21367	P2

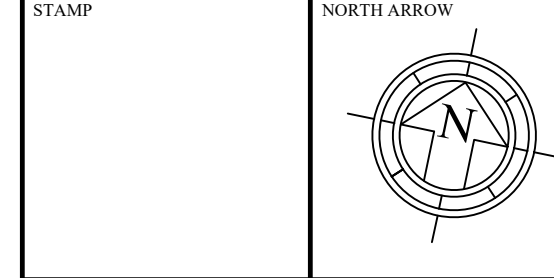
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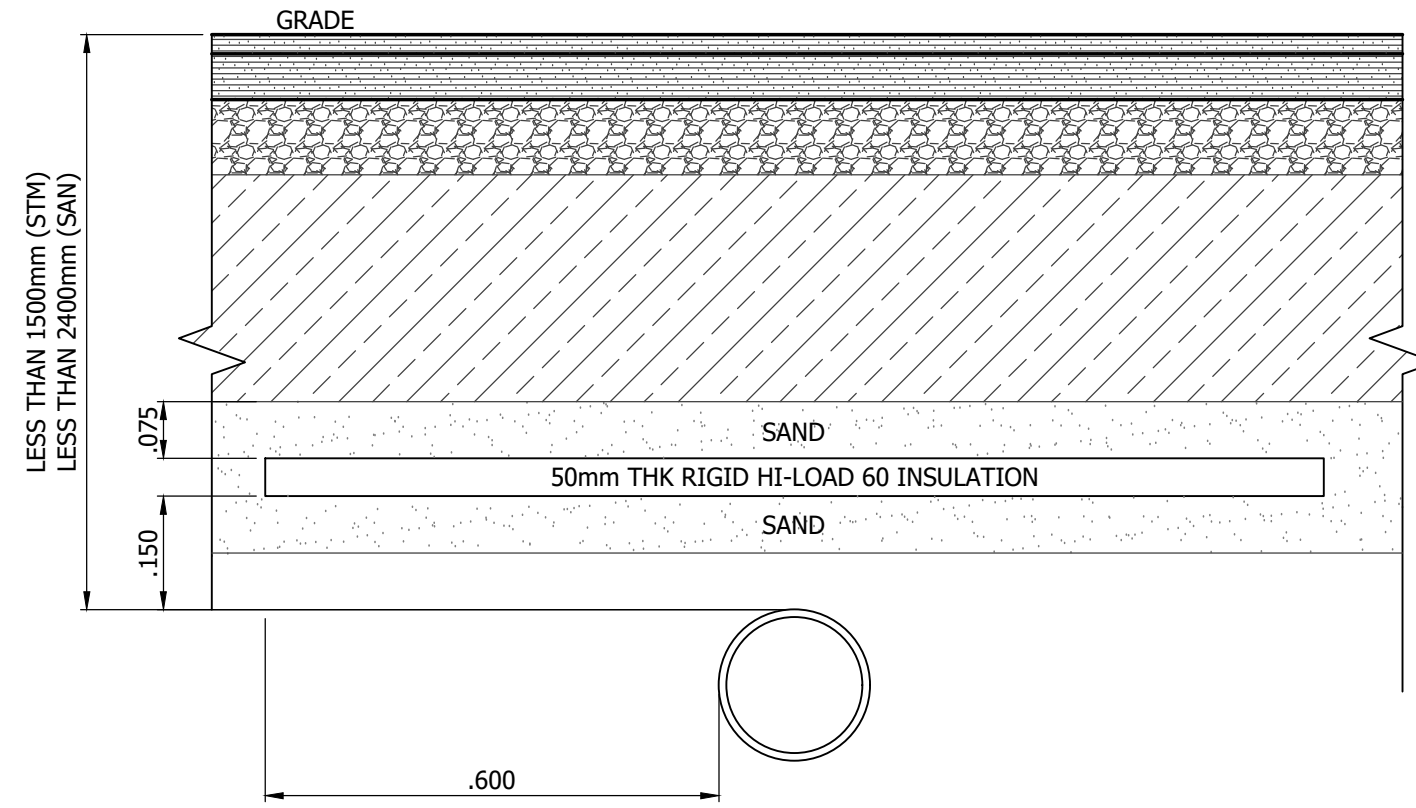
