

GENERAL NOTES

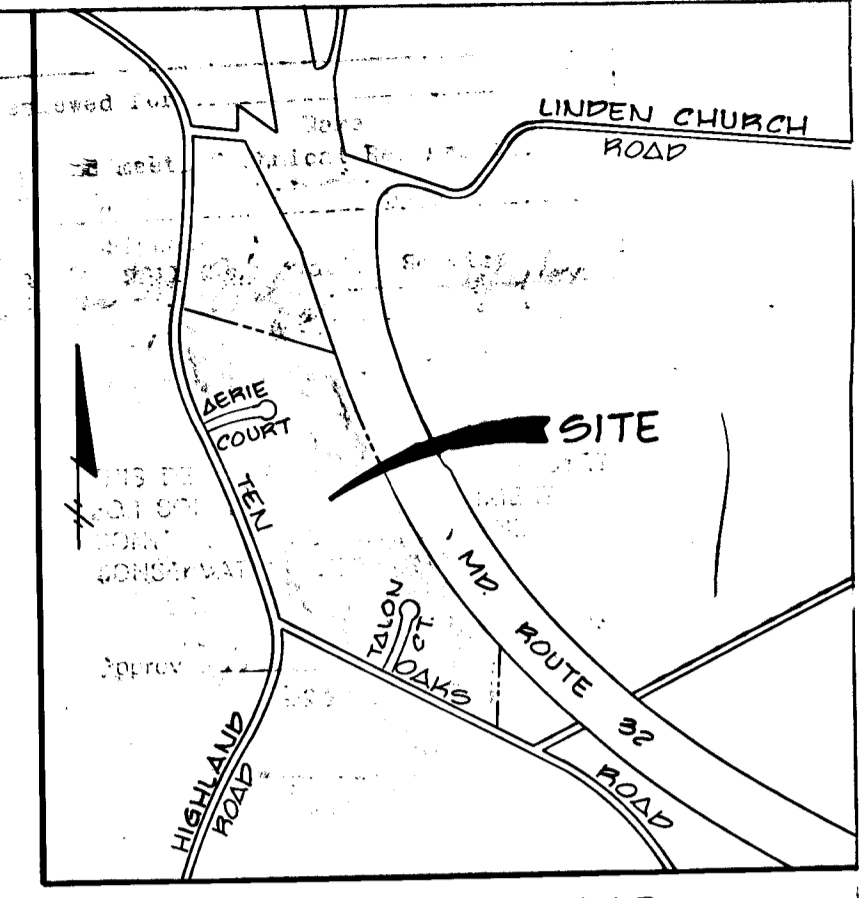
- All Work Shall Be Done In Accordance With Howard County Standards, Specifications And Details For Construction.
- All Utility Companies Must Be Notified 24 Hrs In Advance Of Any Construction.
- Storm Drainage Trenches Within Road Right-Of-Ways Shall Be Back-filled And Compacted In Accordance With Howard County Road Code.
- Any Damage To Public Right-Of-Ways, Paving, Or Existing Utilities Will Be Corrected At The Contractors Expense.
- Contractor To Notify The Howard County Inspection And Survey Division At Least 3 Days Before Starting Work Shown On These Drawings Telephone 792-7272.
- Approximate Location Of Existing Utilities Are Shown For The Contractors Information, Contractor Shall Locate Existing Utilities Well In Advance Of Construction Activities And Take All Necessary Precautions To Protect The Existing Utilities And To Maintain Uninterrupted Service.
- All Traffic Control Devices Shall Be Installed In Accordance With The Manual Of Uniform Traffic Control Devices Current Revised Edition.
- The Contractor Shall Notify The Following Utility Companies At Least 72 Hours Prior To Construction:
 - Mr Leon Hall Of Transcontinental Gas Pipeline Corp @ (301) 469-7259
 - Mr George Schlepner Of Columbia Gas Pipeline Corp @ (301) 762-6308

MIP-RAP OUTLET SEDIMENT TRAP #2

Drainage Area: 600 Sq. Ft.
 Volume Required: 400 Cu. Yds.
 Volume Provided: 400 Cu. Yds.
 Top Dimensions: 11' x 40'
 Bottom Dimensions: 10'5" x 34'
 Side Slopes: 1:1
 Depth: 3'
 Bottom Elevation: 548.75
 Weir Crest Elevation: 552.75
 Cleanout Elevation: 549.50
 Weir Crest 'b' Dimension: 16'

Reviewed for HOWARD S.C.D.
 Name
 and meets Technical Requirements
 Signature James M. Helms Date 4/20/88
 U.S. Soil Conservation Service

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
 Approved Stephen D. John Date 4/20/88
 Howard S. C.D.

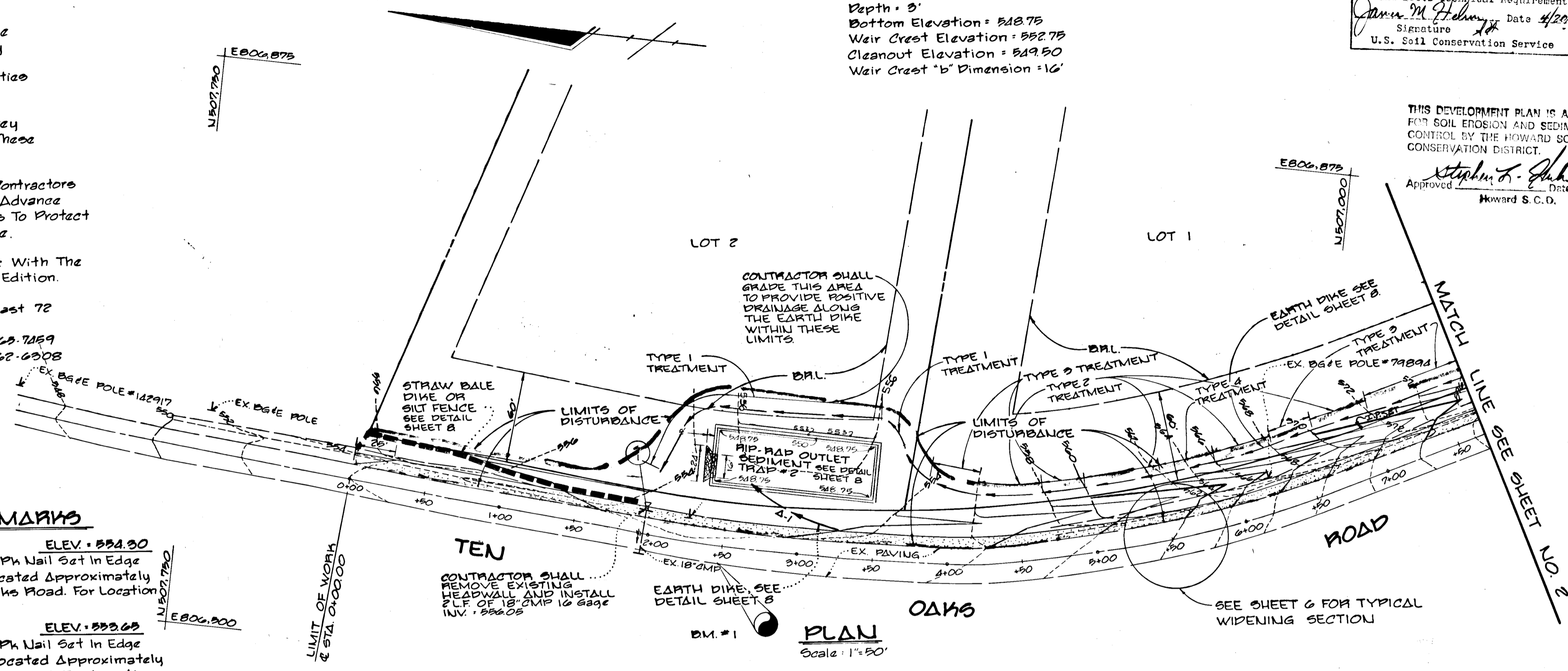


VICINITY MAP
 Scale: 1" = 1200'

CHARLES J. CROVISA, JR.
 alaska STATE
 CIVIL ENGINEER AND LAND SURVEYOR
 8368 COURT AVE. ELLICOTT CITY, MARYLAND 21043

EAGLE POINT LANDING
 LOTS 1-16
 5th ELECTION DISTRICT
 HOWARD COUNTY MARYLAND
TEN OAKS ROAD
 PLAN & PROFILE

OWNER AND DEVELOPER
TALBOTT PROPERTY PARTNERSHIP
 PO BOX 15
 ELLICOTT CITY, MARYLAND 21043
 SCALE AS SHOWN DATE JAN 29, 1988 DRAW NO. 1 OF 8
 DES. WCB DRG. WCB CHK. CJC
 FISHER, COLLINS AND CARTER, INC.
 CIVIL ENGINEERS AND LAND SURVEYORS
 8368 COURT AVE. ELLICOTT CITY, MARYLAND 21043



BENCH MARKS

B.M. #1 ELEV. 554.90
 Traverse Sta. "TAL-5" Pk Nail Set In Edge Of Existing Paving Located Approximately @ Sta. 2+50 Ten Oaks Road. For Location See This Sheet.

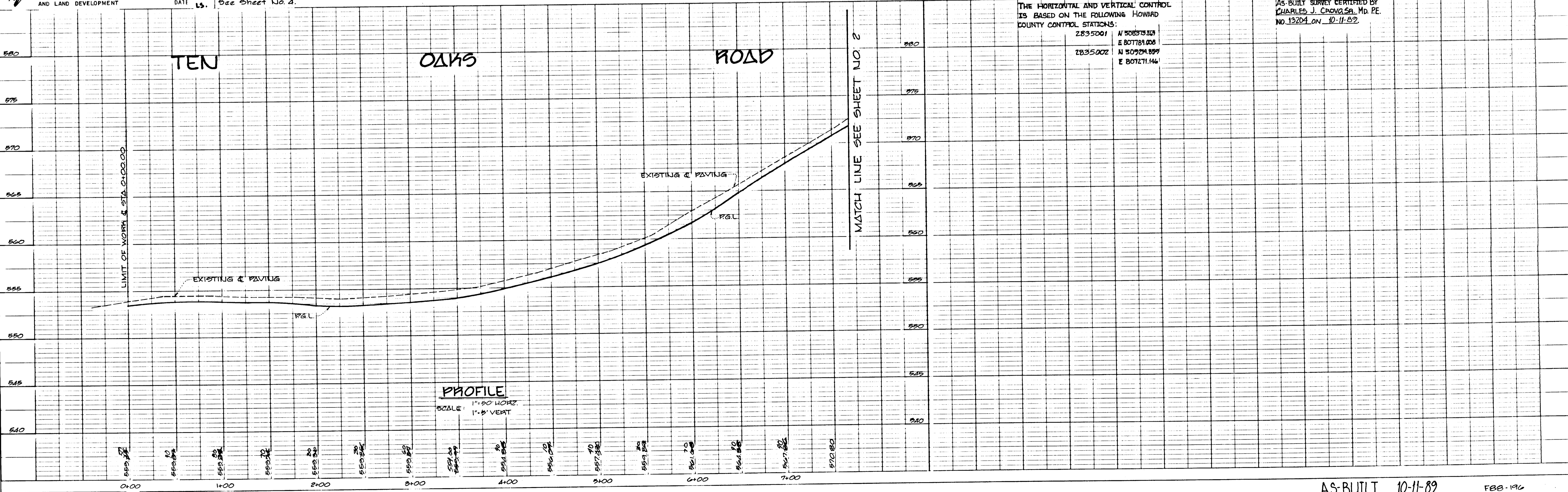
B.M. #2 ELEV. 553.65
 Traverse Sta. "TAL-10" Pk Nail Set In Edge Of Existing Paving Located Approximately @ Sta. 0+75 Ten Oaks Road. For Location See Sheet No. 4.

