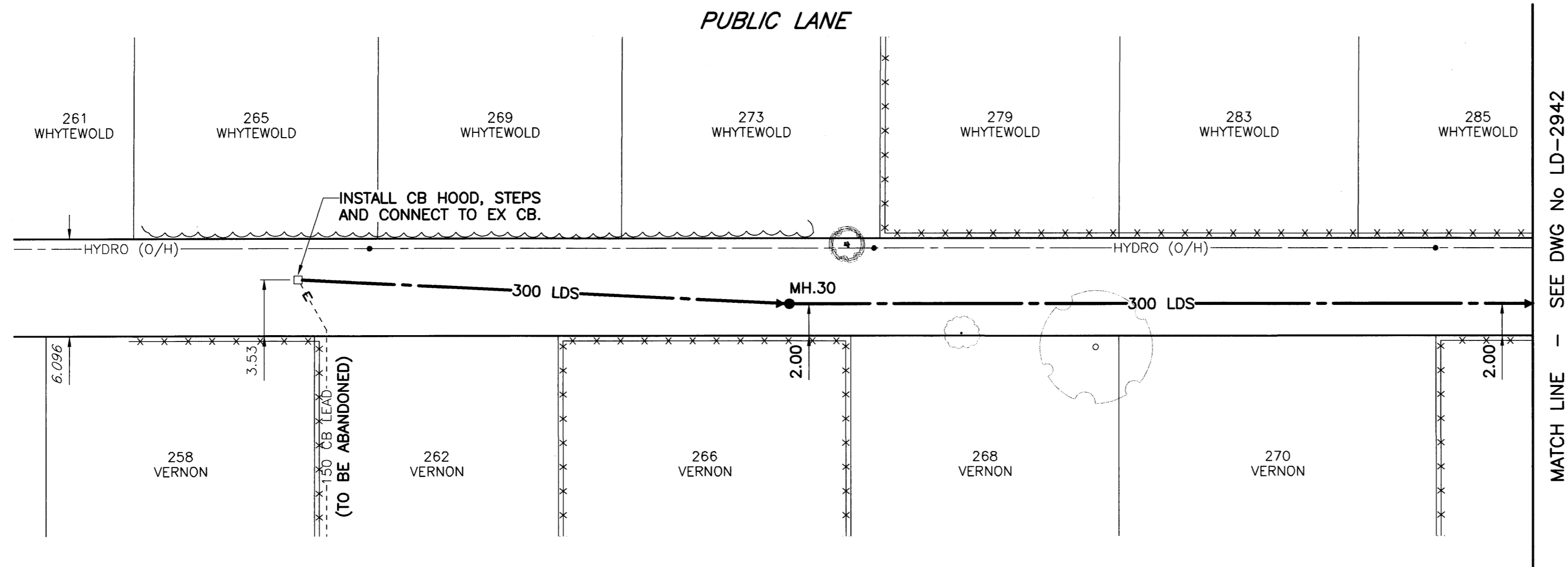
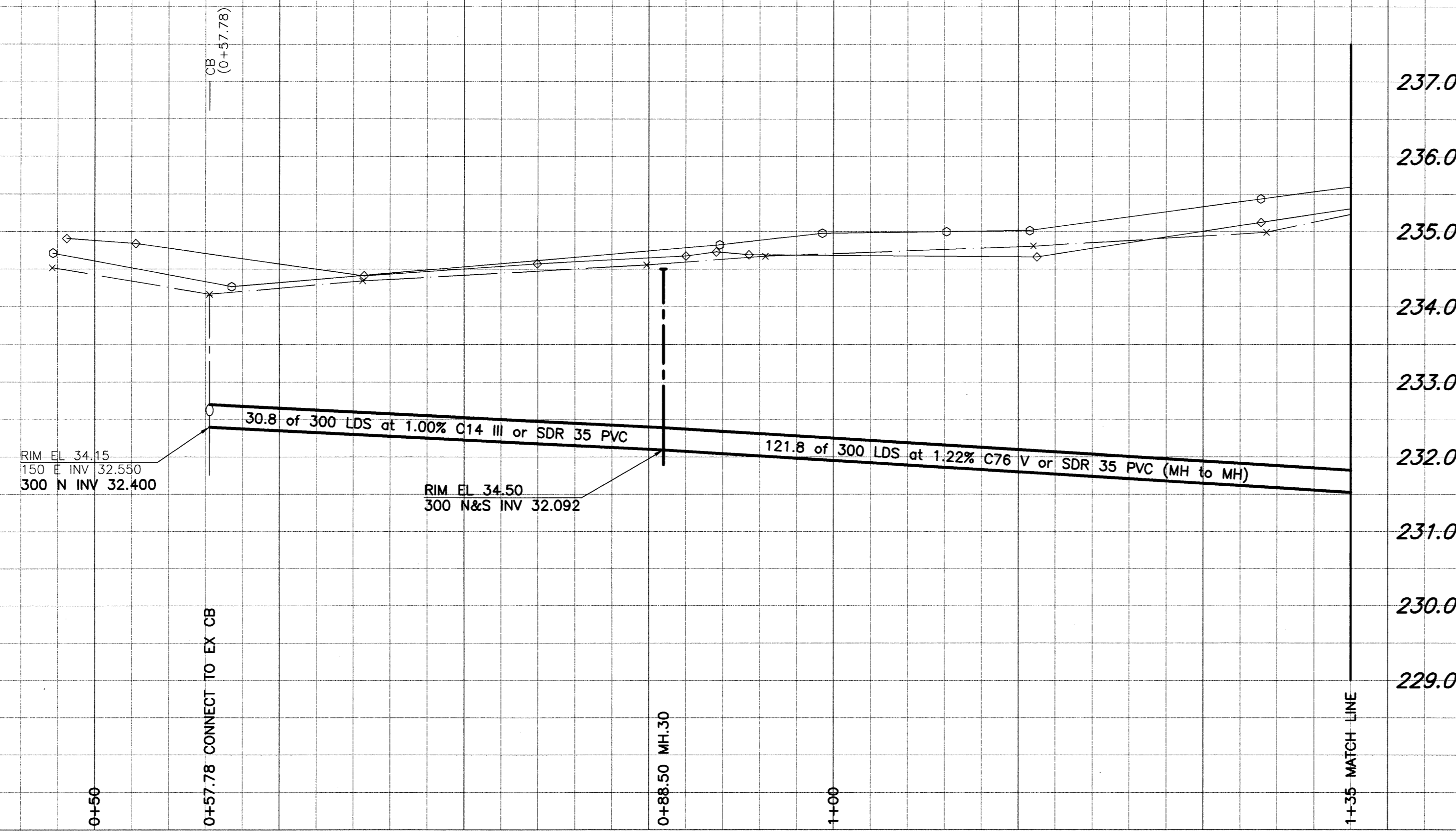


