GENERAL NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SHOWN.
2. ONLY AUTHORIZED PRODUCTS THAT ARE LISTED IN THE STRATEGIC PRODUCT REGISTER AS SELECTED BY THE DESIGNER TO MATCH ASSESSED SITE CONDITIONS SHALL BE PERMISSIBLE.
3. ALTERNATIVE PROPRIETARY PRODUCTS OR BRANDS MAY BE CONSIDERED, SUBJECT TO PRIOR TIMELY WRITTEN EVALUATION AND ACCEPTANCE BY THE CORPORATION.
4. PROPRIETARY PRODUCTS SHALL GENERALLY BE INSTALLED IN ACCORDANCE WITH PRODUCT MANUFACTURER'S PRINTED INSTALLATION REQUIREMENTS.
5. HOLES FOR FIXING STEEL COMPONENTS INTO CONCRETE COMPONENTS SHALL BE SITE DRILLED WITH STEEL COMPONENTS ACCURATELY POSITIONED AS SPECIFIED.
6. THE REQUIRED NUMBER OF DN25 TAPPING POINTS SHALL BE INSTALLED ON PIPES IN ACCORDANCE WITH THE DETAILS SPECIFIED ON THE DRAWINGS.
7. UNI-FLANGE PRODUCTS ARE AVAILABLE FROM 'VIADUX' OR 'THE DOBBIE DICO METER COMPANY'.
8. PUMPSET, DISCHARGE BEND, GUIDE RAILS AND LIFTING CHAINS/FITTINGS SHALL BE IN ACCORDANCE WITH SPS 503.
9. COPPER ALLOY FITTINGS SHALL BE IN ACCORDANCE WITH AS 3688 AND SHALL BE DEZINCIFICATION RESISTANT IN ACCORDANCE WITH AS 2345.
10. PIPE CORROSION PROTECTION WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH DS 95, DULY SUPPLEMENTED BY THE PROTECTION SYSTEM MANUFACTURER'S PRINTED INSTALLATION AND CORROSION PROTECTION SPECIFICATION.
11. REFER TO TABLE 2 OF DRAWING CA01-1-3-2 FOR DETAILS OF RELEVANT TECHNICAL SPECIFICATIONS AND DOCUMENTS WHICH SHOULD BE REFERENCED IN DRAWINGS TO ASSURE COMPLIANCE WITH SPECIFIED REQUIREMENTS.
12. DUCTILE IRON ACCESS COVER ASSEMBLIES SHALL BE IN ACCORDANCE WITH SPS 801.

VALVE NOTES:

1. VALVES SHALL COMPLY WITH THE RELEVANT STRATEGIC PRODUCT SPECIFICATIONS (SPS) SHOWN IN TABLE 2 AND SHALL BE SELECTED FROM VALVE PRODUCTS THAT HAVE BEEN AUTHORIZED AND LISTED FOR USE IN THE STRATEGIC PRODUCTS REGISTER BY THE CORPORATION.

STEEL NOTES:

GENERAL STEEL NOTES:

1. METALLIC WELDING SHALL COMPLY WITH TECHNICAL WELDING SPECIFICATION WS-1 AND WITH AS 4041 CLASS 2P FOR PIPEWORK.
2. STEELWORK ASSEMBLY SHALL BE IN ACCORDANCE WITH THE PROJECT DRAWINGS.
3. STEELWORK FABRICATION AND ERECTION SHALL COMPLY WITH AS 4100, AS/NZS 1554.1(SP) AND DS65.
4. FLANGES SHALL BE IN ACCORDANCE WITH WITH DS 38-02 INCLUDING AS 4087. FLANGE PRESSURE RATING SHALL BE AT LEAST PN 16 EXCEPT AS MAY OTHERWISE BE EXPRESSLY SPECIFIED (E.G. PN 14 FOR GREY IRON AND COPPER FLANGES). - FLANGE BOLT HOLES SHALL BE DRILLED AND SPACED EQUALLY OFF PIPELINE CENTERLINE. FLANGES SHALL BE MACHINED FOR FULL FACE GASKET.
5. A THIN LAYER OF ANTI-CORROSIVE COATING (E.G. LANOTEC TYPE A GREASE) SHALL BE APPLIED TO FLANGE FACES AFTER WELDING AND MACHINING AND SHALL BE REMOVED IMMEDIATELY PRIOR TO FLANGED JOINT INSTALLATION.
6. METALLIC FLANGED JOINTS SHALL BE PROTECTED FROM CORROSION IN ACCORDANCE WITH TABLE 1.

