

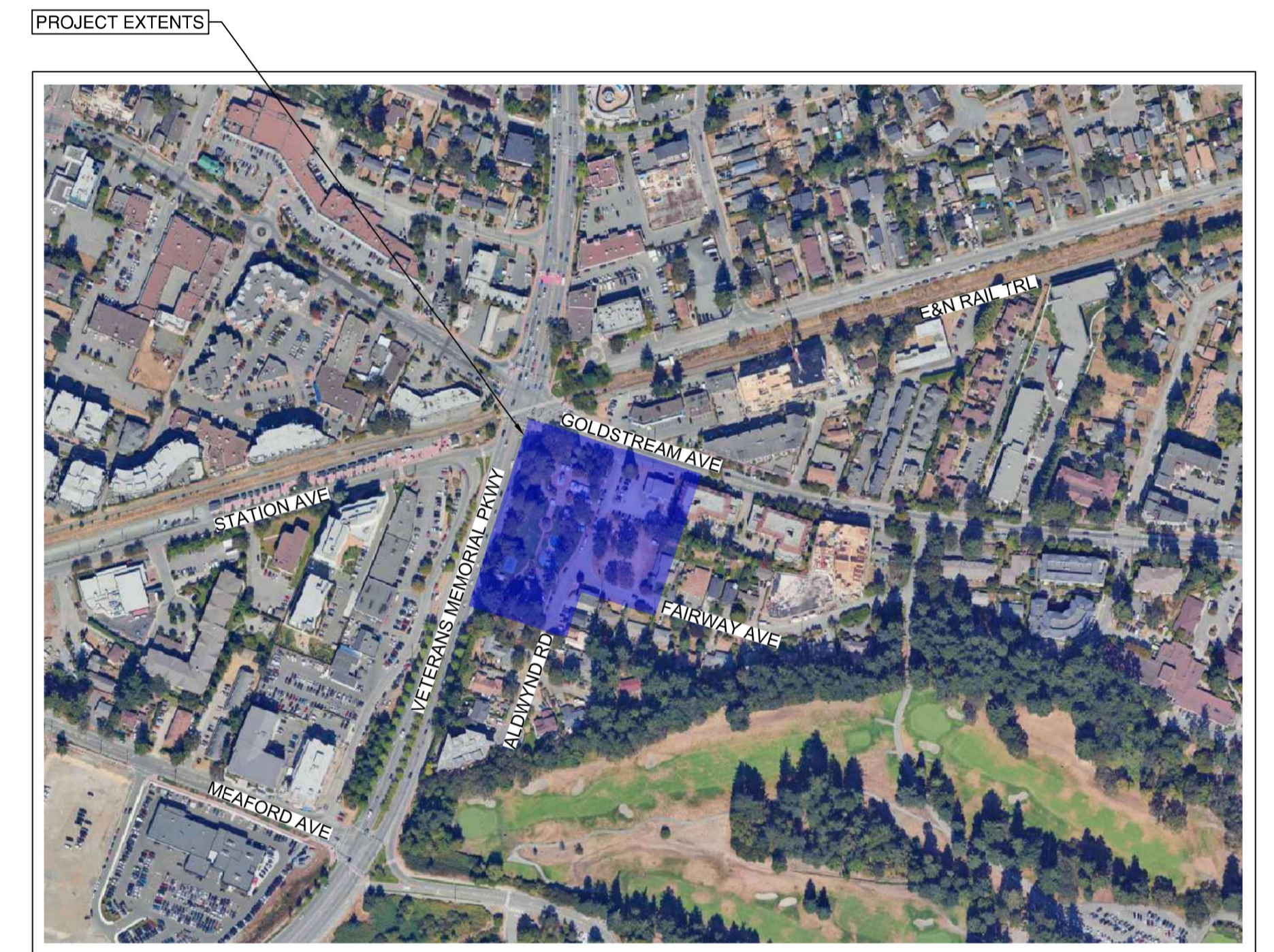
CITY OF LANGFORD

VETERANS MEMORIAL PARK EXPANSION

ISSUED FOR NEGOTIATED REQUEST FOR PROPOSAL
MARCH 2026

PLOT DATE: March 11, 2026

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LOCATION PLAN
NTS

File: Z:\Shared\Projects\3400\3440\34472_LCL_Veterans_Memorial_Park_Eng\print02_CADD\02_Drafting\202_Production\34472_VMPark_SHEETSET.dwg



1051 Vancouver St, Victoria, BC V8V 3K3
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Permit to Practice
ISL Engineering and Land Services Ltd.

RR Signature: _____
RR EGBC ID: 45121
Date: 2026-03-11

Permit Number 1000419
Engineers & Geoscientists British Columbia

34472 DATUM-GEODETTIC
BENCHMARK: MON. 03H2510
MEAFORD AVE. & VETERAN'S MEMORIAL PKWY
ELEV = 70.728m

GENERAL NOTES:

- ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH:
 - THE MASTER MUNICIPAL CONSTRUCTION DOCUMENT AND STANDARD DETAIL DRAWINGS (MMCD 2019), EXCEPT AS OTHERWISE NOTED IN THESE DRAWINGS OR THE CONTRACT DOCUMENTS;
 - THE CITY OF LANGFORD BYLAW 1000;
 - APPLICABLE CONTRACT DOCUMENTS AND ALL SPECIFICATIONS REFERENCED THEREIN;
 - MINISTRY OF TRANSPORTATION AND TRANSIT "BC TRAFFIC CONTROL MANUAL FOR WORK ON ROADWAYS", LATEST EDITION; AND
 - WORKSAFEBC, LATEST EDITION.
- THE CONTRACTOR SHALL MAINTAIN ON SITE COPIES OF THE ABOVE DOCUMENTS AND SHALL ENSURE THAT ALL SUB CONTRACTORS ARE THOROUGHLY FAMILIAR WITH THE APPLICABLE SECTIONS OF THE DOCUMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DISPOSAL OF ALL EXCAVATED MATERIAL UNSUITABLE FOR REUSE AT A SUITABLE OFFSITE DISPOSAL AREA, IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.
- THE CONTRACTOR SHALL REPAIR OR REPLACE ANY EXISTING ROAD SURFACES, SERVICES, SIGNS, LANDSCAPING, DRIVEWAY LETDOWNS, PRIVATE LANDSCAPING, OR PRIVATE IMPROVEMENTS THAT MAY BE DAMAGED AS A RESULT OF CONSTRUCTION. REPAIRS TO EXISTING CITY SERVICES SUCH AS WATER, SANITARY SEWER, STORM SEWER, AND STREET OR TRAFFIC LIGHTING MAY BE MADE BY THE OWNER AT COST TO THE CONTRACTOR. REPAIRS TO EXISTING SURFACE WORKS MAY BE DONE BY THE CONTRACTOR AT THE DISCRETION OF THE CONTRACT ADMINISTRATOR.
- THE LOCATION OF EXISTING UTILITIES IS COMPILED FROM OWNER AND UTILITY SUPPLIED RECORD DRAWINGS AND ARE CONSIDERED APPROXIMATE ONLY. THE EXACT LOCATION AND EXTENT OF UTILITIES SHOULD BE DETERMINED BY CONSULTING THE LOCAL AUTHORITIES AND UTILITY COMPANIES CONCERNED.
- REPORT ANY DISCREPANCIES TO THE CONTRACT ADMINISTRATOR A MIN OF 72 HOURS PRIOR TO CONSTRUCTION TO ENSURE THAT THE LINE AND GRADE OF THE PROPOSED WORK CAN BE ADJUSTED TO SUIT FIELD CONDITIONS AS REQUIRED.
- RESTORATION OF EXISTING DRIVEWAYS, CURBS, STAIRS AND WALKWAYS TO CONFORM TO CITY SPECIFICATIONS AND TO BE INCIDENTAL TO THE UNIT PRICES IN THE CONTRACT.
- EVERY EFFORT IS TO BE MADE TO SAVE EXISTING LANDSCAPING WITHIN THE ROAD R.O.W. LANDSCAPING IS TO BE RESTORED TO ITS ORIGINAL OR BETTER CONDITION, IN THE EVENT OF LANDSCAPING REMOVAL THE PROPERTY OWNER SHALL BE ADVISED OF THE REMOVAL AND THE LANDSCAPING PLACED IN OWNERS PROPERTY UPON THEIR REQUEST.
- ALL SURVEY MONUMENTS, SURVEY PINS, OR LEAD PLUGS WITHIN THE PROJECT BOUNDARIES SHALL BE PROTECTED DURING THE COURSE OF THE WORK. SHOULD ANY SURVEY MONUMENT REQUIRE RAISING OR RELOCATION, THE CONTRACTOR SHALL NOTIFY THE OWNER'S ENGINEERING AND OPERATIONS DEPARTMENT AT LEAST 5 BUSINESS DAYS IN ADVANCE OF SCHEDULING WORK.
- ALL ELEVATIONS ARE GEODETIC AND REFERENCED TO INTEGRATED SURVEY MONUMENT ELEVATIONS LOCATED ON ROAD RIGHT-OF-WAYS.
- ALL PUBLIC ROADWAYS AFFECTED BY THE WORKS SHALL BE KEPT IN A CLEAN STATE AT ALL TIMES AND FREE OF EQUIPMENT AND MATERIALS AT ALL TIMES WHEN CONSTRUCTION ACTIVITY IS NOT UNDERWAY. DUST CONTROL MEASURES SHALL ALSO BE EMPLOYED AS DIRECTED BY THE CONTRACT ADMINISTRATOR.
- THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES, AND FOR COORDINATING THE VARIOUS PARTS OF THE WORK. THE CONTRACTOR IS RESPONSIBLE TO ENSURE THAT THERE IS NO DISRUPTION TO SERVICE. IF DISRUPTION IS ANTICIPATED, TO NOTIFY THE CONTRACT ADMINISTRATOR A MINIMUM OF 72 HOURS PRIOR, AND OBTAIN APPROVAL FOR THE DISRUPTION.
- THE CONTRACTOR SHALL PROVIDE TEMPORARY WARM MIX ASPHALT PATCHING TO MMCD REQUIREMENTS AT LOCATIONS SPECIFIED IN THE CONTRACT DOCUMENTS. TEMPORARY ASPHALT PATCHING THICKNESS SHALL MATCH THE EXISTING ASPHALT THICKNESS WITH A MINIMUM OF 75mm AND SHALL MEET THE EXISTING ASPHALT SURFACE. USE OF COLD MIX IS NOT ACCEPTABLE. TEMPORARY PATCHING OF SIDEWALKS AND CURBS AND GUTTERS IS ALSO TO BE MADE WITH WARM MIX AND MEET THE EXISTING SURFACE.
- ALL CONCRETE AND ASPHALT IDENTIFIED FOR REMOVAL IS TO BE DISPOSED OFFSITE UNLESS OTHERWISE NOTED.
- THE CONTRACTOR IS TO PROVIDE LAYOUT NAILS AND STAKES c/w RAW POINTS DATA IN PNEZD FORMAT 5 DAYS PRIOR TO CONSTRUCTION. ALL LAYOUT NAILS FOR CURB WORK ARE TO BE INSTALLED IN THE ROADWAY AT AN OFFSET APPROVED BY THE CONTRACT ADMINISTRATOR. INCLUDE GRADE SHEETS FOR ALL PARKING LOT, ROADWAY, SIDEWALKS, WALKWAYS AND PATHWAYS.
- CONTRACTOR SHALL COORDINATE WITH CITY FORCES, WESTSHORE CHAMBER OF COMMERCE CONTRACTOR, PRIVATE DEVELOPMENTS AND OTHER RELEVANT PARTIES FOR THE DURATION OF THE PROJECT SCHEDULE. THIS MAY INCLUDE BUT IS NOT LIMITED TO SHARED ROAD OCCUPANCY WITH THIRD PARTY CONTRACTORS WHILE COMPLETING WORKS ON THE RIGHT OF WAY AND WHILE ACCESSING PRIVATE PROPERTY. THE CONTRACTOR SHALL ALLOW FOR THIS OCCUPANCY AND COORDINATE THEIR WORKS TO MITIGATE ANY CONFLICTS WHILE MAINTAINING PUBLIC ACCESS TO THE RIGHT OF WAY.

CONCRETE NOTES:

- NO CONCRETE WORKS SHALL BE ALLOWED IF THE CURRENT TEMPERATURE ON SITE IS BELOW 5°C OR ABOVE 32°C.
- IF TEMPERATURES ARE EXPECTED TO DROP BELOW FREEZING WITHIN THE 5 DAY WINDOW FOLLOWING A CONCRETE POUR A THERMAL BLANKET WILL BE REQUIRED TO MAINTAIN CONCRETE TEMPERATURES.
- IF CONCRETE IS POURED AT TEMPERATURES ABOVE 25°C IT SHALL BE SPRAYED WITH WATER 5 TIMES PER DAY AT REASONABLE INCREMENTS BETWEEN THE HOURS OF 10am AND 3pm.
- CONCRETE WORKS TO BE COMPLETED DURING RAIN EVENTS MAY BE ALLOWED AT THE DISCRETION OF THE CONTRACT ADMINISTRATOR. IN THE EVENT THAT CONCRETE IS POURED DURING A RAIN EVENT THE CONTRACTOR SHALL PROVIDE A PLASTIC COVERING THAT IS MAINTAINED TO PROTECT THE CONCRETE FOR A MINIMUM OF 24 HOURS.
- THE CONTRACTOR IS RESPONSIBLE FOR THE MONITORING OF FRESHLY POURED CONCRETE TO ENSURE NO DAMAGE IS CAUSED. ANY DAMAGE OR DEFAECATION OF FRESHLY POURED CONCRETE SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE.
- ALL CONCRETE TO BE COVERED WITH WET CLOTH/BURLAP AND POLY TOP FOR 7 TO 10 DAYS IMMEDIATELY FOLLOWING THE CONCRETE INSTALLATION FOR CONCRETE CURING. THE CONTRACTOR SHALL ENSURE THE CLOTH AND POLY ARE SECURED AT ALL TIMES.

ENVIRONMENTAL NOTES:

- ALL INLET STRUCTURES IN PROXIMITY TO TRENCH WORK OR EXPOSED ROAD BASE WILL BE FITTED WITH MANUFACTURED INLET CONTROL DEVICES AND OR 'FILTER SACK' TYPE CATCHBASIN CONTROL (OR APPROVED ALTERNATIVE). CONTROL DEVICES TO BE MAINTAINED IN A FULLY FUNCTIONAL STATE AT ALL TIMES.
- INLET CONTROL DEVICES (I.E. FILTER SACKS) MUST HAVE A MINIMUM 8" DROP FROM SURFACE OF THE CATCHBASIN.
- UNDER NO CIRCUMSTANCES ARE CATCHBASINS TO BE FITTED WITH GEOTEXTILE SHEATHS CUT FROM STOCKPILE ROLLS.
- AVOID EARTH DISTURBING ACTIVITIES DURING SUBSTANTIAL RAIN EVENTS.
- AVOID STOCKPILING SOILS, SANDS AND OTHER ERODIBLE MATERIALS ONSITE. IT IS PREFERABLE TO "HOT-LOAD" SOIL DIRECTLY INTO TRUCKS FOR OFFSITE DISPOSAL. IF TEMPORARY WASTE OR SOIL STOCKPILES ARE NECESSARY, MAKE SURE THEY ARE FULLY COVERED WITH TARPS AND WEIGHTED WITH SANDBAGS.
- TRACKING OF SEDIMENT, SOIL AND/OR ROADBASE FROM WORKSITE TO VEHICLE TRAVEL LANES MUST BE PREVENTED.
- ROADS MUST BE SWEEPED CLEAN OF SOIL, LOOSE ROAD BASE, EARTH AND SEDIMENT. MECHANICAL SWEEPING IS PREFERRED TO MANUAL SWEEPING. HOWEVER, FREQUENT HAND SWEEPING IS PREFERABLE TO ONCE DAILY MECHANICAL SWEEPING.
- THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT NO SEDIMENT OR SEDIMENT LADEN WATER IS DISCHARGED FROM THE WORKS TO THE OWNER'S DRAINAGE SYSTEM.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO DEVELOP AND PROVIDE TO THE OWNER THE FOLLOWING ENVIRONMENTAL SUBMITTALS WITHIN 15 DAYS AFTER NOTICE OF AWARD:
 - SPILL RESPONSE PLAN THAT PROVIDES WRITTEN SAFE WORK PROCEDURES IN THE EVENT OF A SPILL
 - AN EMERGENCY SPILL KIT WILL BE KEPT ONSITE AT ALL TIMES THE CONTRACTOR IS OPERATING. SPILL KITS MUST INCLUDE BOOMS, SPILL PADS, GLOVES, AND CATCHBASIN BARRIERS. A SPILL KIT WITH AT LEAST 125 LITRES ABSORBENCY IS RECOMMENDED. SANDBAGS AND A SUPPLY OF SAND MUST BE KEPT ONSITE.
 - AN EROSION AND SEDIMENT CONTROL PLAN (ESC).
 - THE CONTRACTOR IS TO HAVE ONSITE SODIUM THIOSULPHATE TO TREAT CHLORINATED WATER IN THE EVENT OF A WATER MAIN BREAK.

TRAFFIC MANAGEMENT, NOTIFICATION AND APPROVALS NOTES:

- THE CONTRACTOR SHALL PROVIDE CONSTRUCTION SIGNAGE, BARRIERS, FLASHING INDICATORS ACCORDING TO MOTT, BC TRAFFIC MANAGEMENT MANUAL FOR WORK ON ROADWAYS (LATEST EDITION) & WORKSAFE BC REGULATIONS AT ALL TIMES TO ENSURE THE SAFETY OF THE PUBLIC. TRAFFIC CONTROL WILL BE REQUIRED FOR ALL CONSTRUCTION WORKS WITHIN THE TRAVELED PORTION OF THE ROAD. NO ROAD SHALL BE CLOSED WITHOUT WRITTEN CONSENT FROM THE CITY OF LANGFORD. DRIVEWAY ACCESS TO BE MAINTAINED AT ALL TIMES.
- THE CONTRACTOR SHALL ENSURE THAT ALL APPROVALS REQUIRED FOR THE PROPOSED WORKS HAVE BEEN OBTAINED FROM ALL AUTHORITIES AND AGENCIES PRIOR TO COMMENCING THE WORK.
- THE CONTRACTOR SHALL ARRANGE FOR, AND COORDINATE THE WORKS DONE BY:
 - OWNER; AND
 - FRANCHISE UTILITIES.
- THE CONTRACTOR SHALL MAKE CONTACT WITH THE APPROPRIATE PERSONNEL AT LEAST 72 HOURS PRIOR TO THE WORK. SCHEDULING AND OTHER CONSTRUCTION CONSTRAINTS IMPOSED BY THESE WORKS SHALL BE TAKEN INTO ACCOUNT.
- RESIDENTS DIRECTLY AFFECTED BY CONSTRUCTION OF THESE WORKS SHALL BE GIVEN MINIMUM 5 DAYS WRITTEN NOTICE OF THE PROPOSED START OF CONSTRUCTION. THE CONTRACTOR IS TO DISTRIBUTE A NOTICE OF CONSTRUCTION LETTER TO ALL AFFECTED RESIDENTS AND BUSINESSES. LETTER TO DIRECT INQUIRIES TO CONTRACT ADMINISTRATOR. FOLLOWING CONSTRUCTION ACTIVITY ON ANY PRIVATE PROPERTY, A WRITTEN RELEASE MAY BE REQUIRED FROM THE PROPERTY OWNER AT THE DISCRETION OF THE OWNER.
- ACCESS TO ALL PRIVATE PROPERTIES AND BUSINESSES MUST BE MAINTAINED FOR VEHICULAR AND PEDESTRIAN TRAFFIC. WHERE ACCESS IS AFFECTED, THE CONTRACTOR SHALL PROVIDE A MINIMUM 24 HOUR NOTICE TO ANY RESIDENT OR BUSINESS BEFORE STARTING WORK
- A TRAFFIC AND PEDESTRIAN SAFETY CONTROL PLAN SHALL BE SUBMITTED BY THE CONTRACTOR PRIOR TO THE PRE CONSTRUCTION MEETING AND APPROVED PRIOR TO ISSUE OF NOTICE TO PROCEED.
- CONTRACTOR TO SUBMIT A TRAFFIC MANAGEMENT PLAN (TMP), WHICH ENSURES SINGLE LANE ALTERNATING TRAFFIC SHALL BE MAINTAINED AT ALL TIMES. NO PROVISIONS FOR TRAFFIC DELAYS SHALL BE MADE OTHER THAN THOSE REQUIRED TO ALLOW TRAFFIC TO FLOW IN THE ALTERNATE DIRECTION.
- NOTICE OF CONSTRUCTION SIGNS TO BE INSTALLED AT ALL PROJECT LIMITS AND PREFERRED DETOUR ROUTES. NOTIFY CONTRACT ADMINISTRATOR WITH CONSTRUCTION SCHEDULE AND LOCATIONS. SIGNS PROVIDED AND INSTALLED BY CONTRACTOR.
- APPROVAL OF NOISE VARIANCE FOR ALL WORK OUTSIDE OF NORMAL APPROVED WORK HOURS REQUIRED BY THE OWNER.
- LAP JOINTS ARE TO BE INSTALLED AT ALL LIMITS OF CONSTRUCTION.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR COMPLETION OF ALL PERMANENT PAINT AND THERMOPLASTIC PAVEMENT MARKINGS IN THE PLACE OF THE WORK. PERMANENT LANE MARKINGS ARE TO BE PLACED WITHIN 72 HOURS OF FINAL PAVING AND PERMANENT THERMOPLASTIC PAVEMENT MARKINGS ARE TO BE PLACED WITHIN 5 DAYS OF FINAL PAVING.
- ALL TEMPORARY MARKINGS ARE TO BE REMOVED IMMEDIATELY FOLLOWING INSTALLATION OF THE PERMANENT MARKINGS.
- APPROVALS FOR REQUIRED TREE CUTTING OR TRIMMING NOT INDICATED IN CONTRACT DRAWINGS SHALL BE OBTAINED BY THE CONTRACTOR FROM THE OWNER PRIOR TO WORK BEING PERFORMED.

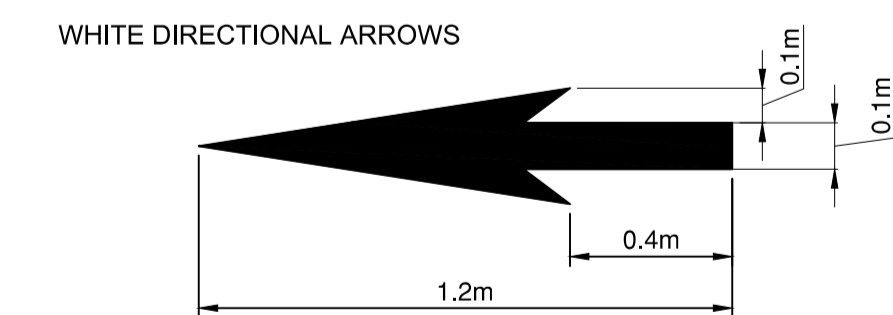
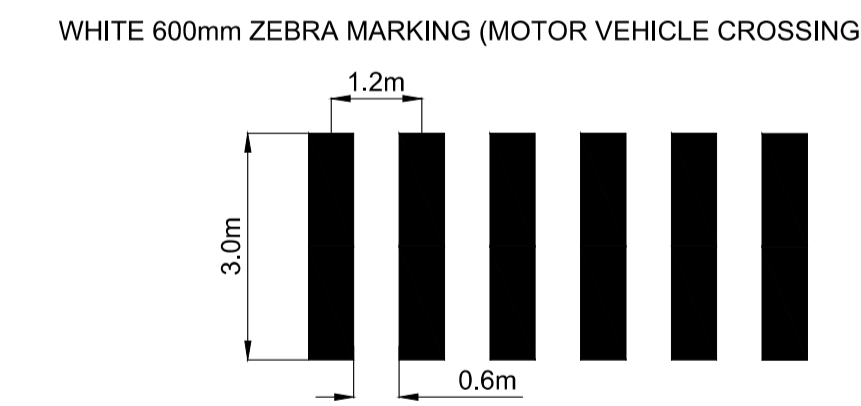
LEGEND:

PAVEMENT DETAILS

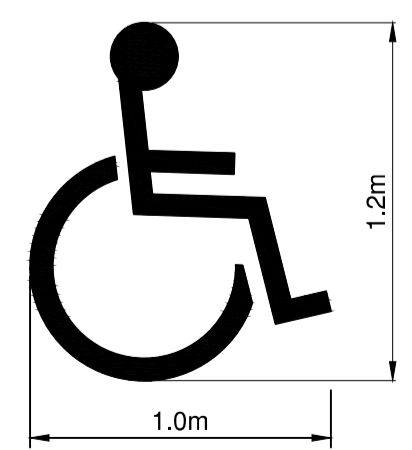


SIGNAGE DETAILS

RA-1
600mm x 600mm



WHITE 100mm ACCESSIBLE STALL MARKING



NOTES:

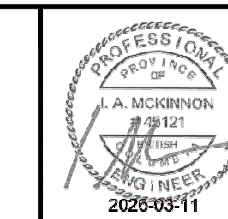
- ALL PAVEMENT MARKINGS AND SIGNS PER THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION UNLESS STATED OTHERWISE. ALL REGULATORY AND SAFETY SIGNAGE PER TRANSPORTATION ASSOCIATION OF CANADA'S BIKEWAY TRAFFIC CONTROL GUIDELINES FOR CANADA, LATEST EDITION UNLESS STATED OTHERWISE. ALL PAVEMENT MARKINGS TO BE THERMOPLASTIC UNLESS OTHERWISE SPECIFIED.
- ALL SIGNS TO BE DIAMOND GRADE.
- ALL SIGN POSTS TO BE CAPPED
- ALL PAVEMENT MARKINGS ARE NOT TO SCALE.
- ALL BIKE STENCILS INCLUDING BIKE SYMBOLS, SHARROWS, DIRECTIONAL CHEVRONS, RESERVED SYMBOL DIAMONDS AND ARROWS, ETC. TO BE MMA. ALL WALKS AND OTHER SYMBOLS SHALL BE PERFORMED TORCH ON THERMOPLASTIC STENCILS THAT WILL REQUIRE SURFACE CLEANING/HEATING AND APPLICABLE SEALER APPLIED BEFORE APPLICATIONS. SEALER SHALL ONLY BE OMITTED WHEN NEW ASPHALT IS HIGHLIGHTED WITHIN OUR CIVIL SCOPE FOR THE STENCIL LOCATION.
- BALL SIGN/POST HARDWARE TO BE STAINLESS STEEL C/W 2 WASHERS PER BOLT AND A VINYL LOCKING NUT. NUTS SHALL BE REPLACED IF REMOVED.
- ALL NEW SIGN INSTALLATIONS IN BOULEVARD LOCATIONS SHALL INCLUDE A PROPER BASE AND SITE PREPARATION TO PREVENT MOVEMENT
- ALL SIGN POSTS SHALL HAVE A SLEEVE INSTALLED C/W SUITABLE BOLT (TO PREVENT SIGN ROTATION) WITH SUFFICIENT THREADS TO ALLOW VINYL LOCKING NUT TO BE FULLY THREADED.

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REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPRD
1	ISSUED FOR NRFP	260206	RB	BO



GENERAL NOTES AND DETAILS



1051 Vancouver St, Victoria, BC V8V 3K3
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SCALE		DESIGN NO.		DWG. NO.
NTS		260206		
DRAWN BY	RB	DESIGN BY	RB	OF
CHECKED BY	BO	APPROVED BY	IM	08
PLOT DATE	February 25, 2026			REV. 1

34472

ISSUED FOR NRFP

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REFER TO SHEET 06 FOR GOLDSTREAM AVE CURB AND GUTTER PROFILE AND DETAILS

STORM SERVICE CONNECTIONS (TYP.)

INSTALL 1.2m DIAMETER, 3.0m DEEP VERTICAL SEEPAGE PIT IN 4.0m DIAMETER PIT AS PER CITY OF LANGFORD DWG SD-7, SHEET 08 (TYP.); SEEPAGE PIT PERCOLATION TEST REQUIRED PRIOR TO CONSTRUCTION (PROVIDE RESULTS TO CONTRACT ADMINISTRATOR MIN 3 WEEKS PRIOR TO CONSTRUCTION)

DESIGN VEHICLE (PASSENGER CAR) AND CONTROL VEHICLE (FIRE TRUCK) TESTED FOR ALL TURNING MOVEMENTS THROUGH INTERSECTION

PROJECT EXTENTS (TYP.)

REFER TO SHEET 04 FOR PARKING LOT DETAILS

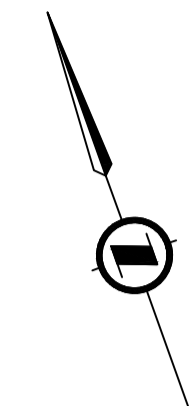
APPROXIMATE BOUNDS OF SRW REQUIRED BY CRD AND BC HYDRO/TELUS ALONG CLOSURE OF ALDWYND ROAD

WATER SERVICE AND METER BOX FOR RV PEDESTALS BY CRD. CONTRACTOR TO PROVIDE ALL EQUIPMENT AND LABOUR FOR EXCAVATION AND BACKFILL. CONTRACTOR TO COORDINATE WITH CRD FOR INSTALLATION

SANITARY SERVICE CONNECTION AND INSPECTION CHAMBER BY OTHERS (WSES); CONTRACTOR TO COORDINATE AND COMPLETE PLUMBING CONNECTION BETWEEN SERVICE CONNECTION AND WASHROOM; REFER TO SHEET 06 FOR SANITARY LOCATION DETAILS

WATER SERVICE AND METER BOX TO BE REUSED FOR WASHROOM BUILDING. EXACT LOCATION OF SERVICE AND METER BOX TO BE DETERMINED BY CONTRACTOR. CONTRACTOR TO PROVIDE ALL EQUIPMENT AND LABOUR FOR EXCAVATION AND BACKFILL. CONTRACTOR TO COORDINATE WITH CRD FOR RELOCATION OF WATER SERVICE AND METER BOX. FINAL METER BOX LOCATION TO BE WITHIN 1.00m OF WASHROOM BUILDING

REFER TO SHEET 05 FOR CIVIL ROAD WORKS PLANS



PLAN
SCALE: 1:500



CONFIRM UNDERGROUND LOCATIONS WITH UTILITY COMPANIES

THE LOCATION AND ELEVATION OF THE EXISTING UNDERGROUND INFRASTRUCTURE SHOWN ON THIS DRAWING MAY NOT BE ACCURATE OR COMPLETE. THE ACTUAL HORIZONTAL AND VERTICAL LOCATIONS MUST BE CONFIRMED PRIOR TO THE START OF

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SURFACE WORKS

SITE OVERVIEW



ISSUED FOR NRFP DESIGN NO.

34472

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PLOT DATE	February 25, 2026			



REMOVALS NOTES

1. ALL REMOVAL ITEMS TO BE DISPOSED OFF-SITE UNLESS NOTED OTHERWISE.
2. REFER TO ELECTRICAL DRAWINGS FOR REMOVALS / UPGRADES TO EXISTING LUMINAIRE, SIGNALS, AND ASSOCIATED APPURTENANCES.
3. REFER TO SHEET 04-05 FOR SIGNAGE REMOVALS AND RELOCATIONS.
4. ALL PERMITS AND COSTS FOR UTILITY RELOCATIONS ARE THE RESPONSIBILITY OF THE CONTRACTOR.
5. SAWCUTS AND ASPHALT RESTORATION ASSOCIATED WITH ELECTRICAL WORKS NOT SHOWN.
6. PRIOR TO ANY ASPHALT MILLING OR REMOVAL, CONTRACTOR TO REVIEW WITH CONTRACT ADMINISTRATOR TO ASSESS WHETHER LOCALIZED FULL DEPTH ASPHALT RESTORATION IS REQUIRED. ANY ADDITIONAL REMOVAL WILL BE AN EXTRA TO THE CONTRACT.

REMOVALS LEGEND

- ASPHALT REMOVAL - FULL DEPTH (VARIOUS THICKNESS)
- GRAVEL AND SOIL REMOVAL (VARIOUS THICKNESS)
- CONCRETE REMOVAL - FULL DEPTH (VARIOUS THICKNESS)
- STRIPPING AND TOPSOIL REMOVAL
- PAVER REMOVAL AND SALVAGE (VARIOUS TYPES)

CITY OF LANGFORD TO COORDINATE DECOMMISSIONING OF EXISTING WELLHOUSE AND REMOVAL OF SWING SET

REMOVALS
SCALE: 1:500



CONFIRM UNDERGROUND LOCATIONS WITH UTILITY COMPANIES

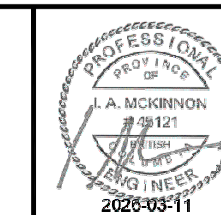
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SURFACE WORKS

REMOVALS



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CONFIRM UNDERGROUND LOCATIONS WITH UTILITY COMPANIES
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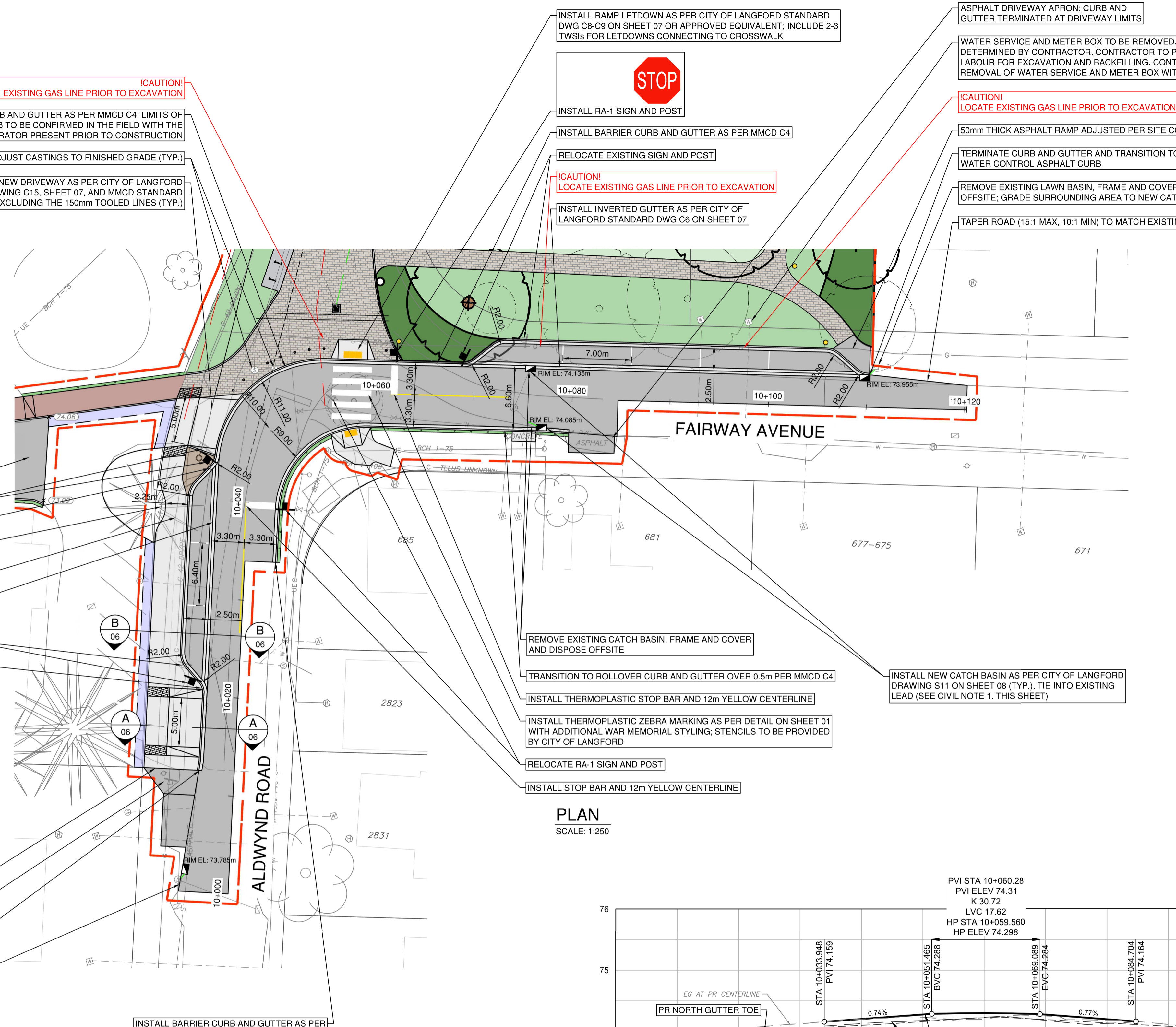


SURFACE WORKS

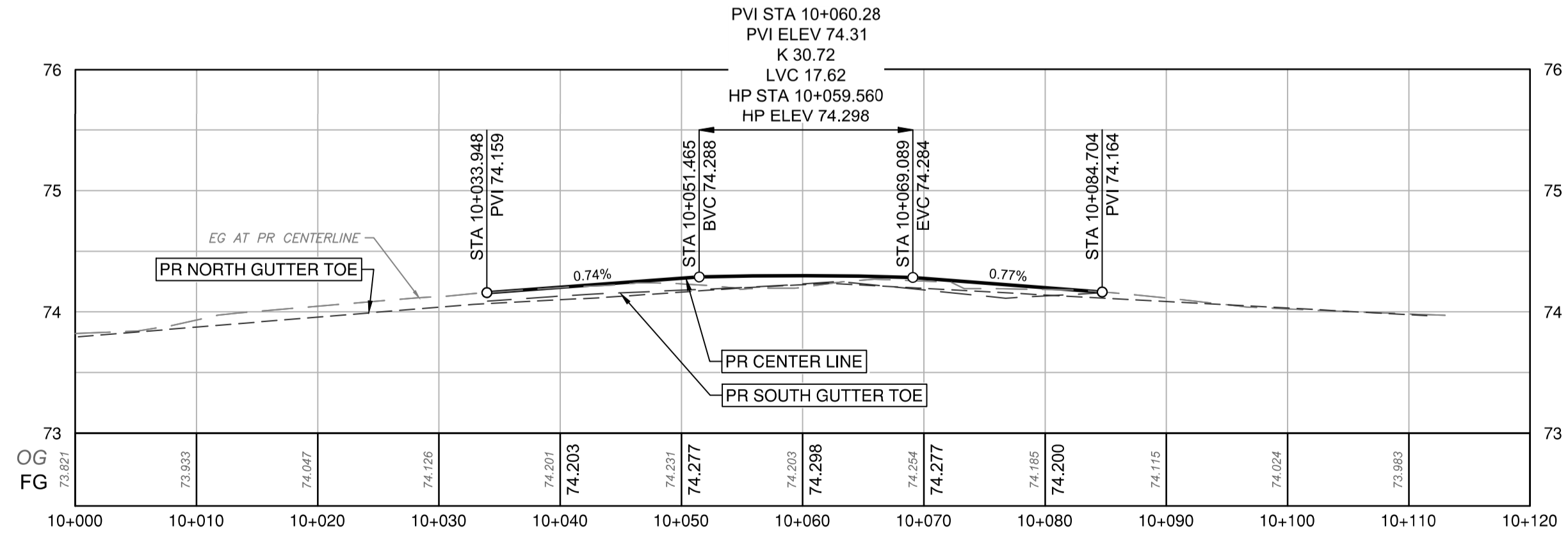
ROAD WORKS



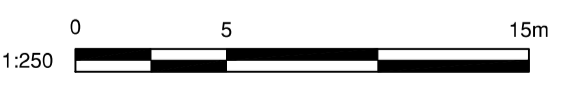
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PLOT DATE	March 11, 2026				



PLAN
SCALE: 1:250



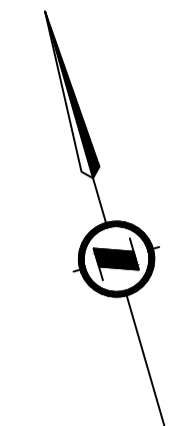
CENTER LINE PROFILE
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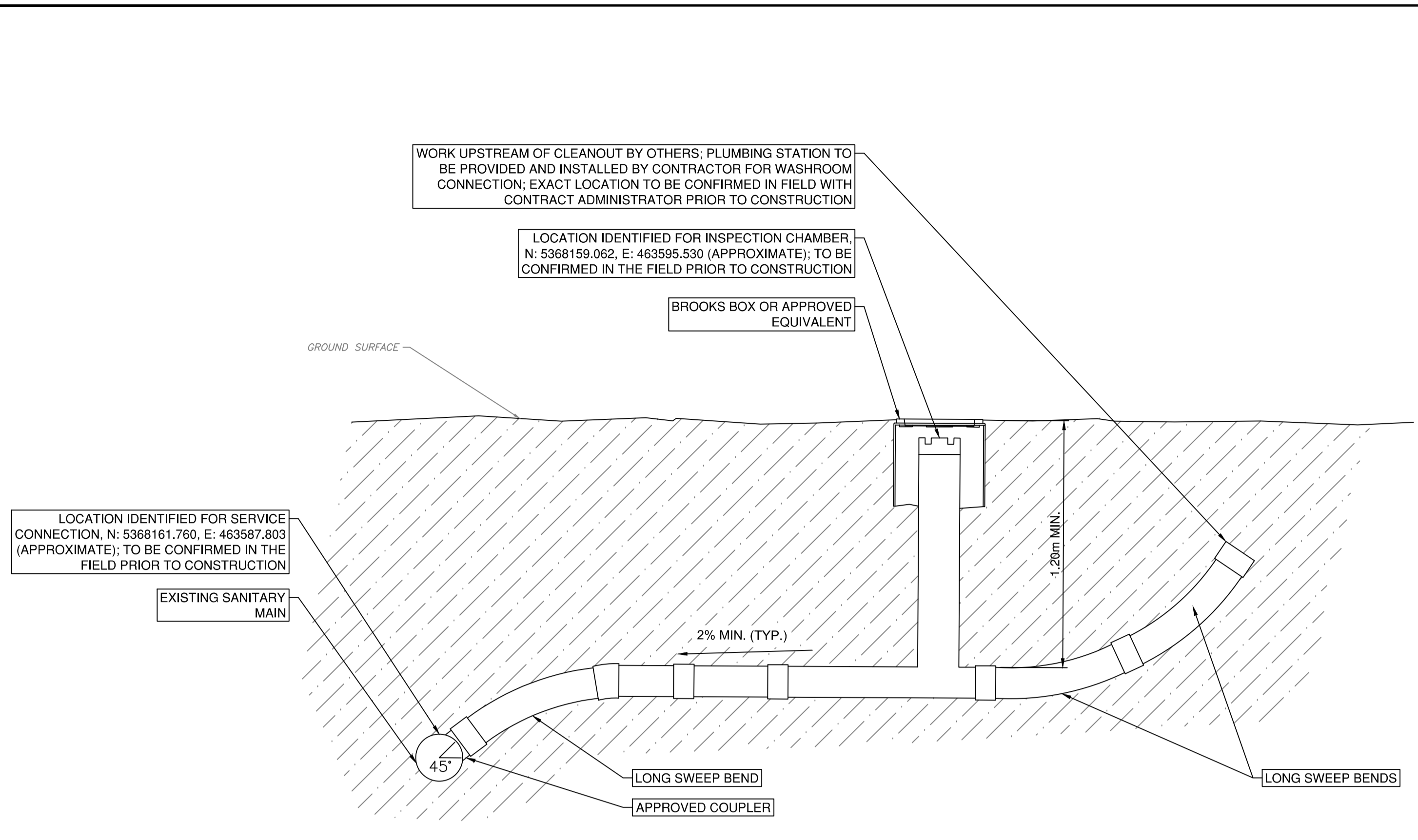


CIVIL LEGEND

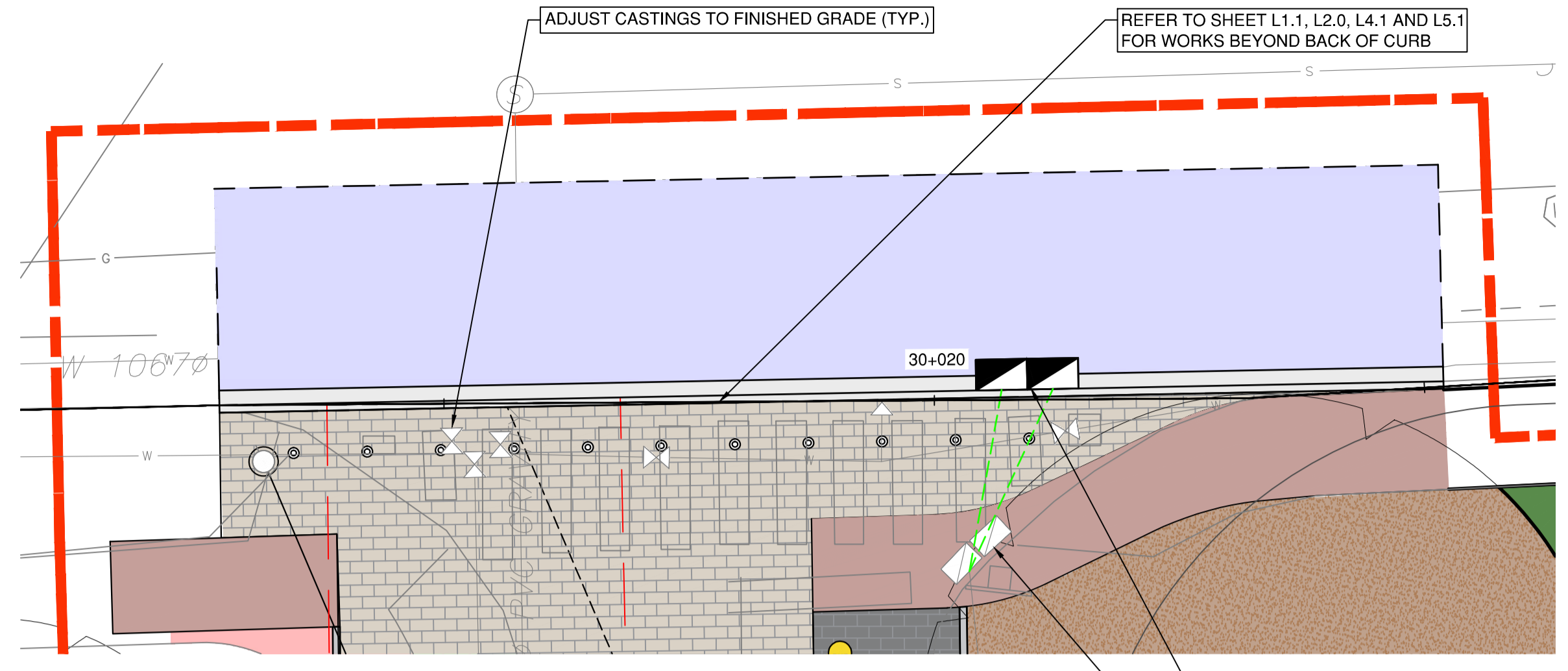
- 150mm OF TOPSOIL AND GRASS SEED
- RESTORE TO MATCH EXISTING LANDSCAPE BED
- SAWCUT AND REMOVE EXISTING ASPHALT. SUPPLEMENT WITH CRUSHED GRANULAR BASE AND PLACE 50mm THICK UPPER COURSE #1
- NEW 100mm THICK CONCRETE ON MINIMUM OF 100mm OF GRANULAR BASE
- NEW 50mm ASPHALT, 100mm OF 20mm MINUS CRUSHED GRANULAR BASE, AND 200mm OF 80mm MINUS PIT RUN GRAVEL PLACED ON COMPACTED SUBGRADE
- 150mm STAMPED CONCRETE (TWO BRICK WIDE STAMPED PATTERN)
- FINISH MATERIALS BY LANDSCAPE

- CIVIL NOTES**
- CONTRACTOR TO CONFIRM CONDITION OF EXISTING CATCH BASIN LEADS WITH PUSH CAMERA AND/OR CCTV INSPECTION PRIOR TO CONNECTION.
 - CATCH BASIN LEADS TO BE 150mm DIA. PVC DR28. USE LONG SWEEP BENDS IF NECESSARY.
 - CATCH BASIN RIM ELEVATION TO BE SET 25mm BELOW PROPOSED FINISHED GRADE ELEVATION.
 - PROVIDE GRADE SHEETS FOR ALL CURB AND SURFACE WORKS 5 DAYS IN ADVANCE OF CONSTRUCTION.

