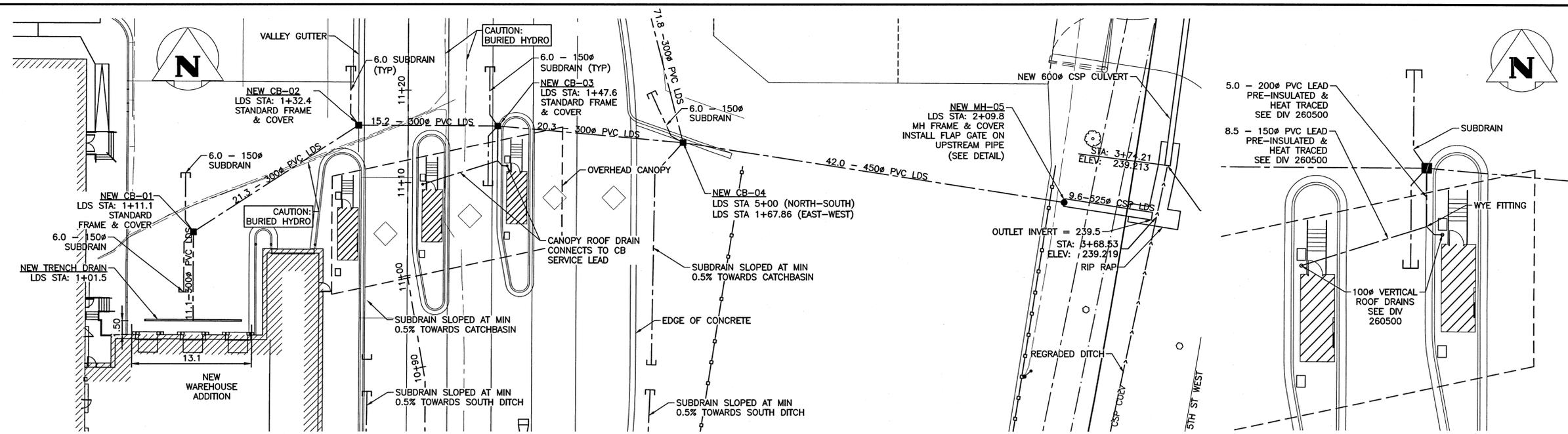
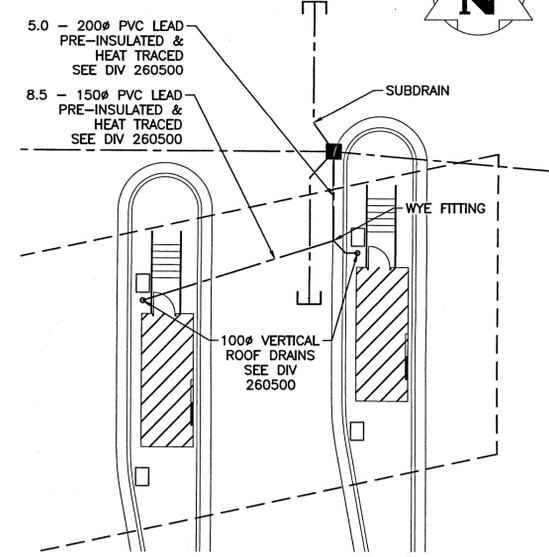


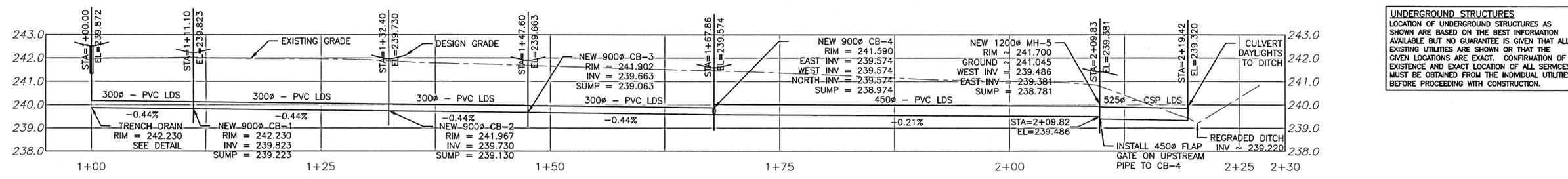
NOTES:
 1. FIELD VERIFY ALL UTILITY LOCATIONS AND BOUNDARIES PRIOR TO COMMENCING WORK.
 2. INCLUDE ALL TESTING, TELEVISION, COMMISSIONING AND/OR PERMITS ASSOCIATED WITH THE WORKS.
 3. INSULATE ALL INSTALLED PIPES WITH RIGID POLYSTYRENE INSULATION WITH THE THICKNESS (T) INDICATED BELOW:
 • STA 1+00 TO 1+67: T = 75
 • STA 1+67 TO 2+09: T = 100
 • STA 5+00 TO 6+20: T = 100



