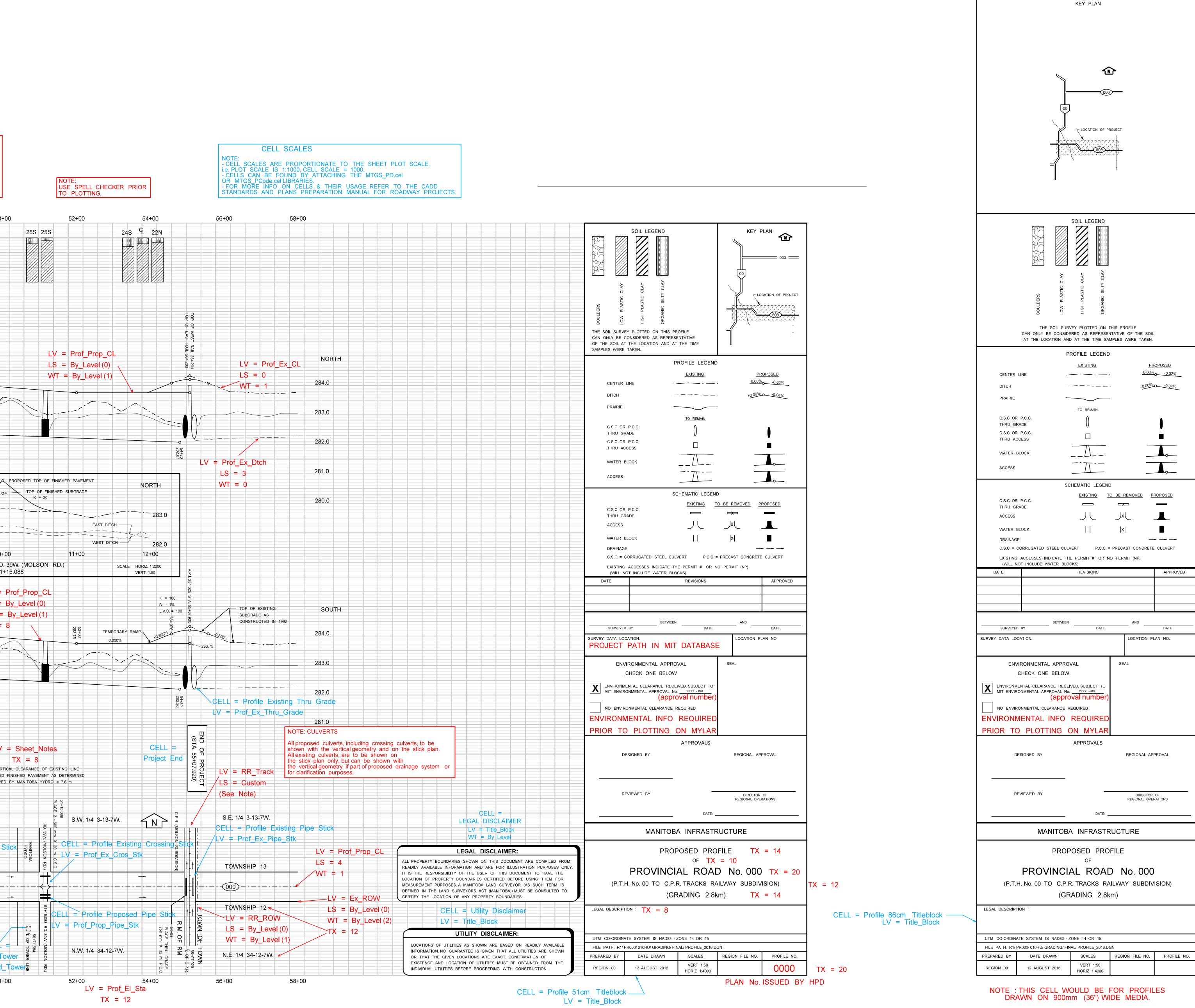
	CELL = 86cm Grid	8+00	10+00	12+00
		SURFACE TYPES:	ACCESS TYPES:	
		- CONCRETE - BITUMINOUS	A - ACCESS AC - ACCESS CHANGE	
		- BASE & AST - GRAVEL	AC - ACCESS CHANGE AR - ACCESS REMOVAL ARL - ACCESS RELOCATIO AW - ACCESS WIDENING	ON
		- MUD ROAD - TRAIL (2 WHEEL PA - UNDEVELOPED	AW - ACCESS WIDENING THS) CMP - CORRUGATED MET LC - LAND CHANGE	TAL PIPE
			NP - NO PERMIT	
			S - STRUCTURE SAD - STRUCTURE ADDIT SC - STRUCTURE CHANG SI - SIGN SIR - SIGN REMOVAL	ion E
				/AL
		LV = Sheet_Notes	SUB - SUBDIVISIONS SVR - SERVICE ROAD TP - TREE PLANTING	
		TX = 12	U - UTILITY	
		NORTH	LV = Pr	
		284.0		S = 0 T = 1
		LV = Prof_El_Sta		
SOIL LOGS		TX = 12 283.0		
NOTE: PATTERNS FOR SOIL LOGS CAN BE OBTAINED BY ATTACHING THE FROM HPD TOWN MAPS OR RM 8				·
BE OBTAINED BY ATTACHING THE FROM HPD TOWN MAPS OR RM 8 MTGS_PD.cel LIBRARY. LGD MAPS.		282.0	TOP OF PROPOSED BERM	/
		LV = Top		
SOIL LEGEND KEY PLAN		281.0 LS =		
			2	
		280.0		
			LV = Prof_Ex_Wat_Blk LS = 0	
CLAY CLAY			WT = 1	
THE SOIL SURVEY PLOTTED ON THIS PROFILE				
OF THE SOIL AT THE LOCATION AND AT THE TIME SAMPLES WERE TAKEN.				
PROFILE LEGEND				
EXISTING PROPOSED		SOUTH		
CENTER LINE		284.0	EAST PAVEMENT EDGE OF ELEV.283.85	P.T.H. NO. 00
PRAIRIE			TEMPORARY RAMP	Р
TO REMAIN		283.0 E	EV. 283.40	
C.S.C. OR P.C.C. THRU GRADE	Image: second		9+30.870	
C.S.C. OR P.C.C. THRU ACCESS		282.0		
WATER BLOCK			-0.116%	
ACCESS		281.0	281.50	-0.533%
SCHEMATIC LEGEND				
EXISTING TO BE REMOVED PROPOSED		280.0		
THRU GRADE			START (STA	
		CELL = Project Star LV = Prp Limit Con	L 9+30. 20.	
C.S.C. = CORRUGATED STEEL CULVERT P.C.C. = PRECAST CONCRETE CULVERT EXISTING ACCESSES INDICATE THE PERMIT # OR NO PERMIT (NP)			370 J	Number
(WILL NOT INCLUDE WATER BLOCKS)			IV = PTH TCH Shie	
MANITOBA INFRASTRUCTURE		ELL = Profile Existing Water Block S / = Prof_Ex_Wat_Blk_Stk	tick / S.E. 1/4 5-13-7W.	
PROPOSED PROFILE	LEGAL DISCLAIMER:		00 WATER WATER	
