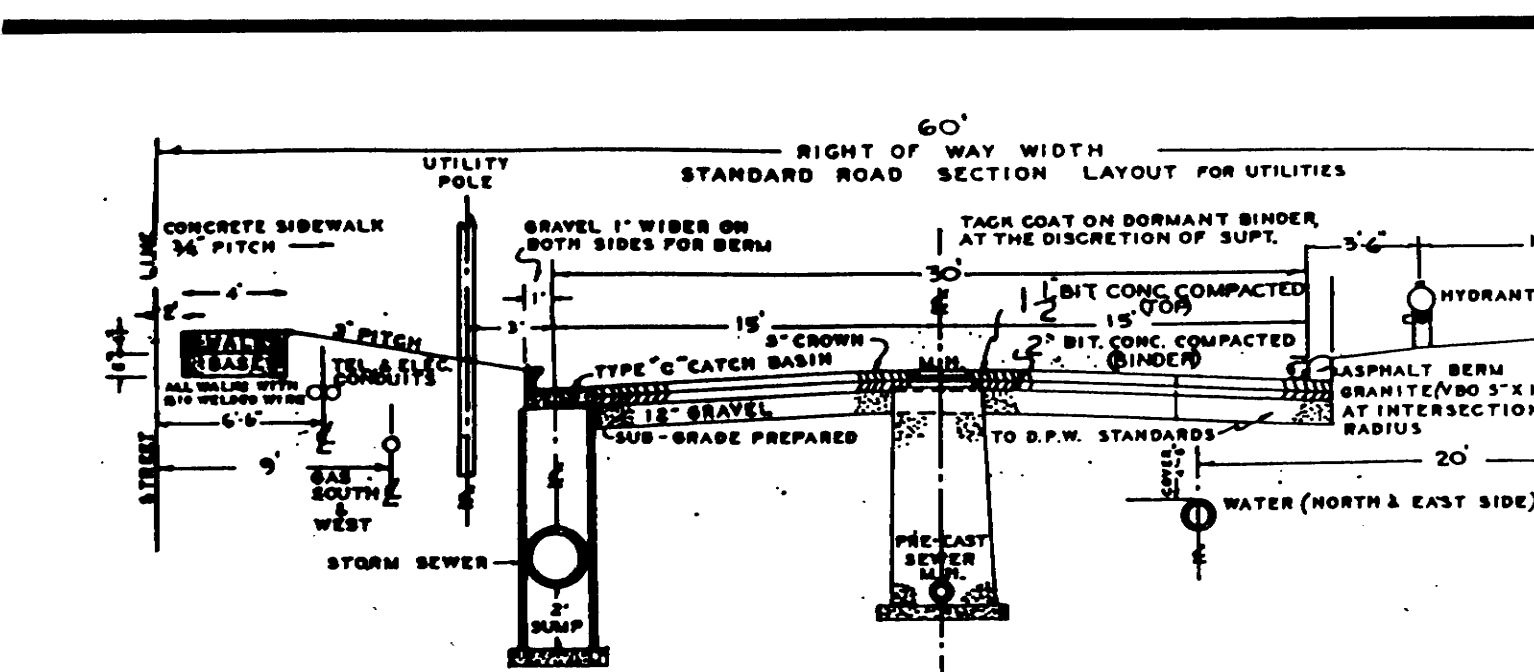
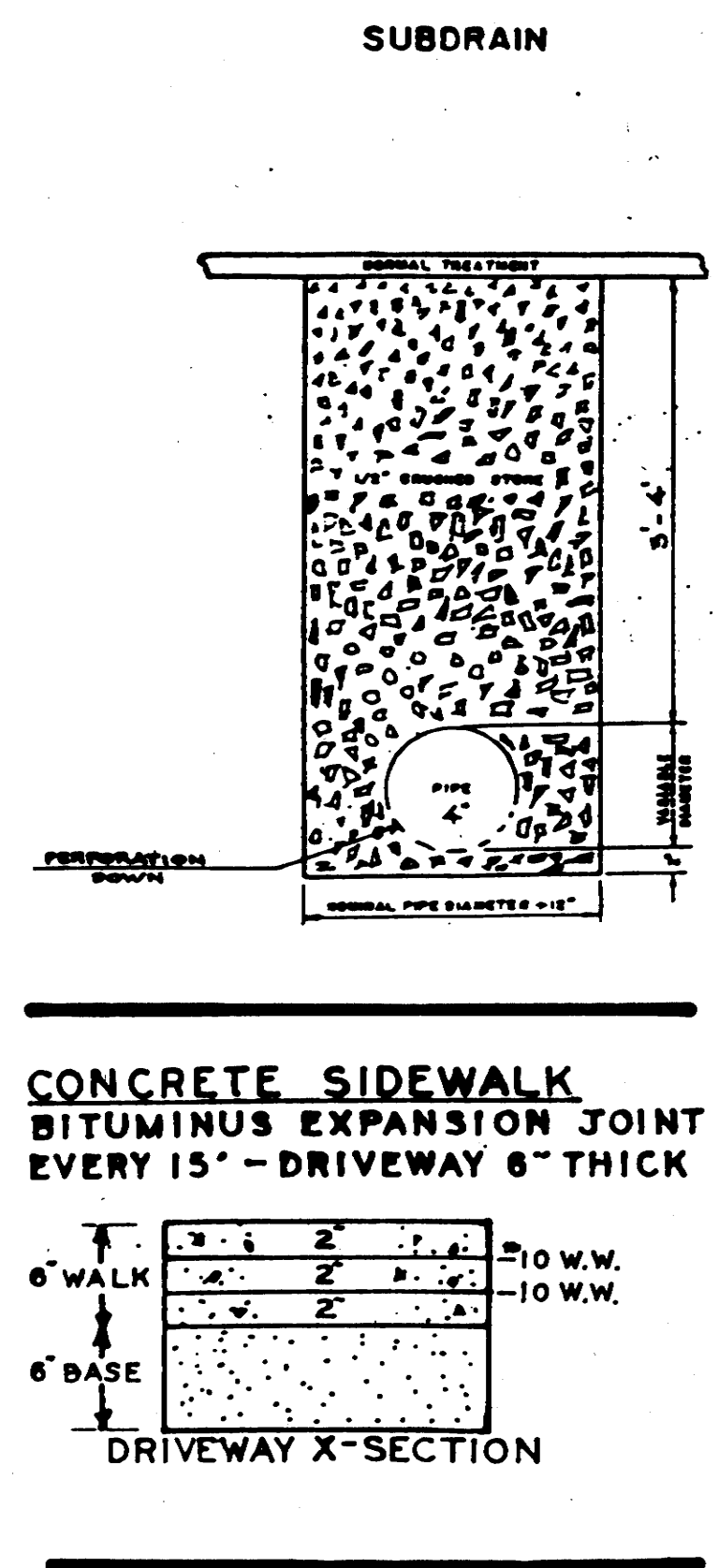
