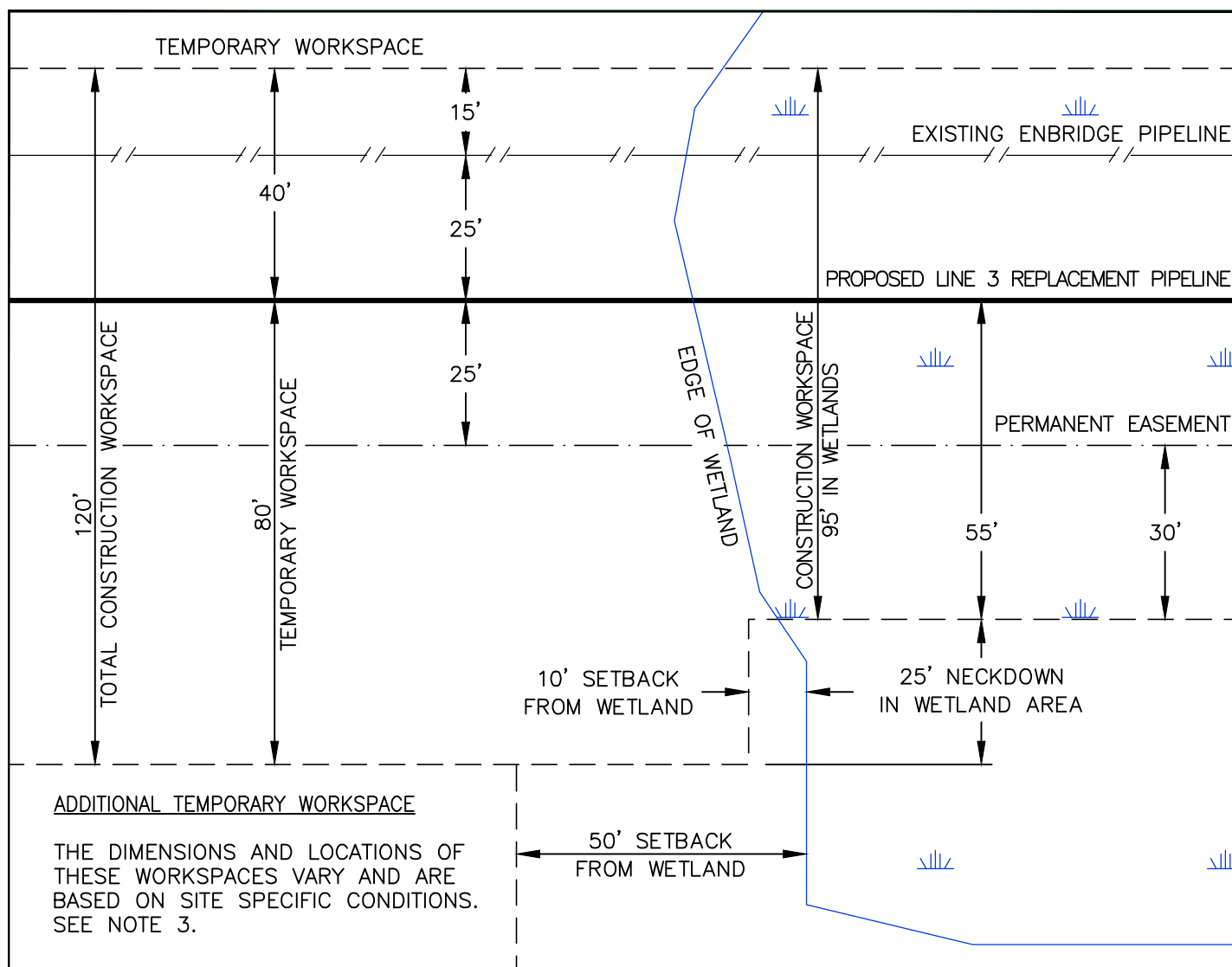


LINE 3 REPLACEMENT PROJECT

Application for Pipeline Routing Permit

**Minnesota Public Utilities Commission
Appendix G**

Typical Right of Way Configuration Drawings

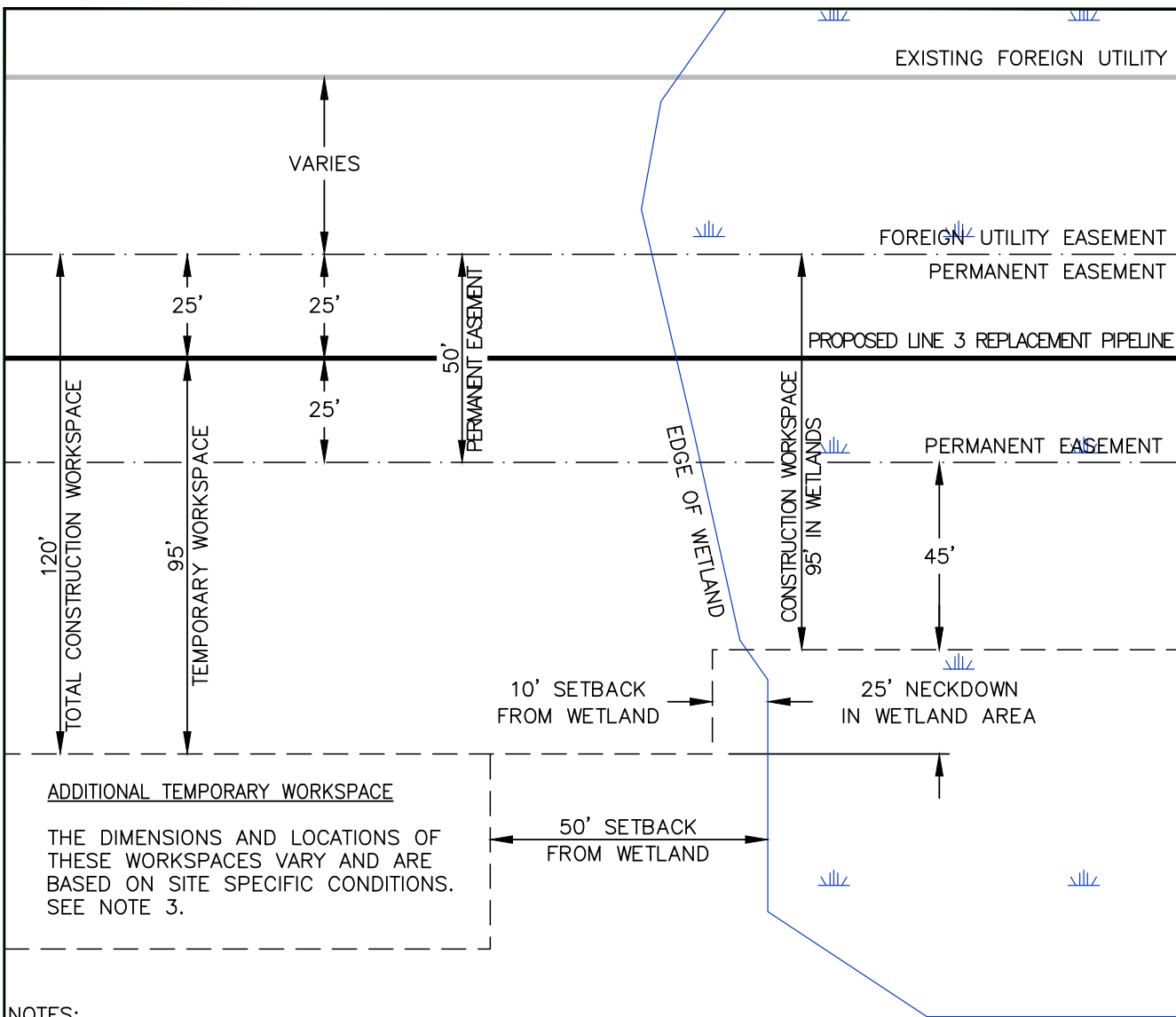


NOTES:

1. A PERMANENT PIPELINE RIGHT-OF-WAY LIMIT WILL BE TYPICALLY 25-FOOT PARALLEL AND ADJACENT TO THE PROPOSED LINE 3 REPLACEMENT PIPELINE.
2. IN WETLAND AREAS, CONSTRUCTION WILL TYPICALLY UTILIZE A 95-FOOT-WIDE CONSTRUCTION WORKSPACE TO INSTALL THE PROPOSED LINE 3 REPLACEMENT PIPELINE AND WILL TYPICALLY HAVE A 25-FOOT OFFSET FROM THE EXISTING ENBRIDGE PIPELINE.
3. ADDITIONAL TEMPORARY WORKSPACE REQUIREMENTS WILL VARY PENDING; CONSTRUCTION TECHNIQUE, TYPE OF CROSSING, TOPOGRAPHY AND ANY SPECIAL PERMIT CONDITIONS OR ENVIRONMENTAL FEATURES. THESE ADDITIONAL TEMPORARY WORKSPACES ARE GENERALLY USED AT ROAD, RAILROAD, WATERBODY, WETLAND, UNEVEN GRADIENTS, AND UTILITY CROSSINGS.

