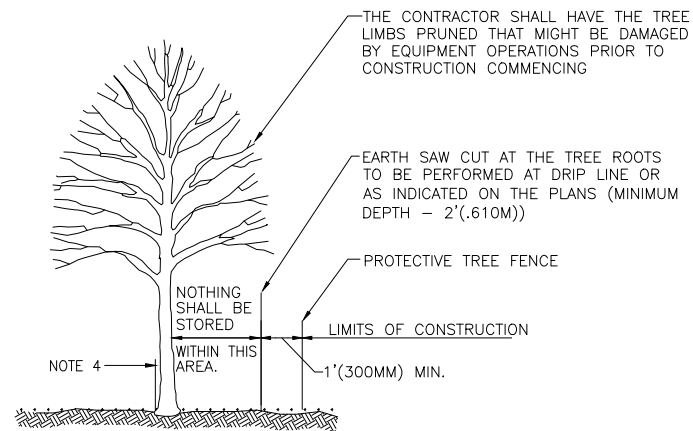


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338/IL 59	<del>2011-035</del>	DUPAGE		
FED.ROAD.DIST.NO.		ILLINOIS	CONTRACT <del>60P42</del>	
		FED. AID PROJECT		

TREE PROTECTION DETAIL

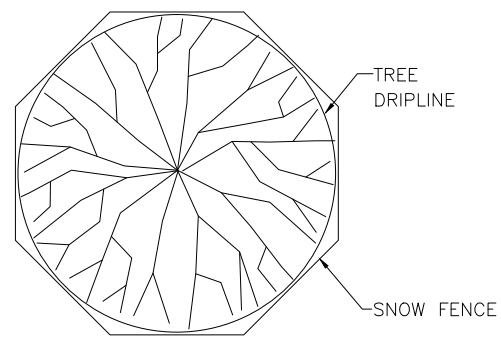


NOTE:

- IF A UTILITY MUST BE WITHIN 15 FEET OF A TREE TRUNK, IT IS RECOMMENDED THAT IT BE AUGERED.
- ALL TREES PROTECTED SHALL BE DEEP ROOT FERTILIZED.
- ALL TREES SHALL BE WATERED.
- PROTECT TREES WITH PLANKS FOR 10' ABOVE GROUND AND COMPLETELY AROUND TREE.
- ALL MATERIALS SUPPLIED BY CONTRACTOR.

NAPERVILLE PUBLIC UTILITIES DEPARTMENT ELECTRIC STANDARDS	<b>TREE PROTECTION DETAIL</b>	DATE: 05-01-05 Page 1 of 1 60468-300
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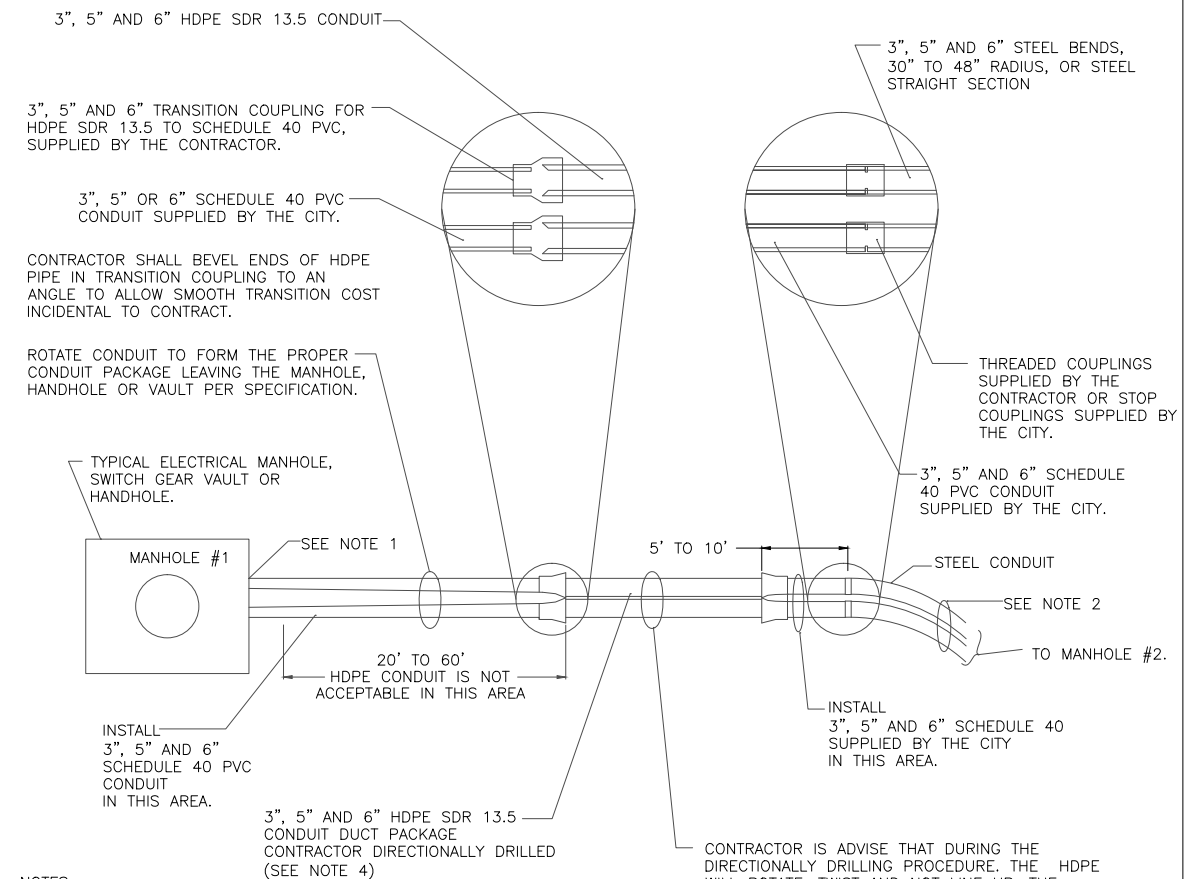
RECOMMENDED PRACTICES FOR TREES TO BE SAVED



