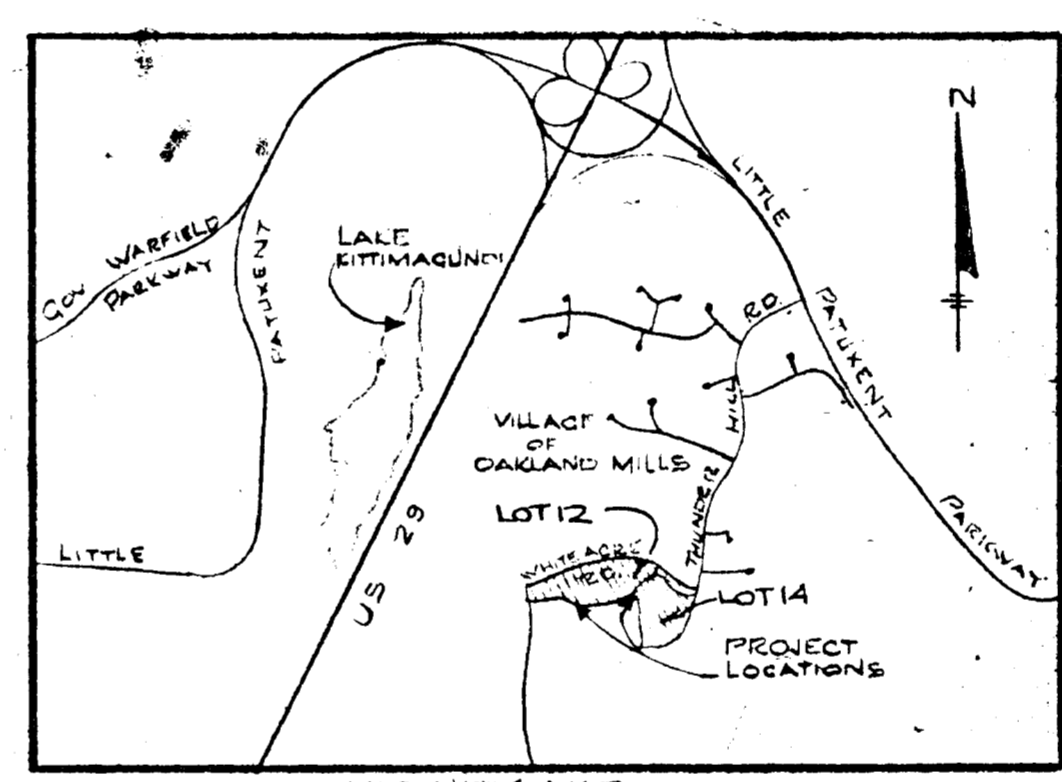


REVISED  
DIVISION OF LAND DEVELOPMENT  
AND TRANSPORTATION PLANNING  
HOWARD COUNTY, MARYLAND  
DATE 8/6/71

APPROVED  
DIVISION OF LAND DEVELOPMENT  
AND TRANSPORTATION PLANNING  
HOWARD COUNTY, MARYLAND  
DATE 8/6/71



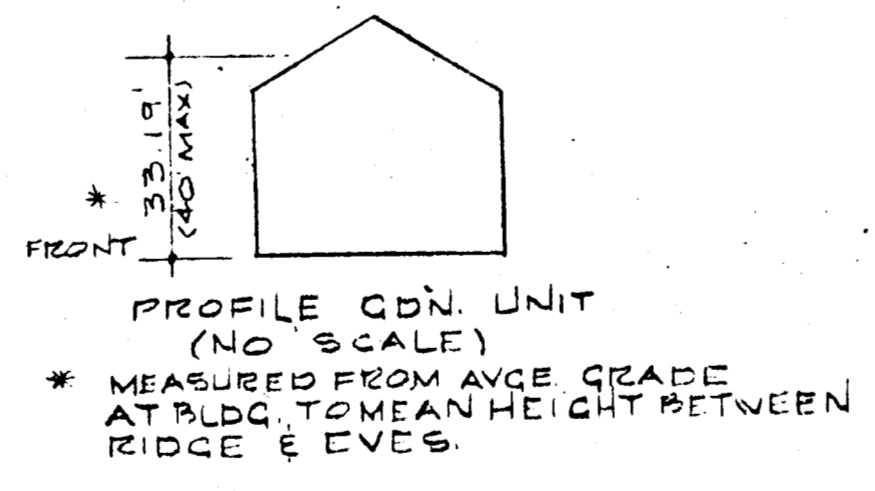
**TABULATION**

BLDG NO	SQ FEET PER UNIT	1970	1090	TOTAL	CROSS AREA
1	24	-	24	24	20,016
2	-	24	24	24	20,100
3	12	12	24	24	23,088
4	-	24	24	24	20,100
5	24	12	36	36	33,096
6	12	24	36	36	30,168
7	12	12	24	24	23,088
<b>TOTAL</b>	<b>84</b>	<b>108</b>	<b>192</b>	<b>192</b>	<b>167,776</b>

NO BASEMENTS

**SOIL STABILIZATION**  
ALL DISTURBED AREAS TO BE SEEDED OR SODED TO PREVENT SOIL EROSION. ALL DRAINAGE SWALES TO BE TAMPORED, ROLLED AND SODED.

**NOTES**  
EXISTING CONTOURS FINISHED CONTOURS  
FIRST FLOOR ELEVATION ENT. 594.50  
ENTRY ELEVATION ENT. 599.0  
SPOT ELEVATION 94.8  
STEP RISE 4.2  
SHEM SIZE 1/8" = 1'-0"  
DIRECTION OF DRAINAGE  
CONCRETE WALK ASPHALT PAVING  
ALL INTERIOR STREETS TO REMAIN PRIVATE  
LAUNDRY FACILITIES TO BE PROVIDED IN EACH BUILDING  
ALL UNITS FOR RENTAL



**CERTIFICATION**  
I HEREBY CERTIFY THAT THIS PLAN COMPLIES WITH HOWARD COUNTY ZONING REGULATIONS, SEC. 7-24 & 7-26 & 7-27

AREA OF SITES (LOT 12 & 14) 12,785 AC  
SQUARE FEET 556,014,200  
UNIT COUNT 152 UNITS ALLOWABLE PROVIDED 152 UNITS  
COVERAGE 167,074 (30%) 72,700 (12%) PROVIDED  
PARKING 288 REQUIRED 292 PROVIDED  
ZONING NT - RENTAL APTS

Note: Contractors performing site grading for storm drainage work should acquire a permit from the Howard County Bureau of Licensing and Permits before any work is started.