DWN. BY:	TS	DATE	3/25/15
CHK.	MR		3/25/15
PROJ. MGR.	MR		3/25/15
SCALE		DWG. NO.	
NO SCALE			

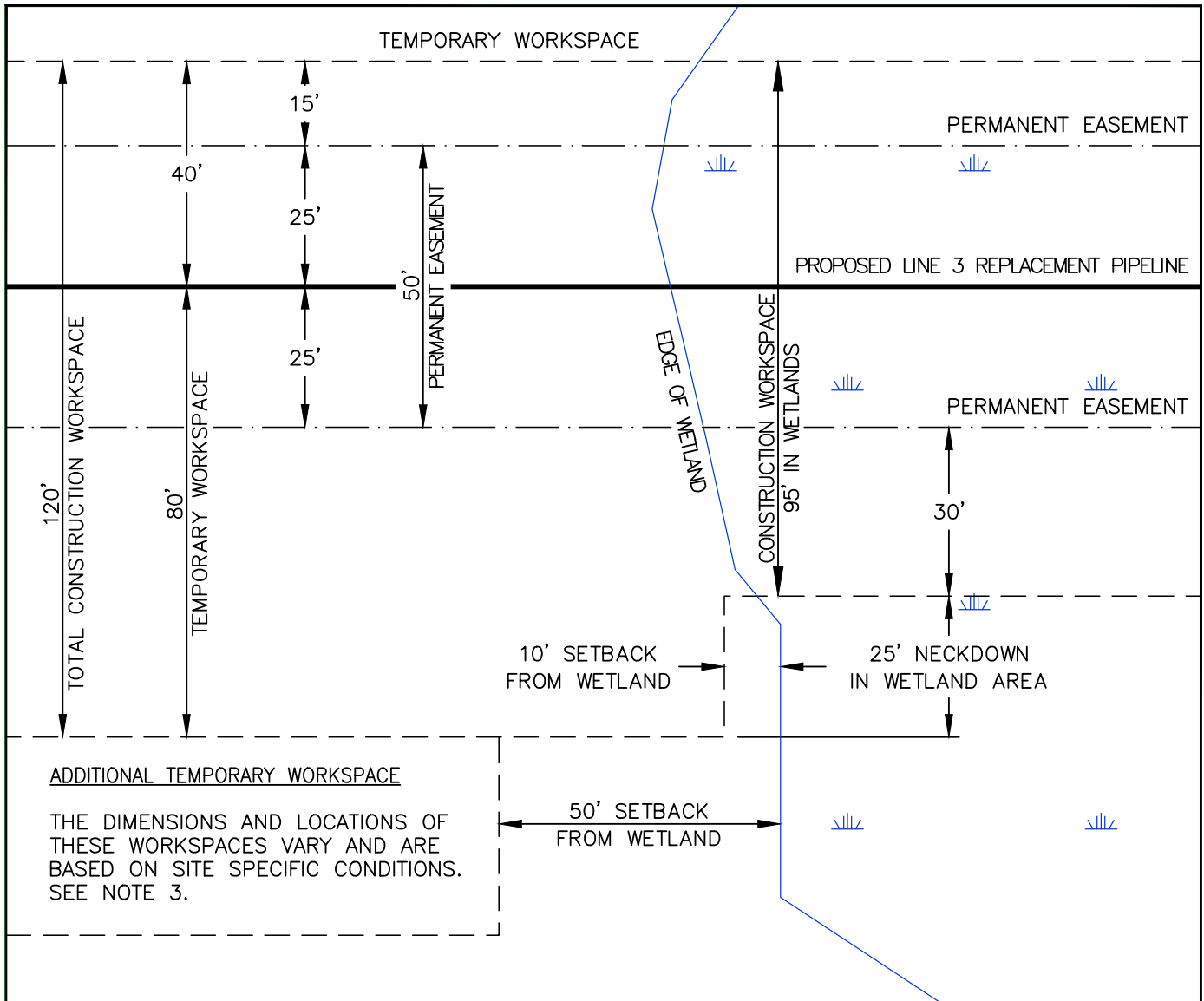
TYPICAL WORKSPACE
 PROPOSED LINE 3 REPLACEMENT PIPELINE
 CO-LOCATED WITH EXISTING ENBRIDGE PIPELINE
 WEST OF ENBRIDGE CLEARBROOK TERMINAL