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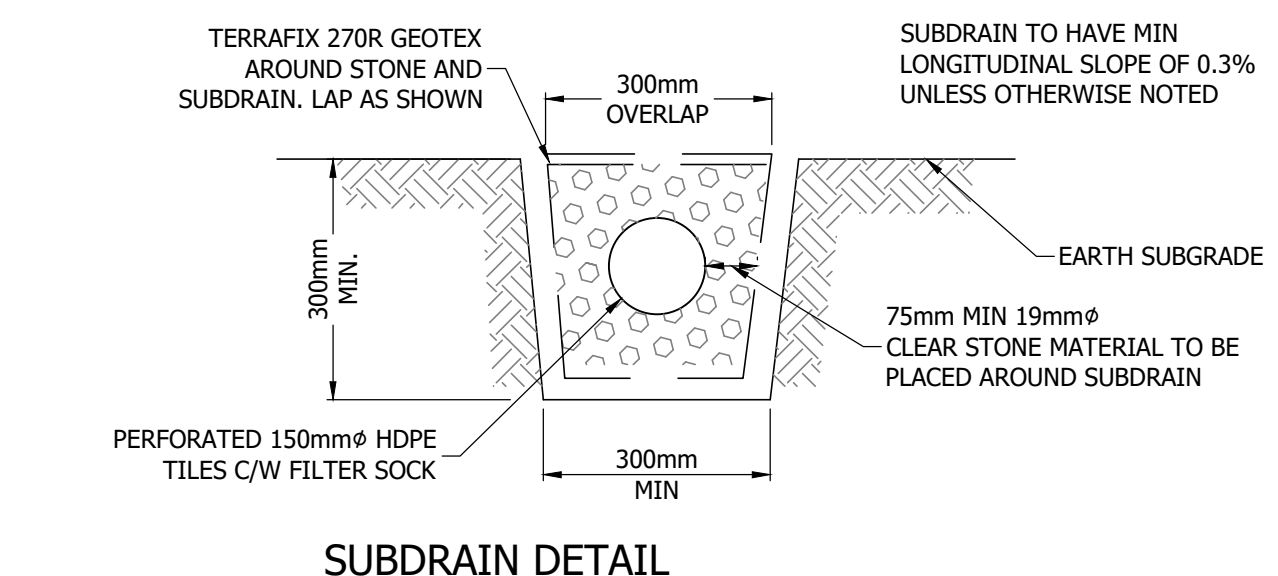
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**SITE SERVICE PLAN GENERAL NOTES**