REVISIONS	INDEX OF DRAWINGS
1. REVISED STORM DRAIN PLAN	5-G-1 SITE GRADING PLAN (10/71)
2. REVISED PARKING LAYOUT	2-G-2 STORM DRAIN PROFILES (20/71)
3. RELOCATED BLDG 7	10-G-2 TO 2-D-1 AND TYPICAL DETAILS (20/71)
4. REVISED PAVING SPECIFICATIONS	

**APPROVED**

FOR PUBLIC WATER & PUBLIC SEWERAGE  
DISTRICT HEALTH DEPARTMENT  
DATE 3-8-71

FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS & ROADS  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
DATE 3-8-71

FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS & ROADS  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
DATE 3-8-71

FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS & ROADS  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
DATE 3-8-71

**COLLINS & KRONSTADT** 404 301  
**LEAHY HOGAN COLLINS** 587 8642  
architects · planners · engineers  
1111 spring street · silver spring, maryland

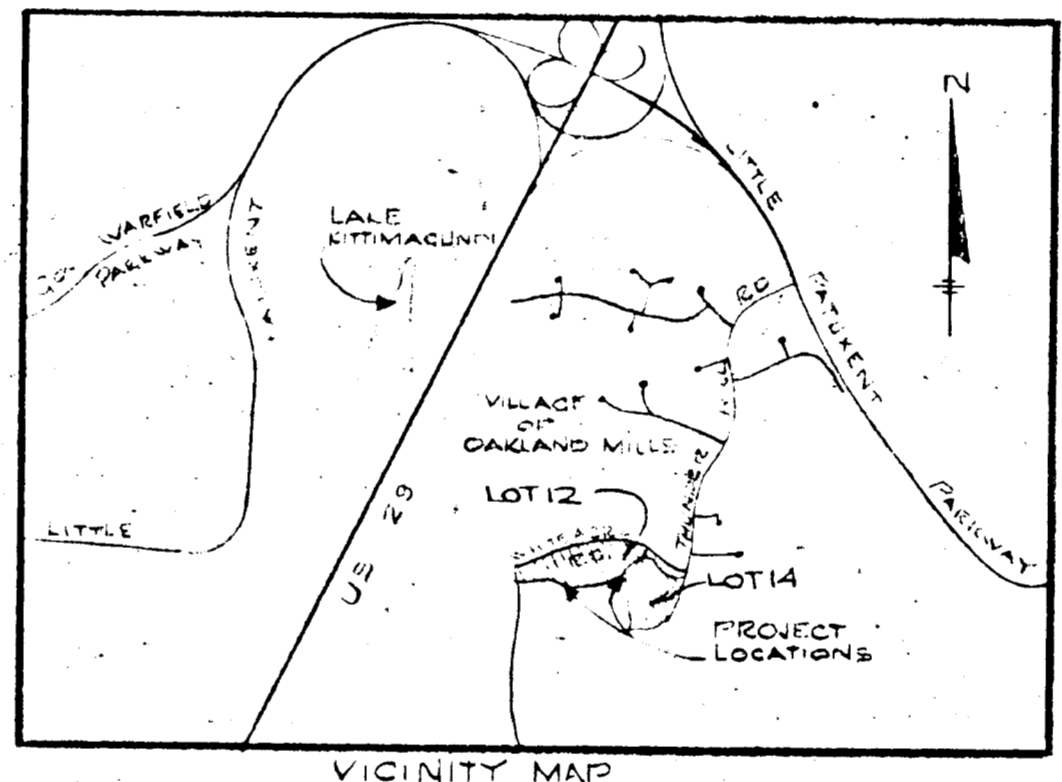
REVISED SITE GRADING PLAN - SHADOW OAKS  
VILLAGE OF OAKLAND/MILLS - VILLAGE CENTER  
LOT 14, SECTION 2, AREA 2, PLAT BOOK 15 FOLIO 82  
FINAL DEVELOPMENT PHASE 50A, PD 20 FOLIOS 1 TO 3, COLUMBIA, MD

**5-G-1**  
1 of 3  
MAY 1971  
10 31/8 SPD-71-400



Sediment control is required during construction by means of Sumps, Ditches or Dikes to prevent Surface Erosion. Seeding, Sodding, Planting or other approved Surface Treatment must be completed as soon as possible during the construction cycle.

Richard R. Brown 10-23-70  
 Philip A. Stevens 10-23-70  
 James M. Helm 3-26-71  
 Robert B. Campbell 4-2-71



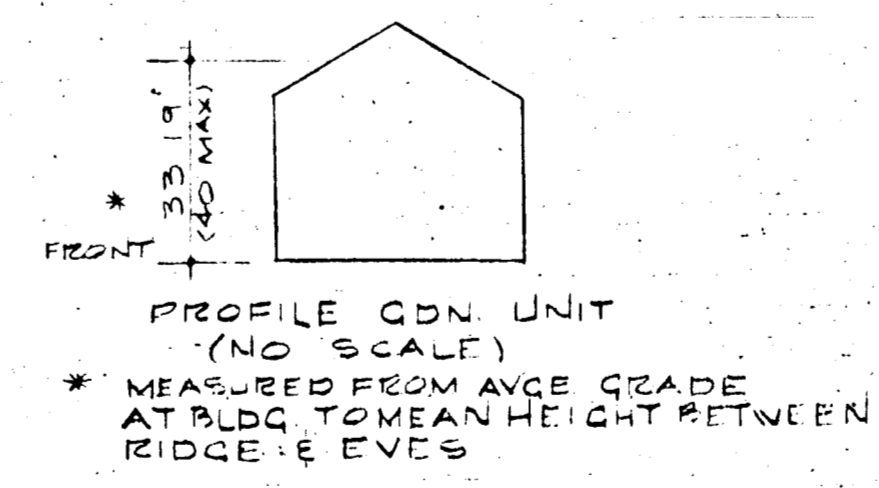
**TABULATION**

BLDG NO.	1984	1090	TOTAL	GROSS AREA
1	24	-	24	10,016
2	-	24	24	2,100
3	12	12	24	2,000
4	-	24	24	2,100
5	24	12	36	3,076
6	12	24	36	3,610
7	12	12	24	2,300
<b>TOTAL</b>	<b>84</b>	<b>108</b>	<b>192</b>	<b>187,776</b>

NO BASEMENTS

**SOIL STABILIZATION**  
 ALL DISTURBED AREAS TO BE SOILED OR SODED TO PREVENT SOIL EROSION. ALL DRA MACH SWALES TO BE TAMPERED, ROLLED AND SODED.

