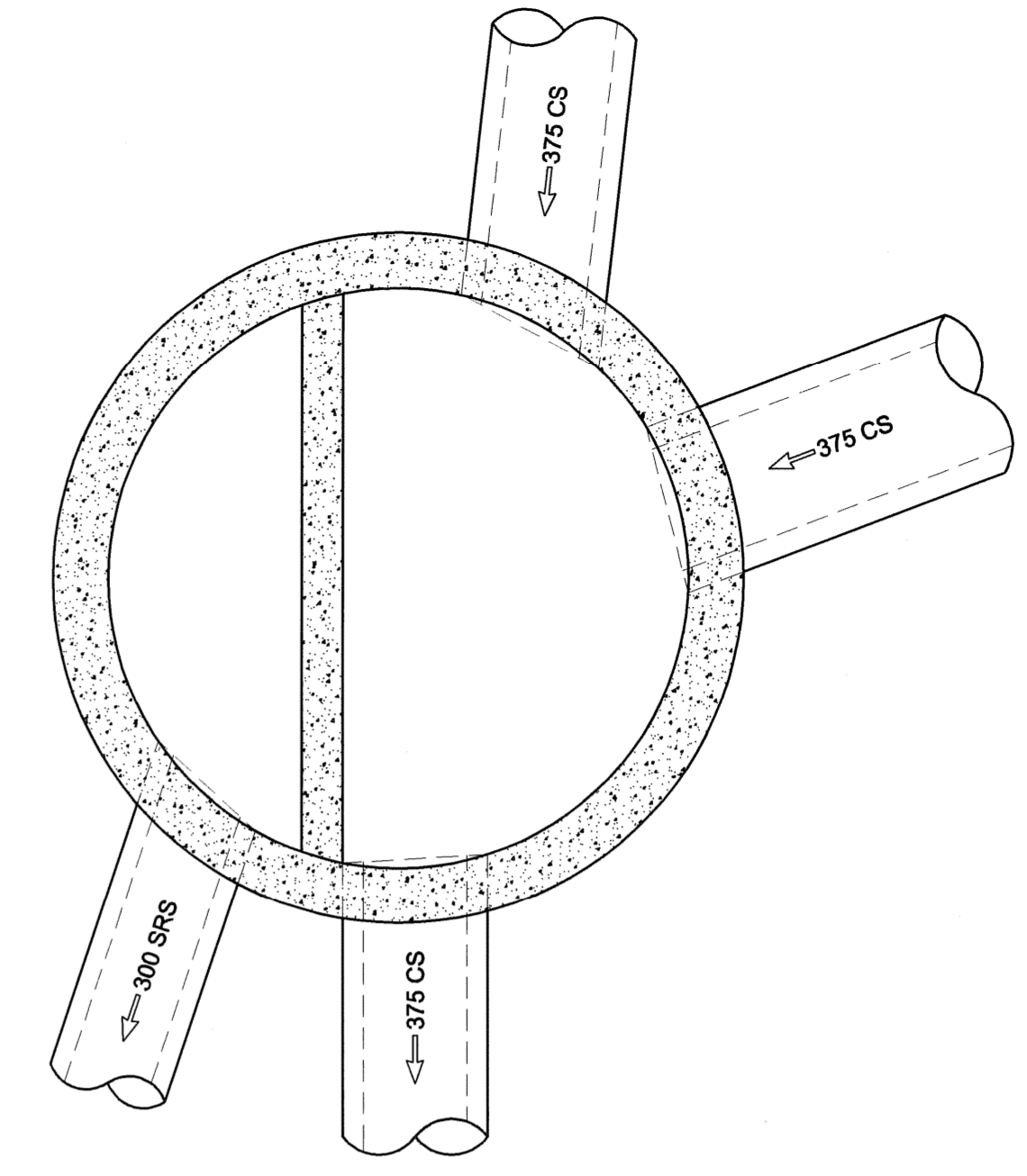
