NOTE:
CONSULT LOCAL HEALTH AND BUILDING CODE AUTHORITIES BEFORE STARTING CONSTRUCTION.
EXTEND FOOTINGS TO FIRM BASE BELOW FROST LINE

FOUNDATION PLAN

STEEL I BEAM

20'-6" FOR 10" PIPE

11'-6"

WOOD BEAMS

16'-0"

10'-0" FOR 10" PIPE

PERSPECTIVE

STORAGE BIN FOR SAWDUST FROM SAWMILL
DIRECT LOADING INTO LARGE DUMP TRUCKS
CLEARANCE 14', EXCEPT FOR HIGH CUBE TRAILERS (13'-0" HIGH)—PROVIDE 15' CLEARANCE

FINISH

BIN CAN BE PAINTED, BUT IS BEST LEFT UNFINISHED. PRESERVE WOOD BY APPLICATIONS OF PENTACHLOROPHENOL (PENTA), ESPECIALLY TO PROTECT END GRAIN OF EXPOSED WOODEN PIECES.

DESIGN FROM BIN BUILT BY WADE COCHRAN, MUEKAN COUNTY

PLAN LAYOUT IN CONSULTATION WITH ROE S. COCHRAN

FOUNDATION DETAIL
CROSS SECTION

ANCHOR RISNS
CONCRETE FILL
STEEL PLATE
CONCRETE PAD
SOIL BASE

3500 CU FT

BASED ON: PENN STATE UNIV. PLAN NO. 760-380

COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS

UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATIVE

ELEVATED SAWDUST BIN

FA 77

6276 SHEET 1 OF 3
NOTE
Pipe sized rough lumber to be used, oak suggested.
Dek liner: 1/4" ext. plywood or 1/2" liner lined with 20 ga. galvanized steel.

END VIEW

Standard Pipe, Schedule 40, 0.365" Wall

SIDE VIEW