PLAN
 Scale: 1" = 50'

APPROVED DEPARTMENT OF PUBLIC WORKS
William J. ... 4/25/88
 CHIEF, LAND DEVELOPMENT DIVISION DATE

APPROVED DEPARTMENT OF PUBLIC WORKS
James W. ... 4/27/88
 CHIEF, BUREAU OF HIGHWAYS DATE

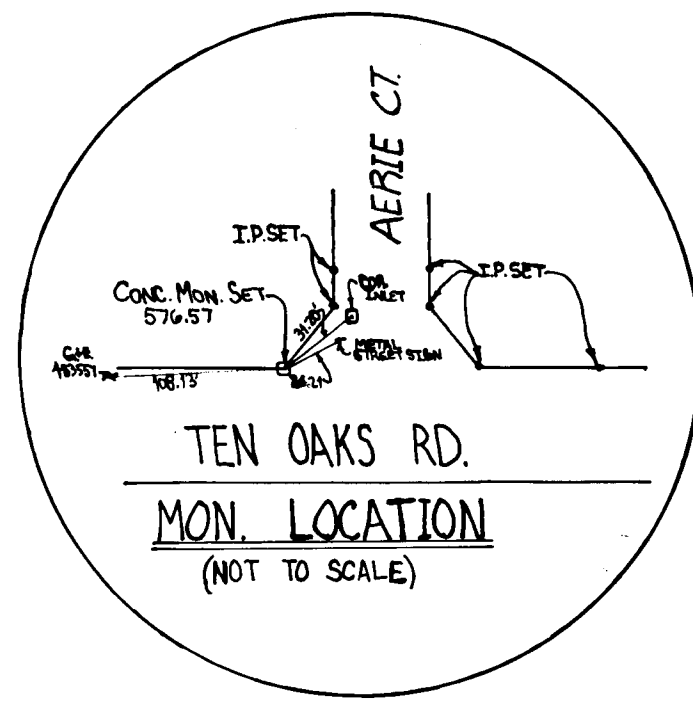
APPROVED OFFICE OF PLANNING AND ZONING
James ... 4/28/88
 COMMUNITY PLANNING AND LAND DEVELOPMENT DATE



THE HORIZONTAL AND VERTICAL CONTROL IS BASED ON THE FOLLOWING HOWARD COUNTY CONTROL STATIONS:
 2835001 N 50873.129
 2835002 E 807789.008
 N 50924.899
 E 807271.146

AS-BUILT SURVEY CERTIFIED BY
 CHARLES J. CROVISA, MD. P.E.
 NO. 13204 ON 10-11-89

PROFILE
 SCALE: 1" = 50' HORIZ
 1" = 5' VERT



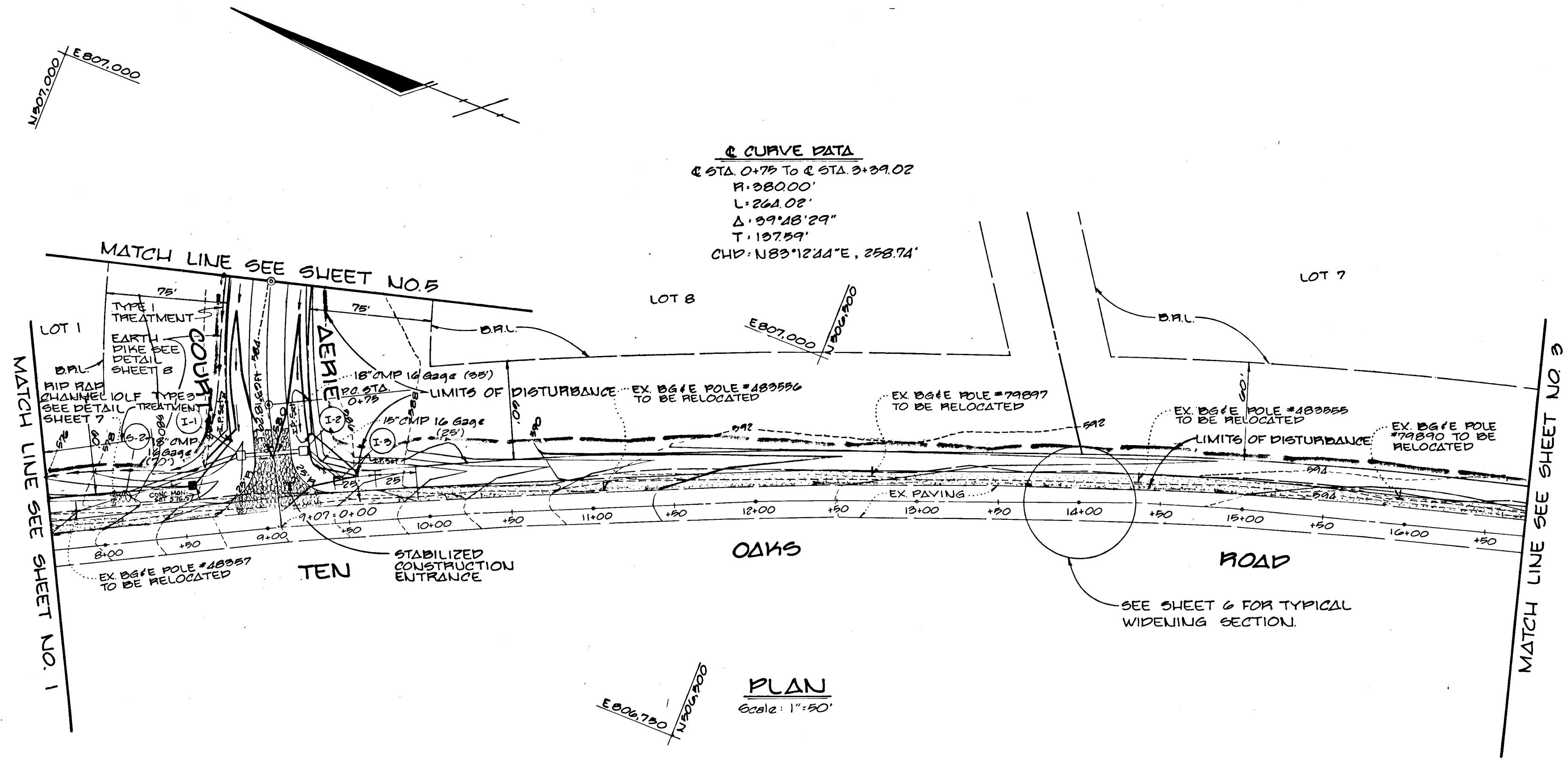
APPROVED
 DEPARTMENT OF PUBLIC WORKS
 CHIEF, LAND DEVELOPMENT DIVISION
 DATE 4-28-88

APPROVED
 DEPARTMENT OF PUBLIC WORKS
 CHIEF, BUREAU OF HIGHWAYS
 DATE 4-27-88

APPROVED
 DEPARTMENT OF PUBLIC WORKS
 CHIEF, BUREAU OF HIGHWAYS
 DATE 4-27-88

APPROVED
 OFFICE OF PLANNING AND ZONING
 COMMUNITY PLANNING AND LAND DEVELOPMENT
 DATE 4/28/88

PROFILE
 SURVEYED
 PLOTTED
 GRACES CHECKED
 STRUCTURE NOTATIONS CHECKED
 NOTE BOOK NO.



Reviewed for Howard S.C.D.
 Name
 and meets Technical Requirements
 Signature James M. Helling Date 4/24/88
 U.S. Soil Conservation Service

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
 Approved Howard S.C.D.
 Howard S.C.D.

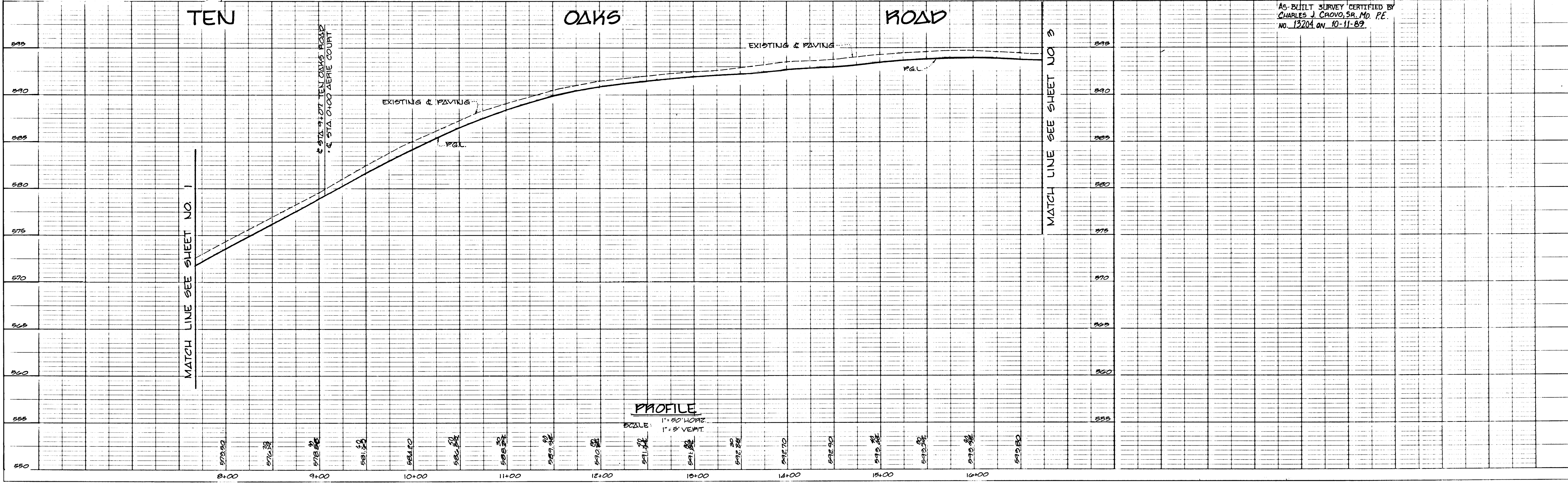


CHARLES J. CROVO SR. 2/28/88 DATE

EAGLE POINT LANDING
 LOTS 1-16
 5th ELECTION DISTRICT
 HOWARD COUNTY MARYLAND
TEN OAKS ROAD
 PLAN & PROFILE

OWNER AND DEVELOPER
 TALBOTT PROPERTY PARTNERSHIP
 PO BOX 18
 ELLICOTT CITY, MARYLAND 21043

SCALE AS SHOWN DATE JAN 29 1988 DWG NO. 2 OF 3
 DES. WCB DRN WCB CHK CJC
 FISHER, COLLINS AND CARTER, INC.
 CIVIL ENGINEERS AND LAND SURVEYORS
 8388 COURT AVE ELLICOTT CITY, MARYLAND 21043