LAND DRAINAGE SYSTEM PLAN - WEST TO EAST
SCALE: 1:250



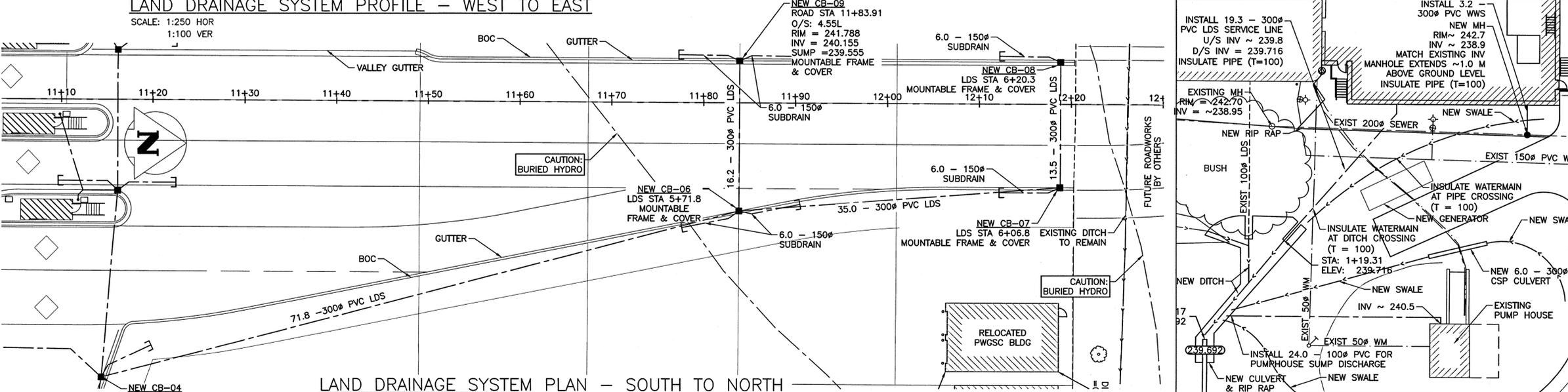
CANOPY DRAINS
SCALE: 1:150



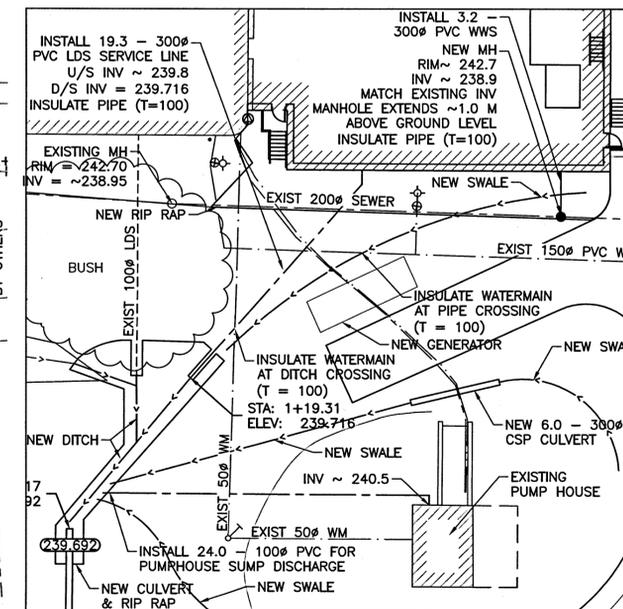
LAND DRAINAGE SYSTEM PROFILE - WEST TO EAST
SCALE: 1:250 HOR
1:100 VER

UNDERGROUND STRUCTURES
 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.

