













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Consultant

Notes

LEGEND

PROPOSED	
	NEW BUILDING
	NEW ASPHALT PARKING LOT
	NEW LANDSCAPE AREA
	NEW CONCRETE SIDEWALK
	NEW MANHOLE
	NEW CATCH BASIN
	NEW FENCE
	NEW SANITARY SERVICE
	NEW WATER SERVICE
	NEW SWALE
	DESIGNED GRADE
	EXISTING GRADE

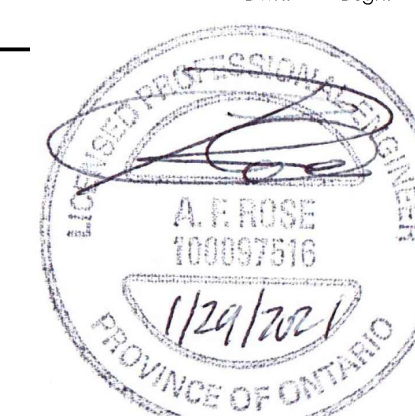
EXISTING FEATURES

	EXISTING CATCH BASIN
	EXISTING FIRE HYDRANT
	EXISTING WATER MAIN
	EXISTING HYDRO POLE
	EXISTING STORM WATER SERVICE
	EXISTING SANITARY SERVICE
	EXISTING WATER SERVICE
	EXISTING UNDERGROUND CABLE LINE