**NOTES**  
 EXISTING CONTOURS = 400  
 FINISHED CONTOURS = 400  
 FIRST FLOOR ELEVATION 1<sup>st</sup> FL = 334.50  
 ENTRY ELEVATION ENT = 339.0  
 SPOT ELEVATION 341  
 STEP RISE 46  
 STEP SIZE 6  
 DIRECTION OF DRAINAGE  
 CONCRETE WALK  
 ASPHALT PAVING  
 ALL UTILITY STREETS TO REMAIN  
 PRIVATE LAUNDRY FACILITIES TO BE PROVIDED IN EACH BUILDING  
 ALL UNITS FOR RENTAL



**CERTIFICATION**  
 I HEREBY CERTIFY THAT THIS PLAN COMPLIES WITH HOWARD CO ZONING REGULATIONS BEI 7-04 B, 7-06 & 7-07

**AREA OF SITES (LOT 14 & 15)** 12,785 AC  
**SQUARE FEET** 556,014,200 ft<sup>2</sup>  
**UNIT COUNT** 192 UNITS  
**ALLOWABLE PROVIDED** 192 UNITS  
**COVERAGE** 167,074 (30%)  
**ALLOWABLE PROVIDED** 72,700 (13%)  
**PARKING REQUIRED PROVIDED** 288  
**ZONING** NT - RENTAL APTS

FILE NUMBER: 43-591-0024  
 PLAN IDENTIFICATION: VILLAGE OF OAKLAND MILLS - VILLAGE CENTER  
 ARCHITECT NAME: LEAHY, HOGAN, COLLINS & KRONSTADT, INC.  
 ADDRESS: 1111 SPRING STREET, SILVER SPRING, MARYLAND 20910  
 PHONE NO.: 410-591-0024  
 DATE OF ORIGINAL SUBMISSION: \_\_\_\_\_ DATE INITIALS: \_\_\_\_\_  
 RETURNED BY: \_\_\_\_\_  
 APPROVAL OF SITE PLAN: \_\_\_\_\_  
 BUILDING PERMIT APPLICATION RECEIVED: \_\_\_\_\_  
 USE & OCCUPANCY APPLICATION RECEIVED: \_\_\_\_\_  
 USE & OCCUPANCY FIELD INSPECTION: \_\_\_\_\_  
 USE & OCCUPANCY PERMIT RELEASED: \_\_\_\_\_

APPROVED FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS: HOWARD COUNTY HEALTH DEPARTMENT  
 COUNTY HEALTH OFFICER: \_\_\_\_\_ DATE: \_\_\_\_\_  
 APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING  
 PLANNING DIRECTOR: \_\_\_\_\_ DATE: \_\_\_\_\_  
 DATE OF REVISION OF LAND DEVELOPMENT: \_\_\_\_\_ DATE: \_\_\_\_\_  
 APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS & WORKS: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 DIRECTOR: \_\_\_\_\_ DATE: \_\_\_\_\_  
 CHIEF - BUREAU OF HIGHWAYS: \_\_\_\_\_ DATE: \_\_\_\_\_

**DRAINAGE AND SEDIMENTATION PLAN**  
 K.J.C. 1"=30' 1 of 2  
 K.J.C. 10-22-70 6491

**COLLINS & KRONSTADT** code 301  
**LEAHY · HOGAN · COLLINS** 587 · 8642  
 architects · planners · engineers  
 1111 spring street · silver spring, maryland

**SITE GRADING PLAN**  
 VILLAGE OF OAKLAND MILLS - VILLAGE CENTER, SECTION 2, AREA 2, PLAT 15, FOLIO 82  
 FINAL DEVELOPMENT PHASE 50, PD 16 FOLIOS 801641, COLUMBIA, MD.  
 DATE: OCT 1970 1"=30'

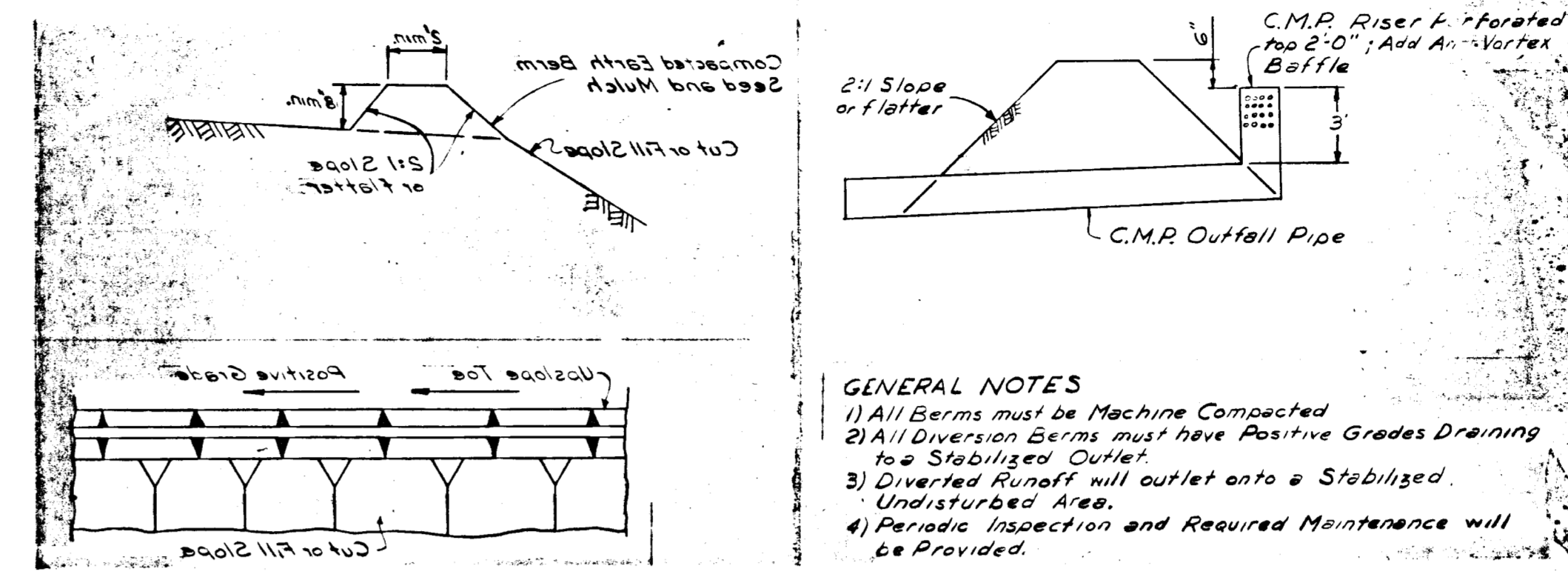
SG-1

SPD-71

Prior to any construction, sediment control measures must be installed.

Howard Soil Conservation District must be notified 24 hours prior to the beginning of any construction.

