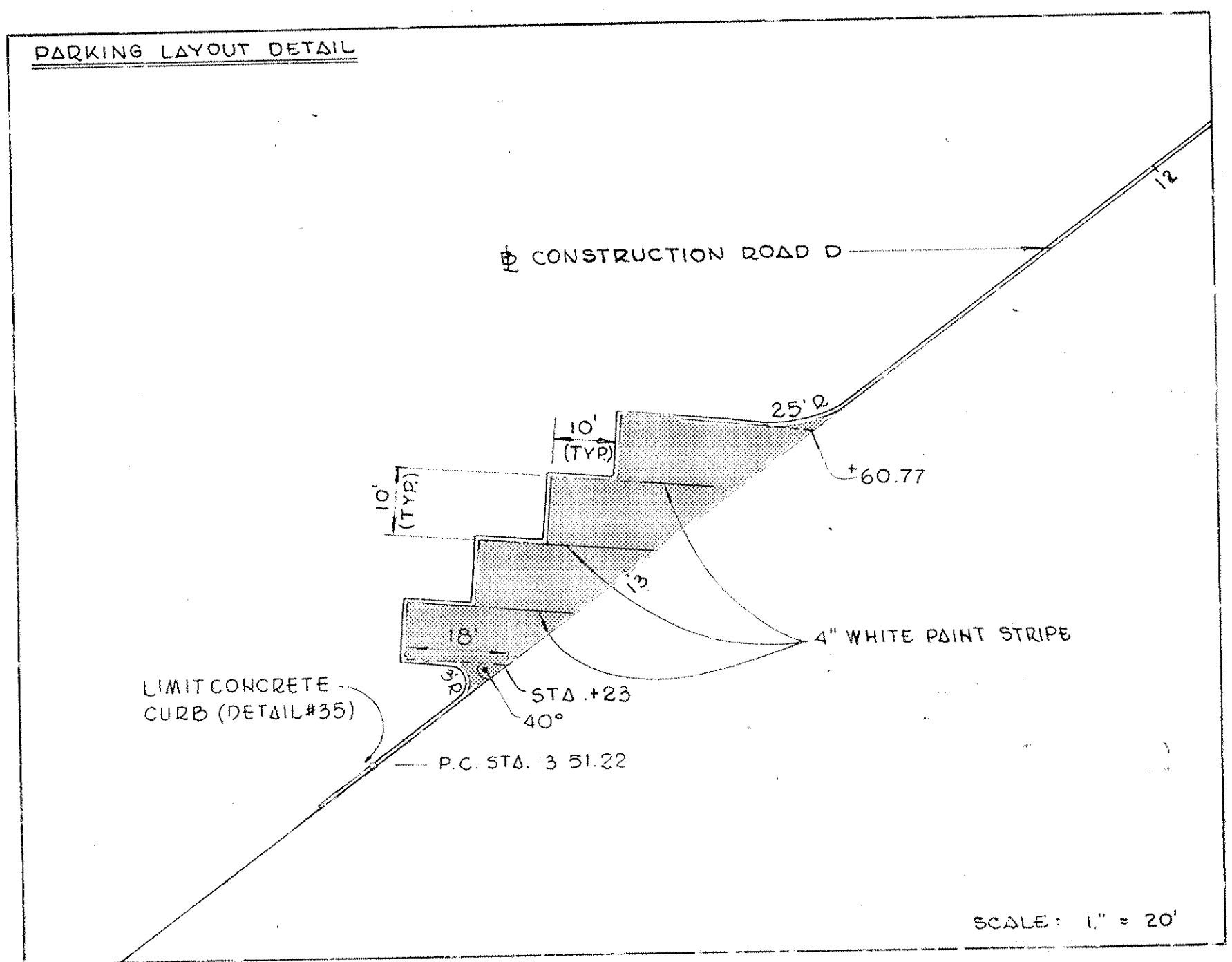


MATCH LINE (SEE DWG. NO. ST-2)

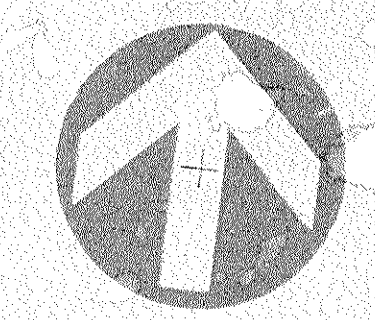
MATCH LINE (SEE DWG. NO. ST-4)



CURVE DATA				
CURVE	DELTA	RADIUS	LENGTH	TANGENT
1	61° 29' 17"	300.00	321.95'	178.44'
4	46° 32' 41"	275.00	223.40'	118.28'
5	51° 58' 07"	400.00	362.81'	194.96'
14	08° 02' 26"	1100.00'	154.52'	77.39'
15	29° 08' 06"	200.00'	101.70'	51.97'
16	164° 31' 22"	95.00'	272.79'	699.09'

COORDINATE DATA					
CURVE	ROAD	STATION	NORTHING	EASTING	
1 -	P.C.	A	10+30.28	37099.415	614692.662
	P.T.		13+52.23	371246.111	614614.881
4 -	P.C.	B	10+71.26	371408.397	615121.700
	P.T.		12+94.66	371283.146	614944.120
5 -	P.C.	B	16+27.23	372999.676	614770.197
	P.T.		19+90.04	370811.433	614474.536
14 -	P.C.	D	9+78.48	371408.616	615073.608
	P.C.C.		11+33.00	371342.612	614934.035
15 -	P.C.C.	D	11+33.00	371342.612	614934.035
	P.T.		12+34.70	371272.849	614861.344
16 -	P.C.	D	13+51.22	371173.533	614800.698
	P.T.		16+24.01	371249.486	614628.559

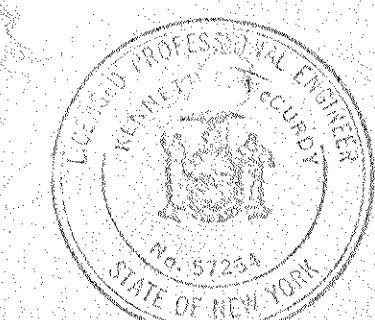
- LAYOUT LEGEND**
- Type "A" Pavement (see Drawing ST-24)
  - Type "B" Pavement (see Drawing ST-24)
  - Gravel Roadway (see Drawing ST-24)
  - Concrete Pavement (see Detail # 37, ST-22)
  - Concrete Sidewalk (see Detail # 32, ST-22)
  - Proposed Building
  - Concrete Curb
  - Stone Wall at Pond Edge
  - Detail and Sheet #
  - Double Yellow Center Line (6")
  - Single Yellow Center Line (6")
  - Solid White Stop Line (24")
  - Solid White Lane Line (4")
  - Broken White Lane Line (4")



**PERMIT COPY PLANS**  
 A set of these plans shall be kept at the building site open to inspection by the Building Inspector. Work shall comply with all requirements of the State Building Construction Code and the Zoning Code, whether or not shown and/or stated herein, and shall be subject to inspection at different stages of construction.

Building Permit No. 50485  
 Date Issued: 4/7/86  
 Inspector Assigned:  
 For Clearing & Grading Only

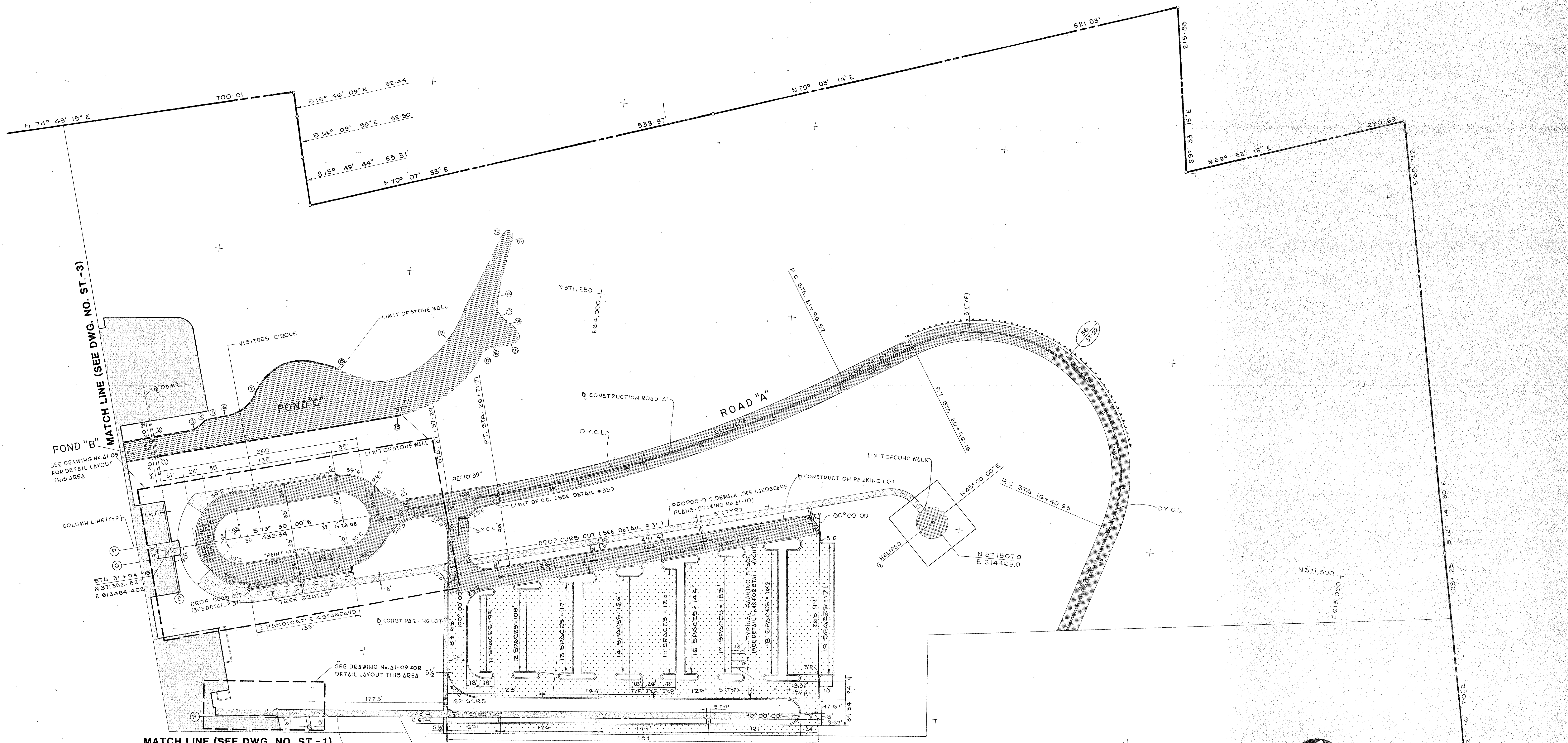
ADDENDUM NO. 3  
 ADDENDUM NO. 1  
 Description: Approved: Initial:



Customer Executive Education Center  
 Palisades, New York  
 RECEIVED  
 MAR 19 1986  
 ZONING BLDG. DEPT.  
 TOWN OF ORANGETOWN

**LAYOUT PLAN - S.E.**  
 Scale: 1" = 50'  
 Drawing: H.C.P.  
 Approved: O.A.K.  
**Peter G. Rolland and Associates**  
 Site Planners and Landscape Architects  
 15 Purchase Street, New York 10560, 914-361-7400





MATCH LINE (SEE DWG. NO. ST.-3)

MATCH LINE (SEE DWG. NO. ST.-1)

- LAYOUT LEGEND**
- Type "A" Pavement (see Drawing ST.-24)
  - Type "B" Pavement (see Drawing ST.-24)
  - Gravel Roadway (see Drawing ST.-24)
  - Concrete Pavement (see Detail # 37, ST.-22)
  - Concrete Sidewalk (see Detail # 32, ST.-22)
  - Proposed Building
  - Concrete Curb
  - Stone Wall at Pond Edge
  - Detail and Sheet
  - D.Y.C.L. - Double Yellow Center Line (4")
  - S.Y.C.L. - Single Yellow Center Line (4")
  - S.W.S.L. - Solid White Stop Line (24")
  - S.W.L.L. - Solid White Lane Line (4")
  - B.W.L.L. - Broken White Lane Line (4")

**CURVE DATA**

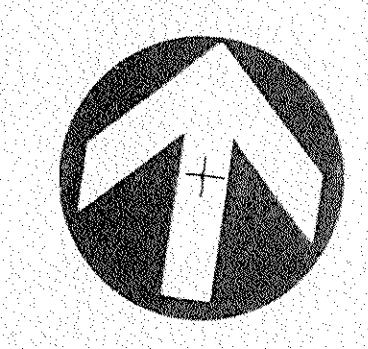
CURVE	DELTA	RADIUS	LENGTH	TANGENT
2	139° 34' 07"	187.00'	455.52'	507.82'
3	17° 00' 53"	1600.00'	475.14'	239.33'

**COORDINATE DATA**

CURVE	ROAD	STATION	NORTHING	EASTING
2 - P.C.	A	16+40.63	371523.261	614694.636
		20+96.13	371730.885	614411.676
3 - P.C.	A	21+96.57	371675.436	614327.950
		26+71.71	371475.317	613898.935

**POND "C" COORDINATES**

Coordinate No.	North	East	Radius	Delta	Length	Bearing
1	371472.133	613450.711	-	-	25.00'	N 16°30'00" W
2	371496.104	613443.611	-	-	55.00'	N 73°30'00" E
3	371511.723	613496.346	14.00'	45°00'00"	10.99'	-
4	371518.468	613504.673	22.00'	45°00'00"	17.28'	-
5	371529.065	613517.759	-	-	17.00'	N 73°30'00" E
6	371533.893	613534.059	48.00'	59°00'00"	49.43'	-
7	371567.898	613566.897	-	-	76.00'	101°23'56"
8	371614.008	613672.105	100.00'	95°00'00"	134.50'	-
9	371668.293	613809.204	-	-	157.00'	N 21°08'56" E
10	371814.718	613865.849	-	-	15.84'	-
11	371812.165	613876.464	5.51'	164°45'00"	-	-
12	371733.604	613868.347	-	-	78.98'	S 05°53'56" W
13	371708.702	613876.246	25.00'	63°00'00"	27.49'	-
14	371690.369	613897.411	11.00'	126°30'00"	24.29'	-
15	371671.320	613892.608	-	-	27.00'	S 77°23'56" W
16	371665.429	613866.259	25.00'	45°00'00"	19.64'	-
17	371651.527	613853.112	147.00'	52°36'04"	134.96'	-
18	371563.018	613757.533	-	-	320.00'	S 73°30'00" W



ADDENDUM NO. 3 3/10/86  
 ADDENDUM NO. 1 8/12/85  
 Revision No. Description Approved Date

**Customer Executive Education Center**  
 Palisades, New York

Mitchell Gargola Architects  
 170 West 47th Street  
 New York, New York 10025

Severald Persons Sogously Sturm  
 Structural Engineers

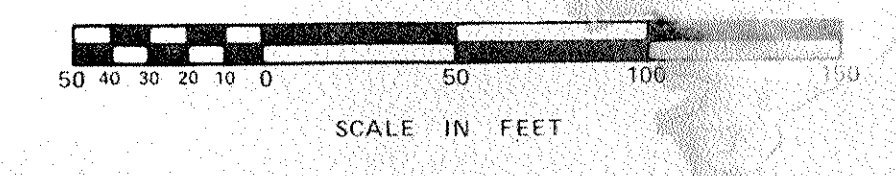
State of New York  
 License No. 27254  
 Raymond Keyes Engineers, P.C.  
 SITE ENGINEERS



**LAYOUT PLAN - N.E.**  
 Status: BID PACKAGE

**ST-2**

**Peter G. Roland and Associates**  
 Site Planners and Landscape Architects  
 15 Purchase Street, Rye, New York 10580 914-967-6181

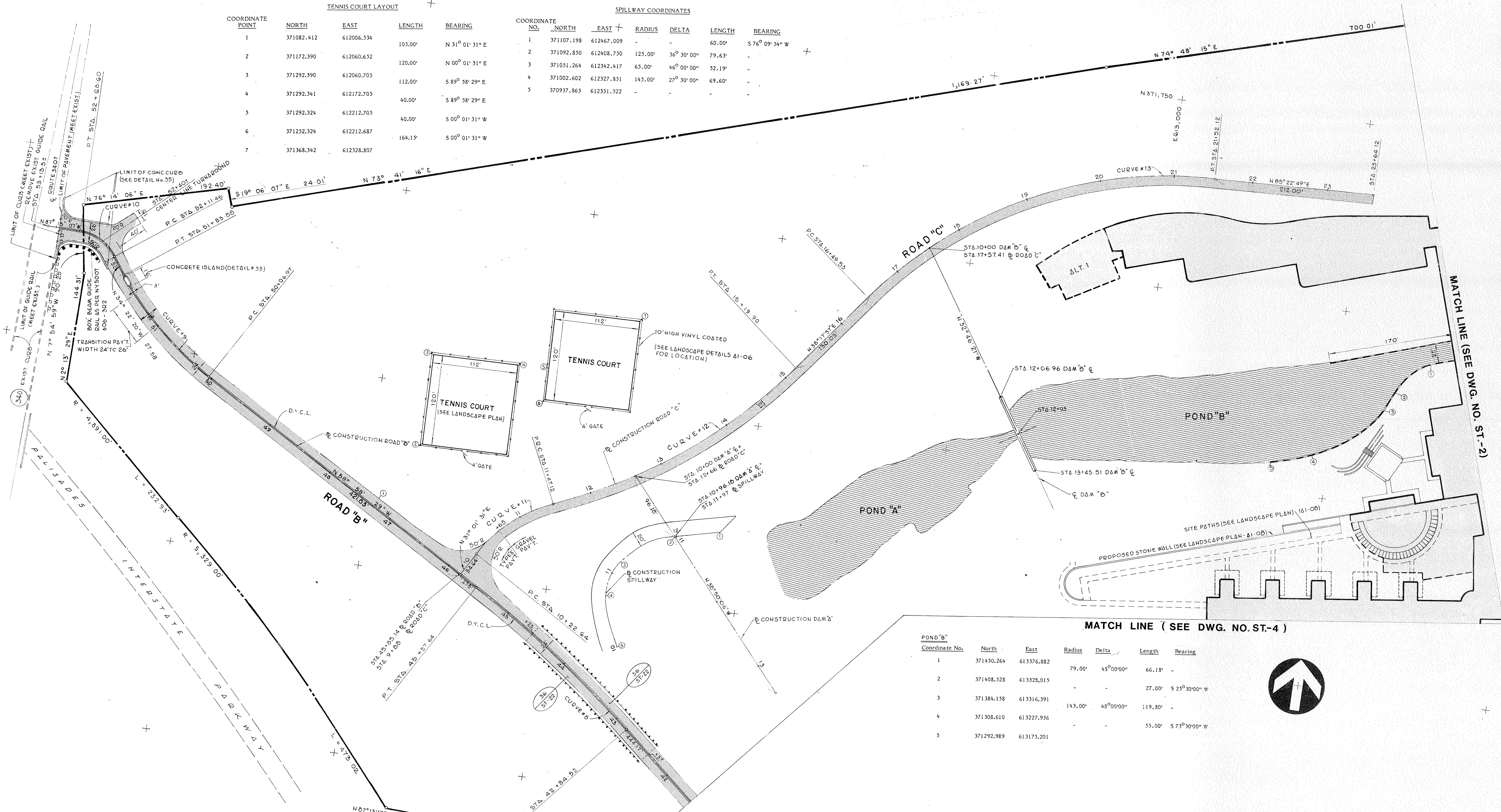


Title: O.A.K.  
 Scale: 1" = 50'  
 Date: 8/12/85  
 Project No.