UPDATED FOR CONSTRUCTION	TR	AR	2021.01.29
ISSUED FOR CONSTRUCTION	TR	AR	2021.01.20
Issued	By	Appd	YYYY.MM.DD

File Name: 72065C_DD0011	TR	TR	LV	2020.09.30
	Dwn.	Dsn.	Chkd.	YYYY.MM.DD

Permit/Seal



Client/Project Logo

Client/Project
Hillside Construction

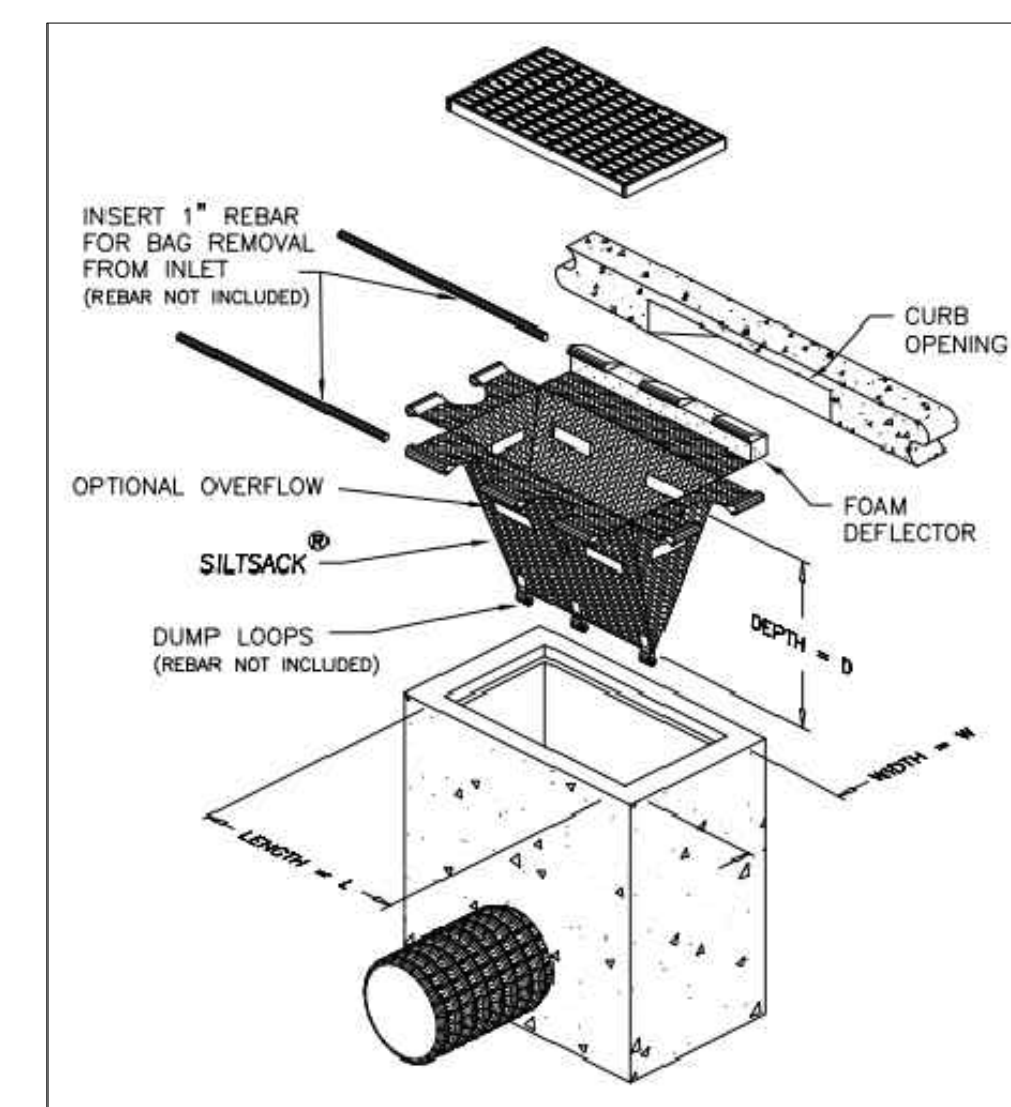
New 18-unit Apartment Building

814 Scott Street, Fort Frances ON

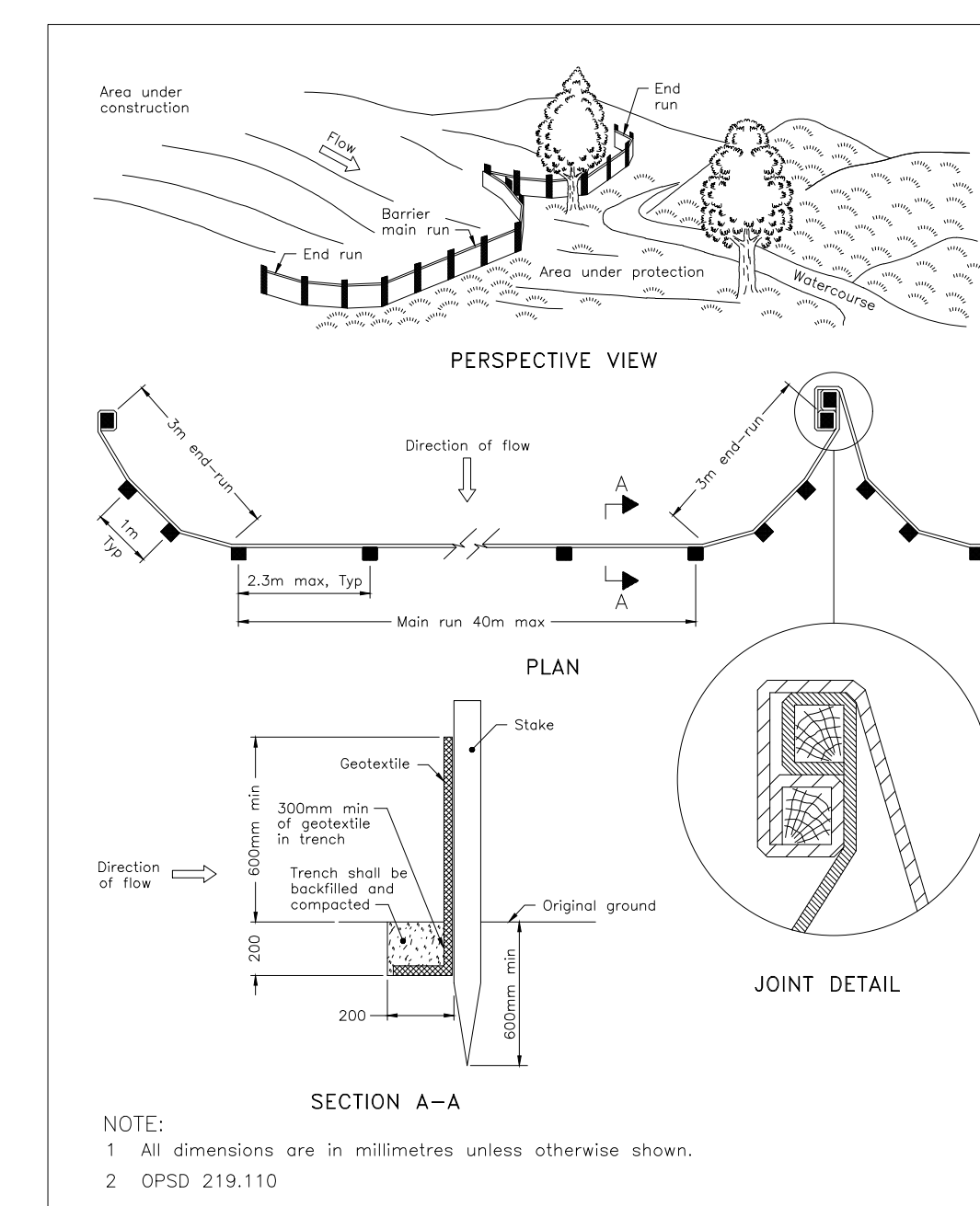
Title
SITE PLAN AND EROSION SEDIMENT
CONTROL PLAN