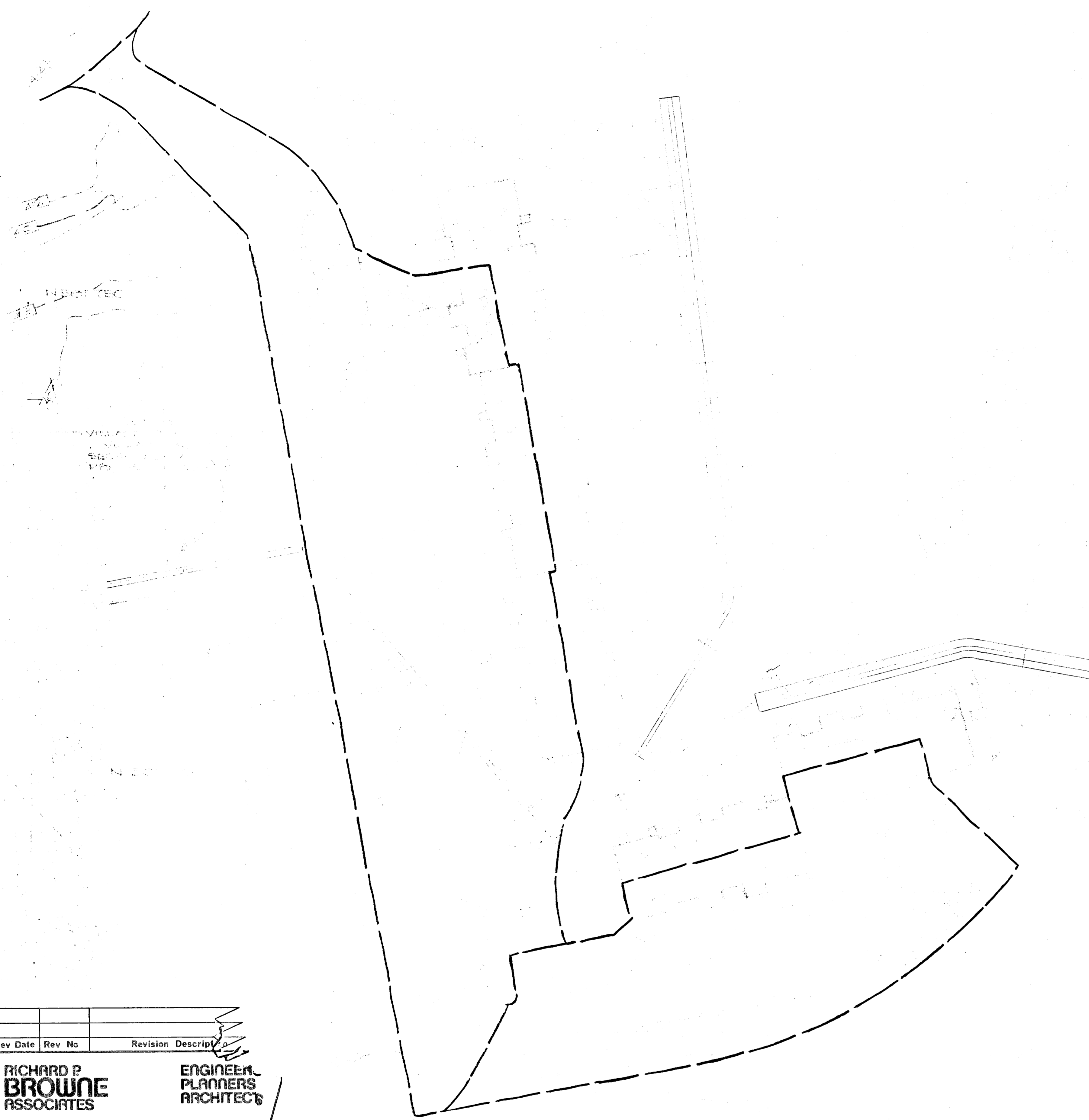
All sediment control facilities and measures shall remain in place until removal is approved by Howard Soil Conservation District.



- GENERAL NOTES**
- 1) All Berms must be Machine Compacted
  - 2) All Diversion Berms must have Positive Grades Draining to Stabilized Outlet
  - 3) Diverted Runoff will outlet onto a Stabilized Undisturbed Area
  - 4) Periodic Inspection and Required Maintenance will be Provided.

Areas to be seeded within road right-of-ways shall use a seed mixture as follows:  
 Annual Ryegrass 60%  
 Kentucky Blue Grass 20%  
 Kentucky 31 Fescue 20%  
 To be sown at the rate of 200 lbs per Acre with a Mechanical Spreader; Rate a minimum of two passes with a yard rate. Cover and Compact with a Cultivator. Surface Preparation to include Grade, Limestone over Topsoil surface area at the rate of 1/2 Ton per Acre (50 lbs/1000 sq ft), Commercial Fertilizer 200-0-0 at the rate of 1/2 Ton per Acre (35 lbs/1000 sq ft) and Super Phosphate at the rate of 500 lbs per Acre (10 lbs/1000 sq ft).

<b>CERTIFICATION BY THE PROFESSIONAL ENGINEER</b>	
I CERTIFY THAT THE PLAN OF DEVELOPMENT (THE PLAN OF SILT AND EROSION) MEETS THE REQUIREMENTS, STANDARDS & SPECIFICATIONS OF THE HOWARD CO. SOIL CONSERVATION DISTRICT.	
SIGNATURE	DATE
<i>[Signature]</i>	12/7
<b>CERTIFICATION BY THE DEVELOPER</b>	
I CERTIFY THAT ALL DEVELOPMENT AND OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT & PLAN OF SILT SEDIMENT CONTROL.	
SIGNATURE	DATE
<i>[Signature]</i>	4-2
<b>HOWARD SOIL CONSERVATION DISTRICT</b>	
THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION & SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT	
REVIEWED	DATE
DISTRICT CONSERVATIONIST	DATE
APPROVED	DATE
HOWARD SOIL CONSERVATIONIST	DATE