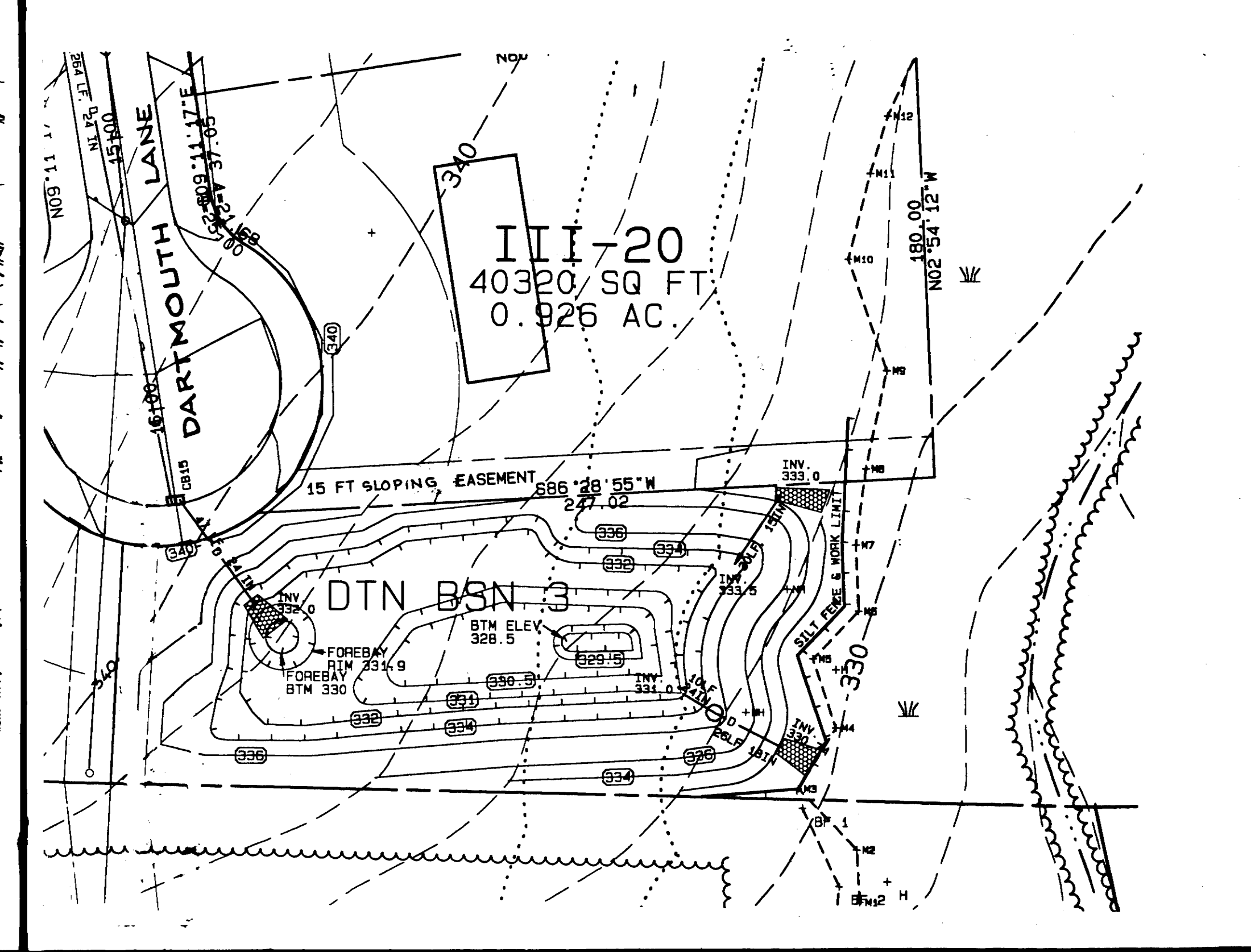
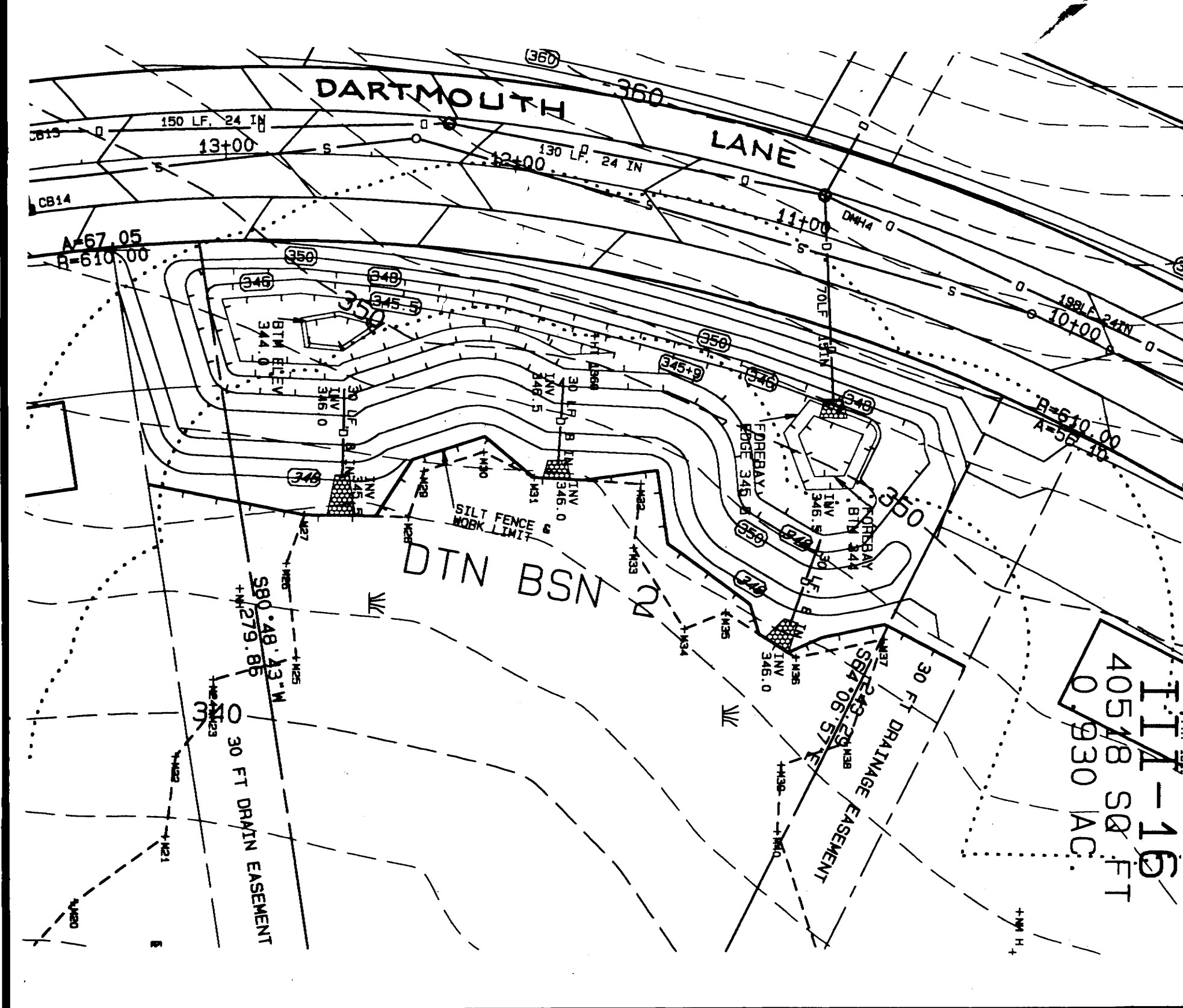