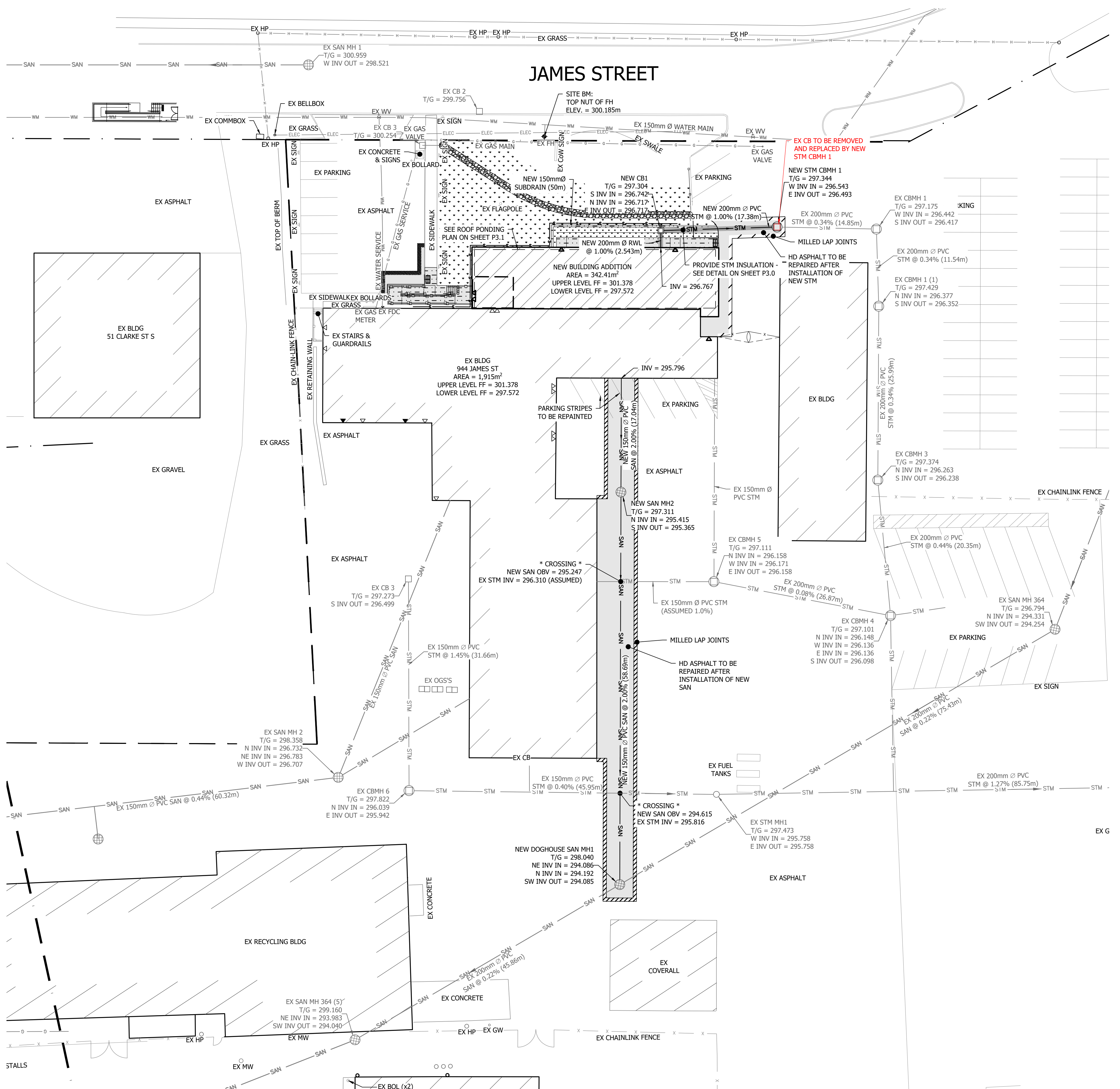
- ALL WORK TO BE DONE TO CITY OF WOODSTOCK MINIMUM STANDARDS AND GUIDE LINES AND COUNTY OF OXFORD DESIGN GUIDELINES AND SUPPLEMENTARY SPECIFICATIONS FOR MUNICIPAL SERVICES (DSSMS).
- ROAD EXCAVATION PERMITS ARE REQUIRED FROM THE CITY OF WOODSTOCK PRIOR TO WORKING WITHIN ANY ROAD ALLOWANCE, LANE, OR EASEMENT. ALL SURFACES WITHIN THE CITY ROAD ALLOWANCE WHICH ARE DISTURBED DURING CONSTRUCTION INCLUDING ROAD, CURB, BOULEVARD AND SIDEWALK SHALL BE RESTORED TO A CONDITION AT LEAST AS GOOD AS ORIGINAL, TO THE SATISFACTION OF THE CITY ENGINEER, ALL AT NO COST TO THE CITY.
- BENCH MARK LOCATION: TOP NUT OF FH AT FRONT OF SITE ALONG JAMES ST. ELEV = 300.185m.
- LOCATION AND DEPTH OF ALL EXISTING UTILITIES TO BE DETERMINED BY THE CONTRACTOR. REPORT ANY CONFLICTS FOUND BETWEEN EXISTING UTILITIES AND PROPOSED SITE WORKS TO SPH ENGINEERING FOR REVIEW. ADDITIONAL INVESTIGATION MAY BE REQUIRED TO CONFIRM LOCATION/DEPTH OF EXISTING UTILITY.
- CONTRACTOR TO COORDINATE ALL NEW REQUIRED UTILITY CONNECTIONS (BELL, ROGERS, INTERNET, HYDRO, GAS, etc.) WITH UTILITY PROVIDERS TO ENSURE ALL REQUIRED CONDUITS, SERVICE TIE-IN LOCATIONS AND INSTALLATION DATES ARE COORDINATED.
- CONFIRM DEPTH AND PIPE TYPE/Ø OF ALL EXISTING INVERTS PRIOR TO COMMENCING CONSTRUCTION OR ORDERING MATERIALS. REPORT ANY DISCREPANCIES TO SPH ENGINEERING FOR REVIEW.**
- STORM & SANITARY PIPE MATERIAL TO BE IPEX RING-TITE PVC DR35 FOR 450mmØ AND SMALLER. PIPE LARGER THAN 450mmØ IS TO BE REINFORCED CONCRETE. CAN ALSO USE BOSS 2000 OR BOSS POLYTITE FOR STORM - CHECK FIRST
- STORM & SANITARY PIPE SMALLER THAN 150mmØ SHALL BE GASKETED PVC DR28. SANITARY PIPE LESS THAN 150mmØ SHALL BE GREEN IN COLOUR. LENGTHS SHOWN ON PLAN ARE APPROXIMATE AND MUST BE CONFIRMED ON SITE.
- MINIMUM COVER FOR THE STORM SEWER PIPE SHALL BE 1500mm. PROVIDE HIGH LOAD 60 RIGID INSULATION IF COVER IS LESS THAN SPECIFIED. REFER TO PIPE INSULATION DETAIL.