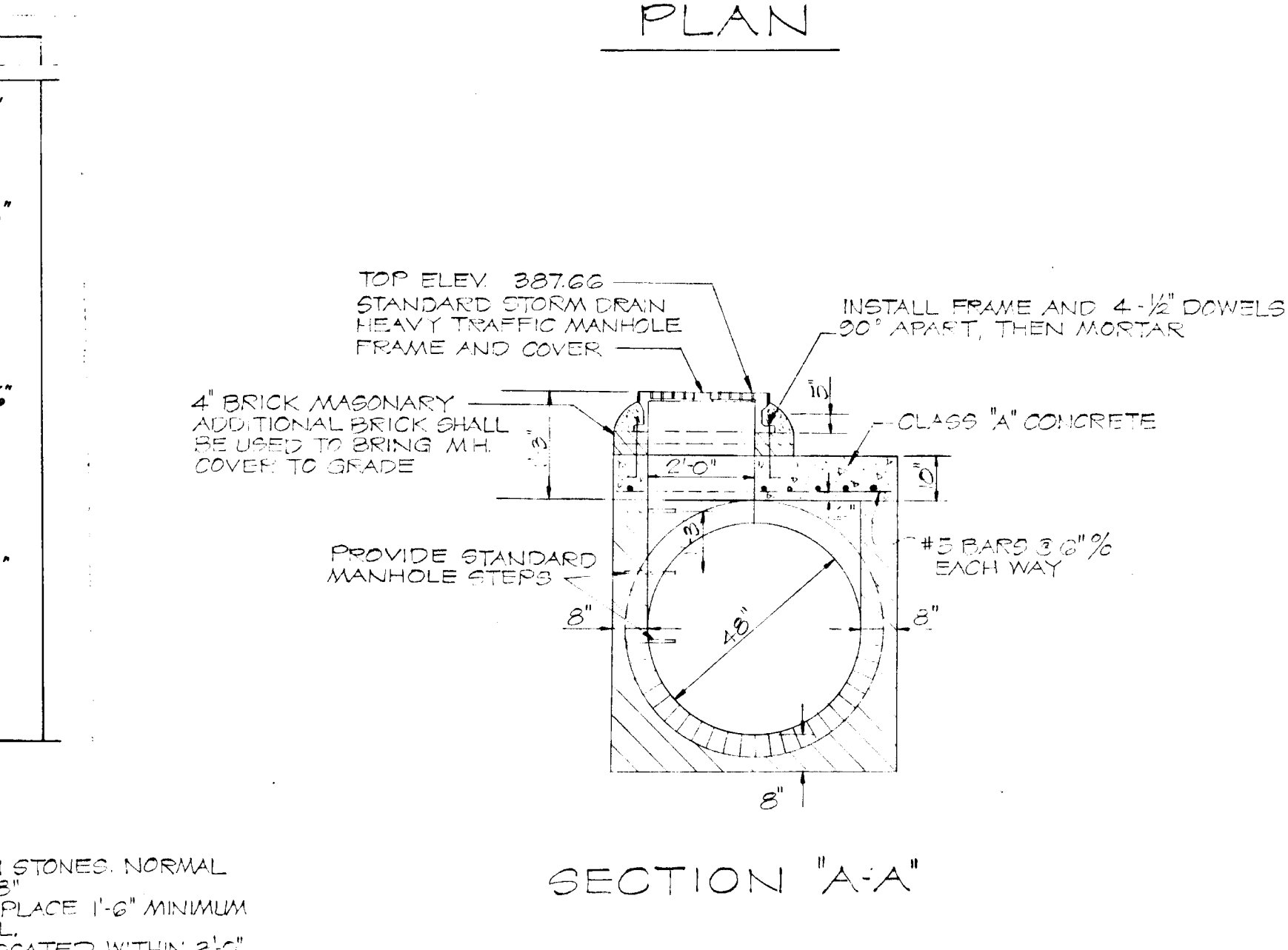
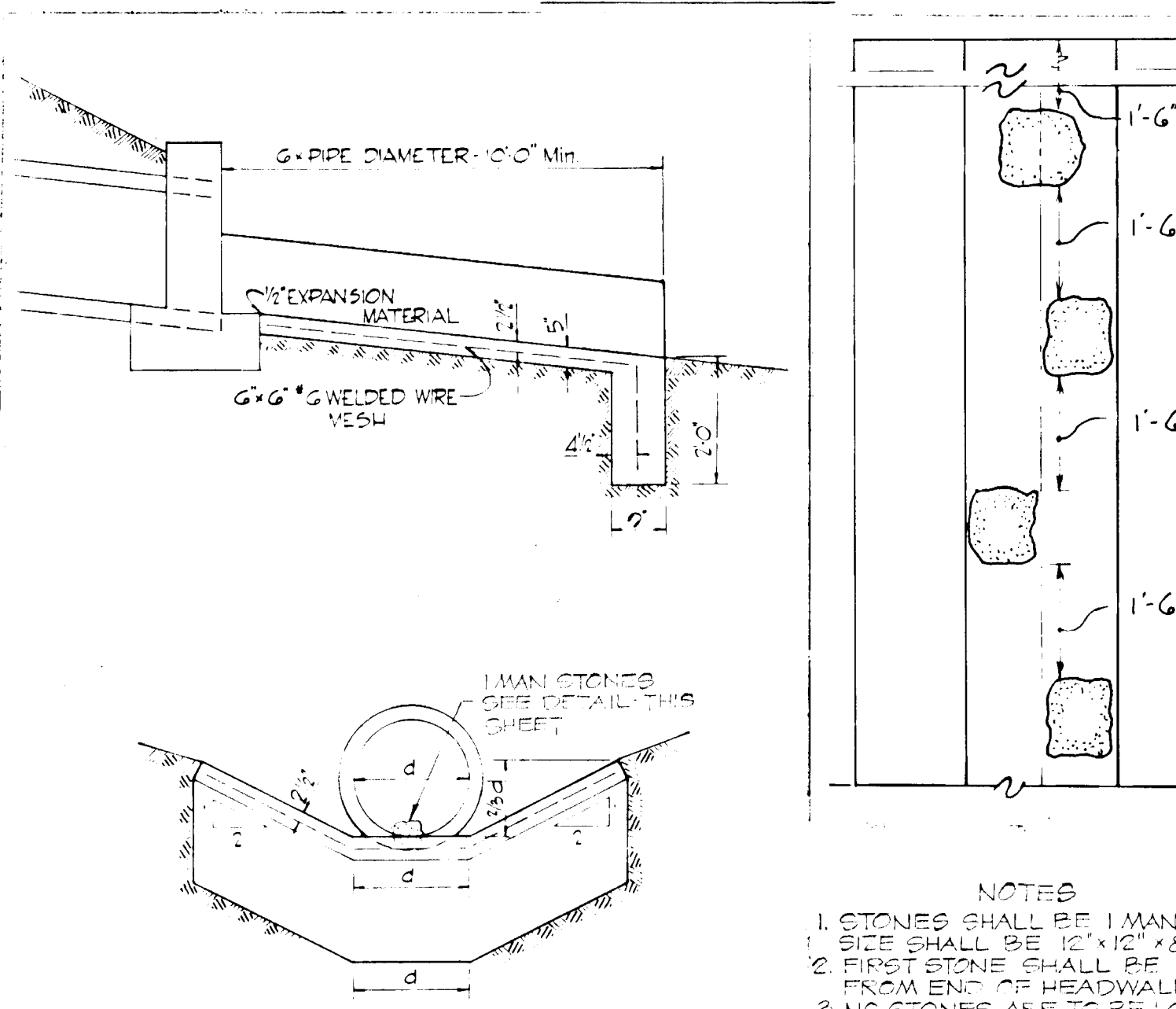