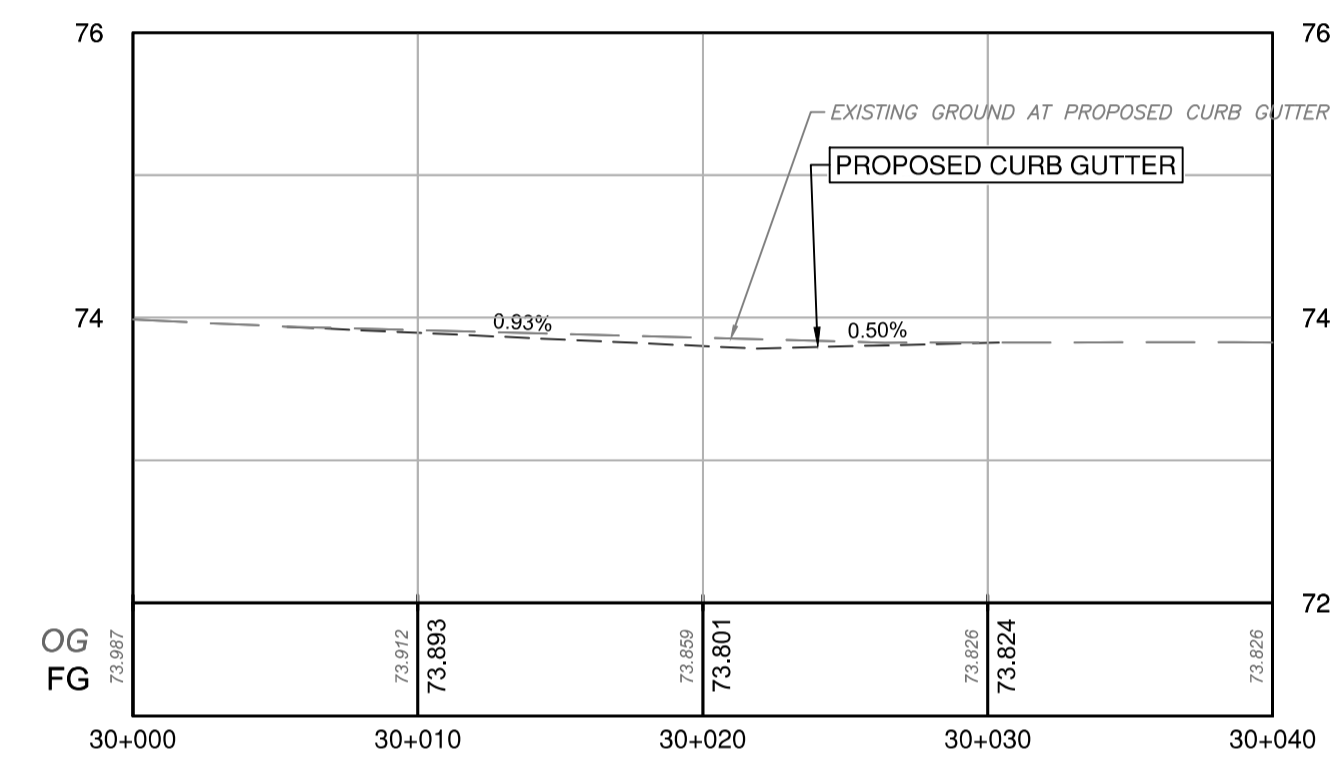




SANITARY SERVICE CONNECTION DETAIL
SCALE: NTS

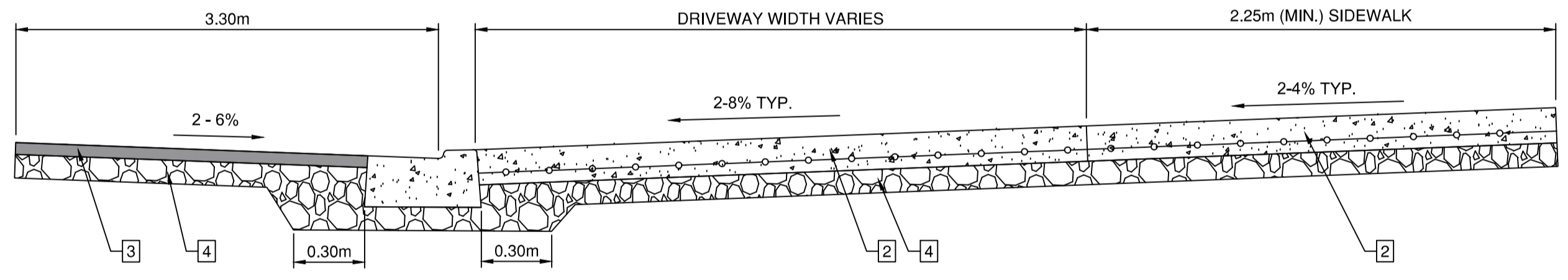


GOLDSTREAM AVE CURB RETURN
SCALE: 1:100



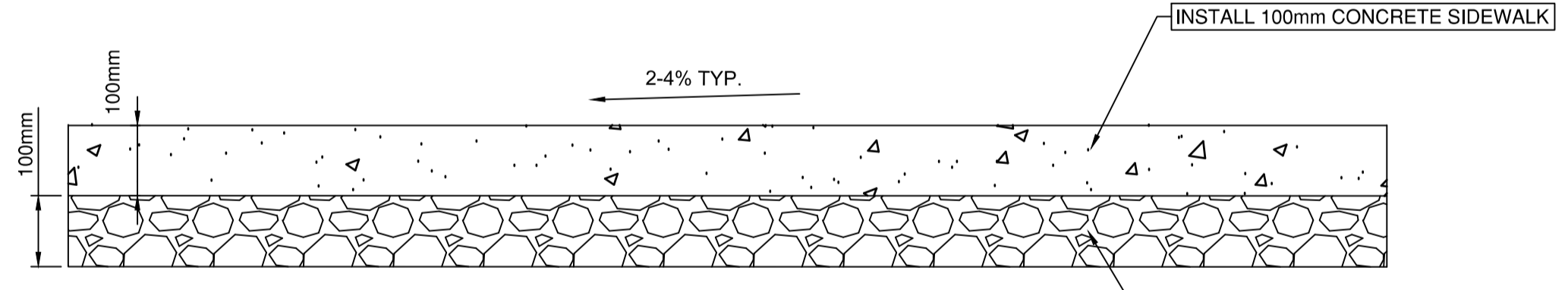
GOLDSTREAM AVE CURB RETURN PROFILE
SCALE: 1:250 (5H:1V)

- CIVIL NOTES**
1. CONTRACTOR TO CONFIRM CONDITION OF EXISTING CATCH BASIN LEADS WITH PUSH CAMERA AND/OR CCTV INSPECTION PRIOR TO CONNECTION.
 2. CATCH BASIN LEADS TO BE 150mm DIA. PVC DR28. USE LONG SWEEP BENDS IF NECESSARY.
 3. CATCH BASIN RIM ELEVATION TO BE SET 25mm BELOW PROPOSED FINISHED GRADE ELEVATION.
 4. PROVIDE GRADE SHEETS FOR ALL CURB AND SURFACE WORKS 5 DAYS IN ADVANCE OF CONSTRUCTION.

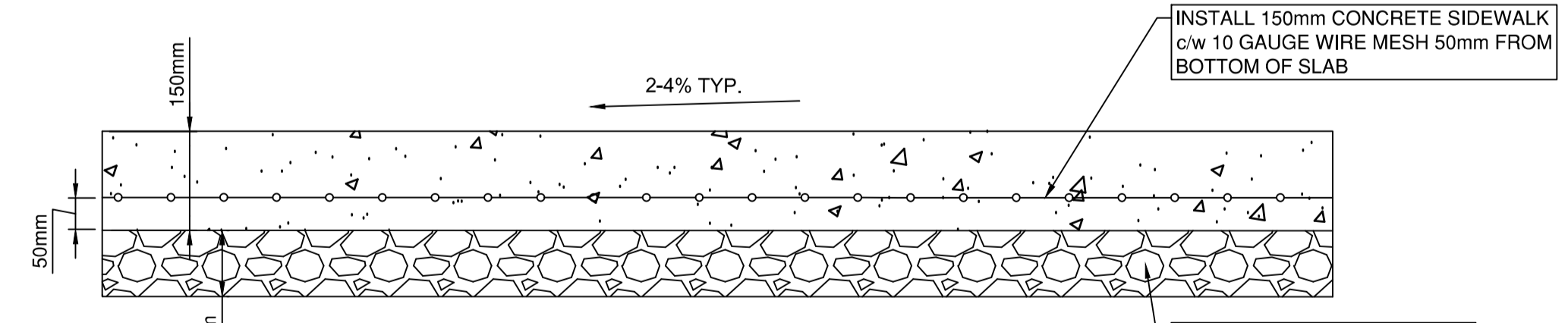


SECTION A-A: ROLLOVER CURB WITH GUTTER AND DRIVEWAY, AND SIDEWALK DETAIL
SCALE: NTS

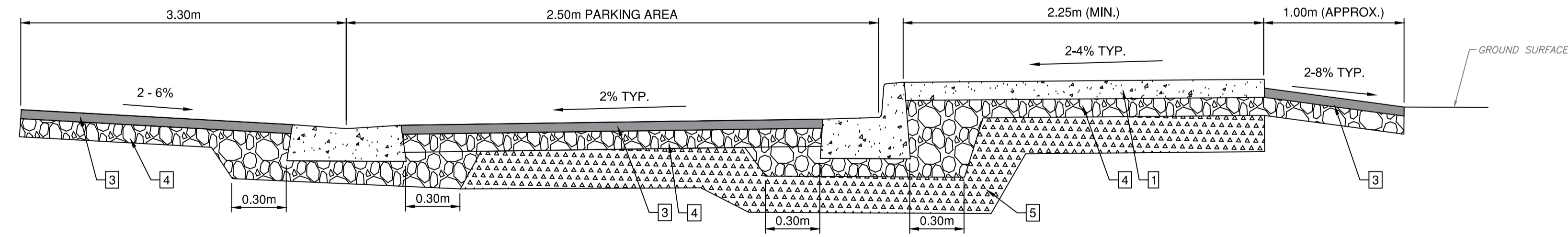
- 1 100mm OF BROOM FINISH CONCRETE SIDEWALK
- 2 150mm OF REBAR ENFORCED DRIVEWAY
- 3 50mm HOT MIX ASPHALT (MMCD UC #1) COMPACTED TO ≥97% OF 75 BLOW MARSHALL.
- 4 100mm OF IMPORTED 20mm MINUS CRUSHED GRANULAR BASE GRAVEL COMPACTED TO 95% MODIFIED PROCTOR DENSITY.
- 5 200mm OF 80mm MINUS GRANULAR SUBBASE COMPACTED TO 95% MODIFIED PROCTOR DENSITY.



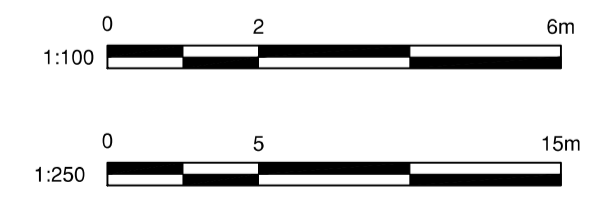
SIDEWALK DETAILS
SCALE: NTS



DRIVEWAY CROSSING SIDEWALK DETAILS
SCALE: NTS



SECTION B-B: INVERTED GUTTER, PARKING AREA, C4 CURB WITH GUTTER AND SIDEWALK
SCALE: NTS



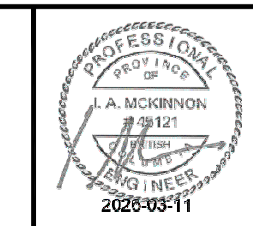
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REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPRD
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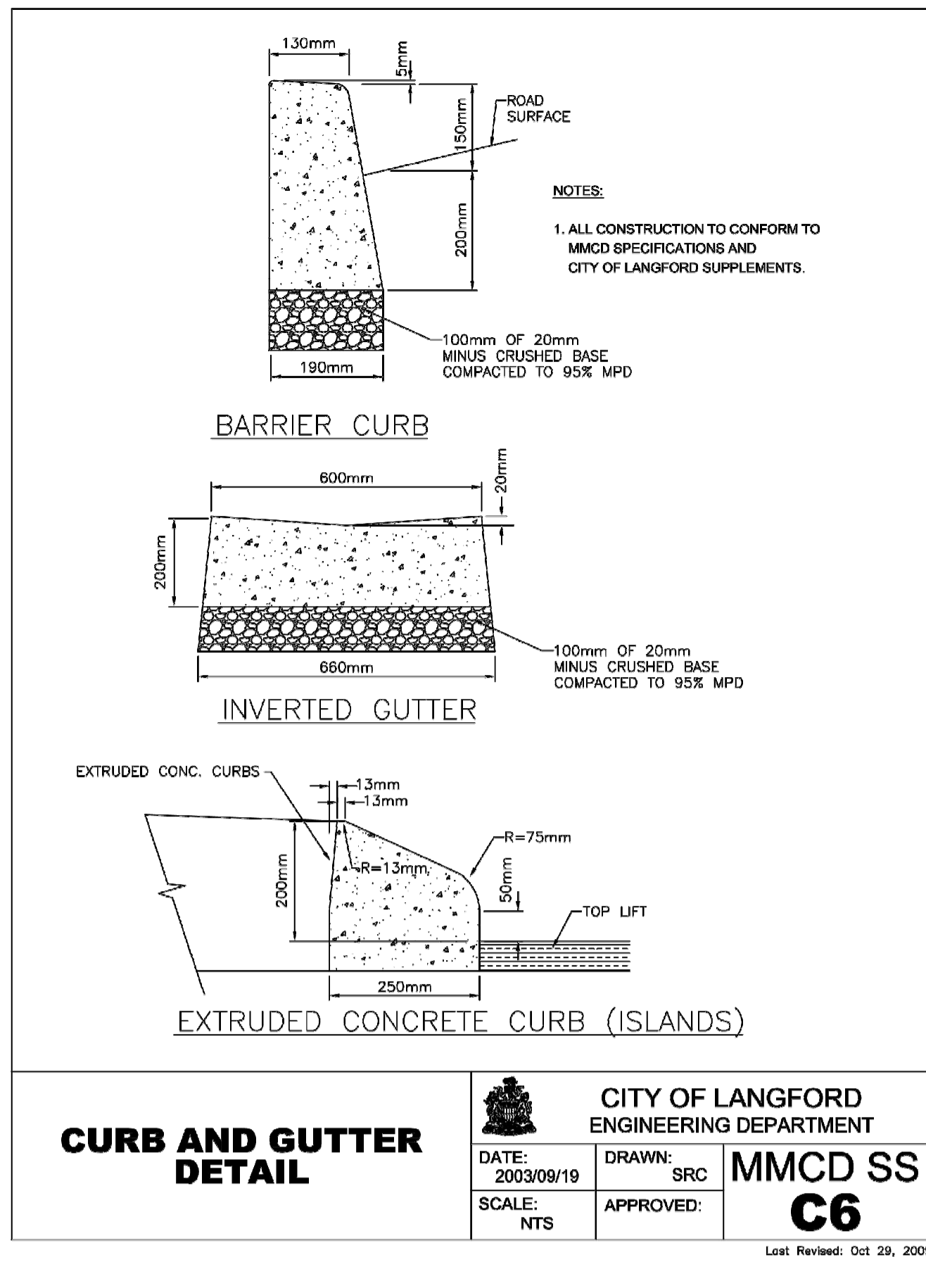


SURFACE WORKS

CIVIL DETAILS



ISSUED FOR NRFP		DESIGN NO.		34472	
SCALE	1:500	CREATION DATE	26/02/06	DWG. NO.	06 OF 08
DRAWN BY	RB	DESIGN BY	RB		
CHECKED BY	BO	APPROVED BY	IM		
PLOT DATE	February 25, 2026			REV.	1

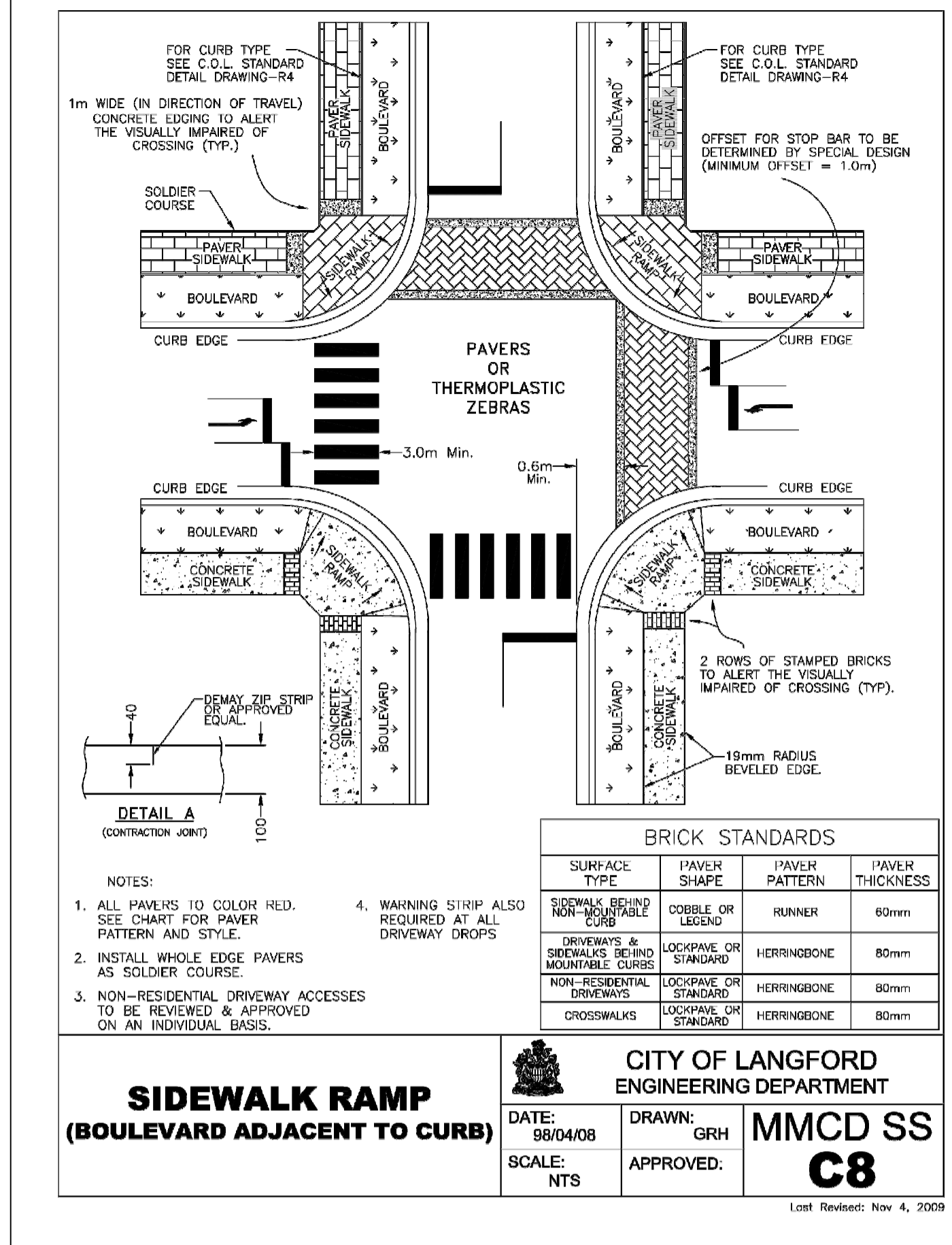


CURB AND GUTTER DETAIL

CITY OF LANGFORD
ENGINEERING DEPARTMENT

DATE: 2003/09/19 DRAWN: SRC MMCD SS
SCALE: NTS APPROVED: C6

Last Revised: Oct 29, 2009



BRICK STANDARDS

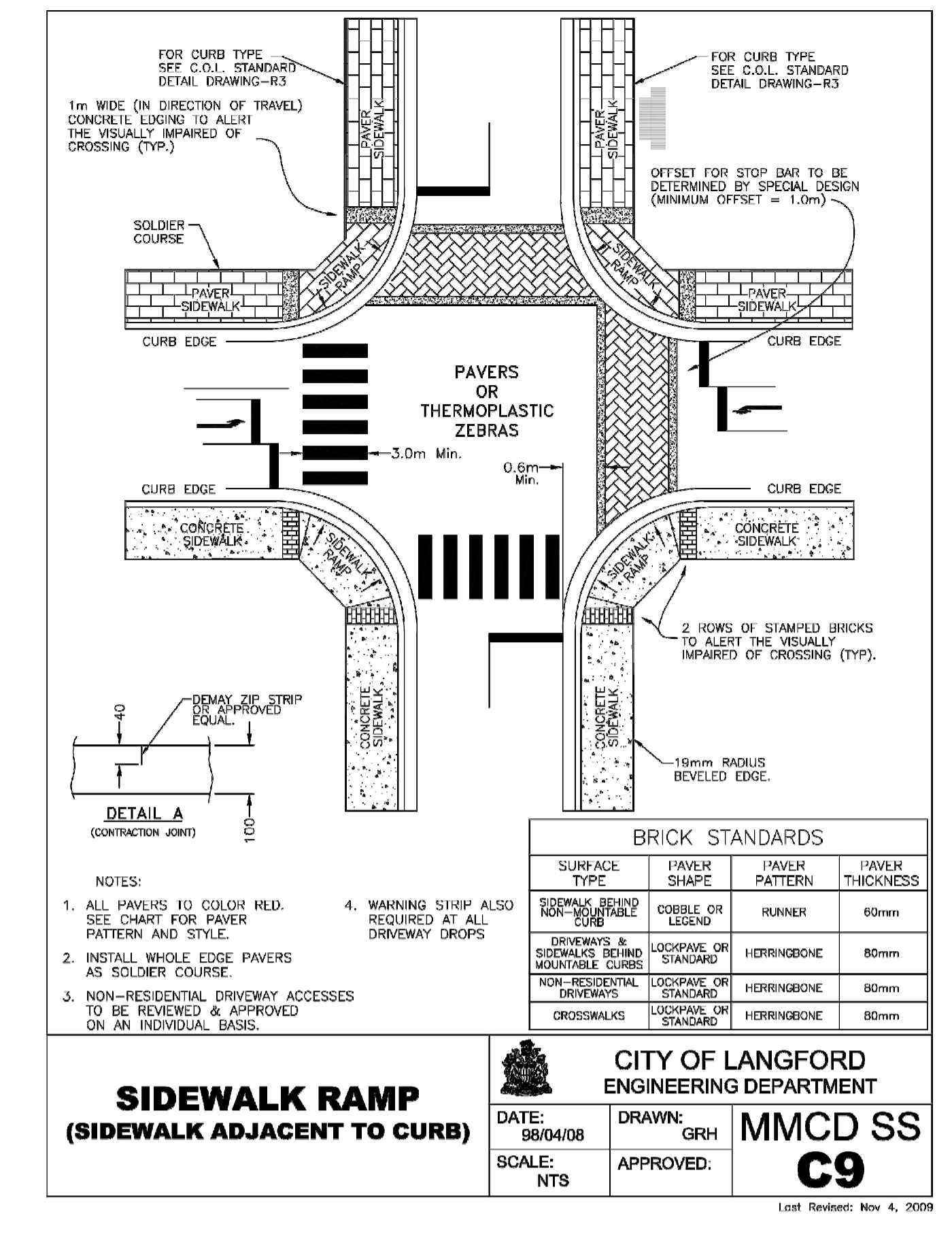
SURFACE TYPE	PAVER SHAPE	PAVER PATTERN	PAVER THICKNESS
SIDEWALK BEHIND NON-MOUNTABLE CURB	COBBLE OR LUSKID	RUNNER	60mm
DRIVEWAYS & SIDEWALKS BEHIND MOUNTABLE CURBS	LOCKPAVE OR STANDARD	HERRINGBONE	80mm
NON-RESIDENTIAL DRIVEWAYS	LOCKPAVE OR STANDARD	HERRINGBONE	80mm
CROSSWALKS	LOCKPAVE OR STANDARD	HERRINGBONE	80mm

SIDEWALK RAMP (BOULEVARD ADJACENT TO CURB)

CITY OF LANGFORD
ENGINEERING DEPARTMENT

DATE: 98/04/08 DRAWN: GRH MMCD SS
SCALE: NTS APPROVED: C8

Last Revised: Nov 4, 2009



BRICK STANDARDS

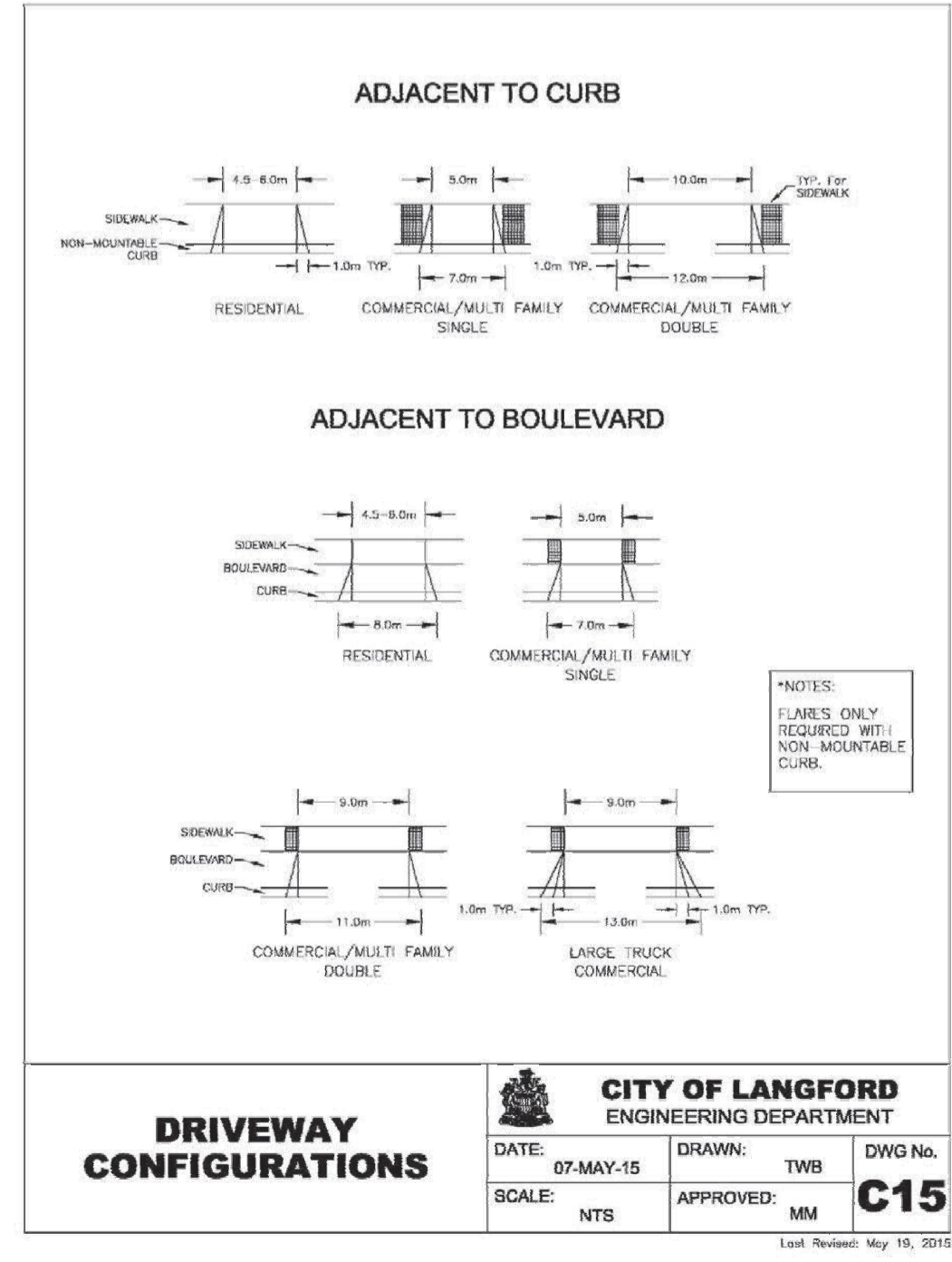
SURFACE TYPE	PAVER SHAPE	PAVER PATTERN	PAVER THICKNESS
SIDEWALK BEHIND NON-MOUNTABLE CURB	COBBLE OR LUSKID	RUNNER	60mm
DRIVEWAYS & SIDEWALKS BEHIND MOUNTABLE CURBS	LOCKPAVE OR STANDARD	HERRINGBONE	80mm
NON-RESIDENTIAL DRIVEWAYS	LOCKPAVE OR STANDARD	HERRINGBONE	80mm
CROSSWALKS	LOCKPAVE OR STANDARD	HERRINGBONE	80mm

SIDEWALK RAMP (SIDEWALK ADJACENT TO CURB)

CITY OF LANGFORD
ENGINEERING DEPARTMENT

DATE: 98/04/08 DRAWN: GRH MMCD SS
SCALE: NTS APPROVED: C9

Last Revised: Nov 4, 2009



DRIVEWAY CONFIGURATIONS

CITY OF LANGFORD
ENGINEERING DEPARTMENT

DATE: 07-MAY-15 DRAWN: TWB DWG No.
SCALE: NTS APPROVED: MM C15

Last Revised: May 15, 2015

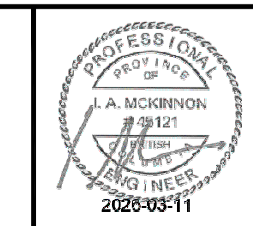
SUPPLEMENTS TO MMCD Schedule 11 - 12

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REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPRD
1	ISSUED FOR NRFP	260206	RB	BO



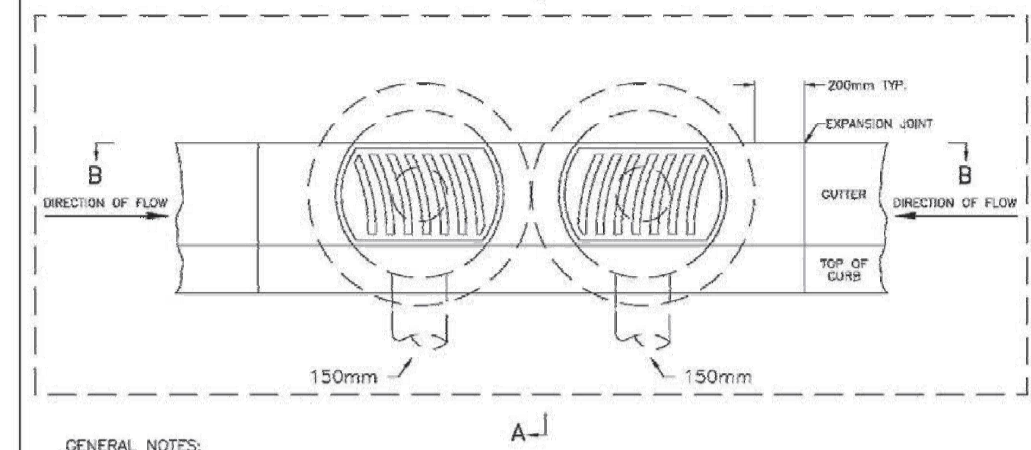
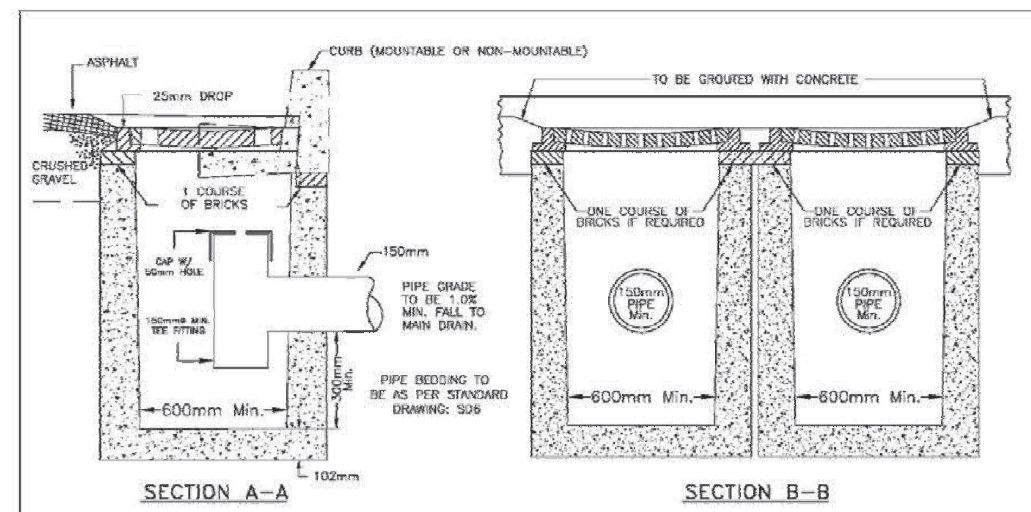
CIVIL DETAILS



SCALE	1:500	CREATION DATE	260206	DWG. NO.	07 OF 08
DRAWN BY	RB	DESIGN BY	RB		
CHECKED BY	BO	APPROVED BY	IM		
PLOT DATE	February 25, 2026				REV. 1

ISSUED FOR NRFP DESIGN NO.

34472



- GENERAL NOTES:
1. CATCH BASIN GRATE AND FRAME (TYP.)
 2. TRENCHES AND CATCH BASINS UNDER TRAVELLED PORTION OF THE ROAD TO BE BACKFILLED WITH GRAVEL AND COMPACTED AS PER SPECIFICATIONS.
 3. BASE TO BE COMPACTED GRANULAR MATERIAL (98% STANDARD PROCTOR) OR CONCRETE SLURRY.
 4. ALL DIMENSIONS ARE IN MILLIMETERS (mm).

DOUBLE CATCH BASIN

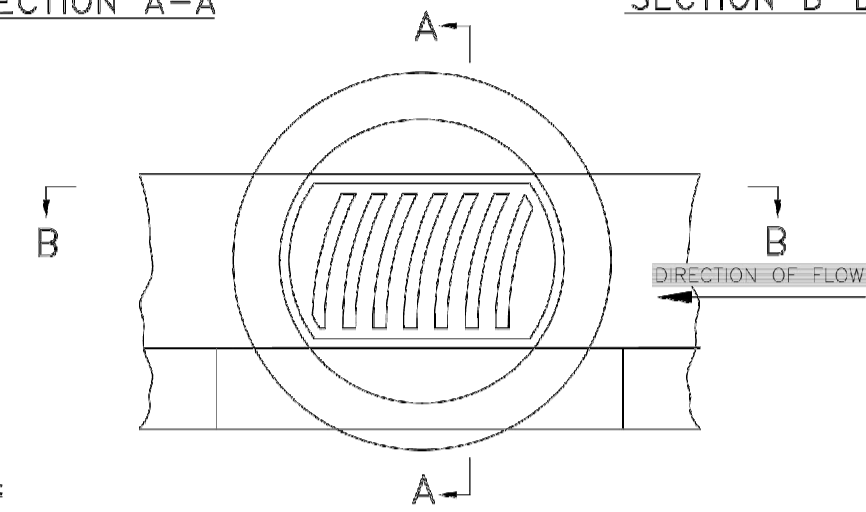
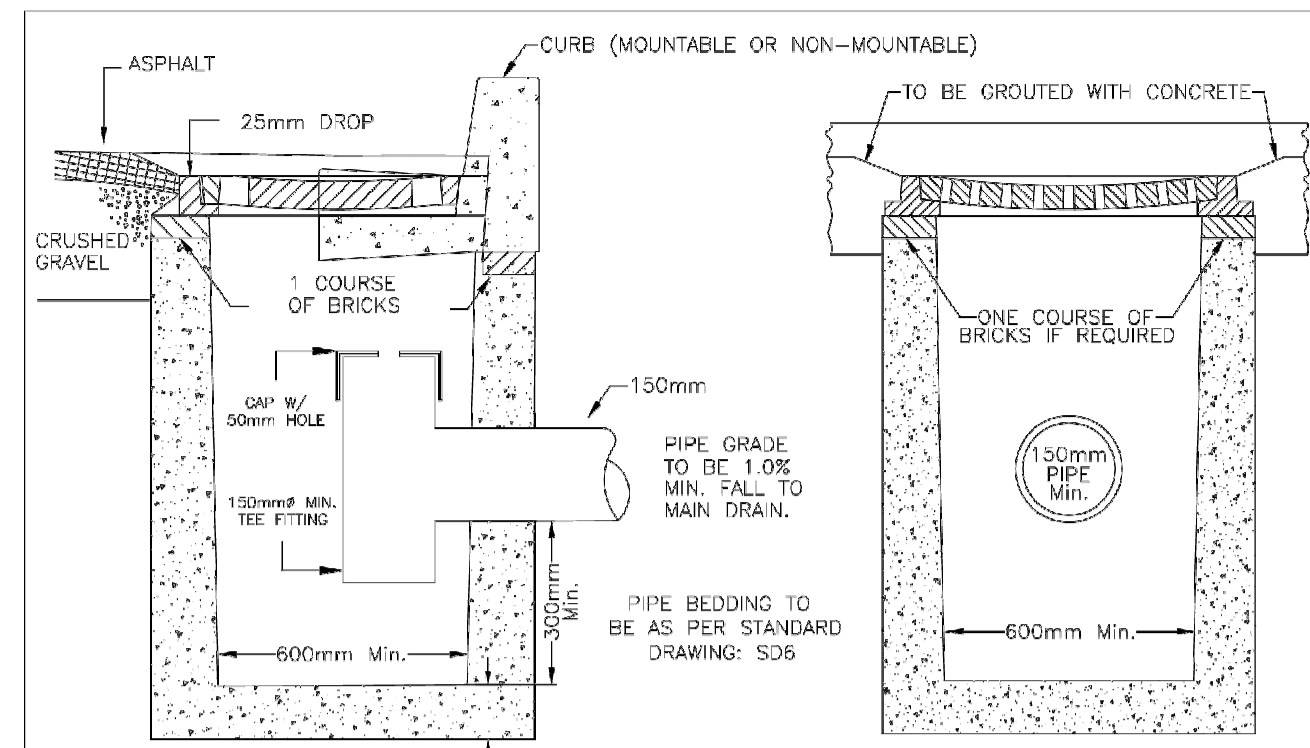
CITY OF LANGFORD
ENGINEERING DEPARTMENT

DATE: 98/04/03 DRAWN: GRH MMCD SS
SCALE: NTS APPROVED: S10

Last Revised: November 25, 2013

SUPPLEMENTS TO MMCD

Schedule 11 - 65



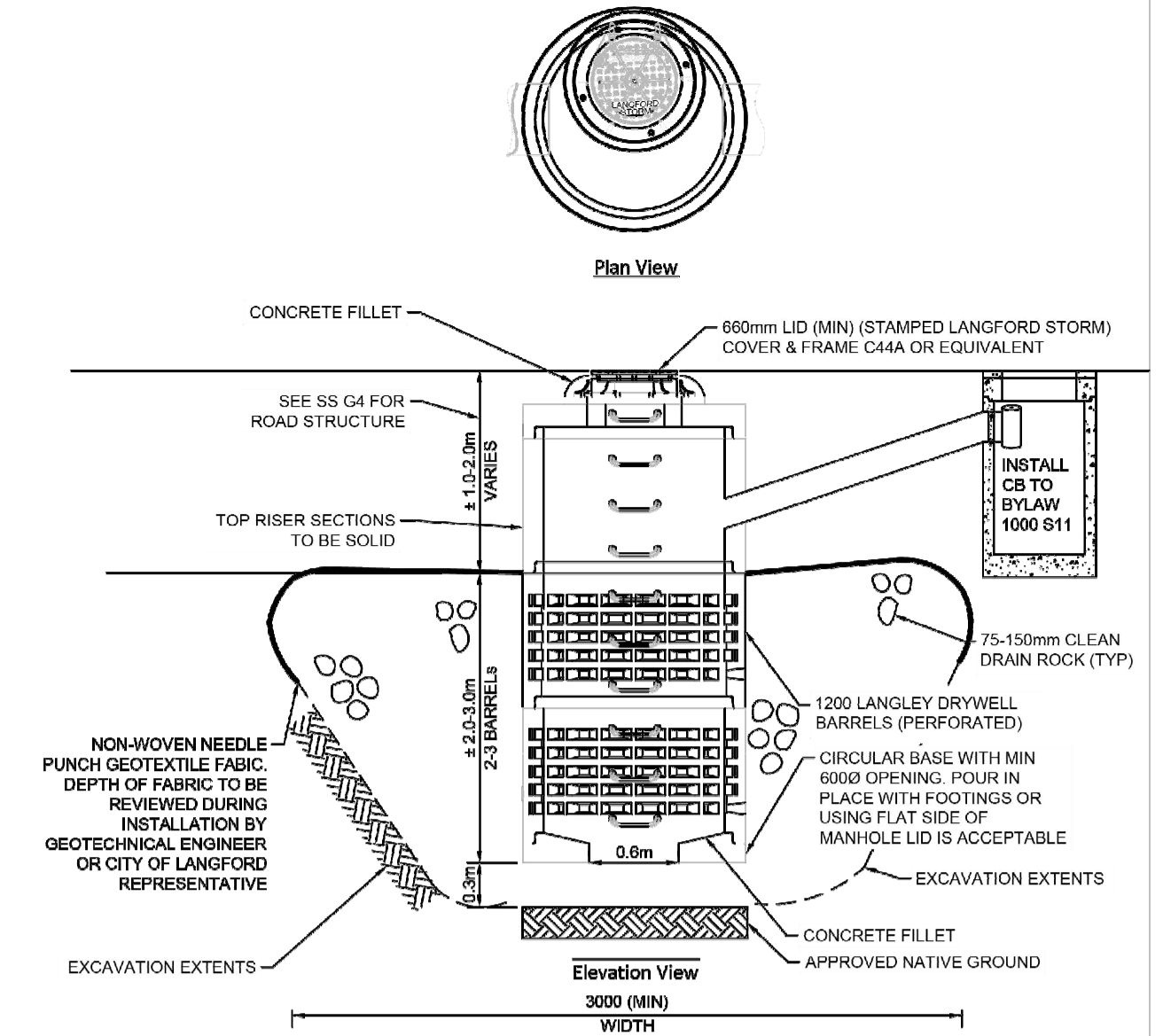
- GENERAL NOTES:
1. 3/4 CATCH BASIN GRATE AND FRAME
 2. TRENCHES AND CATCH BASINS UNDER TRAVELLED PORTION OF THE ROAD TO BE BACKFILLED WITH GRAVEL AND COMPACTED AS PER SPECIFICATIONS.
 3. BASE TO BE COMPACTED GRANULAR MATERIAL (98% STANDARD PROCTOR) OR CONCRETE SLURRY.
 4. ALL DIMENSIONS ARE IN MILLIMETERS (mm).

