KING JOHN WAY WATERMAIN REPLACEMENT
AND DECOMMISSION OF CONNECTION TO SCARLET HILL ROAD

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. ALL OR ANY STRUCTURES NOT NECESSARILY SHOWN.
3. COORDINATES AND ELEVATIONS TAKE PLACE WITH COMBINED SCALE FACTOR OF 1/0.99965 AND ARE GROUND LEVEL (UTM NAD 83). 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. TRAVELLED 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.

WATERMAIN NOTES:
1. MINIMUM COVER OVER WATERMAIN TO BE 1.20 METERS.
2. EXISTING PIPE TO BE ABANDONED IN PLACE ONCE NEW WATERMAIN IS IN PLACE AND CONFIRMED VIA MANHOLE INSPECTION.
3. ALL WATERMAIN JOINTS MODIFIED LATE HORIZONAL OR 1.5° VERTICAL OF SURFACE OR STORAGE POINTS MUST BE PROTECTED BY SHAVI HAMPTON OR PETROLEUM TARP.
4. WATERMAIN ACRYLIC PRESSURE 3200 PSI AND MAXIMUM TEST PRESSURE IS 1200 PSI (1500 PSIG). PRESSURE TESTS, CALIBRATION AND BACTERIOLOGICAL TESTING TO CITY OF NANAIMO STANDARDS SPECIFICATIONS.
5. MAXIMUM JOINT DEFLECTION TO BE 1°.
SECTION A THIS DWG

KING JOHN WAY

INSTALL ROUND STOCK

2 1 2" OD GALVANIZED STEEL FENCE POST (TYPICAL ALL POSTS)

SIGN AND BASE AS PER CON STD R-S2, MATCH EXISTING 1 POST TO BE A TERMINAL/GATE POST c/w TRAIL ACCESS SIGN (SIGN SUPPLIED AND INSTALLED BY CITY OF NANAIMO)

ASPHALT ELEVATION (SIGN SUPPLIED AND INSTALLED BY CITY OF NANAIMO)

INSTALLED BY CITY OF NANAIMO)

77.04
1.2m

1.2m

FG ELEV: 78.04
AB CLASSIC ALLEN BLOCK WALL

ADJUST MANHOLE FRAME

NOTE:

FOR ADDITION WALL TO SUIT NEW ASPHALT CONSTRUCTION OF ALLEN BLOCK WALL EXIST GROUND TO CONFORM TO MANUFACTURER'S CONSTRUCTION PROCEDURES

EXTEND EXCAVATION. INSTALL COMPACTED WALL ROCK

TO REMAIN

REMOVE ROCK RETAINING WALL & VEGETATION AS REQ'D TO INSTALL PVC WALL DRAIN.

CONNECT TO 2% WATERMAINTRENCH DRAIN

REMOVE TREE

NOTE:

MATCH EXISTING ASPHALT FOR RETAINING WALL ALONG EXISTING CONCRETE CURB

THE ALLEN BLOCK WALL PERFORATED DRAIN, SEE SECTION A THIS DWG

EXIST CONC CURB

TO BE AT SAME ELEVATION AS EXISTING ASPHALT AT ASPHALT PATH 100mm COMPACTED GRANULAR CRUSHED BASE

TO BE BELOW WALL DRAIN 50mm ASPHALT ON 100Ø PVC RAINWATER LEAD, DRAIN TO DAYLIGHT

EXIST ROCK RETAINING WALL

100Ø "BIG-O" RAINWATER LEAD INSTALL NEW FENCE POST TO MATCH EXISTING

CONNECT 100Ø PVC TO EXISTING

INSTALL NEW FENCE POSTS (2.4m-8ft MAX SPACING), SEE FENCE POST DETAIL THIS DWG

INSTALL NEW GATE POST AND FRAME AND COVER TO SUIT NEW ASPHALT.

MATCH EXISTING ASPHALT IN-WAY-OF ALLEN BLOCK WALL INSTALL NEW CHAIN LINK FENCE TO MATCH EXISTING -

MODIFY 1 GATE PANEL TO SUIT, SEE FENCE POST DETAIL, THIS DWG

INSTALL ROUND STOCK CONCRETE POST BASE, TOP OF CONCRETE 300Ø SONOTUBE x 450mm DEEP.

NOTE:

1. STATIONING IS ALONG WATERMAIN.

2. WATERMAIN AND TRENCH DRAIN FOR WALL AND WALKWAY DETAILS, SEE WALKWAY SECTIONS 1:50 SCALE

NOTE:

3. FOR GENERAL NOTES, SEE DWG 22764.

PLAN OF WALKWAY FROM SMUGGLERS HILL TO KING JOHN

SMUGGLERS HILL DRIVE

WALKWAY SECTIONS

NOTE:

FOR GENERAL NOTES, SEE DWG 22764