TENNIS COURT LAYOUT				
COORDINATE POINT	NORTH	EAST	LENGTH	BEARING
1	371082.412	612006.534	105.00'	N 31° 01' 31" E
2	371172.390	612060.652	120.00'	N 00° 01' 31" E
3	371292.390	612060.705	112.00'	S 89° 58' 29" E
4	371292.341	612172.705	40.00'	S 89° 58' 29" E
5	371292.324	612212.705	40.00'	S 00° 01' 31" W
6	371252.324	612212.687	164.15'	S 00° 01' 31" W
7	371368.342	612328.807		

SPILLWAY COORDINATES						
COORDINATE NO.	NORTH	EAST	RADIUS	DELTA	LENGTH	BEARING
1	371107.198	612467.009	-	-	60.00'	S 76° 09' 54" W
2	371092.850	612408.750	125.00'	36° 30' 00"	79.63'	-
3	371051.264	612342.417	65.00'	46° 00' 00"	52.19'	-
4	371002.602	612327.851	145.00'	27° 30' 00"	69.60'	-
5	370937.865	612351.522	-	-	-	-



**MATCH LINE (SEE DWG. NO. ST-4)**

Coordinate No.	North	East	Radius	Delta	Length	Bearing
1	371450.264	613376.882	79.00'	48° 00' 00"	66.18'	-
2	371408.528	613328.015	-	-	27.00'	S 25° 30' 00" W
3	371384.158	613316.391	143.00'	48° 00' 00"	119.80'	-
4	371308.610	613227.936	-	-	55.00'	S 73° 30' 00" W
5	371292.989	613175.201	-	-	-	-

CURVE DATA				
CURVE	DELTA	RADIUS	LENGTH	TANGENT
8	10° 30' 60"	1488.00'	273.12'	136.95'
9	24° 36' 10"	412.00'	176.91'	89.84'
10	52° 52' 47"	63.00'	58.14'	31.33'
11	37° 32' 18"	190.00'	124.48'	64.57'
12	30° 15' 50"	705.00'	372.38'	190.64'
13	50° 04' 49"	575.00'	502.59'	268.62'

COORDINATE DATA				
CURVE	ROAD	STATION	NORTHING	EASTING
8 - P.C.	B	42+84.52	370831.586	612373.067
P.T.		45+57.64	370992.987	612155.213
9 - P.C.	B	50+06.97	371224.577	611770.166
P.T.		51+83.88	371345.036	611642.437
10 - P.C.	B	52+11.46	371367.802	611626.885
P.T.		52+68.60	371395.162	611577.906
11 - P.C.	C	10+22.64	371036.844	612149.500
P.R.C.		11+47.12	371115.772	612242.880
12 - P.R.C.	C	11+47.12	371115.772	612242.880
P.T.		15+19.90	371335.060	612538.494
13 - P.C.	C	16+49.55	371437.109	612619.086
P.T.		21+52.12	371655.507	613054.081

- LAYOUT LEGEND**
- Type "A" Pavement (see Drawing ST-24)
  - Type "B" Pavement (see Drawing ST-24)
  - Gravel Roadway (see Drawing ST-24)
  - Concrete Pavement (see Detail # 37, ST-22)
  - Concrete Sidewalk (see Detail # 36, ST-22)
  - Proposed Building
  - Concrete Curb
  - Stone Wall at Pond Edge
  - Detail and Sheet #
  - D.Y.C.L. - Double Yellow Center Line (4")
  - S.Y.C.L. - Single Yellow Center Line (4")
  - S.W.S.L. - Solid White Stop Line (24")
  - S.W.L.L. - Solid White Lane Line (4")
  - B.W.L.L. - Broken White Lane Line (4")

SCALE IN FEET  
0 20 40 60 80 100 120 140 160

**Peter G. Rolland and Associates**  
Site Planners and Landscape Architects  
15 Purchase Street, Rye, New York 10580 914-967-6181

APPENDUM NO. 3 3/10/86  
APPENDUM NO. 1 9/12/89

Revision No. Description Approved Date

**Customer Executive Education Center**  
Palisades, New York

Mitchell/Giorgi Architects  
170 West 92nd Street  
New York, New York 10025

Several Perrone Stroganly Sturm  
Structural Engineers

Sytek & Hennessy, Inc.  
Mechanical & Electrical Engineers

**RAYMOND KEYES ENGINEERS, P.C.**  
SITE ENGINEERS

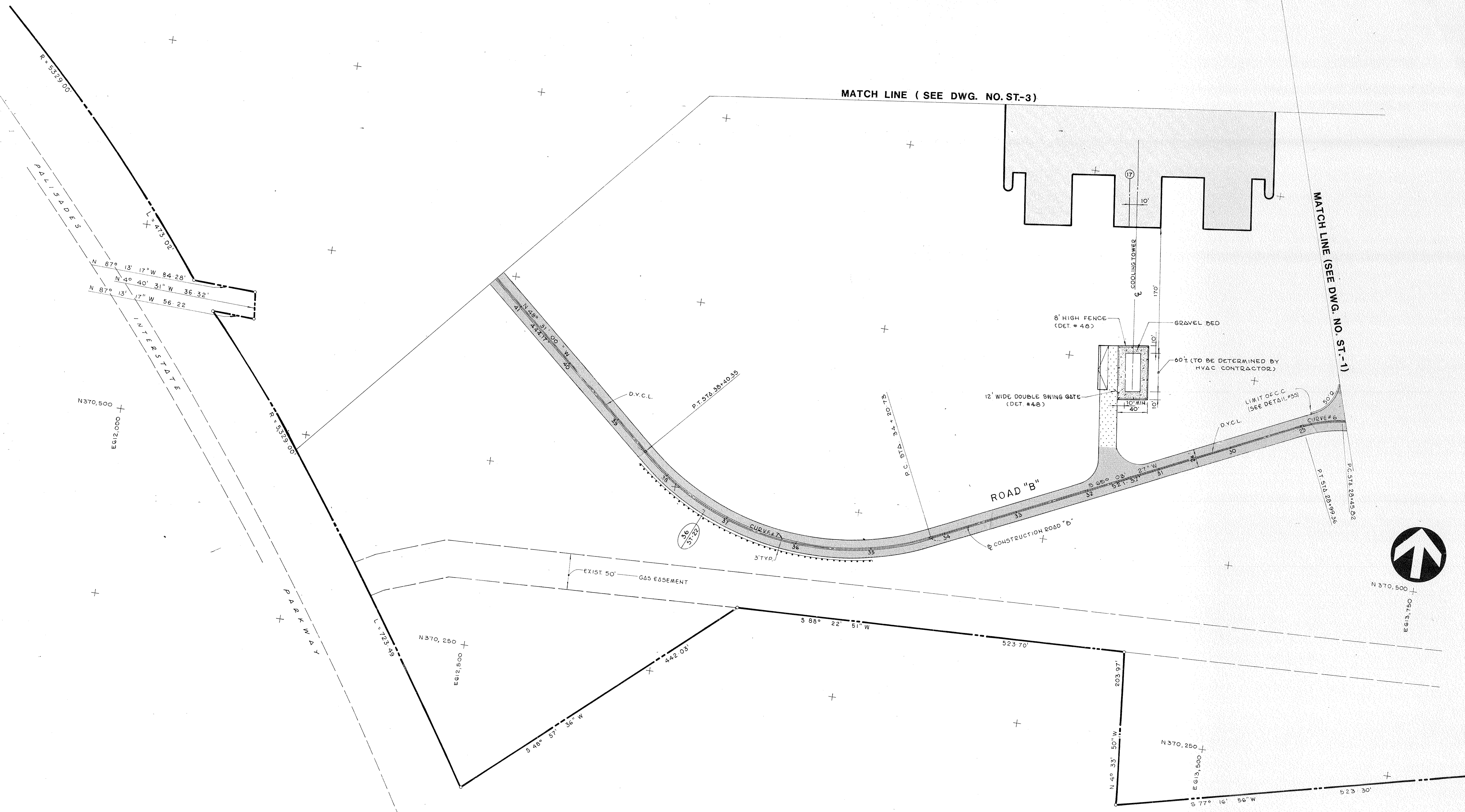
**LAYOUT PLAN - N.W.**  
Status: BID PACKAGE Date: 8-23-89

Scale: 1" = 50'

Drawn: H.G.P. **ST-3**

Approved: O.A.K. Project No. 336

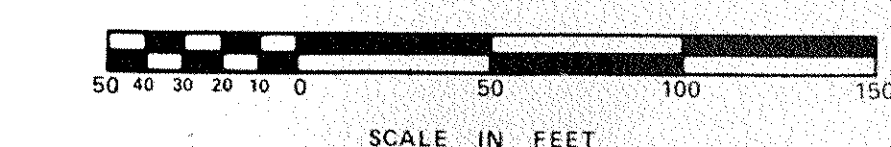




CURVE DATA				
CURVE	DELTA	RADIUS	LENGTH	TANGENT
6	18° 26' 33"	166.34'	53.54'	27.01'
7	66° 24' 57"	362.00'	419.62'	236.96'

COORDINATE DATA				
CURVE	ROAD	STATION	NORTHING	EASTING
6 - P.C.	B	28+5.82	370714.556	613624.258
P.T.		28+99.36	370700.111	613572.941
7 - P.C.	B	34+20.73	370480.247	613100.200
P.T.		38+40.35	370537.365	612707.816

- LAYOUT LEGEND**
- Type "A" Pavement (see Drawing ST.-24)
  - Type "B" Pavement (see Drawing ST.-24)
  - Gravel Roadway (see Drawing ST.-24)
  - Concrete Pavement (see Detail # 37, ST.-22)
  - Concrete Sidewalk (see Detail # 32, ST.-22)
  - Proposed Building
  - Concrete Curb
  - Stone Wall at Pond Edge
  - Detail and Sheet #
  - D.V.C.L. -Double Yellow Center Line (4")
  - S.V.C.L. -Single Yellow Center Line (4")
  - S.W.S.L. -Solid White Stop Line (24")
  - S.W.L.L. -Solid White Lane Line (4")
  - B.W.L.L. -Broken White Lane Line (4")



Peter G. Rolland and Associates  
Site Planners and Landscape Architects  
15 Purchase Street, New York, New York 10028

Customer Executive Education Center  
Palisades, New York

Michael Giugliola Architects  
110 West 90th Street  
New York, New York 10025  
Structural Engineers