CATCH BASIN

CITY OF LANGFORD
ENGINEERING DEPARTMENT

DATE: 98/04/03 DRAWN: GRH MMCD SS
SCALE: NTS APPROVED: S11

Last Revised: Bylaw 1660, February 2017



- NOTES:
1. THE DEPTH AND VOLUME OF DRAIN ROCK SHALL BE SPECIFIED BY A PROFESSIONAL ENGINEER AND APPROVED BY THE MUNICIPAL ENGINEER.
 2. QUANTITY OF DRYWELL BARRELS TO BE DETERMINED BY INFILTRATION RATE AND/OR CATCHMENT AREA.
 3. ALL VERTICAL SEEPAGE PITS MUST BE PROTECTED BY A CITY OF LANGFORD APPROVED CATCH BASIN. REFER TO S-11.
 4. MAX RISE OF 250 WITH BRICK OR APPROVED ALTERNATE PARGE INSIDE AND OUT WITH CEMENT MORTAR.
 5. ALL CONSTRUCTION TO MMCD STANDARDS.
 6. LADDER RUNGS SHALL BE TO WCB STANDARDS.

VERTICAL SEEPAGE PIT DETAIL

CITY OF LANGFORD
ENGINEERING DEPARTMENT

DATE: APRIL 30, 2020 DRAWN: DRH SD-7
SCALE: NTS APPROVED: GH

File: Z:\Shared\Projects\3400\34472_LCL_Veterans_Memorial_Park_Erpinon02_CADD\20_Drafting\202_Production\34472_VMP\Plat_SHEETS\SET.dwg

REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPRD
1	ISSUED FOR NRFP	260206	RB	BO



CIVIL DETAILS



SCALE	1:500	CREATION DATE	260206	DWG. NO.
DRAWN BY	RB	DESIGN BY	RB	08 OF 08
CHECKED BY	BO	APPROVED BY	IM	REV. 1
PLOT DATE	February 25, 2026			

ISSUED FOR NRFP

DESIGN NO.

34472

CITY OF LANGFORD

VETERANS MEMORIAL PARK EXPANSION

ISSUED FOR NRFP

GENERAL NOTES:

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITION OF THE MASTER MUNICIPAL CONSTRUCTION DOCUMENTS (MMCD) AND THE CITY OF LANGFORD SUBDIVISION AND DEVELOPMENT SERVICING BYLAW No. 1000.
- ALL COMMON CIRCUIT WIRING SHALL BE TAGGED AND TY-RAPPED AS DETAILED IN THE MMCD, SECTION 26 56 01, SUBSECTION 3.8.
- HANDHOLES SHALL BE POSITIONED ON THE DOWNSTREAM TRAFFIC SIDE OF POLE OR BEHIND.
- ELECTRICAL WORK SHALL CONFORM TO LATEST EDITION OF CANADIAN ELECTRICAL CODE AND BULLETINS PUBLISHED BY THE BC SAFETY AUTHORITY.
- ALL WORK SHALL CONFORM TO ALL APPLICABLE REGULATIONS OF WORKSAFE BC.
- THE CONTRACTOR SHALL SUPPLY ALL MATERIALS, EQUIPMENT AND LABOUR TO COMPLETE THE WORKS, EXCEPT AS NOTED.
- ALL TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE CURRENT MoTT TRAFFIC CONTROL MANUAL FOR WORK ON ROADWAYS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FEES FOR PERMITS AND INSPECTIONS, AS REQUIRED BY THE BC SAFETY AUTHORITY.
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
- CONTRACTOR SHALL REPAIR CURBS AND SIDEWALKS TO MATCH EXISTING CONDITIONS WHERE DAMAGED DUE TO CONSTRUCTION ACTIVITIES.
- CONTRACTOR SHALL PROVIDE SHOP DRAWINGS AND DATA SHEETS FOR APPROVAL PRIOR TO ORDERING EQUIPMENT.

CIVIL ELECTRICAL NOTES:

- ALL CONDUITS SHALL BE VERIFIED AND CLEANED USING THE FOLLOWING PROCEDURE:
 - TO VERIFY INTEGRITY OF CONDUIT, PULL THROUGH EACH DUCT, A HARD RUBBER MANDREL NOT LESS THAN 300mm LONG AND OF A DIAMETER 6mm LESS THAN INTERNAL DIAMETER OF DUCT, PRECEDED BY A SWAB OF SUITABLE DIAMETER TO REMOVE SAND, EARTH AND OTHER FOREIGN MATTER.
 - NOTIFY PROJECT ENGINEER IN THE EVENT OF CONDUIT FAILURE.
 - CLEAN DUCTS BEFORE LAYING. CAP ENDS OF DUCTS DURING CONSTRUCTION AND AFTER INSTALLATION TO PREVENT ENTRANCE OF FOREIGN MATERIALS.
 - TERMINATE CONDUIT ENDS IN THE JUNCTION BOX AS PER STANDARD DRAWINGS.
 - CLEAN AND VACUUM JUNCTION BOXES.
- ENSURE CLEARANCES FROM OVERHEAD UTILITY LINES MEET UTILITY AND WORKSAFE BC REGULATIONS PRIOR TO CONCRETE BASE INSTALLATION. CONTACT PBX ENGINEERING IN THE EVENT OF A CONFLICT.
- WHERE MINIMUM CLEARANCES FROM UTILITIES CAN NOT BE MAINTAINED, NOTIFY THE PROJECT ENGINEER.
- ALL CONDUITS FROM JUNCTION BOXES TO BASES ARE TO BE 53mm RPVC, UNLESS NOTED OTHERWISE.
- ALL CONCRETE BASES AND JUNCTION BOX SYMBOLS ARE NOT TO SCALE.
- ALL EQUIPMENT LOCATIONS SHALL BE LAID OUT BY THE CONTRACTOR AND REVIEWED BY THE PROJECT ENGINEER PRIOR TO INSTALLATION.
- SPARE CONDUITS IN CONCRETE FOOTINGS SHALL HAVE COUPLINGS AND BE CAPPED AT BOTH ENDS.
- INSTALL PULL LINE IN ALL EMPTY CONDUITS, INSTALL COUPLINGS AND THEN CAP.
- THE CONTRACTOR SHALL NOT USE ANY FACTORY BENDS IN CONDUIT RUNS UNLESS SHOWN ON THE DRAWINGS OR APPROVED BY THE ENGINEER IN THE FIELD, WHERE FACTORY 90 DEGREE BENDS ARE APPROVED, THE RADIUS SHALL BE GREATER THAN 900mm.
- CONTRACTOR SHALL ENSURE ALL ELECTRICAL EQUIPMENT IS INSTALLED WITHIN CITY OF LANGFORD RIGHT OF WAY.
- BOLLARD LUMINAIRES AND NEW POST TOP LUMINAIRE POLES SHALL BE INSTALLED 500mm BEHIND EDGE OF PATHWAY OR EDGE OF CURB UNLESS NOTED OTHERWISE.
- TREE RECEPTACLES SHALL BE INSTALLED APPROXIMATELY 600mm FROM CENTER OF TREE AND SHALL BE LOCATED WITHIN THE MULCH AREA. EXACT LOCATION TO BE COORDINATED ON SITE.

MATERIAL NOTES:

- ALL MATERIALS SHALL BE NEW AND SUPPLIED FROM THE MINISTRY OF TRANSPORTATION 'RECOGNIZED PRODUCTS LIST' EXCEPT WHERE NOTED. ALL LIKE MATERIALS SHALL BE FROM THE SAME MANUFACTURER.
- ELECTRICAL MATERIAL, EQUIPMENT, AND FITTINGS MUST BEAR EVIDENCE OF C.S.A. APPROVAL OR SPECIAL CERTIFICATIONS ACCEPTABLE TO THE CHIEF ELECTRICAL INSPECTOR. UNAPPROVED ITEMS SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE.
- A TRON HEB AA WEATHERPROOF FUSE HOLDER, C/W A 10A BUSS KTK FUSE AND 2 "L" TYPE INSULATION BOOTS, SHALL BE INSTALLED FOR EACH DECORATIVE AND DAVIT LUMINAIRE POLE IN THE POLE HANDHOLE IN ACCORDANCE WITH MMCD STANDARD DRAWING E7.11.
- A TRON HEB SERIES WEATHERPROOF FUSE HOLDER, C/W A 5A BUSS KTK FUSE AND 2 "L" TYPE INSULATING BOOTS, SHALL BE INSTALLED ON EACH LUMINAIRE LIVE CONDUCTOR FOR EACH BOLLARD.
- ALL CONDUCTORS SHALL BE STRANDED COPPER, TYPE RW90 INSULATED AND COLOUR CODED, EXCEPT WHERE NOTED.
- ALL JUNCTION BOXES SHALL BE MoTT STYLE JUNCTION BOXES AND HAVE GALVANIZED STEEL LIDS. JUNCTION BOX LABELS ON PLANS DENOTE TYPE.
- BOLLARD LUMINAIRES SHALL BE LUMCA GLMS-8LED07-18W-120-L5-30K-SGP-10-RAL3007-SPL400027 AND SHALL BE SECURED WITH TAMPER PROOF BOLTS.
- LUMCA LUMINAIRES AND DECORATIVE POLES SHALL BE PURCHASED FROM THE CITY OF LANGFORD.

LED LUMINAIRE PRODUCT LIST					
MANUFACTURER	POLE TYPE	MODEL No.	WATTAGE	DISTRIBUTION TYPE	QUANTITIES
GE	DAVIT POLE	76W LED/TYPE II/GE/ERL1-0-10-C5-30-D-RAL3007-ILR	76W	TYPE II	2
LUMCA	POST TOP	40W LED/TYPE III/LUMCA/FR8310-18LED07-40W-120-L3-30K-RAL3007	40W	TYPE III	2
LUMCA	POST TOP	48W LED/TYPE III/LUMCA/RETROFIT KIT - PR8310-6LED07-48W-120-L3-30K	48W	TYPE III	4
LUMCA	BOLLARD	18W LED/TYPE V/LUMCA/GLMS-8LED07-18W-120-L5-30K-SGP-10-RAL3007	18W	TYPE V	9
LUMCA	BOLLARD	18W LED/TYPE III/LUMCA/GLMS-8LED07-18W-120-L3-30K-SGP-10-RAL3007	18W	TYPE III	4

LED LUMINAIRE LEGEND

XXXX	WATTAGE
LED	LIGHT SOURCE
XX	CIRCUIT
TYPE X	DISTRIBUTION TYPE (WHERE APPLICABLE)

SEE MASTER MUNICIPAL CONSTRUCTION DOCUMENTS (MMCD) - LATEST EDITION AND CITY OF LANGFORD SUPPLEMENTAL SPECIFICATIONS FOR APPLICABLE STANDARDS AND DRAWINGS

**ISSUED FOR NRFP
NOT FOR CONSTRUCTION**

LEGEND (SOLID FILL DENOTES EXISTING)		
	LUMINAIRE POLE (SINGLE) "F" DENOTES FRANGIBLE BASE	PEC PHOTO ELECTRIC CELL
	BOLLARD LUMINAIRE	RPVC RIGID P.V.C. CONDUIT
	POST TOP LUMINAIRE	RAISED CURB
	EXISTING POST TOP LUMINAIRE POLE WITH NEW LED LUMINAIRE(S)	PROPERTY LINE
	MoTT STYLE JUNCTION BOX No. DENOTES TYPE	EDGE OF GRAVEL SHOULDER
	CONCRETE JUNCTION BOX OR VAULT	EDGE OF PAVEMENT
	POWER/TELEPHONE POLE	PAINT LINE
	SERVICE POLE C/W PANEL	FUTURE ELECTRICAL AND GEOMETRICS
	SERVICE KIOSK	ELECTRICAL EQUIPMENT TO BE REMOVED
	RECEPTACLE CONNECTION	UNDERGROUND CONDUIT
	EV CHARGER	FENCE
		CORRUGATED METAL PIPE (CULVERT)
		U/G UTILITY:
		"G" DENOTES GAS
		"S" DENOTES STORM DRAINS/SEWERS
		"W" DENOTES WATER
		"UE" DENOTES ELECTRIC
		"UT" DENOTES TELEPHONE
		"SAN" DENOTES SANITARY SEWER

ELECTRICAL DRAWING: E01

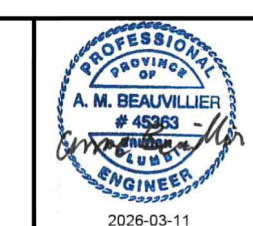
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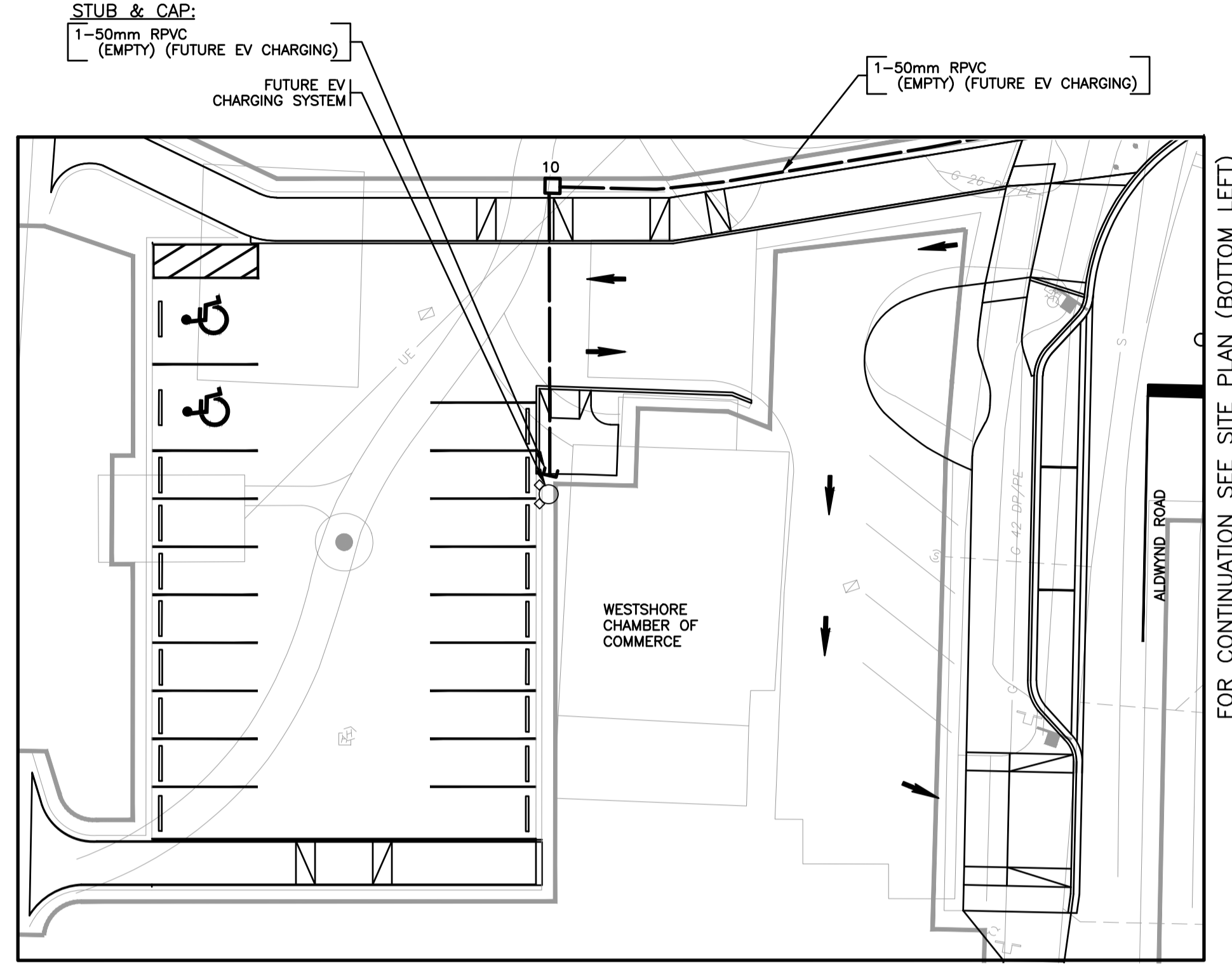
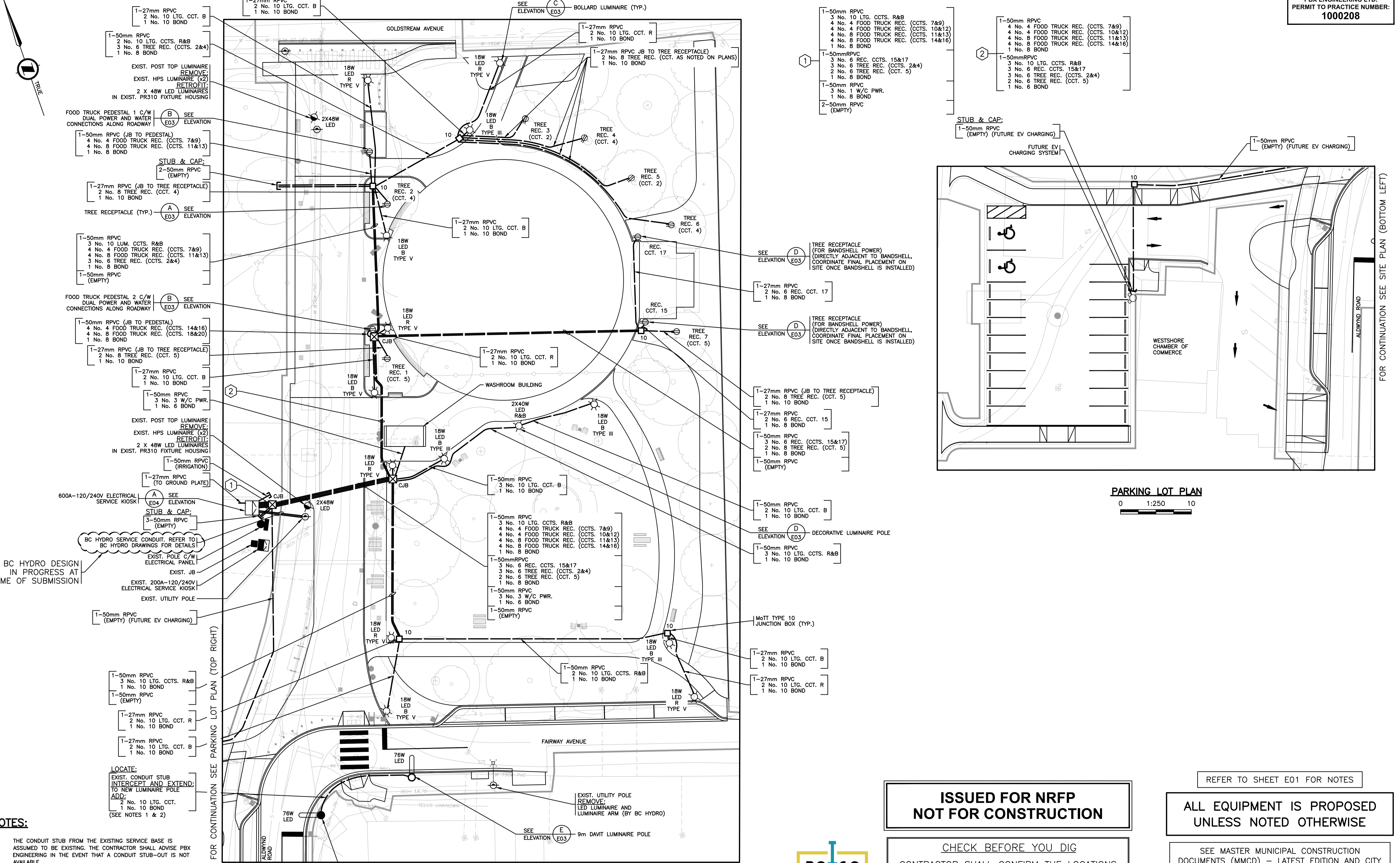


VETERANS MEMORIAL PARK EXPANSION
TITLE PAGE - NOTES - LEGEND



PBX ENGINEERING Ltd.
Suite 201 - 1221 Bond St.
Victoria BC V8W 2A4
Tel: 250.368.7222
www.pbxeng.com

SCALE	N/A	CREATION DATE	DWG. NO.
DRAWN BY	PBX	DESIGN BY	PBX
CHECKED BY	AB	APPROVED BY	AB
PLOT DATE	March 11, 2026		REV. 1



PARKING LOT PLAN
0 1:250 10

- NOTES:**
- THE CONDUIT STUB FROM THE EXISTING SERVICE BASE IS ASSUMED TO BE EXISTING. THE CONTRACTOR SHALL ADVISE PBX ENGINEERING IN THE EVENT THAT A CONDUIT STUB-OUT IS NOT AVAILABLE.
 - NEW LUMINAIRE SHALL BE CONNECTED TO THE ALTERNATE CIRCUIT FROM THE LUMINAIRE ON THE SERVICE POLE.

**ISSUED FOR NRFP
NOT FOR CONSTRUCTION**

CHECK BEFORE YOU DIG
CONTRACTOR SHALL CONFIRM THE LOCATIONS OF ALL UNDERGROUND UTILITIES.

REFER TO SHEET E01 FOR NOTES

**ALL EQUIPMENT IS PROPOSED
UNLESS NOTED OTHERWISE**

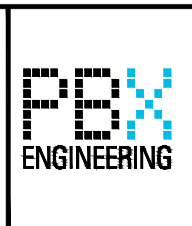
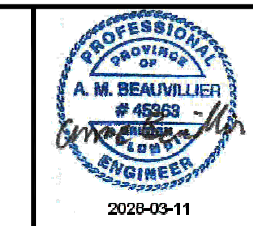
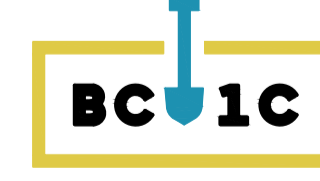
SEE MASTER MUNICIPAL CONSTRUCTION DOCUMENTS (MMCD) - LATEST EDITION AND CITY OF LANGFORD SUPPLEMENTAL SPECIFICATIONS FOR APPLICABLE STANDARDS AND DRAWINGS

ELECTRICAL DRAWING: E02

REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPRD
1	ISSUED FOR NRFP	11MAR26	PBX	AB



**VETERANS MEMORIAL PARK EXPANSION
SITE PLAN**



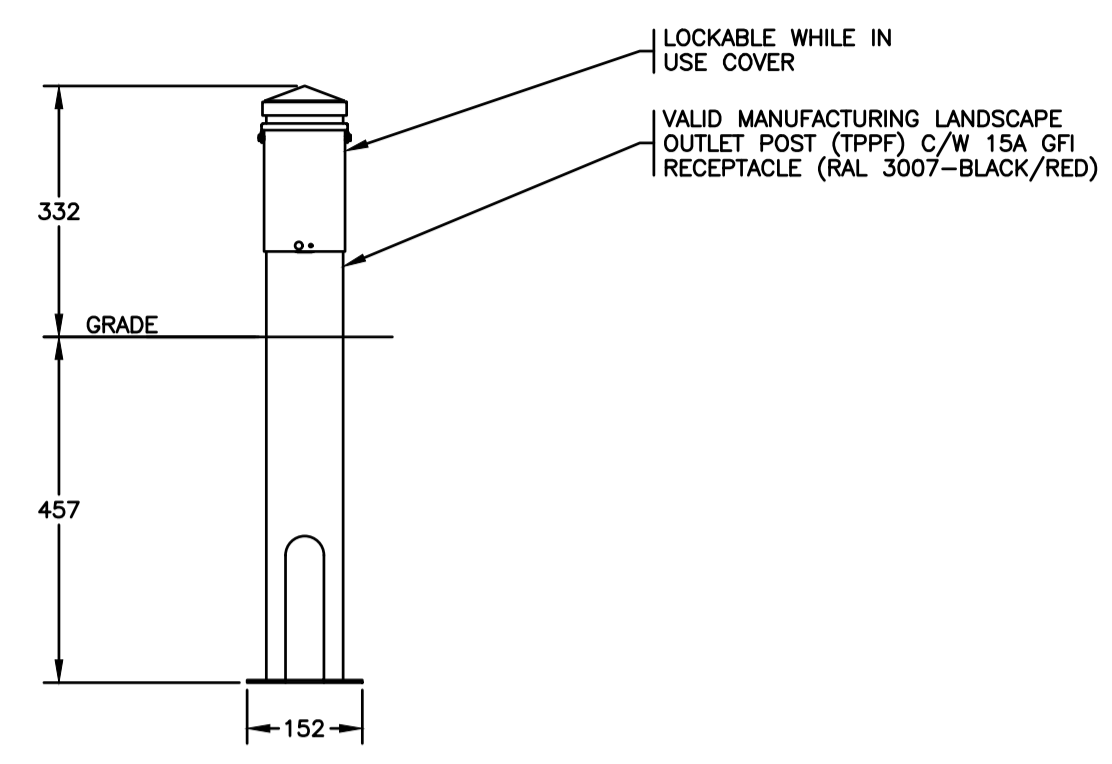
PBX ENGINEERING Ltd.
Suite 201 - 1221 Bond St.
Victoria BC V8W 2A4
Tel 250.388.7222
www.pbxeeng.com

ISSUED FOR NRFP		DESIGN NO.	
SCALE	1:250	CREATION DATE	
DRAWN BY	PBX	DESIGN BY	MJA
CHECKED BY	AB	APPROVED BY	AB
PLOT DATE	March 11, 2026		

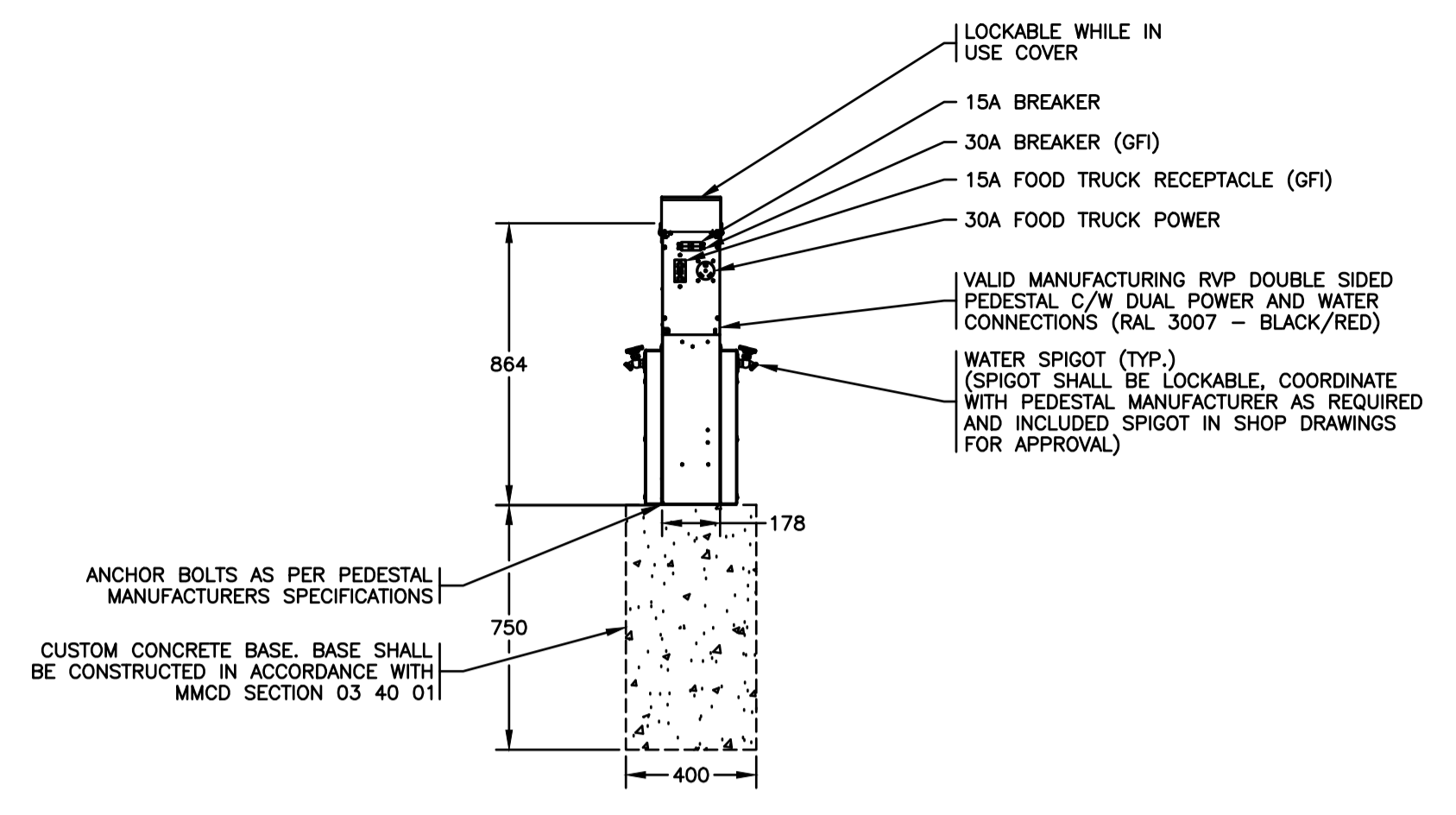
34472

DWG. NO.
2
OF
6
REV. 1

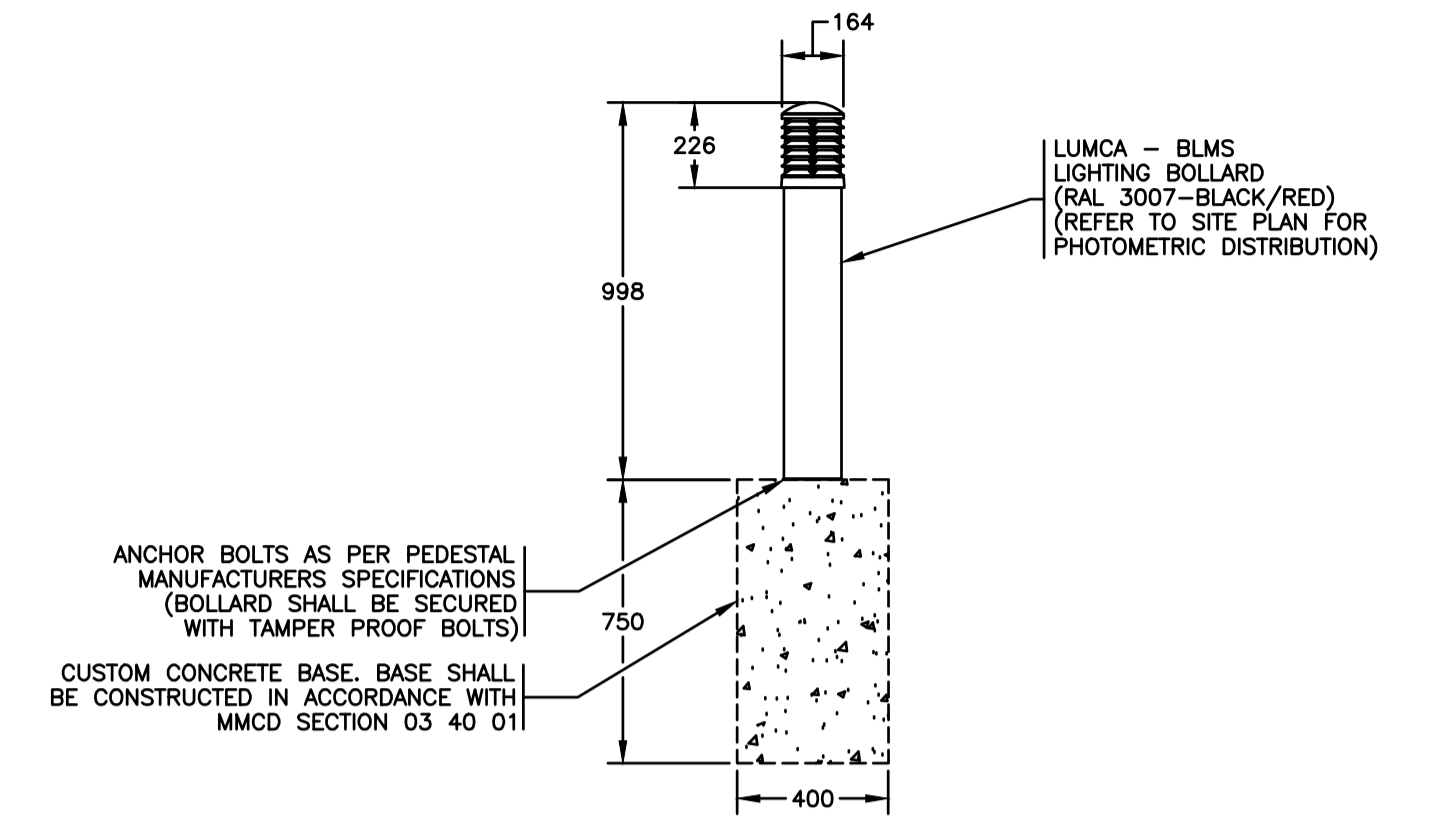
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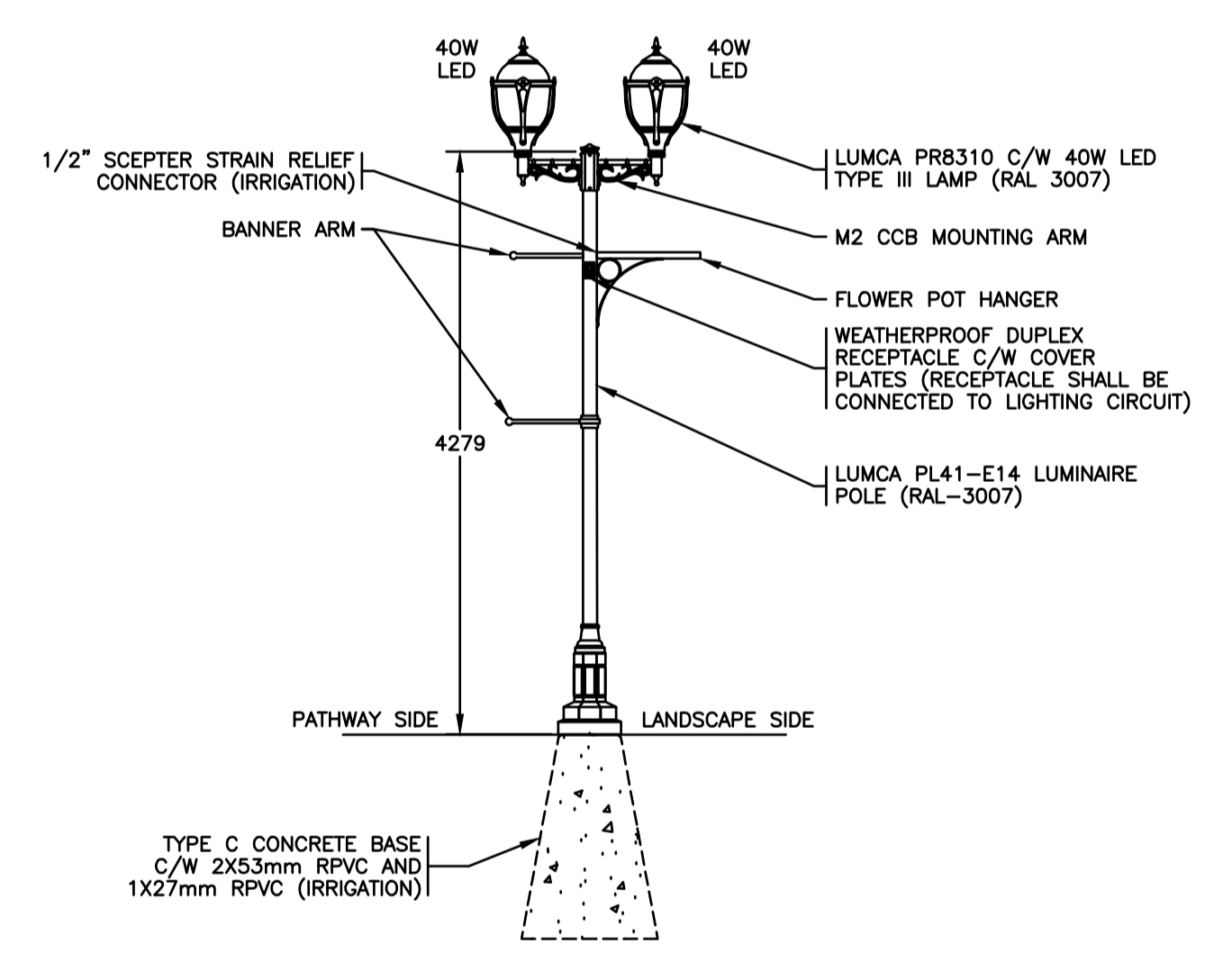
ELEVATION A TREE RECEPTACLE
1:10 (E02)



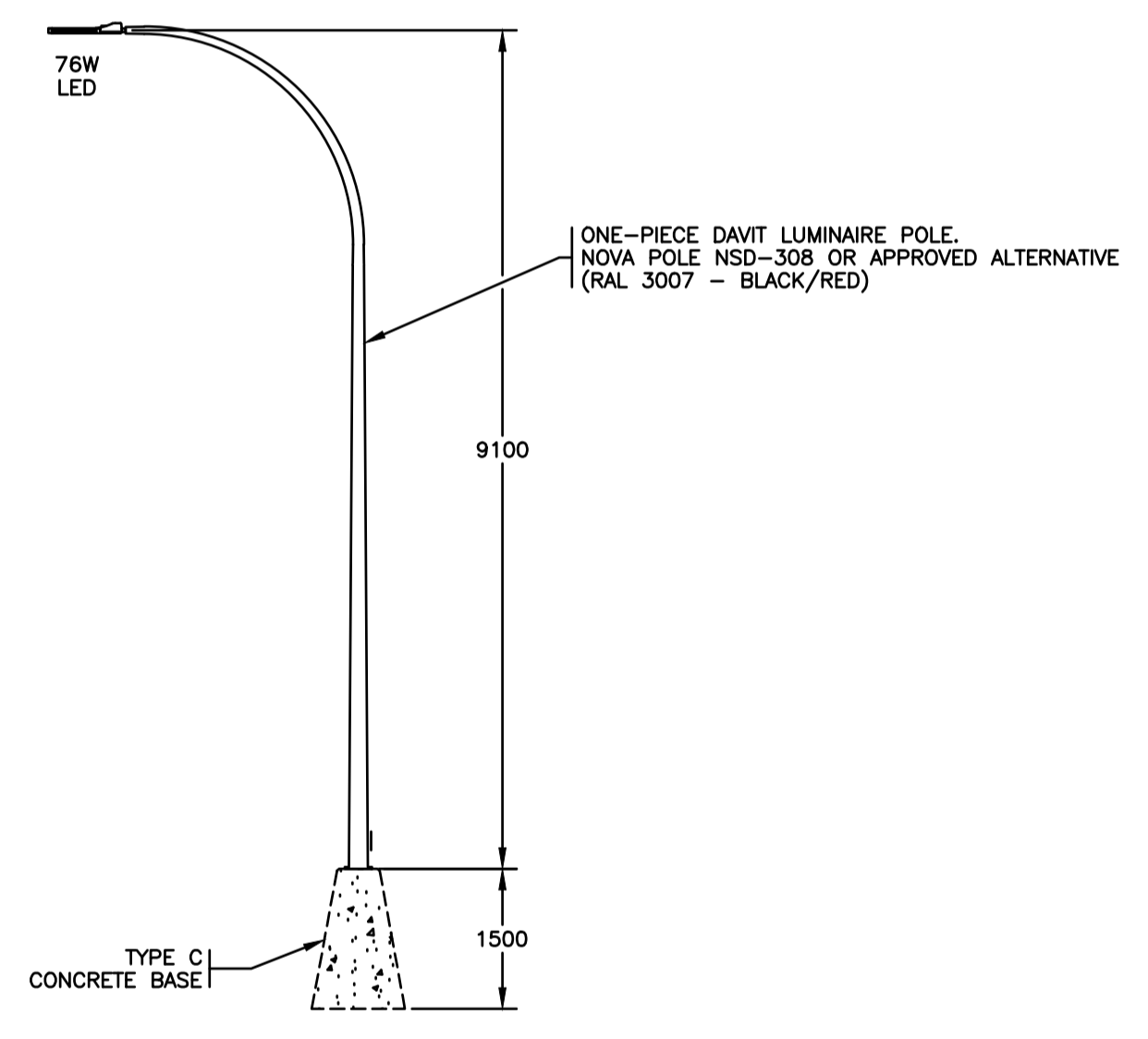
ELEVATION B FOOD TRUCK PEDESTAL
1:20 (E02)