Project No.	Scale
129672065	

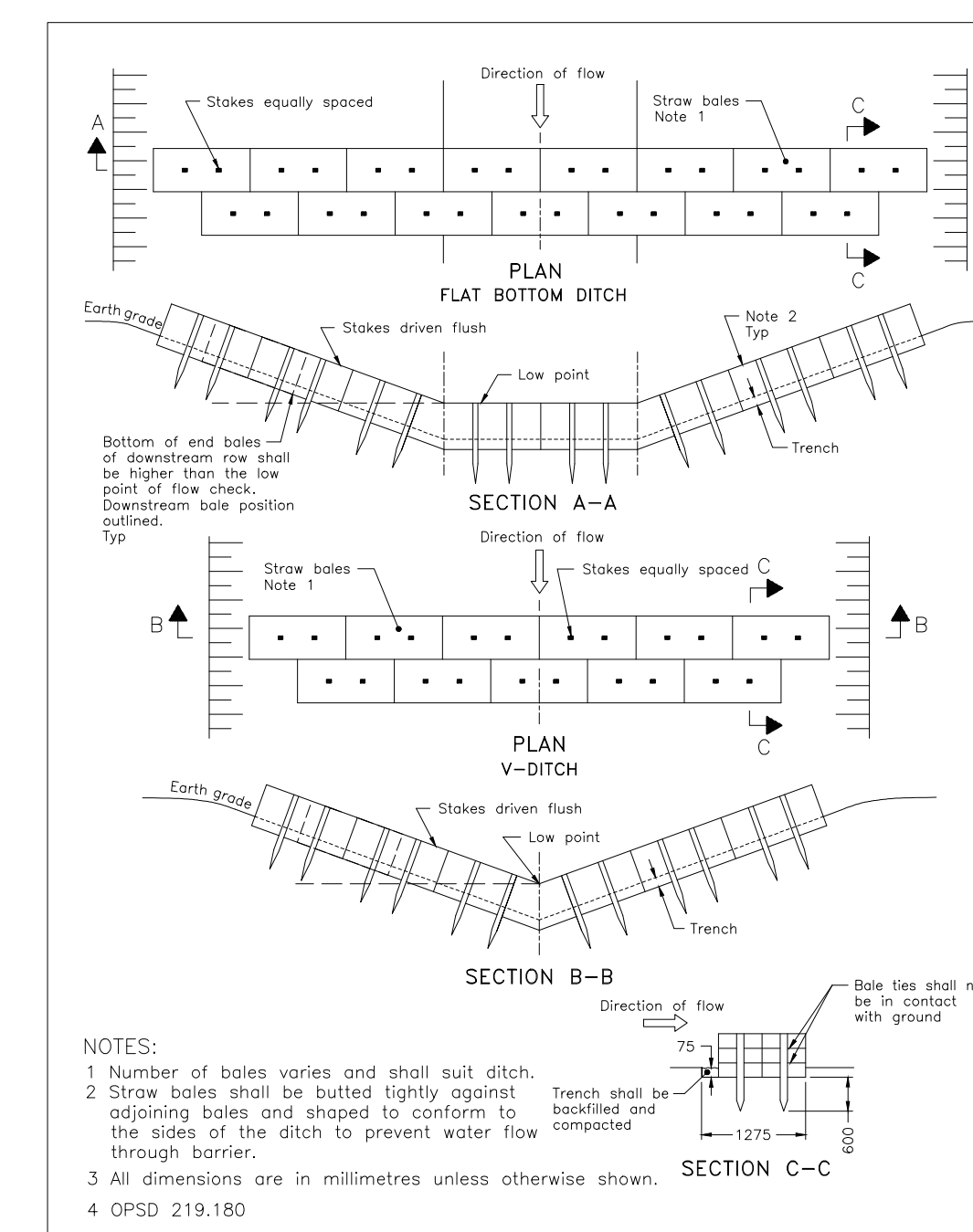
Revision	Sheet	Drawing No.
00	01 of 03	C 01