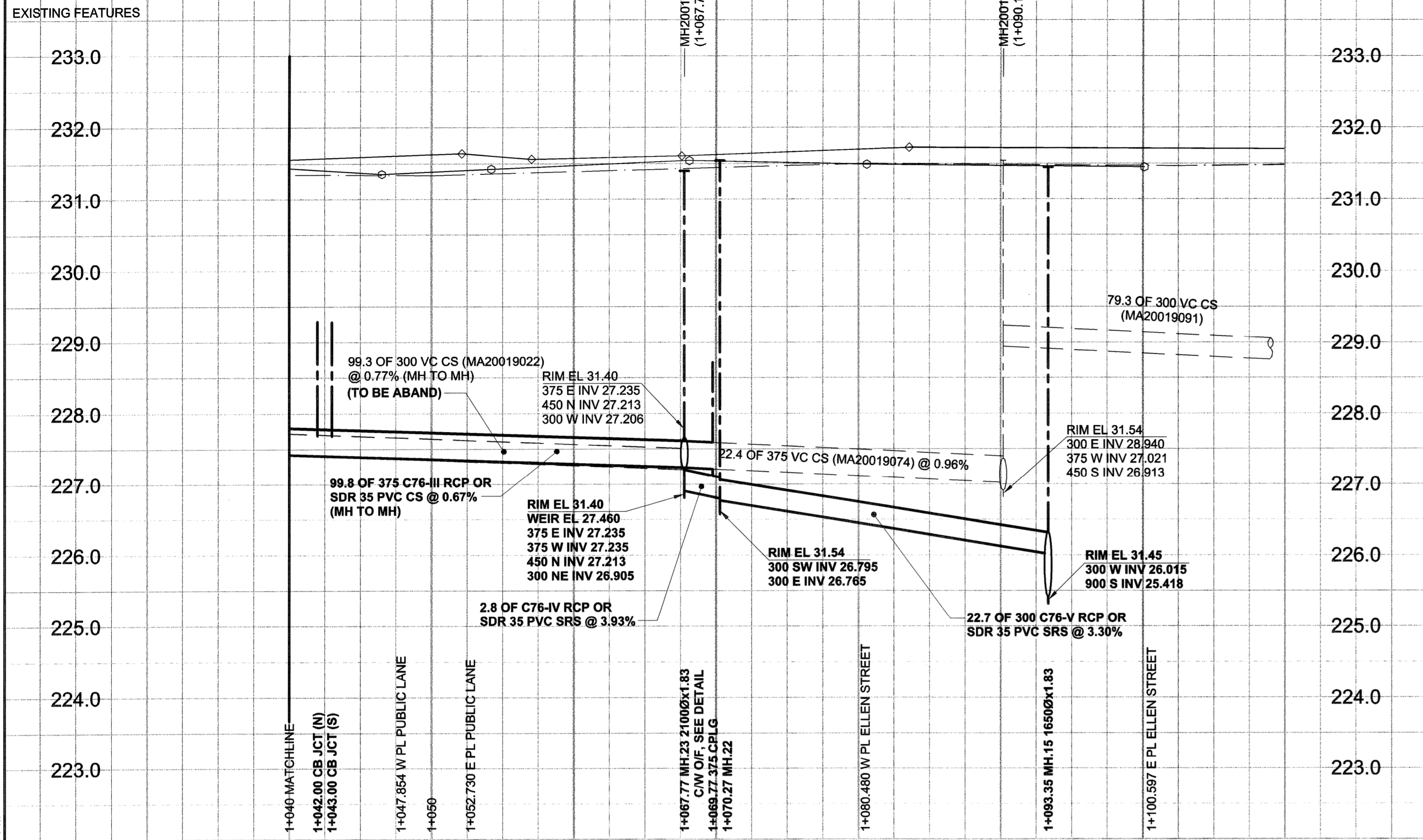