- MINIMUM COVER FOR THE SANITARY SEWER PIPE SHALL BE 2400mm AS PER THE COUNTY OF OXFORD DSSMS. INSULATION DETAILS SHALL BE AS PER THE COUNTY OF OXFORD DSSMS.
- CULVERTS ARE TO BE GALVANIZED HEL-COR 68x13x2.8 CORRUGATED METAL PIPE (CMP) OR HDPE BOSS 2000 BY ARMTAC
- WATER SERVICE TO BUILDING TO BE MUNICEPX - C904 PIPE WITH TRACER WIRE OR HDPE - C901 PIPE WITH TRACER WIRE OR PVC - C900 CLASS 150 WITH TRACER WIRE. MINIMUM COVER FOR THE WATERMAIN PIPE SHALL BE 1800mm AS PER THE COUNTY OF OXFORD DSSMS. DEFLECT WATER MAIN UNDER SEWER PIPING CROSSINGS. FOR VERTICAL CLEARANCE PROVIDE MIN 500mm WHEN WATER SERVICE IS BELOW SEWER AND 500mm WHEN WATER SERVICE IS ABOVE SEWER. CLEAR HORIZONTAL DISTANCE FOR SEWER AND WATER SERVICE LOCATED PARALLEL TO EACH OTHER IS 3.0m. ADDITIONAL INSULATION MAY BE REQUIRED AT STORM SEWER CROSSINGS TO MITIGATE RISK OF FREEZING, COORDINATE WITH SPH ENGINEERING FOR REVIEW ON SITE.
- ALL WATERWORKS CONSTRUCTION SHALL BE AS PER COUNTY OF OXFORD DSSMS
- NEW STORM AND SANITARY MANHOLES ARE TO BE BENCHED. EXISTING STORM AND SANITARY MANHOLES TO HAVE TROUGHS CUT INTO EXISTING BENCHING OR RE-BENCHED TO ACCOMMODATE NEW SERVICES.
- PROVIDE MINIMUM 48 HOURS NOTICE TO CITY ENGINEER FOR INSPECTION. (BY CONTRACTOR)
- ENGINEER TO INSPECT SEWERS AND WATER MAIN INSTALLATION PRIOR TO BACKFILLING. INSUFFICIENT OR NON-NOTIFICATION MAY REQUIRE RE-EXCAVATION OF SEWER OR WATER MAIN FOR INSPECTION.
- STORM AND SANITARY STRUCTURES AND LIDS ARE TO CONFORM TO CURRENT OPSD STANDARDS
- STORM SEWER CATCH BASINS ARE TO BE 600x600 WITH 600mm DEEP SUMP AS PER OPSD 705.010, 705.020, OR 705.030 c/w SUB DRAIN KNOCK OUTS.
- CATCH BASIN LIDS ARE TO BE AS PER OPSD 400.020
- (2) 3m LONG SUB DRAINS ARE TO BE INSTALLED AT ALL NEW CBS AND CBMHs AS PER COUNTY OF OXFORD DSSMS.
- STORM SEWER MAINTENANCE HOLES ARE TO BE 1200mmØ AS PER OPSD 701.010 UNLESS OTHERWISE NOTED OR 1500mmØ AS PER OPSD 701.011
- MAINTENANCE HOLE LIDS ARE TO BE AS PER OPSD 401.010 (TYPE A)
- CONTRACTOR TO CONTACT SPH ENGINEERING INC. TO REVIEW SHOP DRAWING SUBMISSION REQUIREMENTS.