AS-BUILT SURVEY CERTIFIED BY
 CHARLES J. CROVO, SR. MD. P.E.
 NO. 13204 ON 10-11-89

PROFILE
 SCALE: 1"=50' HORIZ
 1"=5' VERT

1355

Reviewed for *Howard S.C.D.* S.C.D.
 Name
 and meets Technical Requirements
 Signature *Charles J. Crovo Sr.* Date *4/27/88*
 U.S. Soil Conservation Service

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
 Approved *Stephen L. Johnson* Date *4/27/88*
 Howard S.C.D.



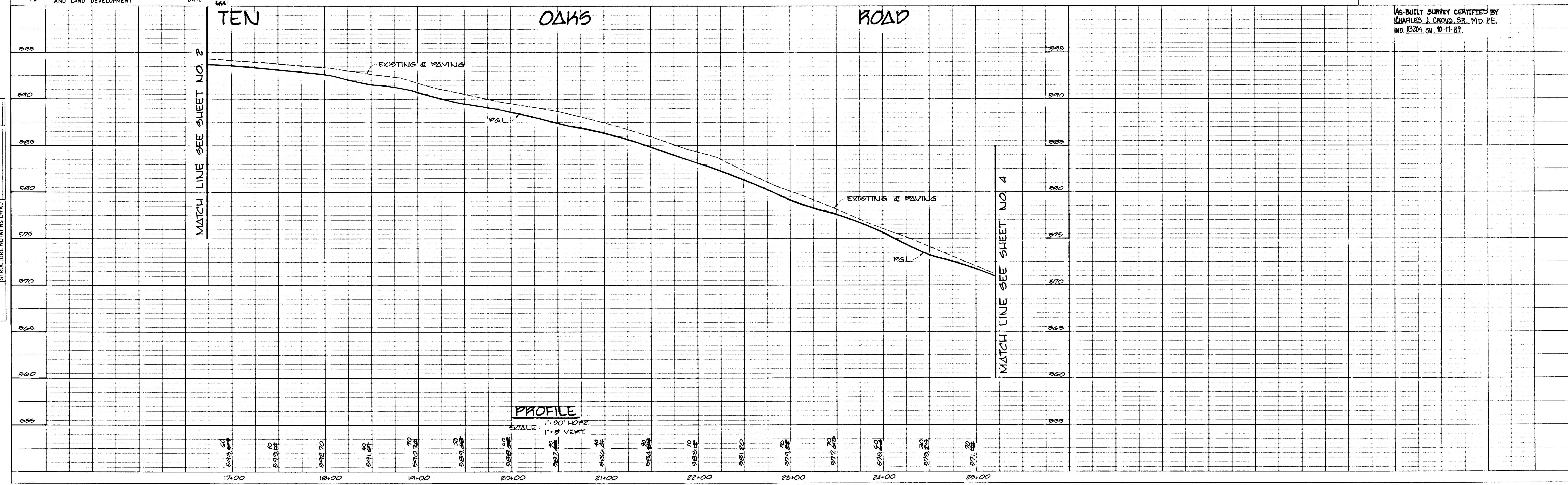
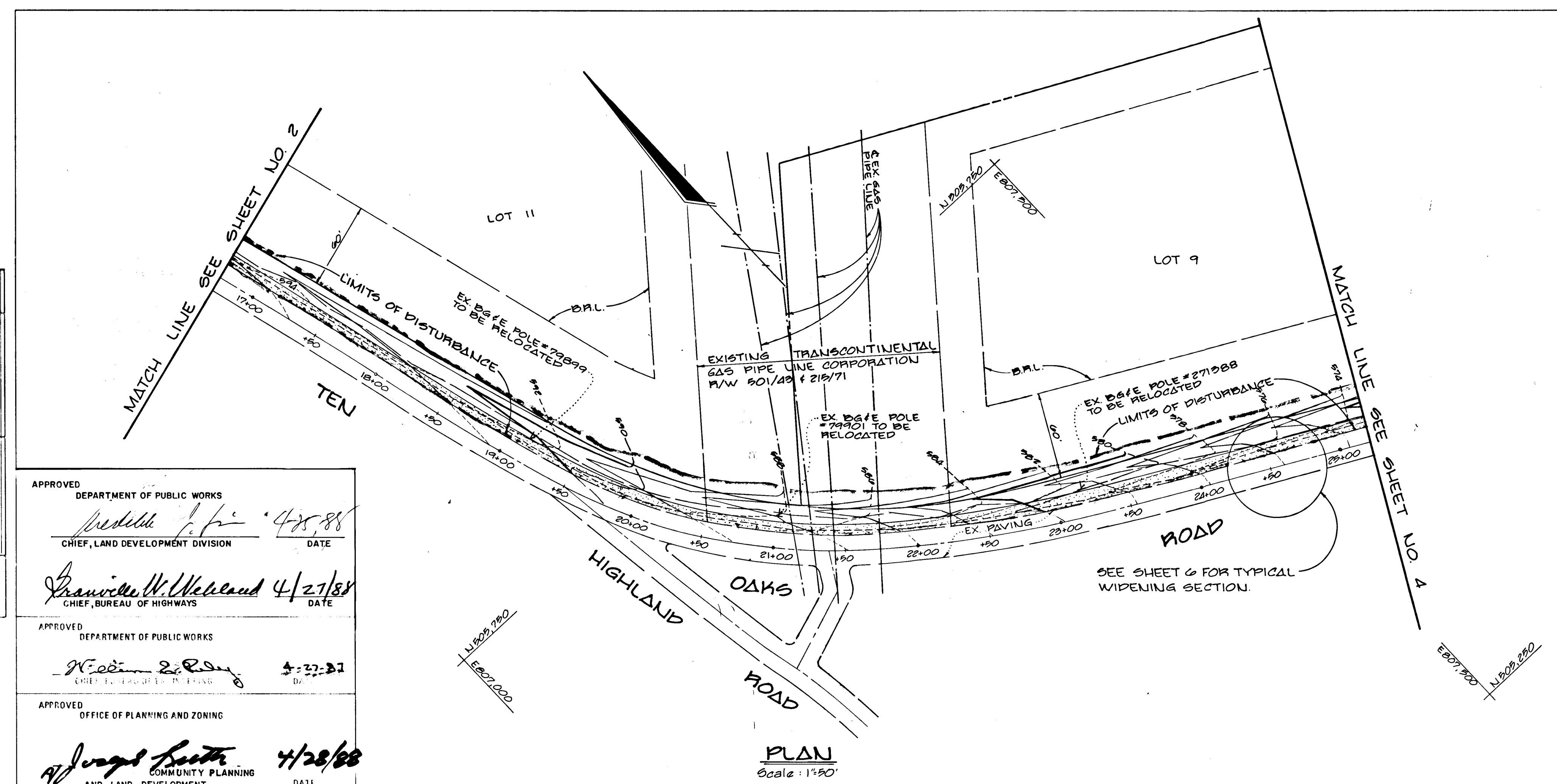
Charles J. Crovo Sr. DATE *4/27/88*
 CHARLES J. CROVO SR.

EAGLE POINT LANDING
 LOTS 1-16
 8TH ELECTION DISTRICT
 HOWARD COUNTY MARYLAND
TEN OAKS ROAD
 PLAN & PROFILE

OWNER AND DEVELOPER
TALBOTT PROPERTY PARTNERSHIP
 P.O. BOX 12
 ELLICOTT CITY, MARYLAND 21043

SCALE AS SHOWN DATE JAN. 29, 1988 DWG NO. 3 OF 8
 DES. WCB DRL. WCB CHK. CJC
FISHER COLLINS AND CARTER, INC.
 CIVIL ENGINEERS AND LAND SURVEYORS
 8388 COURT AVE. ELLICOTT CITY, MARYLAND 21043

AS-BUILT SURVEY CERTIFIED BY
CHARLES J. CROVO SR., MD. P.E.
 NO. 13204, ON 10-11-87.