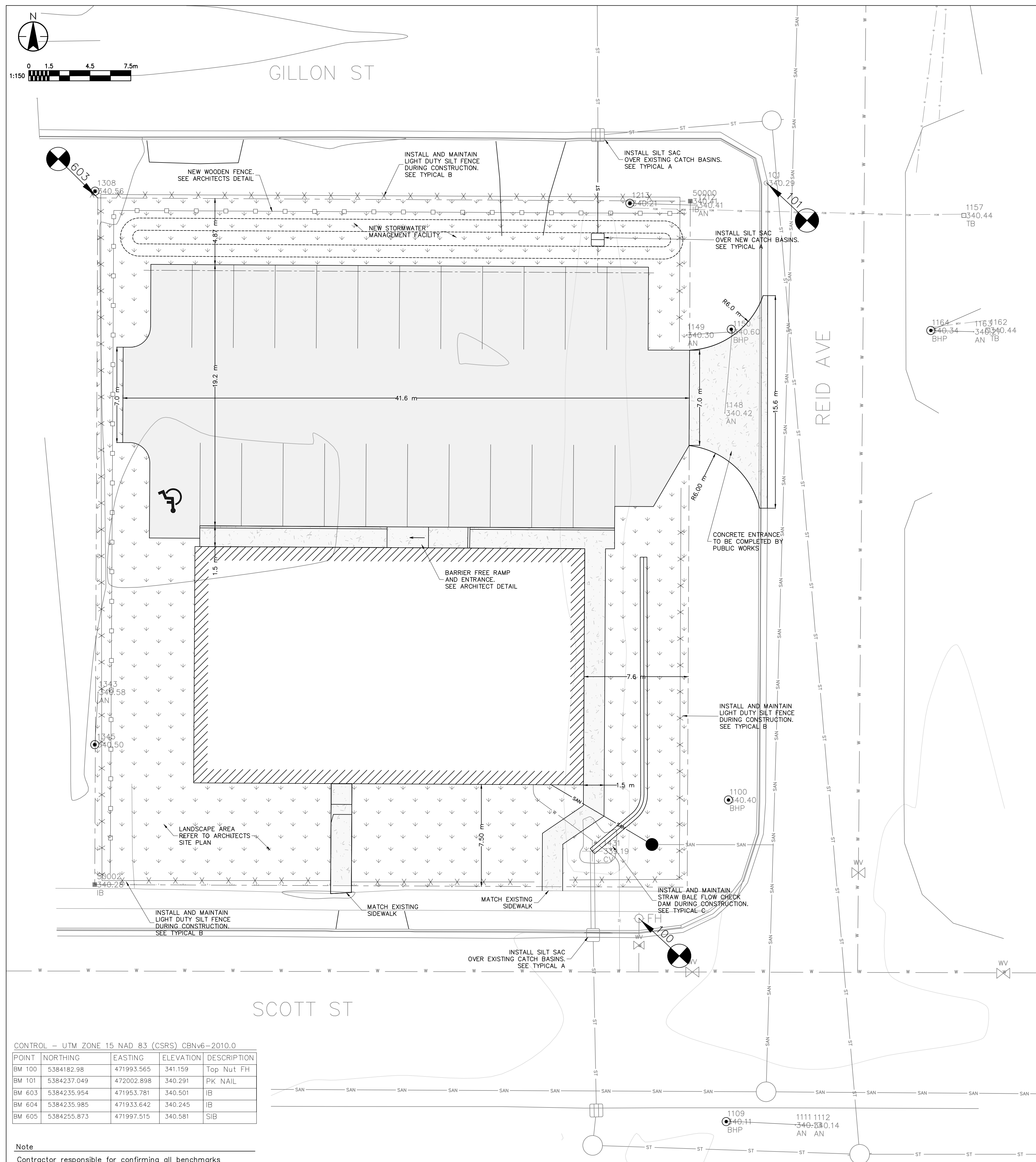
A CATCH BASIN SILT SACK
c.01 NTS



B LIGHT DUTY SILT FENCE
c.01 NTS



C STRAW BALE FLOW CHECK DAM
c.01 NTS

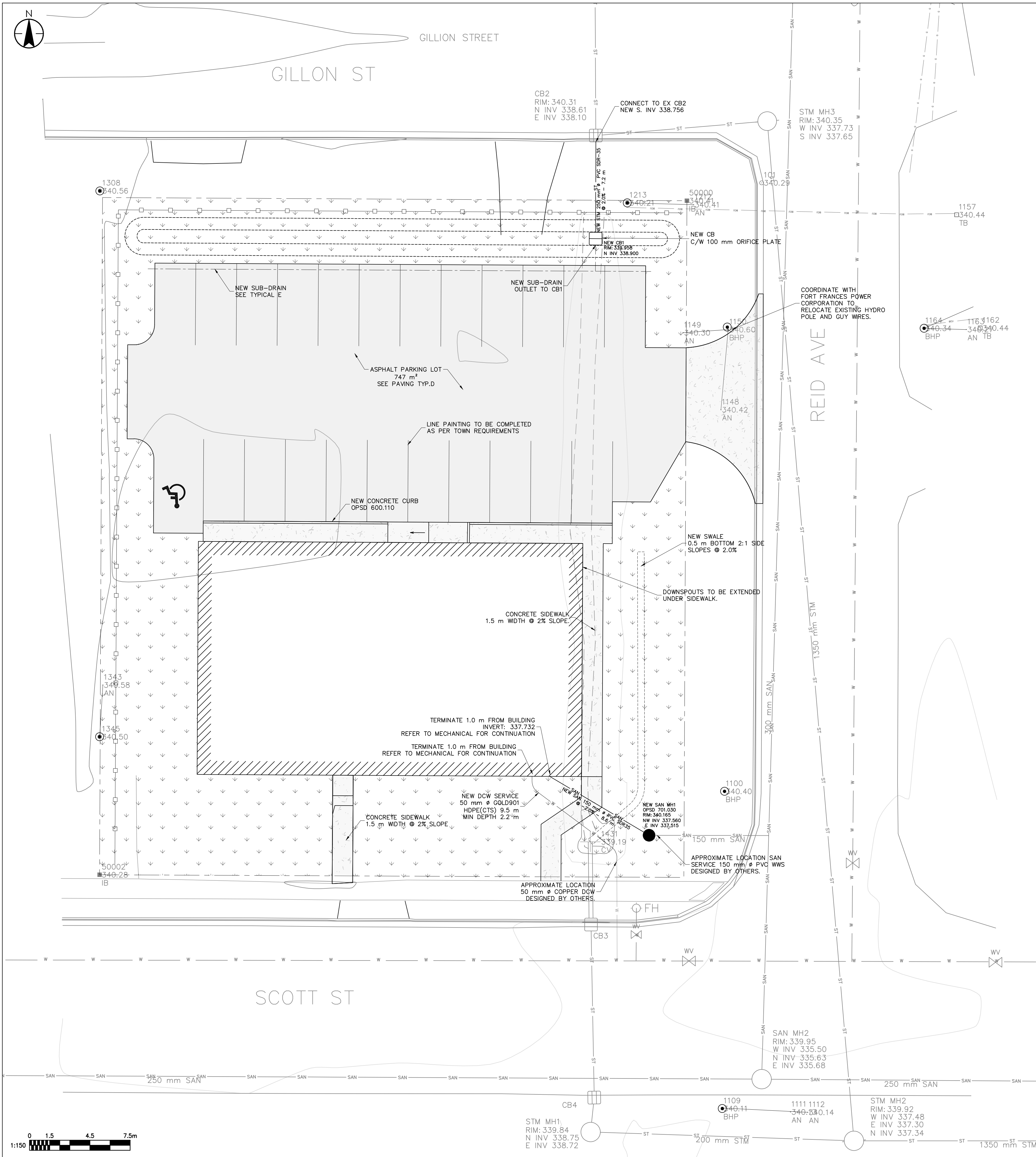


CONTROL - UTM ZONE 15 NAD 83 (CSRS) CBNv6-2010.0