**PIPE INSULATION DETAIL (NTS)**  
 (DETAIL SHOWN FOR BELOW ASPHALT CONSTRUCTION. DETAIL APPLIES FOR LANDSCAPED AREAS ALSO)



**SUBDRAIN DETAIL**



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

NOTES:  
 - CONTRACTOR TO COORDINATE ALL SERVICING WORK WITH CITY OF WOODSTOCK PRIOR TO COMMENCING TO MINIMIZE DISRUPTION

No.	DESCRIPTION	DATE
REVISIONS		
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
5	TENDER	2024-07-25
4	CLIENT REVIEW	2024-07-19
3	UTRCA REVIEW	2024-04-23
2	CLIENT REVIEW	2024-04-22
1	ISSUED FOR 60% REVIEW	2024-02-23
No.	DESCRIPTION	DATE
ISSUED		

**SPH ENGINEERING INC.**  
 REAL WORLD ENGINEERING SOLUTIONS  
 485037 SWEABURG ROAD  
 WOODSTOCK, ONTARIO  
 N4S 7V6  
 TEL: 519-539-5700  
 www.spheng.com



**PUBLIC WORKS DEPARTMENT ADDITION**

**SERVICING PLAN**

SCALE	DRAWN	CHECKED
AS NOTED	EL	JH/CK
