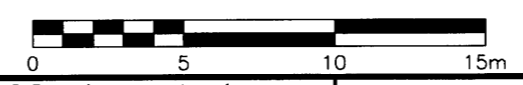
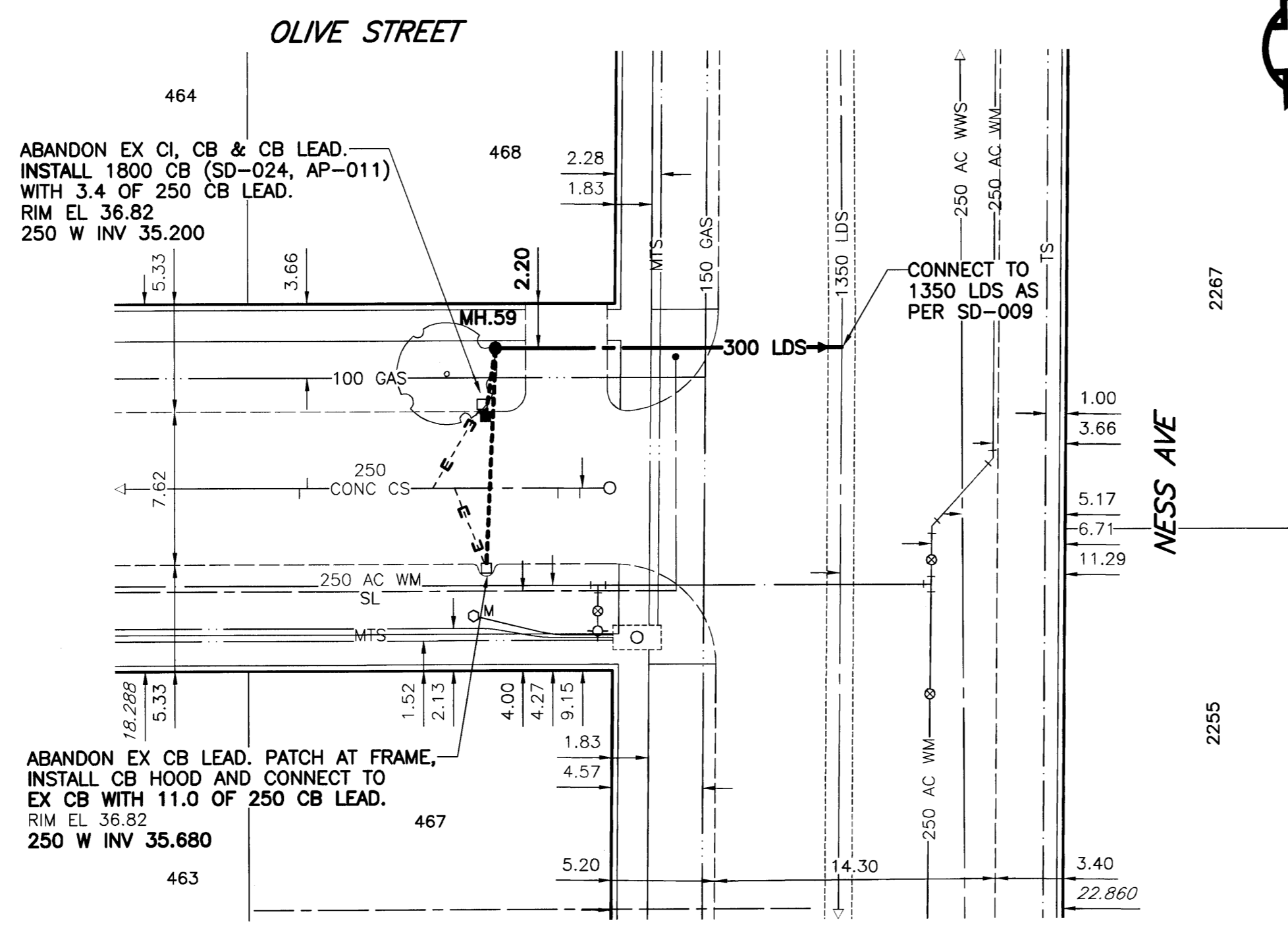
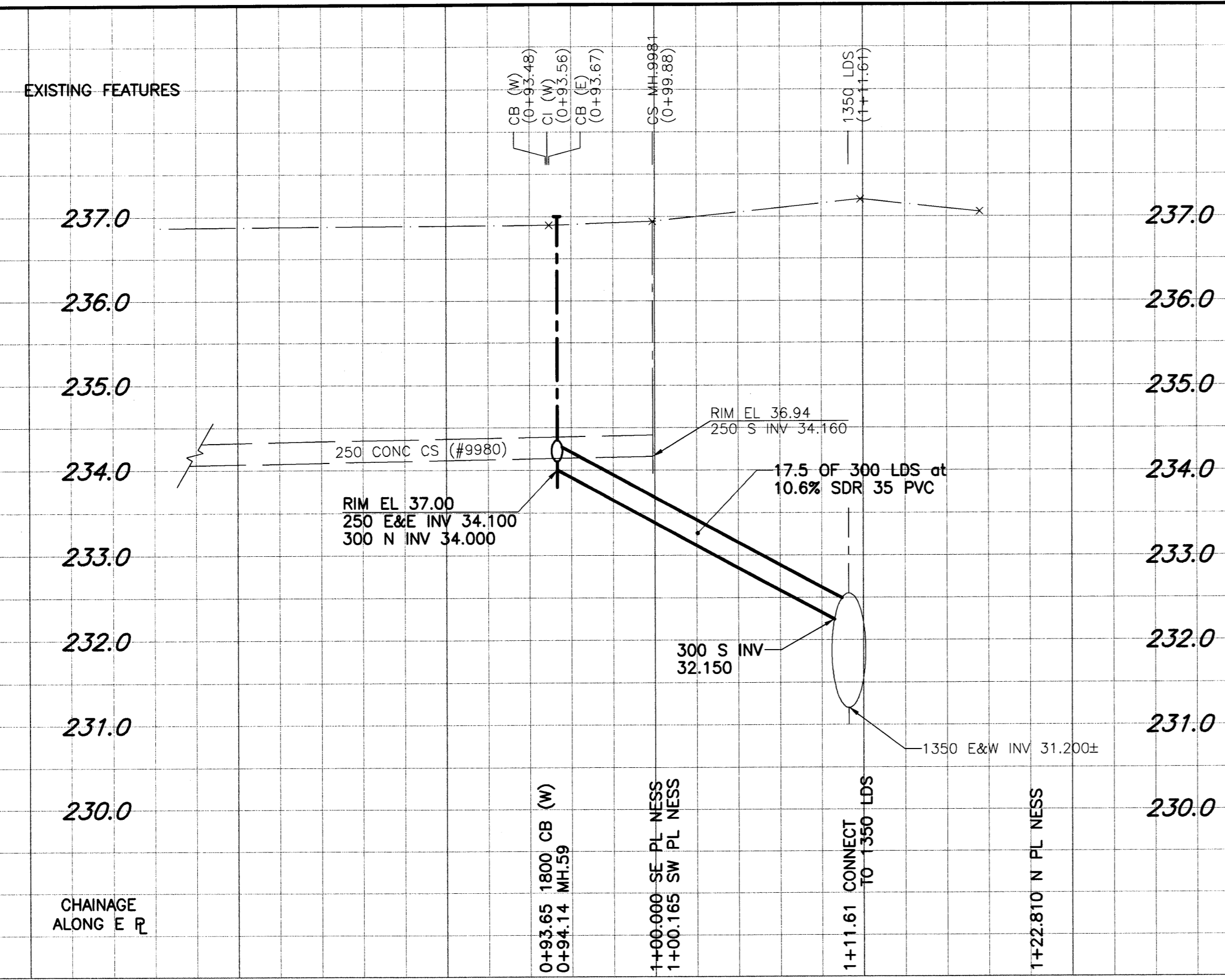


