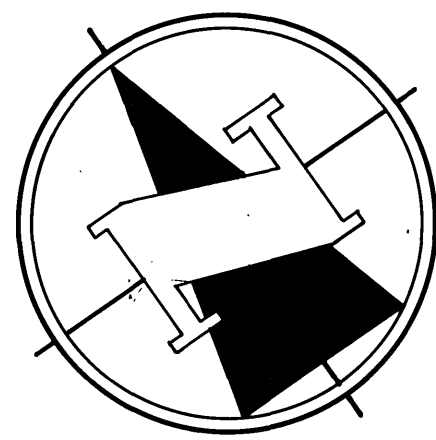


FOR CONTINUATION SEE SHT. 4
FOR PROFILE, SEE SHT. 4



30 MG HOLDING BASIN

DITCH OUT TO EX. GRADE
WITH 2:1 EARTH CHANNEL
& 2:1 MAX. SIDE SLOPES

DRAIN TO DAYLIGHT
4" N.P.W.
(FOR CONT. SEE SHT. 4)

PROVIDE 4" GRAVEL
DRIVEWAY (BY OTHERS) UNDER CITY
CONTRACT # 18-08

CONSTRUCT 4" DILUTION LINE,
6" SLUDGE LINE, AND POWER
AND CONTROL CABLE IN SAME
TRENCH. SEE TYPICAL TRENCH
INSTALLATION DETAIL SHT. 7
FOR CONTINUATION OF
PIPING PLAN, SEE SHT. 4
FOR ELEC. SITE PLAN,
SEE SHT. 27

PROVIDE 4" ROUNDED
BITUMINOUS FLUME AS
SHOWN MIN. DEPTH 6"
PROVIDE POSITIVE DRAINAGE.

CURVE DATA

CURVE NO. 1
$\Delta = 180^{\circ}00'00''$
$R = 70.50'$
$T = \infty$
$A = 221.48'$

CURVE NO. 2
$\Delta = 60^{\circ}00'00''$
$R = 70.50'$
$T = 40.70'$
$A = 73.83'$

CURVE NO. 3
$\Delta = 120^{\circ}00'00''$
$R = 70.50'$
$T = 122.11'$
$A = 147.65'$

GENERAL NOTES

- ALL 4, 6 & 8 IN. MAINS SHALL BE CEMENT LINED DUCTILE IRON, MIN. CL. 52
- ALL 2" MAINS & SMALLER SHALL BE GALVANIZED STEEL.
- THE EXIST. FENCE MAY BE SALVAGED AND REUSED ON THIS CONTRACT. EXCESS FENCING MATERIAL REMOVED TO BE ROLLED AND STORED AS DIRECTED BY THE ENGINEER. SEE CONTRACT SPECIFICATIONS.
- NEW CHAIN LINK FENCING TO MATCH EXISTING FENCE IN HEIGHT. WHERE NEW FENCE MEETS EXISTING FENCE MAKE COMPLETE CONNECTION (CLOSURE) WITHOUT ANY OPENINGS. RESET EXIST. FENCE AS MAYBE REQUIRED DUE TO GRADING. SEE CONTRACT SPECIFICATIONS.
- WARP PAVEMENT AND SPILL GUTTER AS REQUIRED TO PROVIDE POSITIVE DRAINAGE TO INLET STRUCTURES AND OUTFALL.
- PROVIDE AN EROSION CONTROL FABRIC (HOLD/GRO, OR EQUAL) LINER FOR ALL STORM DRAINAGE DITCHES TO A MINIMUM DEPTH OF 2.0' AND A MINIMUM WIDTH OF 2.0'. SEED AND MULCH ALL OTHER AREAS DISTURBED BY THIS CONSTRUCTION.
- THE LOCATIONS OF EXISTING UTILITIES WERE OBTAINED FROM AVAILABLE RECORDS. IMMEDIATELY AFTER AWARD OF THE CONTRACT, AND PRIOR TO ANY PIPE LAYING, THE CONTRACTOR SHALL DIG TEST PITS AT ALL UTILITY CROSSINGS AND CONNECTIONS TO DETERMINE THE EXACT LOCATION, HORIZONTALLY AND VERTICALLY.
- UNLESS OTHERWISE NOTED, MAINTAIN MINIMUM 3.5' COVER ON ALL LINES.
- BLOCK ALL BENDS (PRESSURE) SHOWN THUS ©, AND ALL BENDS (PRESSURE) WHERE FIRM UNDISTURBED BEARINGS CAN BE OBTAINED, WITH CONCRETE, SEE DETAILS SHEET 8. HARNESS ALL OTHER BENDS (PRESSURE) WITH MECHANICAL JOINT RETAINER GLANDS, SEE DETAIL SHEET 8.

LEGEND

EXIST. CONTOUR	----- 923 -----
NEW CONTOUR	----- 20 -----
EXIST. FENCE	----- x ----- x -----
NEW FENCE	----- o ----- o -----

BENCH MARK (NOT SHOWN) ELEV. 912.35
"CROSS" CUT IN BASE OF STREET LIGHT POLE
EAST SIDE OF PLANT ENTRANCE

UNDERHILL AVE.

SPRUCE ST.

Dewberry & Davis

ENGINEERS ARCHITECTS PLANNERS SURVEYORS

8411 Arlington Boulevard Fairfax, Virginia 22031 Telephone 703-560-1100
19201 Montgomery Village Ave. Gaithersburg, Md. 20760 Tele. 301-948-4120

PREPARED FOR
CITY OF ROANOKE
ROANOKE, VIRGINIA

CITY OF ROANOKE WASTEWATER TREATMENT PLANT
SLUDGE DEWATERING FACILITIES

SITE PLAN

SCALE: 1" = 30' - 0"	SHEET 5 OF 33
DATE: AUG. 1981	FILE NUMBER PP 2967
DESIGNED BY: RLN	
DRAFTED BY: DPC	

NO.	DATE	DESCRIPTION
REVISIONS		
2		
1		