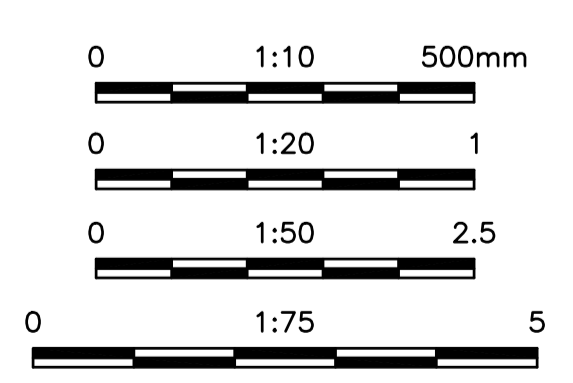
ELEVATION C BOLLARD LUMINAIRE
1:20 (E02)



ELEVATION D DECORATIVE LUMINAIRE POLE
1:50 (E02)



ELEVATION E 9.0m DAVIT LUMINAIRE POLE
1:75 (E02)



ALL EQUIPMENT IS PROPOSED
UNLESS NOTED OTHERWISE

**ISSUED FOR NRFP
NOT FOR CONSTRUCTION**

ELECTRICAL DRAWING: E03

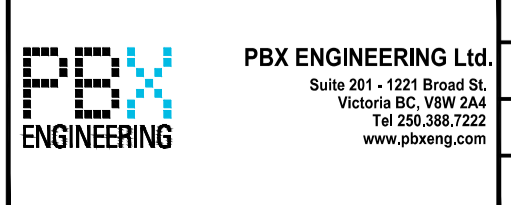
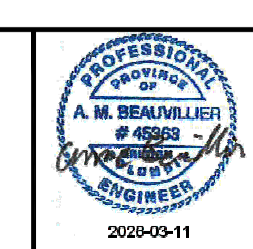
ISSUED FOR NRFP DESIGN NO. **34472**

File: P:\251120_Langford_Veterans_Memorial_Park_Expansion\Drawings\CADD\251120_E03_1.dwg

REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPRD
1	ISSUED FOR NRFP	11MAR26	PBX	AB



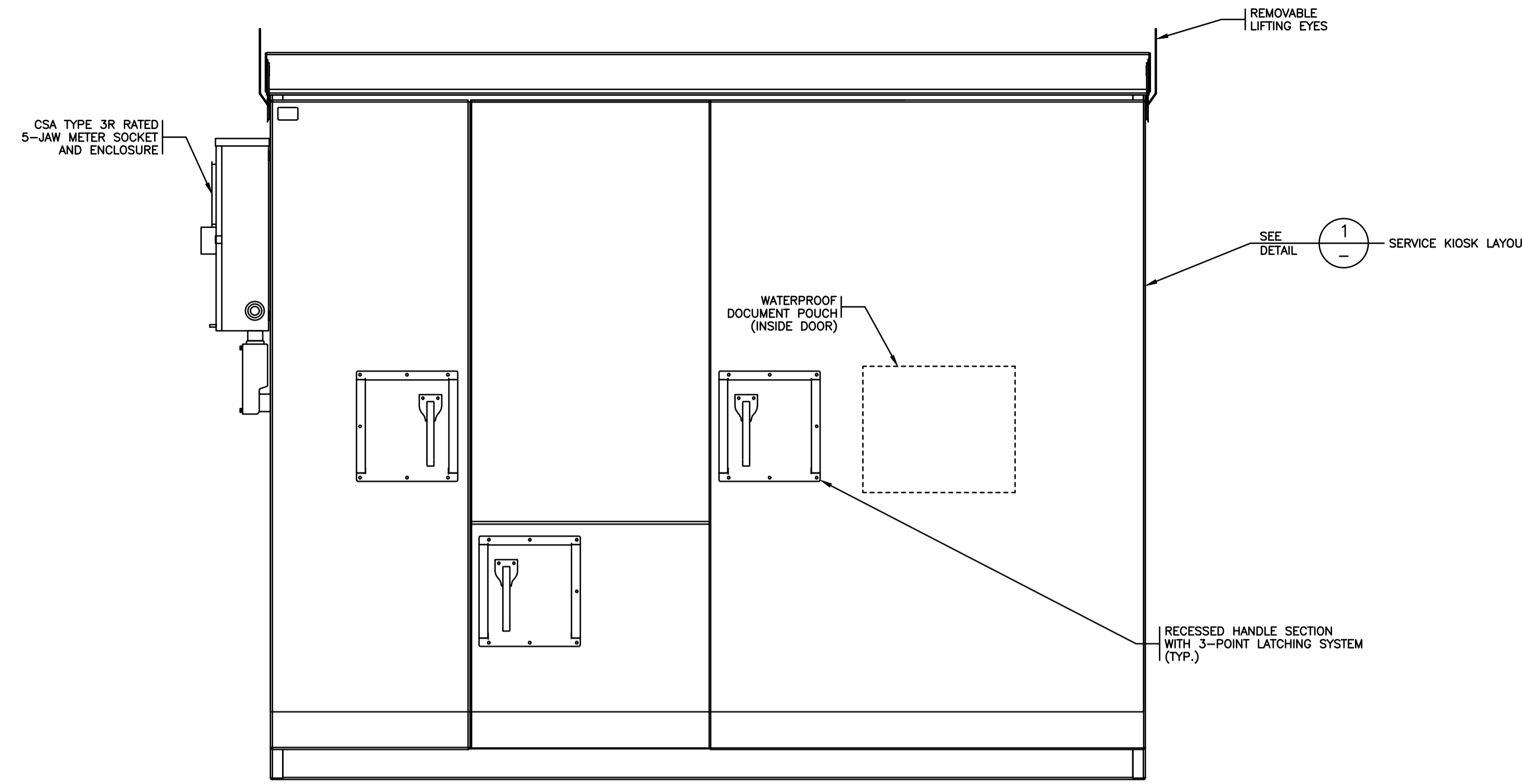
**VETERANS MEMORIAL PARK EXPANSION
ELEVATIONS**



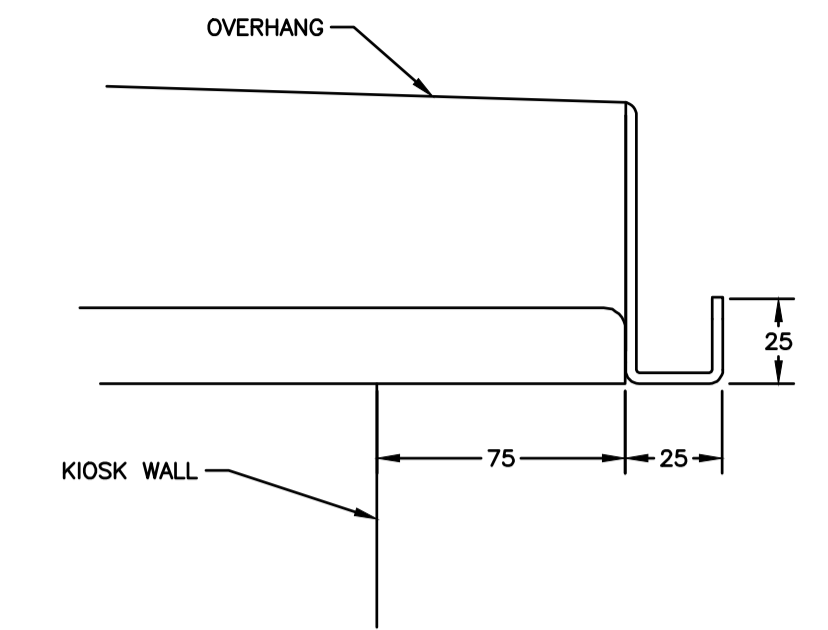
SCALE	AS NOTED	CREATION DATE	DWG. NO.
DRAWN BY	PBX	DESIGN BY	MJA
CHECKED BY	AB	APPROVED BY	AB
PLOT DATE	March 11, 2026		REV. 1

NOTES:

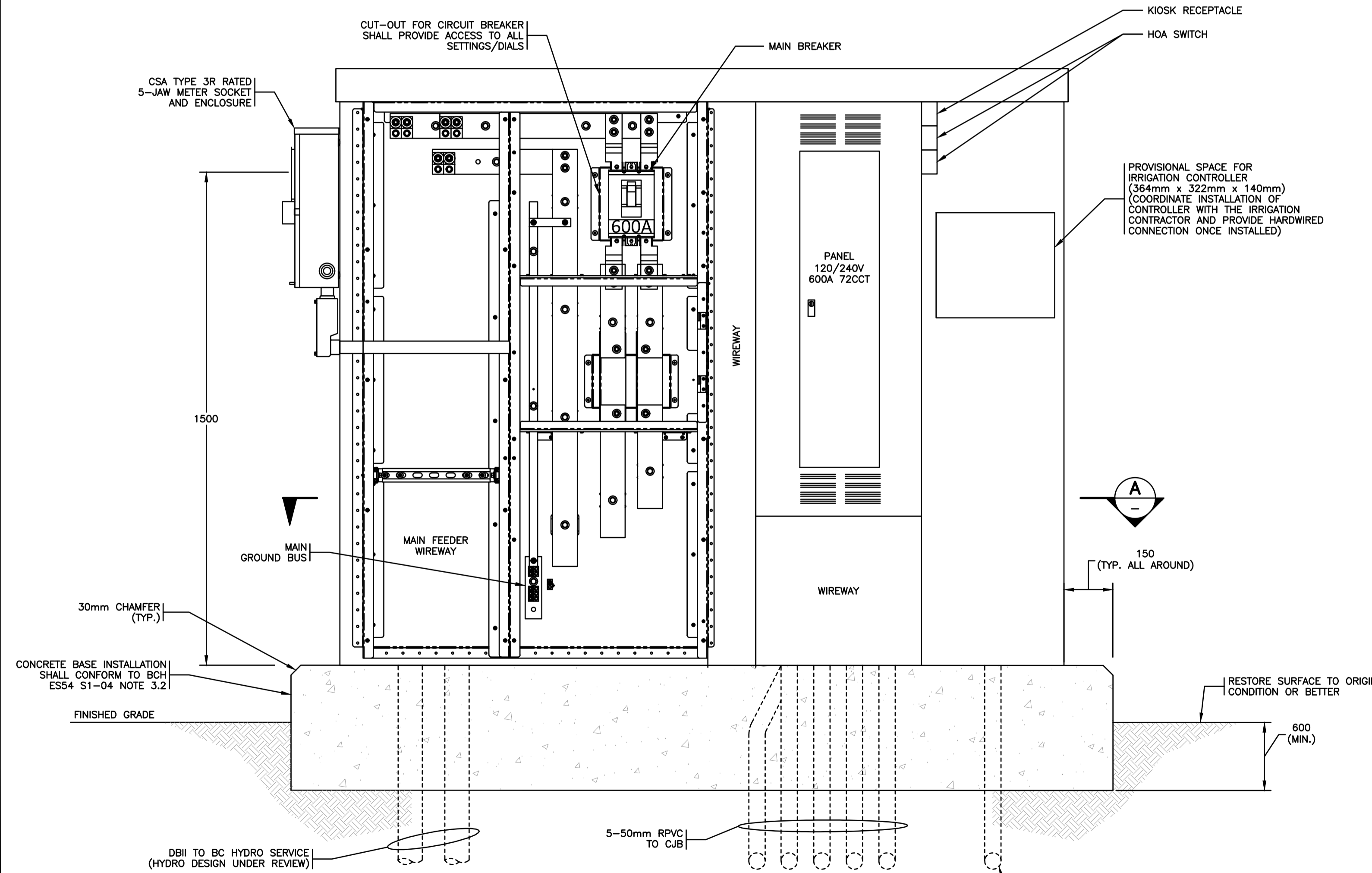
1. CONTRACTOR TO REFERENCE BC HYDRO DESIGN DRAWINGS FOR DETAILS ON CONDUIT AND CONDUIT FILL.
2. KIOSK SHALL BE VALID MANUFACTURING - KXXA758618.
3. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.
4. CONCRETE BASE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 30Mpa @ 28 DAYS.
5. SERVICE KIOSK SHALL BE POWDER COATED RAL 3007 (BLACK/RED).
6. KIOSK ENCLOSURE SHALL BE CONSTRUCTED IN ACCORDANCE WITH BC HYDRO STANDARDS.
7. KIOSK SHALL BE EQUIPPED WITH PLAN POUCH AND LAPTOP TRAY.
8. PROVIDE DOOR SWITCH FOR CONTROL OF KIOSK LIGHT.
9. INTERIOR PANELS, WIREWAYS, AND COVERS SHALL BE CONSTRUCTED ON 14 Ga. GALVANIZED STEEL (UNFINISHED).
10. MAIN BUS BARS SHALL BE 1/4 IN. x 3 IN. TINNED ALUMINUM, MOUNTED ON INSULATED STANDOFFS. PROVIDE LINE AND LOAD SIDE LUGS (MINIMUM TWO PER PHASE AND NEUTRAL) CAPABLE OF ACCEPTING 600MCM -No. 2 AWG ALCU.
11. MAIN GROUND BUS SHALL BE CONSTRUCTED FROM 1/4 IN. x 2 IN. TINNED COPPER COMPLETE WITH 6x #2/0-#6 AWG ALCU LUGS.
12. NEUTRAL BUS AND MAIN GROUND BUS SHALL INCLUDE 1 IN. GROUNDING STUD.
13. METERING INSTRUMENT COMPARTMENT SHALL INCLUDE BARRIERS TOP AND BOTTOM. COMPARTMENT SHALL HAVE A HINGED SEALED COVER.
14. METERING INSTRUMENT COMPARTMENT SHALL INCLUDE CURRENT TRANSFORMER SHIPPING BRACES. CONTRACTOR TO COORDINATE CURRENT TRANSFORMERS INSTALLATION WITH BC HYDRO.
15. PROVIDE 12mm THICK NEPRENE CLOSED CELL GASKET BETWEEN KIOSK BASE AND CONCRETE PAD.
16. WIREWAYS WITH DEADFRONT COVERS, SEALING SCREWS PROVIDED AS REQUIRED.
17. MAIN BREAKER INCLUDES PADLOCK ATTACHMENT.
18. COOLING FAN WITH SNAP SWITCH THERMOSTAT LOCATED IN CEILING PANEL.
19. 500W FAN-FORCED HEATER WITH BUILT-IN THERMOSTAT LOCATED ON DOOR.
20. PANEL BOARD CIRCUIT BREAKERS WIRED TO TERMINAL BLOCOS.



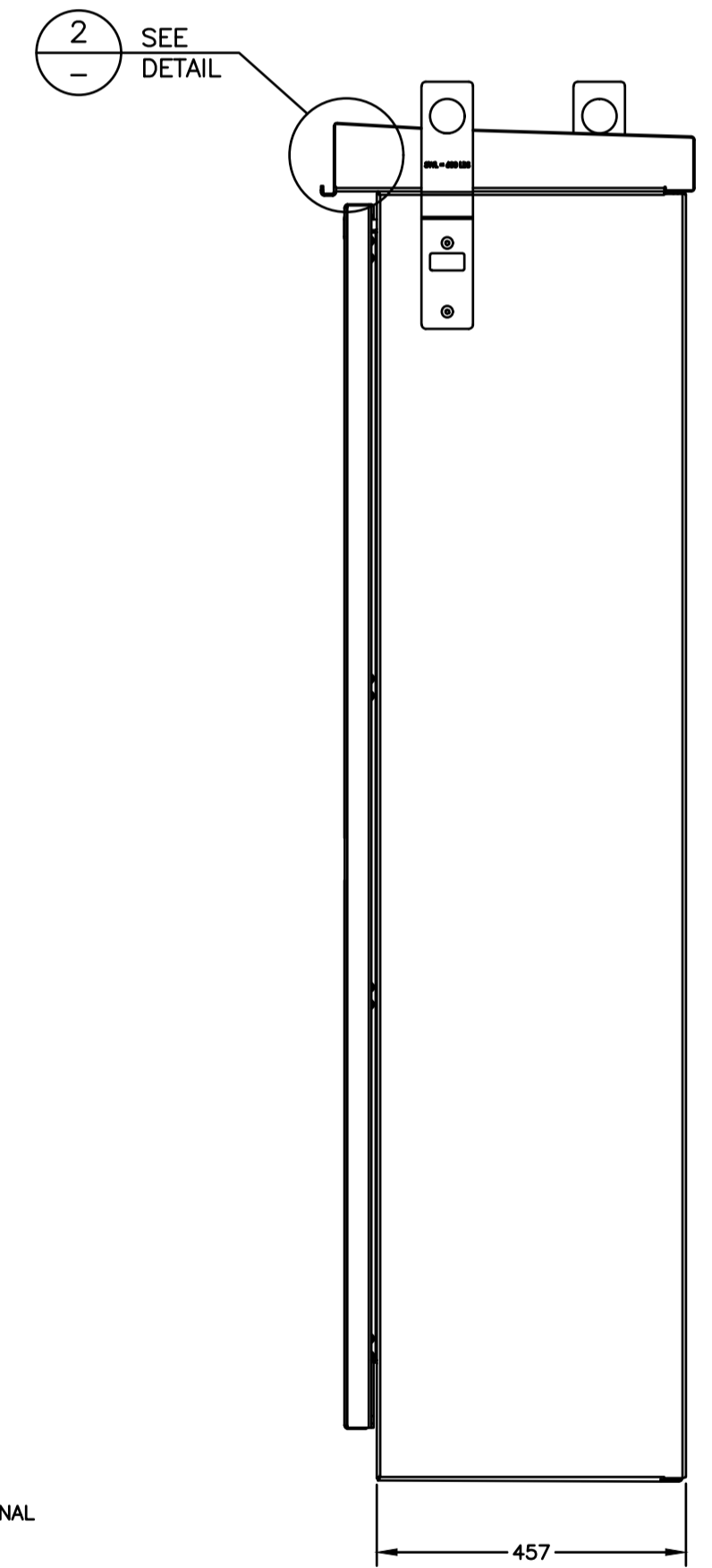
ELEVATION A SERVICE KIOSK - FRONT VIEW
1:10 E02



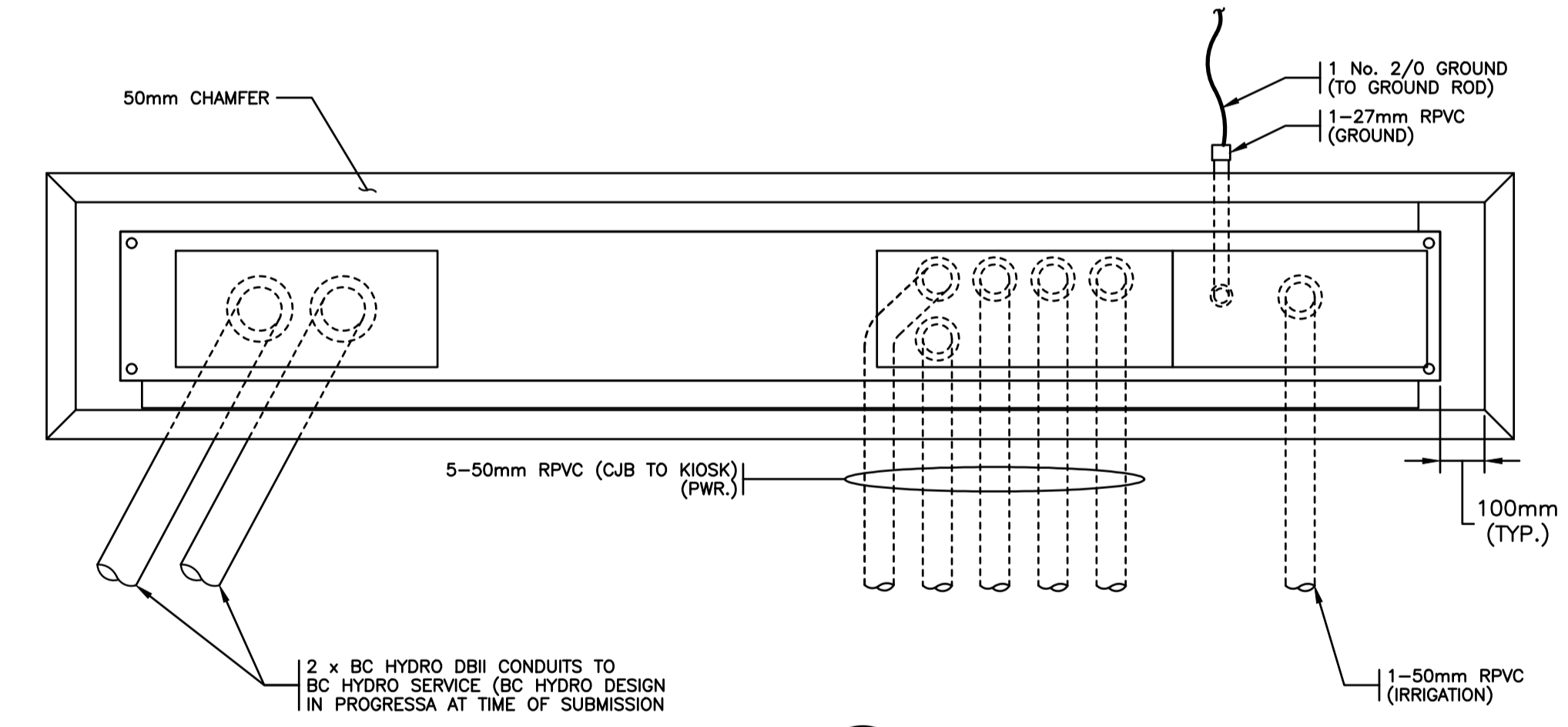
DETAIL 2 KIOSK ROOF
N.T.S. (TYP.)



DETAIL 1 SERVICE KIOSK LAYOUT
1:10



ELEVATION 2 SERVICE KIOSK - SIDE VIEW
1:10

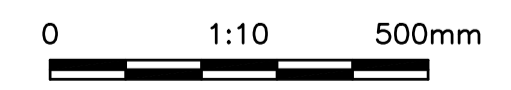


SECTION A
N.T.S.

FUNCTIONAL DESIGN ONLY
CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR ENGINEER'S APPROVAL PRIOR TO FABRICATION

ALL EQUIPMENT IS PROPOSED UNLESS NOTED OTHERWISE

ISSUED FOR NRFP
NOT FOR CONSTRUCTION



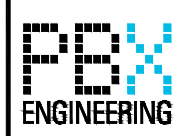
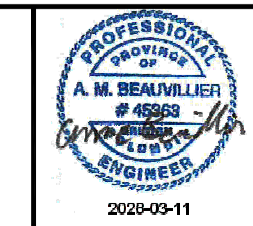
ELECTRICAL DRAWING: E04

File: P:\251120_Langford_Veterans Memorial Park Expansion\Drawings\ACAD\251120_E04_1.dwg

REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPRD
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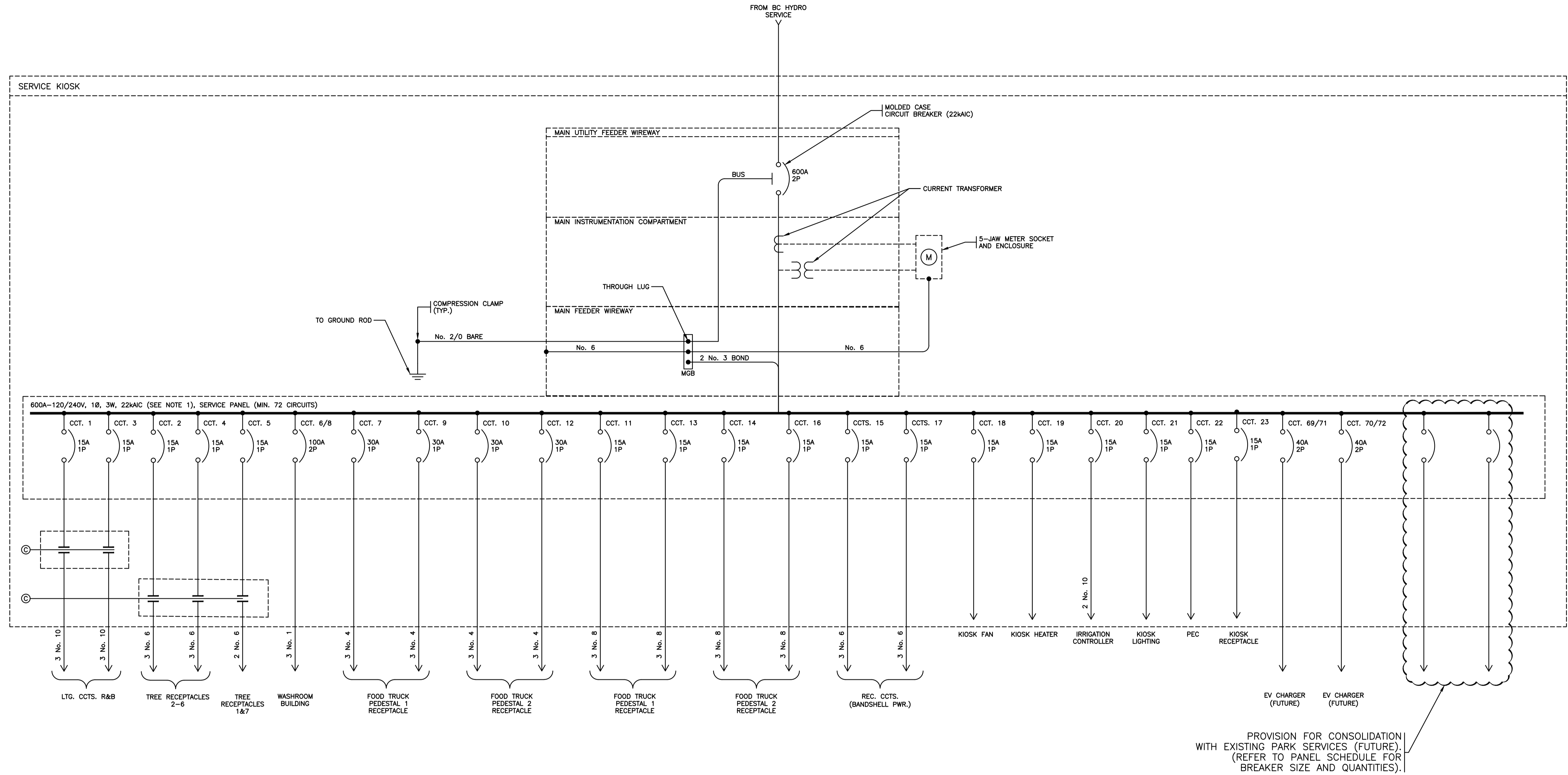


VETERANS MEMORIAL PARK EXPANSION
SERVICE KIOSK LAYOUT



PBX ENGINEERING Ltd.
Suite 201 - 1221 Blund St.
Victoria BC V8W 2A4
Tel 250.368.7222
www.pbxing.com

ISSUED FOR NRFP		DESIGN NO.		34472	
SCALE	AS NOTED	CREATION DATE	DESIGN BY	APPROVED BY	DWG. NO.
DRAWN BY	PBX	DESIGN BY	MJA	APPROVED BY	4
CHECKED BY	AB	APPROVED BY	AB		6
PLOT DATE	March 11, 2026				REV. 1



SERVICE KIOSK - SINGLE LINE DIAGRAM

NOTES:

- BRANCH BREAKERS MAY ALTERNATIVELY BE SERIES RATED WITH THE MAIN CIRCUIT BREAKER.

ALL EQUIPMENT IS PROPOSED
 UNLESS NOTED OTHERWISE

ISSUED FOR NRFP
 NOT FOR CONSTRUCTION

ELECTRICAL DRAWING: E05

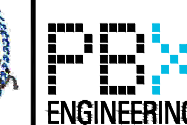
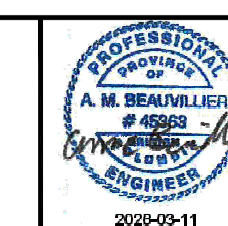
ISSUED FOR NRFP

34472

REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPRD
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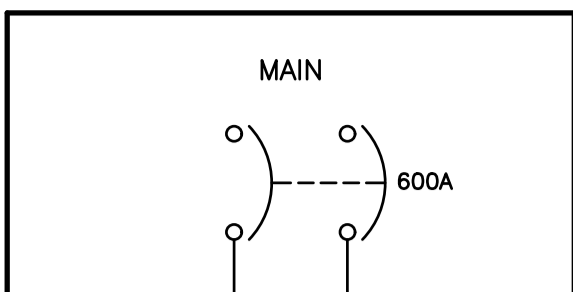


VETERANS MEMORIAL PARK EXPANSION
 SERVICE KIOSK SINGLE LINE DIAGRAM



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 Suite 201 - 1221 Blund St.
 Victoria BC V8W 2A4
 Tel 250.368.7222
 www.pbxeng.com

SCALE	N/A	CREATION DATE	DWG. NO.
DRAWN BY	PBX	DESIGN BY	MJA
CHECKED BY	AB	APPROVED BY	AB
PLOT DATE	March 11, 2026		REV. 1



LOAD VA	LOCATION	BKR A	CIRCUIT NO.	BKR A	LOCATION	LOAD VA
187	LTG. CCT. R	15	1	15	TREE REC. 3&5	526
140	LTG. CCT. B	15	3	15	TREE REC. 2,4,6	526
526	TREE REC. 1&7	15	5	15	WASHROOM BUILDING	10,526
2880	FOOD TRUCK PEDESTAL 1 REC. A	30	7	100		
2880	FOOD TRUCK PEDESTAL 1 REC. B	30	9	30	FOOD TRUCK PEDESTAL 2 REC. A	2880
1440	FOOD TRUCK PEDESTAL 1 REC. C	15	11	30	FOOD TRUCK PEDESTAL 2 REC. B	2880
1440	FOOD TRUCK PEDESTAL 1 REC. D	15	13	15	FOOD TRUCK PEDESTAL 2 REC. C	1440
526	BANDSHELL PWR.	15	15	15	FOOD TRUCK PEDESTAL 2 REC. D	1440
526	BANDSHELL PWR.	15	17	15	KIOSK FAN	105
500	KIOSK HEATER	15	19	15	IRRIGATION CONTROLLER	526
26	KIOSK LTG.	15	21	15	PEC	1
1440	KIOSK REC.	15	23	20	MEMORIAL LTG.	
	GARDEN REC.	15	25	20	PUMP CHAMBER GFCI REC.	
	GARDEN REC.	15	27	15	MEMORIAL REC.	
	MEMORIAL REC.	15	29	40	BAND SHELL PWR. REC. EXIST.	
	GAZEBO LTG.	15	31	40	BAND SHELL PWR. REC. EXIST.	
	FOUNTAIN LTG.	15	33	20	TREE REC. (EAST)	
	TREE REC. (NORTH)	20	35	20	TREE REC. (EAST)	
	TREE REC. (NORTH)	20	37	30	POLE REC.	
	TREE REC. (WEST)	20	39	20	TREE REC.	
	TREE REC. (WEST)	20	41	50	POLE REC. B	
	POLE REC. A	30	43	50	POLE REC. B	
	POLE REC. A	30	45	50	KIOSK CALIFORNIA	
	UNKNOWN	30	47	50	KIOSK CALIFORNIA	
	X-MAS TREE	30	49	30	EXIST. LTG. CCT. A	
	X-MAS TREE	30	51	30	EXIST. LTG. CCT. C	
	EXIST. LTG. CCT. D	30	53	20	REC. B	
	EXIST. LTG. CCT. B	30	55	15	DMX LTG.	
	REC. A	20	57			
	VORTEX	15	59			
			61			
			63			
			65			
			67			
(FUTURE)	EV CHARGER B		69		EV CHARGER A (FUTURE)	
			71			

CONTRACTOR SHALL CONFIRM EXIST. RECEPTACLES ARE APPROPRIATELY RATED TO MATCH THE BREAKERS

ORDERING OF CIRCUIT BREAKERS UNDER REVIEW AT TIME OF SUBMISSION

DENOTES EXISTING PARK LOADS. BREAKERS TO BE PROVIDED FOR FUTURE CONNECTION (BY OTHERS).

ALL EQUIPMENT IS PROPOSED UNLESS NOTED OTHERWISE

ISSUED FOR NRFP NOT FOR CONSTRUCTION

ELECTRICAL DRAWING: E06

PANEL SCHEDULE - SERVICE KIOSK
120/240V

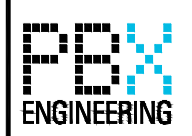
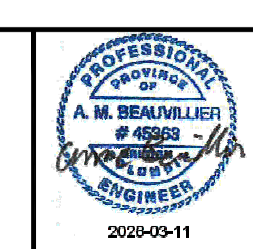
LOCATION _____ SERVICE KIOSK No. 1 PHASE A LOAD _____ XX KVA
VOLT _____ 120/240V PHASE B LOAD _____ XX KVA
MAX AMPACITY _____ 600A
PHASES _____ 2 TOTAL LOAD _____ XX KVA

File: P:\251120_Langford_Veterans_Memorial_Park_Expansion\Drawings\CAD\251120_E06_1.dwg

REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPRD
1	ISSUED FOR NRFP	11MAR26	PBX	AB



VETERANS MEMORIAL PARK EXPANSION
SERVICE KIOSK PANEL SCHEDULE

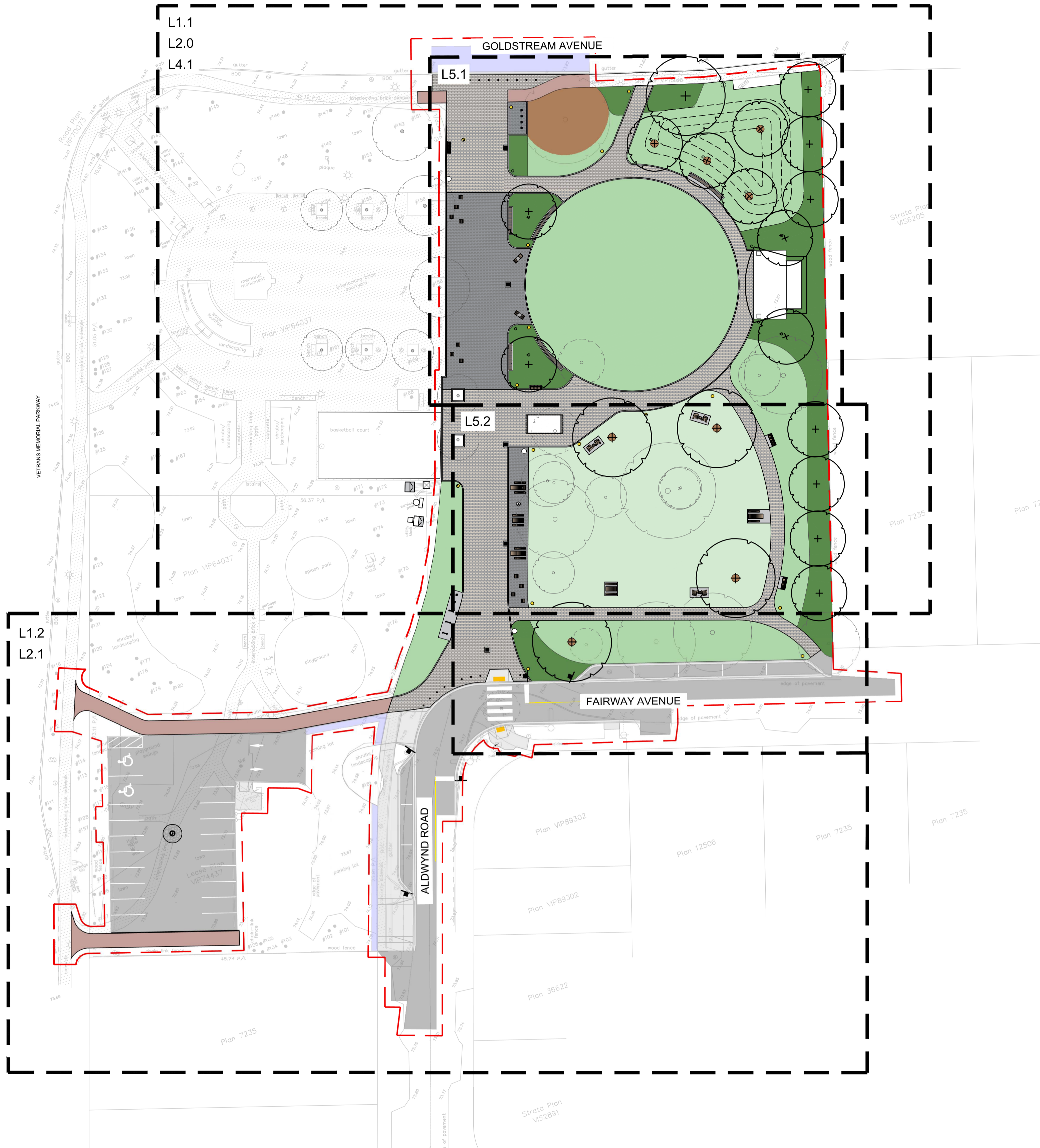


PBX ENGINEERING Ltd.
Suite 201 - 1221 Blundell St.
Victoria BC V8W 2A4
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www.pbxeng.com

SCALE	N/A	CREATION DATE	DWG. NO.
DRAWN BY	PBX	DESIGN BY	MJA
CHECKED BY	AB	APPROVED BY	AB
PLOT DATE	March 11, 2026		REV. 1

ISSUED FOR NRFP DESIGN NO. 34472

VETERANS MEMORIAL PARK EXPANSION LANDSCAPE ARCHITECTURE DRAWING SERIES



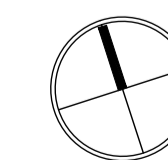
Sheet List Table	
Sheet Number	Sheet Title
L1.0	Layout Plan
L1.1	Materials Plan North
L1.2	Materials Plan South
L2.0	Grading Plan North
L2.1	Grading Plan South
L3.0	Furnishing Details
L3.1	Furnishing Details
L3.2	Paving Details
L4.0	Irrigation Notes & Schedule
L4.1	Irrigation Plan North
L4.2	Irrigation Plan South
L4.3	Irrigation Details
L5.0	Plant Schedule & Notes
L5.1	Planting Plan North
L5.2	Planting Plan South
L5.3	Planting Details

GENERAL NOTES

- PRIMARY REFERENCE: MASTER MUNICIPAL CONSTRUCTION DOCUMENTS 2019 (MMCD 2019) AND CITY OF LANGFORD BYLAW 1000.
- ALL MEASUREMENTS IN METRES UNLESS OTHERWISE NOTED.
- BASE INFORMATION INCLUDED IS FOR REFERENCE ONLY. ALL EXISTING FEATURES ARE TO BE VERIFIED PRIOR TO CONSTRUCTION.
- INFORM THE PROJECT LANDSCAPE ARCHITECT OF ANY DISCREPANCIES BETWEEN PLAN DETAILS AND IN-FIELD MEASUREMENTS. COMPLETION OF UNAUTHORIZED CHANGES MAY BE SUBJECT TO REJECTION.
- REFER TO ENGINEERING DRAWINGS FOR U/G SERVICES LOCATIONS AND INFORMATION PRIOR TO LANDSCAPE IMPROVEMENTS. ALL EXISTING UTILITIES TO BE IDENTIFIED BY THE CONTRACTOR PRIOR TO COMMENCING CONSTRUCTION.
- REFER TO CIVIL FOR ALL ROADWAY AND CARPARK GRADING, CIVIL WORKS AND DETAILS, UNLESS OTHERWISE NOTED ON DRAWINGS. REFER TO ELECTRICAL FOR ALL ELECTRICAL WORKS.
- CONTRACTOR TO MAKE GOOD ALL CONSTRUCTION RELATED DAMAGE OUTSIDE THE LIMIT OF WORK.
- CONTRACTOR TO PROVIDE TREE MANAGEMENT PLAN PREPARED BY CERTIFIED ARBORIST PRIOR TO CONSTRUCTION WORK COMMENCING. PROJECT ARBORIST TO SUPERVISE TREE PROTECTION AND TREE REMOVAL.
- DESIGNS, PLANS AND RECOMMENDATIONS ARE PROVIDED FOR THE SPECIFIC PURPOSE INDICATED HEREIN AND MAY NEED TO BE MODIFIED DEPENDING ON ACTUAL FIELD CONDITIONS THAT MAY BE DISCOVERED DURING CONSTRUCTION. LANARC 2015 CONSULTANTS LTD. EXPRESSLY DENIES ANY RESPONSIBILITY FOR CONSTRUCTED WORKS THAT ARE SUBJECT TO SITE CONDITIONS THAT AFFECT THE INTEGRITY OF THE DESIGN.
- THIS DRAWING SET AND THIS DESIGN ARE THE PROPERTY OF LANARC 2015 CONSULTANTS LTD. (LANARC) AND SHALL NOT BE USED, REUSED OR REPRODUCED WITHOUT THE CONSENT OF LANARC. LANARC WILL NOT BE HELD RESPONSIBLE FOR THE IMPROPER OR UNAUTHORIZED USE OF THIS DRAWING SET AND DESIGN, OR ANY CHANGES MADE TO THE DRAWINGS BY ANY THIRD PARTY, INCLUDING CONTRACTORS, SUPPLIERS, CONSULTANTS, AND STAKEHOLDERS, OR THEIR EMPLOYEES OR AGENTS, WITHOUT LANARC'S PRIOR WRITTEN CONSENT.
- LANARC HAS PREPARED THESE DRAWINGS IN A MANNER CONSISTENT WITH THAT LEVEL OF CARE AND SKILL ORDINARILY EXERCISED BY MEMBERS OF THE LANDSCAPE ARCHITECTURE PROFESSION CURRENTLY PRACTICING UNDER SIMILAR CONDITIONS IN THE JURISDICTION IN WHICH THE SERVICES ARE PROVIDED, SUBJECT TO THE TIME LIMITS AND PHYSICAL CONSTRAINTS APPLICABLE TO THE PROJECT.