TABLE 1

LOCATION	JOINT WORK	FASTENER (NUT/BOLT/WASHER) MATERIAL	REQUIRED PROTECTION
WET WELL	SS/SS	SS (REFER STAINLESS STEEL NOTES)	NONE
WET WELL	MS/MS MS/DI DI/DI	HOT DIP GALVANISED (REFER MILD STEEL NOTES) FLANGED NON-RETURN AND AIR VALVE JOINTS SHALL BE FASTENED WITH SS FASTENERS (REFER STAINLESS STEEL NOTES)	4 STEP PETROLATUM TAPE WRAPPING IN ACCORDANCE WITH DS 95 SPECIFICATION L1 (FIGURE 2) EXCEPT FLANGED NON-RETURN AND AIR VALVE JOINTS NON-RETURN AND AIR VALVE JOINTS SHALL REMAIN EXPOSED
BURIED			
WWPS VALVE PIT	ALL EXCEPT NON-RETURN VALVES		
AIR VALVE AND SCOUR VALVE PITS	ALL EXCEPT AIR VALVES		
DRY WELL	ALL	HOT DIP GALVANISED (REFER MILD STEEL NOTES)	IN ACCORDANCE WITH DS 95 SPECIFICATION L1 (FIGURE 2)

7. FASTENER (BOLT/NUT/WASHER) LENGTHS SHALL BE SELECTED SO AS TO PROVIDE MINIMUM FREE BOLT THREAD LENGTHS IN ACCORDANCE WITH AS 4100.
8. BRACKET FASTENING CLEARANCE HOLES FOR BOLT FASTENERS SHALL GENERALLY BE 2 MM LARGER THAN FASTENER DIAMETERS. CLEARANCE HOLES FOR ANCHORAGE FIXINGS SHALL BE AS SPECIFIED BY THE ANCHORAGE SYSTEM MANUFACTURER.
9. FLANGE AND GASKET MATERIAL PERFORMANCE FOR THE FLANGE AND GASKET COMBINATIONS SHALL BE AS SPECIFIED ON THE DRAWINGS BY THE DESIGNER IN ACCORDANCE WITH DS 38-02 REQUIREMENTS FOR THE FLANGED JOINT SIZES AND PRESSURE RATINGS NOMINATED.
10. STEEL PIPE SHALL BE INTERNALLY CEMENT LINED AND EXTERNALLY MDPE (FUSION BOND) COATED IN ACCORDANCE WITH SPS 100, EXCEPT AS MAY OTHERWISE BE SPECIFIED IN WRITING.
11. DAMAGE TO PIPELINE CEMENT LINING SHALL BE REPAIRED IN ACCORDANCE WITH DS 95 TECHNICAL WELDING SPECIFICATION M8, AS DULY SUPPLEMENTED BY THE PIPE MANUFACTURERS PRINTED REPAIR SPECIFICATION.
12. WHERE BURIED AND EXPOSED FUSION BOND COATED PIPE AND PIPE FITTINGS ARE, WELD JOINTED, THE COATING ON BOTH SPIGOT ENDS SHALL BE STRIPPED BACK AT LEAST 100mm FROM THE JOINT WELD LOCATION. AFTER WELDING IN ACCORDANCE WITH TECHNICAL SPECIFICATION WS 1 - AND THE STRIPPED AREAS SHALL BE HEAT SHRINK SLEEVED IN ACCORDANCE WITH DS 95 SPECIFICATION L2.
13. WHERE BURIED AND EXPOSED STEEL PIPE FITTINGS (SUCH AS BENDS AND TEES) ARE EXTERNALLY UNCOATED DUE TO THE IMPRACTICABILITY OF PRE-COATED FITTING FABRICATION, THEY SHALL BE EXTERNALLY HEAT SHRINK SLEEVED IN ACCORDANCE WITH SECTION 13 "PIPELINES COATING - BELOW AND ABOVE GROUND" AND TECHNICAL SPECIFICATION L2 OF DS95.
14. THE EXTERNAL SURFACE OF UNCOATED STEEL PIPEWORK AND DAMAGED AREAS OF EXTERNAL FBE COATING ON SITE WELDED AND FLANGE JOINTED STEEL PIPE SHALL BE CORROSION PROTECTED IN ACCORDANCE WITH THE SURFACE PREPARATION AND TECHNICAL SPECIFICATION L2 (HEAT SHRINK SLEEVE APPLICATION) REQUIREMENTS OF DS 95.

