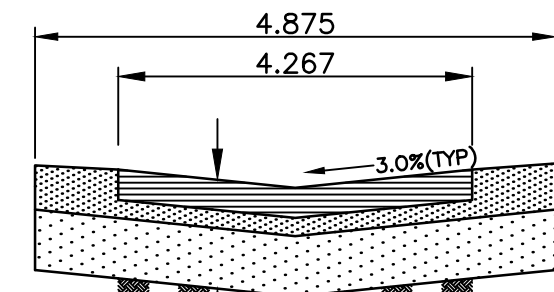


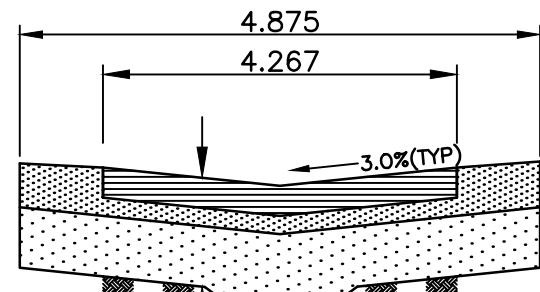
NOTES:

- ISOLATE EXISTING HYDRO POLES AS DIRECTED BY CONTRACT ADMINISTRATOR
- RENEW EXISTING APPROACHES AS DIRECTED BY CONTRACT ADMINISTRATOR
- ADDITIONAL EXCAVATION AND INSTALLATION OF SUBGRADE GEOGRID TO BE DETERMINED BY CONTRACT ADMINISTRATOR
- ADJUSTMENTS TO PROPOSED CROSSFALL, WHERE REQUIRED, ARE TO BE DETERMINED BY CONTRACT ADMINISTRATOR TO SUIT EXISTING DRIVEWAYS, APPROACHES, ETC.
- ALL LAND DRAINAGE SEWER EXCAVATION TO BE JETTED, FLOODED AND TAMPED AS PER CW2030-R7



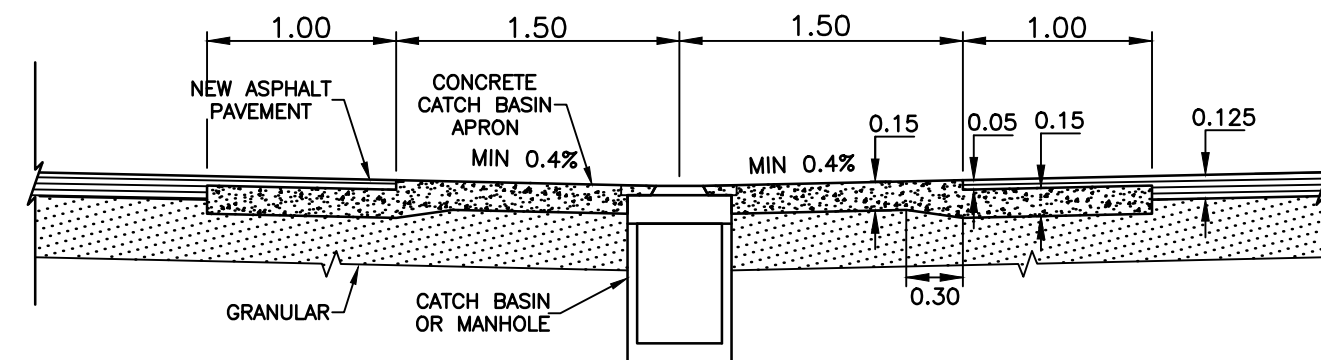
50mm TYPE 1A ASPHALT
75mm TYPE III ASPHALT
75mm BASE COURSE
300mm - 50mm SUBBASE
SUBGRADE GEOTEXTILE
SUBGRADE GEOGRID (AS REQUIRED)

TYPICAL ALLEY CROSS SECTION
N.T.S.

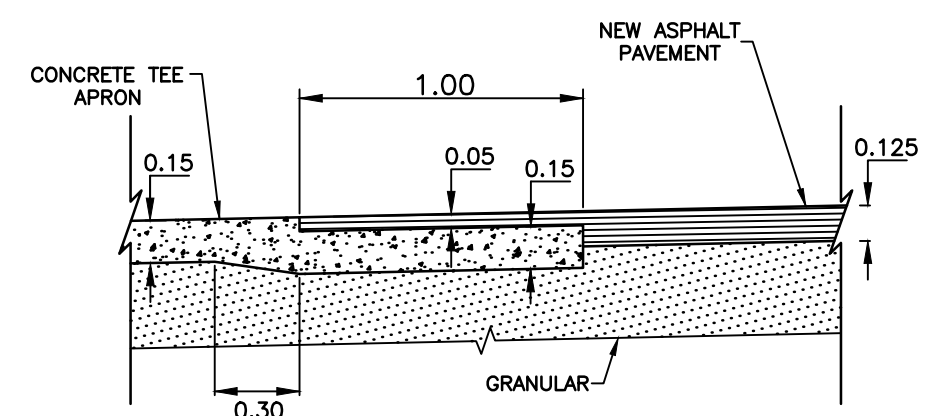


150mm PVC SUBDRAIN
50mm TYPE 1A ASPHALT
75mm TYPE III ASPHALT
75mm BASE COURSE
300mm - 50mm SUBBASE
SUBGRADE GEOTEXTILE
SUBGRADE GEOGRID (AS REQUIRED)

TYPICAL ALLEY CROSS SECTION WITH SUBDRAIN
N.T.S.