ABBREVIATIONS:

APPROX	Approximate	EJ	Expansion Joint	OD	Outside Diameter
ARCH	Architect	EQ	Equal	PL	Property Line
AVG	Average	EX	Existing	PG	Proposed Grade
BLDG	Building	TYP	Typical	SPECS	Specifications
BS	Bottom of Stair	TW	Top of Wall	SS	Stainless Steel
BW	Bottom of Wall	WWM	Welded Wire Mesh	TBC	To be Coordinated
C/W	Complete With	EG	Existing Grade	TS	Top of Stair
CIP	Cast-in-place	FG	Finished Grade	THK	Thick
CL	Center Line	FFE	Finished Floor Elevation		
CRZ	Critical Root Zone	HT	Height		
CONC	Concrete	HSS	Hollow Structural Steel		
COL	City of Langford	MIN	Minimum		
DIA	Diameter	MAX	Maximum		
DIM	Dimension	NIC	Not in Contract		
DWG	Drawing	OC	On Centre		



ISSUED FOR NRFP DESIGN NO.

34472

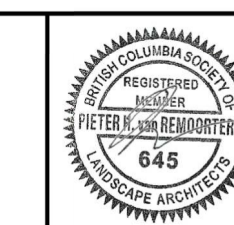
REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPRD
1	CONCEPT PACKAGE	25.12.19	SFJ	VW
2	90% DETAILED DESIGN	26.01.30	SFJ	VW
3	ISSUED FOR NRFP	26.02.25	SFJ	VW
4	ISSUED FOR NRFP	26.03.11	SFJ	VW

Langford
where it all happens.

LANARC

VETERANS MEMORIAL
PARK EXPANSION

LAYOUT PLAN



1051 Vancouver St. Victoria, BC V8V 3K3
T: (250)361-1320 F: (604)629-5756

SCALE	1:400	CREATION DATE	February 17, 2026	DWG. NO.	L1.0
DRAWN BY	SFJ	DESIGN BY	SFJ/VW		
CHECKED BY	VW	APPROVED BY	PVR		1 OF 16
PLOT DATE	March 10, 2026				REV. 4

NOTES

- REFER TO GENERAL NOTES ON L1.0.
- ALL PRECAST CONCRETE PAVERS TO BE VEHICLE GRADE UNLESS NOTED ON PLAN.

EXTENT OF WORKS

DASHED LINE REPRESENTS EXTENT OF PEDESTRIAN GRADE PRECAST CONCRETE PAVERS

POWER PEDESTAL FOR FOOD TRUCKS, TYP. SEE ELECTRICAL

SALVAGE AND REINSTALL EXISTING WASTE RECEPTACLE

BOLLARD LIGHT TYP. SEE ELECTRICAL

DASHED LINE REPRESENT APPROXIMATE SRW REQUIRED BY CRD AND BC HYDRO/TELUS

ALL WORKS WITHIN ROOT ZONES OF EXISTING TREES TO BE REVIEWED AND APPROVED BY PROJECT ARBORIST

POLE-TOP LUMINAIRE TYP. SEE ELECTRICAL
ELECTRICAL KIOSK, SEE ELECTRICAL

DASHED LINE REPRESENTS EXTENT OF PEDESTRIAN GRADE PRECAST CONCRETE PAVERS

EXISTING BUS SHELTER TO BE RELOCATED WEST OF ALDWYND PED STREET - DESIGN TBC BY CITY
EXISTING WASTE RECEPTACLE TO REMAIN

EXISTING FENCE ALONG PROPERTY LINE TO REMAIN

LIGHT RECEPTACLES FOR TREE HOLIDAY LIGHTS, SEE ELECTRICAL, TYP.

DASHED LINE REPRESENTS EXTENT OF PEDESTRIAN GRADE PRECAST CONCRETE PAVERS

MATCHLINE SEE L1.2 - MATERIALS PLAN SOUTH

SURFACE FINISHES

- A** C.I.P. CONCRETE FURNISHING PAD
LIGHT BROOM FINISH WITH SAW CUT SCORE JOINTS
REFER TO DETAIL: 05/L3.2
- B** PRECAST CONCRETE PAVER TYPE 1
CLASSIC STANDARD PAVER BY BELGARD, OR APPROVED EQUAL. 112.5 X 225MM. RUNNING BOND.
FOR BUILDUP DETAILS REFER TO: 01&02/L3.2
FOR LAYOUT/PATTERNING DETAILS SEE: 04/L3.2
- C** PRECAST CONCRETE PAVER TYPE 2
CLASSIC STANDARD PAVER BY BELGARD, OR APPROVED EQUAL. 112.5 X 225MM. RUNNING BOND.
FOR BUILDUP DETAILS REFER TO: 01&02/L3.2
FOR LAYOUT/PATTERNING DETAILS SEE: 04/L3.2
- D** PRECAST CONCRETE PAVER TYPE 3
LEGEND PAVER BY BELGARD - CITY OF LANFORD STANDARD HEX AND SQUARE PAVERS, RED COLOUR
REFER TO DETAIL: 01/L3.2
- E** FLUSH CONCRETE EDGE
150mm WIDE CIP CONCRETE PAVER EDGE
REFER TO DETAIL: 03/L3.2
- F** CATCH BASIN
VODALAND 22X22 PLASTIC CATCH BASIN (BASE 550-CBP), WITH STAINLESS STEEL GRATE ADA/HEEL-PROOF, C CLASS.
REFER TO DETAIL: 05/L3.1

SITE FURNISHINGS

- BR** BIKE RACK
WISHBONE URBAN FORM 2 SPACE BIKE RACK
REFER TO DETAIL: 04/L3.1
- B1** BENCH TYPE 1
WISHBONE BAYVIEW BENCH BV-6
REFER TO DETAIL: 03/L3.0
- B2** BENCH TYPE 2
STREETLIFE ROUGH AND READY BENCHES
REFER TO DETAIL: 01/L3.0
- LC** LOUNGE CHAIR AND SIDE TABLE
WISHBONE JEM LOUNGE CHAIR & JEM SIDE TABLE.
REFER TO DETAIL: 02/L3.0
- PT** PICNIC TABLE
URBAN FORM HARVEST. SURFACE MOUNT TO CONCRETE PADS IN LAWN
REFER TO DETAIL: 05/L3.0
- SC** SEAT CUBE
STREETLIFE ROUGH & READY CUBES
REFER TO DETAIL: 04/L3.0
- CT** CAFE TABLE & CHAIRS
WISHBONE MENA CIRCULAR TABLE AND CHAIRS
REFER TO DETAIL: 03/L3.1
- WR** WASHROOM
PREFABRICATED WASHROOM BUILDING TO BE PROCURED BY THE CITY, SEE CIVIL AND ELECTRICAL FOR UTILITY CONNECTIONS.
- BS** BANDSHELL
SCHEMATIC FOOTPRINT SHOWN. TO BE PROCURED BY THE CITY, INCLUDING STRUCTURE AND STAGE.
- RB** REMOVABLE BOLLARD
WISHBONE DENMAN TWIST LOCK REMOVABLE BOLLARD
REFER TO DETAIL: 01/L3.1
- W2** INGROUND WASTE RECEPTACLE
SYBERTECH BELOW GROUND TRASH CANS, MILLENNIUM 3000 MODEL
REFER TO DETAIL: 02/L3.1

SOFTSCAPE

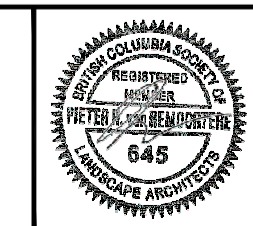
- G** NEW LAWN
REFER TO DETAIL: 02/L5.3
- H** NEW PLANTING AREA
REFER TO DETAIL: 03/L5.3
- A** BARK MULCH
REFER TO PLANTING DETAILS (L5.3)
- EXISTING TREE TO BE REMOVED
- EXISTING TREE TO BE RETAINED
- +** PROPOSED TREE
REFER TO DETAIL: 01/L5.3

REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPRD
1	CONCEPT PACKAGE	25.12.19	SFJ	VW
2	90% DETAILED DESIGN	26.01.30	SFJ	VW
3	ISSUED FOR NRFP	26.02.25	SFJ	VW
4	ISSUED FOR NRFP	26.03.11	SFJ	VW



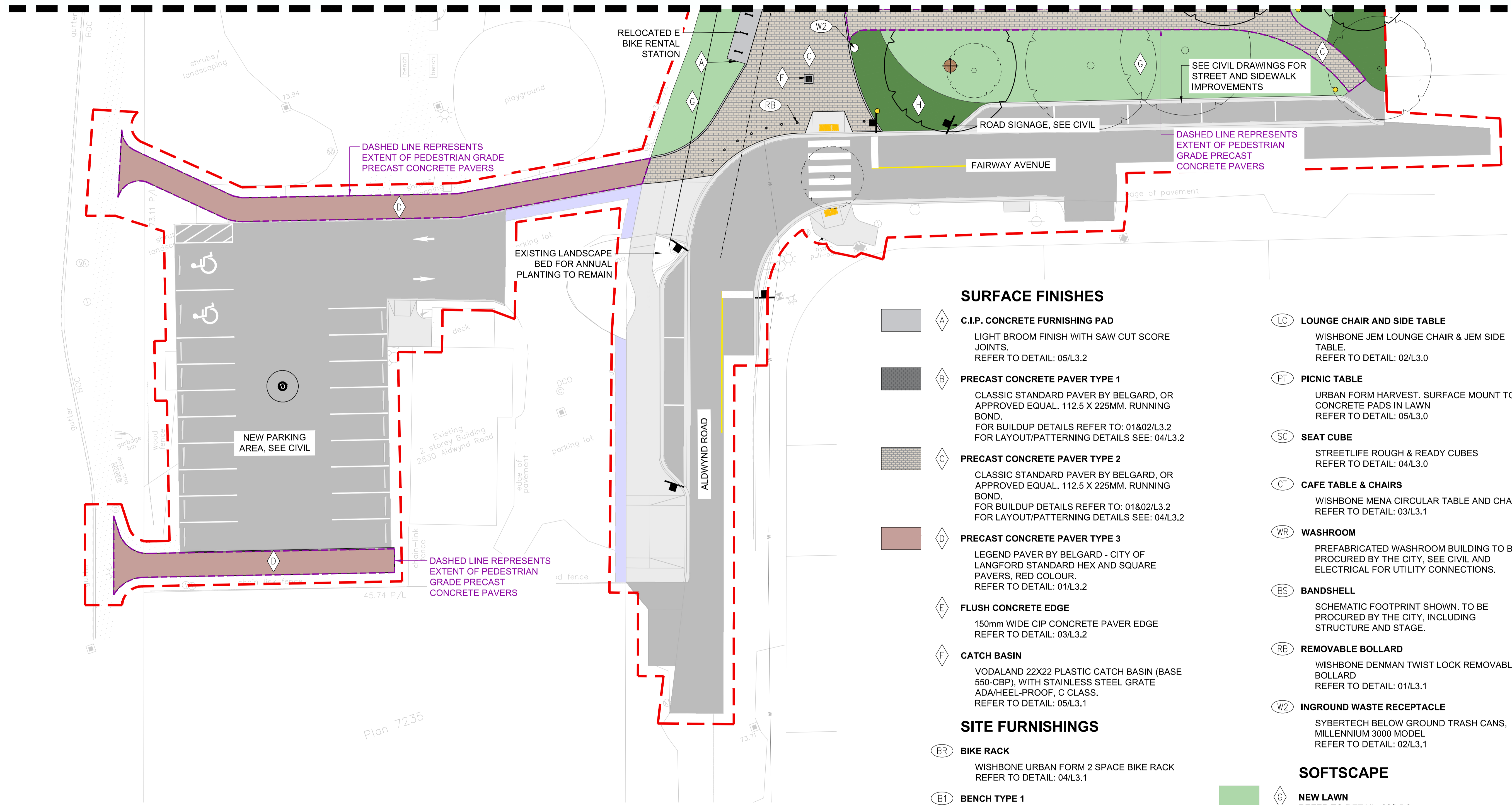
VETERANS MEMORIAL PARK EXPANSION

MATERIALS PLAN NORTH



ISSUED FOR NRFP		DESIGN NO.	34472
SCALE	1:400	CREATION DATE	February 17, 2026
DRAWN BY	SFJ	DESIGN BY	SFJ/VW
CHECKED BY	VW	APPROVED BY	PVR
PLOT DATE	March 10, 2026		

MATCHLINE SEE L1.1 - MATERIALS PLAN NORTH



SURFACE FINISHES

- A** C.I.P. CONCRETE FURNISHING PAD
LIGHT BROOM FINISH WITH SAW CUT SCORE JOINTS.
REFER TO DETAIL: 05/L3.2
- B** PRECAST CONCRETE PAVER TYPE 1
CLASSIC STANDARD PAVER BY BELGARD, OR APPROVED EQUAL. 112.5 X 225MM. RUNNING BOND.
FOR BUILDDUP DETAILS REFER TO: 01&02/L3.2
FOR LAYOUT/PATTERNING DETAILS SEE: 04/L3.2
- C** PRECAST CONCRETE PAVER TYPE 2
CLASSIC STANDARD PAVER BY BELGARD, OR APPROVED EQUAL. 112.5 X 225MM. RUNNING BOND.
FOR BUILDDUP DETAILS REFER TO: 01&02/L3.2
FOR LAYOUT/PATTERNING DETAILS SEE: 04/L3.2
- D** PRECAST CONCRETE PAVER TYPE 3
LEGEND PAVER BY BELGARD - CITY OF LANGFORD STANDARD HEX AND SQUARE PAVERS, RED COLOUR.
REFER TO DETAIL: 01/L3.2
- E** FLUSH CONCRETE EDGE
150mm WIDE CIP CONCRETE PAVER EDGE
REFER TO DETAIL: 03/L3.2
- F** CATCH BASIN
VODALAND 22X22 PLASTIC CATCH BASIN (BASE 550-CBP), WITH STAINLESS STEEL GRATE ADA/HEEL-PROOF, C CLASS.
REFER TO DETAIL: 05/L3.1

SITE FURNISHINGS

- BR** BIKE RACK
WISHBONE URBAN FORM 2 SPACE BIKE RACK
REFER TO DETAIL: 04/L3.1
- B1** BENCH TYPE 1
WISHBONE BAYVIEW BENCH BV-6
REFER TO DETAIL: 03/L3.0
- B2** BENCH TYPE 2
STREETLIFE ROUGH AND READY BENCHES
REFER TO DETAIL: 01/L3.0

- LC** LOUNGE CHAIR AND SIDE TABLE
WISHBONE JEM LOUNGE CHAIR & JEM SIDE TABLE.
REFER TO DETAIL: 02/L3.0
- PT** PICNIC TABLE
URBAN FORM HARVEST. SURFACE MOUNT TO CONCRETE PADS IN LAWN
REFER TO DETAIL: 05/L3.0
- SC** SEAT CUBE
STREETLIFE ROUGH & READY CUBES
REFER TO DETAIL: 04/L3.0
- CT** CAFE TABLE & CHAIRS
WISHBONE MENA CIRCULAR TABLE AND CHAIRS
REFER TO DETAIL: 03/L3.1
- WR** WASHROOM
PREFABRICATED WASHROOM BUILDING TO BE PROCURED BY THE CITY, SEE CIVIL AND ELECTRICAL FOR UTILITY CONNECTIONS.
- BS** BANDSHELL
SCHEMATIC FOOTPRINT SHOWN. TO BE PROCURED BY THE CITY, INCLUDING STRUCTURE AND STAGE.
- RB** REMOVABLE BOLLARD
WISHBONE DENMAN TWIST LOCK REMOVABLE BOLLARD
REFER TO DETAIL: 01/L3.1
- W2** INGROUND WASTE RECEPTACLE
SYBERTECH BELOW GROUND TRASH CANS, MILLENNIUM 3000 MODEL
REFER TO DETAIL: 02/L3.1

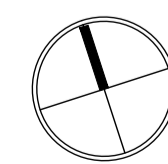
SOFTSCAPE

- G** NEW LAWN
REFER TO DETAIL: 02/L5.3
- H** NEW PLANTING AREA
REFER TO DETAIL: 03/L5.3
- BARK MULCH**
REFER TO PLANTING DETAILS (L5.3)
- EXISTING TREE TO BE REMOVED
- EXISTING TREE TO BE RETAINED
- ★** PROPOSED TREE
REFER TO DETAIL: 01/L5.3

NOTES

- REFER TO GENERAL NOTES ON L1.0.
- ALL PRECAST CONCRETE PAVERS TO BE VEHICLE GRADE UNLESS NOTED ON PLAN.

EXTENT OF WORKS



0 1:200 10

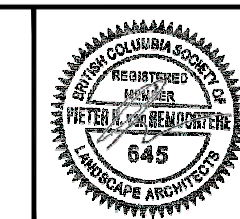
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REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPRD
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where it all happens.

VETERANS MEMORIAL PARK EXPANSION

MATERIALS PLAN SOUTH



ISSUED FOR NRFP DESIGN NO.

SCALE	1:200	CREATION DATE	February 17, 2026	DWG. NO.
DRAWN BY	SFJ	DESIGN BY	SFJ/VW	L1.2
CHECKED BY	VW	APPROVED BY	PVR	3 OF 16
PLOT DATE	March 10, 2026			REV. 4

34472



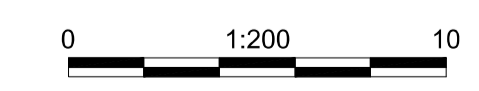
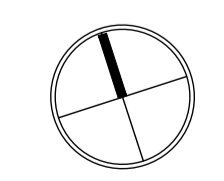
GRADING NOTES

1. CONTRACTOR SHALL FIELD VERIFY ALL GRADES PRIOR TO CONSTRUCTION AND INFORM THE CONTRACT ADMINISTRATOR OF ANY DISCREPANCY BETWEEN THE GRADES SHOWN ON THE PLANS AND 'AS-BUILT' GRADES IN THE FIELD.
2. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF PROPOSED CHANGES TO THE GRADING PLAN AND DRAINAGE SYSTEM PRIOR TO PROCEEDING WITH CONSTRUCTION.
3. SLOPES ON ALL HARDSCAPE SURFACES SHALL NOT EXCEED 2% CROSS SLOPE OR 5% LONGITUDINAL SLOPE, UNLESS OTHERWISE NOTED.
4. ALL HARDSCAPE SURFACES SHALL SLOPE TO DRAIN. CONTRACTOR SHALL NOTIFY ENGINEER IF DESIGNED GRADING WILL RESULT IN PONDING.
5. REFER TO CIVIL DRAWINGS FOR DRAINAGE.
6. REFER TO CIVIL FOR TOP OF CURB AND ROADWAY GRADES.
7. WHERE NEW HARDSCAPE SURFACES DIRECTLY ABUT EXISTING, MEET AND MATCH EXISTING GRADES, BOTH LONGITUDINALLY AND TRANSVERSELY TO PREVENT TRIP HAZARDS.
8. REFER TO GENERAL NOTES ON L1.00

GRADING LEGEND

- EG Existing Grade
- PG Proposed Grade
- Catch Basin. See Detail 05/L3.1

MATCHLINE SEE L2.1 - GRADING PLAN SOUTH



ISSUED FOR NRFP DESIGN NO.

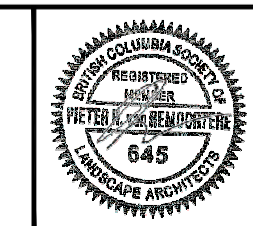
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VETERANS MEMORIAL PARK EXPANSION

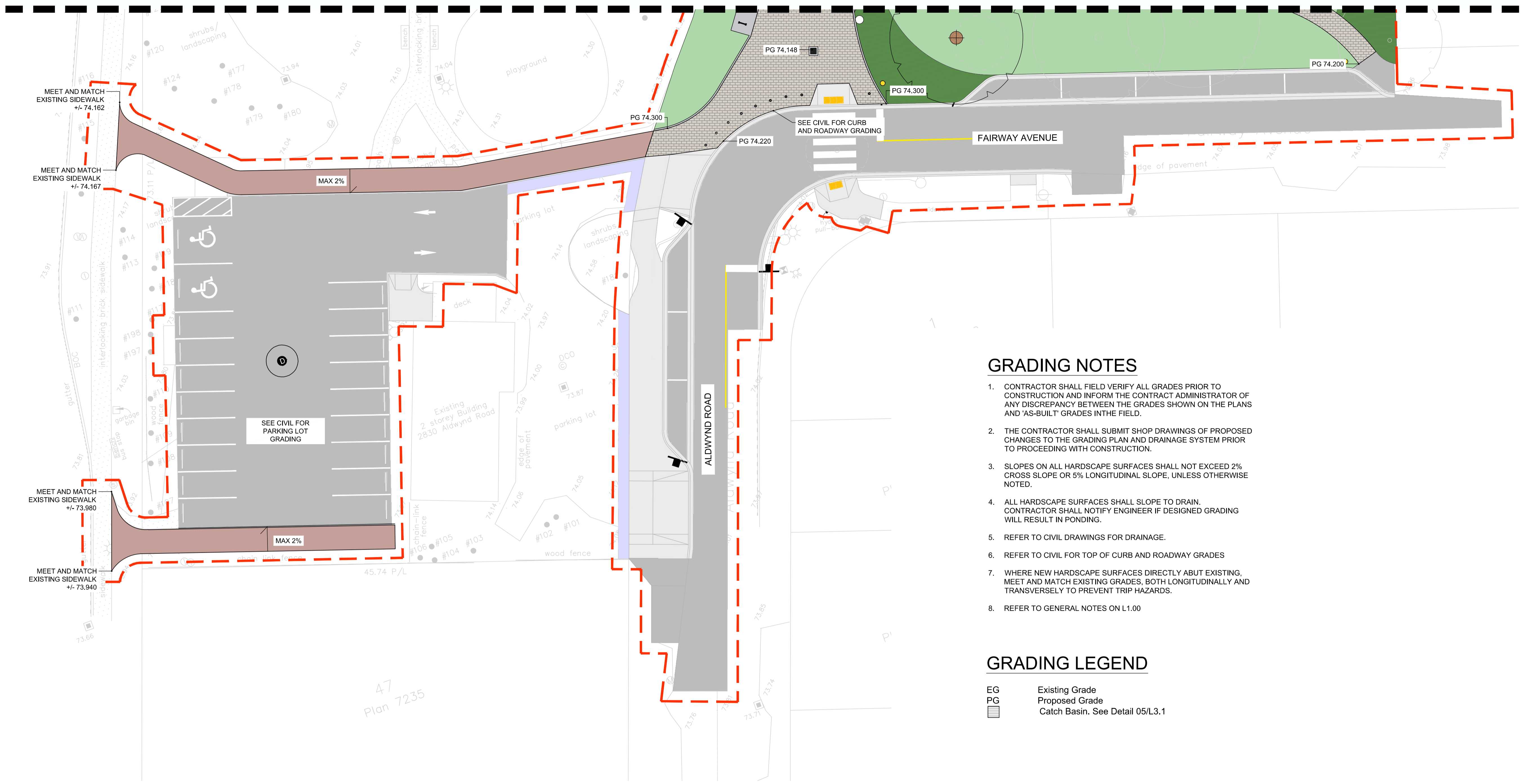
GRADING PLAN NORTH



SCALE	1:200	CREATION DATE	March 6, 2026	DWG. NO.
DRAWN BY	SFJ	DESIGN BY	SFJ/VW	L2.0
CHECKED BY	VW	APPROVED BY	BL	4 OF 16
PLOT DATE	March 10, 2026			REV. 4

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MATCHLINE SEE L2.0 - GRADING PLAN NORTH

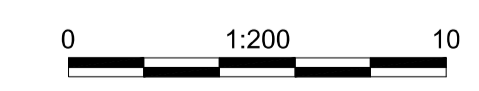
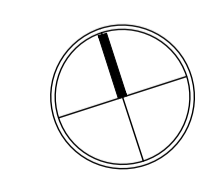


GRADING NOTES

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8. REFER TO GENERAL NOTES ON L1.00

GRADING LEGEND

- EG Existing Grade
- PG Proposed Grade
- ☐ Catch Basin. See Detail 05/L3.1



ISSUED FOR NRFP DESIGN NO.

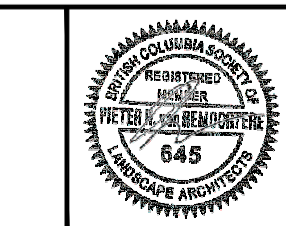
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VETERANS MEMORIAL PARK EXPANSION

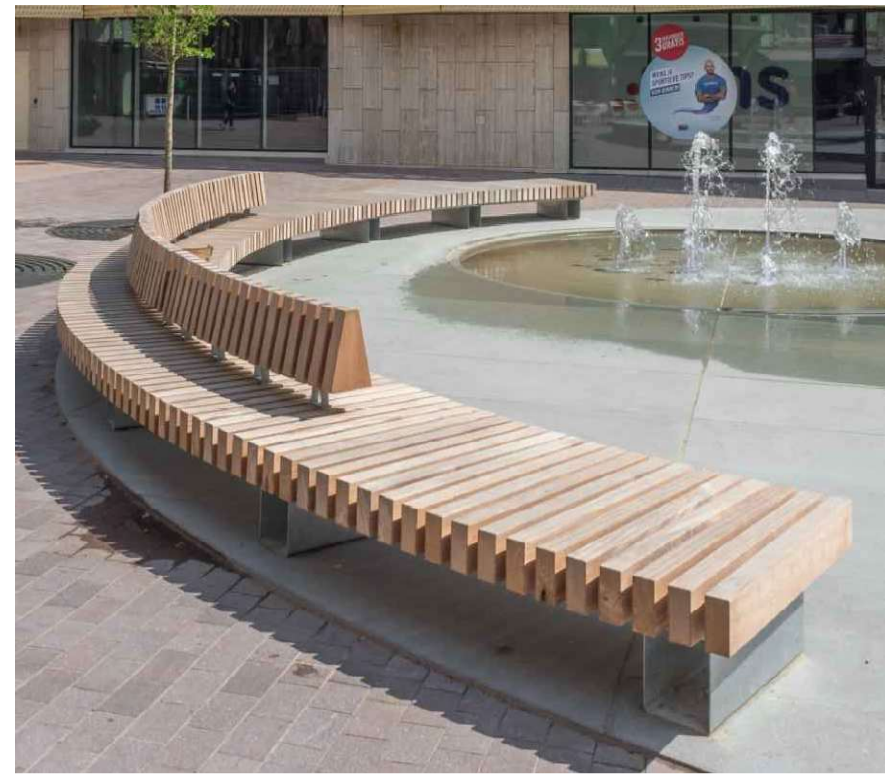
GRADING PLAN SOUTH



ISL
 #201, 3999 Henning Drive, Burnaby, B.C. V5C 6P9
 T: (604)629-2098 F: (604)629-2096

SCALE	1:200	CREATION DATE	March 6, 2026	DWG. NO.
DRAWN BY	SFJ	DESIGN BY	SFJ/VW	L2.1
CHECKED BY	VW	APPROVED BY	BL	5 OF 16
PLOT DATE	March 10, 2026			REV. 4

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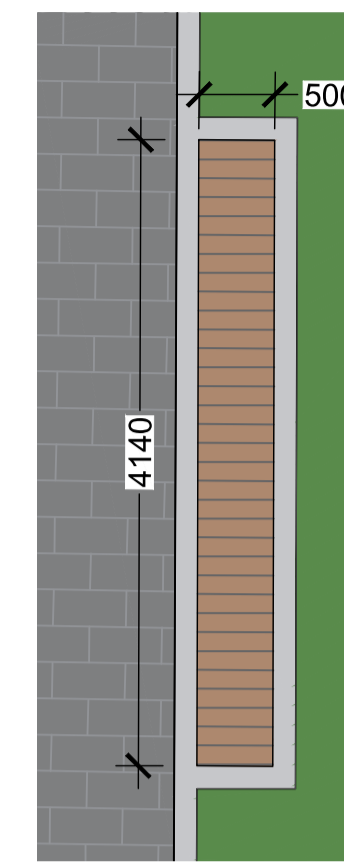


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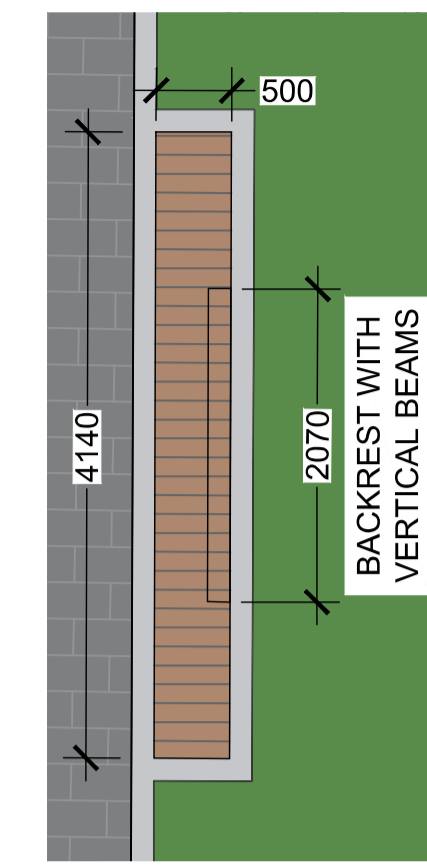
- STREETLIFE ROUGH AND READY BENCHS. REFER TO TYPE PLANS FOR PRODUCT VARIANTS AND DIMENSIONS.
- GALVANISED STEEL WITH ACCOYA TIMBER BATTENS
- SURFACE MOUNT TO C.I.P. CONCRETE PAD WITH STAINLESS STEEL MASONRY ANCHORS AND TAMPER PROOF FIXINGS.
- CIP CONCRETE PAD TO BE LOCATED BELOW ALL TYPE 2 BENCH.
- REFER TO MANUFACTURERS SPECIFICATIONS FOR DETAILS, DIMENSIONS, AND



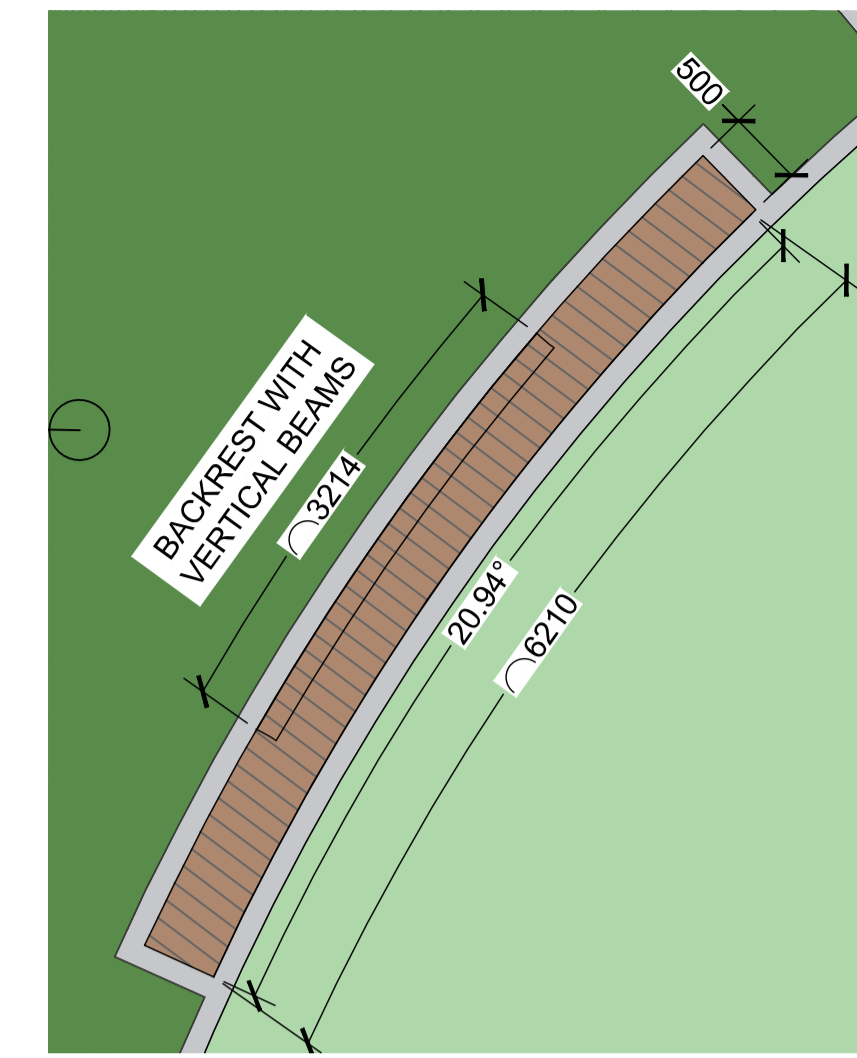
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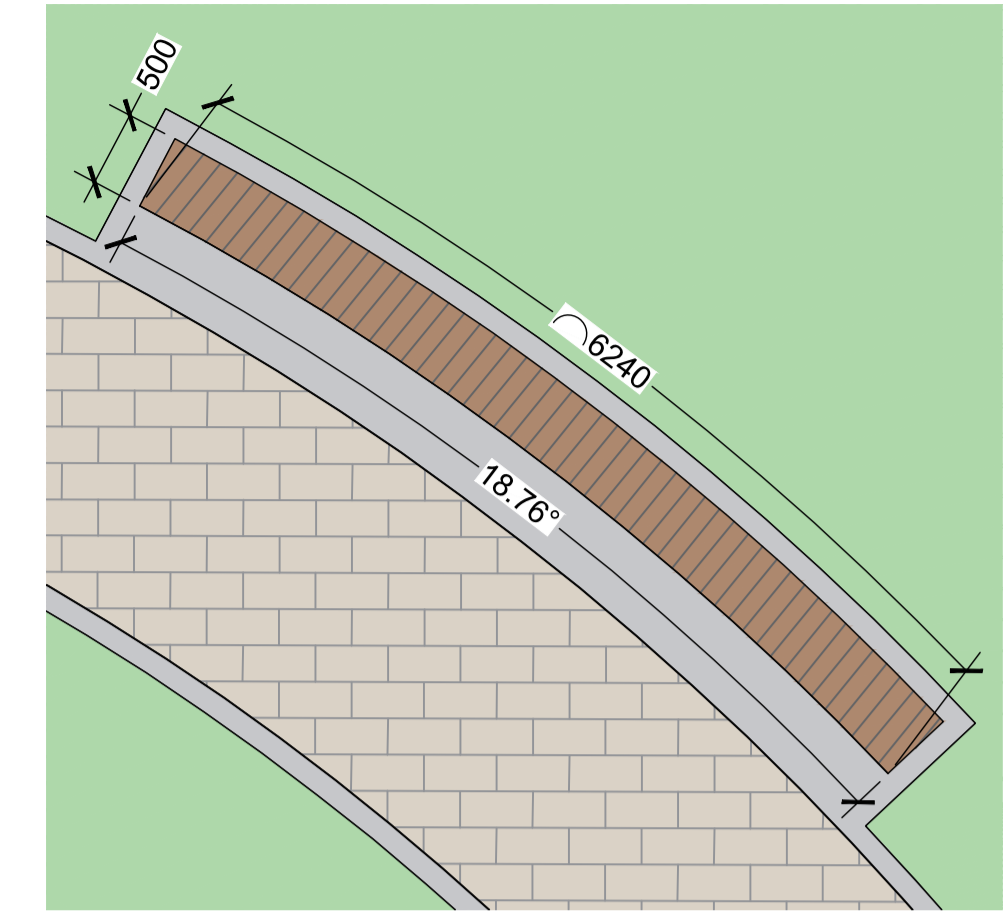
TYPE A 1:50



TYPE B 1:50



TYPE C 1:50



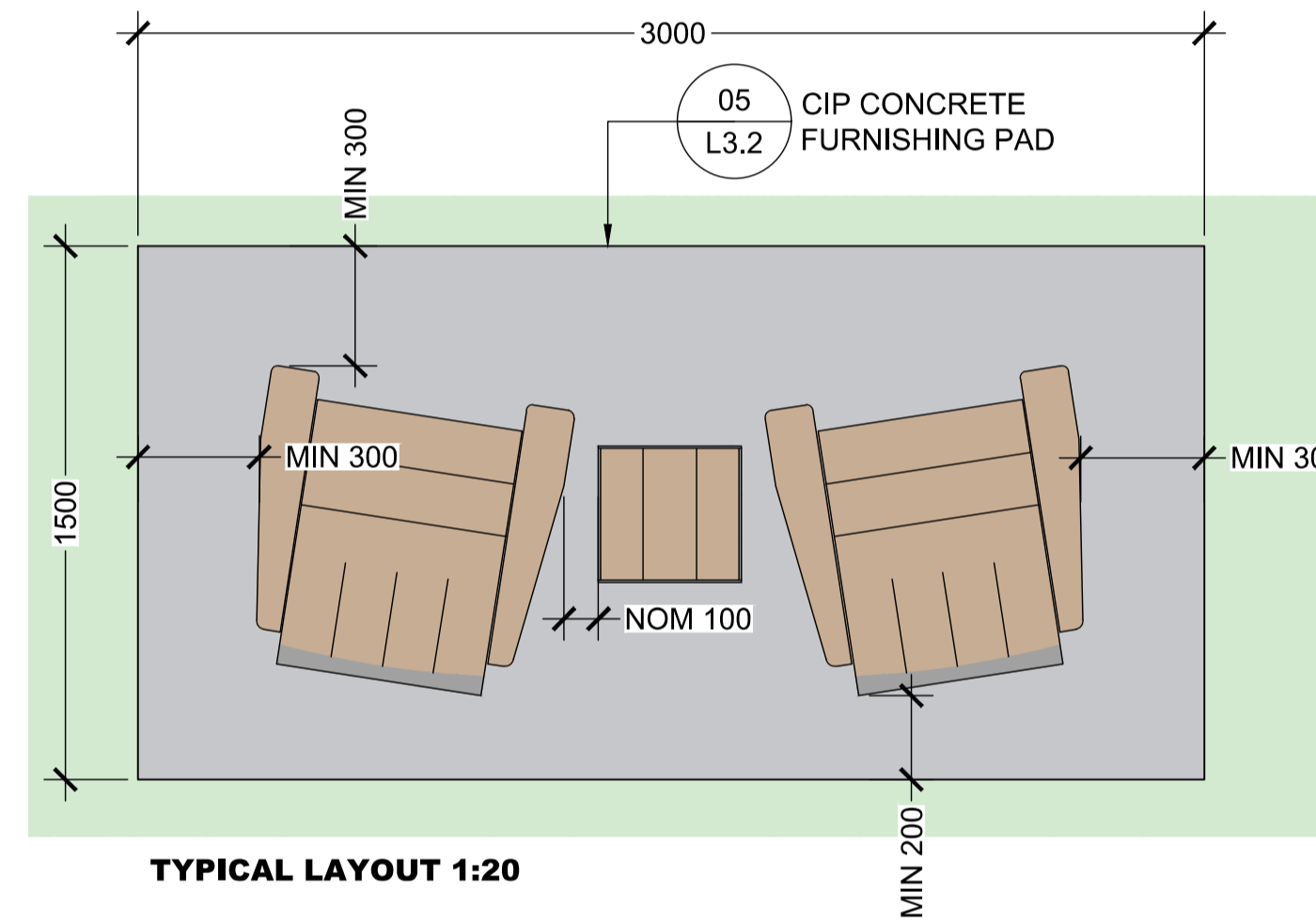
TYPE D 1:50

01 BENCH TYPE 2
SCALE: VARIES



NOTES:

- WISHBONE JEM LOUNGE CHAIR AND JEM SIDE TABLE
- STANDARD GUNMETAL POWDER COAT WITH 'SAND' COLOUR RECYCLED PLASTIC LUMBER
- SURFACE MOUNT TO C.I.P. CONCRETE PAD WITH STAINLESS STEEL MASONRY ANCHORS AND TAMPER PROOF FIXINGS.
- REFER TO MANUFACTURERS SPECIFICATIONS FOR DETAILS, DIMENSIONS, AND INSTALLATION INFORMATION.



TYPICAL LAYOUT 1:20



NOTES:

- WISHBONE BAYVIEW BENCH
- STANDARD GUNMETAL POWDER COAT WITH 'SAND' COLOUR RECYCLED PLASTIC LUMBER
- SURFACE MOUNT TO C.I.P. CONCRETE PAD WITH STAINLESS STEEL MASONRY ANCHORS AND TAMPER PROOF FIXINGS.
- FOR BENCHES ON PRECAST CONCRETE PAVERS, MOUNT TO WISHBONE'S STANDARD BASE IN-GROUND ANCHOR SYSTEM.
- REFER TO MANUFACTURERS SPECIFICATIONS FOR DETAILS, DIMENSIONS, AND INSTALLATION INFORMATION.

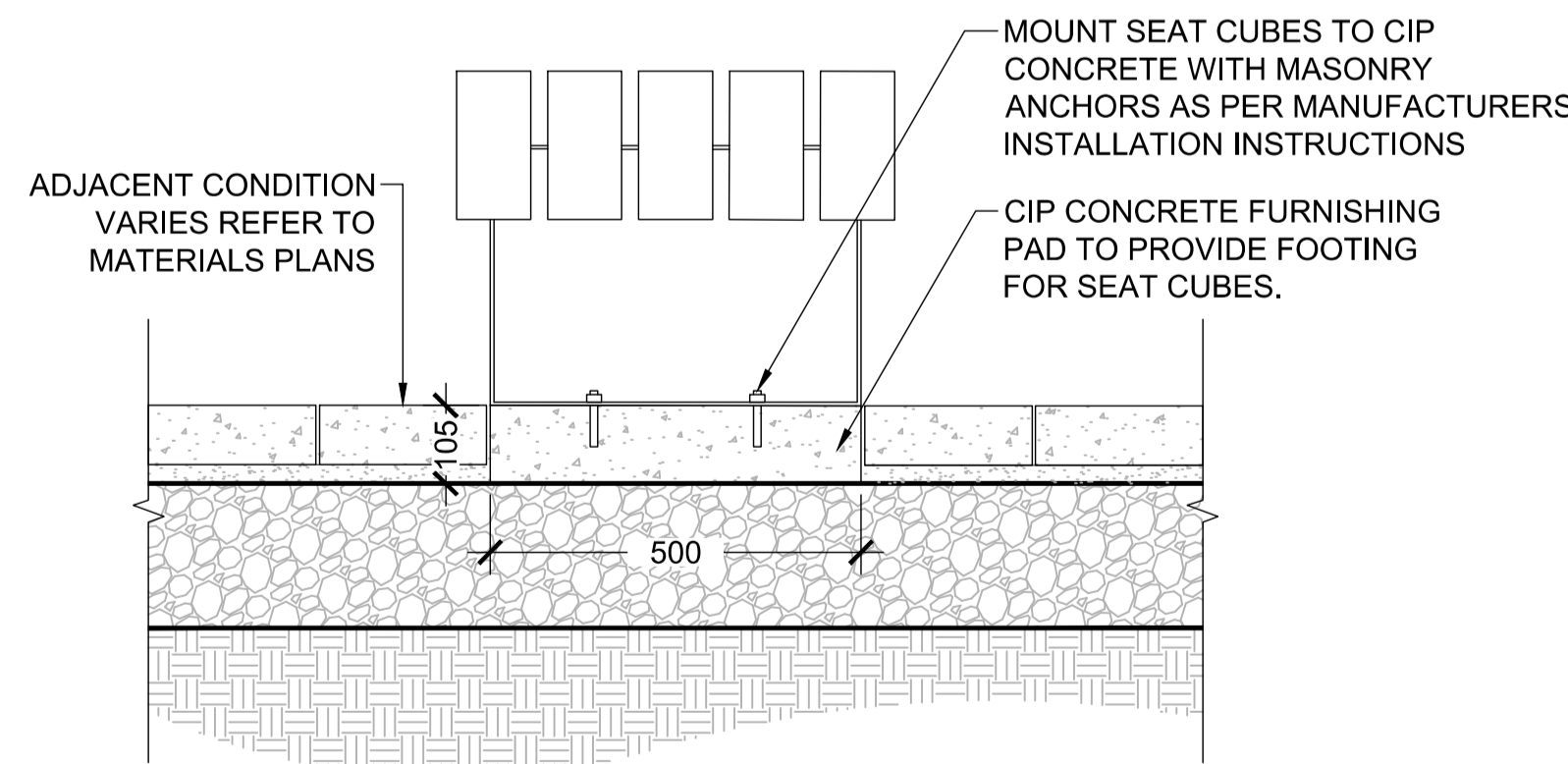
03 BENCH TYPE 1
SCALE: NTS

02 LOUNGE CHAIR & TABLE
SCALE: NTS



NOTES:

- STREETLIFE ROUGH AND READY SEAT CUBES 450MM HIGH X 590MM X 590MM
- GALVANISED STEEL WITH ACCOYA TIMBER BATTENS
- SURFACE MOUNT TO C.I.P. CONCRETE PAD WITH STAINLESS STEEL MASONRY ANCHORS AND TAMPER PROOF FIXINGS.
- REFER TO MANUFACTURERS SPECIFICATIONS FOR DETAILS, DIMENSIONS, AND INSTALLATION INFORMATION.



