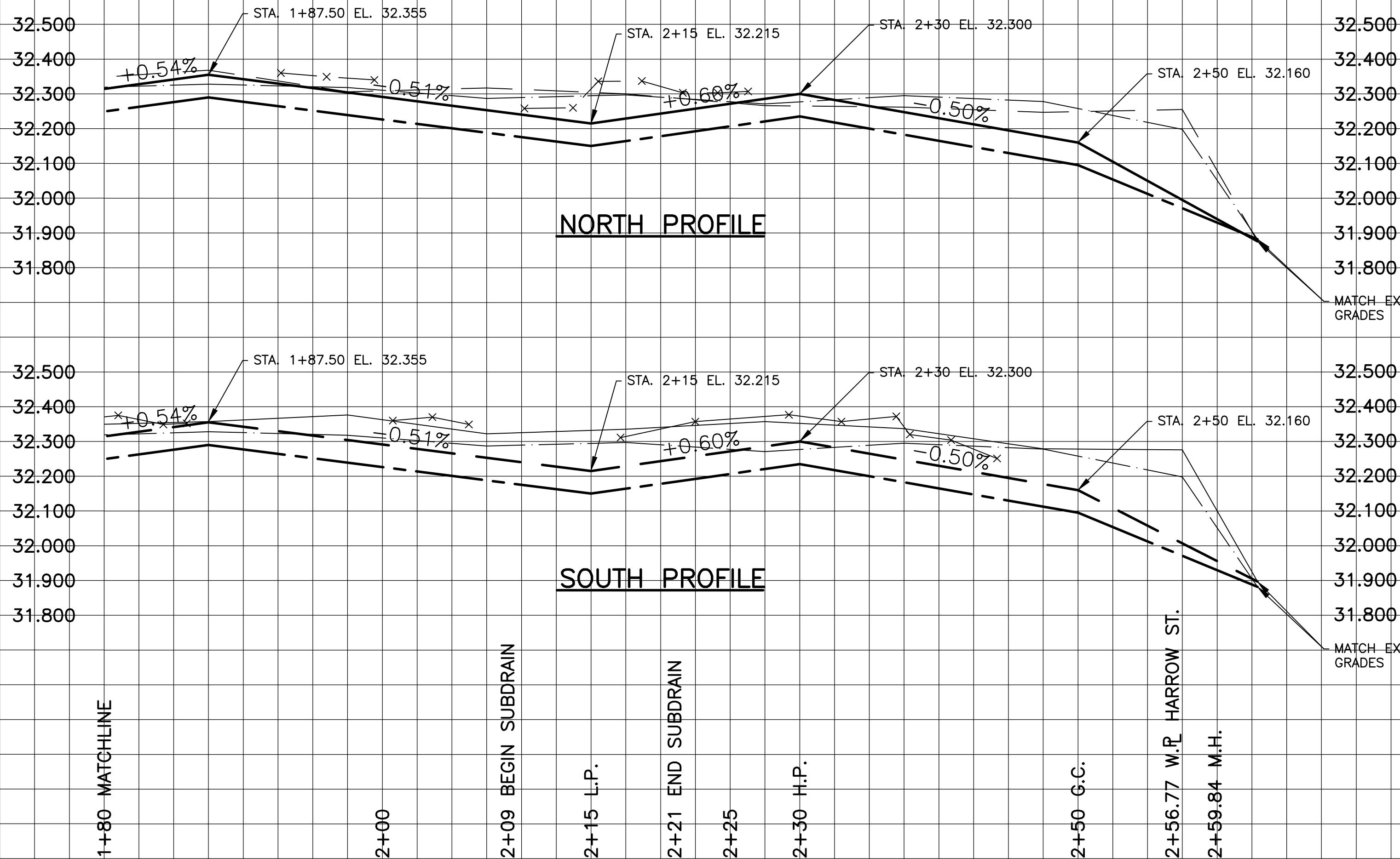
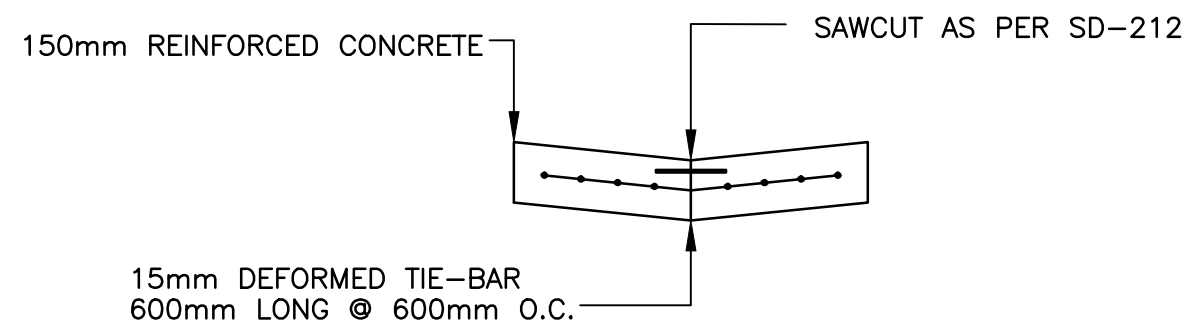


