GENERAL NOTES:
1. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH CITY OF NANAIMO ENGINEERING STANDARDS AND SPECIFICATIONS.
2. ALL LOCATIONS AND ELEVATIONS OF EXISTING UTILITIES SHOWN ARE APPROXIMATE ONLY AND SHOULD BE CONFIRMED BY USE OF A PIPE LOCATOR AND MANUAL DIGGING. ANY OR ALL STRUCTURES NOT NECESSARILY SHOWN.
3. COORDINATES ARE GROUND LEVEL UTM NAD 83 WITH COMBINED SCALE FACTOR OF 1/0.99965 AND ALL ELEVATIONS ARE TO GEODETIC DATUM.
4. LOCATION OF SERVICE CONNECTIONS TO BE DETERMINED ON SITE UNLESS SHOWN OTHERWISE.
5. ANY ALTERNATIVES TO SPECIFIED MATERIALS OR APPURTENANCES TO BE APPROVED BY THE CITY ENGINEER PRIOR TO CONSTRUCTION.
6. THE LOCATIONS OF EXISTING SERVICES ARE APPROXIMATE AND SHALL BE CONFIRMED IN THE FIELD BY THE CONTRACTOR PRIOR TO CONSTRUCTION. EXISTING AND PROPOSED SERVICES MAY REQUIRE ADJUSTMENT WHERE A CONFLICT OCCURS. THE ENGINEER SHALL BE NOTIFIED OF ANY CONFLICT.
7. TRENCHING DETAIL TO BE AS CITY OF NANAIMO STANDARD DWG T-1. TRAVELED AREA BACKFILL TO BE IMPORTED GRANULAR MATERIAL COMPACTED TO MINIMUM 95% MODIFIED PROCTOR, UNLESS OTHERWISE APPROVED BY THE ENGINEER.
8. ASPHALT RESTORATION TO BE AS CITY OF NANAIMO STANDARD DWG T-4 OR T-4A PERMANENT PAVEMENT RESTORATION.
9. ALL DISTURBED SURFACES TO BE RESTORED TO EXISTING CONDITION OR BETTER.

SANITARY SEWER NOTES:
1. ALL MAINS SHALL HAVE A MINIMUM 1.5m OF COVER IN ROAD RIGHT-OF-WAYS AND 1.0m IN UNTRAVELED AREAS, UNLESS APPROVED BY ENGINEER.
2. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING SERVICE TO EXISTING USERS DURING CONSTRUCTION THROUGH BYPASS PUMPS. THE CONTRACTOR IS TO PROVIDE A BYPASS PUMPING PLAN PRIOR TO STARTING CONSTRUCTION FOR REVIEW AND APPROVAL BY THE CITY.
3. ALL PIPEWORK AND RELATED APPURTENANCES TO BE INSPECTED PRIOR TO RESTORATION.
4. ALL SANITARY SERVICES SHALL BE 100Ø PVC UNLESS NOTED OTHERWISE.
5. ALL SANITARY SERVICE BOXES SHALL BE IN ACCORDANCE WITH CITY OF NANAIMO STD S-5 AND S-6.
6. ALL PIPES AND JOINTS SHOULD BE PROTECTED BY SHRINK WRAP OR PETROLEUM TAPE DURING THE TRENCHING PROCESS.
7. ALL WATERMAIN JOINTS WITHIN 3.0m HORIZONTAL OR 0.45m VERTICAL OF SANITARY OR STORM DRAIN MAINS TO BE PROTECTED BY SHRINK WRAP OR PETROLEUM TAPE.
8. ANY PIPEWORK REQUIREMENTS BASED ON 2016 PEAK WET WEATHER FLOWS (PWWF) ARE 63.8% AT EXISTING SANITARY MAINLINE, 71.7% OCEANVIEW PL, AND 61.4% AT EXISTING SANITARY MAINLINE.

SANITARY SEWER UPGRADE

LOCATION PLAN

WESTDALE ROAD

SHEET No. Con DWG No. 22474
Eng File No. 5220.01.C1505
REMOVE AND DISPOSE OF EXISTING MANHOLE. INSTALL S-3 & CONNECT TO EXISTING SERVICE WITH 100Ø PVC NEW 1050Ø SSMH AS PER CON STD DWG S-2 & S-5 & S-8 (TYP) & CONNECT TO EXISTING 200Ø SANITARY EXISTING SSIC INVERT ±62.386

CAUTION: ± 2.0m 200Ø DR35 PVC SPOOL PIPE ±2.0m 200Ø DR35 PVC SPOOL PIPE

RESTORE SURFACE IN ROAD R.O.W. AS PER CON STANDARDS AND UNTRAVELED AREAS TO EXISTING OR BETTER CONDITION

0.6m MIN ARMTEC 200 NON-WOVEN
1.0m MIN PAST EXISTING BARREL EXISTING CONCRETE MANHOLE

FILL BARREL WITH DRAIN ROCK
CAP EXISTING SEWER WITH CONCRETE
ALTERNATE CONCRETE PLUG OPTION
LONG RADIUS BEND

SERVICE CROSSINGS EXIST
UTILITY CROSSING

EXIST 5440 WETDALE EXIST 5425 WETDALE SERVICE CROSSING
EXIST 5496 LESLIE EXIST 5500 LESLIE SSIC INVERT

44.86m - 250Ø PVC @ 4.2% ELEVATIONS

43.57 S
62.50 SW
60.52 N

\TENT\DATA\PROD\CAPITAL_PROJECTS\PROJECT_01505\2_DESIGN\DRAWINGS\IFT\1505 - WESTDALE SANITARY - IFT3.22.2018

Reference data 78H0000 HIGHLAND & COSGROVE 1:250 1:50 WESTDALE ROAD EL: 80.000 SANITARY SEWER UPGRADE Sheet of 92H0000 COSGROVE & RDB 4 MAR 2018 RDB ISSUED FOR TENDER CL 3 JULY 2017 RDB 100% DESIGN REVIEW CL 22476 Approved by Date 5220.01.C1505 T H E H A R B O U R C I T Y SEAL
LOCATE CROSSING WATERMAIN PRIOR TO CONSTRUCTION AND REPORT ANY CONFLICT TO THE ENGINEER.

CAP AND ABANDON EXISTING MANHOLE IN PLACE (TYP); SEE DETAIL SHEET 3.

LOCATE EXISTING SANITARY. INSTALL NEW 1050Ø SSMH AND CONNECT TO EXISTING 200Ø PVC MAIN.

REMOVE AND DISPOSE OF EXISTING MANHOLE. INSTALL NEW 1050Ø MH AS PER CON STD DWG S-2 (TYP) AND CONNECT TO EXISTING SANITARY MAINS.

SANITARY SERVICED FROM REAR EASEMENT.

SANITARY SERVICED FROM OCEANVIEW TERR.

SANITARY SERVICED FROM SIDE EASEMENT.

±2.0m 200Ø DR 35 PVC SPOOL PIPE
2 - 200Ø PVC COUPLER

CONCRETE INVERT PLUGS

ABANDON MANHOLE IN PLACE

REMOVE MANHOLE

NATIVE BACKFILL

DRAIN ROCK

SANITARY SERVICED FROM REAR EASEMENT.

SANITARY SERVICED FROM OCEANVIEW TERR.

SANITARY SERVICED FROM SIDE EASEMENT.

±2.0m 200Ø DR 35 PVC SPOOL PIPE
1 - 200Ø PVC COUPLER

ABANDON MANHOLE IN PLACE

REMOVE MANHOLE

NATIVE BACKFILL

DRAIN ROCK