D SIZE 22" x 34" (558mm x 863mm)

EXISTING FEATURES
 237.0
 236.0
 235.0
 234.0
 233.0
 232.0
 231.0
 230.0
 229.0
 CHAINAGE ALONG S P



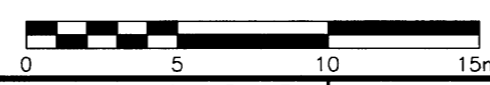
WARNING

IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT, THE CONTRACTOR MUST:
 1) NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
 2) TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.
 SEE PROVINCIAL REGULATION 140/92 FOR DETAILS.

CONSTRUCTION NOTES:

- For detailed test hole information, see specifications.
- The location of all services is to be confirmed in the field.
- Install new sewers and catchbasin leads by trenchless methods wherever possible.
- Renew/Rehabilitate catchbasins & renew catchbasin leads where noted.

Bid Opportunity No. 140-2004



METRIC
 WHOLE NUMBERS INDICATE MILLIMETRES
 DECIMALIZED NUMBERS INDICATE METRES

APGM
 Certificate of Authorization
 UMA Engineering Ltd.
 No. 256 Expiry: April 30, 2004

150 mm WM	WATERMAIN	150 mm WM	HYDRO	150 mm WM	WATERMAIN
Hydrant symbol	HYDRANT	Hydrant symbol	MTS	Hydrant symbol	HYDRANT
Valve symbol	VALVE	Valve symbol	Gas symbol	Valve symbol	VALVE
300 mm LDS	LAND DRAINAGE SEWER	300 mm LDS	CONCRETE	300 mm LDS	LAND DRAINAGE SEWER
250 mm WWS	WASTE WATER SEWER	250 mm WWS	ASPHALT	250 mm WWS	WASTE WATER SEWER
Manhole symbol	MANHOLE	Manhole symbol	Curb stop symbol	Manhole symbol	CURB STOP
Catch basin symbol	CATCH BASIN	Catch basin symbol	Reducer symbol	Catch basin symbol	REDUCER
Curb inlet symbol	CURB INLET	Curb inlet symbol	Coupling symbol	Curb inlet symbol	COUPLING
Culvert symbol	CULVERT	Culvert symbol	Anode symbol	Culvert symbol	ANODE
Survey bar symbol	SURVEY BAR	Survey bar symbol	WM monitoring station symbol	Survey bar symbol	WM MONITORING STATION
Pipe abandonment symbol	PIPE ABANDONMENTS	Pipe abandonment symbol	Existing symbol	Pipe abandonment symbol	EXISTING
Existing symbol	LEGEND - PLAN	Proposed symbol	Existing symbol	Proposed symbol	PROPOSED

Location symbol	LOCATION UNDERGROUND	Approved symbol	APPROVED STRUCTURES
Supr. U/G structures symbol	SUPR. U/G STRUCTURES	Date symbol	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.			

B.M. 39-016	S side Lodge Ave. @ Golden Gate Bay, Tbt. in N. Conc foundation of No. 350 Lodge Ave. (Silver Heights Collegiate), 7.6m W. & 0.3m A.S.L. of N.E. Cor. of Collegiate (most Ely. entrance to Collegiate).
ELEV. 237.524m	
NO.	REVISIONS
DATE	BY

UMA UMA Engineering Ltd.	
• Consulting • Engineering • Construction • Management Services	
DESIGNED BY: FMI	CHECKED BY: CCW
DRAWN BY: ADL	APPROVED BY: <i>[Signature]</i>
HOR. SCALE: 1:250	RELEASED FOR CONSTRUCTION: <i>[Signature]</i>
VERTICAL: 1:50	DATE: 04/04/04

ENGINEER'S SEAL
 PROVINCE OF MANITOBA
 C.C. MACEY
 REGISTERED ENGINEER
 CONSULTANT DRAWING NO. 16
 D265-096-03

THE CITY OF WINNIPEG
 Winnipeg WATER AND WASTE DEPARTMENT

STRATHMILLAN/MOORGATE COMBINED SEWER RELIEF CONTRACT 5

PUBLIC LANE W of VERNON ROAD.
 160m S of LODGE AVE.
 to 65m S of LODGE AVE.

SHEET 16 OF 20
 CITY DRAWING NUMBER LD-2941
 REV

PLOT SCALE: 1:0.25
 UMA FILE NAME: LAND1PR_R-DWG 2004-04-07 2:51pm ADL