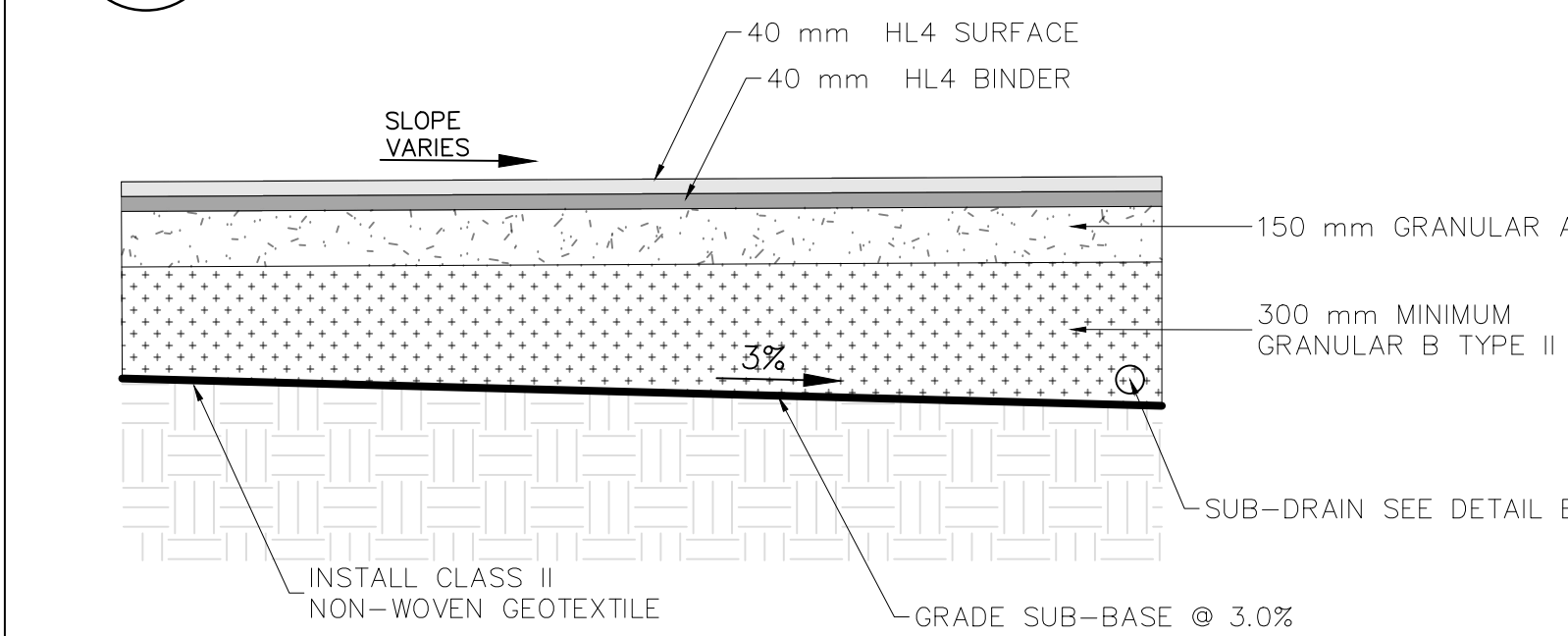
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
BM 100	5384182.98	471993.565	341.159	Top Nut FH
BM 101	5384237.049	472002.898	340.291	PK NAIL
BM 603	5384235.954	471953.781	340.501	IB