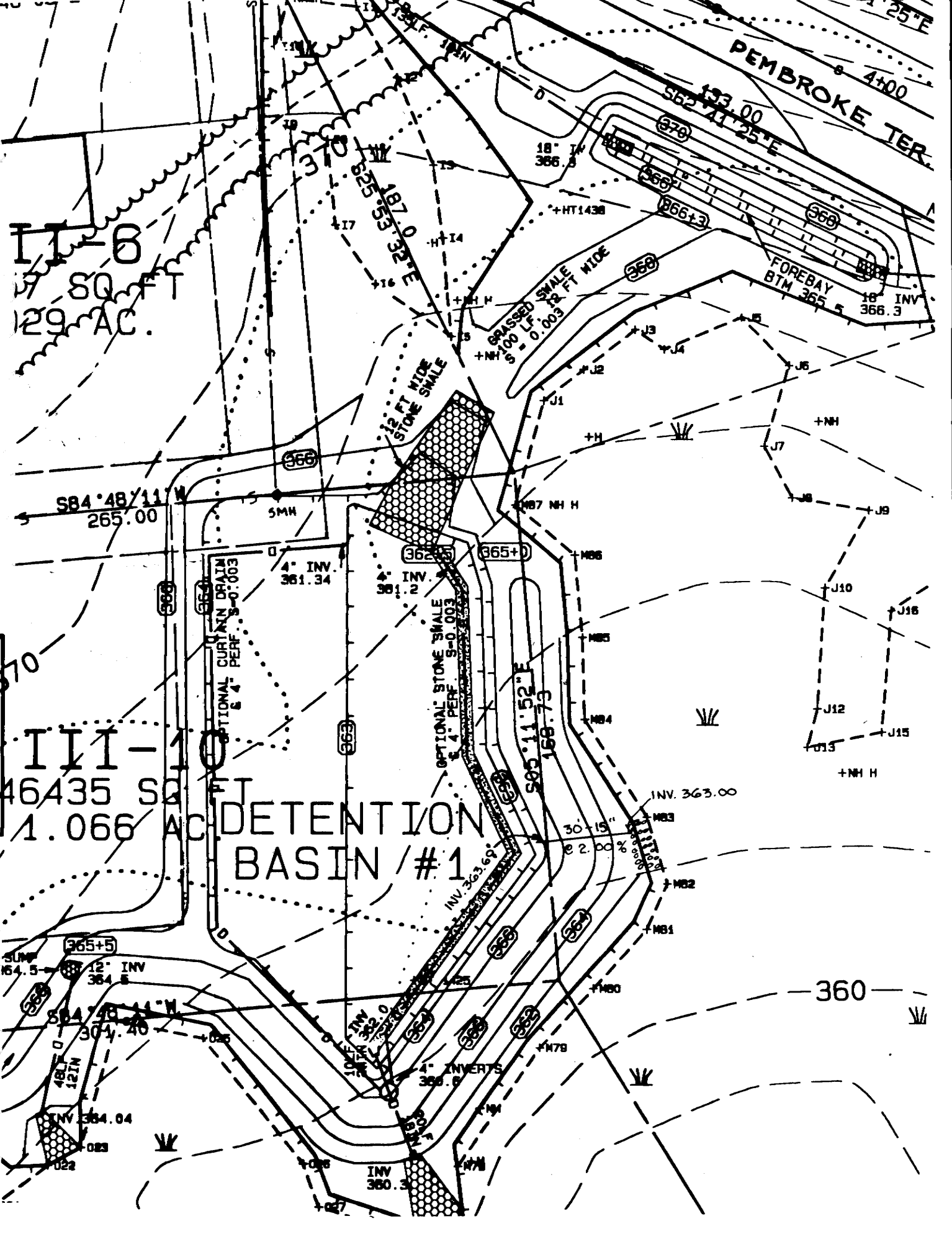
