

SEE SHEET 169 FOR BEN-HUR ROAD EXTRA AREA
 SEE SHEET 167 FOR ST. CLAIR ROAD EXTRA AREA
 SEE SHEETS 117, 119, 181 FOR CATCH BASIN CROSS-OVERS
 SEE SHEET 197 FOR WATER WORK QUANTITIES
 SEE SHEET 60 FOR STORM CONNECTION QUANTITIES
 SEE SHEET 79 FOR ESTIMATED DRAINAGE QUANTITIES
 SEE SHEET 197 FOR UTILITY RELOCATIONS

** PIPE TO BE INSTALLED TO MAINTAIN POSITIVE DRAINAGE DURING PHASE I CONSTRUCTION. THIS PIPE SHALL BE REMOVED AND THE CATCH BASIN BULKHEADED DURING PHASE II CONSTRUCTION.

LEGEND

- W --- EX. WATER LINE
- SAN --- EX. SANITARY LINE
- G --- EX. GAS LINE
- S --- EX. STORM LINE
- T ---

BENCH MARK: ELEV. 193.519
 STA. 4+240.0, OFFSET 36.6 m LT.
 HYDRANT
 TOP STEM

(*) 707.41 NON-PERFORATED,
 ASTM D-3034 SDR 35,
 707.33 OR 707.42

UNDERDRAINS

REFERENCE NUMBER	STATION		SIDE	603		605		BENDS AND BRANCHES FOR INFORMATION ONLY
	FROM	TO		150 mm CONDUIT, TYPE F (*)	150 mm SHALLOW PIPE UNDERDRAIN WITH FABRIC WRAP	EACH		
	ELEV.	ELEV.					METER	
U1	4+201.5	4+215	L	3	14.6	1		
	191.105	190.975						
U2	4+215	4+219.6	L	3	16.4	1		
	190.975	191.37						
U3	4+229.9	4+232	L	3	11.1	1		
	191.305	190.87						
U4	4+232	4+239	L	3	3.7	1		
	190.87	190.940						
U5	4+239	4+280	L	3	38.8	1		
	190.940	190.785						
U6	4+281.5	4+300	L	3	18.5	1		
	190.775	190.69						
U7	4+200	4+203	R	3				
	191.115	191.085						
U8	4+204.5	4+215	R	3	13.7	1		
	191.045	190.890						
U9	4+215	4+217.7	R	3	6.4	1		
	190.890	191.050						
U10	4+225.4	4+228	R	3	21.7	1		
	191.24	190.90						
U11	4+228	4+239	R	3	9.5	1		
	190.90	191.965						
U12	4+239	4+280	R	3	38	1		
	190.965	190.785						
U13	4+281.5	4+300	R	3	18.5	1		
	190.775	190.69						
TOTALS CARRIED TO SHEET 79				33	210.9	10		

PLAN AND PROFILE SHEET
 STA. 4+200 TO STA. 4+300 S.R. 640
 LAK-640-3.444
 78
 214