BM 604	5384235.985	471933.642	340.245	IB
BM 605	5384255.873	471997.515	340.581	SIB

Note

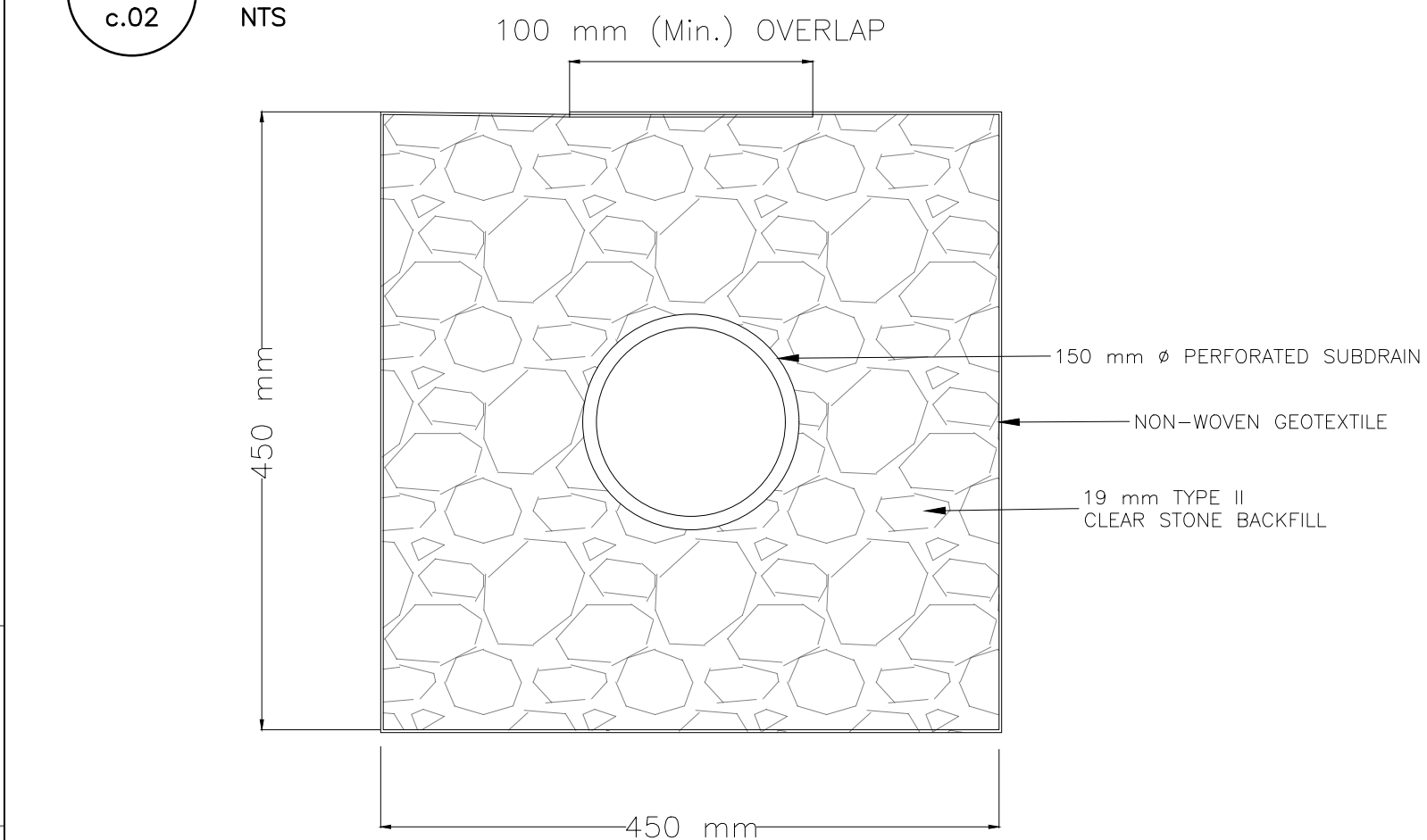
Contractor responsible for confirming all benchmarks prior to starting construction.