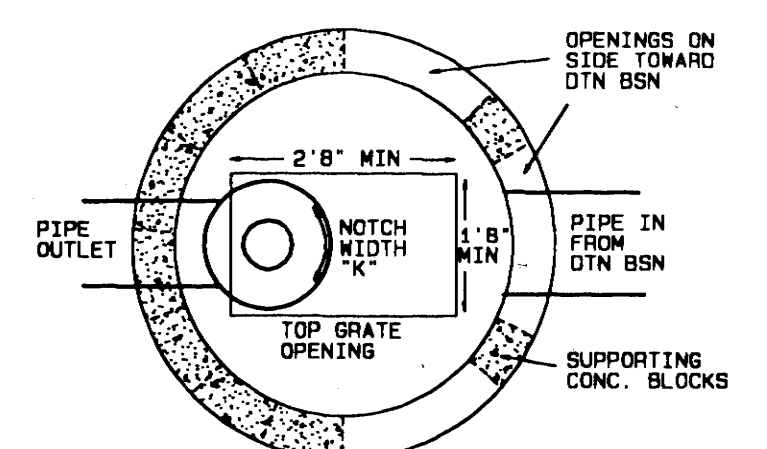
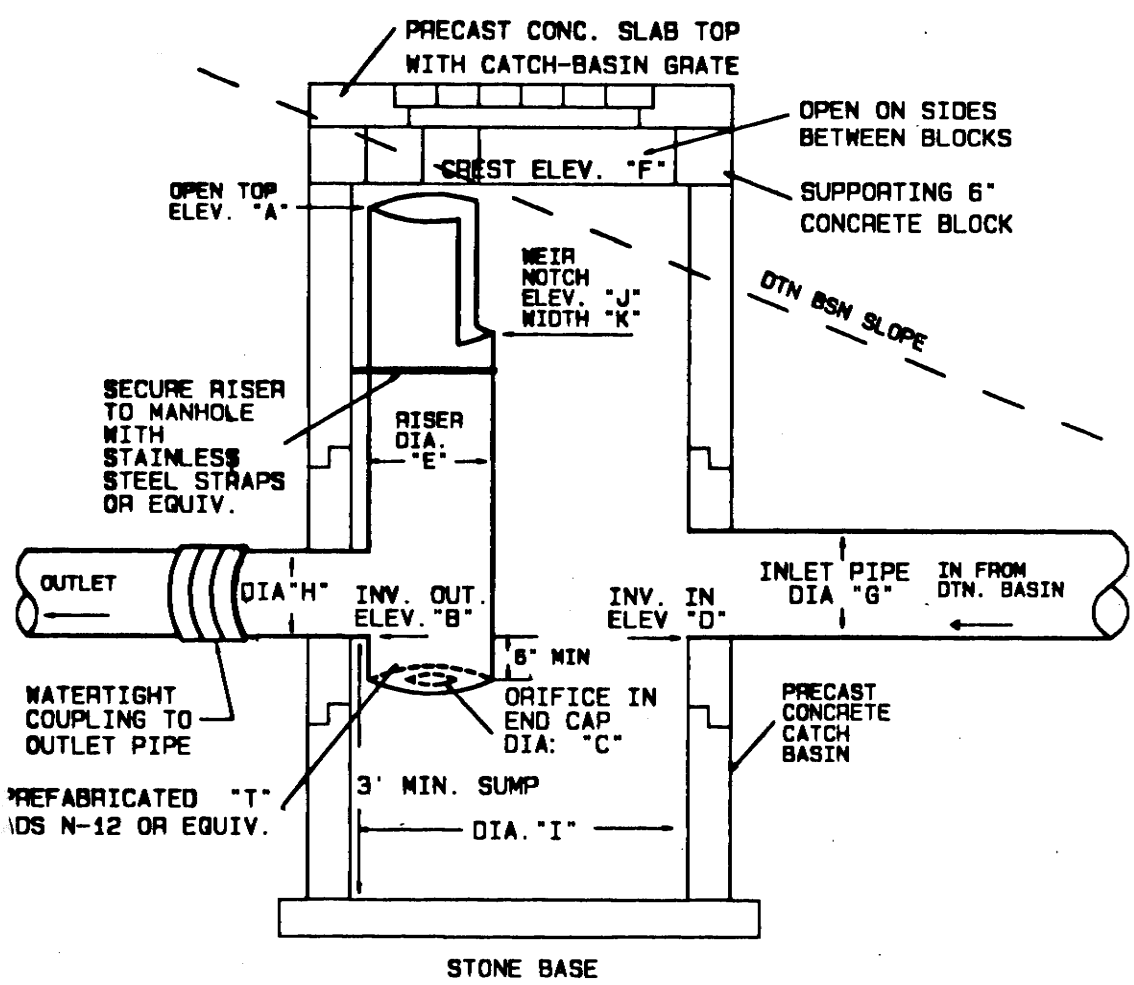