PLANNING
 SURVEYED
 PLOTTED
 CHECKED
 NOTE BOOK NO. 1

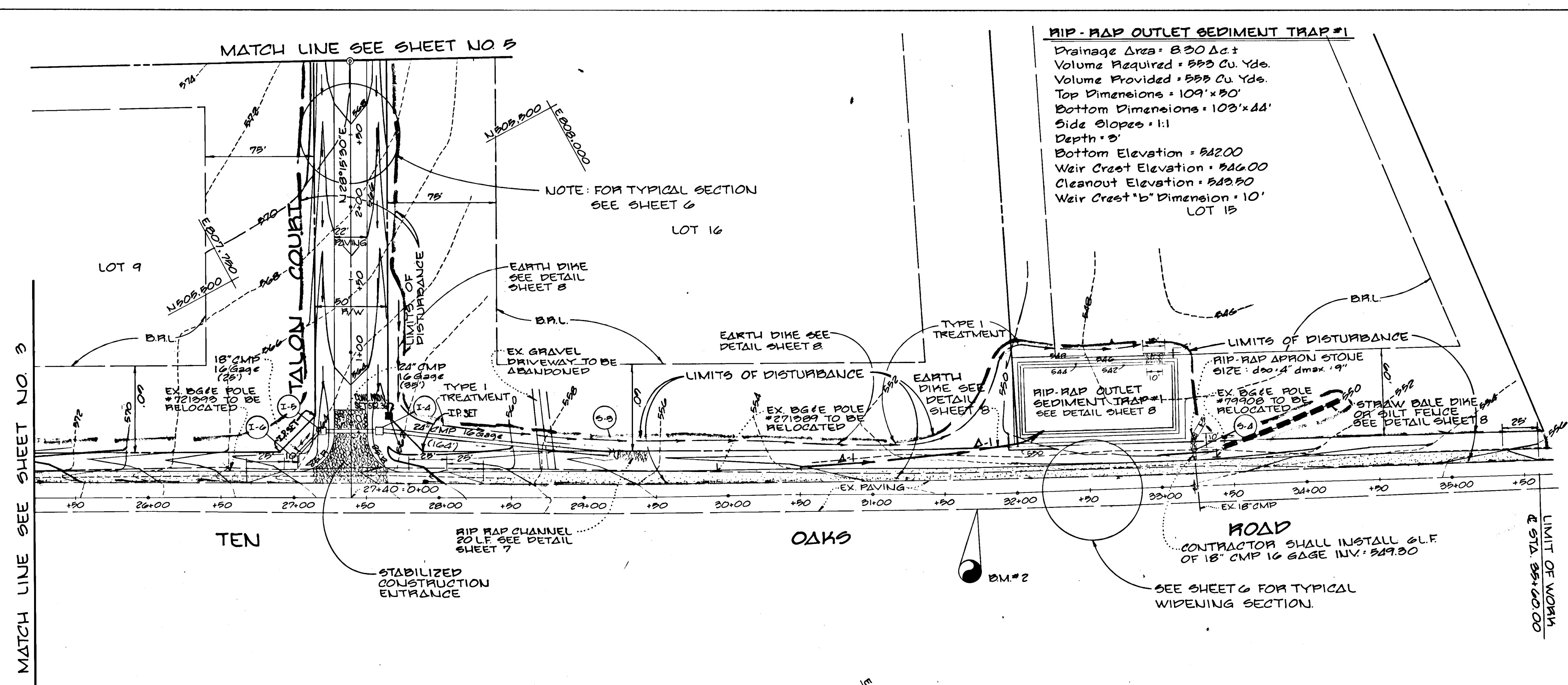
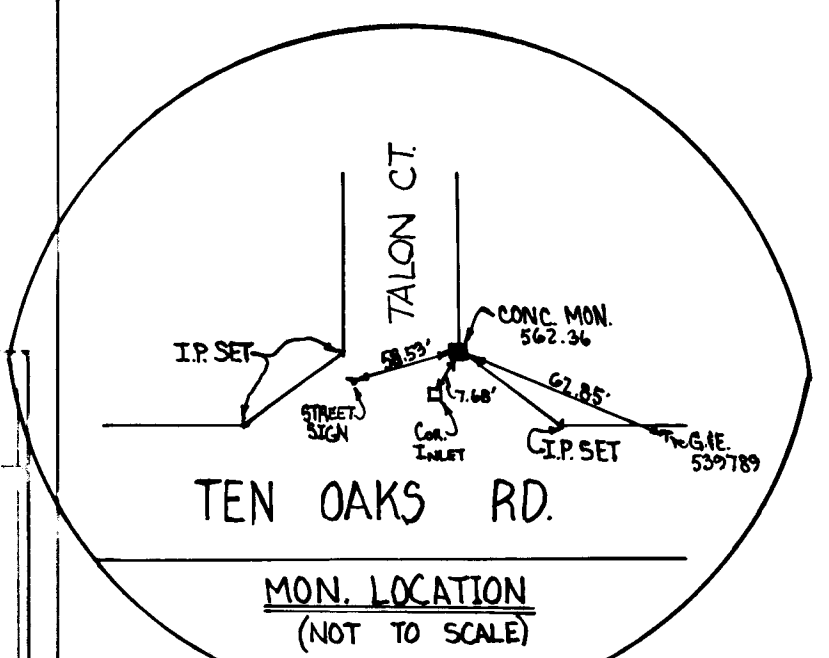
PLANNING
 SURVEYED
 PLOTTED
 CHECKED
 NOTE BOOK NO. 1

APPROVED
 DEPARTMENT OF PUBLIC WORKS
William W. McLeod DATE *4/28/88*
 CHIEF, LAND DEVELOPMENT DIVISION
William W. McLeod DATE *4/27/88*
 CHIEF, BUREAU OF HIGHWAYS

APPROVED
 DEPARTMENT OF PUBLIC WORKS
William W. McLeod DATE *4/27/88*
 CHIEF, BUREAU OF HIGHWAYS

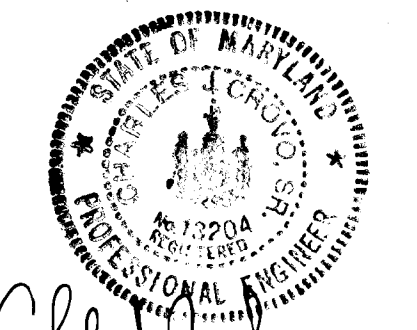
APPROVED
 OFFICE OF PLANNING AND ZONING
Joseph Smith DATE *4/28/88*
 COMMUNITY PLANNING AND LAND DEVELOPMENT

1255



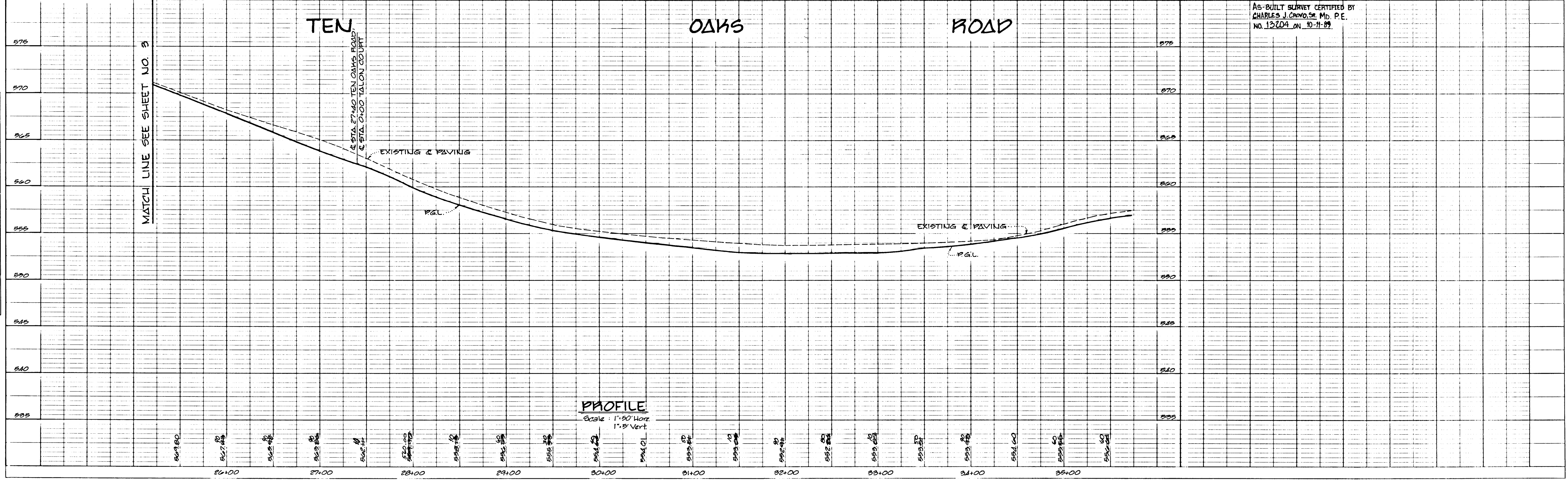
Reviewed for Howard S.C.D.
 Name
 and meets Technical Requirements
 Signature James M. Hester Date 4/20/88
 U.S. Soil Conservation Service

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
Howard S.C.D.



CHARLES J. CRAVO SR. 2/23/88 DATE
EAGLE POINT LANDING
 LOTS 1-16
 5TH ELECTION DISTRICT
 HOWARD COUNTY MARYLAND
TEN OAKS ROAD
 PLAN & PROFILE
 OWNER AND DEVELOPER
TALBOTT PROPERTY PARTNERSHIP
 P.O. BOX 15
 ELLICOTT CITY, MARYLAND 21043
 SCALE AS SHOWN DATE JAN 29, 1988 DWG. NO. 4 OF 3
 DES. WCB DRN. WCB CHK. CJC
FISHEE, COLLINS AND CARTER, INC.
 CIVIL ENGINEERS AND LAND SURVEYORS
 838R COURT AVE ELLICOTT CITY, MARYLAND 21043

APPROVED DEPARTMENT OF PUBLIC WORKS
Francis W. Ulanowicz 4/27/88 DATE
 CHIEF, BUREAU OF HIGHWAYS
 APPROVED DEPARTMENT OF PUBLIC WORKS
Michelle H. 4/27/88 DATE
 CHIEF, LAND DEVELOPMENT DIVISION
 APPROVED DEPARTMENT OF PUBLIC WORKS
Richard S. Remy 4-27-88 DATE
 CHIEF, OFFICE OF PLANNING AND ZONING
Joseph Smith 4/28/88 DATE
 COMMUNITY PLANNING AND LAND DEVELOPMENT



