

NOTE: CONSTRUCTION OF WATER, SEWER, AND STORM SERVICE FROM THE MAINS TO SITE BY CONTRACTOR TO CITY ENGINEERING SPECIFICATIONS INCLUDING SURFACE RESTORATION

CITY OF COQUITLAM IS TO OPEN SANITARY FLAP AND CLOSE STORM FLAP WHEN THE WATER PARK IS ACTIVATED AT START OF WATER PARK OPERATING SEASON (GENERALLY IN MAY). UPON DEACTIVATION AT THE CLOSE OF THE WATER PARK OPERATING SEASON (GENERALLY IN SEPTEMBER), THE CITY OF COQUITLAM IS TO CLOSE THE SANITARY FLAP AND OPEN THE STORM FLAP

REPLACE OLD FORCE MAIN CONNECTION WITH THE NEW FORCE MAIN AT SAME INVERT ELEVATION

EXIST SAN MH. RIM=13.20 INV=9.50 NOT SURVEYED. VERIFY INVERT ELEVATION PRIOR TO CONSTRUCTION. NOTIFY ENGINEER OF ANY CONFLICTS.

EXIST SAN SERVICE TO BE REMOVED UP TO EXISTING MANHOLE (NOT SURVEYED) EXACT LOCATION TO BE CONFIRMED IN THE FIELD

REMOVE EXIST GAS SERVICE

EXIST GAS METER TO BE REMOVED

REMOVE EXIST SAN FM

REFER TO NEWLINE DWGS FOR TRENCH DRAIN & SKATE PARK INFO

REMOVE EXIST DMH WITH PUMP

CROSSING: EX GROUND ELEV = 11.75 PROP GROUND ELEV = 11.60 OBVERT OF WM (900mm) = 10.55 INVERT OF WM (900mm) = 9.65 OBVERT OF STM (150mm) = 10.85 INVERT OF STM (150mm) = 11.00 MIN 0.3m VERTICAL SEPARATION

CROSSING: EX GROUND ELEV = 11.50 PROP GROUND ELEV = 11.50 OBVERT OF WM (900mm) = 9.55 INVERT OF WM (900mm) = 9.55 OBVERT OF SAN (75mm) = 10.75 INVERT OF SAN (75mm) = 10.675 MIN 0.3m VERTICAL SEPARATION

CROSSING: PROP GROUND ELEV = 11.50 OBVERT OF STM (150mm) = 10.97 INVERT OF STM (150mm) = 10.82 OBVERT OF SAN (75mm) = 9.85 INVERT OF SAN (75mm) = 10.00 MIN 0.5m VERTICAL SEPARATION

PROP. SAN PUMP STATION FORCEMAIN INV = 8.90 REFER TO DWG C4 FOR DETAILS

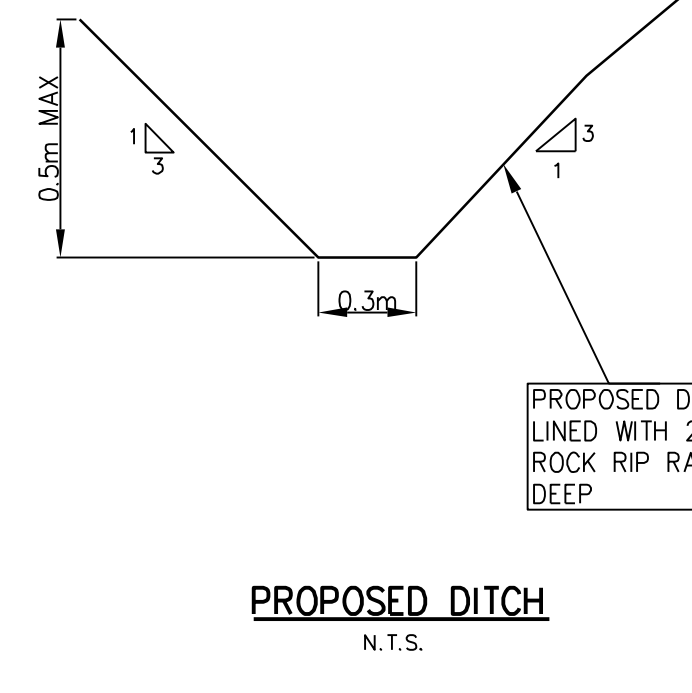
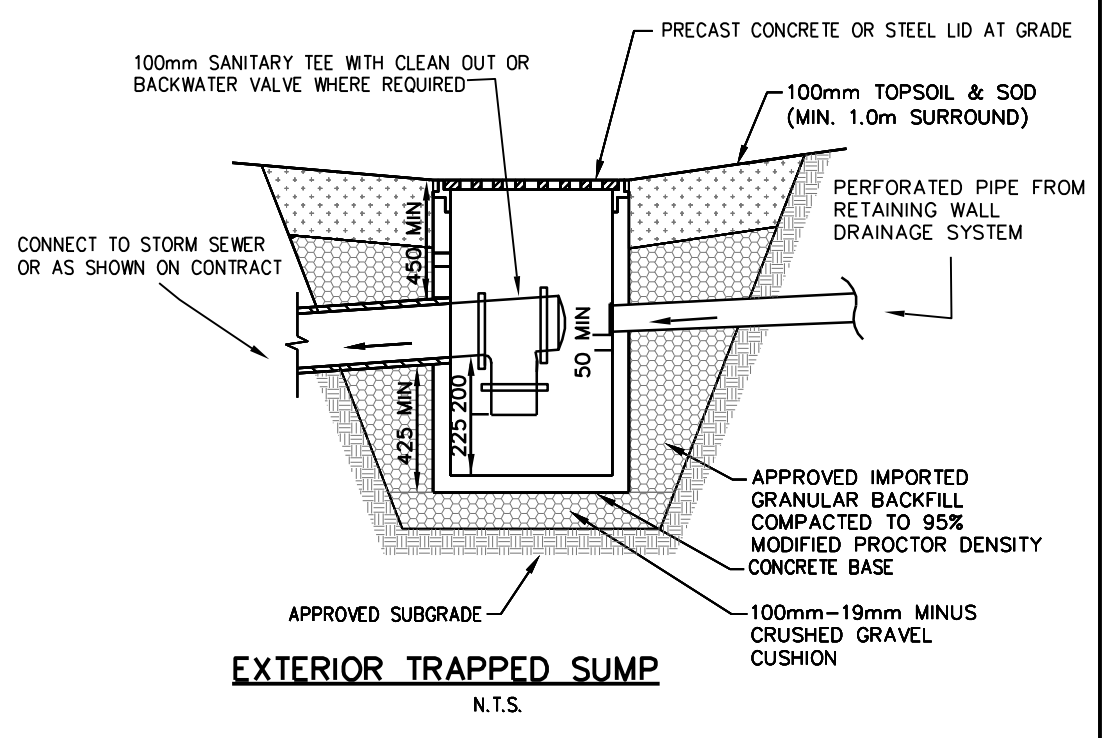
EXIST. STORM CB NOT SURVEYED