04 SEAT CUBES
SCALE: NTS



NOTES:

- WISHBONE URBAN FORM HARVEST PICNIC TABLE
- STANDARD GUNMETAL POWDER COAT WITH 'SAND' COLOUR RECYCLED PLASTIC LUMBER
- SURFACE MOUNT TO C.I.P. CONCRETE PAD WITH STAINLESS STEEL MASONRY ANCHORS AND TAMPER PROOF FIXINGS.
- FOR ITEMS ON PRECAST CONCRETE PAVERS, MOUNT TO WISHBONE'S STANDARD BASE IN-GROUND ANCHOR SYSTEM.
- REFER TO MANUFACTURERS SPECIFICATIONS FOR DETAILS, DIMENSIONS, AND INSTALLATION INFORMATION.

05 PICNIC TABLE
SCALE: NTS

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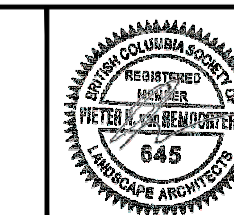
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**VETERANS MEMORIAL
PARK EXPANSION**

FURNISHING DETAILS

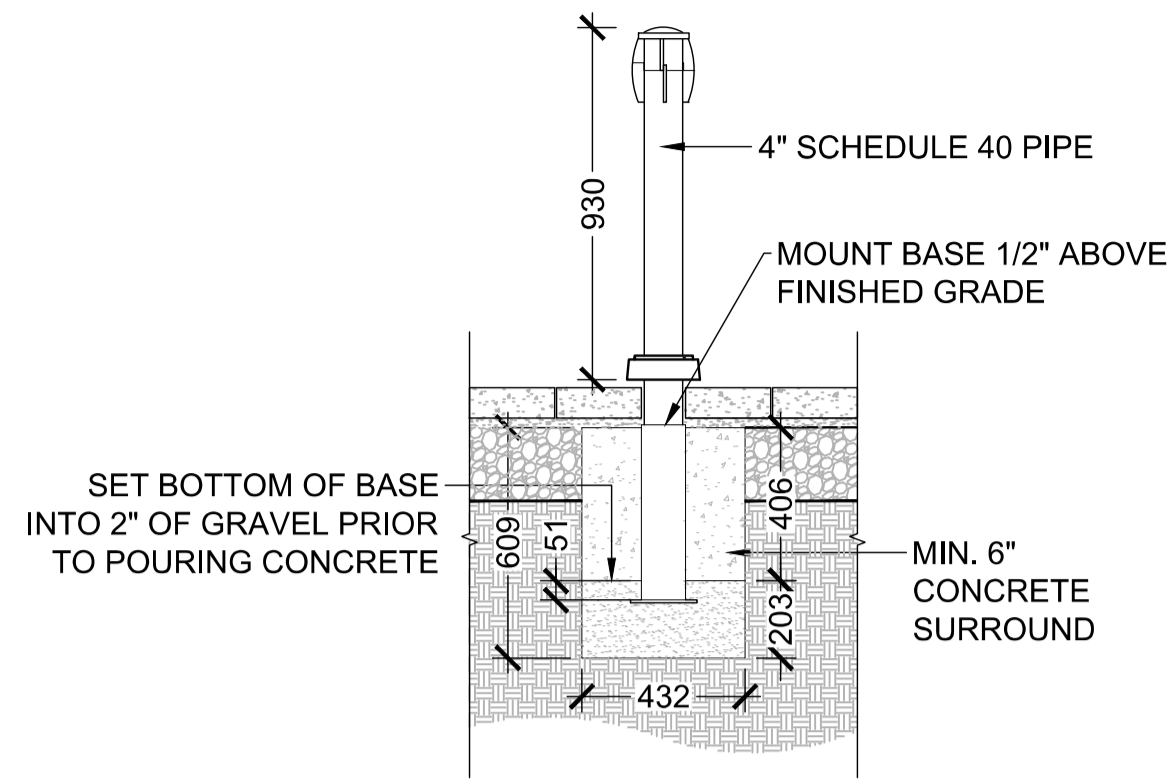


ISSUED FOR NRFP

DESIGN NO.

34472

SCALE	VARIES	CREATION DATE	March 6, 2026	DWG. NO.
DRAWN BY	SFJ	DESIGN BY	SFJ/VW	L3.0
CHECKED BY	VW	APPROVED BY	PVR	6 OF 16
PLOT DATE	March 10, 2026			REV. 4



NOTES:

- STYLE (MANUFACTURER):** WISHBONE DENMAN TWIST LOCK REMOVABLE BOLLARD.
- MATERIAL / FINISH:** COL BURGUNDY POWDER COAT.
- FEATURES:** PROVIDE LOCK FOR EACH BOLLARD WITH TWO KEYS.
- REFER TO MANUFACTURER FOR INSTALLATION, DIMENSIONS, AND DETAILS.

01 RETRACTABLE BOLLARD
SCALE: NTS



NOTES:

- SYBERTECH 3000 IN GROUND WASTE RECEPTACLE. STYLE: 3001-SCNEW
- COLOUR: BLACK
- FEATURES: MANUFACTURERS STANDARD MOLDED PLASTIC SKIRTING TO SURROUND. 9" ROUND OPENING OPTION FOR LID. INCLUDE MILENIUM 3000 STANDARD TRASH BAGS.
- REFER TO MANUFACTURERS SPECIFICATIONS FOR DETAILS, DIMENSIONS, AND INSTALLATION INFORMATION.

02 INGROUND WASTE RECEPTACLE
SCALE: NTS



NOTES:

- WISHBONE MENA CIRCULAR TABLE AND CHAIRS
- STANDARD GUNMETAL POWDER COAT WITH 'SAND' COLOUR RECYCLED PLASTIC LUMBER
- MOUNT TO WISHBONE'S STANDARD BASE IN-GROUND ANCHOR SYSTEM.
- REFER TO MANUFACTURERS SPECIFICATIONS FOR DETAILS, DIMENSIONS, AND INSTALLATION INFORMATION.

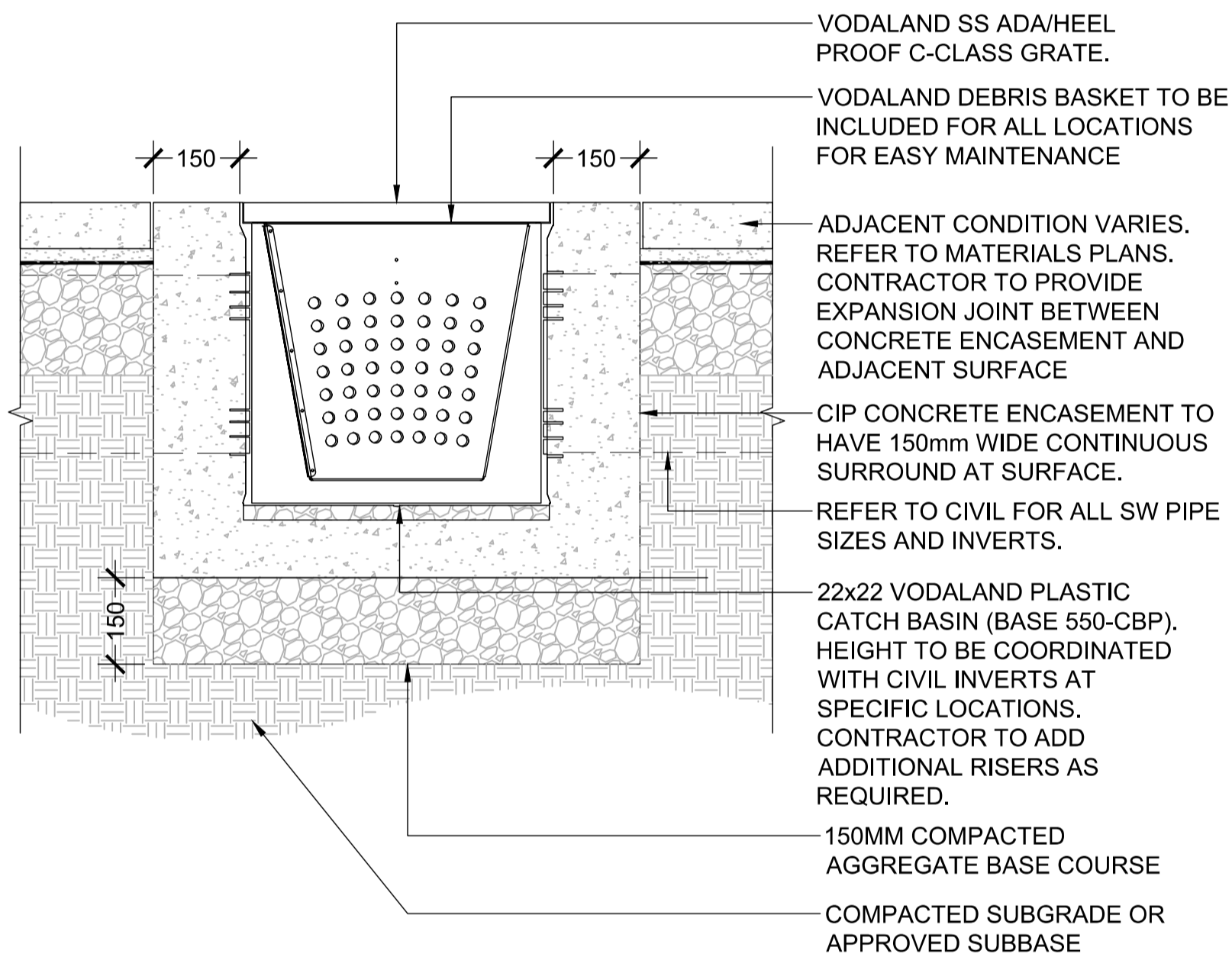
03 CAFE TABLE & CHAIRS
SCALE: NTS



NOTES:

- WISHBONE URBAN FORM 2 SPACE BIKE RACK
- STANDARD GUNMETAL POWDER COAT WITH 'SAND' COLOUR RECYCLED PLASTIC LUMBER
- SURFACE MOUNT TO C.I.P. CONCRETE PAD WITH STAINLESS STEEL MASONRY ANCHORS AND TAMPER PROOF FIXINGS.
- FOR ITEMS ON PRECAST CONCRETE PAVERS, MOUNT TO WISHBONE'S STANDARD BASE IN-GROUND ANCHOR SYSTEM.
- REFER TO MANUFACTURERS SPECIFICATIONS FOR DETAILS, DIMENSIONS, AND INSTALLATION INFORMATION.

04 BIKE RACK
SCALE: NTS



NOTES:

REFER TO MANUFACTURERS SPECIFICATIONS FOR DETAILS, DIMENSIONS, AND INSTALLATION INFORMATION.

05 CATCH BASIN
SCALE: 1:10

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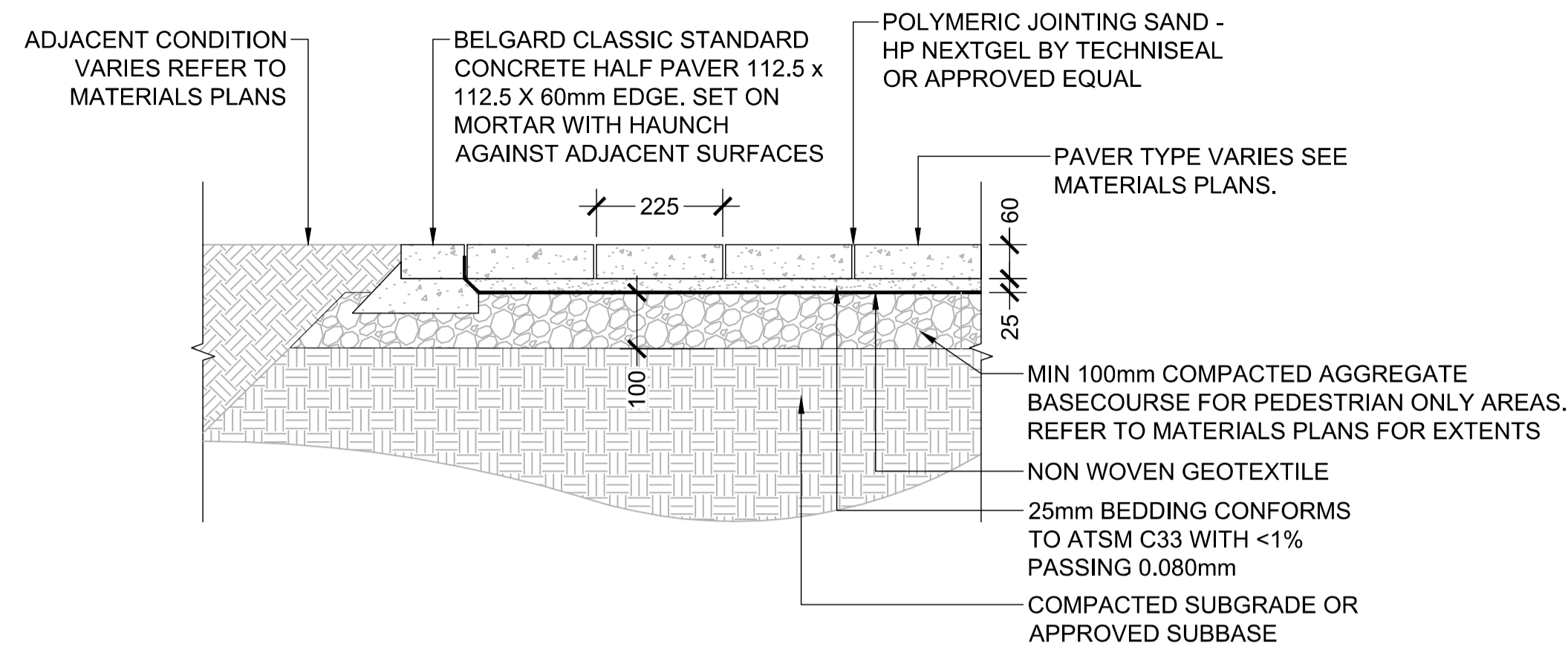


VETERANS MEMORIAL PARK EXPANSION

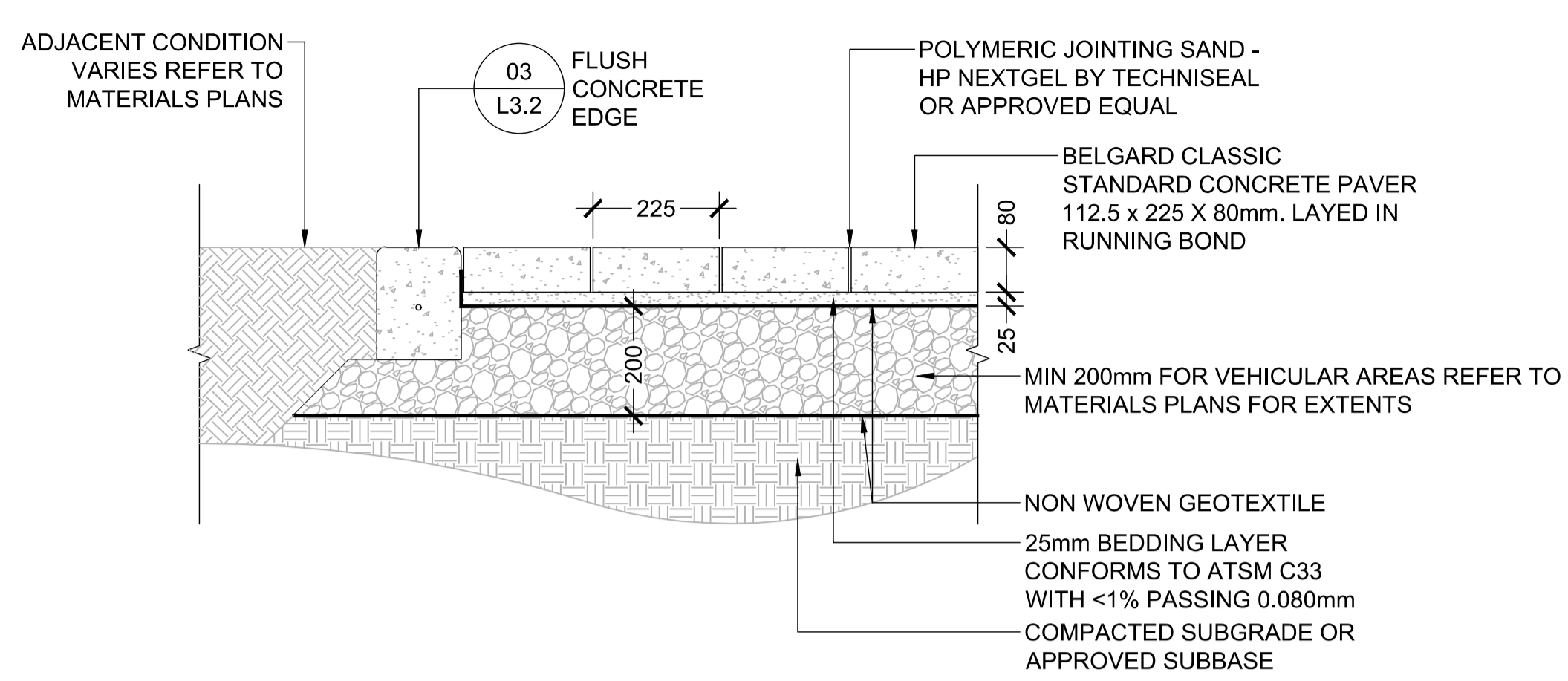
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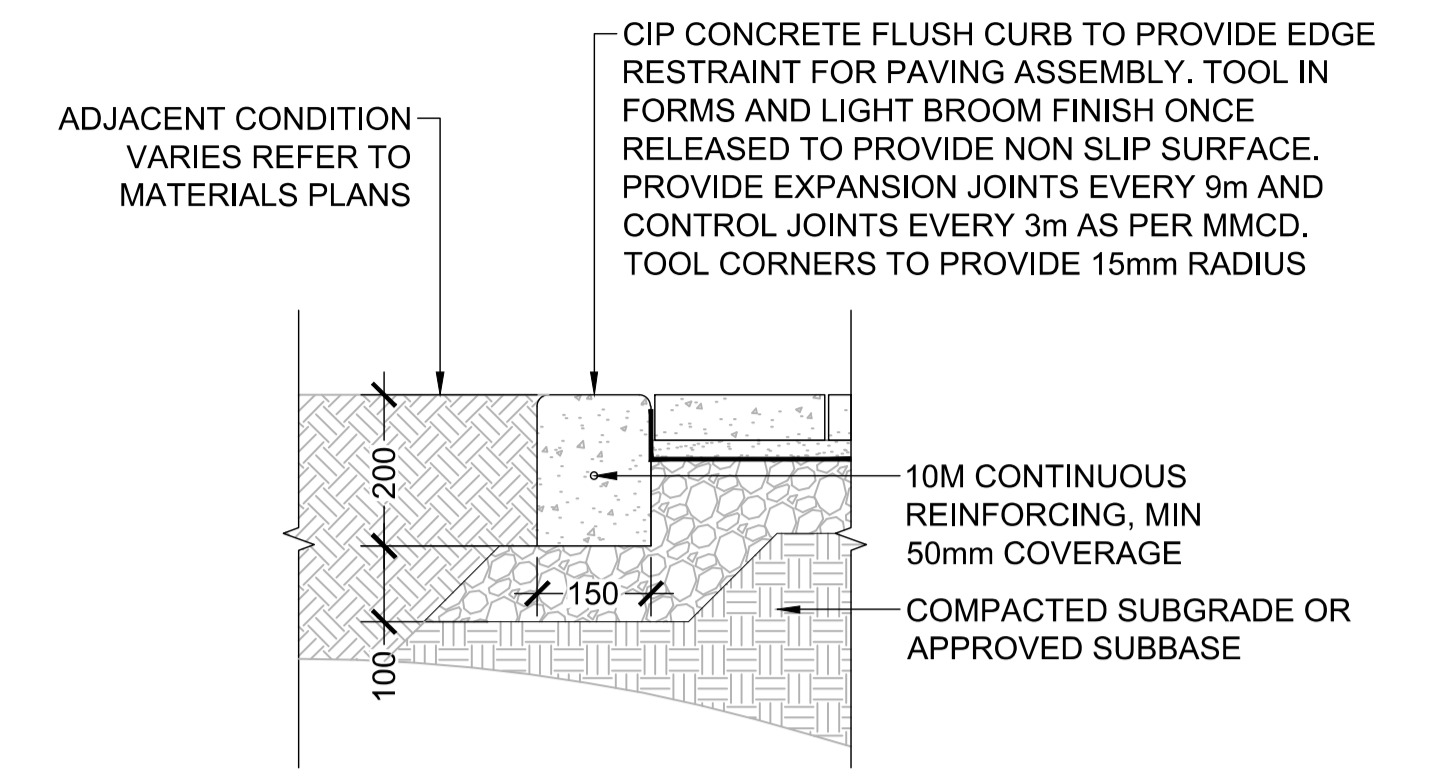
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SCALE	VARIABLES	CREATION DATE	March 6, 2026
DRAWN BY	SFJ	DESIGN BY	SFJ/VW
CHECKED BY	VW	APPROVED BY	PVR
PLOT DATE	March 10, 2026		
DWG. NO.	L3.1		
	7 OF 16		
REV.	4		



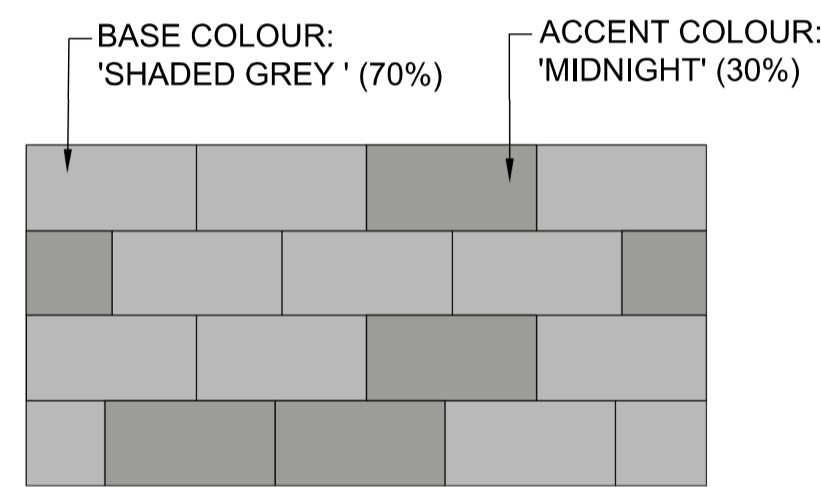
01 PRECAST CONCRETE PAVERS (PEDESTRIAN)
SCALE: 1:10



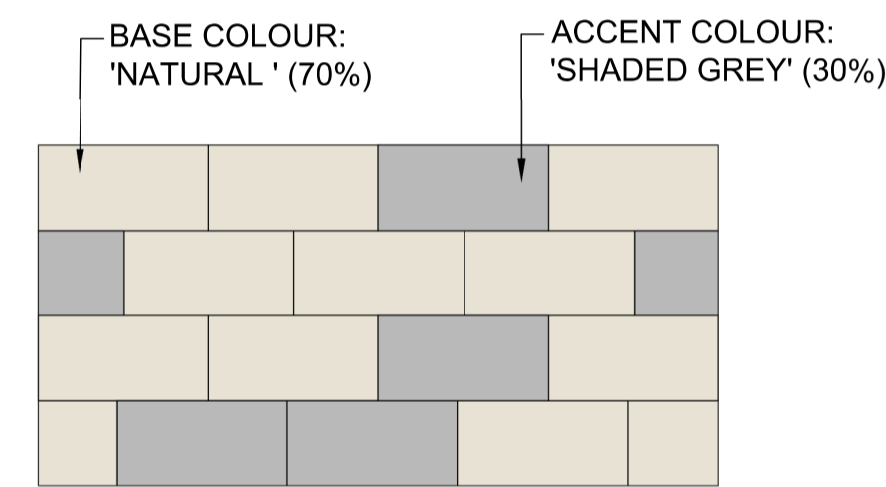
02 PRECAST CONCRETE PAVERS (VEHICULAR)
SCALE: 1:10



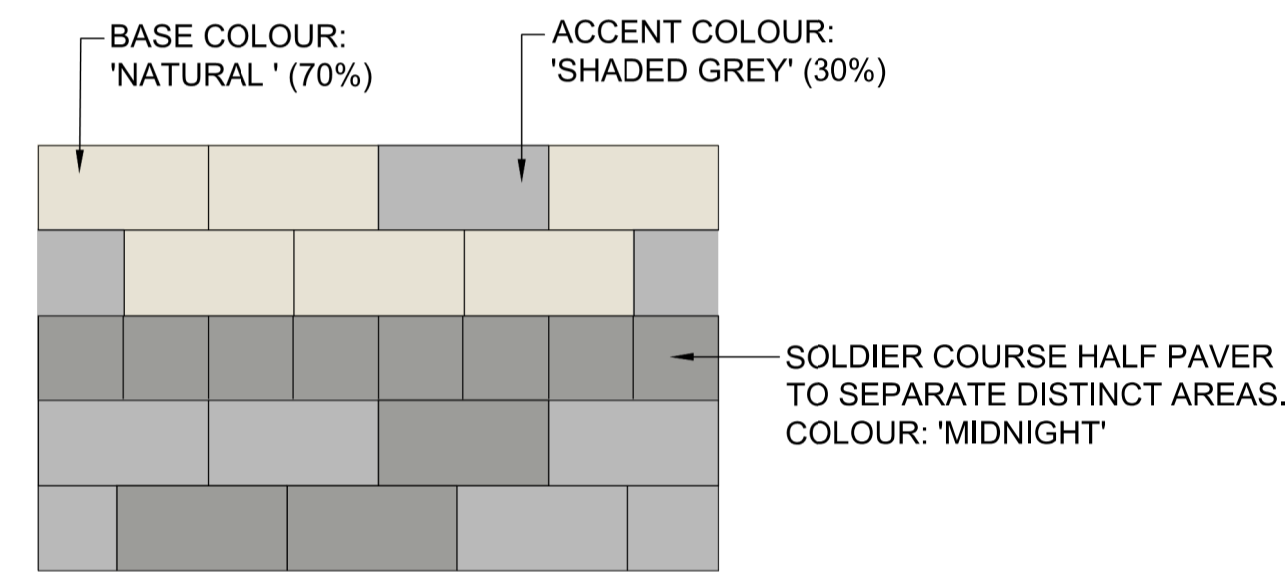
03 FLUSH CONCRETE EDGE
SCALE: 1:10



PLAN - PRECAST CONCRETE PAVER TYPE 1 PATTERN

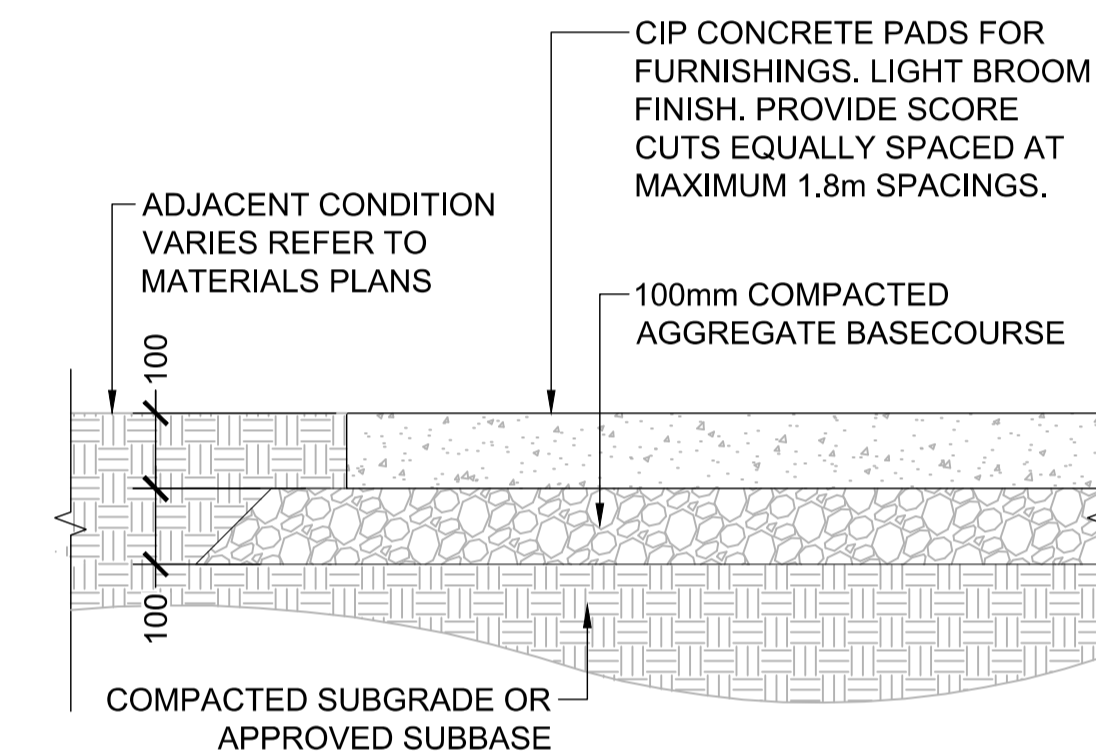


PLAN - PRECAST CONCRETE PAVER TYPE 2 PATTERN



PLAN - PRECAST CONCRETE PAVER TRANSITION

04 PRECAST CONCRETE PAVER PATTERNS
SCALE: 1:10



05 C.I.P. CONCRETE FURNISHING PAD
SCALE: 1:10

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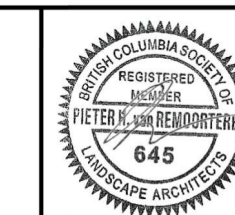
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**VETERANS MEMORIAL
PARK EXPANSION**

PAVING DETAILS



#201, 3999 Henning Drive, Burnaby, B.C. V5C 6P9
T: (604) 699-2098 F: (604) 693-2096



SCALE	VARIES	CREATION DATE	March 6, 2026	DWG. NO.	34472
DRAWN BY	SFJ	DESIGN BY	SFJ/VW		
CHECKED BY	VW	APPROVED BY	PVR		8 OF 16
PLOT DATE	March 10, 2026				REV. 4

ISSUED FOR NRFP

DESIGN NO.

34472

IRRIGATION SCHEDULE

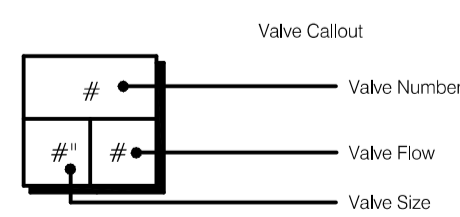
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	PSI
	Hunter MP Corner PROS-04-PRS40-CV Turf Rotator, 100mm pop-up with factory installed check valve, pressure regulated to 2.8 bars, MP Rotator nozzle. T=Turquoise adj arc 45-105 on PRS40 body.	40
	Hunter MP1000 PROS-04-PRS40-CV Turf Rotator, 100mm pop-up with check valve, pressure regulated to 2.8 bars, MP Rotator nozzle on PRS40 body. M=Maroon adj arc 90 to 210, L=Light Blue 210 to 270 arc, O=Olive 360 arc.	40
	Hunter MP2000 PROS-04-PRS40-CV Turf Rotator, 100mm pop-up with factory installed check valve, pressure regulated to 2.8 bars, MP Rotator nozzle on PRS40 body. K=Black adj arc 90-210, G=Green adj arc 210-270, R=Red 360 arc.	40
	Hunter MP3000 PROS-04-PRS40-CV Turf Rotator, 100mm pop-up with factory installed check valve, pressure regulated to 2.8 bars, MP Rotator nozzle on PRS40 body. B=Blue adj arc 90-210, Y=Yellow adj arc 210-270, A=Gray 360 arc.	40
	Hunter RZWS-18-CV 457mm long RZWS with installed .95 Lpm or 1.9 Lpm bubbler options, Check Valve, 13mm swing joint for connection to 13mm pipe	20

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	PSI	GPM
	Rain Bird 5004-PC-R-MPR 25 Turf Rotor, 100mm Pop-Up, Plastic Riser, Matched Precipitation Rotor (MPR nozzle), Arc and Radius as per Symbol. 7.62m=red, 9.1m=green, 10.7m=beige. Pressure Regulating.	45	
	Rain Bird 5004-PC-R-MPR 30 Turf Rotor, 100mm Pop-Up, Plastic Riser, Matched Precipitation Rotor (MPR nozzle), Arc and Radius as per Symbol. 7.62m=red, 9.1m=green, 10.7m=beige. Pressure Regulating.	45	
	Rain Bird 5004-PC-R-MPR 35 Turf Rotor, 100mm Pop-Up, Plastic Riser, Matched Precipitation Rotor (MPR nozzle), Arc and Radius as per Symbol. 7.62m=red, 9.1m=green, 10.7m=beige. Pressure Regulating.	45	

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	Rain Bird XAOZ-100 Wide Flow All-In-One Zone Control for Commercial Applications. 25mm All-In-One Drip Valve and Filter, Pressure Regulating 2.8 bars w/ 25mm Ball Valve. 11.4 LPM-113.6 LPM.
	Area to Receive Dripline Rain Bird XFS-06-12 XFS Sub-Surface Pressure Compensating Dripline w/Copper Shield Technology. 2.3 LPH emitters at 30cm O.C. Laterals spaced at 30cm apart, with emitters offset for triangular pattern. UV Resistant. Specify XF insert fittings.

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	Rain Bird PEB 25mm, 40mm, 50mm Plastic Industrial Remote Control Valve. Low Flow Operating Capability, Globe Configuration.
	RWV 206AB LF Brass Gate Valve, Full Port, with Solid Wedge. IPS. Wheel Handle. Same size as mainline pipe.
	Rain Bird PEB 50mm 25mm, 40mm, 50mm, 76mm Plastic Industrial Master Valves. Low Flow Operating Capability, Globe Configuration.
	Wilkins by Zurn Elkat Water Solutions 950X 50mm Double Check Backflow Prevention Assembly
	Rain Bird ESPLXME2P w/ (1) ESPLXMSM12 24 Station, Traditionally-Wired, PRO Smart, Commercial Controller. (1) ESPLXME2P 12-Station, PRO Smart, (Module Included) Indoor/Outdoor, Plastic Wall-Mount Enclosure w/ (1) ESPLXMSM12 - 12-Station Expansion Modules. Mount Controller Inside of New Electrical Kiosk
	Rain Bird IQ4G-USA IQ NCC 4G Cellular Cartridge upgrades ESP-LX Series controllers to IQ satellite, for communication with IQ central control. Include IQEXTANT4G external antenna.
	Creative Sensor Technology CBF-102-00 Combiflow transmitter combines 2 flow sensor signals into 1 output. Connect 2 sensors to 1 controller input. Compatible with all CST frequency output flow sensor and all irrigation controllers, 12-24VAC power, NEMA 1 enclosure. 67mmx2.6in. X 136mm X 33mm.
	Rain Bird UFS-200 50mm Ultrasonic Flow Sensors, with Glass Filled Nylon Body. Operating Range 3.8 LPM to 757 LPM. Size for Flow Not According to Pipe Size. Wire to Controller with PE-39 Communication Cable.
	Point of Connection 2"

- Irrigation Lateral Line: PVC Schedule 40
- — — — — Irrigation Mainline: PVC Schedule 40
- — — — — Pipe Sleeve: PVC Class 200 SDR 21



VALVE SCHEDULE

NUMBER	MODEL	SIZE	TYPE	GPM	PSI	PSI @ POC	PRECIP
1	Rain Bird XAOZ-100	25mm	Area for Dripline	16.09	40.4	51.9	30.38 mm/h
2	Rain Bird PEB	40mm	Turf Rotor	30.44	52.4	64.7	17.6 mm/h
3	Rain Bird PEB	40mm	Turf Rotor	30.4	51.2	63.4	15.71 mm/h
4	Rain Bird PEB	40mm	Turf Rotor	31.84	51.2	63.9	18.56 mm/h
5	Rain Bird PEB	25mm	Turf Rotary	3.74	42.0	53.1	7.89 mm/h
6	Rain Bird XAOZ-100	25mm	Area for Dripline	29.07	55.3	67.9	30.51 mm/h
7	Rain Bird PEB	25mm	Bubbler	2	21.5	32.5	21.83 mm/h
8	Rain Bird PEB	25mm	Turf Rotary	10.43	44.9	56.5	8.3 mm/h
9	Rain Bird XAOZ-100	25mm	Area for Dripline	28.89	54.4	67.5	28.59 mm/h
10	Rain Bird PEB	25mm	Turf Rotary	18.38	45.1	58.2	9.27 mm/h
11	Rain Bird XAOZ-100	25mm	Area for Dripline	7.46	29.6	41.1	29.21 mm/h

CRITICAL ANALYSIS

Generated: 2026-02-24 13:34

P.O.C. NUMBER: 01
Water Source Information:

FLOW AVAILABLE
Point of Connection Size: 50mm
Flow Available: 77.57 GPM

PRESSURE AVAILABLE
Static Pressure at POC: 80 PSI
Pressure Available: 80 PSI

DESIGN ANALYSIS
Maximum Station Flow: 31.84 GPM
Flow Available at POC: 77.57 GPM
Residual Flow Available: 45.73 GPM

Critical Station: 2
Design Pressure: 45 PSI
Friction Loss: 3.44 PSI
Fittings Loss: 0.35 PSI
Elevation Loss: 0 PSI
Loss through Valve: 3.6 PSI
Pressure Req. at Critical Station: 52.4 PSI
Loss for Fittings: 0.12 PSI
Loss for Main Line: 1.22 PSI
Loss for POC to Valve Elevation: 0 PSI
Loss for Backflow: 6.16 PSI
Loss for Master Valve: 4.8 PSI
Critical Station Pressure at POC: 64.7 PSI
Pressure Available: 80 PSI
Residual Pressure Available: 15.3 PSI

REFERENCE NOTES SCHEDULE

CODE	DESCRIPTION
I-101	IRRIGATION VALVE BOX LOCATION
I-102	PROVIDE SLEEVE OR CONDUIT TO ROUTE NEW IRRIGATION WIRE TO NEW IRRIGATION CONTROLLER. LOCATION OF SLEEVE/CONDUIT TO BE CONFIRMED BY CONTRACT ADMINISTRATOR IN THE FIELD.
I-103	PROVIDE 6" SLEEVE FOR EXISTING BEDS IN FRONT OF CHAMBER OF COMMERCE BUILDING AND FOR FUTURE CONNECTION TO PARKING LOT LANDSCAPE. LOCATION OF SLEEVE TO BE CONFIRMED BY CONTRACT ADMINISTRATOR IN THE FIELD.

IRRIGATION NOTES

- THE IRRIGATION SYSTEM IS BASED ON THE MINIMUM OPERATING PRESSURE & THE MAXIMUM FLOW DEMANDS SHOWN ON THE IRRIGATION DRAWINGS. THE IRRIGATION CONTRACTOR SHALL TEST STATIC WATER PRESSURE AT NEW IRRIGATION POINT OF CONNECTION PRIOR TO CONSTRUCTION. REPORT ACTUAL PRESSURE READING AT THE POINT OF CONNECTION TO OWNERS REPRESENTATIVE AND LANDSCAPE ARCHITECT.
- IRRIGATION DRAWINGS ARE DIAGRAMMATIC. ALL PIPING, VALVES, ETC., SHOWN WITHIN PAVED AREAS ARE FOR DESIGN CLARIFICATION ONLY AND SHALL BE INSTALLED IN PLANTING/GRASS AREAS UNLESS NOTED OTHERWISE. AVOID ANY CONFLICTS BETWEEN THE IRRIGATION SYSTEM, PLANTING, EXISTING TREES, AND UTILITIES. ADJUST HEAD LOCATIONS TO PROVIDE BEST POSSIBLE COVERAGE.
- THE IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF SLEEVES AND CHASES UNDER FUTURE PAVING AREAS AND FOR ALL CONTROL WIRE.
- PROVIDE (3) SPARE CONTROL WIRES FROM THE POINT OF CONNECTION TO THE FARTHEST VALVE LOCATIONS AT EACH END OF THE MAINLINE. PROVIDE 24" EXPANSION COILS AT EVERY VALVE BOX ALONG SPARE WIRE RUN.
- REROUTE EXISTING IRRIGATION REMOTE CONTROL WIRE AND FLOW SENSOR WIRE FROM EXISTING IRRIGATION CONTROLLER TO NEW CONTROLLER AND WIRE TO NEW CONTROLLER.
- DO NOT WILLFULLY INSTALL THE IRRIGATION SYSTEM AS SHOWN ON THE DRAWINGS WHEN IT IS OBVIOUS IN THE FIELD THAT OBSTRUCTION, GRADE DIFFERENCES, OR DIFFERENCES IN THE AREA DIMENSIONS EXIST THAT MIGHT NOT HAVE BEEN CONSIDERED IN THE ENGINEERING. SUCH OBSTRUCTIONS OR DIFFERENCES SHALL BE BROUGHT TO THE ATTENTION OF THE OWNERS REPRESENTATIVE. IN THE EVENT THIS NOTIFICATION IS NOT PERFORMED, CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY REVISIONS NECESSARY. INSTALL ALL IRRIGATION TO ALLOW FOR FULL SERVICEABILITY.
- ANY DAMAGED SURFACES OR IMPROVEMENTS NOT DESIGNATED FOR DEMOLITION SHALL BE REPLACED TO MATCH EXISTING.
- THE CONTRACTOR SHALL ADJUST EACH PRESSURE COMPENSATING REMOTE CONTROL VALVE AND PRESSURE REGULATOR FOR OPTIMUM PERFORMANCE AND TO COMPENSATE FOR PRESSER AND FRICTION LOSS. THE CONTRACTOR SHALL FLUSH AND ADJUST ALL SPRINKLER HEADS FOR OPTIMUM PERFORMANCE AND TO PREVENT OVSERSPRAY ONTO WALK, ROADWAYS AND/OR BUILDINGS AS MUCH AS POSSIBLE. THIS SHALL INCLUDE SELECTING THE BEST DEGREE OF ARC AND RADIUS TO FIT THE EXISTING SITE CONDITIONS AND SELECTING THE APPROPRIATE NOZZLE TO OBTAIN THE OPTIMUM OPERATING PRESSURE FOR EACH SYSTEM, AND HEAD COVERAGE, AND BEST POSSIBLE DISTRIBUTION UNIFORMITY WITHIN EACH ZONE.
- CONFIRM LOCATIONS OF ALL UNGROUNDED SERVICES PRIOR TO EXECUTING IRRIGATION TRENCHING AND INSTALLATION. NO IRRIGATION LINES SHALL BE DIRECTLY OVER AND PARALLEL TO AN UNDERGROUND SERVICE LINE OF ANY OTHER TRADE. ENSURE MINIMUM HORIZONTAL AND VERTICAL CLEARANCE REQUIREMENTS AS DICTATED BY LOCAL AND FEDERAL CODE.