STAINLESS STEEL NOTES:

1. STAINLESS STEEL PLATE, SHEET, STRIP SHALL BE AISI GRADE 316L OR 316Ti. WELDING CONSUMABLES SHALL BE PREQUALIFIED FOR THE STEEL GRADES TO BE WELDED IN ACCORDANCE WITH AS/NZS 1554.6. SURFACE PREPARATION AND WELDING OF STAINLESS STEEL COMPONENTS SHALL BE IN ACCORDANCE WITH TECHNICAL SPECIFICATION WS 1.
2. EACH WELD SHALL BE A CONTINUOUS STRUCTURAL FILLET WELD MINIMUM SIZE 6mm IN ACCORDANCE WITH AS 1554.6. WELD CATEGORY SHALL BE 2B AND SURFACE FINISH SHALL BE GRADE II (a).
3. ALL WELDS SHALL BE PICKLED AND PASSIVATED BEFORE INSTALLATION. CREVICES BETWEEN ADJOINING STAINLESS STEEL COMPONENTS WHICH ARE NOT JOINTED BY CONTINUOUS FILLET WELDING (TO PRECLUDE HEAT DISTORTION RISKS) AND WHICH ARE NOT DEEMED BY THE DESIGNER TO CONSTITUTE STRUCTURAL JOINTS MAY BE FILLED AND SEALED WITH PARCHEM EMER-SEAL CR OR APPROVED EQUIVALENT.
4. STAINLESS STEEL COMPONENT DISTORTION SHALL BE CORRECTED OR ELIMINATED BEFORE WELDING OPERATIONS.
5. FASTENER MATERIAL AND MECHANICAL PERFORMANCE CHARACTERISTICS FOR STAINLESS STEEL FLANGE AND STRUCTURAL FASTENING APPLICATIONS SHALL BE AS SPECIFIED ON THE DRAWINGS. STAINLESS STEEL FLANGE FASTENER SPECIFICATIONS SHALL COMPLY WITH DS 38-02.
6. BOLTS AND NUTS SHALL BE MATERIAL GRADE A4 PROPERTY CLASS 70 FOR FLANGE FASTENING AND CLASS 80 FOR STRUCTURAL APPLICATIONS, IN ACCORDANCE WITH ISO 3506. WASHERS SHALL BE VICKERS HARDNESS 200HV OR GREATER AND SHALL BE PRODUCT GRADE A OR C.
7. STAINLESS STEEL BRACKETS SHALL BE MECHANICALLY FIXED TO CONCRETE STRUCTURES AND OTHER COMPONENTS BY MEANS OF STAINLESS STEEL FASTENERS AS SPECIFIED ON THE DRAWINGS.
8. THE FABRICATOR SHALL VALIDATE ALL SITE SPECIFIC STAINLESS STEEL COMPONENT DIMENSIONAL FITS PRIOR TO FABRICATION AND SHALL VERIFY THESE BY DETAILING THEM ON SHOP DETAIL DRAWINGS.
9. STAINLESS STEEL COMPONENTS SHALL BE PROVIDED WITH SUFFICIENT FIXING CLEATS, BRACKETS AND HOLES TO FACILITATE COMPLETION OF STAINLESS STEEL WORK AS SHOWN ON PROJECT DESIGN DRAWINGS

CARBON (MILD) STEEL NOTES:

1. SURFACE PREPARATION AND HOT DIPPED GALVANIZING OF CARBON STEEL STRUCTURAL COMPONENTS SHALL BE IN ACCORDANCE WITH DS 95 TECHNICAL SPECIFICATIONS A1 AND H2 RESPECTIVELY.
2. FASTENER MATERIAL AND MECHANICAL PERFORMANCE CHARACTERISTICS FOR FLANGE AND STRUCTURAL FASTENING APPLICATIONS SHALL BE AS SPECIFIED ON THE DRAWINGS. FLANGE FASTENER SPECIFICATIONS SHALL COMPLY WITH DS 38-02.
3. TYPICALLY, BOLTS AND NUTS SHALL BE PROPERTY CLASS 8.8 AND 8 RESPECTIVELY AND WASHERS SHALL BE PROPERTY GRADE A OR C. STUDBOLTS SHALL NOT BE USED IN FLANGED FASTENING APPLICATIONS.
4. CARBON STEEL BRACKETS SHALL BE MECHANICALLY FIXED TO CONCRETE STRUCTURES AND OTHER COMPONENTS BY MEANS OF STAINLESS STEEL FASTENERS AS SPECIFIED ON THE DRAWINGS.
5. DAMAGE TO HOT DIP GALVANIZING SHALL BE REPAIRED IN ACCORDANCE WITH DS 95 TECHNICAL SPECIFICATION H1.
6. DAMAGE TO PIPELINE CEMENT LINING SHALL BE REPAIRED IN ACCORDANCE WITH DS 95 TECHNICAL SPECIFICATION M8.
7. CARBON STEEL FASTENER MATERIAL AND MECHANICAL PERFORMANCE CHARACTERISTICS FOR STRUCTURAL STEEL CONNECTIONS SHALL BE AS SPECIFIED ON THE DRAWINGS. TYPICALLY, BOLTS, AND NUTS SHALL BE PROPERTY CLASS 8.8 AND 8 RESPECTIVELY AND WASHERS SHALL BE PROPERTY GRADE A OR C.