OF	ALL PROPERTY BOUNDARIES SHOWN ON THIS DOCUMENT ARE COMPILED FROM READILY AVAILABLE INFORMATION AND ARE FOR ILLUSTRATION PURPOSES ONLY			
PROVINCIAL ROAD No. 000	IT IS THE RESPONSIBILITY OF THE USER OF THIS DOCUMENT TO HAVE THE LOCATION OF PROPERTY BOUNDARIES CERTIFIED BEFORE USING THEM FOR	CELL = PR Shield Numb		
(P.T.H. No. 00 TO C.P.R. TRACKS RAILWAY SUBDIVISION) (GRADING 2.8km)	MEASUREMENT PURPOSES A MANITOBA LAND SURVEYOR (AS SUCH TERM IS DEFINED IN THE LAND SURVEYORS ACT (MANITOBA)) MUST BE CONSULTED TO CERTIFY THE LOCATION OF ANY PROPERTY BOUNDARIES.	LV = PR_Shield C		
LEGAL DESCRIPTION :	CELL = Utility Disclaimer			
	$LV = Title_Block$		11+20.027 EMOVE W	
UTM CO-ORDINATE SYSTEM IS NAD83 - ZONE 14 OR 15	UTILITY DISCLAIMER:		ATER U	BRIDGE
UTW OU-UNDINATE UTUTEW TO NADUS - ZONE 14 OK 15	LOCATIONS OF UTILITIES AS SHOWN ARE BASED ON READILY AVAILABLE		П Г В ВО	SITE No
FILE PATH: R1/ PR000/ 010HU/ GRADING/ FINAL/ PROFILE_2016.DGN	INFORMATION. NO GUARANTEE IS GIVEN THAT ALL UTILITIES ARE SHOWN	CELLE Protile Remove	Vater Block Stick	
	OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND LOCATION OF UTILITIES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.	CELL=ProfileRemoveVLV=Prof_Rem_Wat_Blk_		

CELL = 51cm Grid or ———

PLOT SCALE / TEXT SIZES NOTE: IF PROFILE IS GENERATED WITH GEOPAK, MOST OF THE TEXT WILL BE AUTOMATTICALLY PLACED. - UNLESS OTHERWISE SHOWN, ALL TEXT TO BE ON Sheet_Notes LEVEL. - ALL FONTS ARE 151 (ARIAL). - ALL FONTS ARE 151 (ARIAL). - STANDARD TEXT SIZES SHOWN, WERE DETERMINED FOR A PROFILE PLOT SCALE OF 1:4000, FOR A PROFILE PLOT SIZE OF 1:2000, TEXT WOULD BE MODIFIED ACCORDINGLY. i.e. SCALE = 1:4000, TEXT SIZE = 8, SCALE = 1:2000, TEXT SIZE = 8/4000 = .002 X 2000 = 4.	NOTE: Length Adjust	
1.5. OUNEL - 1.4000, TENT SIZE - 0, SUMLE - 1.2000, TENT SIZE - 0/4000002 A 2000- 4.	RIGHT.	ested By Sheet Plot Scale, Based le Of 1:2000; LEMENT> LINE STYLES> CUSTOM> actor = 5.0, for this sheet (1:10000). stom Line Styles, (to change color), OLS> LINESTYLES> DROP LINE STYLE.