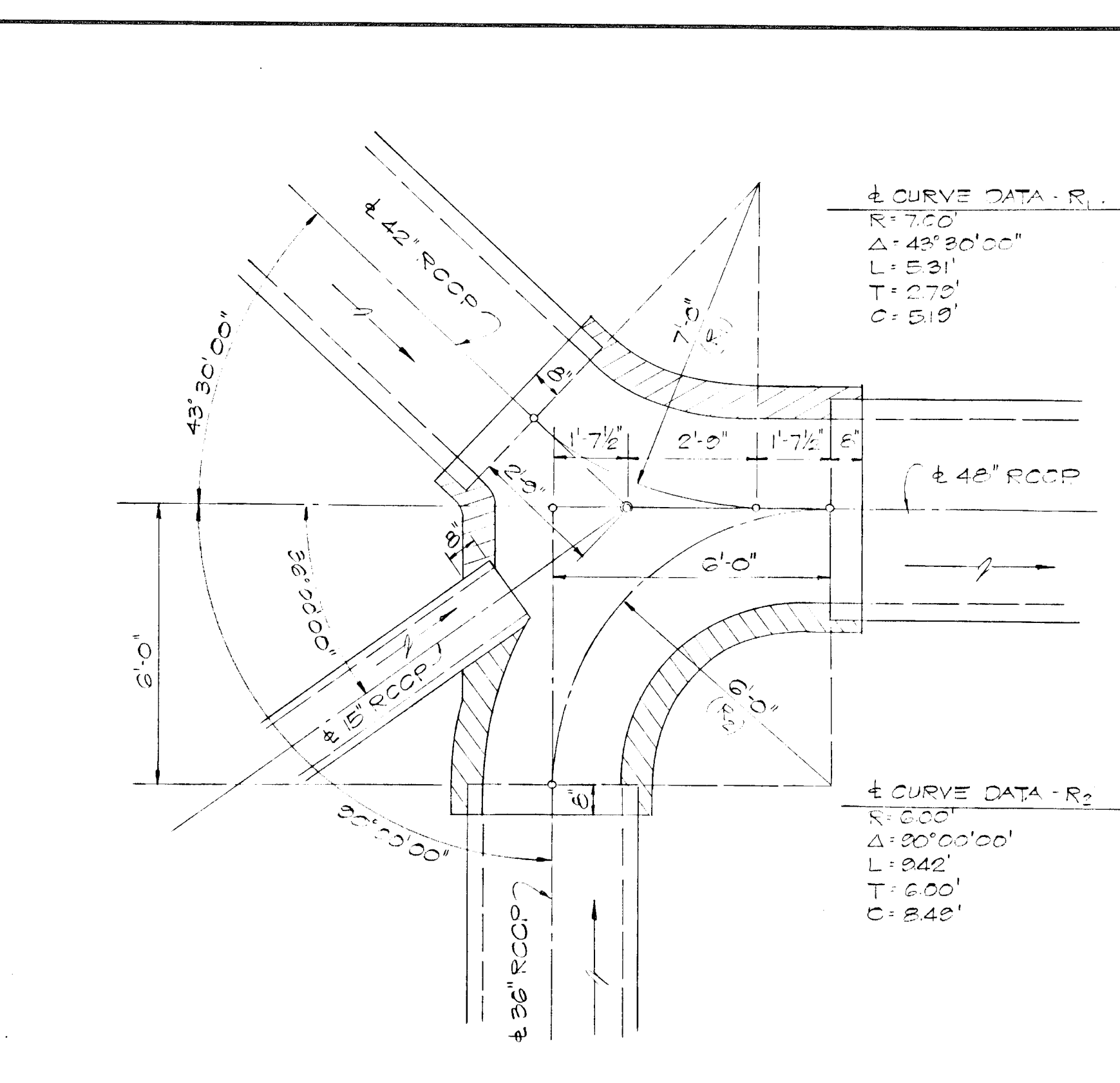
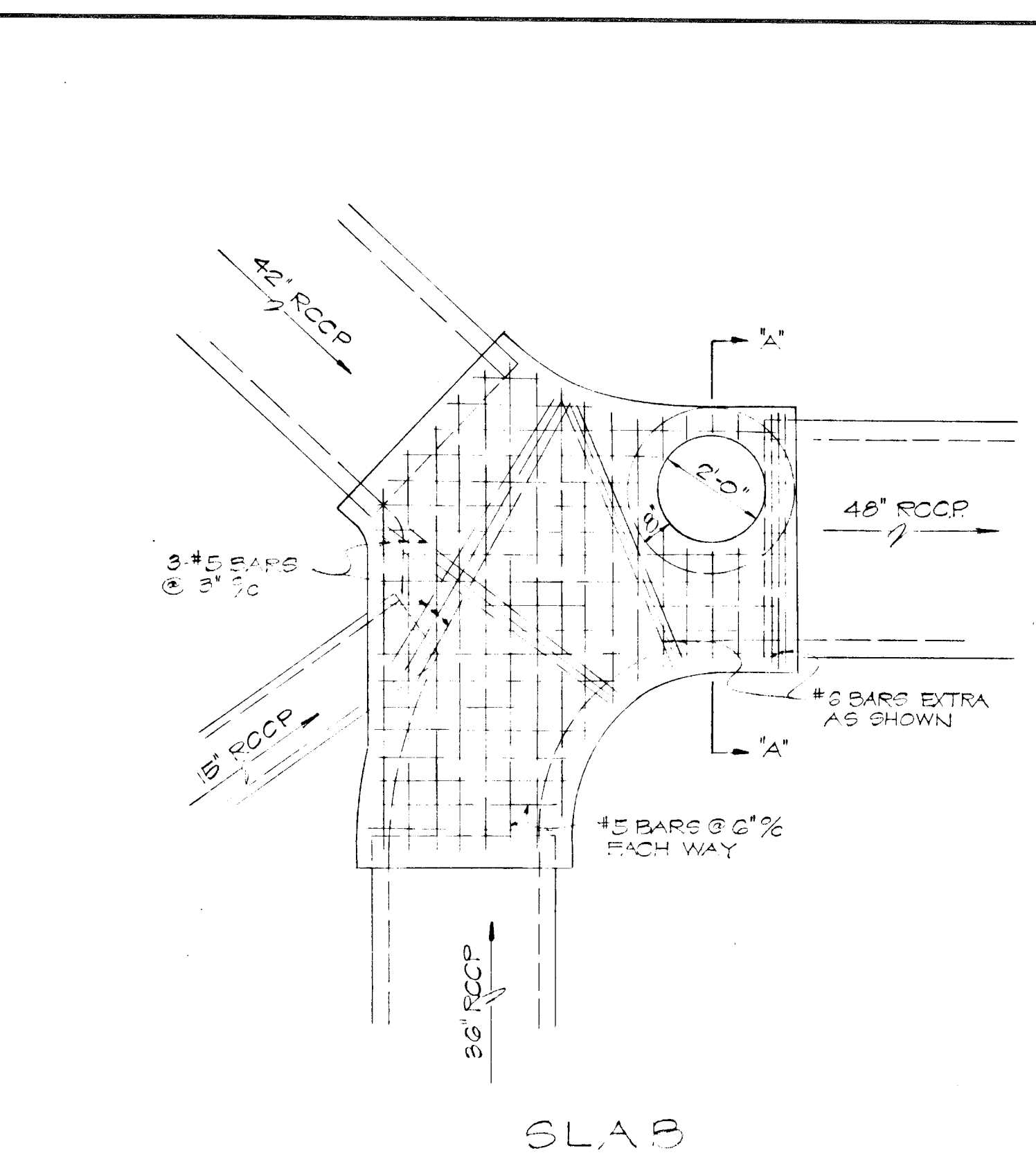
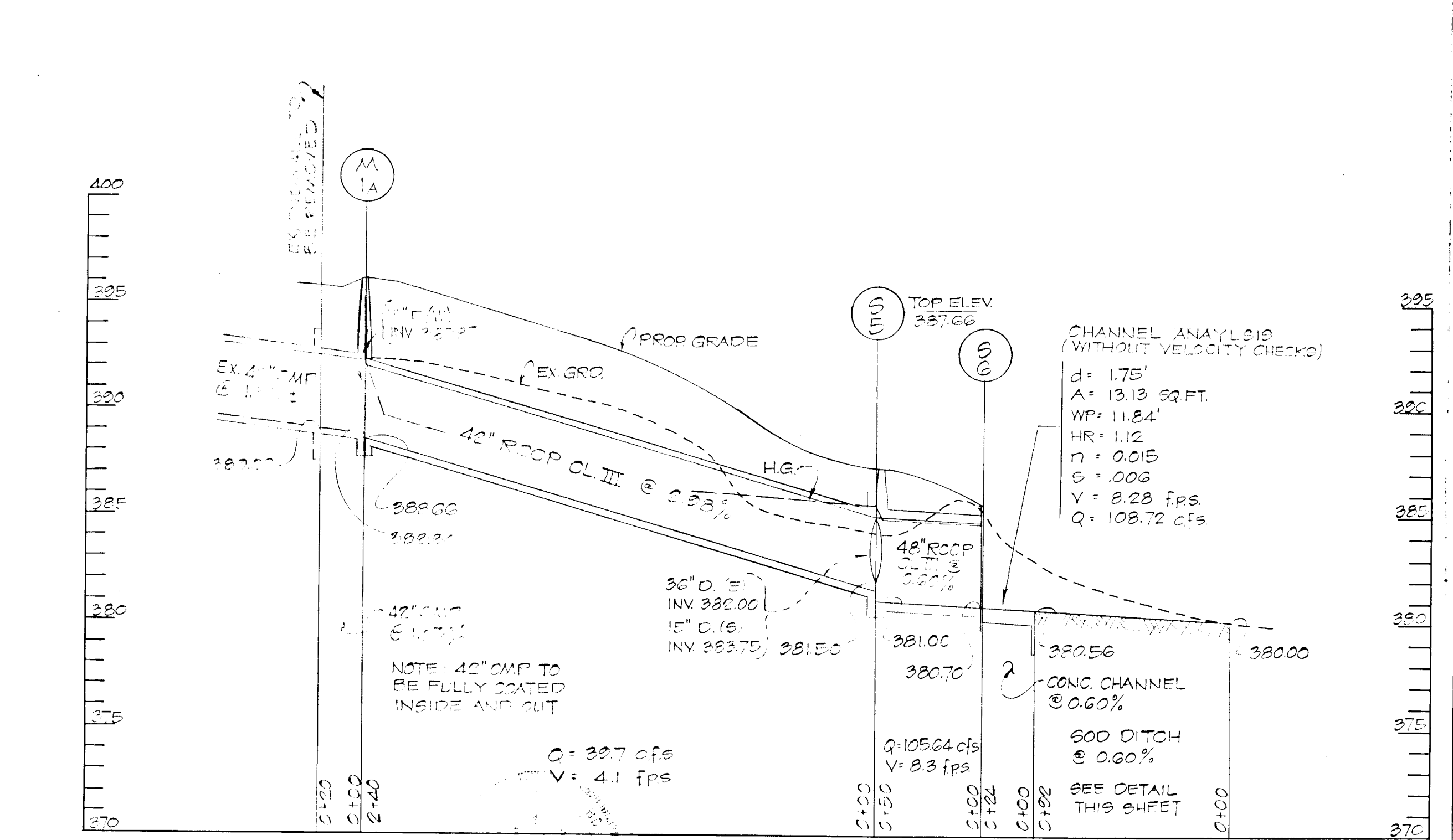