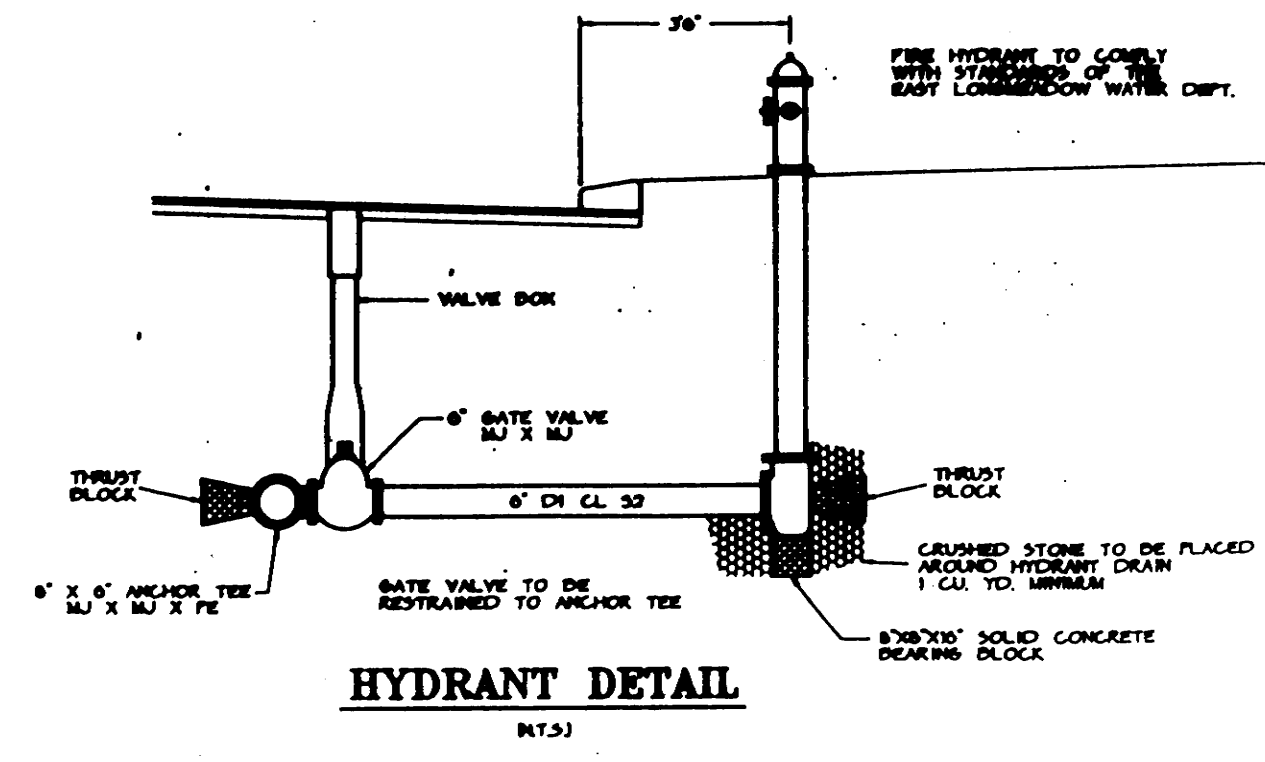


GRAVEL BASE
TO BE STABILIZED WITH CALCIUM CHLORIDE AND
COMPACTED WITH ROLLER WEIGHING 8 TON OR MORE

**OUTLET CONTROL STRUCTURE
FOR DETENTION BASINS**
NO SCALE



DTN BSN ID:	DTN BSN 1	DTN BSN 3
TOP OF RISER "A"	364.7	334.5
INVERT OUT "B"	360.5	331.0
ORIFICE DIA. "C"	8 IN.	6 IN.
INVERT IN "D"	361.8	331.0