	6+00 46+00	48+00 50+00
SURFACE TYPES: ACCESS TYPES: Q 8S 8N 25S Q 8S 8N 25S Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q	85 G	25S 25S
- CONCRETE - BITUMINOUS - BASE & AST ACCESS TYPES: ACCES		
SURFACE TYPES: ACCESS TYPES: - CONCRETE - BITUMINOUS - BASE & AST - GRAUESS - BASE & AST - GRAUESS REMOVAL - GRAUESS REMOVAL - TRAIL (2 WHEEL PATHS) - UNDEVELOPED - UNDEVELOPED - UNDEVELOPED - DEVELOPED - DEVELOPE		
- CONCRETE - BITUMINOUS - BASE & AST - GRAVEL - MUD ROAD - TRAIL (2 WHEEL PATHS) - UNDEVELOPED - UNDEVELOPED - NO PERMIT - STPLICTUPE		
SAD - STRUCTURE ADDITION LV = Prof_Soil_Logs SC - STRUCTURE CHANGE Patterns as per the standard patterns in the MTGS_PD.cel Library. SI - SIGN SIR - SIGN REMOVAL SR - STRUCTURE REMOVAL SIR - SIGN REMOVAL SUB - SUBDIVISIONS SUB - SUBDIVISIONS		
TX = 12 U-UILIIY	TOP OF PROPOSED SUBGRADE	LV = Prof_Ex_Prairie LS = 0
NORTH LV = Prof_Prop_CL		WT = 0
LS = 0 $VT = 1$	284.0	
$LV = Prof_El_Sta$ $TX = 12$ 283.0 $VI = 0$ 283.0 283.0 $ZR = 0$ 283.0 $ZR = 0$ $ZR = 0$ $ZR = 0$ $ZR = 0$		
		-0.05%
282.0 10.231% 282.0 282.0		Profile Slope Percent LV = Prof_Slope_Percent
$\frac{LV = Top_Berm}{281.0}$ $\frac{LV = Prof_Ex_Dtch}{281.0}$ $V = Prof_Prop_Thru_Grade$ $\frac{V = Prof_Prop_Thru_Grade$ $\frac{V = Prof_Prop_Thru_Grade$ $\frac{V = Prof_Prop_Thru_Grade$ $\frac{V = Prof_Prop_Thru_Grade$		TX = 8
$281.0 LS = 0$ $WT = 2$ $U = Prof_Ex_Dtch$ $U = Prof_Prop_Thru_Grade$ $LS = 3$ $U = Prof_Prop_Thru_Grade$ $U = Prof_Prop_Thru_Grade$	SOUTH	
		K = 20
LV = Prof_Ex_Wat_Blk Profile Slope Elevation SOUTH NORTH NORTH Image: Contraction of the state of the sta		·
TX = 8		
	8+00	9+00 10+00
$\frac{1}{1} = \frac{1}{1} = \frac{1}$		PROFILE ALONG RD. 39W STA. 51+15.0
$STA. 17+09.875$ $VERT. 1:50$ $LV = Prof_Ex_Cross$ $K = 1295$		LV = Pro
LS = 0 $LV.C. = 400$ $K = 1410$ $WT = 1$	285.0	LS = By_ VVT = By_
- EAST PAVEMENT EDGE OF P.T.H. NO. 00 $LV.C. = 240$ $TX = 8$		-0.097% TX = 8
204.0 +0.212 +0.212 +0.212 +0.02% TEMPORARY RAMP +0.042% +0.042%	· · · · · · · · · · · · · · · · · · ·	