Severud Perrone Sengozly Sturm  
Structural Engineers

Syoka & Hennessy, Inc.  
Mechanical & Electrical Engineers

RAYMOND KEYES ENGINEERS, P.C.  
SITE ENGINEERS

Revision No. Description Approved Date

ADDENDUM NO. 3 3/10/86

ADDENDUM NO. 1 9/12/85

**LAYOUT PLAN - S.W.**  
Status BID PACKAGE

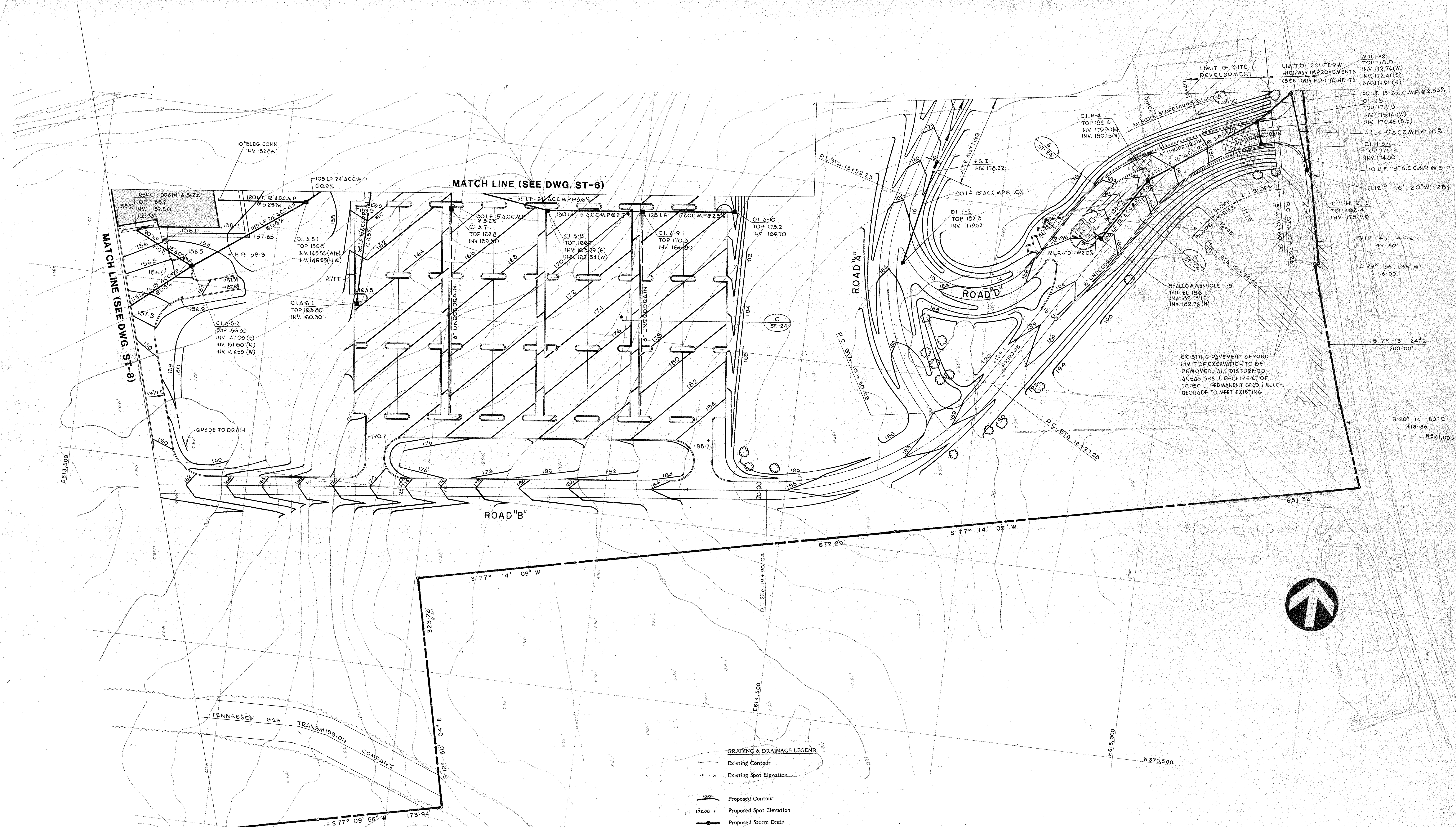
Title Date  
Scale 1" = 50' 8-23-85

Drawn H. G. P.  
Approved O. A. K.

**ST-4**

Project No. 32





- GRADING & DRAINAGE LEGEND**
- Existing Contour
  - Existing Spot Elevation
  - Proposed Contour
  - Proposed Spot Elevation
  - Proposed Storm Drain
  - Proposed Inlet
    - CI - Curb Inlet (Detail #3)
    - DI - Small Drain Inlet (Detail #4)
    - LDI - Large Drain Inlet (Detail #5)
  - Proposed End Section
  - Proposed Underdrain (Detail #7)
  - Existing Structure to be Demolished (see Spec.)
  - Existing Pavement to be Removed
  - Proposed Rip-Rap Ditch (see Detail #39)
  - Proposed Stone Wall At Pond Edge
  - Existing tree to have special protection (see Spec.)
  - Proposed Jute Matting (Detail #21)
  - ACC.M.P. Asphalt Coated Corrugated Metal Pipe

Revision No.	Description	Approved	Date
APPENDUM NO. 3			3/10/86
APPENDUM NO. 1			9/12/85

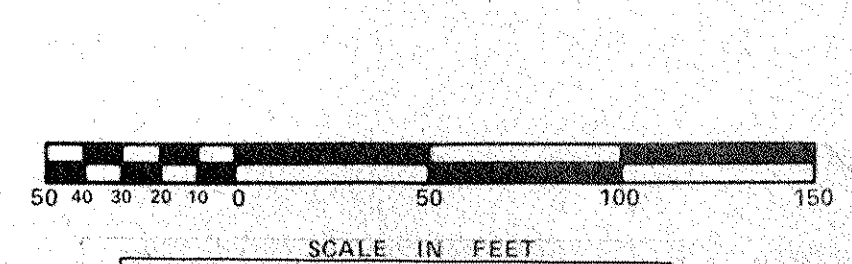
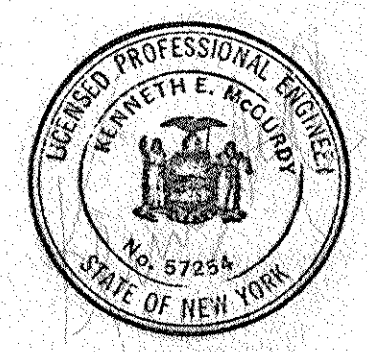
**IBM**  
Customer Executive Education Center  
Palisades, New York

Mitchell/Gurgola Architects  
170 West 9th Street  
New York, New York 10025

Severel Perrone Stegedy Sturm  
Structural Engineers

Syska & Hennessy, Inc.  
Mechanical & Electrical Engineers

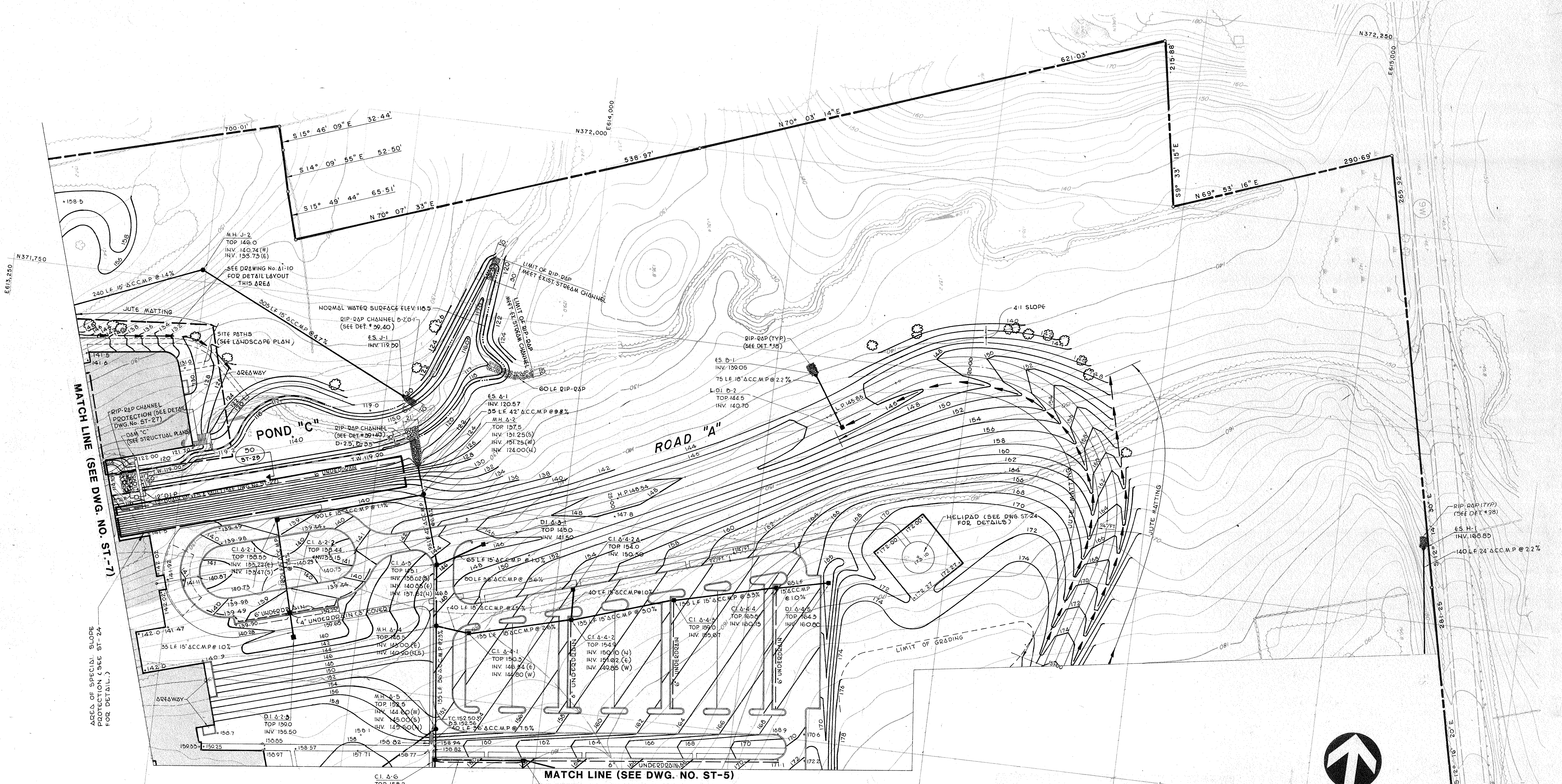
**RAYMOND KEYES ENGINEERS, P.C.**  
SITE ENGINEERS



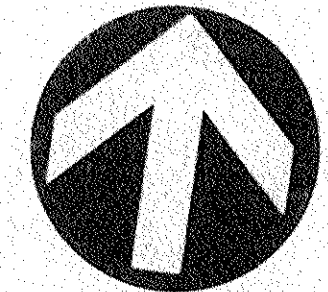
**Peter G. Roland and Associates**  
Site Planners and Landscape Architects  
15 Purchase Street, Rte. New York 10585 (914) 361-6161

