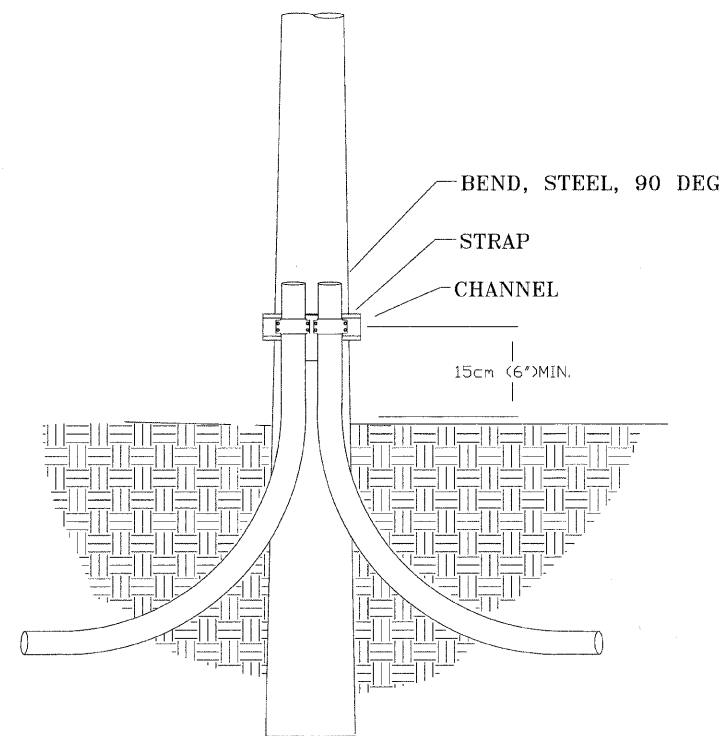


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3570	00-00116-00-BR	DUPAGE	106	79
STA. 4+38.47		TO STA. 14+62.4		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT 83827				

DnB90SA: STANDOFF BEND ASSEMBLY

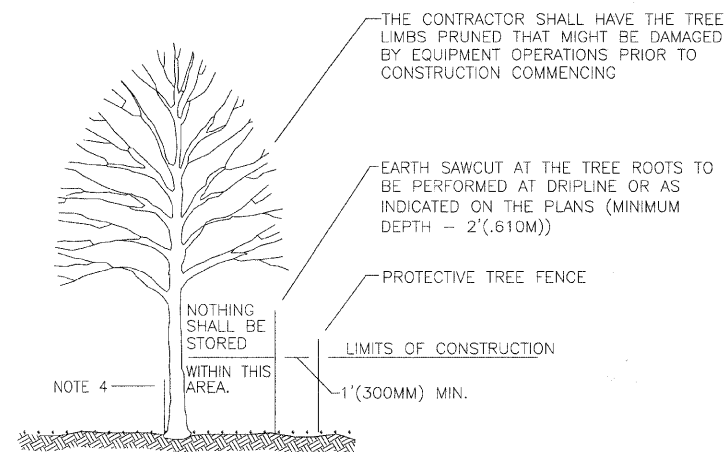
Item Code	Description 1	Description 2	DnB90SA		
			Qty	Qty	Qty
285 101 00140	ELBOW, 30°R STL 90 DEG 3"	GALVANIZED	2		
285 101 00180	ELBOW, 36°R STL 90 DEG 5"	GALVANIZED		2	
285 101 00210	ELBOW, 48°R STL 90 DEG 6"	GALVANIZED			2
285 102 00040	COUPLING, PVC 3"	LONG LINE SCH 40	2		
285 102 00110	COUPLING, PVC 5"	LONG LINE SCH 40		2	
285 102 00140	COUPLING, PVC 6"	LONG LINE SCH 40			2
285 199 00005	BRACKET, POLE, 3"	STANDOFF	1	1	1
285 199 00030	STRAP, 3" CONDUIT	WITH 2 BOLT, NUT & WASHERS	2		
285 199 00040	STRAP, 5" CONDUIT	WITH 2 BOLT, NUT & WASHERS		2	
285 199 00050	STRAP, 6" CONDUIT	WITH 2 BOLT, NUT & WASHERS			2
285 199 00070	CHANNEL, 12"	4-WAY T-SLOT	1	1	
285 199 00080	CHANNEL, 24"	4-WAY T-SLOT			1



ASSEMBLY CODES		
CODE	QTY	DESCRIPTION
DnB90SA	1	Standoff Bend Assembly
n is dependent on size		

NAPERVILLE PUBLIC UTILITIES DEPARTMENT ELECTRIC STANDARDS	STEEL BEND STUBS AT RISER POLE	DATE: 06-29-04 Page 1 of 1 C30-0320
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TREE PROTECTION DETAIL

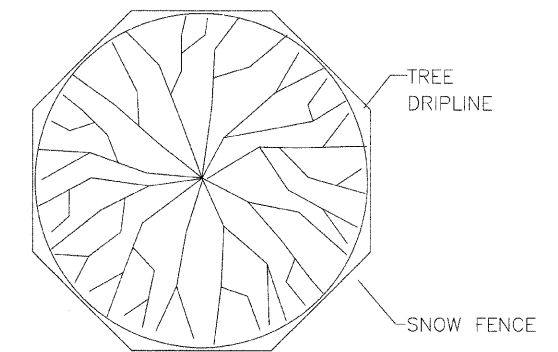


NOTE:

- 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	TREE PROTECTION DETAIL	DATE: 06-01-06 Page 1 of 1 56270-300
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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	RECOMMENDED PRACTICES FOR TREES TO BE SAVED	DATE: 06-01-06 Page 1 of 1 56270-310
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CITY OF NAPERVILLE/DEPARTMENT OF PUBLIC UTILITIES - ELECTRIC					
CALL J.U.L.I.E. 48 HRS. PRIOR TO CONSTRUCTION					
PROJECT TITLE	JEFFERSON ST. BRIDGE DUCTBANK INSTALLATION			MAP NO.:	CAD FILE:
PROJECT DESCRIPTION	DETAILS			DRAWN BY:	PROJECT NO.:
DATE	4-01-09	WORK REQUEST NO.	54679	CHKD:	SBC:
ISSUED	PSM	APPR:		SCALE:	COMPLETED BY:
REVISION	1	2	3	NTS	SHEET 24 OF 30