DUCTILE IRON (DI) PIPE AND FITTING NOTES:

1. DUCTILE IRON PIPE FITTINGS SHALL COMPLY WITH SPS 106 INCLUDING THE REQUIREMENT FOR THERMAL-BONDED POLYMERIC COATING INTERNALLY AND EXTERNALLY IN ACCORDANCE WITH AS/NZS 4158.

POLYEHTYLENE (PE) PIPE AND FITTING NOTES:

1. PE PIPE SHALL BE IN ACCORDANCE WITH SPS 125 (AS/NZS 4130 PE100 SERIES 1 PIPE - COLOURED BLACK, STRIPED CREAM).
2. THE GEOMETRY AND PERFORMANCE CHARACTERISTICS OF PE PIPE FITTINGS SHALL BE AS SPECIFIED ON THE DRAWINGS IN ACCORDANCE WITH SPS 125 AND SHALL BE DULY SUPPORTED BY ACCEPTABLE OBJECTIVE EVIDENCE OF COMPLIANCE WITH THESE REQUIREMENTS.
3. ONLY AUTHORISED (INJECTION MOULDED, POST-FORMED OR FABRICATED) PE PIPE FITTINGS, OR DI PIPE FITTINGS, WHERE EXPRESSLY SPECIFIED - NOMINATED ON THE DRAWINGS SHALL BE INSTALLED.
4. SIGNIFICANT PE PIPELINE CHANGES OF DIRECTION - SHALL NOT BE UNDERTAKEN BY MEANS OF PIPELINE CURVATURE EXCEPT AS EXPRESSLY SPECIFIED ON THE DRAWINGS AND IN ACCORDANCE WITH AS/NZS 2033 - AND PIPA INDUSTRY GUIDELINE POP 202.
5. FUSION JOINTING AND INSTALLATION OF PE PIPELINES SHALL BE IN ACCORDANCE WITH TECHNICAL WELDING SPECIFICATION WS-2 AND AS/NZS 2033 REQUIREMENTS.
6. PE PIPE BEND CONFIGURATION SHALL BE LONG RADIUS (SWEPT), EXCEPT AS OTHERWISE EXPRESSLY SHOWN ON THE DRAWINGS.
7. THE PRESSURE RATING OF PE PIPELINE FITTINGS SHALL NOT BE LESS THAN THAT OF THE PIPELINE AND SHALL BE SUPPORTED BY PRODUCT CERTIFICATION FOR COMPLIANCE WITH AN ACCEPTABLE PRODUCT STANDARD, BY INDEPENDENTLY WITNESSED TEST LABORATORY RESULTS OR BY SUPPLIER/MANUFACTURER PRODUCT DESIGN MODELLING OR CALCULATIONS THAT ARE ACCEPTABLE TO THE CORPORATION.

GRP PIPE AND FITTING NOTES:

1. GRP PRESSURE PIPES AND FITTINGS SHALL COMPLY WITH SPS 130 (INCLUDING PRODUCT CERTIFICATION FOR COMPLIANCE WITH AS 3571).

PVC PIPE AND FITTING NOTES:

1. PVC PRESSURE PIPES AND FITTINGS SHALL BE SERIES 2 (CIOD COMPATIBLE) AND SHALL COMPLY WITH SPS 115 FOR PVC-U, SPS 116 FOR PVC-M AND SPS 117 FOR PVC-O.