**GRADING & DRAINAGE PLAN-S.E.**  
Status: BID PACKAGE  
Date: 8-23-85  
Title: ST-5  
Scale: 1" = 50'  
Drawn: H.G.P.  
Approved: O.A.K.  
Project No.: 3368





- GRADING & DRAINAGE LEGEND**
- Existing Contour
  - Existing Spot Elevation
  - Proposed Contour
  - Proposed Spot Elevation
  - Proposed Storm Drain
  - Proposed Inlet
  - Proposed Curb Inlet (Detail #3)
  - Proposed Small Drain Inlet (Detail #4)
  - Proposed Large Drain Inlet (Detail #2)
  - Proposed End Section
  - Proposed Underdrain (Detail #7)
  - Existing Structure to be Demolished (see Spec.)
  - Existing Pavement to be Removed
  - Proposed Rip-Rap Ditch (see Detail #3)
  - Proposed Stone Wall At Pond Edge
  - Existing tree to have special protection (see Spec.)
  - Proposed Jute Matting (Detail #21)
  - Asphalt Coated Corrugated Metal Pipe



Revision No.	Description	Approved	Date
ADDENDUM NO. 3			5/10/84
ADDENDUM NO. 1			9/12/85



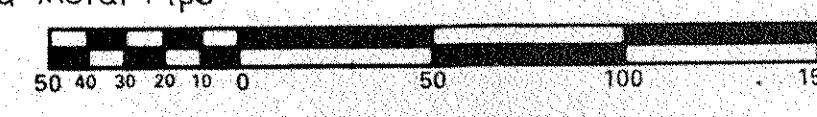
**Customer Executive Education Center**  
 Palisades, New York

Mitchell/Giorgola Architects  
 170 West 97th Street  
 New York, New York 10025

Severud Perrone Stagesby Sturm  
 Structural Engineers

Syuka & Hennessy, Inc.  
 Mechanical & Electrical Engineers

**RAYMOND KEYES ENGINEERS, P.C.**  
 SITE ENGINEERS



**Peter G. Rolland and Associates**  
 Site Planners and Landscape Architects  
 16 Purchase Street, P.O. Box 10980, New York, N.Y. 10108, 914-962-6131

**GRADING & DRAINAGE PLAN—N.E.**

Title: Customer Executive Education Center  
 Status: BID PACKAGE  
 Date: 8-23-85

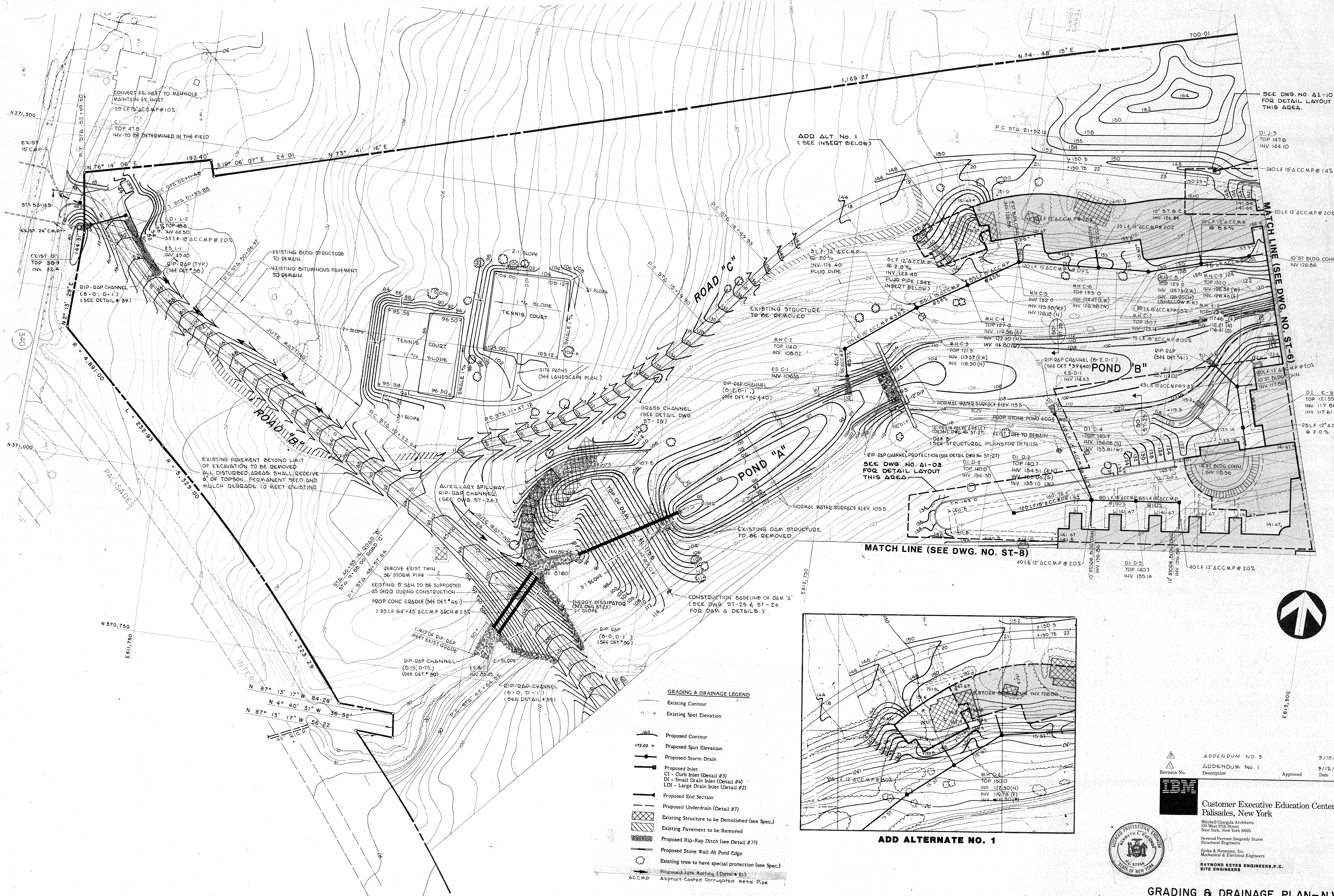
Scale: 1" = 50'

Drawn: J.A.N.

Approved: O.A.K.

Project No. 3368





SEE DWG. NO. A1-10 FOR DETAIL LAYOUT THIS AREA.

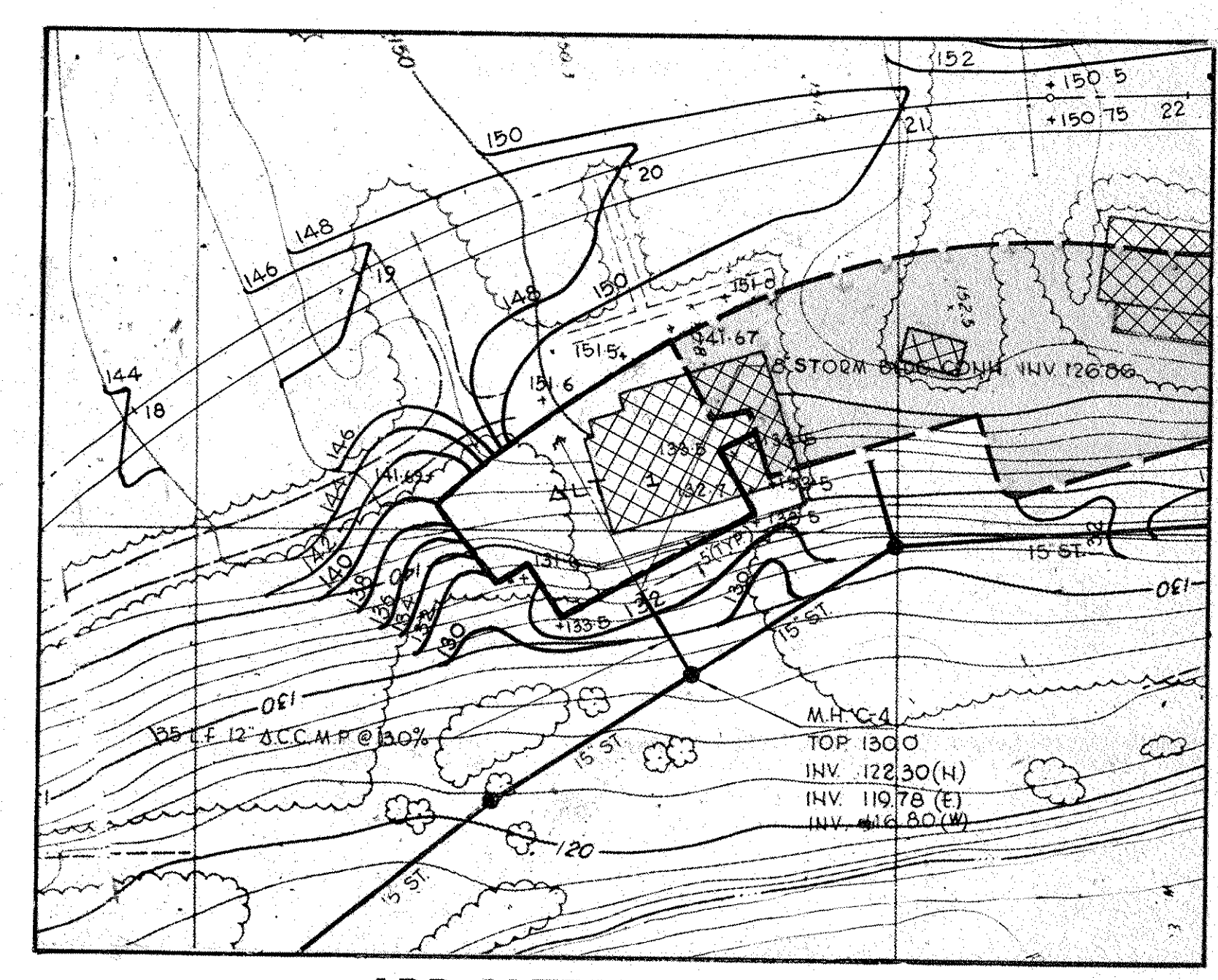
MATCH LINE (SEE DWG. NO. ST-6)