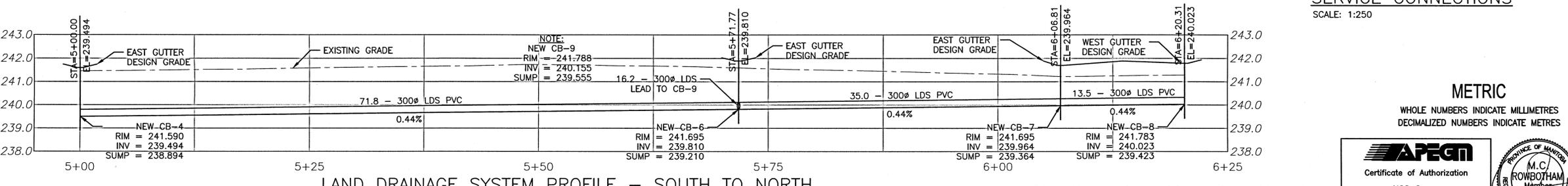
—	EXISTING WWS	—	PROPOSED WWS
—	150 W/M	—	150 W/M
—	HYDRO	—	HYDRO
—	TELEPHONE	—	TELEPHONE
—	HYDRANT	—	HYDRANT
—	VALVE	—	VALVE
—	MAINTENANCE HOLE	—	MAINTENANCE HOLE
—	CATCH BASIN	—	CATCH BASIN
—	POLES	—	POLES
—	GUY WIRE	—	GUY WIRE
—	EDGE OF ROAD	—	EDGE OF ROAD
—	CULVERT	—	CULVERT
—	DITCH	—	DITCH
—	PROPERTY LINE	—	PROPERTY LINE
—	TREE	—	TREE
—	SURVEY BAR	—	SURVEY BAR
—	ELEVATION	—	ELEVATION



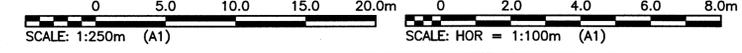
LAND DRAINAGE SYSTEM PLAN - SOUTH TO NORTH
SCALE: 1:250



NEW WAREHOUSE ADDITION: SERVICE CONNECTIONS
SCALE: 1:250



LAND DRAINAGE SYSTEM PROFILE - SOUTH TO NORTH
SCALE: 1:250 HOR
1:100 VER



METRIC
 WHOLE NUMBERS INDICATE MILLIMETRES
 DECIMALIZED NUMBERS INDICATE METRES

APEGN
 Certificate of Authorization
 KGS Group
 No. 245

PROVINCE OF MANITOBA
M.C. ROWBOTHAM
 Member
 22679
 October 2016

EXISTING	LEGEND-PLAN	PROPOSED
—	WASTEWATER SEWER	—
—	WATERMAIN	—
—	HYDRO	—
—	TELEPHONE	—
—	HYDRANT	—
—	VALVE	—
—	MAINTENANCE HOLE	—
—	CATCH BASIN	—
—	POLES	—
—	GUY WIRE	—
—	EDGE OF ROAD	—
—	CULVERT	—
—	DITCH	—
—	PROPERTY LINE	—
—	TREE	—
—	SURVEY BAR	—
—	ELEVATION	—

DO NOT SCALE DRAWINGS

Revision/	Description/Description	Date/Date
2	ISSUED FOR CONSTRUCTION	16/11/02

PUBLIC WORKS
 GOVERNMENT SERVICES
 CANADA

Project title/Titre du projet
 EMERSON, MANITOBA
 HIGHWAY 75, UNITED STATES BORDER

EXPANSION AND
 REDEVELOPMENT OF THE
 EMERSON PORT OF ENTRY

Approved by/Approve par
 CR

Designed by/Concept par
 EMS/GES

Drawn by/Dessiné par
 GEL/GES

PWGC Project Manager/Administrateur de Projets TPSC
 JAMES HUTCHINGS

PWGC Architectural and Engineering Resources Manager/
 Ressources Architectural et de Directeur d'ingénierie, TPSC

Drawing title/Titre du dessin
 LAND DRAINAGE SYSTEM
 PLAN & PROFILE

Project No./No. du projet	Sheet/Fauille	Revision no./La Revision no.
R.068431.001	C05 OF C23	2

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