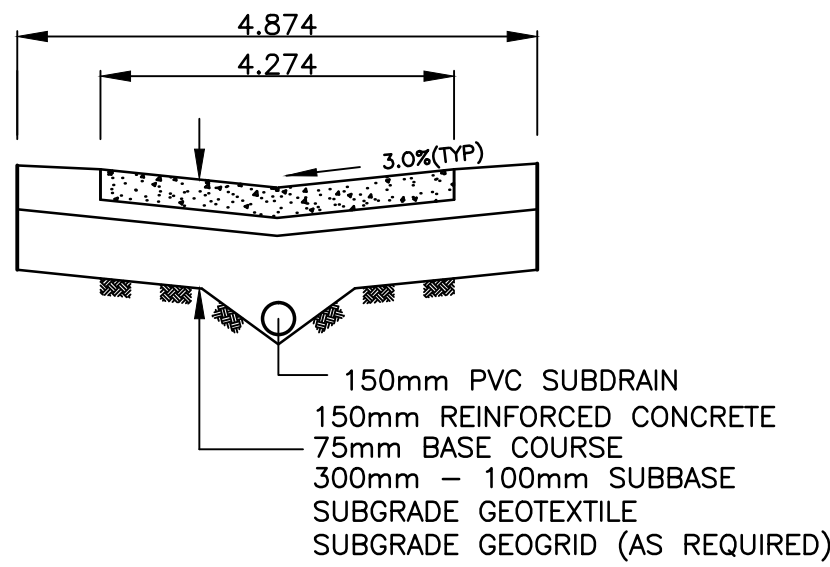


NOTES:

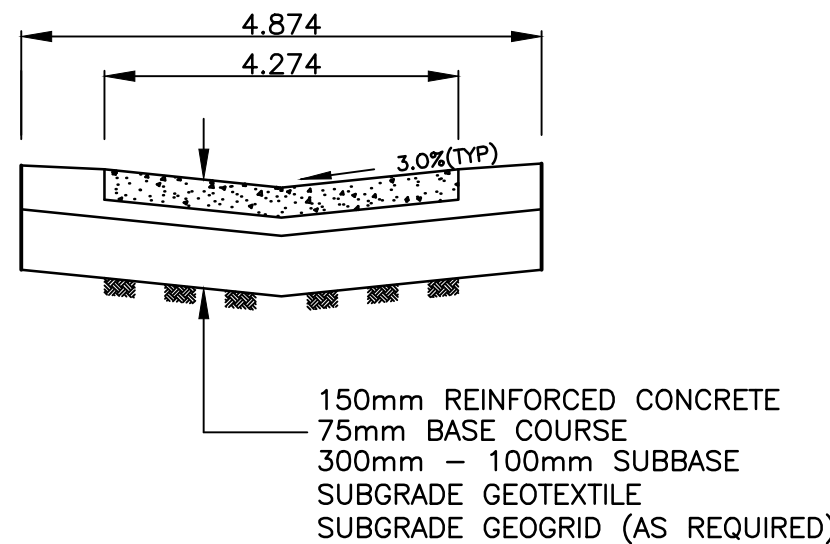
1. ISOLATE EXISTING HYDRO POLES AS DIRECTED BY CONTRACT ADMINISTRATOR
2. RENEW EXISTING APPROACHES AS DIRECTED BY CONTRACT ADMINISTRATOR
3. EXTEND SUBDRAINS AS DIRECTED BY CONTRACT ADMINISTRATOR
4. ADDITIONAL EXCAVATION AND INSTALLATION OF SUBGRADE GEOGRID TO BE DETERMINED BY CONTRACT ADMINISTRATOR



