

STANDARD SYMBOLS FOR ENGINEERING MAPS AND PLANS USED ON PL-566 SMALL FLOODWATER RETARDING DAMS

Watershed boundary		Earthfill area		Protective dike	
Section line (label)		Plastic Netting		Bench mark or temporary bench mark	
Section corner		Sediment basin (label)		Groundline (label)	
Section center		Farm buildings		Centerline (label)	
Public road (label)		Farmstead		Contours	
Private road		Well (label)		Clearing and Grubbing	
Bridge		Windmill		Clearing	
Culvert		Intermittent stream		Approximate limits borrow area (label)	
Power line (label "Buried" if underground)		Grassed waterway or outlet		Work limits (label)	
Telephone line (label "Buried" if underground)		Depression or sink hole		Inclusion tie	
Pipeline (label)		Marsh		Ingress - egress road	
Property line		Reservoir or pond with dam		North arrow	
Existing fence		Terrace		Embankment or cut slopes	
Fence to be constructed		Diversion		Right of Way	
Fence to be removed		Tile drain or underground outlet		Railroad tracks	
Brush pile for habitat or brush dam		Silt Fence		Bar scale (Show actual scale of drawing)	

Note: For features that are not shown above, label them on the drawings.

LEGEND FOR GEOLOGIC INVESTIGATION USED ON PL-566 SMALL FLOODWATER RETARDING DAMS

ABBREVIATIONS

bld.	boulders (>12")
cbl.	cobbles (3"-12")
u.s.	upstream
d.s.	downstream
wea.	weathered
w.l.	(date) static water level

G	gravel, gravelly
S	sand, sandy
M	silt, silty
C	clay, clayey
O	organic
W	well graded
P	poorly graded
ls	limestone
ss	sandstone
sh	shale
slst	siltstone
coal	coal
dol	dolomite

UNIFIED SOIL CLASSIFICATION SYSTEM SYMBOLS

GW	Well graded gravels; gravel-sand mixtures
GP	Poorly graded gravels
GM	Silty gravels; gravel-sand-silt mixtures
GC	Clayey gravels; gravel-sand-clay mixtures
SW	Well graded sands; sand-gravel mixtures
SP	Poorly graded sands
SM	Silty sand
SC	Clayey sands; sand-clay mixtures
ML	Silts with liquid limit of 50 or less
MH	Silts with liquid limit above 50
CL	Clays with liquid limit of 50 or less
CH	Clays with liquid limit above 50
OL	Organic silts and clays with liquid limit of 50 or less
OH	Organic silts and clays with liquid limit above 50

TEST HOLE NUMBERING SYSTEM

Centerline of dam	2001-2099
Borrow area	2101-2199
Auxiliary spillway	2201-2299
Centerline of outlet structure	2301-2399
Stream channel	2401-2499

Other Symbols

	backhoe pit		strike and dip
	backhoe pit sampled		pit or trench

DRAFT
NOT FOR
CONSTRUCTION

Date	
Designed	
Drawn	
Checked	
Approved	



File Name	
Drawing Name	29-N-400A
Sheet	of