DI E-3 TOP 121.55 INV. 117.61 (H) 25LF 12" A.C.C.M.P. @ 2.0%

MATCH LINE (SEE DWG. NO. ST-8)

ADD ALTERNATE NO. 1

- GRADING & DRAINAGE LEGEND**
- - - Existing Contour
  - 15.7 x Existing Spot Elevation
  - 16.0 Proposed Contour
  - 172.00 + Proposed Spot Elevation
  - Proposed Storm Drain
  - Proposed Inlet  
 CI - Curb Inlet (Detail #3)  
 DI - Small Drain Inlet (Detail #4)  
 LDI - Large Drain Inlet (Detail #2)
  - Proposed End Section
  - Proposed Underdrain (Detail #7)
  - Existing Structure to be Demolished (see Spec.)
  - Existing Pavement to be Removed
  - Proposed Rip-Rap Ditch (see Detail #39)
  - Proposed Stone Wall At Pond Edge
  - Existing tree to have special protection (see Spec.)
  - Proposed Jute Matting (Detail #21)
  - ACCMP Asphalt Coated Corrugated Metal Pipe



Revision No.	Description	Approved	Date
APPENDUM No. 3			5/10/86
APPENDUM No. 1			9/12/85



**Customer Executive Education Center  
Palisades, New York**

Mitchell/Gurgola Architects  
170 West 97th Street  
New York, New York 10025  
Structural Engineers

Several Terrace Sanguady Sturm  
Structural Engineers

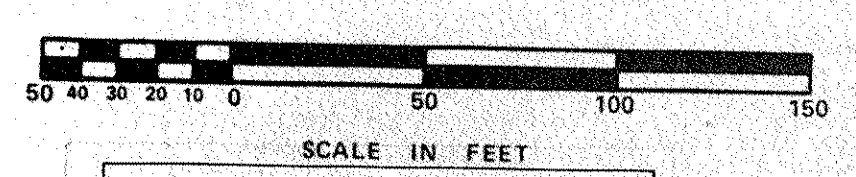
Spika & Hennessy, Inc.  
Mechanical & Electrical Engineers

**RAYMOND KEYES ENGINEERS, P.C.  
SITE ENGINEERS**

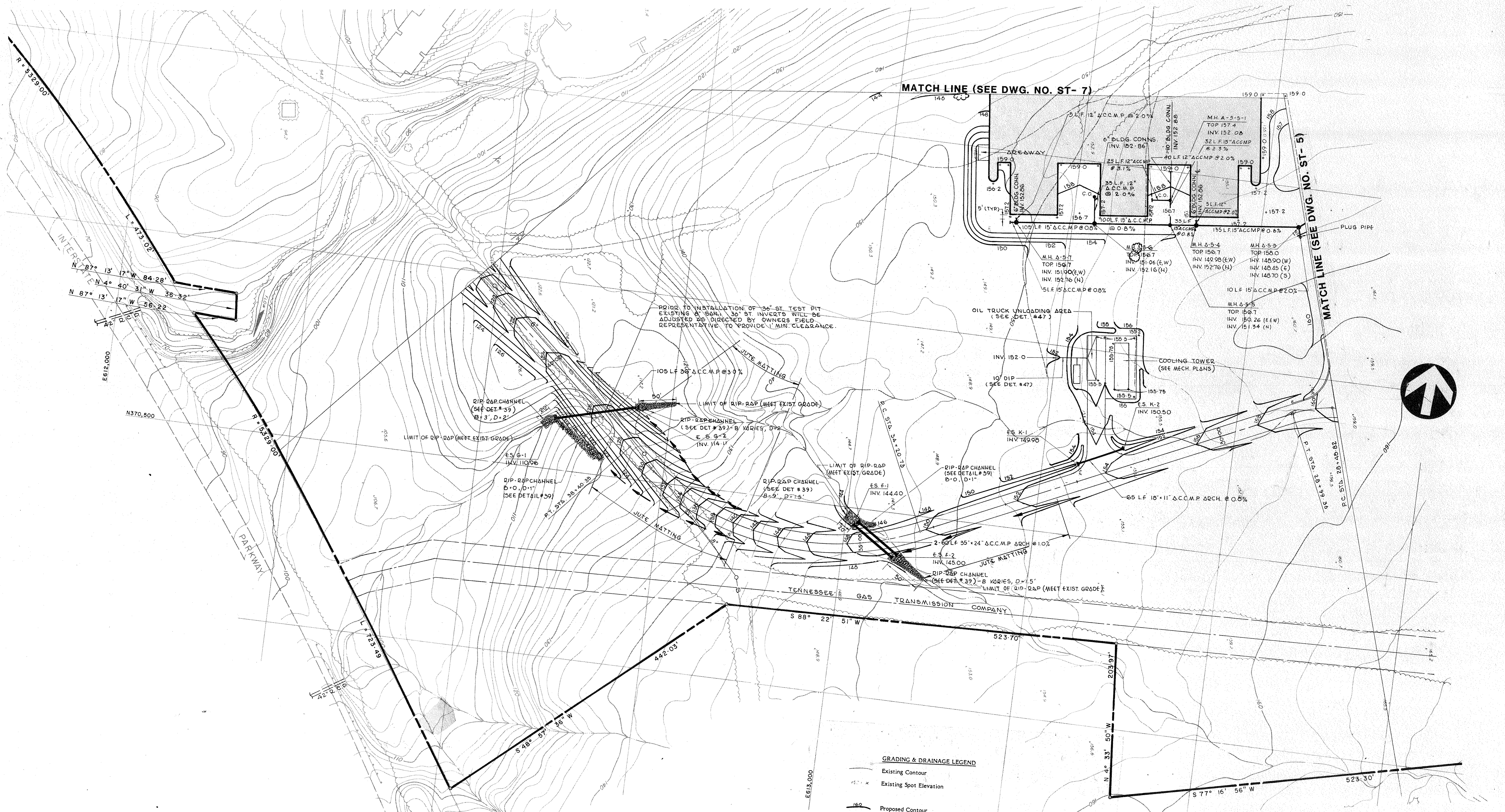
**GRADING & DRAINAGE PLAN-N.W.**

Title: Status: BID PACKAGE Date: 8/23/85  
 Scale: 1" = 50'  
 Drawn: J.A.N.  
 Approved: O.A.K.  
 Project No. 3368

**Peter G. Rolland and Associates**  
 Site Planners and Landscape Architects  
 15 Purchase Street, New York, New York 10020, 914-661-4701







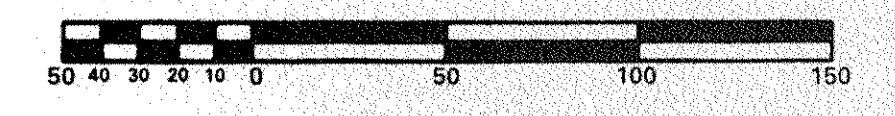
PRIOR TO INSTALLATION OF 36" ST TEST PIT EXISTING 36" ST INVERTS WILL BE ADJUSTED OR DIVERTED BY OWNER'S FIELD REPRESENTATIVE TO PROVIDE 1' MIN CLEARANCE.

**GRADING & DRAINAGE LEGEND**

- Existing Contour
- Existing Spot Elevation
- Proposed Contour
- Proposed Spot Elevation
- Proposed Storm Drain
- Proposed Inlet
- CI - Curb Inlet (Detail #3)
- DI - Small Drain Inlet (Detail #4)
- LDI - Large Drain Inlet (Detail #2)
- Proposed End Section
- Proposed Underdrain (Detail #7)
- Existing Structure to be Demolished (see Spec.)
- Existing Pavement to be Removed
- Proposed Rip-Rap Ditch (see Detail #39)
- Proposed Stone Wall At Pond Edge
- Existing tree to have special protection (see Spec.)
- Proposed Jute Matting (Detail #21)
- ACCMP - Asphalt Coated Corrugated Metal Pipe

ADDENDUM NO. 3 3/10/86  
 ADDENDUM NO. 1 9/12/85  
 Description Approved Date

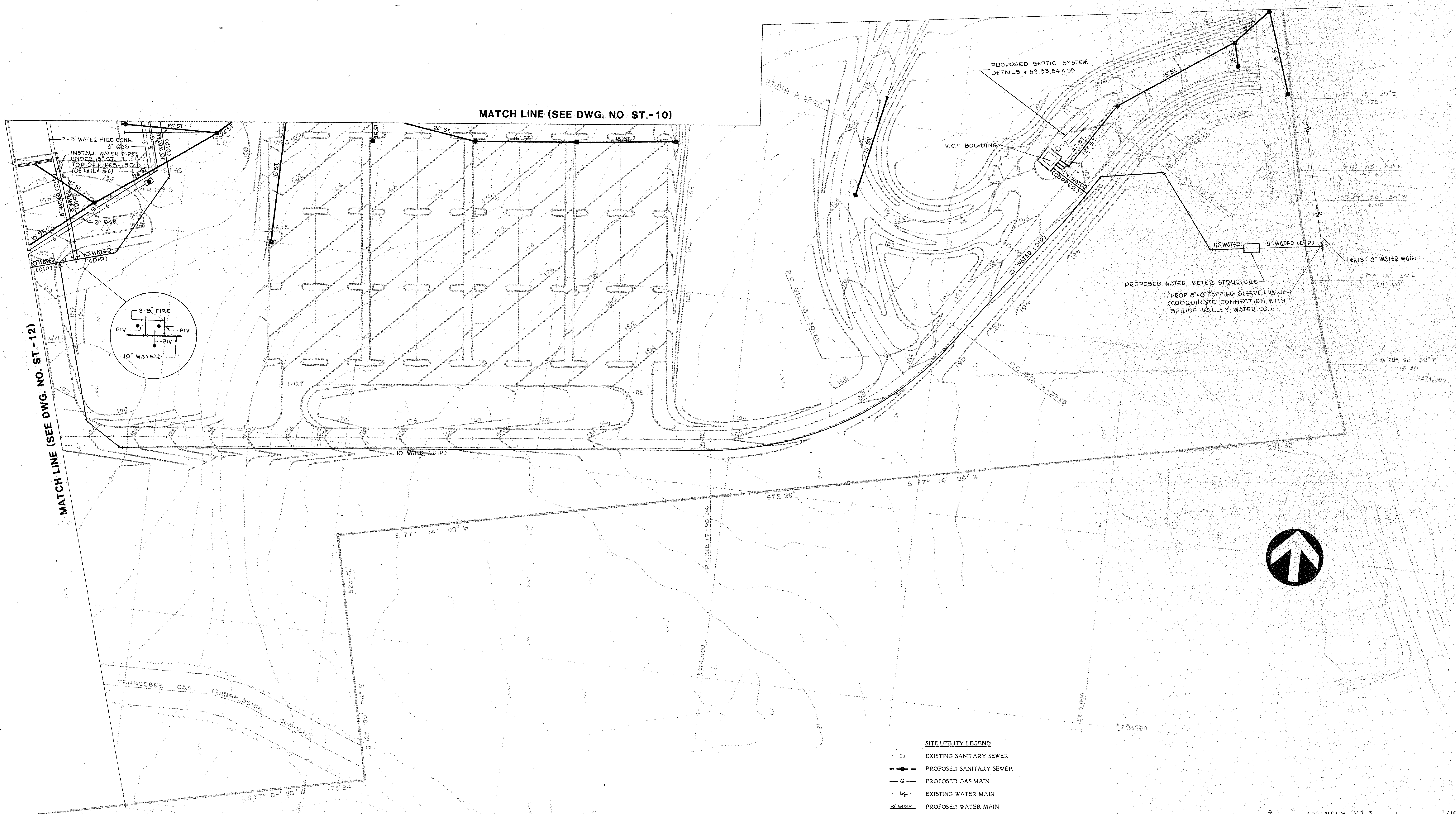
**Customer Executive Education Center**  
 Palisades, New York  
 Mitchell/Giorgola Architects  
 170 West 97th Street  
 New York, New York 10025  
 Several Persons Stegony Storm  
 Structural Engineers  
 Sysla & Hennessy, Inc.  
 Mechanical & Electrical Engineers  
**RAYMOND KEYES ENGINEERS, P.C.**  
 SITE ENGINEERS