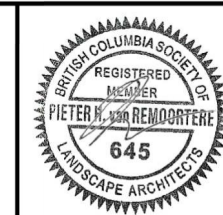
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REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPRD
1	CONCEPT PACKAGE	25.12.19	SFJ	VW
2	90% DETAILED DESIGN	26.01.30	SFJ	VW
3	ISSUED FOR NRFP	26.02.25	SFJ	VW
4	ISSUED FOR NRFP	26.03.11	SFJ	VW



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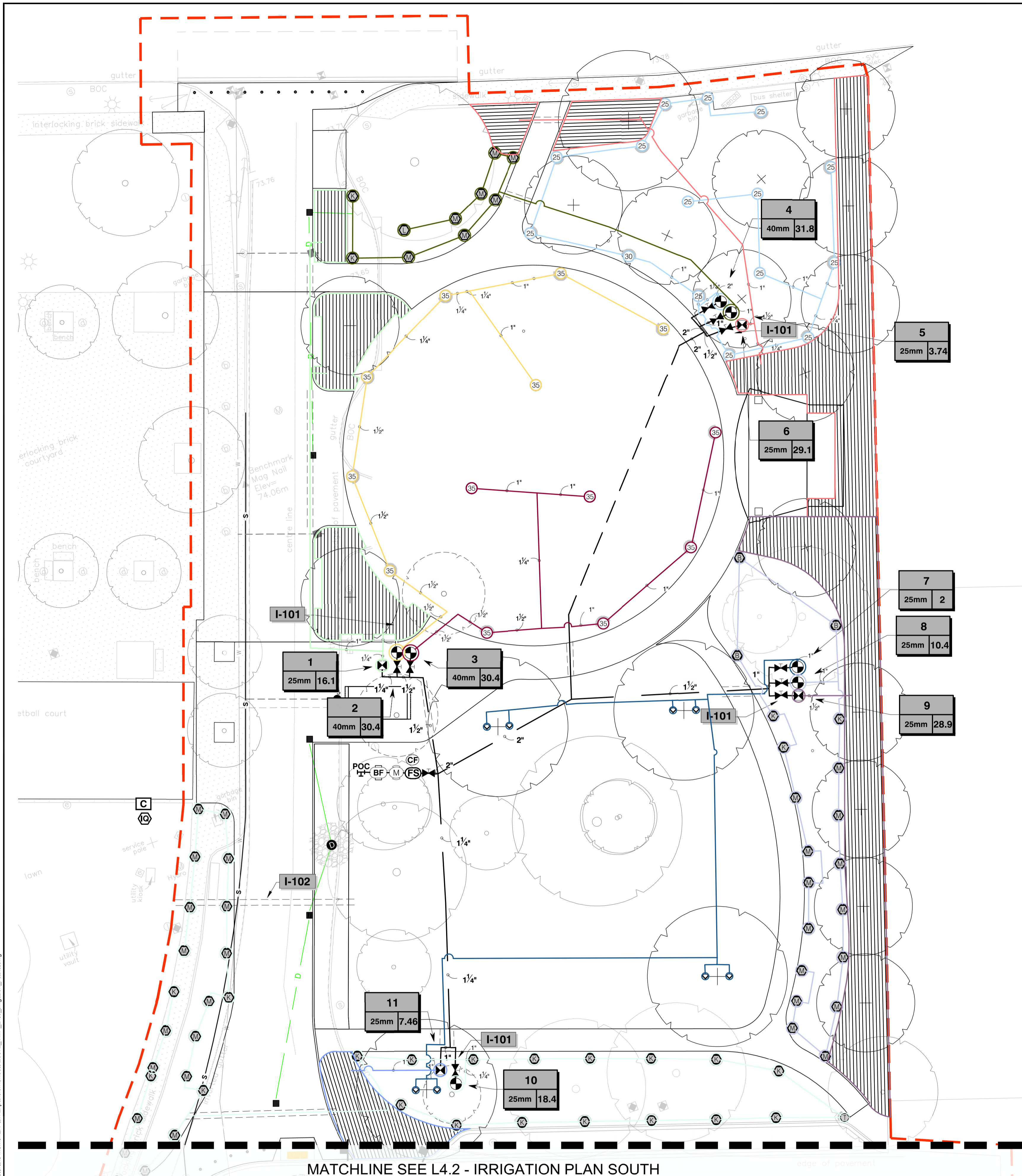
**VETERANS MEMORIAL IRRIGATION NOTES & SCHEDULE
PARK EXPANSION**



ISSUED FOR NRFP DESIGN NO.

34472

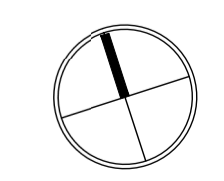
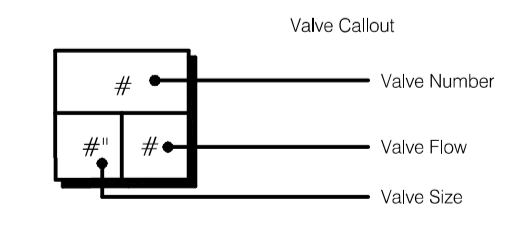
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DRAWN BY	SFJ	DESIGN BY	SFJ/VW	L4.0
CHECKED BY	VW	APPROVED BY	PVR	9 OF 16
PLOT DATE	March 10, 2026			REV. 4



MATCHLINE SEE L4.2 - IRRIGATION PLAN SOUTH

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	PSI	
	Hunter MP Corner PROS-04-PRS40-CV Turf Rotator, 100mm pop-up with factory installed check valve, pressure regulated to 2.8 bars, MP Rotator nozzle, T=Turquoise adj arc 45-105 on PRS40 body.	40	
	Hunter MP1000 PROS-04-PRS40-CV Turf Rotator, 100mm pop-up with check valve, pressure regulated to 2.8 bars, MP Rotator nozzle on PRS40 body. M=Maroon adj arc 90 to 210, L=Light Blue 210 to 270 arc, O=Olive 360 arc.	40	
	Hunter MP2000 PROS-04-PRS40-CV Turf Rotator, 100mm pop-up with factory installed check valve, pressure regulated to 2.8 bars, MP Rotator nozzle on PRS40 body. K=Black adj arc 90-210, G=Green adj arc 210-270, R=Red 360 arc.	40	
	Hunter MP3000 PROS-04-PRS40-CV Turf Rotator, 100mm pop-up with factory installed check valve, pressure regulated to 2.8 bars, MP Rotator nozzle on PRS40 body. B=Blue adj arc 90-210, Y=Yellow adj arc 210-270, A=Gray 360 arc.	40	
	Hunter RZWS-18-CV 457mm long RZWS with installed .95 Lpm or 1.9 Lpm bubbler options, Check Valve, 13mm swing joint for connection to 13mm pipe	20	
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	PSI	GPM
	Rain Bird 5004-PC-R-MPR 25 Turf Rotor, 100mm Pop-Up, Plastic Riser, Matched Precipitation Rotor (MPR nozzle). Arc and Radius as per Symbol. 7.62m=red, 9.1m=green, 10.7m=beige. Pressure Regulating.	45	
	Rain Bird 5004-PC-R-MPR 30 Turf Rotor, 100mm Pop-Up, Plastic Riser, Matched Precipitation Rotor (MPR nozzle). Arc and Radius as per Symbol. 7.62m=red, 9.1m=green, 10.7m=beige. Pressure Regulating.	45	
	Rain Bird 5004-PC-R-MPR 35 Turf Rotor, 100mm Pop-Up, Plastic Riser, Matched Precipitation Rotor (MPR nozzle). Arc and Radius as per Symbol. 7.62m=red, 9.1m=green, 10.7m=beige. Pressure Regulating.	45	
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION		
	Rain Bird XAOZ-100 Wide Flow All-In-One Zone Control for Commercial Applications. 25mm All-In-One Drip Valve and Filter, Pressure Regulating 2.8 bars w/ 25mm Ball Valve. 11.4 LPM-113.6 LPM.		
	Area to Receive Dripline Rain Bird XFS-06-12 XFS Sub-Surface Pressure Compensating Dripline w/Copper Shield Technology. 2.3 LPH emitters at 30cm O.C. Laterals spaced at 30cm apart, with emitters offset for triangular pattern. UV Resistant. Specify XF insert fittings.		
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION		
	Rain Bird PEB 25mm, 40mm, 50mm Plastic Industrial Remote Control Valve. Low Flow Operating Capability, Globe Configuration.		
	RWV 206AB LF Brass Gate Valve, Full Port, with Solid Wedge. IPS. Wheel Handle. Same size as mainline pipe.		
	Rain Bird PEB 50mm 25mm, 40mm, 50mm, 76mm Plastic Industrial Master Valves. Low Flow Operating Capability, Globe Configuration.		
	Wilkins by Zurn Elkar Water Solutions 950XL 50mm Double Check Backflow Prevention Assembly		
	Rain Bird ESPLXME2P w/ (1) ESPLXMSM12 24 Station, Traditionally-Wired, PRO Smart, Commercial Controller. (1) ESPLXME2P 12-Station, PRO Smart, (Module Included) Indoor/Outdoor, Plastic Wall-Mount Enclosure w/ (1) ESPLXMSM12 - 12-Station Expansion Modules. Mount Controller Inside of New Electrical Kiosk		
	Rain Bird IQ4G-USA IQ NCC 4G Cellular Cartridge upgrades ESP-LX Series controllers to IQ satellite, for communication with IQ central control. Include IQEXTANT4G external antenna.		
	Creative Sensor Technology CBF-102-00 CombiFlow transmitter combines 2 flow sensor signals into 1 output. Connect 2 sensors to 1 controller input. Compatible with all CST frequency output flow sensor and all irrigation controllers, 12-24VAC power, NEMA 1 enclosure. 67mm2.6in. X 136mm X 33mm.		
	Rain Bird UFS-200 50mm Ultrasonic Flow Sensors, with Glass Filled Nylon Body. Operating Range 3.8 LPM to 757 LPM. Size for Flow Not According to Pipe Size. Wire to Controller with PE-39 Communication Cable.		
	POC Point of Connection 2"		
	Irrigation Lateral Line: PVC Schedule 40		
	Irrigation Mainline: PVC Schedule 40		
	Pipe Sleeve: PVC Class 200 SDR 21		



0 1:200 10

REFERENCE NOTES SCHEDULE

CODE	DESCRIPTION
I-101	IRRIGATION VALVE BOX LOCATION
I-102	PROVIDE SLEEVE OR CONDUIT TO ROUTE NEW IRRIGATION WIRE TO NEW IRRIGATION CONTROLLER. LOCATION OF SLEEVE/CONDUIT TO BE CONFIRMED BY CONTRACT ADMINISTRATOR IN THE FIELD.
I-103	PROVIDE 6" SLEEVE FOR EXISTING BEDS IN FRONT OF CHAMBER OF COMMERCE BUILDING AND FOR FUTURE CONNECTION TO PARKING LOT LANDSCAPE. LOCATION OF SLEEVE TO BE CONFIRMED BY CONTRACT ADMINISTRATOR IN THE FIELD

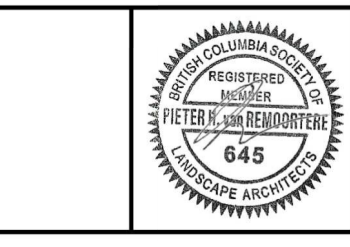
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2	90% DETAILED DESIGN	26.01.30	SFJ	VW
3	ISSUED FOR NRFP	26.02.25	SFJ	VW
4	ISSUED FOR NRFP	26.03.11	SFJ	VW

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VETERANS MEMORIAL PARK EXPANSION

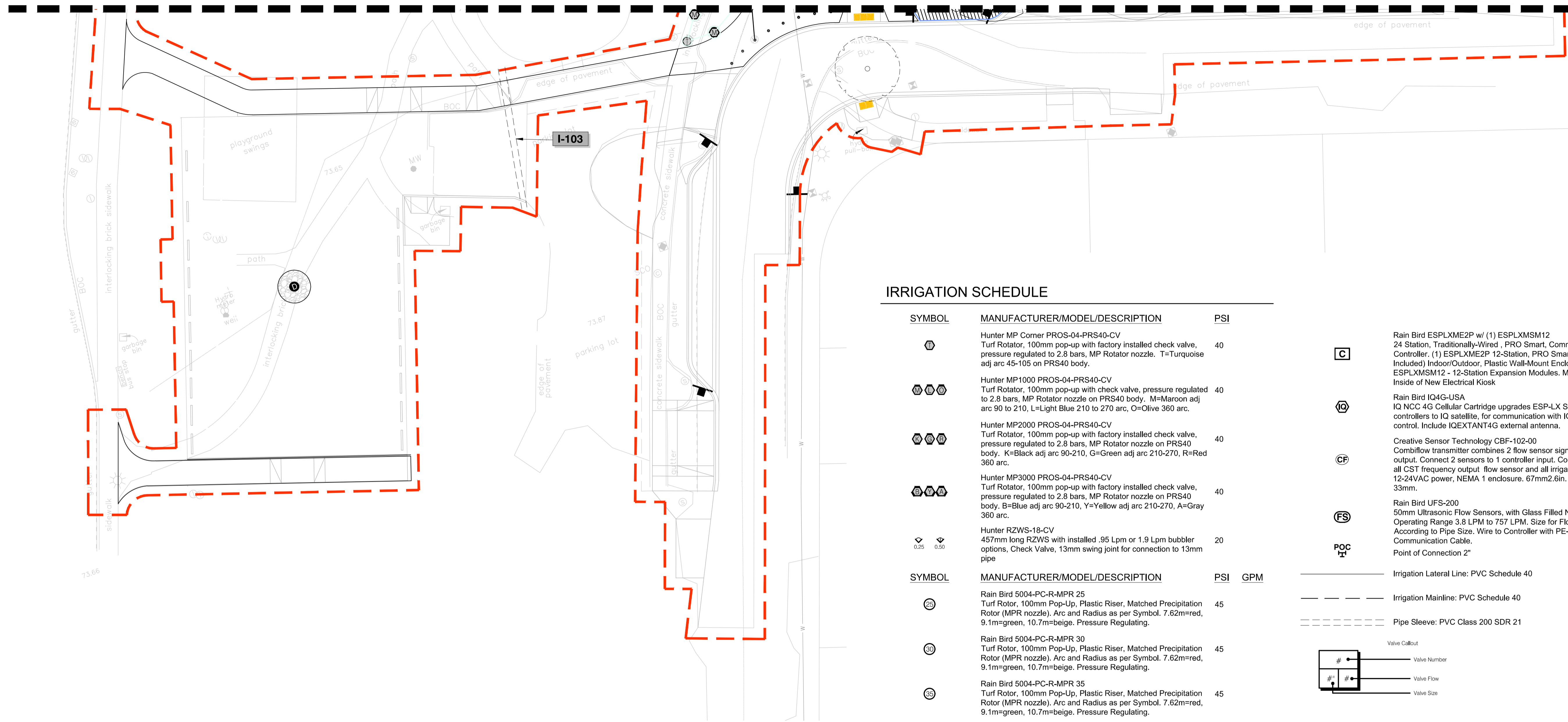
IRRIGATION PLAN NORTH



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DRAWN BY	SFJ	DESIGN BY	SFJ/VW
CHECKED BY	VW	APPROVED BY	PVR
PLOT DATE	March 11, 2026		

34472
DWG. NO. L4.1
10 OF 16
REV. 4

MATCHLINE SEE L4.1 - IRRIGATION PLAN NORTH



IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	PSI
	Hunter MP Corner PRS-04-PRS40-CV Turf Rotor, 100mm pop-up with factory installed check valve, pressure regulated to 2.8 bars, MP Rotator nozzle. T=Turquoise adj arc 45-105 on PRS40 body.	40
	Hunter MP1000 PRS-04-PRS40-CV Turf Rotor, 100mm pop-up with check valve, pressure regulated to 2.8 bars, MP Rotator nozzle on PRS40 body, M=Maroon adj arc 90 to 210, L=Light Blue 210 to 270 arc, O=Olive 360 arc.	40
	Hunter MP2000 PRS-04-PRS40-CV Turf Rotor, 100mm pop-up with factory installed check valve, pressure regulated to 2.8 bars, MP Rotator nozzle on PRS40 body. K=Black adj arc 90-210, G=Green adj arc 210-270, R=Red 360 arc.	40
	Hunter MP3000 PRS-04-PRS40-CV Turf Rotor, 100mm pop-up with factory installed check valve, pressure regulated to 2.8 bars, MP Rotator nozzle on PRS40 body. B=Blue adj arc 90-210, Y=Yellow adj arc 210-270, A=Gray 360 arc.	40
	Hunter RZWS-18-CV 457mm long RZWS with installed .95 Lpm or 1.9 Lpm bubbler options. Check Valve, 13mm swing joint for connection to 13mm pipe	20

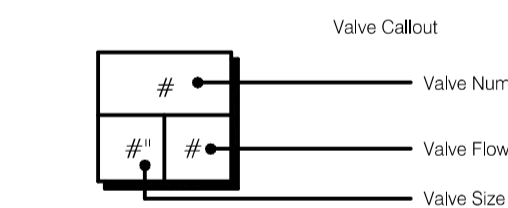
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	PSI	GPM
	Rain Bird 5004-PC-R-MPR 25 Turf Rotor, 100mm Pop-Up, Plastic Riser, Matched Precipitation Rotor (MPR nozzle), Arc and Radius as per Symbol. 7.62m=red, 9.1m=green, 10.7m=beige. Pressure Regulating.	45	
	Rain Bird 5004-PC-R-MPR 30 Turf Rotor, 100mm Pop-Up, Plastic Riser, Matched Precipitation Rotor (MPR nozzle), Arc and Radius as per Symbol. 7.62m=red, 9.1m=green, 10.7m=beige. Pressure Regulating.	45	
	Rain Bird 5004-PC-R-MPR 35 Turf Rotor, 100mm Pop-Up, Plastic Riser, Matched Precipitation Rotor (MPR nozzle), Arc and Radius as per Symbol. 7.62m=red, 9.1m=green, 10.7m=beige. Pressure Regulating.	45	

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	Rain Bird XAOZ-100 Wide Flow All-In-One Zone Control for Commercial Applications. 25mm All-In-One Drip Valve and Filter, Pressure Regulating 2.8 bars w/ 25mm Ball Valve. 11.4 LPM-113.6 LPM.
	Area to Receive Dripline Rain Bird XFS-06-12 XFS Sub-Surface Pressure Compensating Dripline w/Copper Shield Technology. 2.3 LPH emitters at 30cm O.C. Laterals spaced at 30cm apart, with emitters offset for triangular pattern. UV Resistant. Specify XF insert fittings.

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	Rain Bird PEB 25mm, 40mm, 50mm Plastic Industrial Remote Control Valve. Low Flow Operating Capability, Globe Configuration.
	RWV 206AB LF Brass Gate Valve, Full Port, with Solid Wedge, IPS, Wheel Handle. Same size as mainline pipe.
	Rain Bird PEB 50mm 25mm, 40mm, 50mm, 76mm Plastic Industrial Master Valves. Low Flow Operating Capability, Globe Configuration.
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- Rain Bird ESPLXME2P w/ (1) ESPLXMSM12 24 Station, Traditionally-Wired, PRO Smart, Commercial Controller. (1) ESPLXME2P 12-Station, PRO Smart, (Module Included) Indoor/Outdoor, Plastic Wall-Mount Enclosure w/ (1) ESPLXMSM12 - 12-Station Expansion Modules. Mount Controller Inside of New Electrical Kiosk
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- Rain Bird UFS-200 50mm Ultrasonic Flow Sensors, with Glass Filled Nylon Body. Operating Range 3.8 LPM to 757 LPM. Size for Flow Not According to Pipe Size. Wire to Controller with PE-39 Communication Cable.
- Point of Connection 2"

- Irrigation Lateral Line: PVC Schedule 40
- Irrigation Mainline: PVC Schedule 40
- Pipe Sleeve: PVC Class 200 SDR 21



REFERENCE NOTES SCHEDULE

CODE	DESCRIPTION
I-101	IRRIGATION VALVE BOX LOCATION
I-102	PROVIDE SLEEVE OR CONDUIT TO ROUTE NEW IRRIGATION WIRE TO NEW IRRIGATION CONTROLLER. LOCATION OF SLEEVE/CONDUIT TO BE CONFIRMED BY CONTRACT ADMINISTRATOR IN THE FIELD.
I-103	PROVIDE 6" SLEEVE FOR EXISTING BEDS IN FRONT OF CHAMBER OF COMMERCE BUILDING AND FOR FUTURE CONNECTION TO PARKING LOT LANDSCAPE. LOCATION OF SLEEVE TO BE CONFIRMED BY CONTRACT ADMINISTRATOR IN THE FIELD

ISSUED FOR NRFP

DESIGN NO.

34472

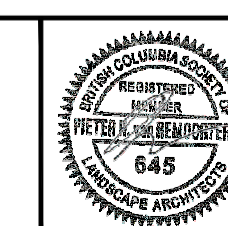
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1	CONCEPT PACKAGE	25.12.19	SFJ	VW
2	90% DETAILED DESIGN	26.01.30	SFJ	VW
3	ISSUED FOR NRFP	26.02.25	SFJ	VW
4	ISSUED FOR NRFP	26.03.11	SFJ	VW

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where it all happens.

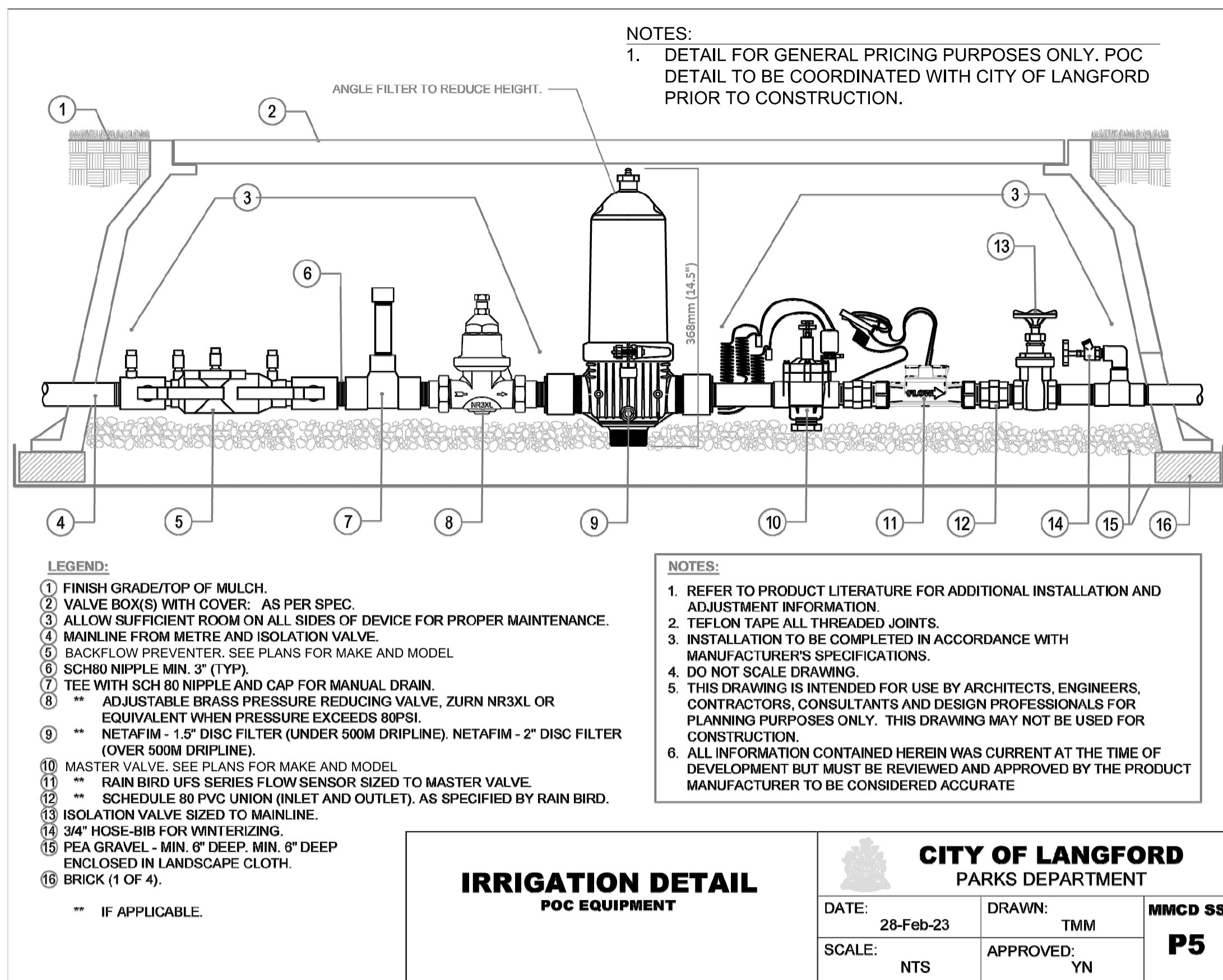
LANARC

VETERANS MEMORIAL
PARK EXPANSION

IRRIGATION PLAN SOUTH



SCALE	1:200	CREATION DATE	March 10, 2026	DWG. NO.	L4.2
DRAWN BY	SFJ	DESIGN BY	SFJ/VW		
CHECKED BY	VW	APPROVED BY	PVR		10 OF 16
PLOT DATE	March 10, 2026				REV. 4

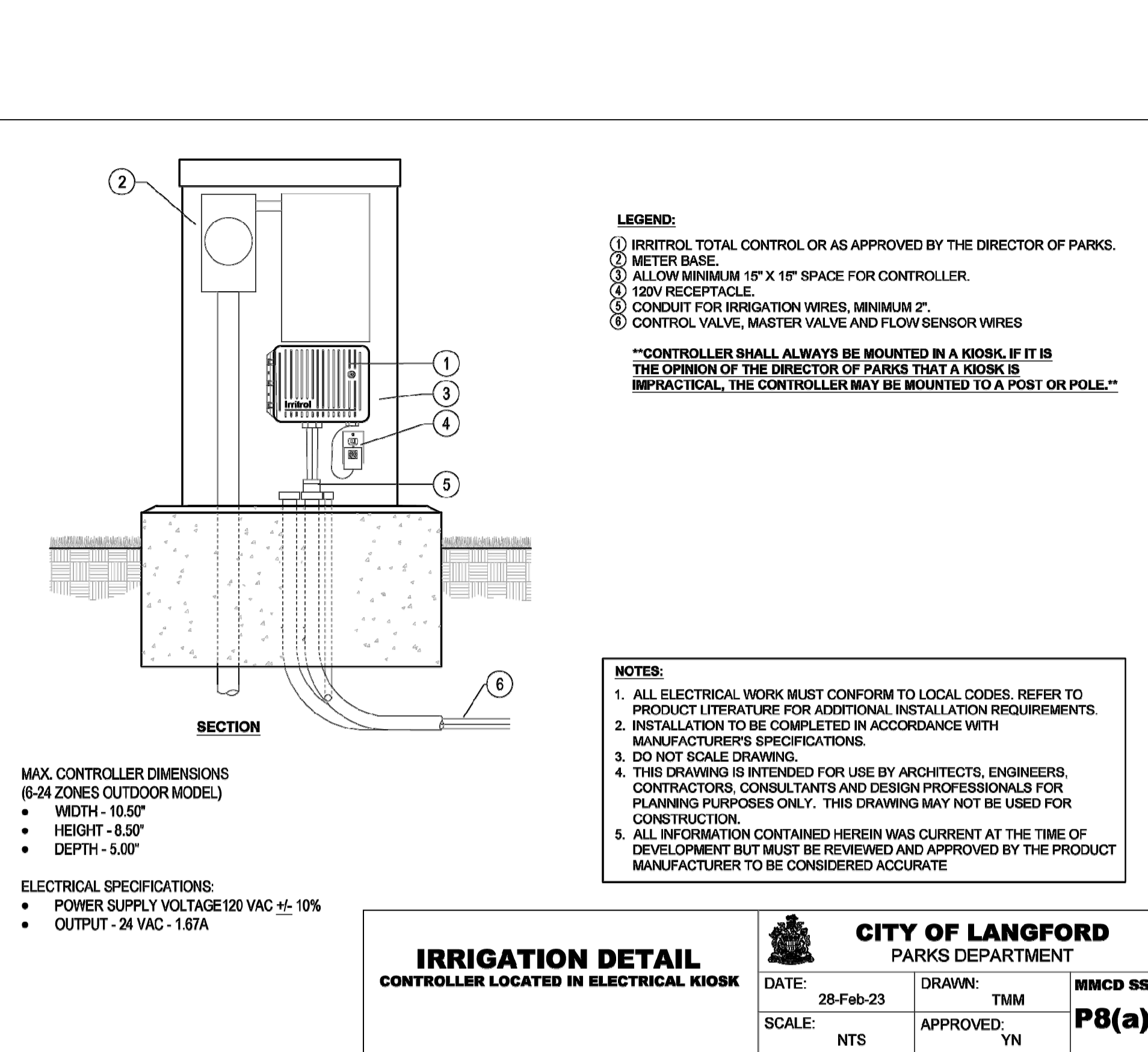


IRRIGATION DETAIL
POC EQUIPMENT

CITY OF LANGFORD
PARKS DEPARTMENT

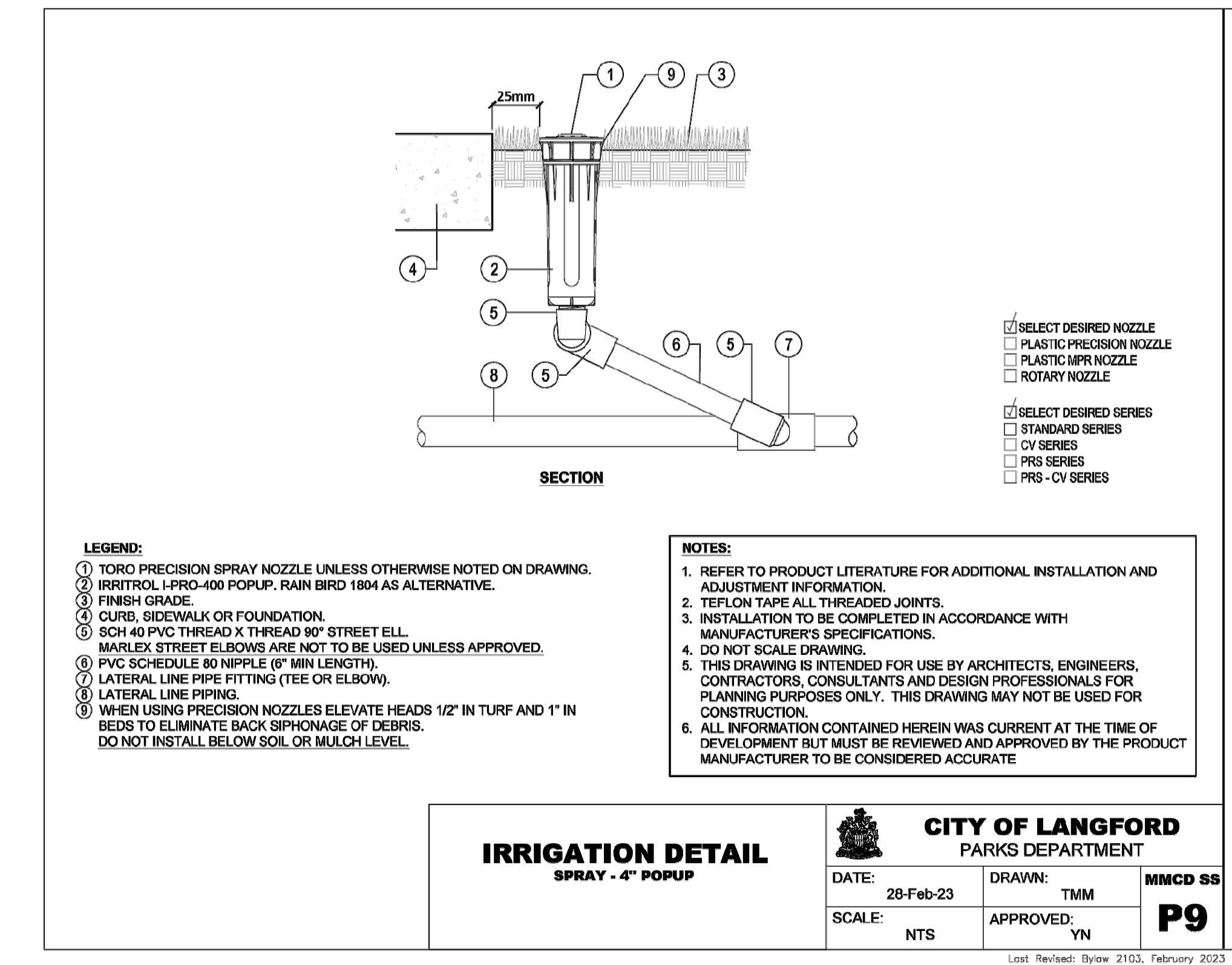
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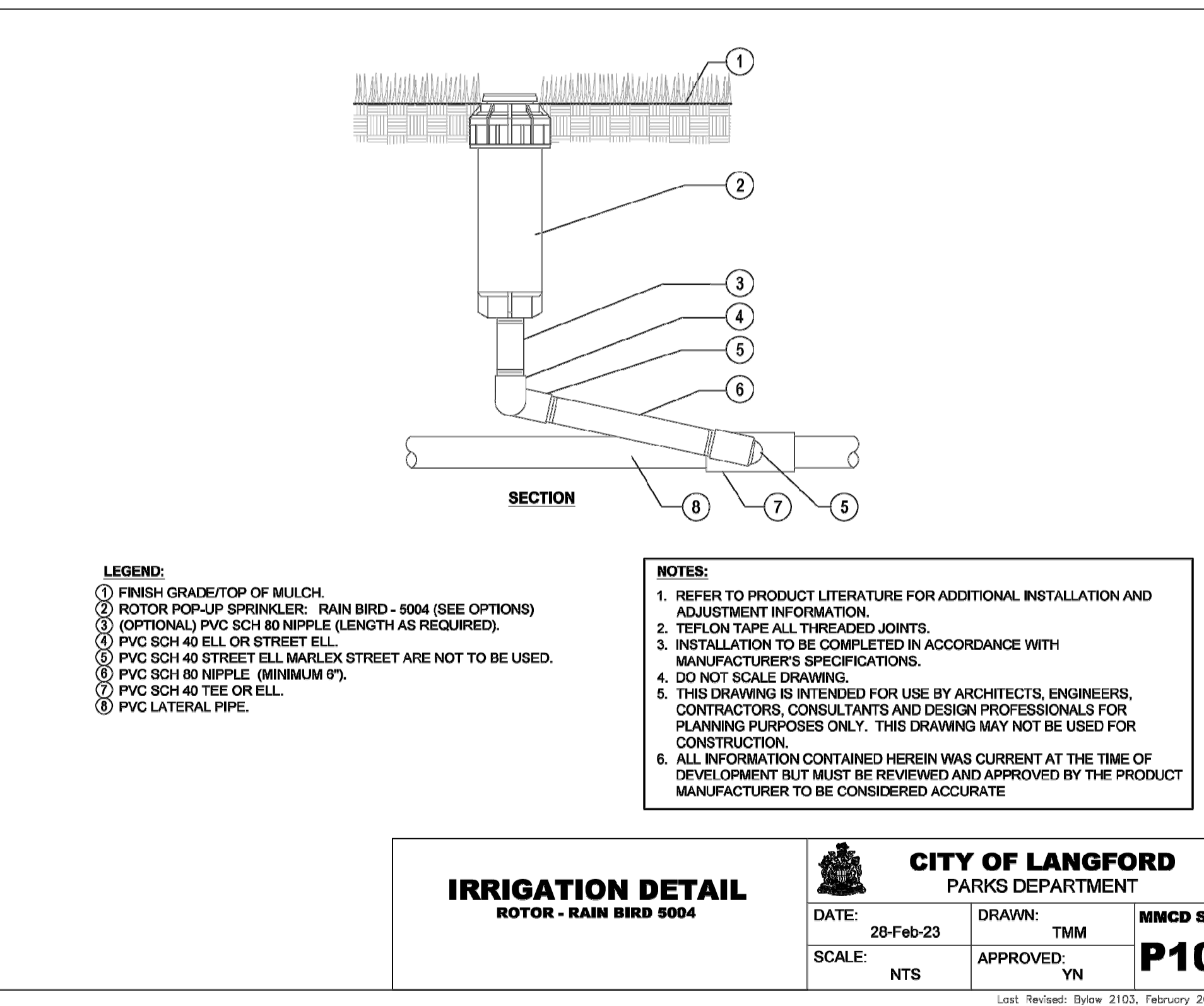


01 POC EQUIPMENT
SCALE: NTS

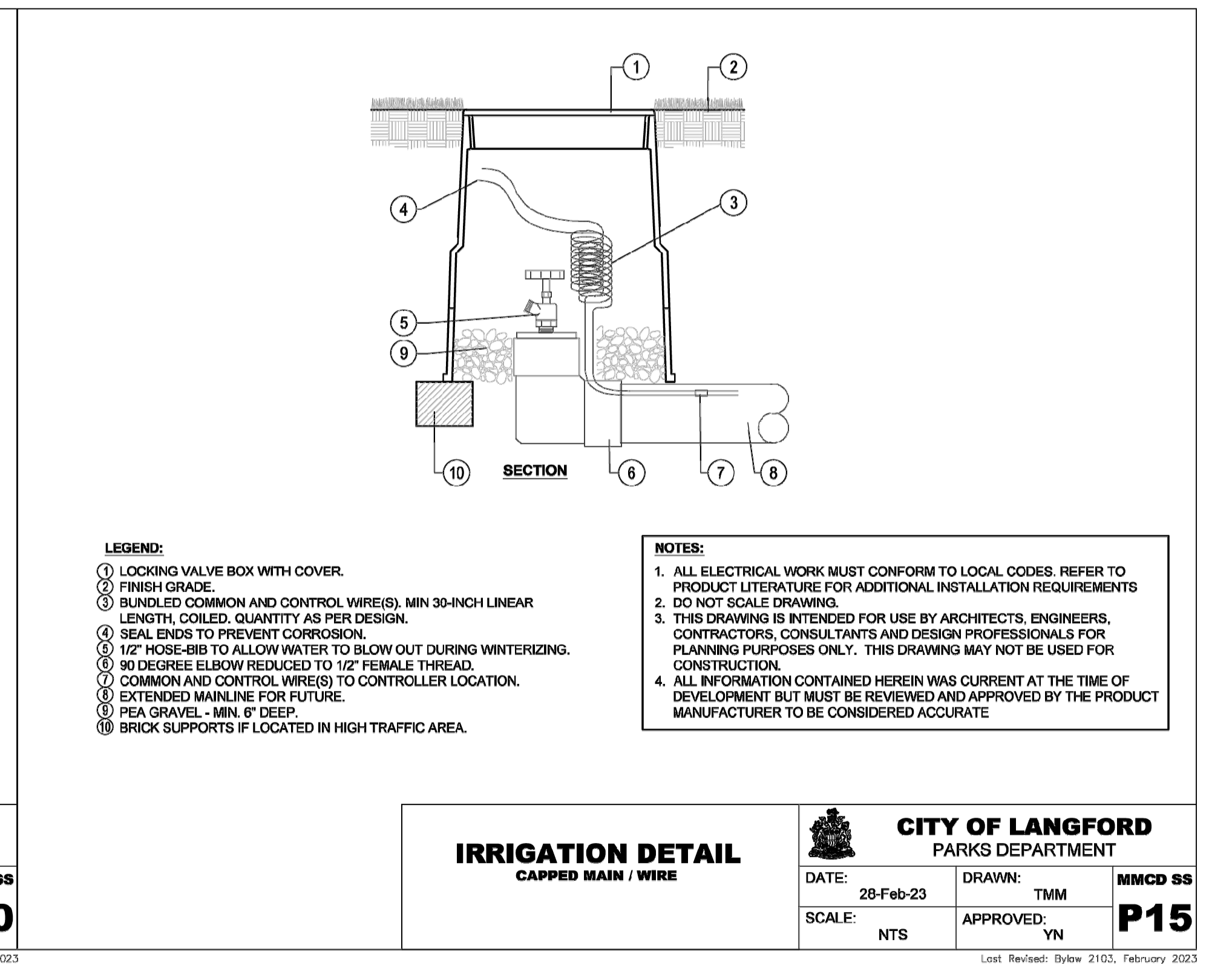
02 CONTROLLER LOCATED IN ELECTRICAL KIOSK
SCALE: NTS



03 SPRAY - 4" POPUP
SCALE: NTS



04 ROTOR - RAIN BIRD 5004
SCALE: NTS



05 CAPPED MAIN / WIRE
SCALE: NTS

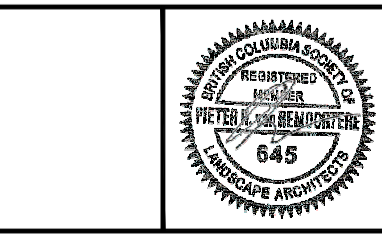
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REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPRD
1	CONCEPT PACKAGE	25.12.19	SFJ	VW
2	90% DETAILED DESIGN	26.01.30	SFJ	VW
3	ISSUED FOR NRFP	26.02.25	SFJ	VW
4	ISSUED FOR NRFP	26.03.11	SFJ	VW

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VETERANS MEMORIAL
PARK EXPANSION