D SIZE 22" x 34" (558mm x 863mm)

PLOT SCALE: 1:0.25
UMA FILE NAME: 0101PR_R--DWG 2004-04-07 3:15pm ADL



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.

150 mm WM	WATERMAIN	150 mm WM	HYDRO	150 mm WM	WATERMAIN
⊕	HYDRANT	⊕	MTS	⊕	HYDRANT
⊕	VALVE	⊕	GAS	⊕	VALVE
⊕	LAND DRAINAGE SEWER	⊕	CONCRETE	⊕	LAND DRAINAGE SEWER
⊕	WASTE WATER SEWER	⊕	ASPHALT	⊕	WASTE WATER SEWER
⊕	MANHOLE	⊕	CURB STOP	⊕	PROFILE
⊕	CATCH BASIN	⊕	REDUCER	⊕	NORTH/WEST
⊕	CURB INLET	⊕	COUPLING	⊕	SOUTH/EAST
⊕	CULVERT	⊕	ANODE	⊕	LAMP STANDARD
⊕	SURVEY BAR	⊕	WM MONITORING STATION	⊕	TREE
⊕	PIPE ABANDONMENTS	⊕			
⊕	EXISTING	⊕	EXISTING	⊕	EXISTING
⊕	LEGEND - PLAN	⊕	LEGEND - PLAN	⊕	LEGEND - PROFILE
⊕	PROPOSED	⊕	PROPOSED	⊕	PROPOSED

LOCATION APPROVED UNDERGROUND STRUCTURES

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.

DESIGNED BY	FMI	CHECKED BY	CC
DRAWN BY	ADL	APPROVED BY	[Signature]
HOR. SCALE:	1:250	RELEASED FOR CONSTRUCTION	[Signature]
VERTICAL:	1:50	DATE	02/12/08
DATE	01/02/08		

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

UMA Engineering Ltd.
• Consulting • Engineering • Construction • Management Services

ENGINEER'S SEAL
PROVINCE OF MANITOBA
C.C. MACEY
REGISTERED ENGINEER

CONSULTANT DRAWING NO. 20
D265-096-03

THE CITY OF WINNIPEG
Winnipeg WATER AND WASTE DEPARTMENT

STRATHMILLAN/MOORGATE COMBINED SEWER RELIEF CONTRACT 5

OLIVE STREET
25m S of NESS AVE.
to NESS AVE.

SHEET 20 OF 20
CITY DRAWING NUMBER LD-2945
REV

Bid Opportunity No. 140-2004