RISER DIA. "E"	24 IN.	24 IN.
CREST ELEV. "F"	364.7	334.5
INLET DIA. "G"	24 IN.	24 IN.
OUTLET DIA. "H"	18 IN.	18 IN.
BASE DIA. "I"	5 FT.	5 FT.
WEIR ELEV. "J"	363.6	333.9
NOTCH WIDTH "K"	1.5 FT.	1.5 FT.



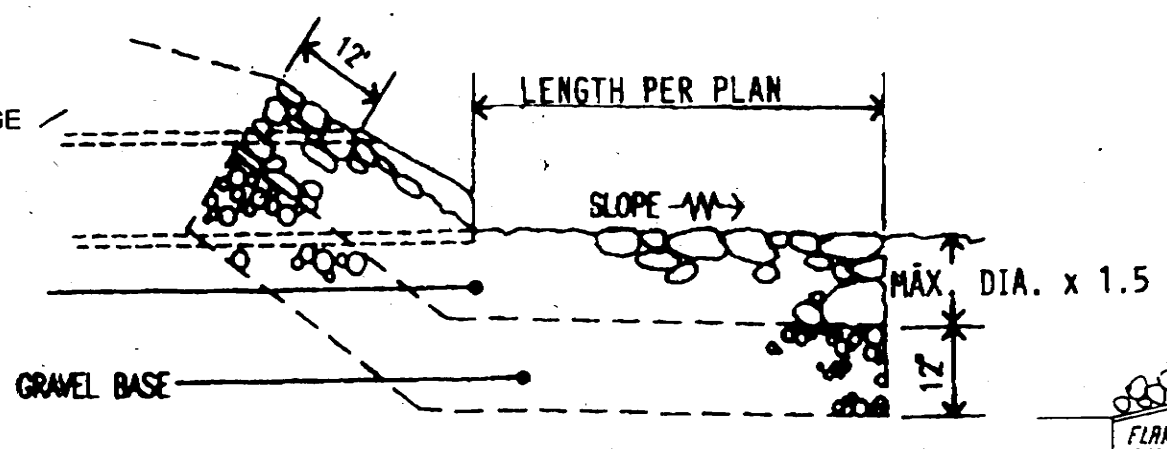
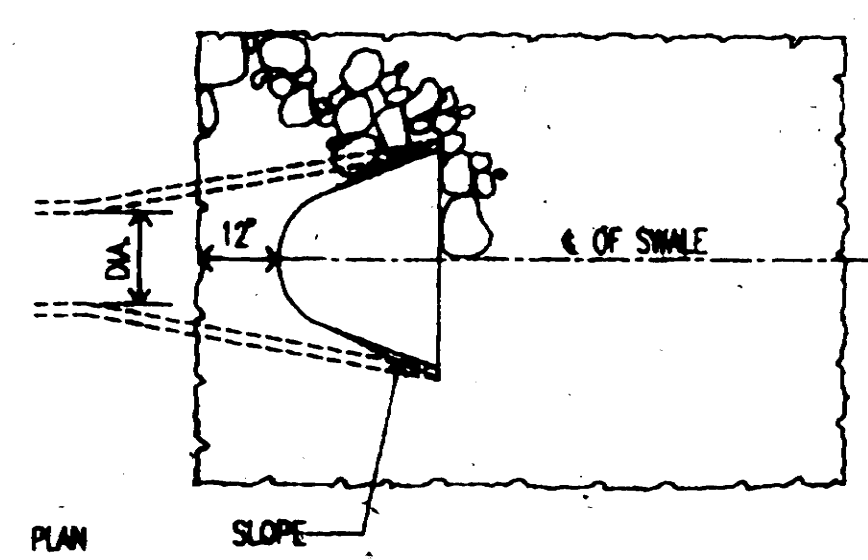
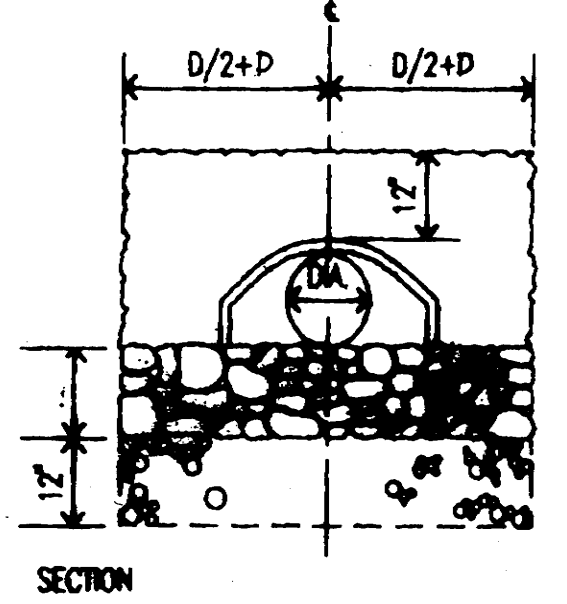
HYDRANT DETAIL
INT-3