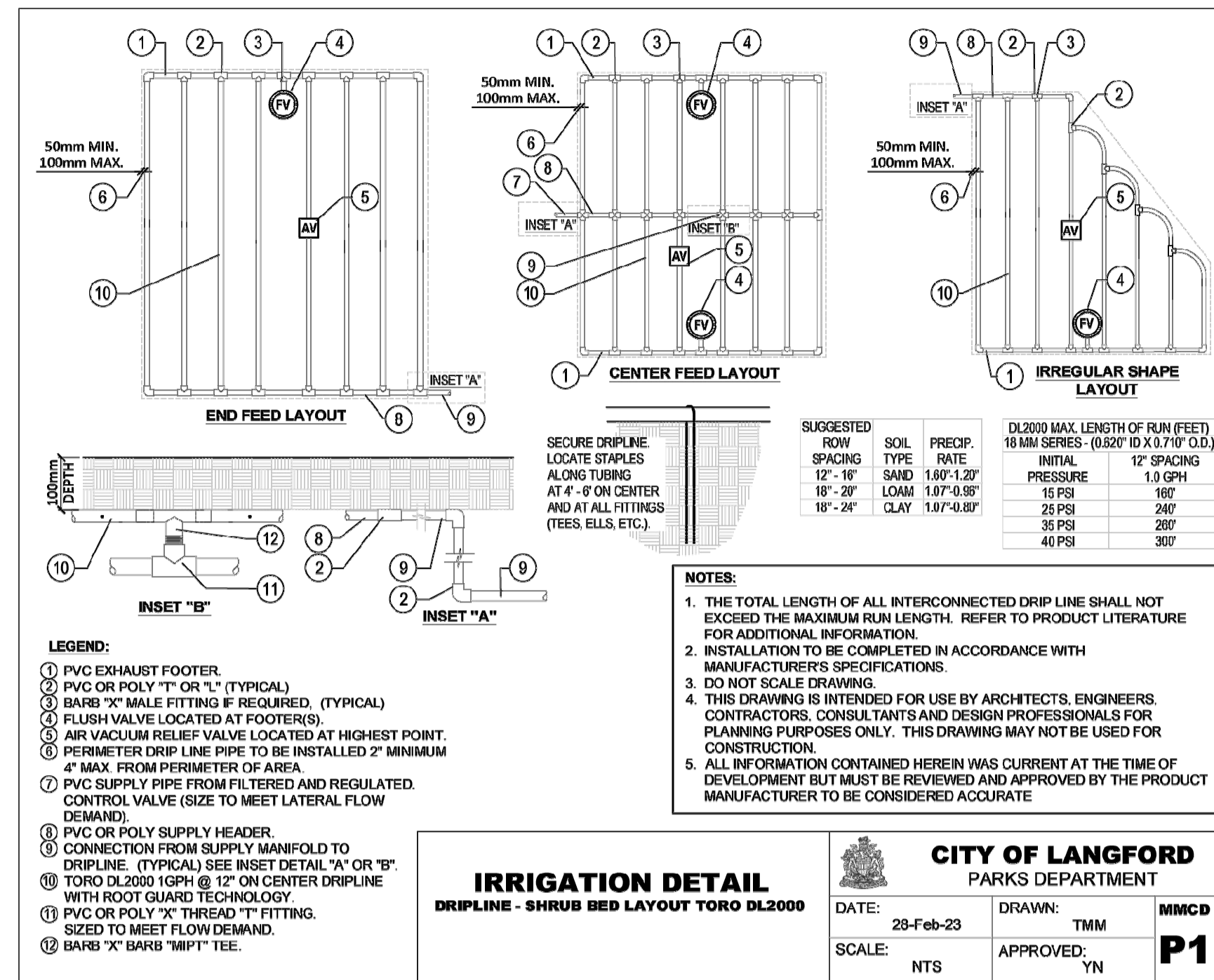
IRRIGATION DETAILS



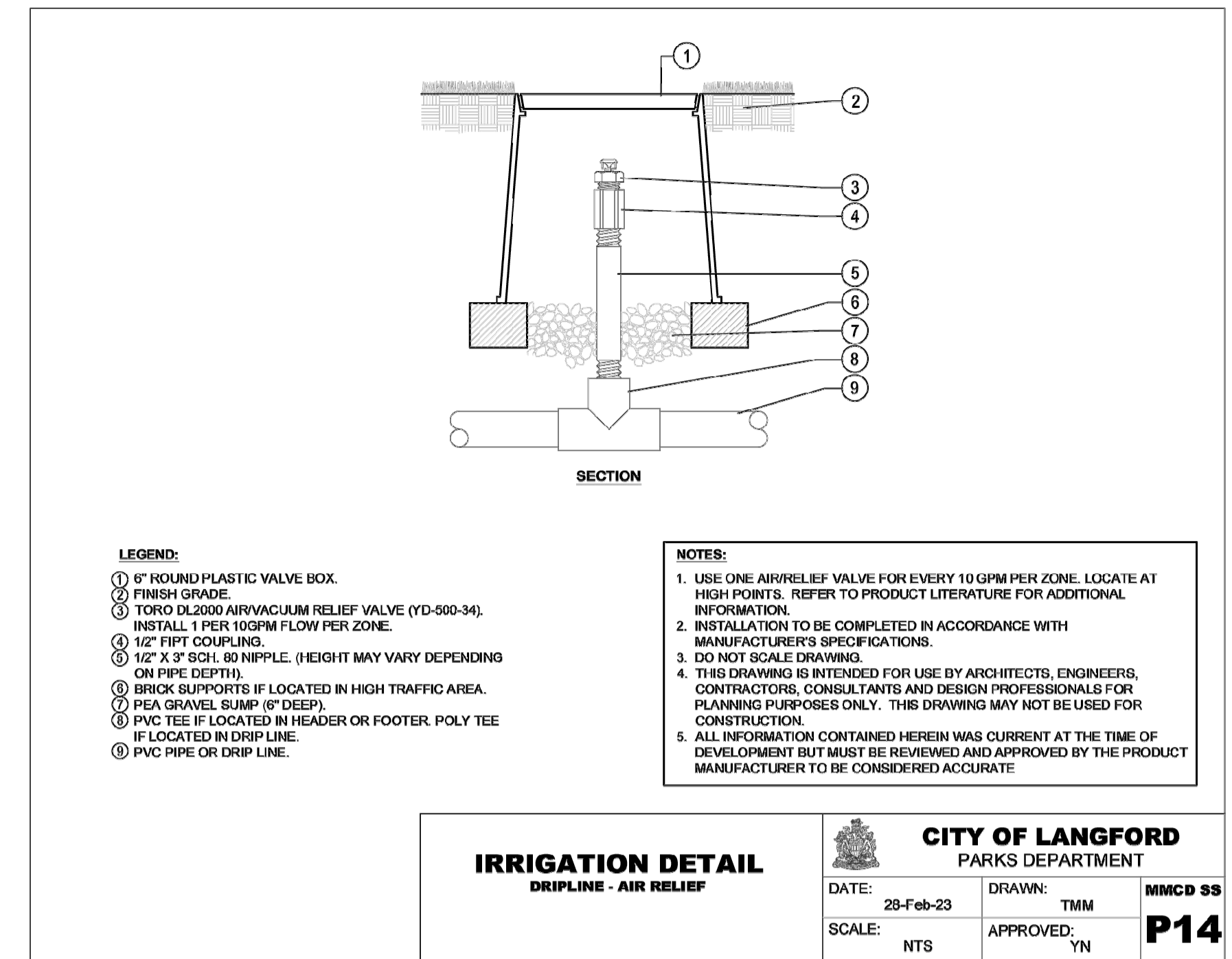
ISL
#201, 3999 Henning Drive, Burnaby, B.C. V5C 6P9
T: (604)293-2098 F: (604)293-2096

SCALE		CREATION DATE		DWG. NO.	
SCALE:	NTS	CREATION DATE:	March 6, 2026	34472	
DRAWN BY:	SFJ	DESIGN BY:	SFJ/VW	L4.3	
CHECKED BY:	VW	APPROVED BY:	PVR	11 OF 16	
PLOT DATE:	March 10, 2026			REV. 4	

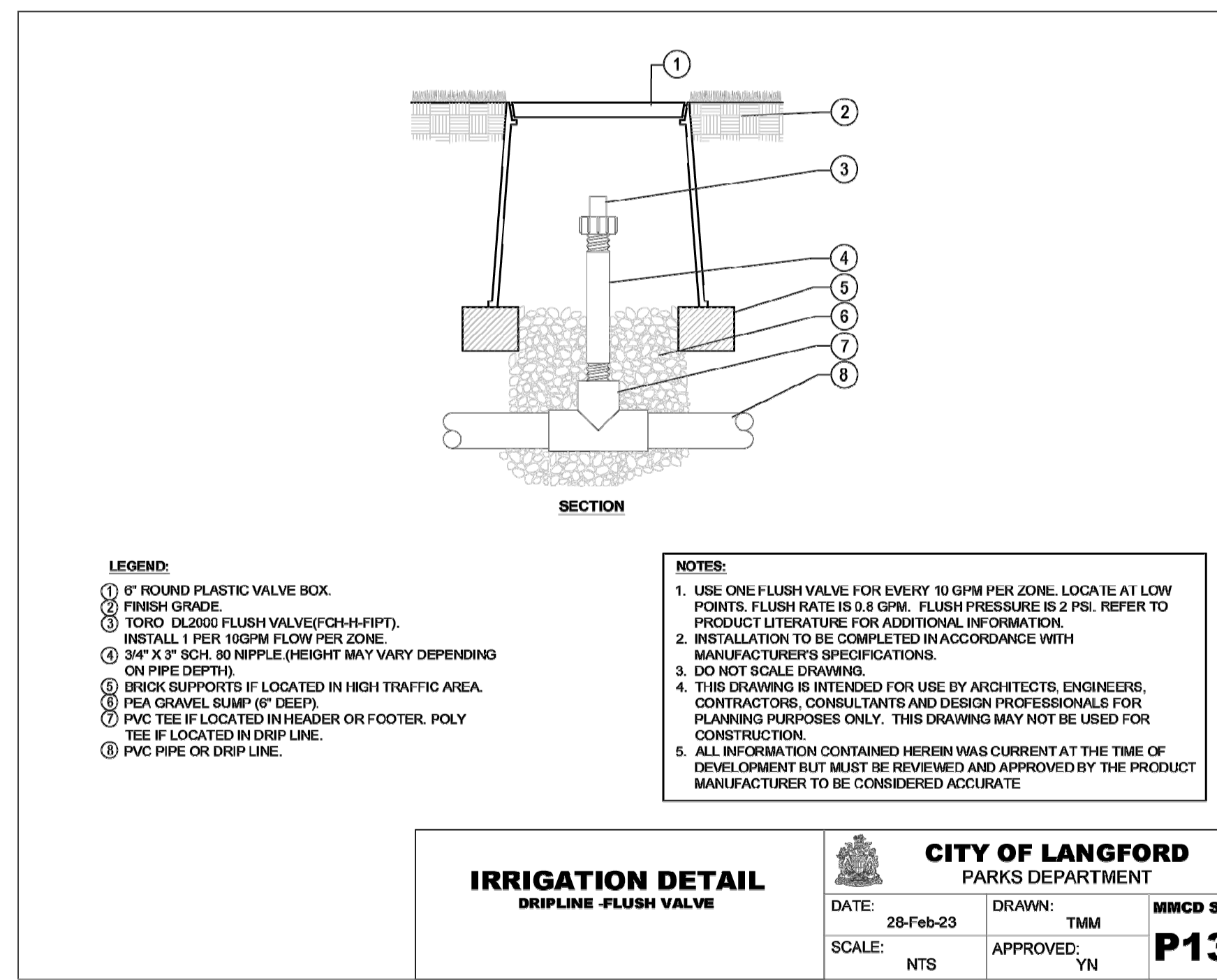
ISSUED FOR NRFP DESIGN NO.



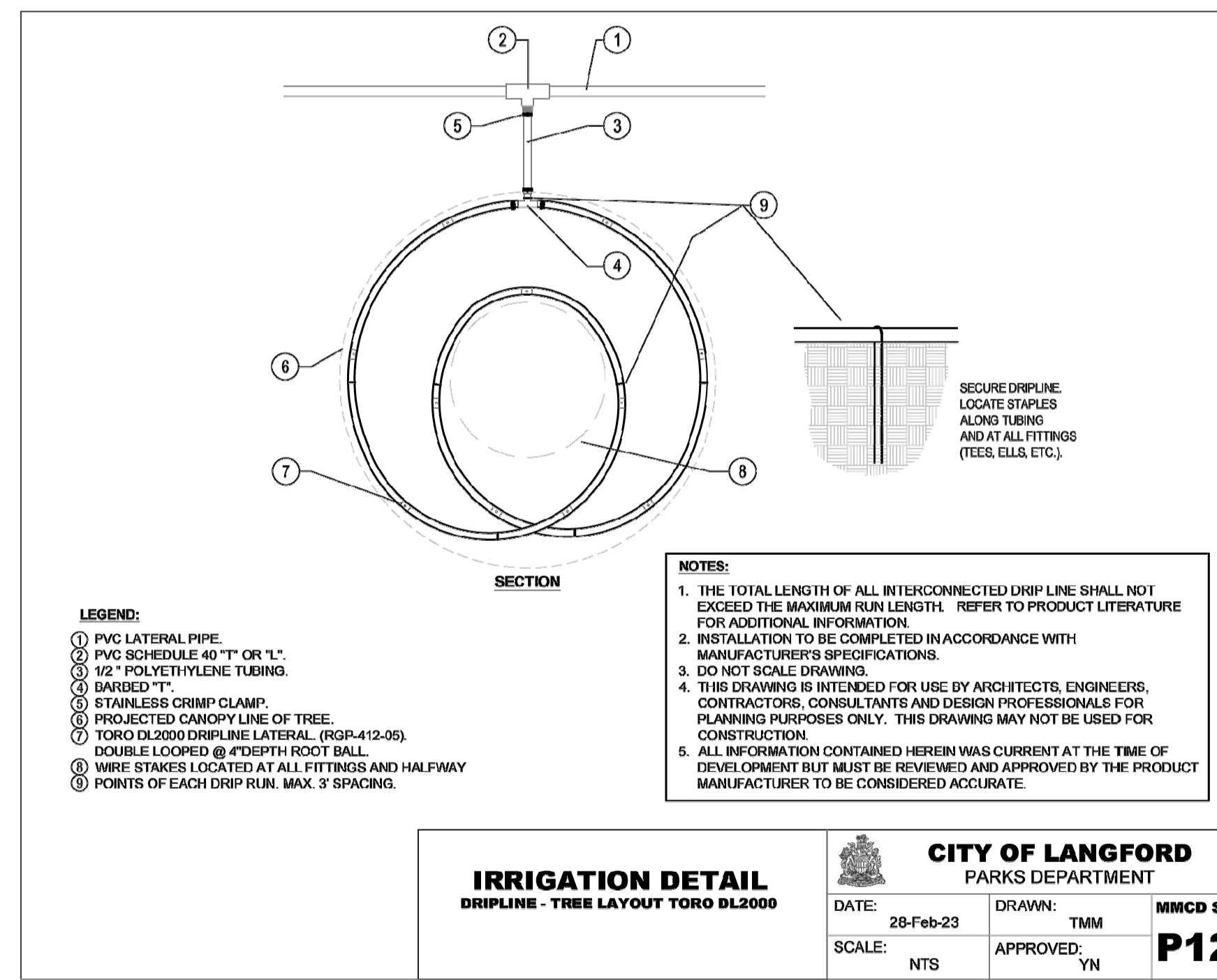
01 DRIPLINE - SHRUB BED LAYOUT TORO DL2000
SCALE: NTS



02 DRIPLINE - AIR RELIEF
SCALE: NTS



03 DRIPLINE - FLUSH VALVE
SCALE: NTS



04 DRIPLINE - TREE LAYOUT TORO DL2000
SCALE: NTS

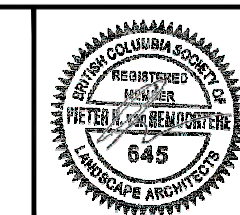
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REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPRD
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PARK EXPANSION

IRRIGATION DETAILS



ISL
201, 3999 Hemming Drive, Burnaby, B.C. V5C 6P9
T: (604)293-2098 F: (604)293-2096

ISSUED FOR NRFP DESIGN NO.

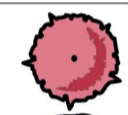

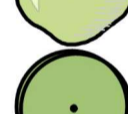

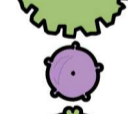

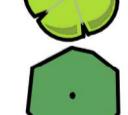


34472

SCALE	NTS	CREATION DATE	March 6, 2026	DWG. NO.	L4.4
DRAWN BY	SFJ	DESIGN BY	SFJ/VW		
CHECKED BY	VW	APPROVED BY	PVR		12 OF 16
PLOT DATE	March 10, 2026				REV. 4

PLANT SCHEDULE

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	QTY
TREES						
	CB	Carpinus betulus	European Hornbeam	6 cm cal.	B&B	5
	CJ	Cercidiphyllum japonicum	Katsura Tree	6 cm cal.	B&B	7
	CC	Cercis canadensis	Eastern Redbud	6 cm cal.	B&B	1
	PK	Prunus serrulata 'Kwanzan'	Kwanzan Japanese Flowering Cherry	6 cm cal.	B&B	2
	QP	Quercus palustris	Pin Oak	6 cm cal.	B&B	2
	UD	Ulmus davidiana japonica 'Discovery'	Discovery Elm	6cm Cal.	B&B	3

PLANT SCHEDULE

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	QTY
SHRUBS						
	BR	Berberis thunbergii 'Rose Glow'	Rose Glow Japanese Barberry	1 gal.	Pot	13
	CK	Cornus sericea 'Kelsey'	Kelsey's Dwarf Red Twig Dogwood	1 gal.	Pot	79
	CI	Cornus sericea Arctic Fire	Red Twig Dogwood	1 gal.	Pot	21
	EF	Escallonia x exoniensis 'Fradesii'	Pink Princess Escallonia	2 gal.	Pot	55
	EA	Euonymus alatus	Burning Bush	1 gal.	Pot	19
	NM	Nandina domestica 'Moon Bay'	Moon Bay Heavenly Bamboo	1 gal.	Pot	25
	PC	Prostanthera cuneata	Alpine Mint Bush	1 gal.	Pot	72
	RM	Rhododendron macrophyllum	Pacific Rhododendron	5 gal.	Pot	10
	RW	Ribes sanguineum 'White Icicle'	White Icicle Flowering Currant	2 gal.	Pot	5
	SC	Salvia nemorosa 'Caradonna'	Cardonna Meadow Sage	1 gal.	Pot	129
	SR	Sarcococca ruscifolia	Fragrant Sweetbox	1 gal.	Pot	23
	SG	Spiraea japonica 'Goldmound'	Goldmound Japanese Spirea	1 gal.	Pot	88
	VD	Viburnum davidii	David Viburnum	1 gal.	Pot	108

PLANTING NOTES

GENERAL PLANTING NOTES:

- CHECK FOR LOCATIONS OF WATER LINES AND ANY OTHER U/G SERVICES PRIOR TO DIGGING.
- TRANSPORT AND HANDLING OF PLANT MATERIALS TO CSLA LANDSCAPE STANDARDS.
- ENSURE AVAILABILITY AND SOURCE OF PLANT LIST MATERIALS AT LEAST 2 MONTHS PRIOR TO ANTICIPATED PLANTING TIME.
- INSPECT ALL ASSEMBLED PLANT MATERIAL UPON ARRIVAL ON SITE, PRIOR TO INSTALLATION.
- NO PLANTS REQUIRING PRUNING OF MAJOR BRANCHES DUE TO DISEASE, DAMAGE OR POOR FORM WILL BE ACCEPTED.
- ALL CALIPRE-STOCK TREES SHALL BE B&B IN WIRE BASKETS OR IN CONTAINERS. BAG-GROWN TREES WILL NOT BE ACCEPTED.
- THE LAYOUT OF ALL APPROVED PLANT MATERIAL SHALL BE IN ACCORDANCE WITH THE CONTRACT DRAWINGS. CONTRACTOR TO DO INITIAL LAYOUT OF PLANTS FOR APPROVAL PRIOR TO INSTALLATION. FINAL LAYOUT IS TO BE VERIFIED BY THE CONTRACT ADMINISTRATOR.
- PLANTING TECHNIQUES AS PER SPECIFICATIONS.

GROWING MEDIUM NOTES:

- GROWING MEDIUM TO MEET THE PHYSICAL AND CHEMICAL PROPERTIES DEFINED IN THE PROJECT SPECIFICATIONS.
- PRIOR TO PROCUREMENT, INFORM CONTRACT ADMINISTRATOR OF NAME OF GROWING MEDIUM SUPPLIER AND LOCATION OF STOCKPILE FOR INSPECTION.
- (2) ROUNDS OF SOIL TESTING WILL BE REQUIRED AT THE CONTRACTOR'S EXPENSE: (1) PRIOR TO INSTALLATION OF GROWING MEDIUM TO IDENTIFY SUITABILITY AND AMENDMENT REQUIREMENTS; AND (1) AT SUBSTANTIAL PERFORMANCE TO CONFIRM QUALITY OF INSTALLED GROWING MEDIUM.
- FOR SOIL TEST(S): SUBMIT 4 LITRE SAMPLE(S) OF PROPOSED GROWING MEDIUM TO PACIFIC SOILS ANALYSIS INC. LABORATORY IN RICHMOND BC (604) 273-8226. INDICATE TO LAB THAT THE PURPOSE OF ANALYSIS AND AMENDMENT RECOMMENDATIONS ARE FOR TREE AND SHRUB PLANTING AND SEEDED LAWN. ANALYSIS SHOULD INCLUDE ALL PROPERTIES LISTED IN THE PROJECT SPECIFICATIONS.
- THE SOIL SAMPLES AT SUBSTANTIAL PERFORMANCE, ALONG WITH THE AMENDMENT RECOMMENDATIONS FROM THE SOILS LAB, SHALL BE THE BASIS FOR ACCEPTANCE OF THE GROWING MEDIUM.
- MINIMUM COMPACTED GROWING MEDIUM DEPTHS: LAWN 150mm, SHRUB BEDS 450mm, TREES 800mm. ALL BEDS TO BE EXCAVATED TO APPROPRIATE DEPTH TO ACCOMMODATE MIN. GROWING MEDIUM DEPTH PLUS DEPTH OF SETTLEMENT.

MULCH NOTES:

- BARK MULCH DEPTH SHALL BE 75mm (3") AFTER SETTLING.
- PROVIDE MULCH OVER ALL NEW AND EXISTING PLANTING AREAS.
- TO BE NATURALLY DARK BROWN BARK MULCH AND FREE OF WOOD STICKS, STONES, ROOTS, AND OTHER DELETERIOUS MATERIAL.
- SAMPLE TO BE PROVIDED TO THE CONTRACT ADMINISTRATOR FOR APPROVAL PRIOR TO INSTALLATION.

TREE PROTECTION NOTES:

- PROTECT TREES THAT ARE TO REMAIN PER CITY OF LANGFORD TREE PROTECTION STANDARDS AND PROJECT SPECIFICATIONS.
- CERTIFIED ARBORIST TO REVIEW AND APPROVE TREE PROTECTION MEASURES PRIOR TO CONSTRUCTION WORK COMMENCING.
- CERTIFIED ARBORIST TO MONITOR CONSTRUCTION WORK WITHIN ROOT ZONES OF EXISTING TREES TO BE RETAINED INCLUDING REMOVAL AND REPLACEMENT OF EXISTING HARDSCAPE SURFACES AND IMPROVEMENTS TO IRRIGATION SYSTEM AND PLANTING AREAS.
- GRADE CHANGE, OR STORAGE OF MATERIALS OR EQUIPMENT, OR ANY OTHER CONSTRUCTION ACTIVITY IS PROHIBITED WITHIN THE FENCED TREE PROTECTION AREA.

File: Z:\Active\2025\25672 - COTLAN - Veterans Memorial Park Expansion\Sheets\25672_VMP_L5.0_Planting_Plans.dwg

REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPRD
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**VETERANS MEMORIAL
PARK EXPANSION**

PLANT SCHEDULE & NOTES

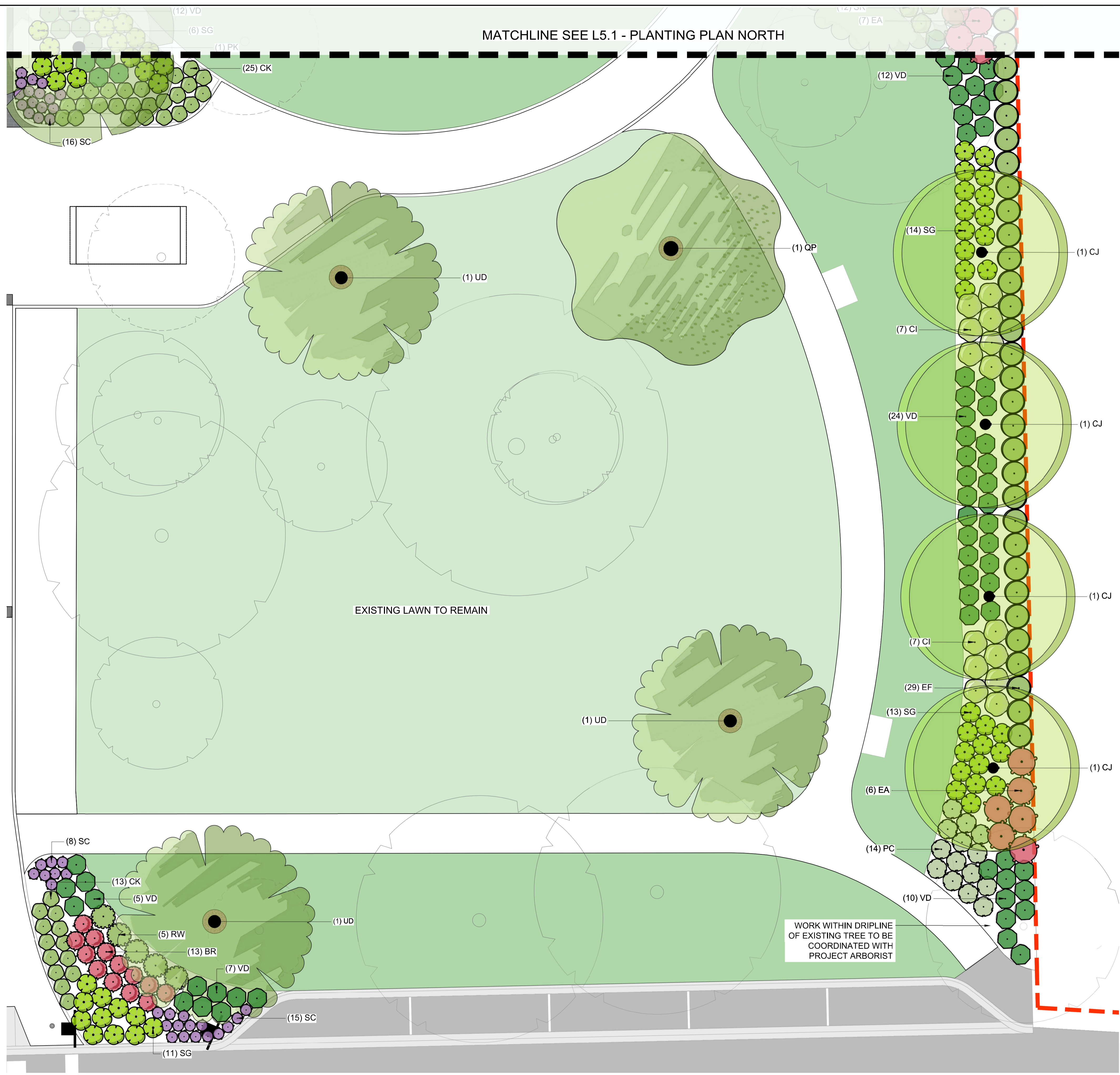


ISSUED FOR NRFP DESIGN NO.

34472

SCALE	NTS	CREATION DATE	March 6, 2026	DWG. NO.
DRAWN BY	SFJ	DESIGN BY	SFJ/VW	L5.0
CHECKED BY	VW	APPROVED BY	PVR	13 OF 16
PLOT DATE	March 10, 2026			REV. 4

MATCHLINE SEE L5.1 - PLANTING PLAN NORTH



PLANT SCHEDULE

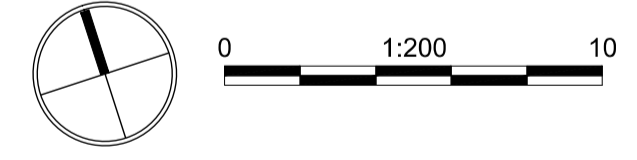
SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER
TREES					
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	CJ	<i>Cercidiphyllum japonicum</i>	Katsura Tree	6 cm cal.	B&B
	CC	<i>Cercis canadensis</i>	Eastern Redbud	6 cm cal.	B&B
	PK	<i>Prunus serrulata</i> 'Kwanzan'	Kwanzan Japanese Flowering Cherry	6 cm cal.	B&B
	QP	<i>Quercus palustris</i>	Pin Oak	6 cm cal.	B&B
	UD	<i>Ulmus davidiana japonica</i> 'Discovery'	Discovery Elm	6cm Cal.	B&B

PLANT SCHEDULE

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	QTY
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	BR	<i>Berberis thunbergii</i> 'Rose Glow'	Rose Glow Japanese Barberry	1 gal.	Pot	13
	CK	<i>Cornus sericea</i> 'Kelsey'	Kelsey's Dwarf Red Twig Dogwood	1 gal.	Pot	79
	CI	<i>Cornus sericea</i> Arctic Fire	Red Twig Dogwood	1 gal.	Pot	21
	EF	<i>Escallonia x exoniensis</i> 'Fradesii'	Pink Princess Escallonia	2 gal.	Pot	55
	EA	<i>Euonymus alatus</i>	Burning Bush	1 gal.	Pot	19
	NM	<i>Nandina domestica</i> 'Moon Bay'	Moon Bay Heavenly Bamboo	1 gal.	Pot	25
	PC	<i>Prostanthera cuneata</i>	Alpine Mint Bush	1 gal.	Pot	72
	RM	<i>Rhododendron macrophyllum</i>	Pacific Rhododendron	5 gal.	Pot	10
	RW	<i>Ribes sanguineum</i> 'White Icicle'	White Icicle Flowering Currant	2 gal.	Pot	5
	SC	<i>Salvia nemorosa</i> 'Caradonna'	Cardonna Meadow Sage	1 gal.	Pot	129
	SR	<i>Sarcococca ruscifolia</i>	Fragrant Sweetbox	1 gal.	Pot	23
	SG	<i>Spiraea japonica</i> 'Goldmound'	Goldmound Japanese Spirea	1 gal.	Pot	88
	VD	<i>Viburnum davidii</i>	David Viburnum	1 gal.	Pot	108

NOTES

- REFER TO GENERAL PLANTING NOTES ON L5.0



LEGEND

- SEEDED LAWN AREA. PREMIER PACIFIC SUN/SHADE SEED MIX, OR APPROVED EQUAL
- BARK MULCH. SEE PLANTING DETAILS (L5.3)
- EXISTING TREE RETAINED

ISSUED FOR NRFP

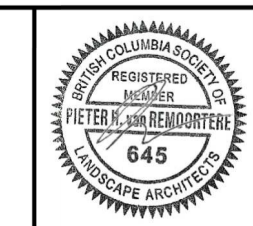
34472

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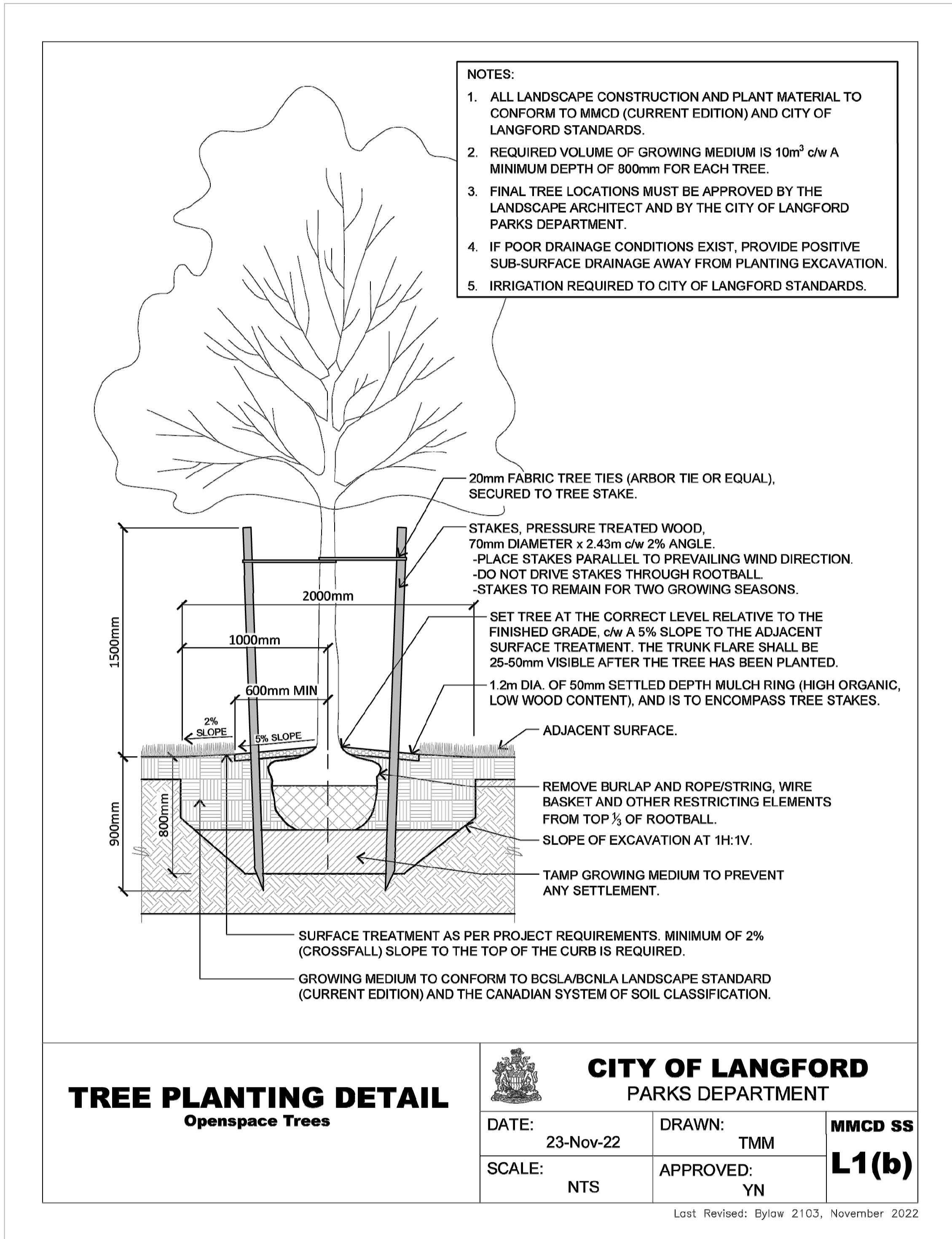
VETERANS MEMORIAL PARK EXPANSION

PLANTING PLAN SOUTH



SCALE	1:100	CREATION DATE	March 11, 2026	DWG. NO.	L5.2
DRAWN BY	SFJ	DESIGN BY	SFJ/VW		
CHECKED BY	VW	APPROVED BY	PVR		15 OF 16
PLOT DATE	March 11, 2026				REV. 4

File: Z:\Active\2025\25672 - COTLAN - Veterans Memorial Park Expansion\Sheets\25672_VMP_L5.0_Planting_Plans.dwg



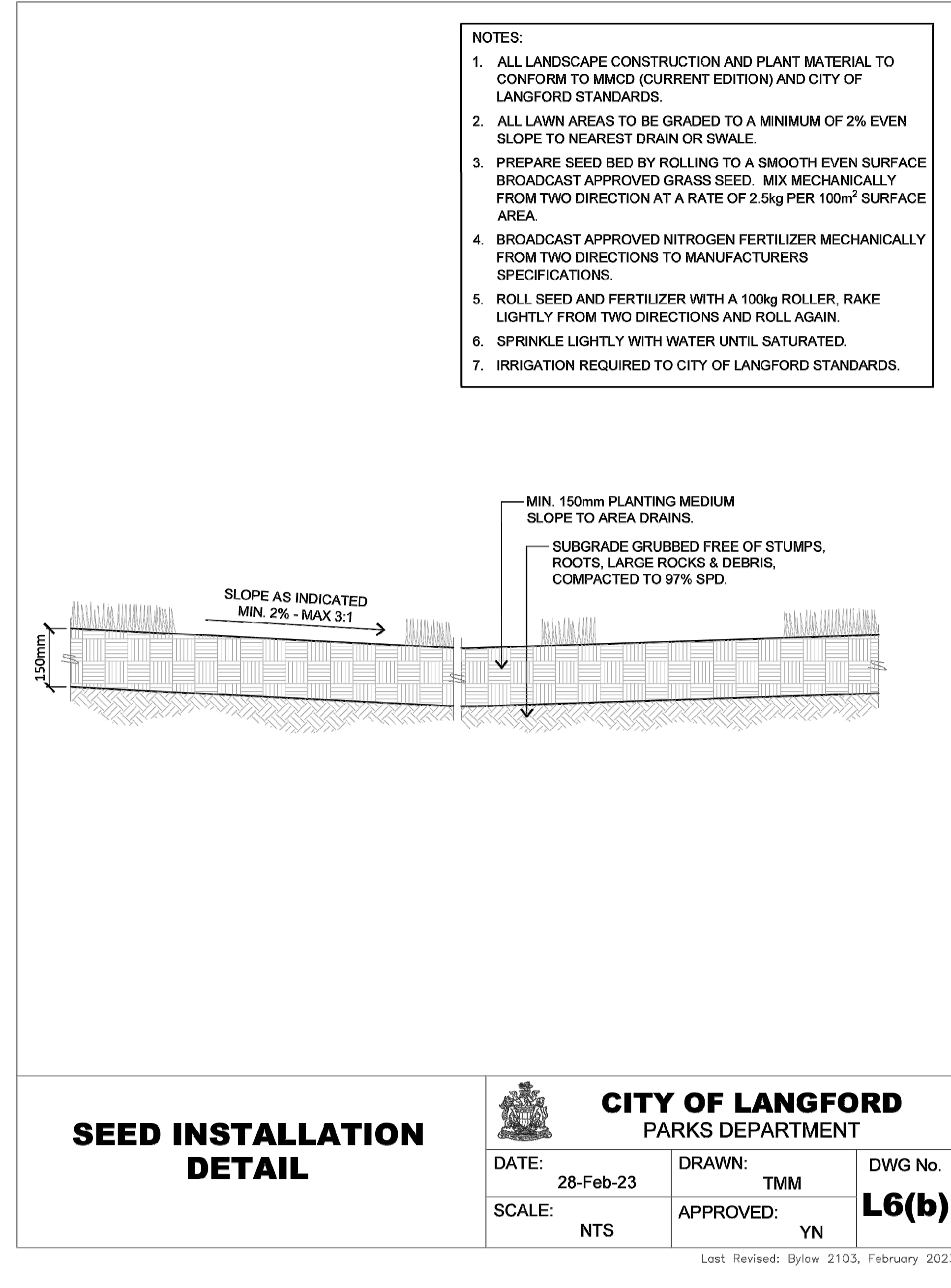
TREE PLANTING DETAIL
Openspace Trees

CITY OF LANGFORD
PARKS DEPARTMENT

DATE: 23-Nov-22	DRAWN: TMM	MMCD SS L1(b)
SCALE: NTS	APPROVED: YN	

Last Revised: Bylaw 2103, November 2022

01 TREE PLANTING DETAIL
SCALE: NTS



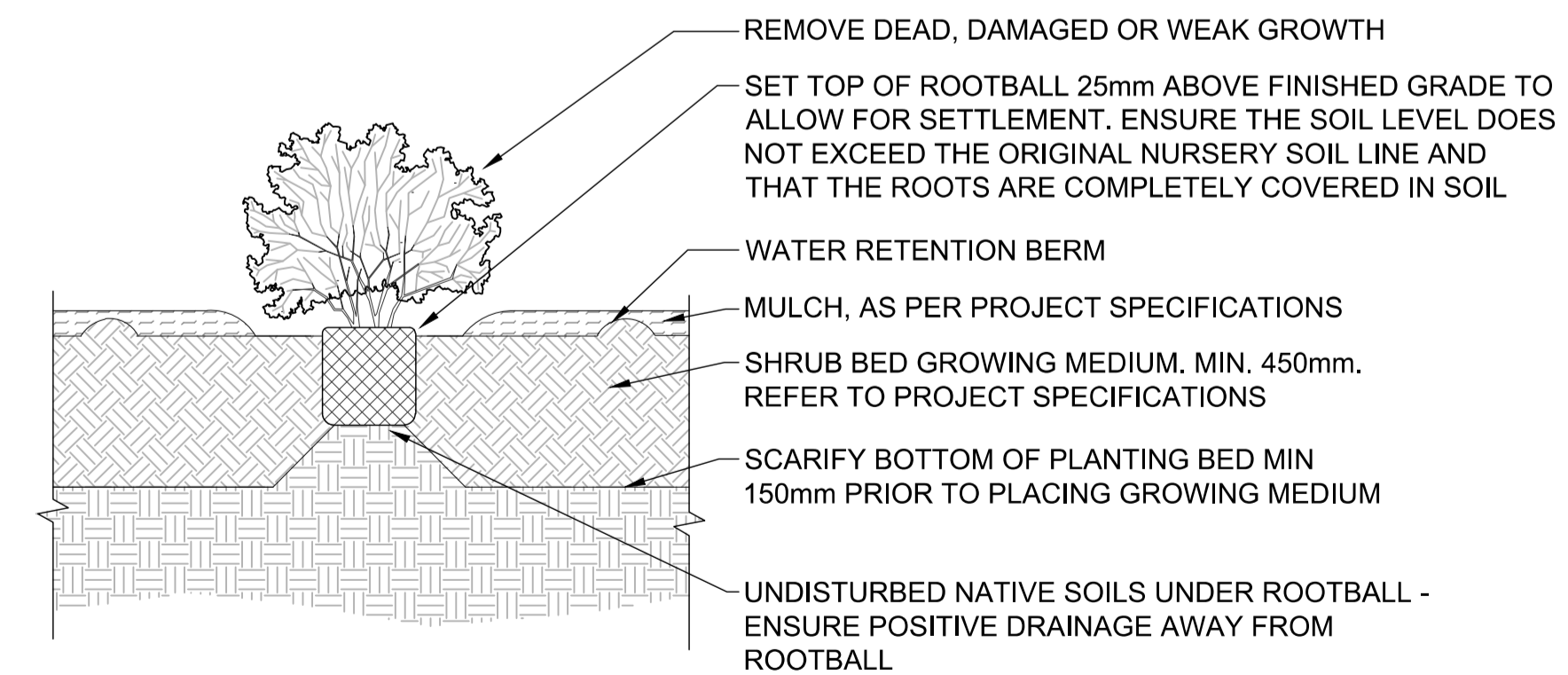
SEED INSTALLATION DETAIL

CITY OF LANGFORD
PARKS DEPARTMENT

DATE: 28-Feb-23	DRAWN: TMM	DWG No. L6(b)
SCALE: NTS	APPROVED: YN	

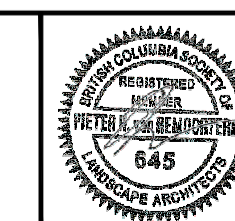
Last Revised: Bylaw 2103, February 2023

02 SEEDED LAWN DETAIL
SCALE: NTS



03 SHRUB PLANTING
SCALE: 1:20

REV NO.	REVISION DESCRIPTION	DATE	DRAWN	APPRD
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SCALE	VARIES	CREATION DATE	March 10, 2026	DWG. NO.	34472
DRAWN BY	SFJ	DESIGN BY	SFJ/VW		L5.3
CHECKED BY	VW	APPROVED BY	PVR		16 OF 16
PLOT DATE	March 10, 2026				REV. 4