- SNOW FENCE SHALL EXTEND TO THE DRIPLINE OF THE TREE. THE SNOW FENCE SHALL BE HIGH ENOUGH SO AS TO BE VISIBLE TO ALL CONSTRUCTION PERSONNEL.
- GRADE CHANGES, UTILITY TRENCHES, STORAGE OF CONSTRUCTION MATERIAL, DUMPING OF WASTE OR STORAGE OF CONSTRUCTION EQUIPMENT SHALL NOT BE ALLOWED WITHIN SNOW FENCING.
- IF A UTILITY MUST BE WITHIN 15'(4.57M) OF A TREE TRUNK, IT IS RECOMMENDED THAT IT BE AUGERED.
- ALL TREES TO BE SAVED WHICH HAVE BEEN SUBJECTED TO CONSTRUCTION ACTIVITY WITHIN THE DRIPLINE SHOULD BE SELECTIVELY THINNED 10% BY AN ARBORIST SKILLED AT THE SELECTIVE THINNING PROCEDURE. NONE OF THE TREES SHALL BE TOPPED, HEADED BACK, SKINNED (REMOVAL OF THE INTERIOR BRANCHES), OR CLIMBED WITH SPIKES. ALL DEAD WOOD SHOULD BE REMOVED TO AVOID HAZARD.
- IT IS RECOMMENDED THAT FOLLOWING CONSTRUCTION, TREES BE MAINTAINED IN THEIR NATIVE CONDITION. NO LAWN SHOULD BE PLACED AROUND THE TREES. IT IS RECOMMENDED THAT THE AREA BE MULCHED WITH 2"(50MM) OF DECOMPOSED LEAVES AND 2"(50MM) OF WOOD CHIPS OR BARK.
- ALL TREES PROTECTED SHALL BE DEEP ROOT FERTILIZED.
- ALL TREES SHALL BE WATERED.
- ALL MATERIALS SUPPLIED BY CONTRACTOR.

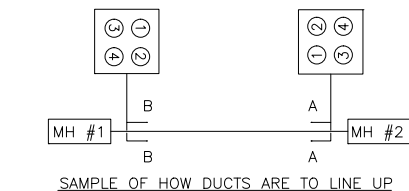
NAPERVILLE PUBLIC UTILITIES DEPARTMENT ELECTRIC STANDARDS	<b>RECOMMENDED PRACTICES FOR TREES TO BE SAVED</b>	DATE: 05-01-05 Page 1 of 1 60468-310
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TYPICAL CONDUIT CONNECTIONS ENTERING MANHOLE, HANDHOLE AND VAULTS WHEN HDPE CONDUIT IS USED



NOTES:

- SEE SPECIFICATION FOR PROPER DUCT ALIGNMENT INTO MANHOLE
- SEE SPECIFICATION FOR PROPER DUCT ALIGNMENT ON THE OTHER END OF DUCT RUN THE NUMBERED DUCTS SHOULD BE IN THE SAME LOCATION ON BOTH ENDS (SEE SAMPLE AT LOWER RIGHT).
- COST TO PROPERLY INSTALL CONDUIT FROM ONE ELECTRICAL FACILITY TO ANOTHER IS INCIDENTAL TO THE COST OF THE WORK.
- DUCT PACKAGE CAN BE ANY NUMBER OF DUCTS, FROM 2 DUCTS TO 18 DUCTS.
- COST OF ALIGNING DUCTS ARE INCIDENTAL TO THE CONTRACT.



NAPERVILLE PUBLIC UTILITIES DEPARTMENT ELECTRIC STANDARDS	<b>TYPICAL CONDUIT CONNECTIONS</b>	DATE: 01-02-08 60468-320
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PROJECT TITLE <b>ROUTE 59 ROAD IMPROVEMENTS</b>			
PROJECT DESCRIPTION <b>DETAILS AND STANDARDS</b>			
ENGINEER BCC	DRAFTING DATE 8-04-12	MAP # 4211,4224	SCALE N.T.S.
GIS DESIGN BY DL	DRAFTED BY PSM	REVISIONS DATE N/A	PROJECT # EU-12
CHECKED BY	APPROVED BY	CAD FILE 0061123001D24.DWG	SHEET # 24 OF 40
Naperville Department of Public Utilities Electric Division			WORK REQUEST # 61123