STONE SIZES FOR PIPE OUTLET PROTECTION:

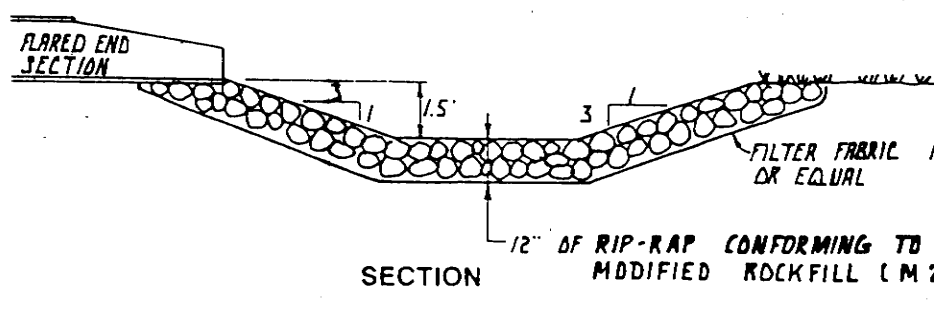
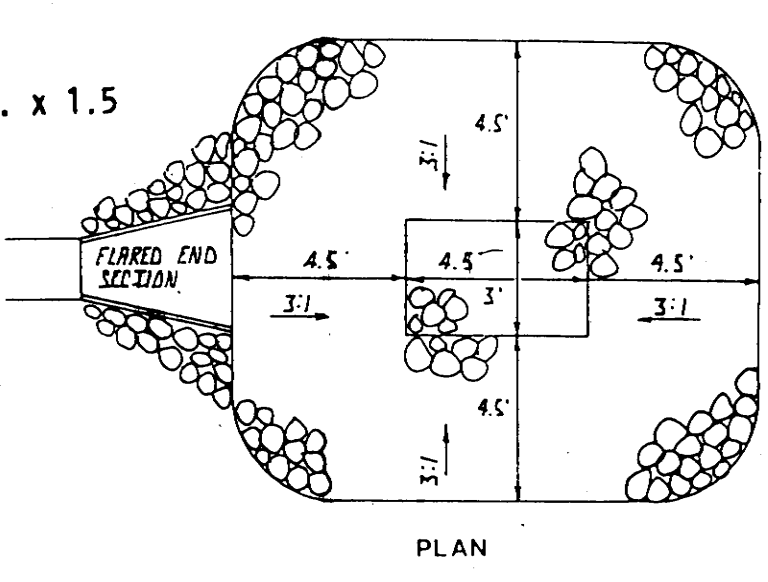
OUTLET LOCATION:	MINIMUM STONE D50 (IN)	MIN. STONE LENGTH*	MIN. STONE WIDTH**
DTN BSN 1 PRIMARY OUTLET	11	24	14
DTN BSN 1 SECONDARY	5	16	10
DTN BSN 2 (3 OUTLETS)	6	12	7
DTN BSN 3 PRIMARY OUTLET	9	22	13
DTN BSN 3 SECONDARY	5	16	10
DIVERSION FROM SWALE	2	10	7
CB2 TO FOREBAY R1	7	20	13
CB4 TO FOREBAY R2	15	27	15
CB8 TO FOREBAY R7	4	16	10
DMH3 TO FOREBAY	13	23	13
CB15 TO FOREBAY R18	17	33	19

* WHERE FOREBAY HAS STANDING WATER, CARRY
STONE TO 1 FT DEPTH OR CALCULATED LENGTH,
WHICHEVER IS LESS.
** WIDTH AT DOWNSTREAM END. WIDTH AT PIPE
OUTLET = 3X DIA.