NOTES:

1. A PROPOSED PERMANENT 50-FOOT WIDE EASEMENT WILL BE CENTERED ON THE NEW LINE 3 REPLACEMENT PIPELINE.
2. IN WETLAND AREAS, CONSTRUCTION WILL TYPICALLY UTILIZE A 95-FOOT-WIDE CONSTRUCTION WORKSPACE TO INSTALL THE PROPOSED LINE 3 REPLACEMENT PIPELINE.
3. ADDITIONAL TEMPORARY WORKSPACE REQUIREMENTS WILL VARY PENDING; CONSTRUCTION TECHNIQUE, TYPE OF CROSSING, TOPOGRAPHY AND ANY SPECIAL PERMIT CONDITIONS OR ENVIRONMENTAL FEATURES. THESE ADDITIONAL TEMPORARY WORKSPACES ARE GENERALLY USED AT ROAD, RAILROAD, WATERBODY, WETLAND, UNEVEN GRADIENTS, AND UTILITY CROSSINGS.

ENBRIDGE			
DN. BY:	TS	DATE	3/25/15
CHK:	MR	DATE	3/25/15
PRD. MGR:	MR	DATE	3/25/15
SCALE		DVG. NO.	
NO SCALE			

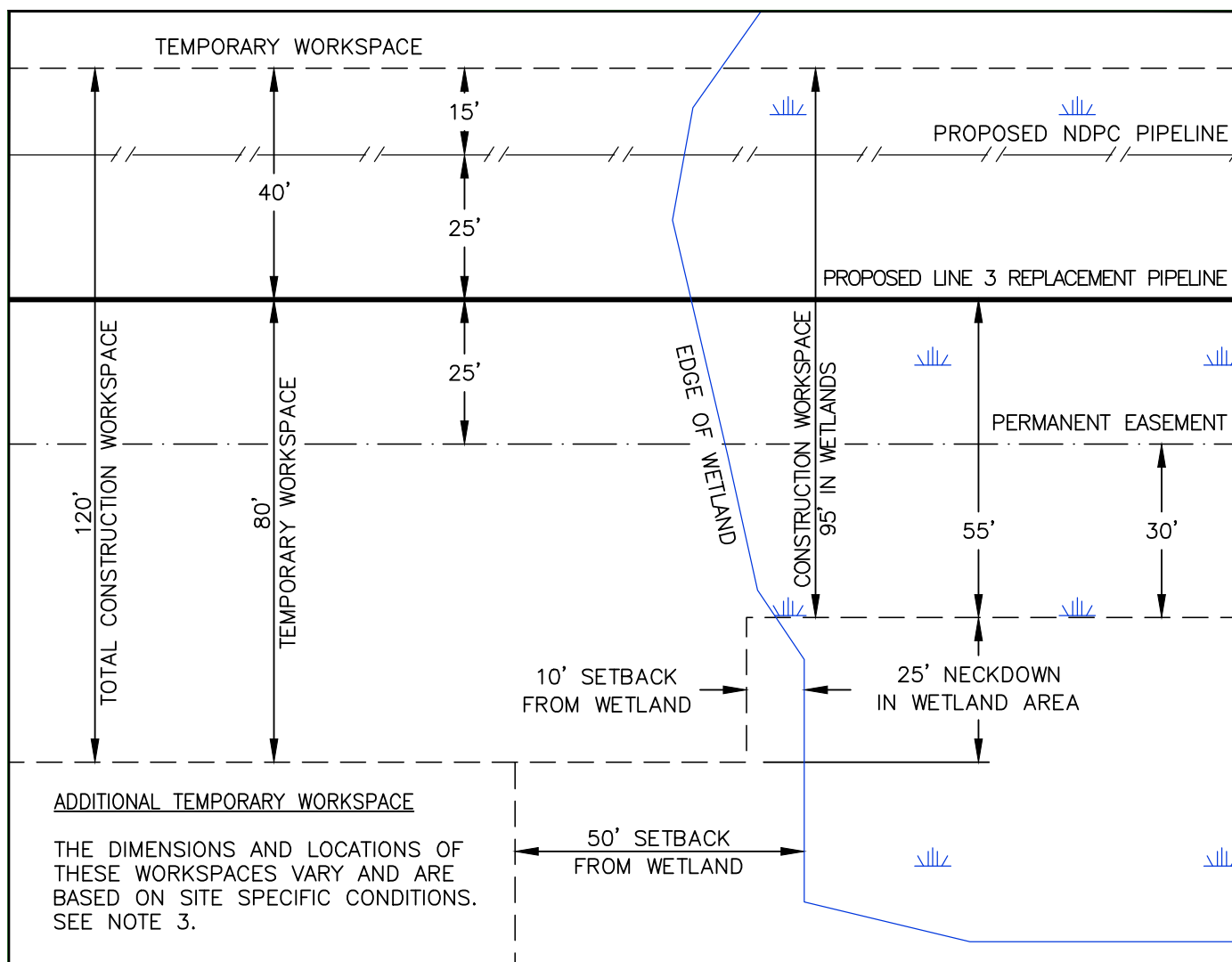


NOTES:

1. A PERMANENT 50-FOOT WIDE EASEMENT WILL BE CENTERED ON THE PROPOSED LINE 3 REPLACEMENT PIPELINE.
2. IN WETLAND AREAS, CONSTRUCTION WILL TYPICALLY UTILIZE A 95-FOOT-WIDE CONSTRUCTION WORKSPACE TO INSTALL THE PROPOSED LINE 3 REPLACEMENT PIPELINE.
3. ADDITIONAL TEMPORARY WORKSPACE REQUIREMENTS WILL VARY PENDING; CONSTRUCTION TECHNIQUE, TYPE OF CROSSING, TOPOGRAPHY AND ANY SPECIAL PERMIT CONDITIONS OR ENVIRONMENTAL FEATURES. THESE ADDITIONAL TEMPORARY WORKSPACES ARE GENERALLY USED AT ROAD, RAILROAD, WATERBODY, WETLAND, UNEVEN GRADIENTS, AND UTILITY CROSSINGS.