PLOT DATE	PROJECT No	DRAWING No
2023-08-09	21367	P3

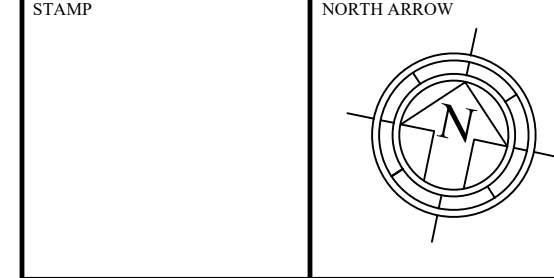
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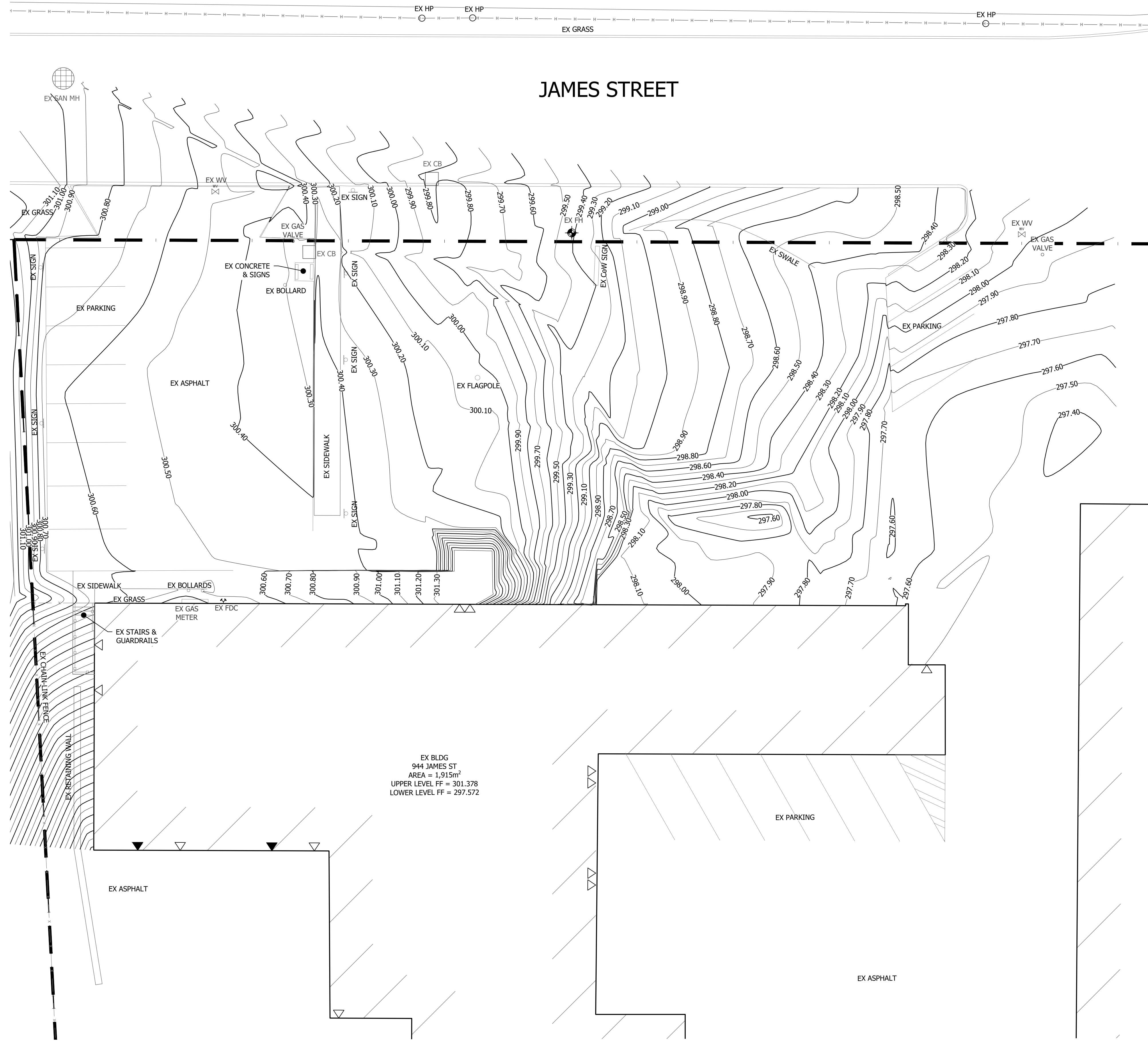




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REFERENCES:  
 - TOPOGRAPHICAL SURVEYS BY SPH ENGINEERING (10/2023), (11/2023)  
 - BASE DRAWINGS PROVIDED BY THE CITY OF WOODSTOCK



EXISTING CONTOUR PLAN  
 SCALE: 1:250

No.	DESCRIPTION	DATE
ISSUED		
5	TENDER	2024-07-25
4	CLIENT REVIEW	2024-07-19
3	UTRCA REVIEW	2024-04-23
2	CLIENT REVIEW	2024-04-22
1	ISSUED FOR 60% REVIEW	2024-02-23
ISSUED		

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PROJECT  
**PUBLIC WORKS  
 DEPARTMENT  
 ADDITION**

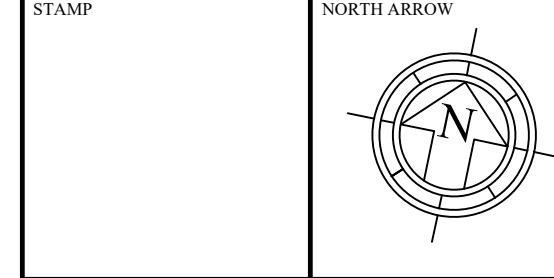
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**EXISTING  
 CONTOUR PLAN**