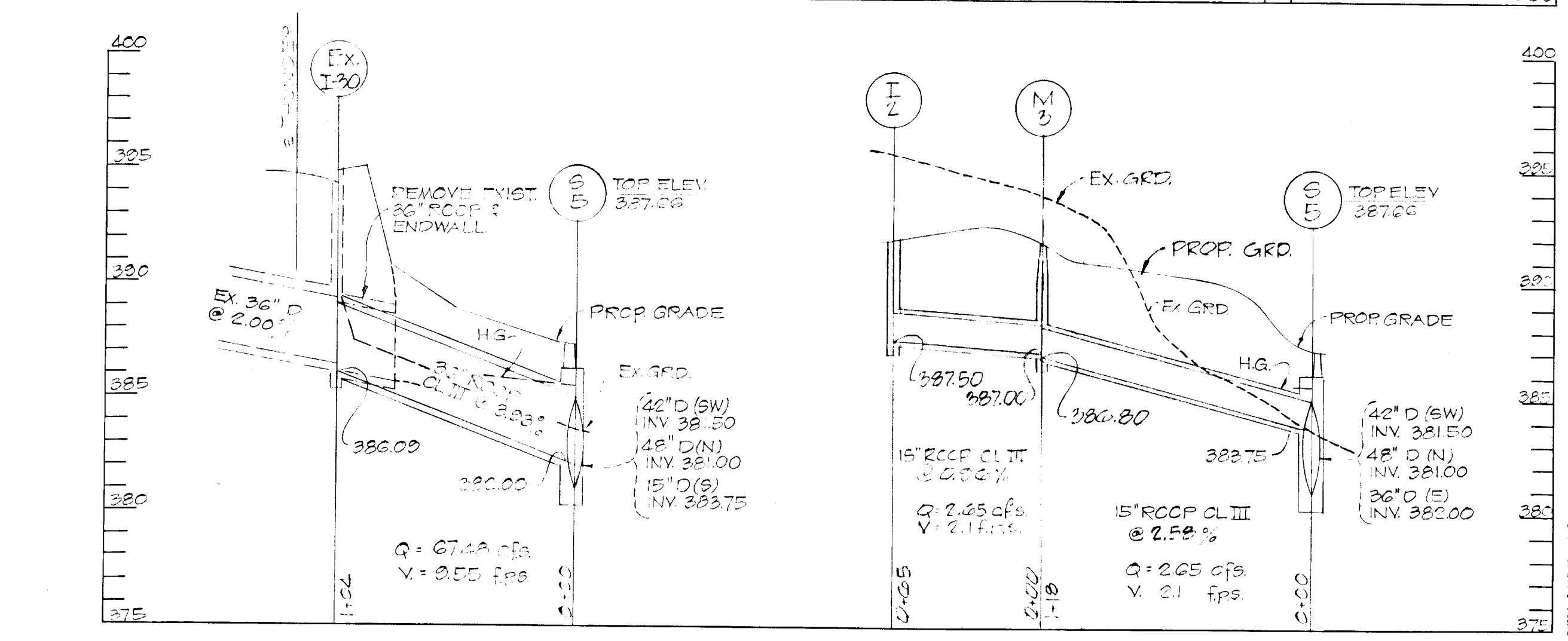
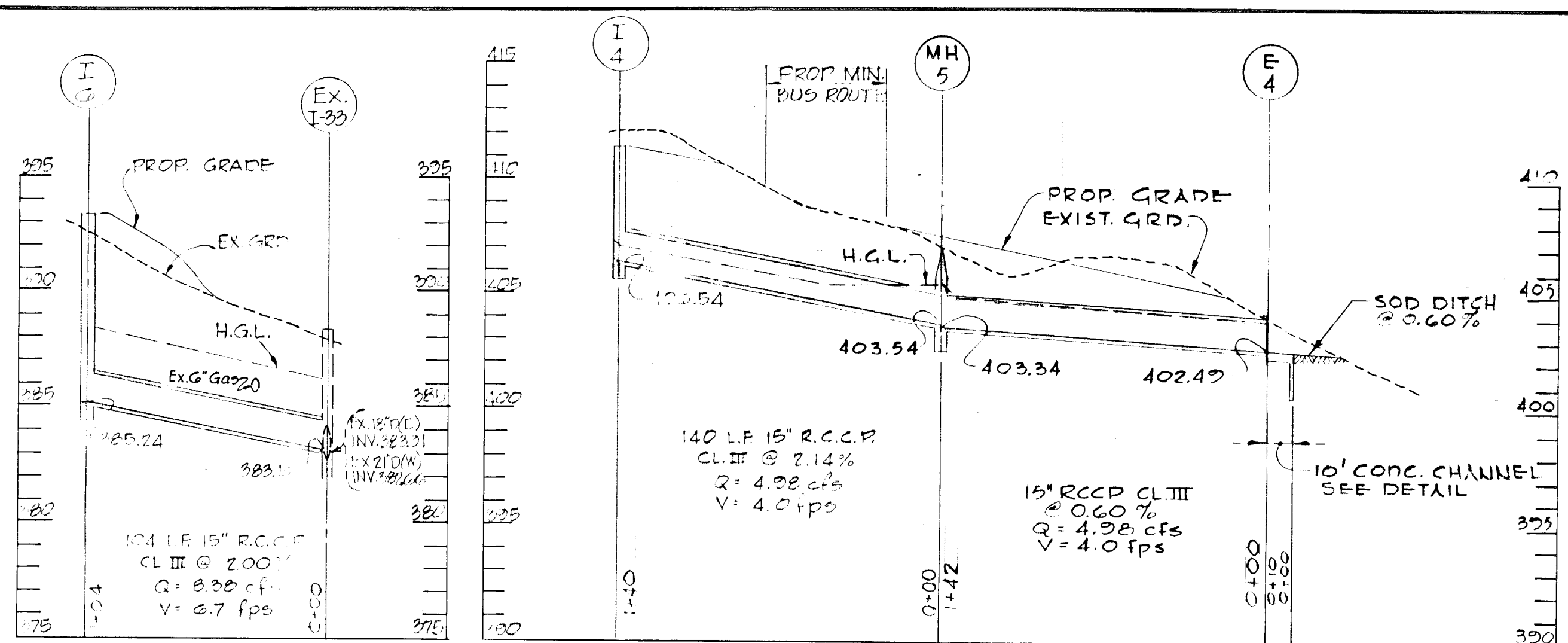