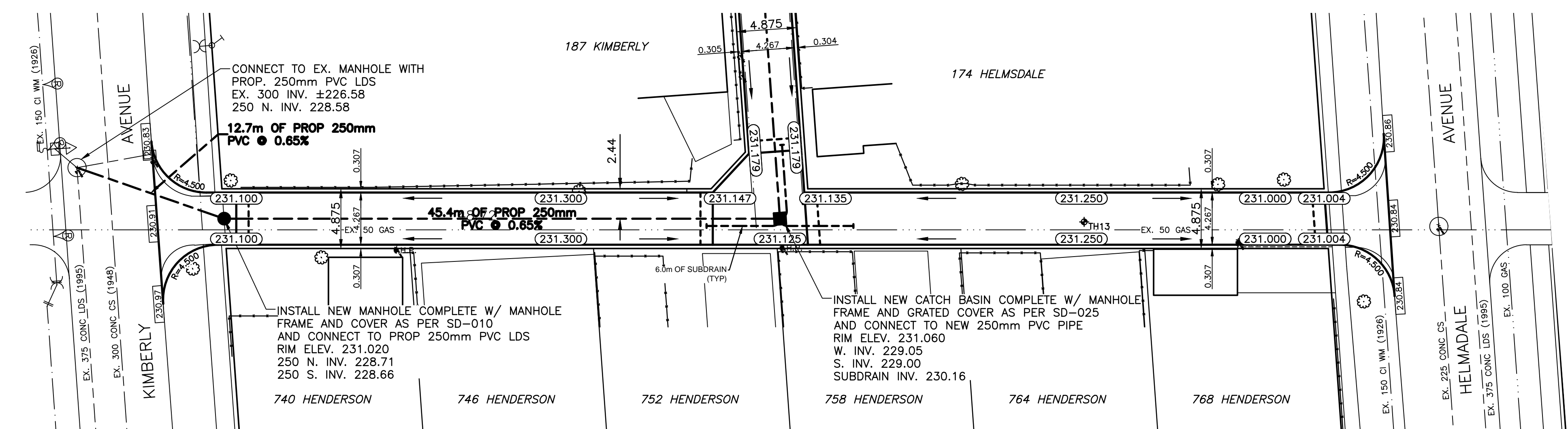
TYPICAL CATCHBASIN APRON DETAIL
N.T.S.



TYPICAL TEE APRON TIE-IN DETAIL
N.T.S.

CHAINAGE ALONG C OF PUBLIC LANE
HELMSDALE AVENUE / KIMBERLY AVENUE

FOR CONTINUATION SEE
DWG 141-24150-00-34



"Description of property limits, and existing and/or proposed features relative to these limits as shown on this drawing do not represent a Legal Survey. WSP makes no representation or guarantee that the property limit information is accurate. WSP accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions based on this drawing."

TEST HOLE DATUM
TH13 - N 5532401, E 636705
TH14 - N 5532444, E 635930
TH15 - N 5532509, E 635796

DESCRIPTION
SOUTH EAST HENDERSON HIGHWAY AND HELMSDALE AVENUE.
TABLET IN NORTH CONCRETE FOUNDATION OF THE MOST WESTERLY ADDITION TO DISTRICT NO. 4 OFFICES, NO. 755 HENDERSON HIGHWAY, 0.5M EAST OF NORTH WEST CORNER AND 0.2M BELOW BRICK OF BUILDING.

ROW WIDTH 4.875M
NEW LANE DESIGN WIDTH 4.267M

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES



EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED
—	WATERMAIN	—	—	M.T.S.	—	—	WATERMAIN	—
⊕	HYDRANT	⊕	—	TRAFFIC SIGNAL	—	⊕	VALVE	⊕
⊕	VALVE	⊕	—	CONCRETE/ASPHALT	—	—	LAND DRAINAGE SEWER	—
—	CURB STOP	—	—	SIDEWALK	—	—	WASTE WATER SEWER	—
—	WASTE WATER SEWER	—	—	CURB RAMP	—	—	CENTERLINE	—
—	LAND DRAINAGE SEWER	—	—	PROPERTY LINE	—	—	SOUTH & EAST GUTTER	—
—	C.B. LEAD	—	—	ELEVATIONS	(32.00)	—	NORTH & WEST GUTTER	—
○	MANHOLE	●	—			—	TEST HOLE LOCATION	⊕TH#
□	CATCH BASIN	■	—			—	S. & E. PAD/GARG.	—
—	GAS	—	—			—	N. & W. PAD/GARG.	—
—	HYDRO	—	—			—		

LOCATION APPROVED UNDERGROUND STRUCTURES

SUPV. 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	DATE	BY
3	ISSUED FOR APPROVAL/TENDER	05/27/15	A.B.
2	W&W 70% DESIGN REVIEW	03/31/15	A.B.
1	70% REVIEW	02/10/15	A.B.

WSP
1600 BUFFALO PLACE
WINNIPEG, MB, R3T 6B8
PHONE: 204-477-6650
FAX: 204-474-2864
WWW.WSPGROUP.COM

DESIGNED BY A.B.	CHECKED BY S.M.
DRAWN BY A.B.	APPROVED BY I.McK.
HOR. SCALE: 1:250	RELEASED FOR CONSTRUCTION
VERT. SCALE: 1:25	DATE
DATE MAY 2015	

ENGINEERS SEAL
CONSULTANT DRAWING NO.
141-24150-00-36

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT

2015 LOCAL IMPROVEMENTS - CONTRACT 2
HELMSDALE AVENUE / KIMBERLY AVENUE LANE

FROM KIMBERLY AVENUE TO HELMSDALE AVENUE
EAST LEG
ASPHALT PAVEMENT

CITY DRAWING NO.
SHEET **3** OF **3**
487-2015