**Peter G. Rulland and Associates**  
 Site Planners and Landscape Architects  
 15 Purchase Street, P.O. Box 1000, New York, N.Y. 10002-1000

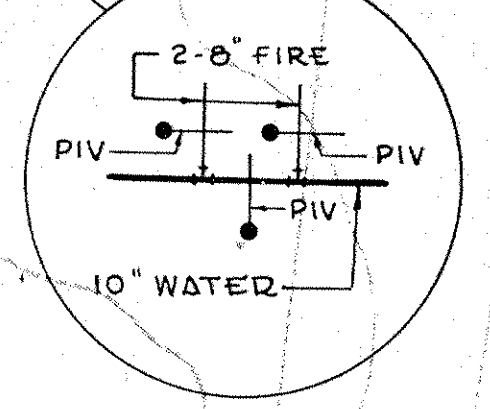
**GRADING & DRAINAGE PLAN—S.W.**  
 Title Status BID PACKAGE Date  
 Scale 1" = 50' 8/23/85  
 Drawn J.A.N.  
 Approved O.A.K. Project No. 3368



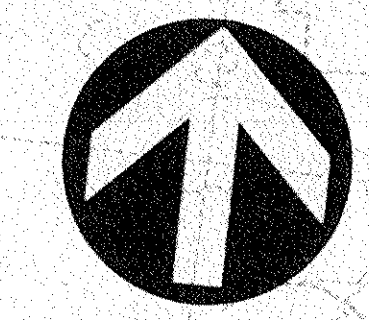


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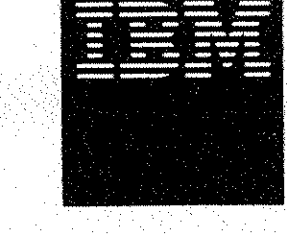
MATCH LINE (SEE DWG. NO. ST.-12)



- SITE UTILITY LEGEND**
- C- EXISTING SANITARY SEWER
  - PROPOSED SANITARY SEWER
  - G- PROPOSED GAS MAIN
  - W- EXISTING WATER MAIN
  - W- PROPOSED WATER MAIN
  - V- PROPOSED WATER GATE VALVE
  - F- PROPOSED FIRE HYDRANT
  - ST- PROPOSED STORM DRAIN AND INLET (SEE GRADING & DRAINAGE PLANS)
  - E- PROPOSED UNDERGROUND ELECTRIC CONDUIT AND MANHOLE (SEE SITE ELECTRICAL DWGS.)
  - T- PROPOSED UNDERGROUND TELEPHONE CONDUIT AND MANHOLE (SEE SITE ELECTRICAL DWGS.)



Revision No.	Description	Approved	Date
ADDENDUM No. 3			3/10/86
ADDENDUM No. 1			9/12/85



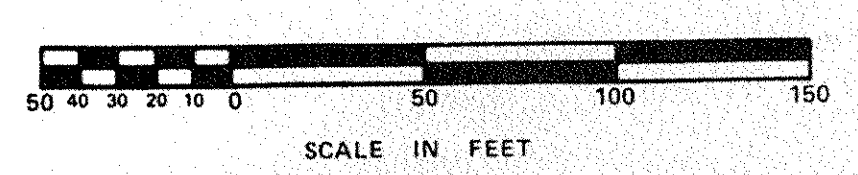
**Customer Executive Education Center**  
 Palisades, New York

Mitchell/Giurgola Architects  
 170 West 87th Street  
 New York, New York 10025

Severud Perrone Sengstacke Sturm  
 Structural Engineers

Syska & Hennessy, Inc.  
 Mechanical & Electrical Engineers

**RAYMOND KEYES ENGINEERS, P.C.**  
 SITE ENGINEERS



**SITE UTILITY PLAN-S.E.**  
 Status: BID PACKAGE Date: 8-23-85

Title: ST-9

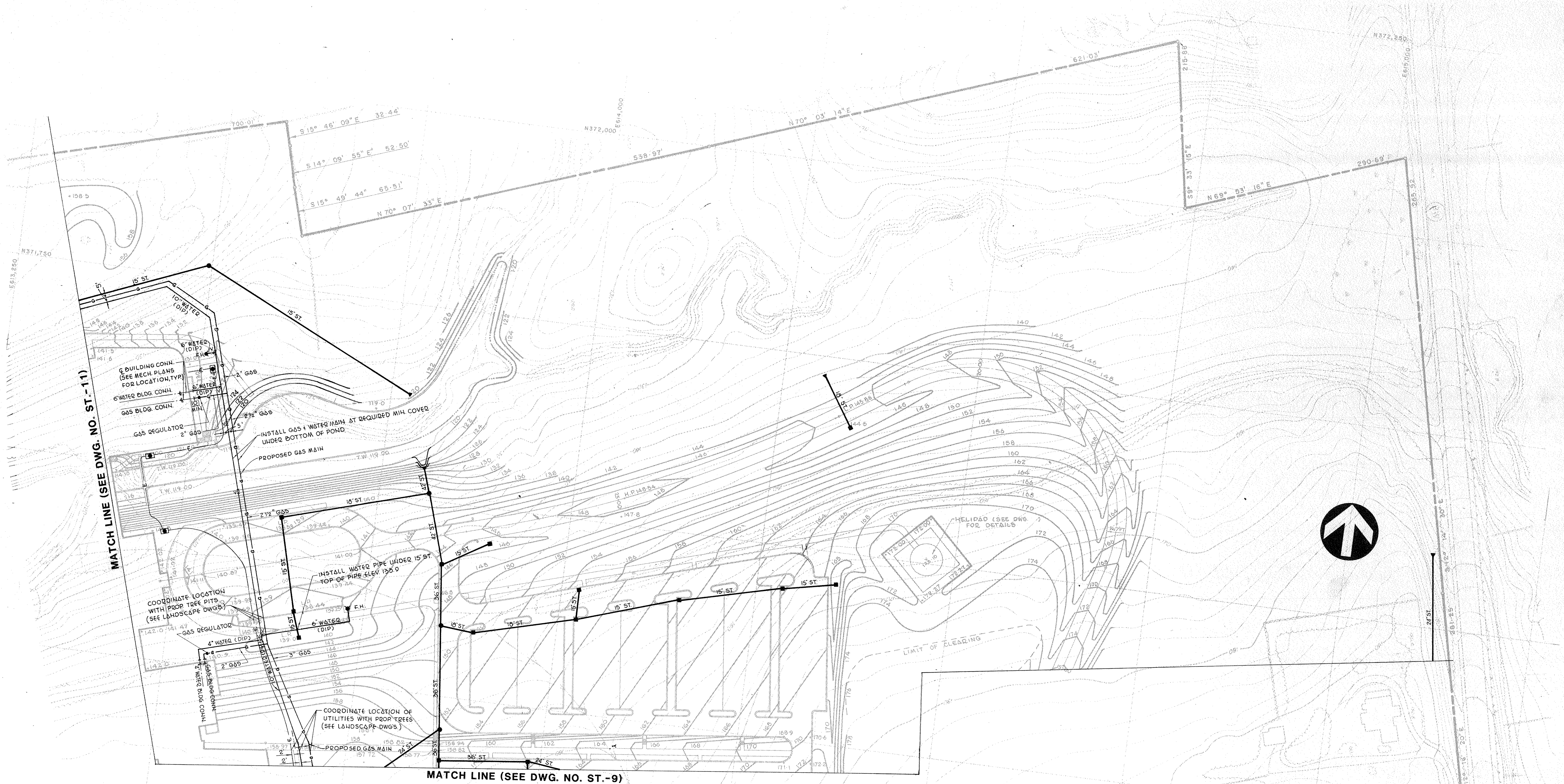
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Drawn: J.A.H.

Approved: O.A.K.

