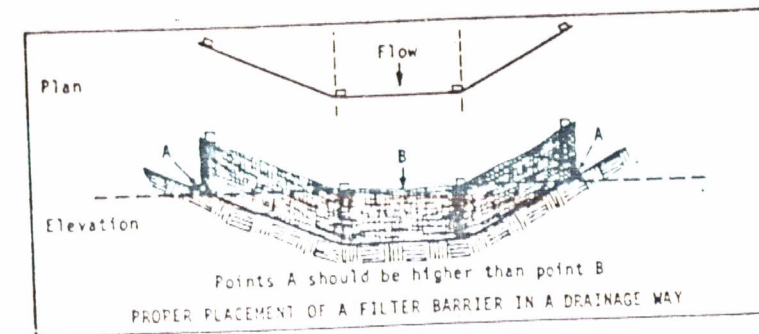
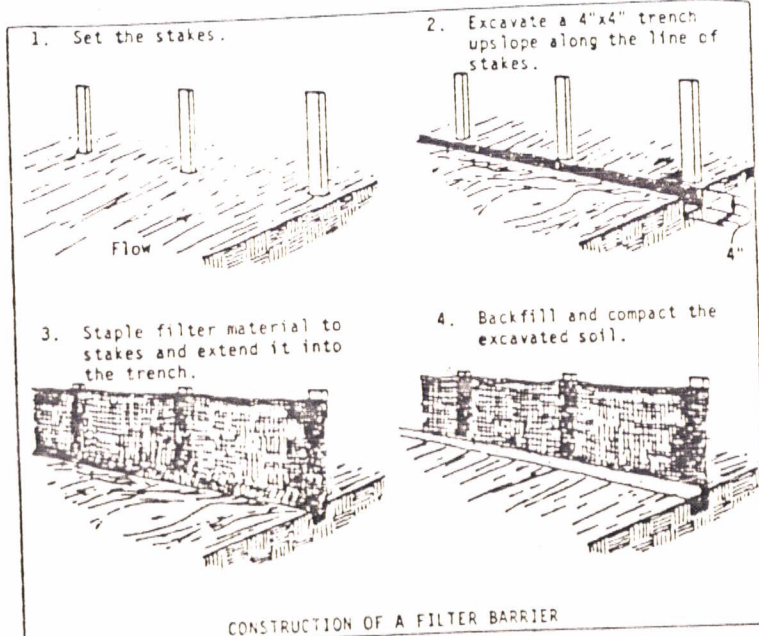
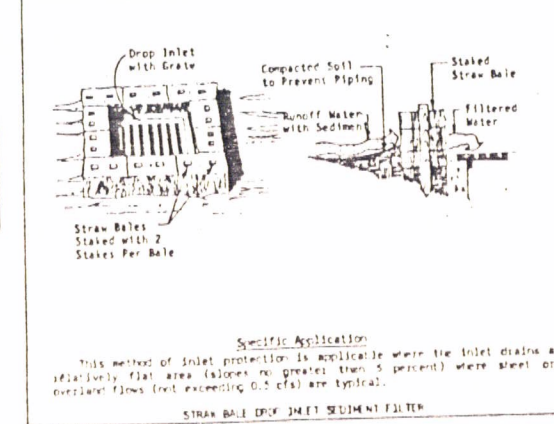
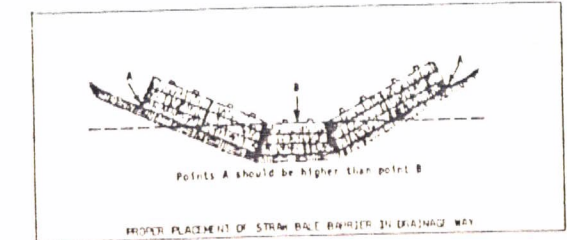
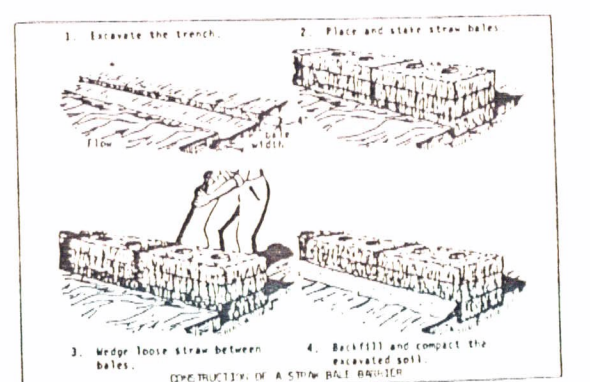