AS-BUILT SURVEY CERTIFIED BY
 CHARLES J. CRAVO SR. MD. P.E.
 NO. 12704 ON 10-11-89

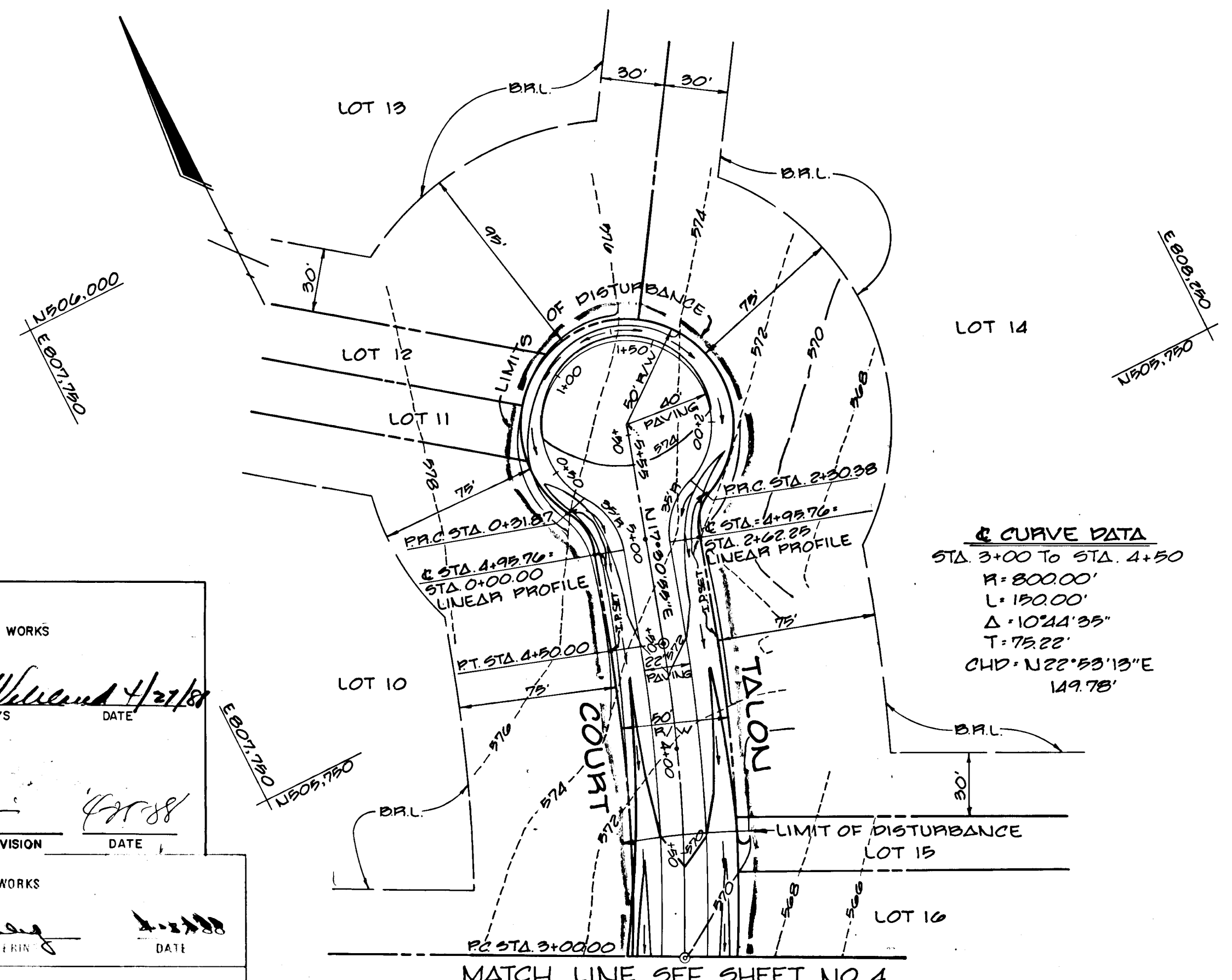
1255

DATE: _____ BY: _____
 SURVEYED: _____
 NOTES: _____
 PLAN NO. _____

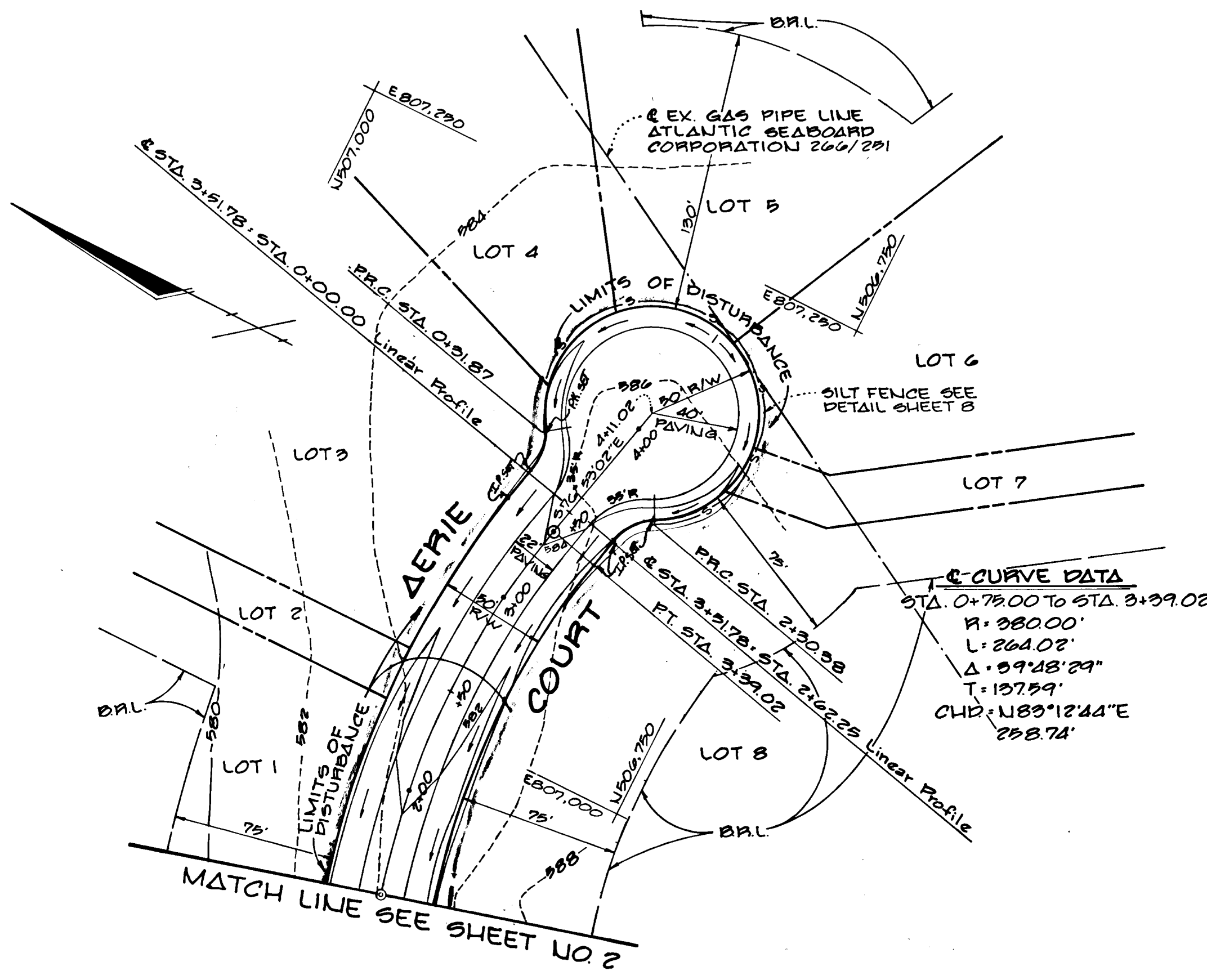
APPROVED: *Francis W. Wilson* 4/22/88
 DEPARTMENT OF PUBLIC WORKS
 CHIEF, BUREAU OF HIGHWAYS
 DATE: 4/22/88

APPROVED: *M. L. ...* 4/22/88
 DEPARTMENT OF PUBLIC WORKS
 CHIEF, LAND DEVELOPMENT DIVISION
 DATE: 4/22/88

APPROVED: *...* 4/22/88
 OFFICE OF PLANNING AND ZONING
 COMMUNITY PLANNING AND LAND DEVELOPMENT
 DATE: 4/22/88



PLAN
 Scale: 1" = 50'



EAGLE POINT LANDING
 LOTS 1-16
 5th ELECTION DISTRICT
 HOWARD COUNTY MARYLAND

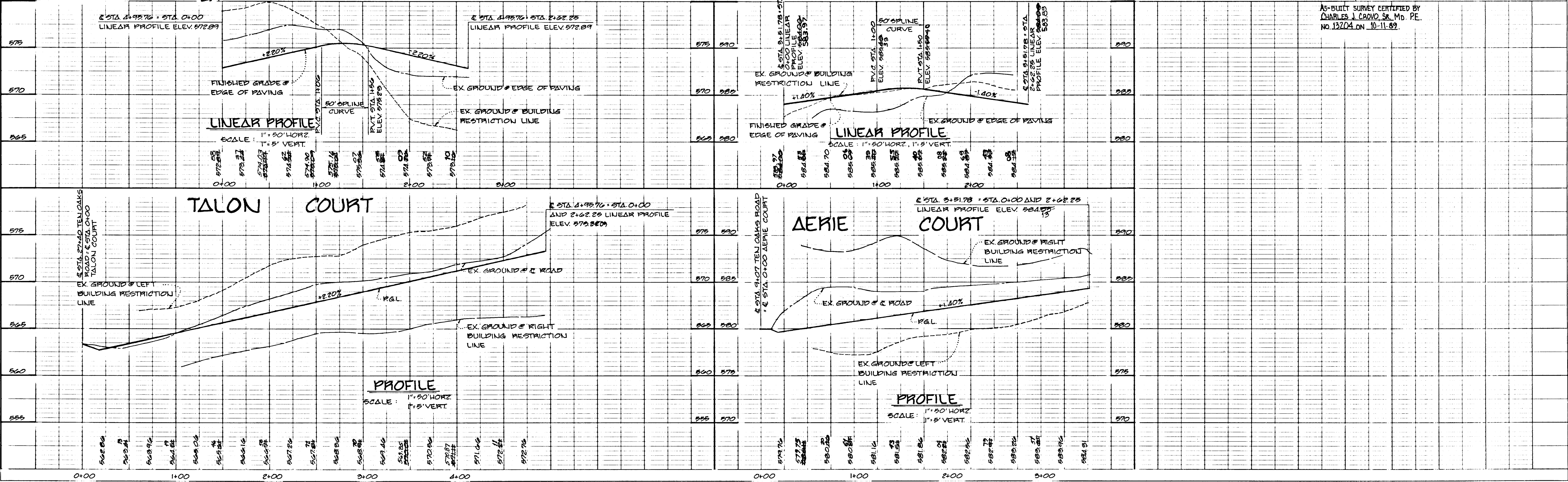
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 PLAN & PROFILE