GENERAL CONCRETE AND MASONRY NOTES:

1. CONCRETE SHALL BE SPECIFIED AND SUPPLIED IN ACCORDANCE WITH AS 1379.
2. CONCRETE REINFORCING MATERIALS SHALL BE IN ACCORDANCE WITH AS/NZS 4671. REINFORCING STEEL SHALL BE NORMAL DUCTILE GRADE 500N AND SHALL BE NO CLOSER THAN 30 MM TO EMBEDDED ITEMS - INCLUDING PIPEWORK - CAST INTO THE CONCRETE. END COVER TO REINFORCING STEEL SHALL BE NOT LESS THAN 50 MM.
3. STRUCTURAL CONCRETE SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH AS 3600. THE REQUIREMENTS OF AS 3735 SHALL APPLY TO WASTEWATER AND WATER RETAINING STRUCTURES AND SHALL TAKE PRECEDENCE WHEREVER DIFFERENT TO AS 3600 REQUIREMENTS.
4. ALL COMPONENTS OF CONCRETE STRUCTURES (PUMPING WELLS, VALVE PITS AND ASSOCIATED/ADJOINING CHAMBERS) FOR WASTEWATER CONTACT APPLICATIONS SHALL BE IN ACCORDANCE WITH SPS 702.
5. DRILLING AND CORING OF CONCRETE COMPONENTS IN THE VICINITY OF ELECTRICAL CONDUITS SHALL NOT BE PERMISSIBLE.
6. BRICKS FOR STRUCTURAL APPLICATIONS SHALL HAVE A CHARACTERISTIC UNCONFINED COMPRESSIVE STRENGTH OF AT LEAST 10 MPa IN ACCORDANCE WITH AS 4455.1, WHEN TESTED IN ACCORDANCE WITH AS 4456.4.
7. CEMENT MORTAR FOR STRUCTURAL APPLICATIONS SHALL BE CLASS M4 IN ACCORDANCE WITH AS 3700.

GENERAL PREVENTION OF FALLS EQUIPMENT NOTES:

GUARDRAILING NOTES:

1. GUARDRAILING AND EQUIPMENT LIFTING DAVITS SHALL BE INSTALLED IN ACCORDANCE WITH THE PROJECT DETAIL (INCLUDING "EXAMPLE") DRAWINGS.
2. TEMPORARY GUARDRAIL SYSTEMS SHALL BE REQUIRED WHERE CONCRETE STRUCTURES ARE LOCATED IN UNFENCED AREAS. FENCED SITES SHALL REQUIRE THE INSTALLATION OF PERMANENT GUARDRAIL SYSTEMS.
3. TEMPORARY GUARDRAIL SYSTEMS SHALL BE SUPPLIED WHEREVER SPECIFIED ON PARTICULAR PROJECTS.
4. TEMPORARY GUARDRAIL POSTS SHALL BE INSTALLED IN THE RELEVANT CONCRETE BASES AND SHALL BE ORIENTATED TO ACCOMMODATE THE ASSOCIATED ACCESS AND LIFTING EQUIPMENT DIMENSIONS AND ARRANGEMENTS.
5. TEMPORARY GUARDRAILS SHALL BE ASSEMBLED IN ACCORDANCE WITH THE MANUFACTURER'S PRINTED INSTRUCTIONS INCLUDING LENGTH ADJUSTMENT TO MATCH THE SPECIFIED FINISHED DIMENSIONS. THEY SHALL BE SECURELY LOCKED INTO PLACE ONTO POST LUGS WITH SPRING LOADED PINS.
6. TEMPORARY GUARDRAILS, POSTS AND SLEEVES ARE AVAILABLE FROM "KENNEDY'S ALUMINIUM" 103 -109 HOLLOWAY ST, BAIRNSDALE, VICTORIA 3875 - PH: (03) 5152 3633; FAX: (03) 5152 1488.
7. PERMANENT GUARDRAILING SHALL COMPRISE 'WEBFORGE' (OR APPROVED EQUIVALENT) TUBULAR HOT DIP GALVANISED COMPONENTS. GUARDRAILING SHALL BE IN ACCORDANCE WITH AS1657 AND SHALL BE AT A HEIGHT OF AT LEAST 1 METRE ABOVE THE RELEVANT CONCRETE BASE COMPONENT.
8. ALL PERMANENT GUARDRAIL TO POST CONNECTIONS AND ALL SLEEVED RAIL CONNECTIONS SHALL BE WELDED WITH A 4mm CONTINUOUS FILLET WELD.
9. GUARDRAIL TOE BOARDS SHALL BE INSTALLED BUT ARE NOT SHOWN ON THE DRAWINGS FOR CLARITY.
10. GUARDRAIL SPACINGS AND ARRANGEMENTS SHOWN ON THE EXAMPLE DRAWINGS ARE BASED ON A MAXIMUM 1219mm AND A MINIMUM 762mm EQUIPMENT LIFTING DAVIT SYSTEM RADIAL MOVEMENT WHEREVER DAVIT SYSTEMS ARE SPECIFIED.