D SIZE 22" x 34" (559mm x 864mm)

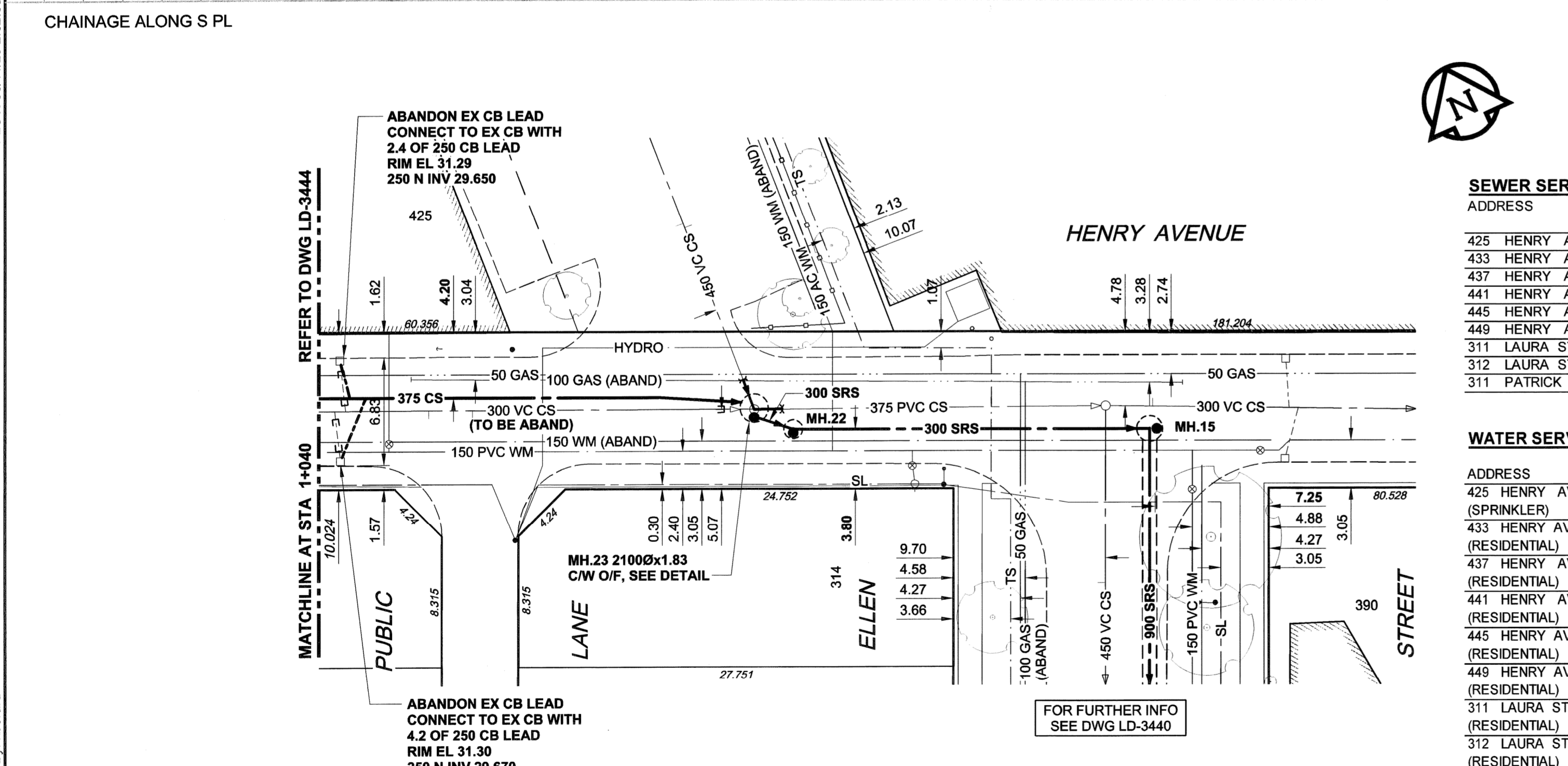
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SECTION A