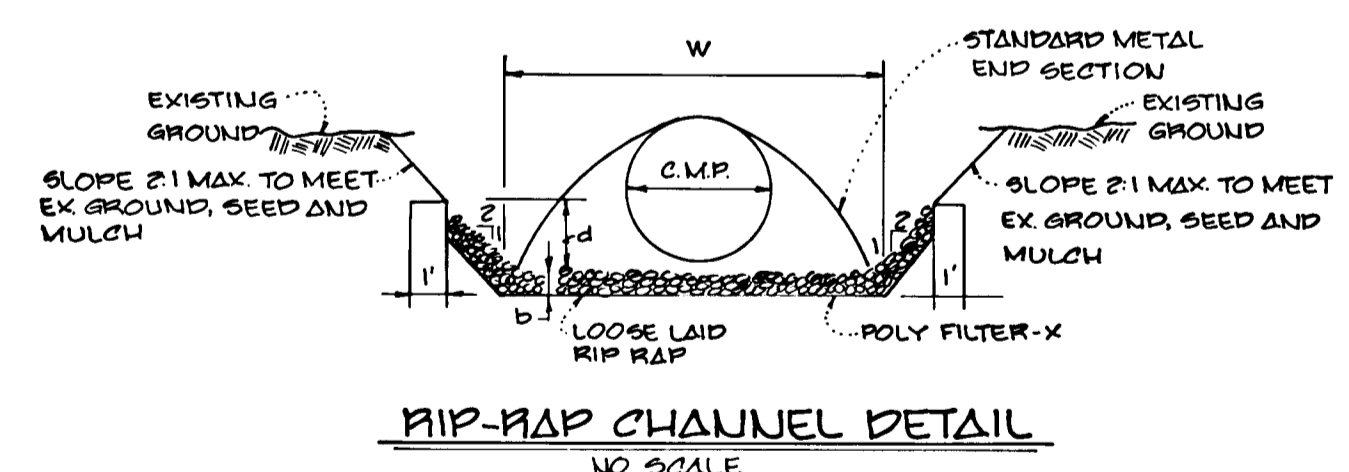
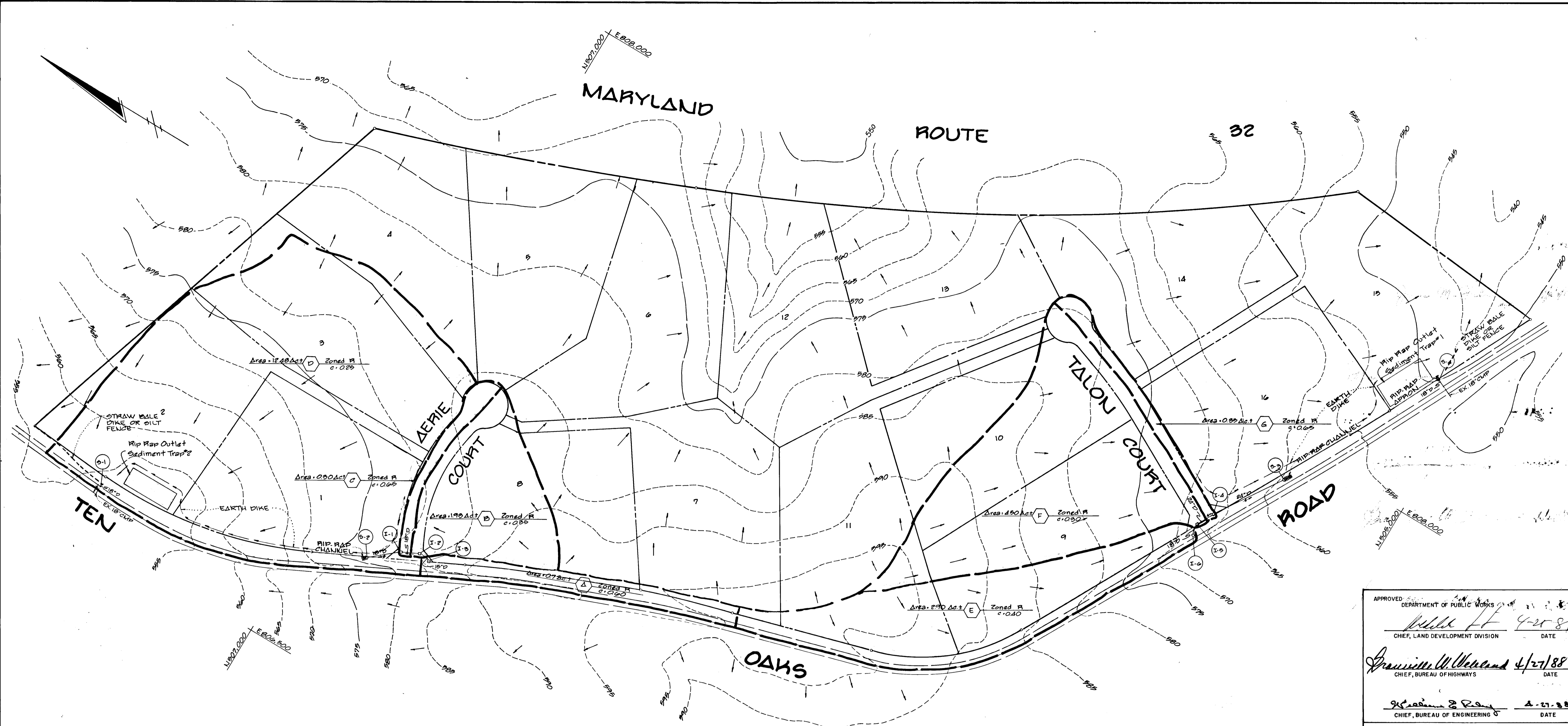
OWNER AND DEVELOPER:
TALBOTT PROPERTY PARTNERSHIP
 PO BOX 15
 ELLICOTT CITY, MARYLAND 21043

SCALE AS SHOWN DATE JAN 27, 1988 DWG NO. 8 OF 8
 DES WCB URN WCB CHK CJC

FISHER, COLLINS AND CARTER, INC.
 CIVIL ENGINEERS AND LAND SURVEYORS
 8388 COURT AVE. ELLICOTT CITY, MARYLAND 21043

DATE: _____ BY: _____
 SURVEYED: _____
 NOTES: _____
 PROFILE NO. _____





PLAN
Scale: 1" = 100'

APPROVED: *William H. ...* 4-25-88
 CHIEF, LAND DEVELOPMENT DIVISION DATE

James W. ... 4/27/88
 CHIEF, BUREAU OF HIGHWAYS DATE

James E. ... 4-27-88
 CHIEF, BUREAU OF ENGINEERING DATE

APPROVED: *James ...* 4/20/88
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

RIP-RAP CHANNEL DESIGN DATA													
STRUCTURE	Δ*	P†	R	R 2/3	S	S 1/2	n	Q	V	d	W	RIP RAP SIZE	b
S-3	4.92	9.00	24.27	.6686	1.217	.04	14.9 c.f.s.	302 f.p.s.	0.67	6.0'	6'	9"	14"
S-2	2.45	6.88	22.61	.5024	2.50%	.1281	.04	7.2 c.f.s.	278 f.p.s.	5.0'	4'	6"	9"

STRUCTURE SCHEDULE						
STRUCT.	TYPE	TOP ELEVATION	INV. IN	INV. OUT	ROAD & STA.	REMARKS
I-1	18" INLET W/GRATE	579.20 16	574.20 77	574.20 10	0+22.00 AERIE COURT @ 19' FROM E	DRWG. S.D. 413
I-2	"	578.97 40	574.20 77	574.20 74	0+22.00 AERIE COURT @ 19' FROM E	"
I-3	"	581.20 21	-	576.00 63	9+28.50 TEN OAKS RD @ 27' FROM E	"
I-4	"	562.20 40	557.00 74	557.00 74	0+22.00 TALON COURT @ 19' FROM E	"
I-5	"	562.20 37	557.00 74	557.00 74	0+22.00 TALON COURT @ 19' FROM E	"
I-6	"	562.20 37	557.00 74	557.00 74	27+01.90 TEN OAKS RD @ 27' FROM E	"
S-1	24" STD METAL END SECTION	597.55	596.00	-	1+26.50 TEN OAKS RD @ 19' FROM E	DRWG. S.D. 561
S-2	"	572.20 70	-	572.20 20	8+19 TEN OAKS ROAD @ 24' FROM E	"
S-3	"	556.20 44	-	554.20 44	29+23 TEN OAKS RD @ 30' FROM E	"
S-4	"	550.72	-	549.22	29+23 TEN OAKS RD @ 28' FROM E	"

STATE OF MARYLAND
 DEPARTMENT OF PUBLIC WORKS
Charles J. ...
 CHARLES J. PROVO, SR. DATE

DRAINAGE AREA MAP
EAGLE POINT LANDING
 LOTS 1-16
 FIFTH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 SCALE: AS SHOWN
 JANUARY 29, 1988
 SHEET 7 OF 8

OWNER AND DEVELOPER
 TALBOTT PROPERTY PARTNERSHIP
 PO BOX 15
 ELLICOTT CITY, MARYLAND 21043

FISHER, COLLINS AND CARTER, INC.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 8388 COURT AVENUE
 ELLICOTT CITY, MARYLAND 21043
 TELEPHONE: (301) 461-2855

1355

PERMANENT SEEDING NOTES:
 APPLY TO GRADED OR CLEARED AREAS NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-LIVED VEGETATIVE COVER IS WANTED.

SEEDING PREPARATION: LOOSEN UPPER THREE-INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING. IF NOT PREVIOUSLY LOOSENED, SOIL ANCHORS MUST BE IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING SCHEDULES:

- 1) PREPARED - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQ.FT.) AND 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ.FT.) BEFORE SEEDING.
- 2) ACCEPTABLE - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQ.FT.) AND 1000 LBS PER ACRE 10-10-10 FERTILIZER (23 LBS/1000 SQ.FT.) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE-INCHES OF SOIL.

SEEDING: FOR PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 1 THRU OCTOBER 15, SEED WITH 60 LBS. PER ACRE (1.4 LBS/1000 SQ.FT.) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THRU JULY 31, SEED WITH 60 LBS. KENTUCKY 31 TALL FESCUE PER ACRE AND 2 LBS. PER ACRE (.05 LBS/1000 SQ.FT.) OF WEeping LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THRU FEBRUARY 28, PROTECT SITE BY OPTION (1) 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OPTION (2) USE SOD. OPTION (3) SEED WITH 60 LBS/ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TONS/ACRE WILL ANCHORED STRAW.

MULCHING: APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ.FT.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GALLONS PER ACRE (5 GAL/1000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES 8 FEET OR HIGHER, USE 348 GALLONS PER ACRE (8 GAL/1000 SQ.FT.) FOR ANCHORING. MAINTENANCE: INSPECT ALL SEEDING AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

TEMPORARY SEEDING NOTES:
 APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS WANTED.

SEEDING PREPARATION: LOOSEN UPPER THREE-INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING. IF NOT PREVIOUSLY LOOSENED, SOIL ANCHORS MUST BE IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING SCHEDULES:

- 1) PREPARED - APPLY 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ.FT.) BEFORE SEEDING.
- 2) ACCEPTABLE - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQ.FT.) AND 1000 LBS PER ACRE 10-10-10 FERTILIZER (23 LBS/1000 SQ.FT.) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE-INCHES OF SOIL.