SCALE	DRAWN	CHECKED
AS NOTED	EL	JH/CK
PLOT DATE	PROJECT No	DRAWING No
2023-08-09	21367	<b>P4</b>

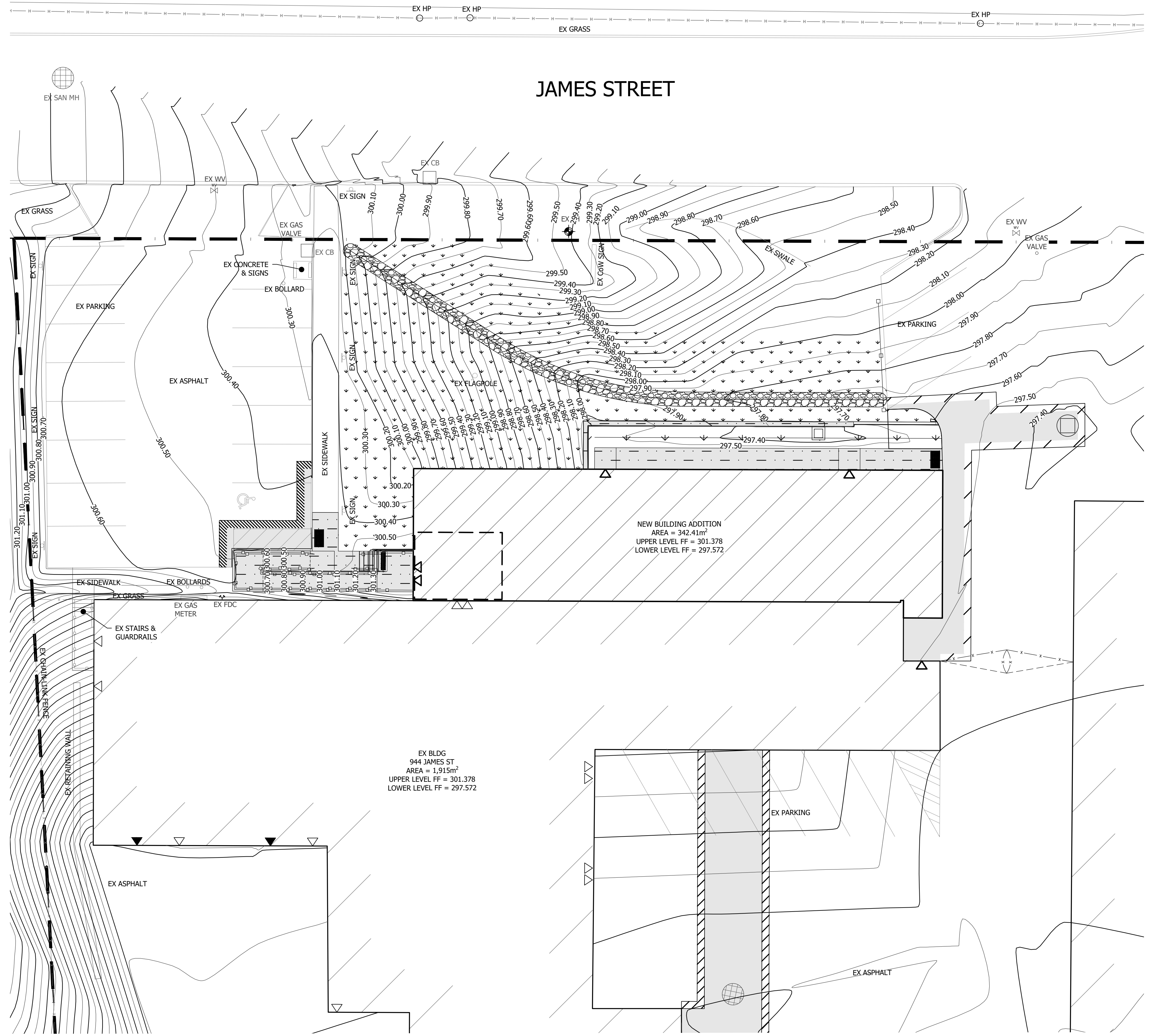
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PROPOSED CONTOUR PLAN  
 SCALE: 1:250

No.	DESCRIPTION	DATE
ISSUED		
REVISIONS		
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
5	TENDER	2024-07-25
4	CLIENT REVIEW	2024-07-19
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PROJECT  
**PUBLIC WORKS  
 DEPARTMENT  
 ADDITION**

TITLE  
**PROPOSED  
 CONTOUR PLAN**

SCALE	DRAWN	CHECKED
AS NOTED	EL	JH/CK
PLOT DATE	PROJECT No	DRAWING No
2023-08-09	21367	P5

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