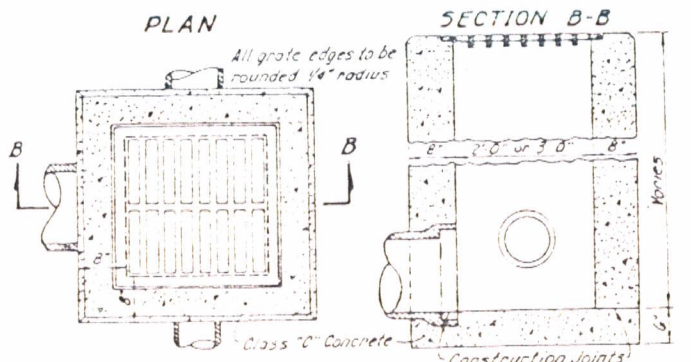
SILT FENCE DETAIL



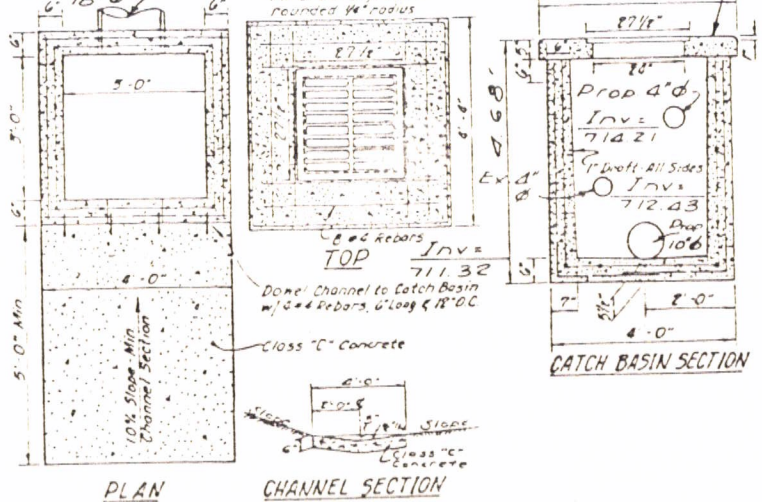
STRAW BALES DETAIL



CATCH BASIN DETAILS

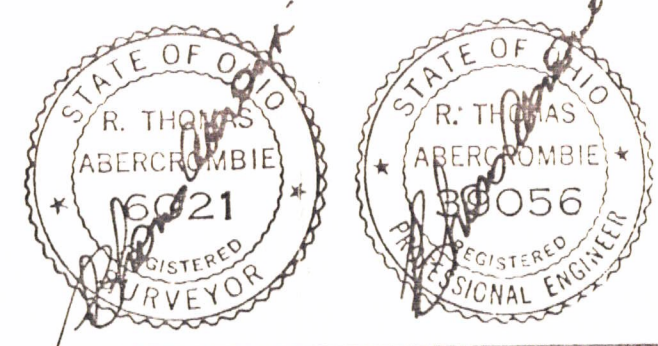


DETENTION STRUCTURE DETAIL



NOTES:
1. ALL GRADED AREAS THAT HAVE BEEN EXPOSED OR LEFT BARE AS A RESULT OF CONSTRUCTION AND ARE TO REMAIN SO, SHALL BE SEEDING AND MULCHED AS SOON AS POSSIBLE IN ACCORDANCE WITH STATE HIGHWAY ITEM 605.
2. EROSION CONTROL WILL BE ACCOMPLISHED BY STRATEGICALLY PLACING STRAW BALES AND OR SILT FENCES IN SWALES AND RUNOFF AREAS, SUCH BALES OR SILT FENCES TO BE REPLACED AND EXPANDED AS NECESSARY TO AFFORD NECESSARY EROSION CONTROL.
3. STRAW BALES AND SILT FENCES TO BE ENTRENCHED 4-6 INCHES BELOW GRADE.

BOUNDARY, TOPOGRAPHIC & UTILITY SURVEY
LOT 22 & 23
COMMERCE PARK TRI-COUNTY



REVISIONS		SEC. 8, T-2, R-2 UNION TOWNSHIP BUTLER COUNTY, OHIO	
1	11-18-92	Abercrombie & Associates, Inc. CIVIL ENGINEERS & SURVEYORS 5880 Colerain Avenue • Cincinnati, Ohio 45239	
2	2-11-92		
DATE	9-10-92	SCALE	1"=40'
DRAWN	84-945	DATE	9-10-92
CHECKED		DATE	
APPROVED		DATE	

ALL GRADED AREAS THAT HAVE BEEN EXPOSED OR LEFT BARE AS A RESULT OF CONSTRUCTION AND ARE TO FINAL GRADE AND ARE TO REMAIN SO, SHALL BE SEEDED AND MULCHED AS SOON AS POSSIBLE IN ACCORDANCE WITH STATE HIGHWAY ITEM 659.

EROSION CONTROL WILL BE ACCOMPLISHED BY STRATEGICALLY PLACING STRAW BALES IN SWALES AND RUNOFF AREAS. STRAW BALES WILL BE REPLACED AND EXPANDED AS NECESSARY TO AFFORD NECESSARY CONTROL.

STAKED STRAW BALES TO BE ENTRENCHED 6 INCHES BELOW GRADE.