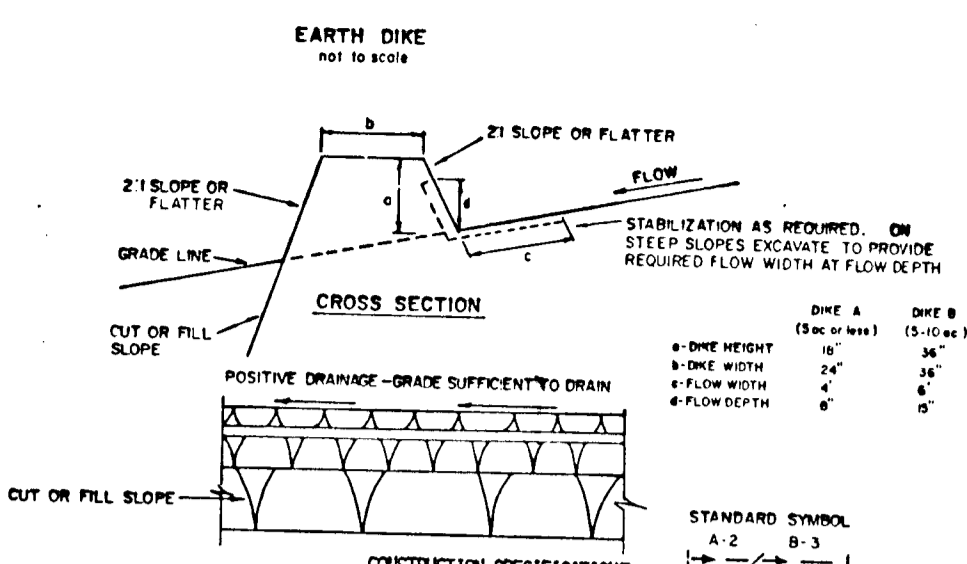
SEEDING: FOR PERIODS MARCH 1 THRU APRIL 30 AND FROM AUGUST 15 THRU NOVEMBER 15, SEED WITH 2 1/2 BUSHEL PER ACRE OF ANNUAL RYE (3.7 LBS/1000 SQ.FT.). FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 2 1/2 BUSHEL PER ACRE OF WEeping LOVEGRASS (.07 LBS/1000 SQ.FT.). FOR THE PERIOD NOVEMBER 16 THRU FEBRUARY 28, PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OR USE SOD.

MULCHING: APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ.FT.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GAL PER ACRE (5 GAL/1000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES 8 FT. OR HIGHER, USE 348 GAL PER ACRE (8 GAL/1000 SQ.FT.) FOR ANCHORING.

REFER TO THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

CONSTRUCTION SEQUENCE:

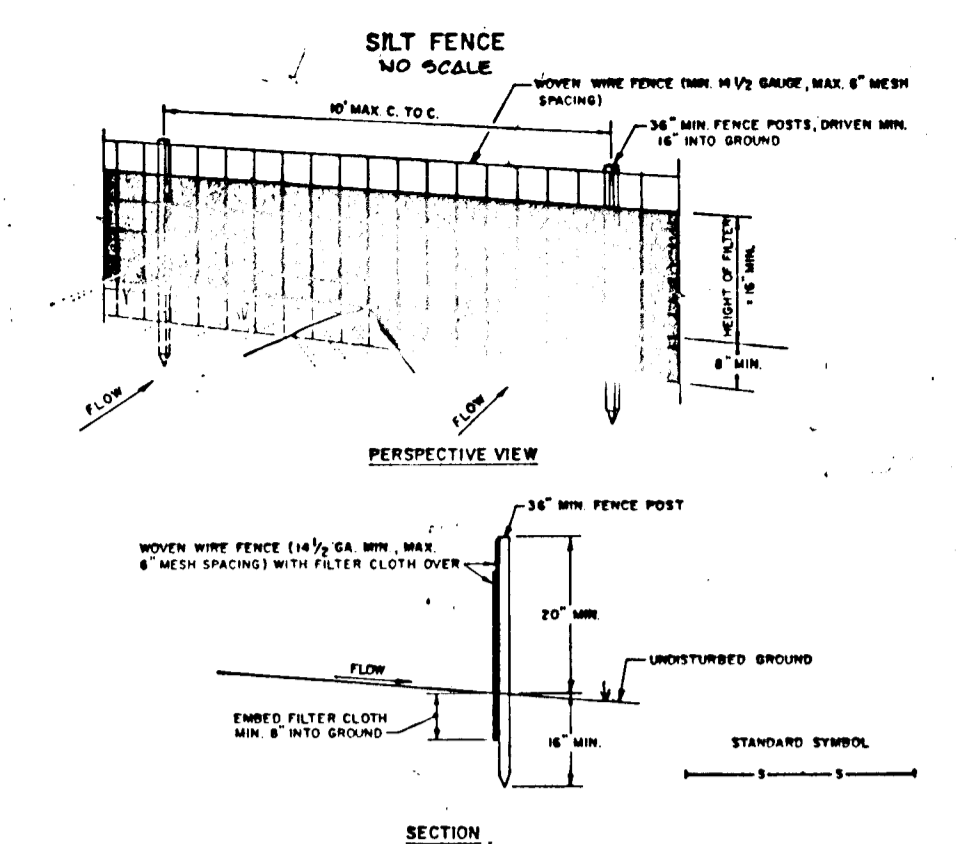
1. OBTAIN GRADING PERMIT.
2. CONSTRUCT STABILIZED CONSTRUCTION ENTRANCES AND SEDIMENT TRAPS AS SHOWN ON PLAN. STABILIZE THE TRAPS WITH TEMPORARY SEEDING. INSTALL STRAW BALES OR SILT FENCE AS SHOWN ON THE PLAN. CONSTRUCT EARTH DIKES AND STABILIZE WITH TEMPORARY SEEDING.
3. GRADE ROADS TO SUBGRADE.
4. CONSTRUCT STORM DRAIN SYSTEM.
5. THE CONTRACTOR SHALL INSPECT AND PROVIDE NECESSARY MAINTENANCE ON THE SEDIMENT AND EROSION CONTROL STRUCTURES SHOWN HEREON. AFTER EACH RAINFALL AND ON A DAILY BASIS.
6. SEDIMENT SHALL BE REMOVED FROM THE TRAPS WHEN THE CLEANOUT ELEVATION HAS BEEN REACHED.
7. THE SEDIMENT TRAPS SHALL BE DEWATERED BY PUMPING.
8. REMOVE SEDIMENT FROM ROADWAYS AND DRESS STONE CONSTRUCTION ENTRANCE AS REQUIRED.
9. FLUSH STORM DRAIN SYSTEM TO REMOVE ANY TRAPPED SEDIMENT.
10. REMOVE STONE CONSTRUCTION ENTRANCE AND STRAW BALE DIKE/SILT FENCE. CLEAN BASE COURSE. APPLY TACK COAT TO BASE COURSE AND LAY SURFACE COURSE.
11. ALL DISTURBED AREAS DUE TO REMOVAL OF SEDIMENT CONTROL MEASURES SHALL BE GRADED AND STABILIZED BY PERMANENT SEEDING.
12. FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN A 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, SWALES, DITCH PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1; B) 14 DAYS FOR ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
13. COMPLETE STABILIZATION OF ALL DISTURBED AREAS SHALL BE DONE PRIOR TO REMOVAL OF ALL SEDIMENT CONTROLS.
14. NOTIFY HOWARD COUNTY OFFICE OF INSPECTION AND PERMITS FOR FINAL INSPECTION AT DURATION OF PROJECT.



FLOW CHANNEL STABILIZATION

TYPE OF TREATMENT	CHANNEL SIZE	DIKE A	DIKE B
1	5-3.00	SEED AND STRAW MULCH	SEED AND STRAW MULCH
2	3.1-5.00	SEED AND STRAW MULCH	SEED USING JUTE, OR COARSEST SIZE OF STONE
3	5.1-8.00	SEED WITH JUTE, OR SOD	LINED RIP-RAP 4-8"
4	8.1-20.00	LINED RIP-RAP 4-8"	ENGINEERING DESIGN

A. STONE TO BE 2 INCH STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT, IN A LAYER AT LEAST 3 INCHES IN THICKNESS AND BE PRESSED INTO THE SOIL WITH CONSTRUCTION EQUIPMENT.
 B. RIP-RAP TO BE 4-8 INCHES IN A LAYER AT LEAST 3 INCHES THICKNESS AND PRESSED INTO THE SOIL.
 C. APPROVED EQUIVALENTS CAN BE SUBSTITUTED FOR ANY OF THE ABOVE MATERIALS.
 7. PERIODIC INSPECTION AND NEEDED MAINTENANCE MUST BE PROVIDED AFTER EACH RAIN EVENT.



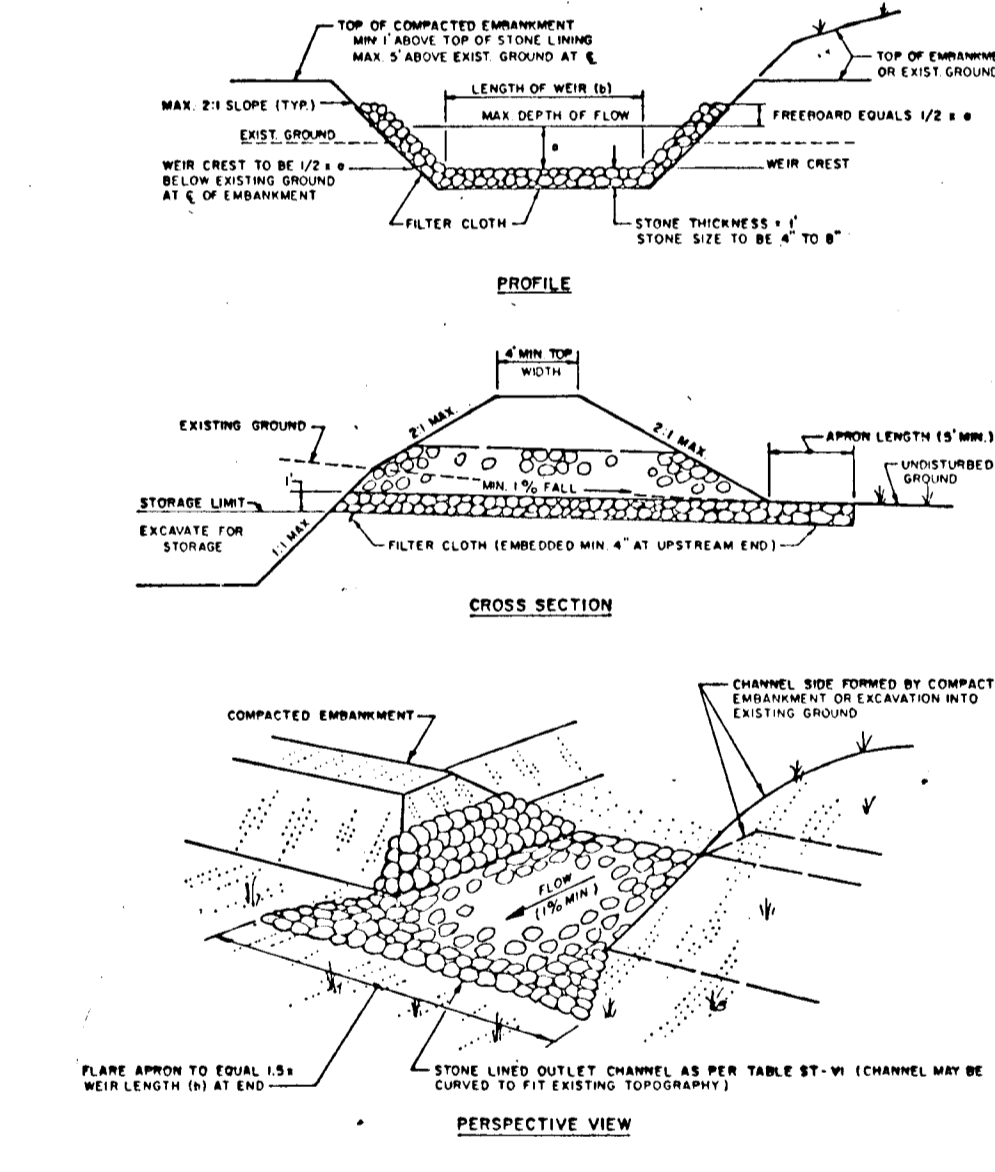
CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