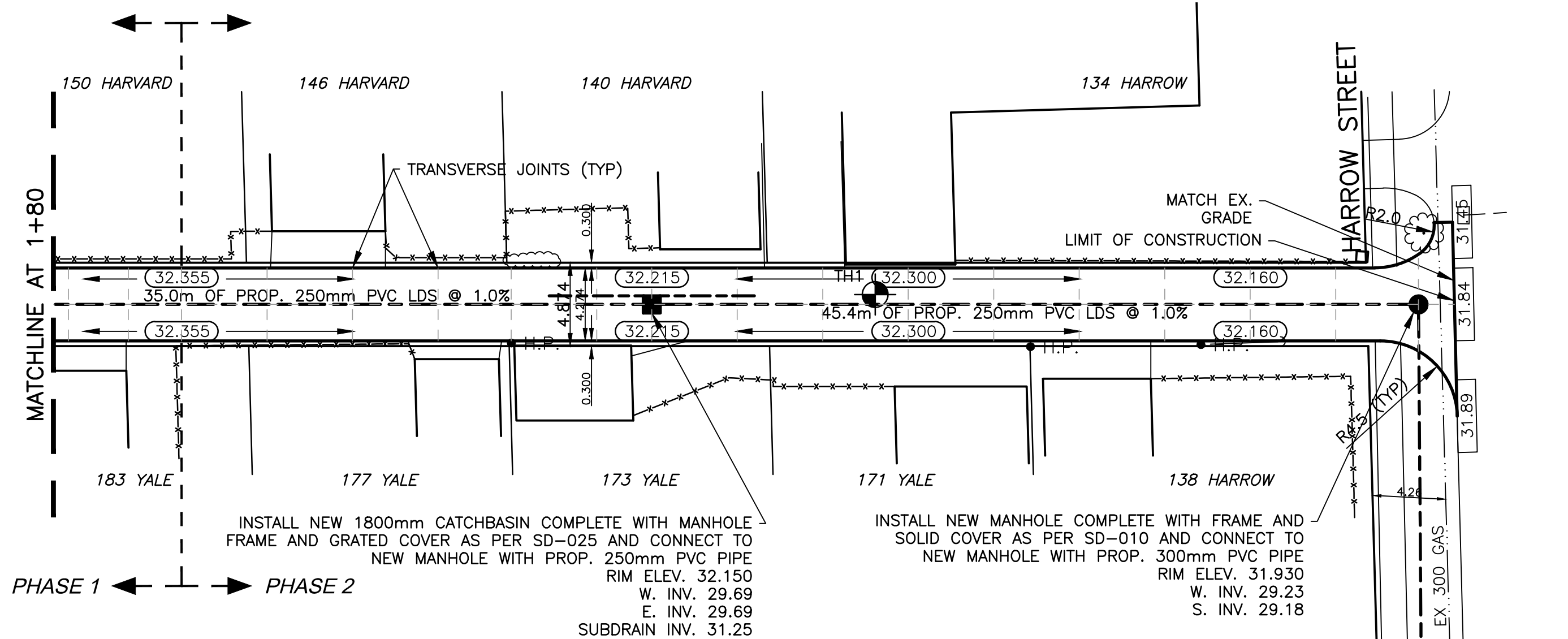
TYPICAL PAVEMENT CROSS SECTION
N.T.S.



TYPICAL ALLEY CROSS SECTION WITH SUBDRAIN
N.T.S.



TYPICAL ALLEY CROSS SECTION
N.T.S.



REFER TO DWG
09-151-08

INSTALL PVC SUBDRAIN BETWEEN
STA. 2+09 AND 2+21

BENCHMARK:
N.W. COR. GROSVENOR AVE. & STAFFORD ST., BRASS PLUG
IN 8.2m CONC. PILE, 0.5m W. OF W.L. STAFFORD ST. &
2.1m S. OF N.L. GROSVENOR AVE.

EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED
---	WATERMAIN	---	---	HYDRO	---	---	CENTER LINE	---
⊙	HYDRANT	⊙	---	M.T.S.	---	---	NORTH/WEST GUTTER	---
⊙	VALVE	⊙	---	CONCRETE	---	---	SOUTH/EAST GUTTER	---
---	LAND DRAINAGE SEWER	---	---	ASPHALT	---	---	WATERMAIN	---
---	WASTE WATER SEWER	---	---	PROPERTY LINE	---	---	VALVE	---
○	MANHOLE	○	---	SURVEY BAR	---	---	LAND DRAINAGE SEWER	---
□	CATCH BASIN	□	---	CURB STOP	---	---	WASTE WATER SEWER	---
△	CURB INLET	△	---	C.B. LEAD	---	---	TESTHOLE	---
---	TRAFFIC SIGNAL	---	---	SIDEWALK	---	---	ASPH./CONC. PAD	---
---	STEAM HT.	---	---	SIDEWALK RAMP	---	---	GARAGE PAD	---
---	GAS	---	---	ELEVATIONS	---	---		---
---		---	---		---	---		---

LOCATION APPROVED

SUPV. U/G STRUCTURES COMMITTEE DATE

NOTE:

LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

NO.	REVISIONS	DATE	BY
2	BID SUBMISSION	05/10	R.H.
1	APPROVAL SUBMISSION	04/10	R.H.

DESIGNED BY	R.H.	CHECKED BY	S.M.
DRAWN BY	R.H.	APPROVED BY	I.McK.
HOR. SCALE:	1:250	RELEASED FOR CONSTRUCTION	
VERT. SCALE:	1:10	DATE	
DATE	APRIL 2010		

ENGINEERS SEAL	CONSULTANT DRAWING NO.
I. G. MCKINNON	09-151-02

Winnipeg	THE CITY OF WINNIPEG PUBLIC WORKS DEPARTMENT	CITY DRAWING NO.
2010 ALLEY RENEWALS HARVARD / YALE ALLEY LANE PAVEMENT	FROM MATCHLINE AT STATION 1+80 TO HARROW STREET	SHEET 2 OF 2
		390-2010