Rev	Date	Rev No	Revision	Description

**RICHARD P. BROWNE ASSOCIATES**  
 Columbia, Maryland

**ENGINEER PLANNERS ARCHITECTS**  
 Wayne, New Jersey

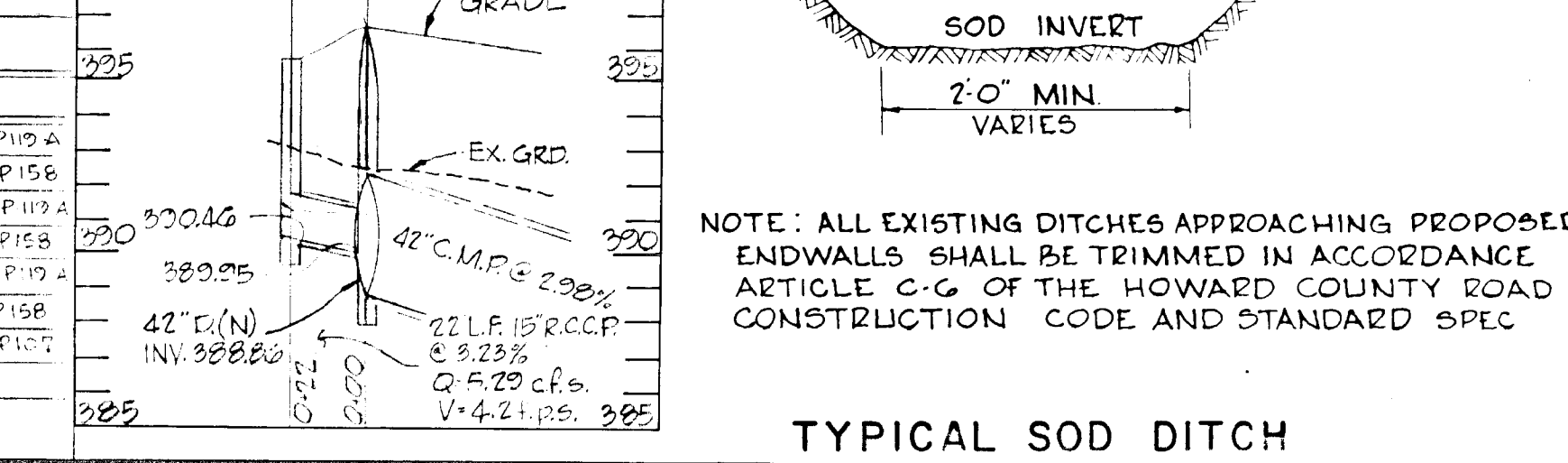
Des By	Scale	Dwg No
Drn By	Date	W.O. No
Chk By	Approved	



TYPICAL CONCRETE CHANNEL AND CUTOFF WALL  
NO SCALE

VELOCITY CHECK DETAIL  
NO SCALE

STORM DRAINAGE STRUCTURE		SCHEDULE	
NO.	TYPE	LOCATION	REMARKS
1-1	STD. A-5 INLET	SEE PLAN	40.0 STD. D. 62 A P150 A
MH-4	STD. MANHOLE	"	D. 60 - P. 150
1-2	STD. A-5 INLET	"	D. 64 A P. 150 A
MH-3	STD. MANHOLE	"	D. 60 - P. 150
1-4	STD. A-5 INLET	"	D. 64 A P. 150 A
MH-5	STD. MANHOLE	"	D. 60 - P. 150
1-6	STD. A-10 INLET	"	D. 52 P. 150



TYPICAL SOD DITCH

**Richard P. Browne**  
RICHARD P. BROWNE P.E. & L.S.  
LIC. NO. 5236 STATE MD.

**PROFILES**  
SCALE HORIZ. 1"=50'  
VERT. 1"=5'

APPROVED HOWARD CO. DEPT. OF PUBLIC WORKS  
*G.Y. Clark for W.A. ALTMAN*  
*J.W. Weikland OLR*  
Sept 1, 1971

SUPPLEMENTAL STORM DRAIN PROFILES  
VILLAGE OF OAKLAND MILLS - VILLAGE CENTER  
LOT 14 SECTION 2 AREA 2  
SHADOW OAKS APARTMENTS  
SCALE AS SHOWN  
SHEET 2 OF 3  
S.D.P. 71-40-C