	283.0	-0.069%
	mplex Shape	
-0.075% CELL = Profile Exisiting Pipe	ofile Proposed Crossing / = Prof_Prop_Cross	LV = Prof_Prop_Dtch
281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0 281.0		LS = By_Level (0) VVT = By_Level (1)
CELL = Profile Proposed Pipe		TX = 8
280.0 280.0 ST/	26644	
CELL = Profile Proposed Water Block LV = Prof_Prop_Wat_Blk_Stk LV = Pipe_Line_ROW	41.235 = E	MINIMUM VERTICAL C TO PROPOSED FINIS AND APPROVED BY
$LV = Prp_Limit_Cons$ $UV = Prp_Limit_Cons$	General Information	
WT = By_Level (1) UV = Prof_Rem_Pipe_Stk	EV = Sheet_Notes Σ TX = 8	
ELL = Profile Existing Water Block Stick V = PTH_TCH_Shield S.E. 1/4 5-13-7W. V = PTH_TCH_Shield S.W. 1/4 4-13-7W. CELL = North Arrow R R R R R R R R R R R R R R R R R R R	P P P P P P P P P P P P P P P P P P P	S.E. 1/4 4-13-7W.
ATER EV = N_ATOW	Stick CELL = Pro	ofile Proposed Drainage Arrow Stick Prop_Drain_Arr_\$tk
	A = 25° 12' 00" R = 800	
CELL = PR Shield Number + + + + + + + + + + + + + + + + + + +		
000027 000027 000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027 0000027	EXISTING PR NO.00	N.E. 1/4 33-12-7W.
$\begin{bmatrix} V \\ V \end{bmatrix} = \frac{V}{V} = $	= Profile Proposed Crossing Stick	
CELL = Profile Remove Water Block Stick A A A A A A A A B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B <t< td=""><td>. 26+4123</td><td>Hyedro Tower</td></t<>	. 26+4123	Hyedro Tower
		48+00 50+00



STAND "MANIT CADD	ING STANDARDS ARDS OUTLINED OBA INFRASTRUC STANDARDS AND AL FOR ROADWAY	IN TURE AN PLANS I	ID TRANS PREPARA	SPORTATIC TION	DN'S
THIS I	THE APPROVED / NCLUDES PROPOS DIMENSIONING.				
DRAFT	DRAWING ILLUSTR ING STANDARDS RAWINGS ARE TO	ONLY.			
DATE	REVISIONS			APPROVED	
R	ECOMMENDED	Man	itoba		
HIGHWAY PLA	DIRECTOR OF NNING AND DESIGN BRANCH				
APPROVED		SECTION:			
			OPOSED PRO RAFTING STA		
	UTIVE DIRECTOR OF HWAY ENGINEERING	DRAFTING SECTION	DATE: AUG. 12/16	1	

RECOMMENDED SCALES AS PER PROFILE STANDARDS.

PROPOSED PROFILE