1. SITE PLAN PREPARED BY OTHERS.
2. CONTRACTOR TO REFER TO STANTEC'S GEOTECHNICAL REPORT FOR SUBSURFACE CONDITIONS.
3. CONTRACTOR TO REFER TO STANTEC'S ENVIRONMENTAL SITE INVESTIGATION REPORT FOR AREAS OF POTENTIAL ENVIRONMENTAL CONCERN.
4. CONTRACTOR TO SUBMIT SHOP DRAWINGS AND TESTING RESULTS TO CONFIRM CONFORMANCE TO OPSS SPECIFICATIONS AND CONTRACT DRAWINGS.
5. CONTRACTOR RESPONSIBLE FOR UNDERGROUND UTILITY LOCATES.
6. MANAGEMENT OF EXCESS MATERIAL TO OPSS.MUNI 180
7. SITE GRADING TO OPSS.MUNI 206
8. CONCRETE SIDEWALKS TO OPSS.MUNI 351
9. CONCRETE CURB AND GUTTER SYSTEMS TO OPSS.MUNI 353
10. TRENCHING, BACKFILLING, AND COMPACTION TO OPSS.MUNI 401
11. EXCAVATING, BACKFILLING AND COMPACTING AROUND MAINTENANCE HOLES AND CATCH BASINS TO OPSS.MUNI 402
 - a. MAINTENANCE HOLES TO OPSD 701.030.
 - b. CATCH BASINS TO OPSD 705.010.
11. PIPE SUBDRAINS TO OPSS.MUNI 405
12. PIPE SEWER INSTALLATION TO OPSS.MUNI 410
13. HOT MIX ASPHALT TO OPSS.MUNI 310
14. WATERMAIN INSTALLATION TO OPSS.MUNI 411
 - a. 1.1. AT LEAST 2.2 m COVER SHALL BE PROVIDED FOR WATER SERVICE. IF COVER CANNOT BE ACHIEVED, INSULATE AS PER OPSD 1109.030.
15. DEWATERING EXCAVATIONS TO OPSS.MUNI 517
16. MATERIAL SPECIFICATION FOR BASE, SUBBASE, SELECT SUBGRADE, AND BACKFILL TO OPSS.MUNI 1010
 - a. ALL MATERIALS SHALL BE KEPT FROM FREEZING AND SHALL NOT CONTAIN ANY ORGANICS.
 - b. USE OF NATIVE MATERIAL FOR BACKFILL IS NOT PERMITTED.
 - c. GRANULAR MATERIAL:
 - i. GRANULAR A
 - ii. GRANULAR B TYPE I OR II
 - iii. BEDDING MATERIAL GRANULAR A OR GRANULAR B TYPE I OR II, WITH 100% PASSING THE 26.5 MM SIEVE.
16. EROSION AND SEDIMENT CONTROL PLAN.
 - a. THE CONTRACTOR WILL PRODUCE AN EROSION AND SEDIMENT CONTROL PLAN (THE "EROSION AND SEDIMENT CONTROL PLAN" OR THE "ESC PLAN") FOLLOWING THE GUIDANCE PROVIDED OPSS 805 AND IN ACCORDANCE WITH THE AUTHORITIES HAVING JURISDICTION. THE OBJECTIVE OF THE ESC PLAN IS TO MINIMIZE SEDIMENT INPUTS INTO WATERCOURSES BY REDUCING THE POTENTIAL FOR SEDIMENT, EROSION, AND RUNOFF FROM THE SITE. THE ESC PLAN SHALL INCLUDE DETAILED, SITE-SPECIFIC MEASURES BY WHICH THE CONTRACTOR WILL CONTROL SEDIMENT DURING CONSTRUCTION, INCLUDING THE PROPOSED LOCATIONS FOR EROSION CONTROL MEASURES SUCH AS SILT FENCES, THE LOCATIONS OF SOIL STOCKPILES, AND METHODS FOR EROSION CONTROL ON EXPOSED SOILS AND STOCKPILES. THE CONTRACTOR WILL ENSURE THAT THE ESC PLAN IS PREPARED BY A QUALIFIED PROFESSIONAL.