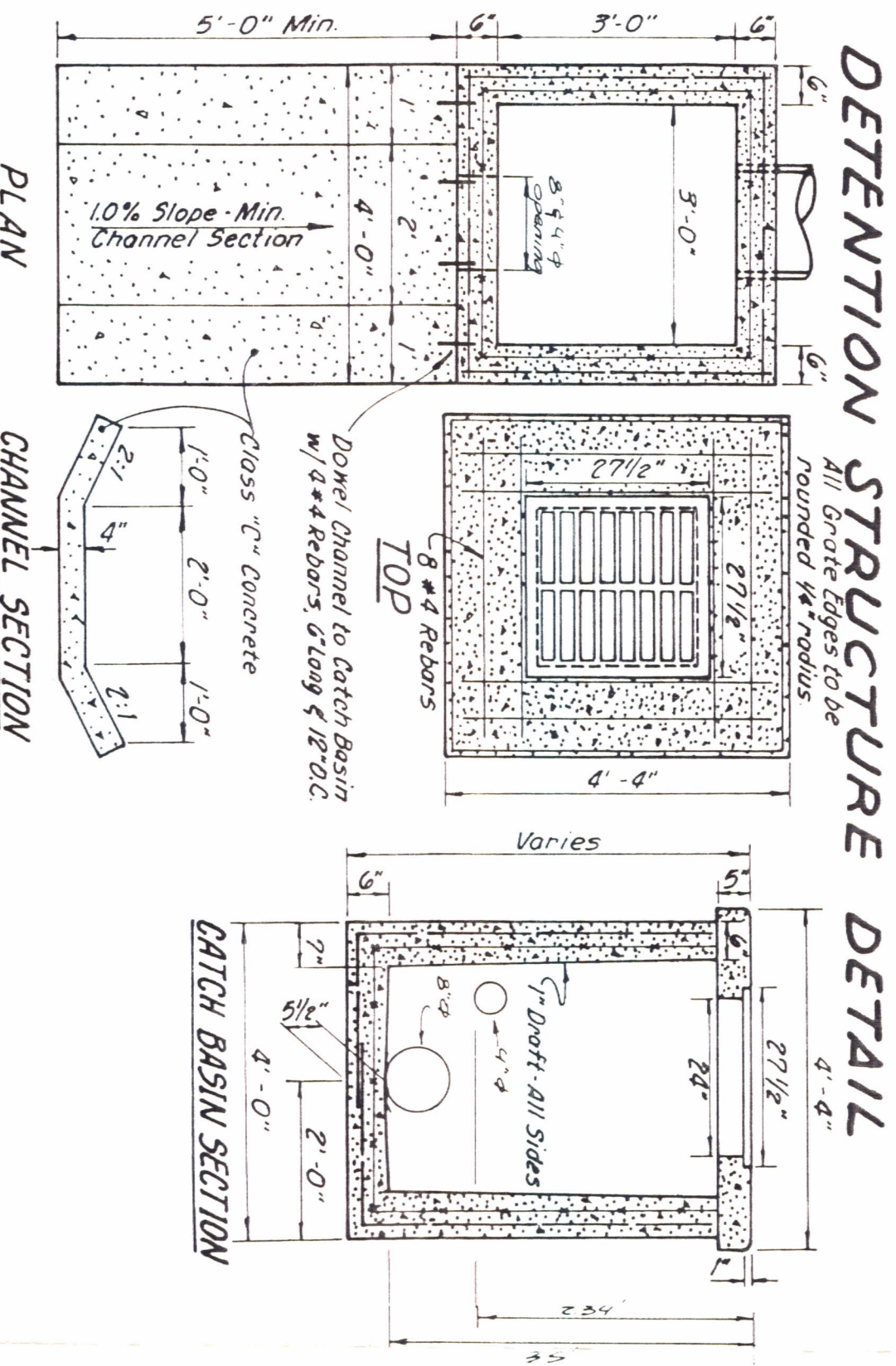
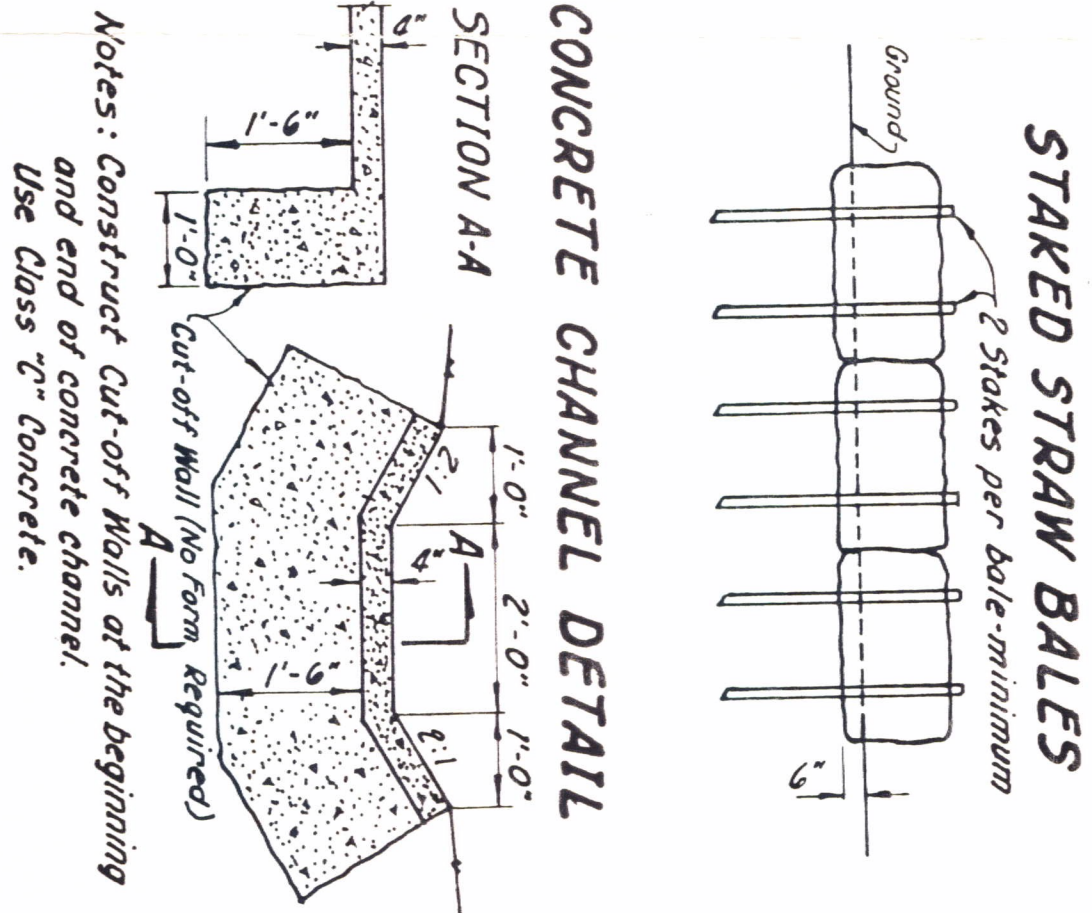
THE BOTTOM OF THE DETENTION BASIN SHALL BE BROUGHT BACK TO ORIGINAL GRADE AFTER CONSTRUCTION BY REMOVING ALL DEPOSITED SEDIMENT BEFORE THE BASIN IS SEEDED AND MULCHED.