SCALE 1:25

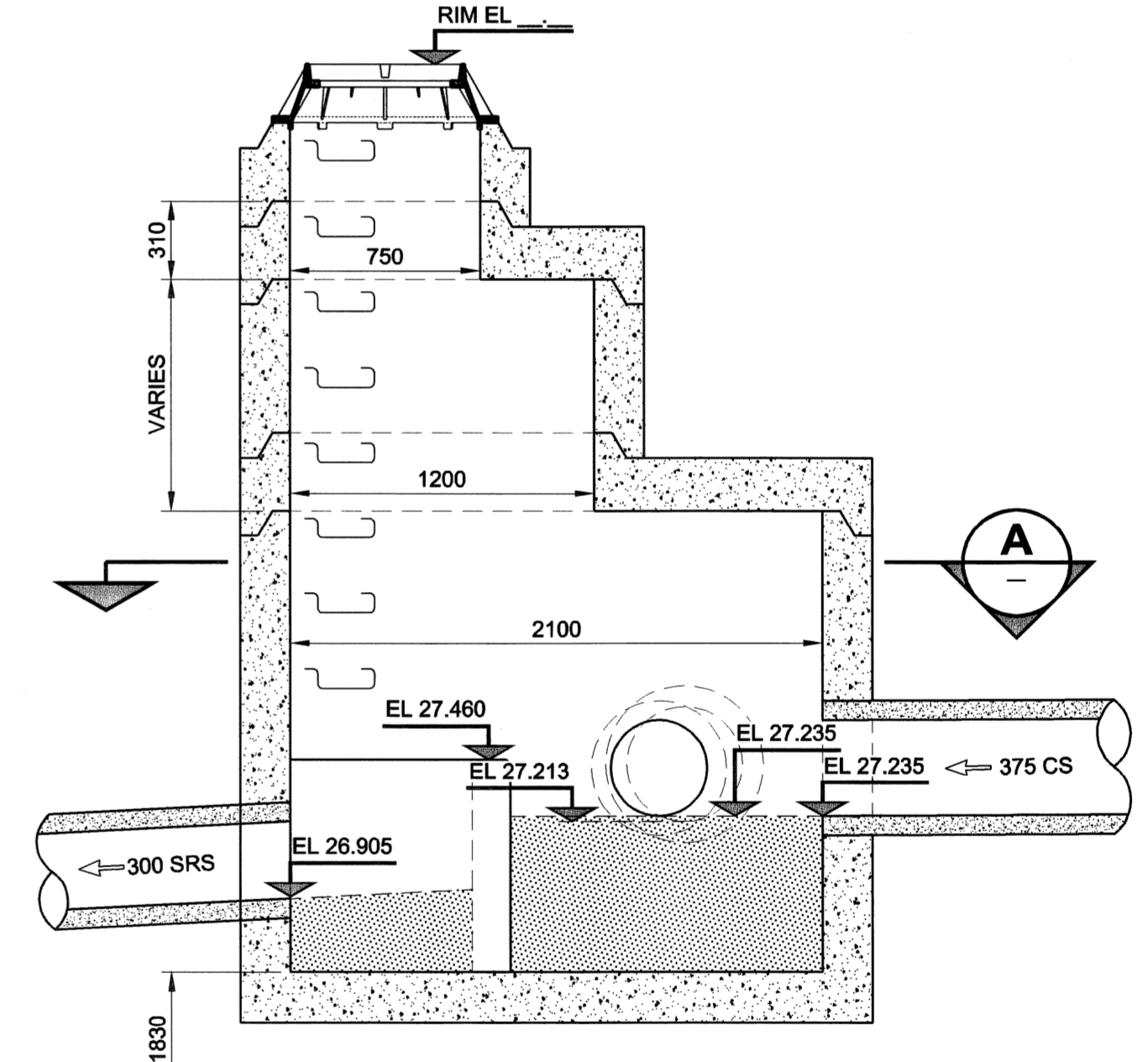


SEWER SERVICE INFORMATION

ADDRESS	PL	TIE	JUNCTION TIE	REMARKS
		(SHORT/LONG)		
425 HENRY AV				NO INFO
433 HENRY AV				NO INFO
437 HENRY AV	6.71	EWL LOT	63.40 W OF 1ST MH W OF ELLEN	
441 HENRY AV	10.06	EWL LOT	83.21 W OF 1ST MH W OF ELLEN	
445 HENRY AV				NO INFO
449 HENRY AV			0.00 1ST MH E OF PATRICK	
311 LAURA ST				NO INFO
312 LAURA ST	19.51	EWL LOT	72.85 W OF 1ST MH W OF ELLEN	
311 PATRICK ST	7.01	WEL LOT	3.96 W OF 1ST MH E OF PATRICK	