DWN. BY:	TS	DATE	3/25/15
CHK.	MR	DATE	3/25/15
PROJ. MGR.	MR	DATE	3/25/15
		SCALE	NO SCALE
		DWG. NO.	

TYPICAL WORKSPACE
 PROPOSED LINE 3 REPLACEMENT PIPELINE
 GREENFIELD RIGHT-OF-WAY



NOTES:

1. A PERMANENT PIPELINE RIGHT-OF-WAY LIMIT WILL BE TYPICALLY 25-FOOT PARALLEL AND ADJACENT TO THE PROPOSED LINE 3 REPLACEMENT PIPELINE.
2. IN WETLAND AREAS, CONSTRUCTION WILL TYPICALLY UTILIZE A 95-FOOT-WIDE CONSTRUCTION WORKSPACE TO INSTALL THE PROPOSED LINE 3 REPLACEMENT PIPELINE AND WILL TYPICALLY HAVE A 25-FOOT OFFSET FROM THE EXISTING PIPELINE.
3. ADDITIONAL TEMPORARY WORKSPACE REQUIREMENTS WILL VARY PENDING; CONSTRUCTION TECHNIQUE, TYPE OF CROSSING, TOPOGRAPHY AND ANY SPECIAL PERMIT CONDITIONS OR ENVIRONMENTAL FEATURES. THESE ADDITIONAL TEMPORARY WORKSPACES ARE GENERALLY USED AT ROAD, RAILROAD, WATERBODY, WETLAND, UNEVEN GRADIENTS, AND UTILITY CROSSINGS.

ENBRIDGE			
DWN. BY:	TS	DATE	3/25/15
CHK.	MR	DATE	3/25/15
PROJ. MGR.	MR	DATE	3/25/15
SCALE		NO SCALE	
DVG. NO.			

TYPICAL WORKSPACE
 PROPOSED LINE 3 REPLACEMENT PIPELINE
 CO-LOCATED WITH PROPOSED NDPC PIPELINE
 EAST OF ENBRIDGE CLEARBROOK TERMINAL