DETENTION BASIN AND FILL AREAS GRASS SEED MIXTURE:

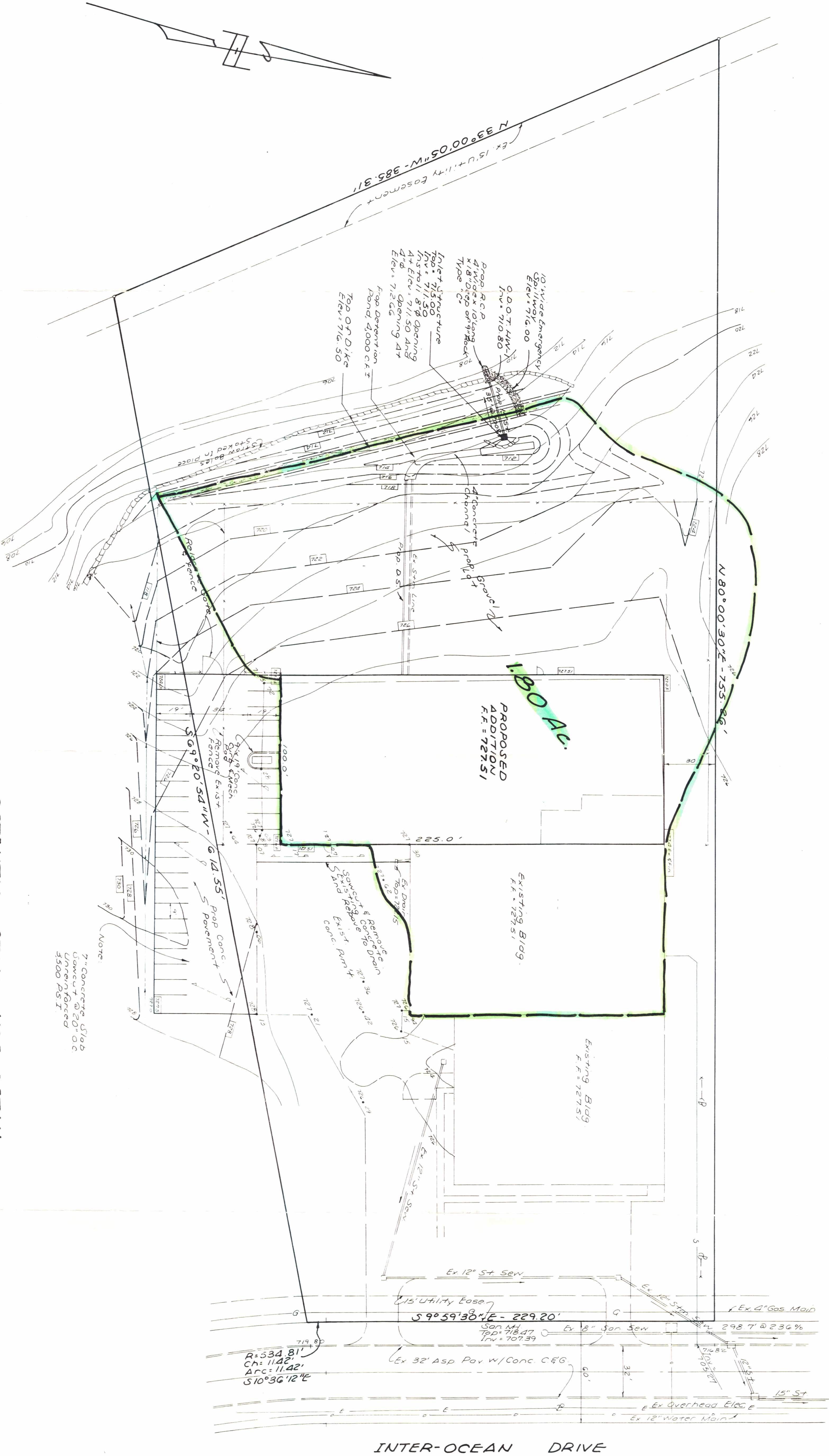
- 1/2# RED FESCUE PER 1,000 SQUARE FEET
- 1/4# PERENNIAL RYEGRASS PER 1,000 SQUARE FEET
- 2# ANNUAL RYE PER 1,000 SQUARE FEET
- FERTILIZE WITH 25# OF 12-12-12 PER 1,000 SQUARE FEET
- MULCH WITH 3 BALES OF STRAW PER 1,000 SQUARE FEET

AN ASPHALT MULCH TIE DOWN AT THE RATE OF 5 GALLONS PER 1,000 SQUARE FEET SHALL BE USED.

AN ALTERNATIVE TO ASPHALT MULCH WOULD BE TO INSTALL PLASTIC NETTING IN THE DETENTION BASIN AREAS.



- NOTES:
- 1 - GRATING AND FRAME SHALL BE NEENAH R-4871.
 - 2 - INLET STRUCTURE TO BE CONSTRUCTED OF CLASS "C" CONCRETE WITH 1" REINFORCING BARS, CENTER TO CENTER, BOTHWAYS WITH 6" X 6" X 10/10 MESH, 1" SPACING.
 - 3 - STRUCTURE TOP TO BE STANDARD CB 2-3 TOP SLAB (DURA-CONCRETE, INC. CB-302-N OR EQUAL).
 - 4 - OPENING FOR INLET STRUCTURE ON POND SIDE TO BE CONSTRUCTED TO SIDE SHOWN ON SITE PLAN.



STATE OF OHIO
REGISTERED SURVEYOR
6021
R. THOMAS
ABERCROMBIE

COMMERCE PARK TRI-COUNTY
SEC. 8, T-2, R-2, UNION TOWNSHIP
BUTLER COUNTY, OHIO

Abercrombie & Associates, Inc.
CIVIL ENGINEERS & SURVEYORS
5880 Clavian Avenue • Cincinnati, Ohio 45299

9-28-89

1"=30'

8-21-89

84-945

H.W.H.