SAFETY GRATING NOTES:

STAINLESS STEEL SAFETY GRATINGS AS DETAILED ON THE DRAWINGS ARE INTENDED TO BE SECURED, WHEN IN THE OPEN POSITION, TO EITHER THE TOP RAIL OR KNEE RAIL OF THE ADJOINING SAFETY (PERMANENT AND TEMPORARY) GUARDRAILING BY MEANS OF AN AUTHORIZED HEAVY DUTY PULL/TIE DOWN STRAP, SUBJECT TO THE FOLLOWING PRE-REQUISITE CRITERIA:

1. GRATING BEING SECURED IN THE OPEN POSITION BY MEANS OF NEW STRAPPING WITH A PROVEN SAFE TENSILE STRENGTH OF AT LEAST 200kg (E.G. "LION AUSTRALIA LA149CP") IN ACCORDANCE WITH THE STRAPPING MANUFACTURER'S REQUIREMENT;
2. THE ANGLE TO THE VERTICAL OF SECURED GRATING OVERHANG INTO THE GRATED OPENING NOT EXCEEDING 5 DEGREES;
3. NO GRATE BEING LIFTED OR OPENED WHILE PREVAILING WIND SPEED EXCEEDS 20 M/S (72 KM/HR);
4. PRIOR INSTALLATION OF THE PERMANENT AND TEMPORARY GUARDRAILING IN ACCORDANCE WITH THE ARRANGEMENTS AND DIMENSIONS SPECIFIED ON THE DRAWINGS AND WITH THE MANUFACTURER'S INSTALLATION REQUIREMENTS;
5. THE LENGTH OF HORIZONTAL GUARDRAIL BETWEEN VERTICAL POSTS/STANCHIONS NOT EXCEEDING 2.4 M (TEMPORARY GUARDRAILING) OR 2.0 M (PERMANENT GUARDRAILING);
6. PRIOR CONDITION ASSESSMENT OF GUARDRAILING COMPONENTS AND FIXINGS TO EVALUATE ANY CORROSION OR OTHER DEFECTS AND TO ASSURE ABSOLUTE STRUCTURAL SOUNDNESS;
7. NO MORE THAN ONE DISCRETE SECTION OF GRATING BEING FIXED TO GUARDRAILING BY MEANS OF A PARTICULAR STRAP.

REFERENCE DRAWING:
COMMON SPECIFICATION NOTES - SHEET 2 OF 2 CA01-1-3-2

ISSUE	DATE	GRID	REVISION	DRN	REC	APPD
C	05/2019		AMEND ALL NOTES & INCLUDE CONCRETE & MASONRY NOTES AND PREVENTION OF FALLS EQUIPMENT NOTES	VF	tt	KR
B	01/2017		SHEET TITLE LINE 4 REVISED AND SHEET CONTENT TOTALLY REVISED. ALSO REFERENCE DRAWING ADDED.	DF	KR	DM

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810

DESIGN SURVEY NONE | VERTICAL DATUM NONE | COORDINATE SYS NONE | ASCON SURVEY NONE | DES CALC | DES CHD | DES REF | DRN B. JEFFERS | Q.C. CHD P. MIRCO | NORTH POINT

INFRASTRUCTURE DESIGN BRANCH

RECOMMENDED 08/04/2014
M. LAMORTE (SIGNED)
SENIOR ENGINEER, WWCS
APPROVED 08/04/2014
D. MCADIE (SIGNED)
PRINCIPAL ENGINEER, WWCS

WATER CORPORATION

WASTEWATER - EXAMPLE DRAWING
WASTEWATER PUMPING STATIONS AND PRESSURE MAINS
TYPE 10, 40 AND 90 PUMPING STATIONS
COMMON SPECIFICATION NOTES - SHEET 1 OF 2

FILE | PROJECT | PLAN CA01-1-3-1 | CAD | ISSUE C | ORIGINAL SHEET SIZE A1 | MF 26 JUN 2019

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