

Technical drawing of a manhole structure. The drawing shows a cross-section of a manhole with a circular opening. The opening is labeled "Type 'B' C.I. Fr. & Cover". The manhole structure is shown with dimensions: 8" for the top flange, 4'-0" for the main body, and 8" for the bottom flange. The manhole is shown with a 24" RCP (Reinforced Concrete Pipe) section on the left and an 18" RCP section on the right. The 24" RCP section is labeled "Existing 24" RCP shall be connected to SDMH as shown". The 18" RCP section is labeled "Existing 18" RCP". The drawing also shows a 3'-0" vertical section and an 8" horizontal section. The drawing is a technical drawing of a manhole structure, showing a cross-section of a manhole with a circular opening. The opening is labeled "Type 'B' C.I. Fr. & Cover". The manhole structure is shown with dimensions: 8" for the top flange, 4'-0" for the main body, and 8" for the bottom flange. The manhole is shown with a 24" RCP (Reinforced Concrete Pipe) section on the left and an 18" RCP section on the right. The 24" RCP section is labeled "Existing 24" RCP shall be connected to SDMH as shown". The 18" RCP section is labeled "Existing 18" RCP". The drawing also shows a 3'-0" vertical section and an 8" horizontal section. The drawing is a technical drawing of a manhole structure, showing a cross-section of a manhole with a circular opening. The opening is labeled "Type 'B' C.I. Fr. & Cover". The manhole structure is shown with dimensions: 8" for the top flange, 4'-0" for the main body, and 8" for the bottom flange. The manhole is shown with a 24" RCP (Reinforced Concrete Pipe) section on the left and an 18" RCP section on the right. The 24" RCP section is labeled "Existing 24" RCP shall be connected to SDMH as shown". The 18" RCP section is labeled "Existing 18" RCP". The drawing also shows a 3'-0" vertical section and an 8" horizontal section.

Technical drawing of a V-shaped drainage ditch cross-section. The ditch is filled with riprap. Dimensions include a top width of 1'-0"±, a bottom width of 1'-0"±, and a height of 1'-0"±. The sides are labeled "Conform to existing slope". The ditch is shown on a cross-section of "Existing Ground".

Diagram illustrating a cross-section of a T-shaped cut-off wall. The wall is 5'-0" high and 1'-0" thick. The top horizontal section is 1'-0" wide. The wall is filled with a stone or rubble pattern. A note indicates that a cut-off wall 5' deep is required all around the beginning of a lined ditch.

GRP LINED DITCH AT STA. 5+10.5 LT.

Hand-drawn technical drawing of a manhole structure. The drawing shows a cross-section of a manhole with a concrete frame and cover. Key dimensions include a total width of 4'-3" and a total height of 4'-0". The manhole opening is 3'-0" wide and 3'-0" high. The structure is made of Class "A" Concrete. A 10" RCP (Reinforced Concrete Pipe) is shown at the bottom, with an existing invert of 39.89 feet. A 12" o.c. (on center) reinforcement is shown at the top. A GFRP Lined Ditch is shown on the right side. The drawing also indicates an existing 10" RCP shall be connected to the SDMH as shown.

Hand-drawn cross-section diagram of a gutter installation. The diagram shows a gutter channel with a 4-inch concrete gutter on the left, a 6-inch aggregate subbase in the middle, and a 5% slope on the right. Dimensions include 10'-0" for the gutter width, 6'-0" for the subbase width, and 2'-0" for the gutter depth. A 2:1 slope is indicated for the gutter channel. A note states "E.P. *Shoulder Varies". A separate note says "*Also applies to section between Sta. 3+25 to Sta. 5+07±". The gutter is labeled "4" Concrete Gutter w/ 6x6 x 19% Wire Mesh Reinf. (incidental to Type 2 (G1E18) Gutter)". The subbase is labeled "6" Aggregate Subbase w/ Bituminous Surface Treatment (Limit - Sta. 0+00 to Sta. 5+07±)". The gutter is labeled "Conc. Gutter Type 2 (G1E18)". The slope is labeled "5%". The gutter is labeled "2:1". The gutter is labeled "Existing Ground".

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Note:

1. In area of retaining wall, Sta. 3+61 ± Lt. to Sta. 4+63 ± Lt., top of cut shall be at 8'-0" away from retaining wall.

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