POSTS: STEEL EITHER 1" U TYPE OR 2" WROUGHT IRON
 FENCE: WOVEN WIRE, 36 GAL. 6" MAX. TENSILE STRENGTH
 FILTER CLOTH: FILTER #1, 100% POLYPROPYLENE, 1200 G.P.M. (100) OR APPROVED EQUAL
 PREFABRICATED UNIT: GEOTEX, GEOTEX/2, OR APPROVED EQUAL

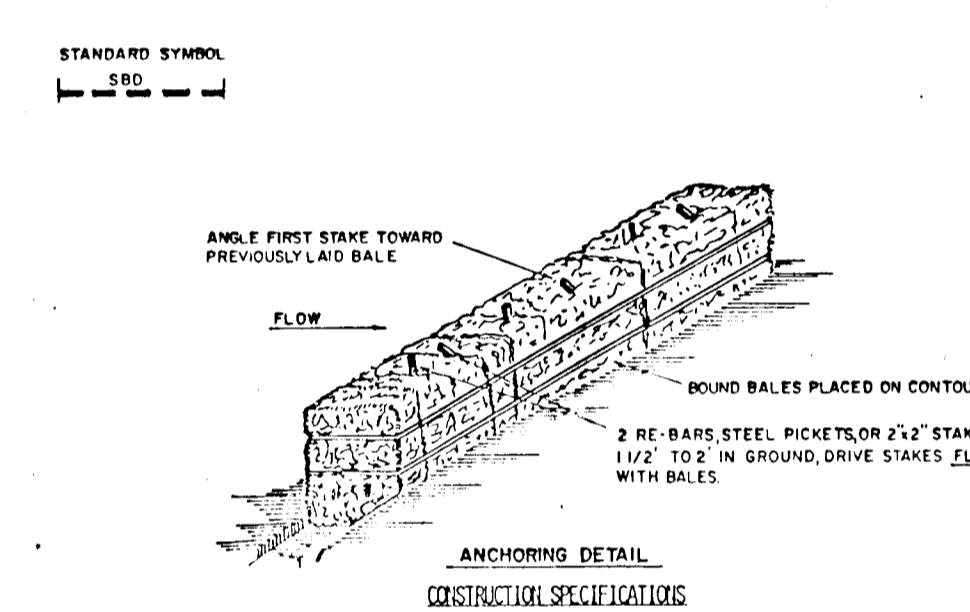
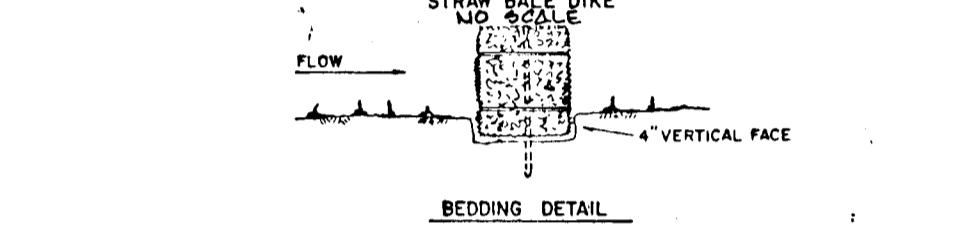
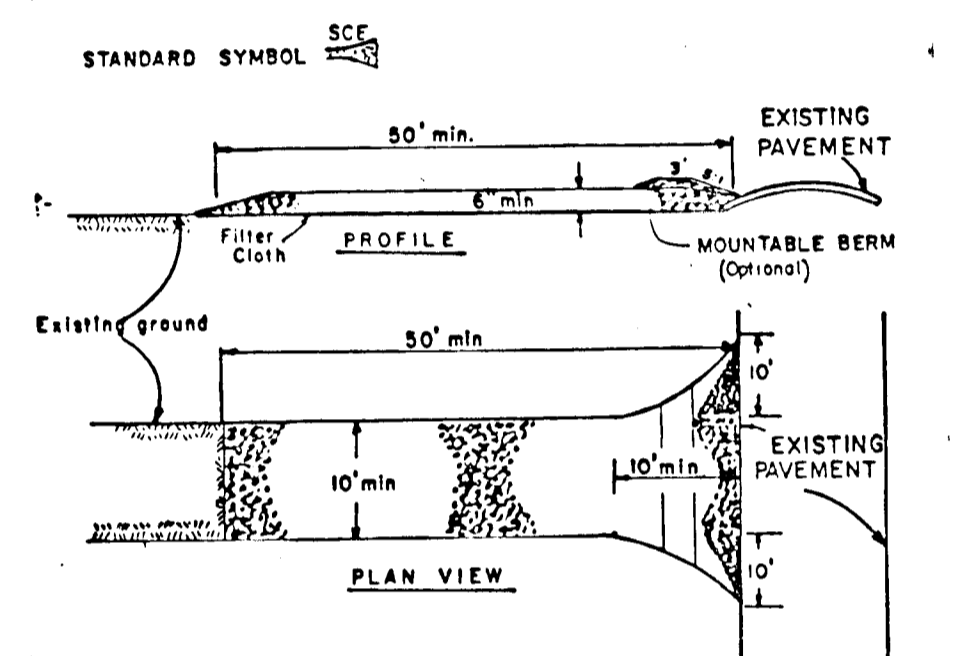
CONSTRUCTION SPECIFICATIONS FOR ST-VI

1. The area under embankment shall be cleared, grubbed and stripped of any vegetation and root mat. The pool area shall be cleared.
2. The fill material for the embankment shall be free of roots or other woody vegetation as well as over-sized stones, rocks, organic material or other objectionable material. The embankment shall be compacted by traversing with equipment while it is being constructed. Maximum height of embankment shall be five (5) feet, measured at centerline of embankment.
3. All fill slopes shall be 2:1 or flatter; cut slopes 1:1 or flatter.
4. Elevation of the top of any dike directing water into trap must equal or exceed the height of embankment.
5. Storage area provided shall be figured by computing the volume available behind the outlet channel up to an elevation of one (1) foot below the level weir crest.
6. Filter cloth shall be placed over the bottom and sides of the outlet channel prior to placement of stone. Sections of fabric must overlap at least one (1) foot with section nearest the entrance placed on top. Fabric shall be embedded at least six (6) inches into existing ground at entrance of outlet channel.
7. Stone used in the outlet channel shall be four (4) to eight (8) inches (riprap). To provide a filtering effect, a layer of filter cloth shall be embedded one (1) foot back into the upstream face of the outlet stone or one (1) foot thick layer of two (2) inch or finer aggregate shall be placed on the upstream face of the outlet.
8. Sediment shall be removed and trap restored to its original dimensions when the sediment has accumulated to 1/2 the design depth of the trap. Removed sediment shall be deposited in a suitable area and in such a manner that it will not erode.
9. The structure shall be inspected after each rain and repaired as needed.
10. Construction operations shall be carried out in such a manner that erosion and water pollution are minimized.
11. The structure shall be removed and the area stabilized when the drainage area has been properly stabilized.
12. Drainage area for this practice is limited to 15 acres or less.

RIPRAP OUTLET SEDIMENT TRAP ST-VI

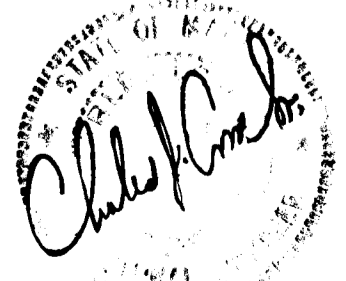


STABILIZED CONSTRUCTION ENTRANCE



FISHER, COLLINS AND CARTER, INC.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 8308 COURT AVENUE
 ELLICOTT CITY, MARYLAND 21043
 TELEPHONE: (301) 461-2855

OWNER AND DEVELOPER
 TALBOTT PROPERTY PARTNERSHIP
 P.O. BOX 15
 ELLICOTT CITY, MARYLAND 21043



ENGINEER'S CERTIFICATE
 I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.
 Charles H. Carter 2/28/88
 SIGNATURE OF ENGINEER DATE

DEVELOPER'S CERTIFICATE
 "I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."
 Charles H. Carter 2-24-88
 SIGNATURE OF DEVELOPER DATE

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.
 U.S. SOIL CONSERVATION DISTRICT DATE

THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
 APPROVED:
 District Engineer 4/1/88
 DISTRICT DATE
 HOWARD SOIL CONSERVATION DISTRICT

APPROVED: OFFICE OF PLANNING AND ZONING
 Planning and Land Development 4/28/88
 DATE

APPROVED: DEPARTMENT OF PUBLIC WORKS
 Chief, Bureau of Engineering 4-23-88
 DATE

APPROVED: DEPARTMENT OF PUBLIC WORKS
 Chief, Bureau of Highways 11/7/88
 DATE

APPROVED: DEPARTMENT OF PUBLIC WORKS
 Chief, Land Development Division 8/27/88
 DATE

SEDIMENT CONTROL NOTES AND DETAILS
 EAGLE POINT LANDING
 LOTS 1-16
 FIFTH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 SCALE: AS SHOWN
 JANUARY 29, 1988
 SHEET 2 OF 8

1355