1. REMOVE ORGANIC MATERIALS AND THE CLAY FILL (IF ANY) BELOW THE FOOTPRINT OF THE PROPOSED PARKING AND ACCESS ROADS AREAS. CONSTRUCTION TRAFFIC SHOULD NOT BE PERMITTED ON THE SUBGRADE SOILS.
2. USE A FULLY-LOADED TANDEM TRUCK TO PROOF ROLL THE EXPOSED SUBGRADE AND IDENTIFY AREAS WITH LOW STRENGTH OR UNSUITABLE SOILS.
3. REMOVE UNSUITABLE SOFT SUBGRADE SOILS (SOFT SILT, TOPSOIL, ORGANICS, ETC.), IF ENCOUNTERED, AND REPLACE WITH OPSS GRANULAR B TYPE II SUB-BASE MATERIAL PLACED AND COMPACTED AS PER ONTARIO PROVINCIAL STANDARDS AND SPECIFICATION (OPSS 314.07.05.02).
4. INSTALL CLASS II NON-WOVEN GEOTEXTILE AS A SEPARATION LAYER BETWEEN THE SUBGRADE AND OVERLYING GRANULAR FILL.
5. PLACE AND COMPACT GRANULAR B TYPE II SUB-BASE MATERIAL TO THE DESIGN ELEVATION FOR THE UNDERSIDE OF THE GRANULAR A BASE COURSE. PLACE THE GRANULAR B TYPE II SUB-BASE IN LIFTS NOT EXCEEDING 300 MM IN THICKNESS AND COMPACT EACH LIFT TO 100% OF THE SPMD. PLACEMENT OF GRANULAR FILL SHOULD BE BY END DUMPING FROM THE EDGE OF THE EXCAVATION. THE GRANULAR FILL SHOULD BE PUSHED FORWARD AND LEVELED WITH A TRACK TYPE DOZER TO BUILD A THICKENED SECTION TO SUPPORT THE HAULING OPERATIONS AND AVOID DAMAGE TO THE GEOTEXTILE AND SUBGRADE SOILS.
6. PLACE AND COMPACT GRANULAR A BASE COURSE MATERIAL TO THE DESIGN ELEVATION IN ONE LIFT AND COMPACT TO 100% OF THE SPMD.
7. PLACE HOT MIX BINDER AND SURFACE ASPHALT AND COMPACT TO 95% MARSHALL DENSITY









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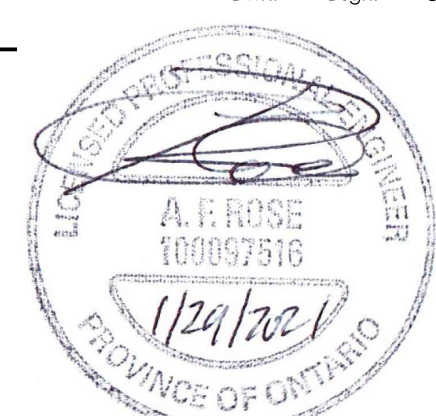
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File Name: 72065C_PD0011	TR	TR	LD	2020.09.30
	Dwn.	Dsgn.	Chk.	YYYY.MM.DD



Client/Project
Hillside Construction

New 18-unit Apartment Building

814 Scott Street, Fort Frances ON

Project No. 129672065		Scale
Revision 00	Sheet 02 of 03	Drawing No. C 02

C.02