STONE APRON AT PIPE OUTLETS

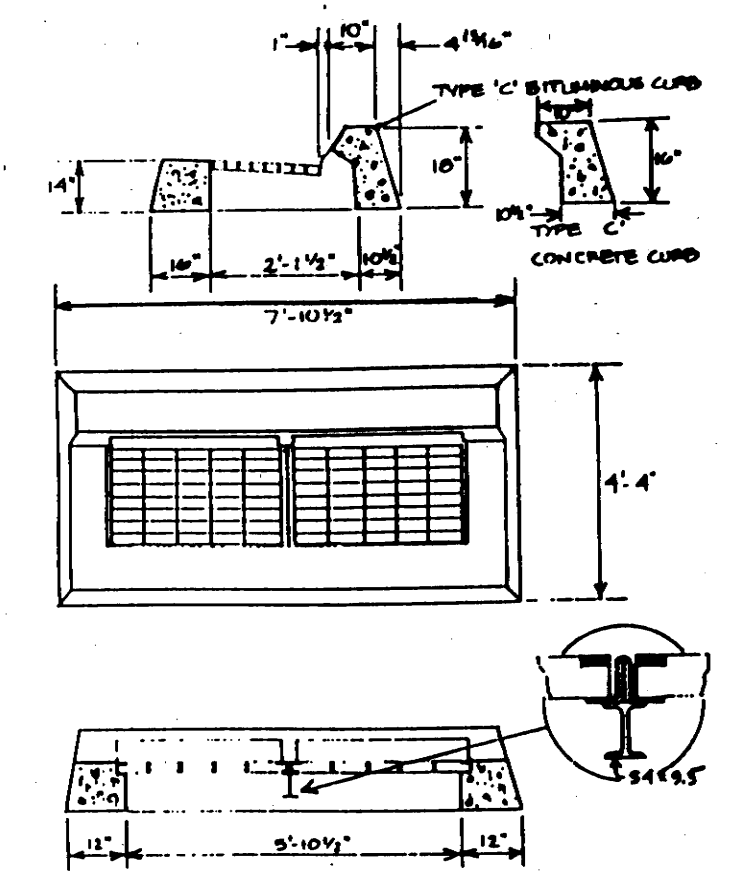


TYPICAL STILLING BASIN DETAIL

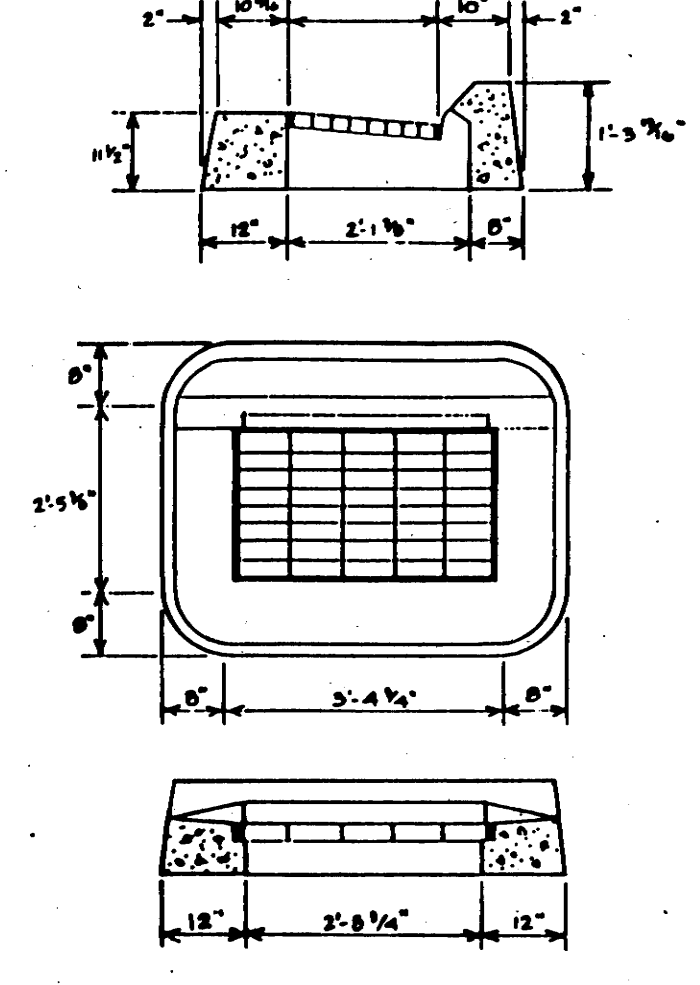


NOTE:

THE OPEN SPACE, THE DETENTION PONDS AND THE DRAINAGE SWALE'S
AS SHOWN ON THESE SUBDIVISION PLANS WILL BE CONVEYED TO A
HOMEOWNERS ASSOCIATION WHICH WILL BE RESPONSIBLE FOR THE
MAINTENANCE OF THESE AREAS. ALSO THE ISLAND AT THE BOULEVARD
ENTRANCE AT PROSPECT STREET WILL BE MAINTAINED BY THIS
HOMEOWNERS ASSOCIATION.



**AC - DOUBLE
'C' TYPE II**



**AC - CATCH BASIN
MASSACHUSETTS TYPE "C"**

DETAIL SHEET

PEMBROKE TERRACE
DARTMOUTH LANE
EAST LONGMEADOW, MA.

"GREATWOODS"
PHASE III
OWNED BY

SIVAD NOMINEE TRUST

PREPARED FOR

DAN ROULIER & ASSOCIATES, INC.

REVISED 9/10/97 9/26/97 12/12/97

SCALE: AS NOTED FT./IN.

DATE: JULY 1997

**SMITH ASSOCIATES
SURVEYORS, INC.**

165 SHAKER RD., EAST LONGMEADOW, MASS 01026

SD 244