NOTE: BUILDING PLUMBING CONTRACTOR SHALL PERFORM FINAL TIE-INS FROM BUILDING

NOTE: CONTRACTOR SHALL CONSTRUCT THE SANITARY FORCEMAIN WITH THE INDICATED SLOPE. NO JUMPS IN THE VERTICAL UP OR DOWN WILL BE ALLOWED. THE FORCEMAIN MUST BE INSTALLED AT AN EVEN SLOPE/GRADE AS LISTED ON THE DRAWING

NOTE: WHEN CROSSING THE GVRD WATER MAIN, THE CONTRACTOR IS TO INSTALL THE SANITARY FORCEMAIN ABOVE THE GVRD MAIN, KEEPING A MINIMUM OF 300mm CLEARANCE. THE PIPE MAY NEED TO BE VERTICALLY DEFLECTED. IF THE DEFLECTION IS GREATER THAN ONE HALF OF THE MANUFACTURERS ALLOWED LIMIT, THEN APPROPRIATE BEND FITTINGS (NO MORE THAN 22.5°) ARE TO BE USED. ALSO, THE CONTRACTOR IS TO ENSURE THAT UNI-FLANGE SERIES 1560 RESTRAINT DEVICES FOR PVC PRESSURE FITTINGS ARE USED ON ALL BENDS OR DEFLECTED PIPES THAT ARE INSTALLED.

DEPTH	DIAMETER
4 FT. OR LESS	24"
> 4 FT. & 6 FT.	30"
6 FT. OR GREATER	36"



No.	Description	Date
16	AS CONSTRUCTED	MAY 31/13
15	REVISED STORM DESIGN	OCT 4/12
14	REVISED STORM DESIGN	SEP 19/12
13	REVISED STORM POND	AUG 13/12
12	REVISED STORM POND	JULY 30/12
11	REVISED BLDGS STM CONNECT	JULY 17/12
10	ISSUED AS PER COC COMMENTS	JUNE 26/12
9	REVISED FOR SERVING PERMIT	JUNE 11/12
8	ISSUED FOR CONSTRUCTION	JUNE 5/12
7	REVISED STORM & SANITARY	MAY 25/12
6	REVISED TO SHOW SANITARY LIMIT OF WORK	MAY 15/12
5	ISSUED FOR SERVING PERMIT	MAY 11/12
4	ISSUED FOR TENDER	APRIL 5/12
3	ISSUED FOR TENDER REVIEW	MAR 22/12

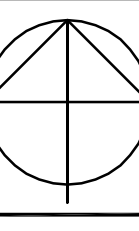
CONTRACTOR SHALL CHECK ALL DIMENSIONS ON THE WORK AND REPORT ANY DISCREPANCY TO THE CONSULTANT BEFORE PROCEEDING. ALL DRAWINGS AND SPECIFICATIONS ARE THE EXCLUSIVE PROPERTY OF THE OWNER AND MUST BE RETURNED AT THE COMPLETION OF THE WORK.

PROJECT:
MACKIN PARK RENOVATION

LOCATION:
1046 BRUNETTE
COQUITLAM, BC

DRAWN	CG
CHECKED	-
APPROVED	CAD FILE
SCALE	DATE
1:250	JAN. 10, 2012

DRAWING TITLE
STORM & SANITARY SEWER



PROJECT NO.
11-430

DRAWING NO.
C2