WATER SERVICE LOCATION

ADDRESS	DISTANCE	SIZE (mm)	SHORT & LONG MEASUREMENT	CORPORATION LOCATION	REMARKS
425 HENRY AV	7.01	150	0.30 WEL OF DOOR (SPRINKLER)		
433 HENRY AV (RESIDENTIAL)		19	24.89 E OF LAURA	0.00	OPP S/C
437 HENRY AV (RESIDENTIAL)		COPPER	25.60 WEL LAURA	0.00	OPP S/C
441 HENRY AV (RESIDENTIAL)		COPPER	2.74 WEL HOUSE		
445 HENRY AV (RESIDENTIAL)	7.92	19	12.50 WWL LAURA	0.00	OPP S/C S/C IN SIDEWAYS
449 HENRY AV (RESIDENTIAL)		COPPER	2.44 EEL HOUSE		
311 LAURA ST (RESIDENTIAL)		19	2.59 EWL BUILDING		
311 LAURA ST (RESIDENTIAL)		COPPER		0.00	OPP S/C
312 LAURA ST (RESIDENTIAL)		COPPER	5.79 SSL HENRY		
312 LAURA ST (RESIDENTIAL)		19	1.22 SNL HOUSE	1.52	S OF S/C
		COPPER	4.88 SSL HENRY		



MANHOLE 23 OVERFLOW DETAIL

SCALE 1:25

TYPICAL MANHOLE REQUIREMENTS AS PER SD-010

- CONSTRUCTION NOTES:**
- FOR DETAILED TEST HOLE INFORMATION, SEE SPECIFICATION.
 - 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.
 - RENEW SEWER SERVICES TO PROPERTY LINE

WARNING

IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT, THE CONTRACTOR MUST:

- NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
- TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.

SEE PROVINCIAL REGULATION 140/92 FOR DETAILS

150 mm WM	WATERMAIN	150 mm WM	CURB STOP	150 mm WM	WATERMAIN	150 mm WM	LOCATION APPROVED UNDERGROUND STRUCTURES
HYDRANT	REDUCER	HYDRANT	REDUCER	HYDRANT	REDUCER	HYDRANT	REDUCER
VALVE	COUPLING	VALVE	COUPLING	VALVE	COUPLING	VALVE	COUPLING
LAND DRAINAGE SEWER	ANODE	LAND DRAINAGE SEWER	ANODE	LAND DRAINAGE SEWER	ANODE	LAND DRAINAGE SEWER	ANODE
WASTE WATER SEWER	HYDRO	WASTE WATER SEWER	HYDRO	WASTE WATER SEWER	HYDRO	WASTE WATER SEWER	HYDRO
MANHOLE	MTS	MANHOLE	MTS	MANHOLE	MTS	MANHOLE	MTS
CATCH BASIN	GAS	CATCH BASIN	GAS	CATCH BASIN	GAS	CATCH BASIN	GAS
CURB INLET	TESTHOLE	CURB INLET	TESTHOLE	CURB INLET	TESTHOLE	CURB INLET	TESTHOLE
CULVERT	LAMP STANDARD	CULVERT	LAMP STANDARD	CULVERT	LAMP STANDARD	CULVERT	LAMP STANDARD
PIPE ABANDONMENTS	TREE	PIPE ABANDONMENTS	TREE	PIPE ABANDONMENTS	TREE	PIPE ABANDONMENTS	TREE
SURVEY BAR		SURVEY BAR		SURVEY BAR		SURVEY BAR	
EXISTING	LEGEND - PLAN	NEW	EXISTING	LEGEND - PROFILE	NEW	EXISTING	LEGEND - PROFILE

LOCATION APPROVED UNDERGROUND STRUCTURES

SUPR. U/G STRUCTURES DATE COMMITTEE

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	YYMMDD	BY
0	ISSUED FOR CONSTRUCTION	06/11/28	KMB

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

UMA | AECOM

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DESIGNED BY	GEB / DME	CHECKED BY	[Signature]
DRAWN BY	KMB	APPROVED BY	[Signature]
HOR. SCALE	1:250	RELEASED FOR CONSTRUCTION	[Signature]
VERT. SCALE	1:50	DATE	06/11/28

APEGM

Certificate of Authorization
UMA Engineering Ltd.
No. 256 Expiry: April 30, 2007

PROFESSIONAL'S SEAL

PROVINCE OF MANITOBA
REGISTERED PROFESSIONAL ENGINEER
A. NAGY
Nov. 3, 2006

CONSULTANT DRAWING NO. 11
D265-177-04

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

ALEXANDER/BANNATYNE
COMBINED SEWER RELIEF
CONTRACT 4

HENRY AVENUE
20m E OF LAURA STREET
TO ELLEN STREET

SHEET 11 OF 15
CITY DRAWING NUMBER
LD-3443

REV 0

BID OPPORTUNITY NO. 690-2006