Project No. 3368

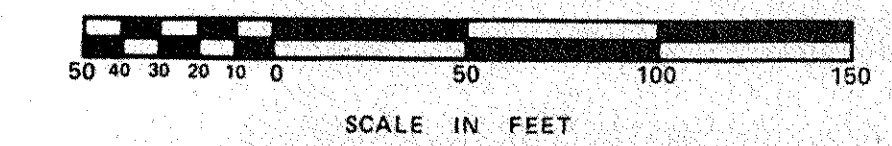
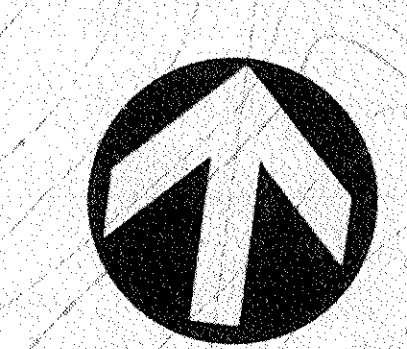




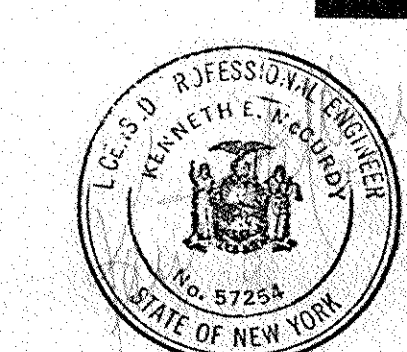
MATCH LINE (SEE DWG. NO. ST.-11)

MATCH LINE (SEE DWG. NO. ST.-9)

- SITE UTILITY LEGEND**
- EXISTING SANITARY SEWER
  - PROPOSED SANITARY SEWER
  - G--- PROPOSED GAS MAIN
  - W--- EXISTING WATER MAIN
  - W--- PROPOSED WATER MAIN
  - ◇--- PROPOSED WATER GATE VALVE
  - ◇--- PROPOSED FIRE HYDRANT
  - ST--- PROPOSED STORM DRAIN AND INLET (SEE GRADING & DRAINAGE PLANS)
  - E--- PROPOSED UNDERGROUND ELECTRIC CONDUIT AND MANHOLE
  - T--- PROPOSED UNDERGROUND TELEPHONE CONDUIT AND MANHOLE



Revision No.	Description	Approved	Date
APPENDUM NO. 3			3/10/86
APPENDUM NO. 1			9/12/85



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Palisades, New York

Mitchell/Giargola Architects  
170 West 57th Street  
New York, New York 10025

Severud Perrone Sageszky Sturm  
Structural Engineers

Syrka & Hennessy, Inc.  
Mechanical & Electrical Engineers

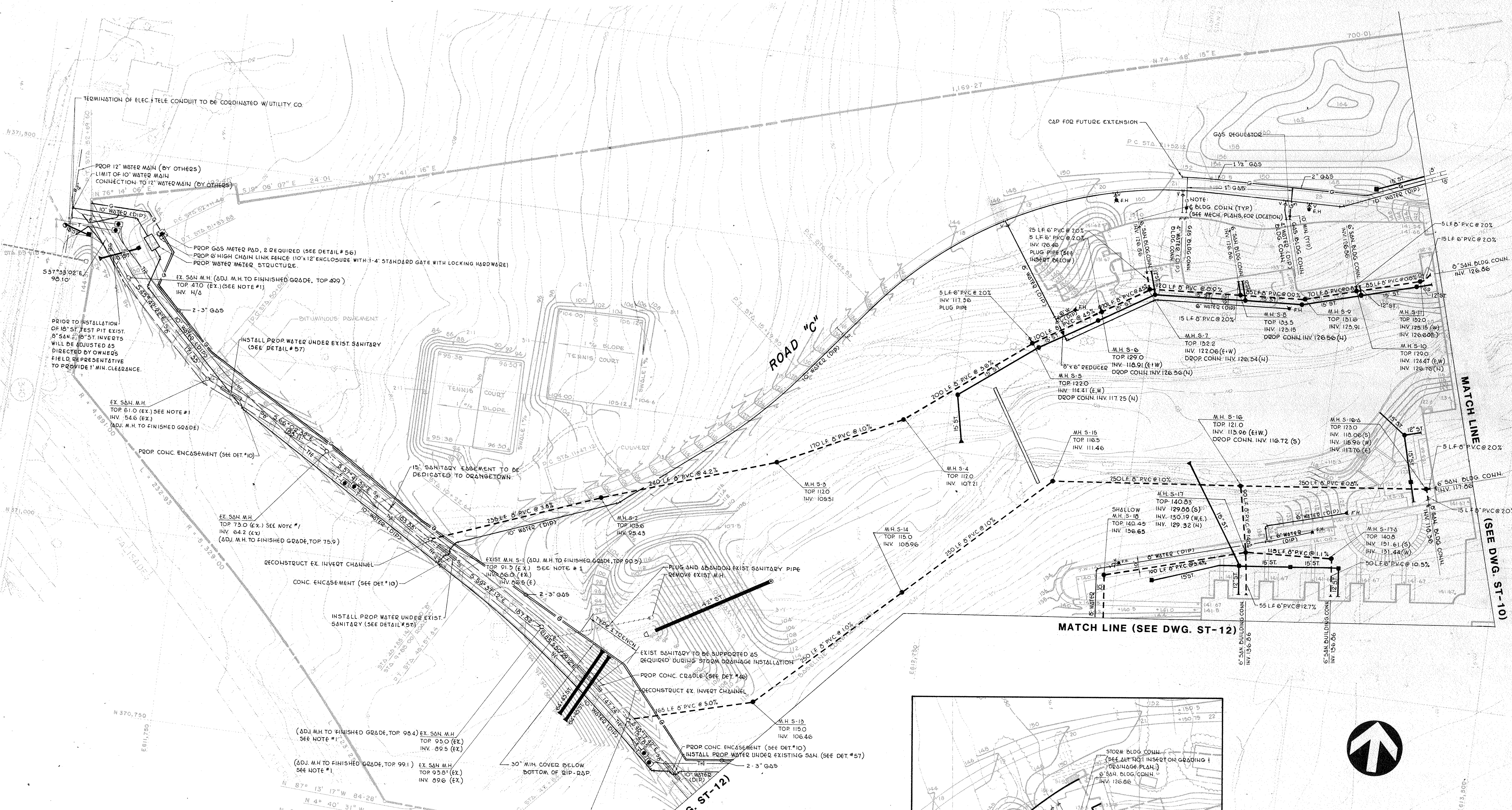
**RAYMOND KEYES ENGINEERS, P.C.**  
SITE ENGINEERS

**SITE UTILITY PLAN-N.E.**  
Status: BID PACKAGE Date: 8/23/85

**ST.-10**

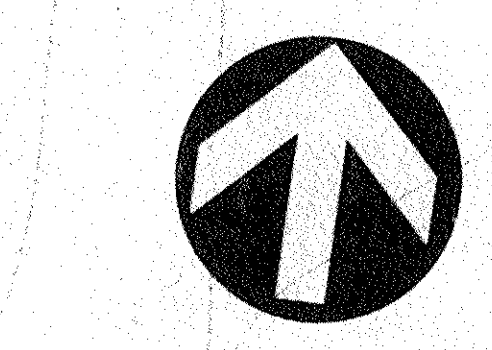
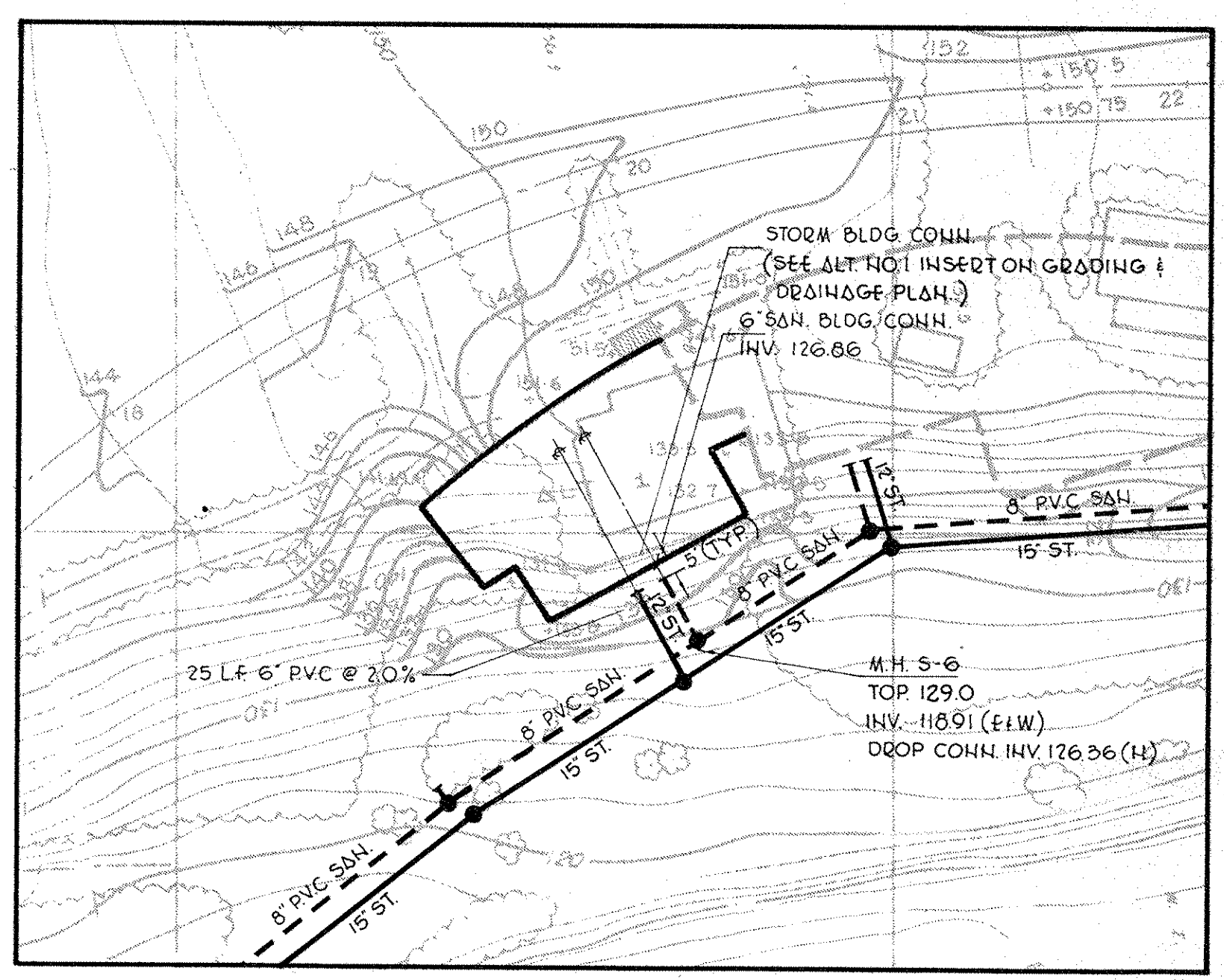
Drawn: J.A.M.  
Approved: O.A.K.  
Project No. 3368





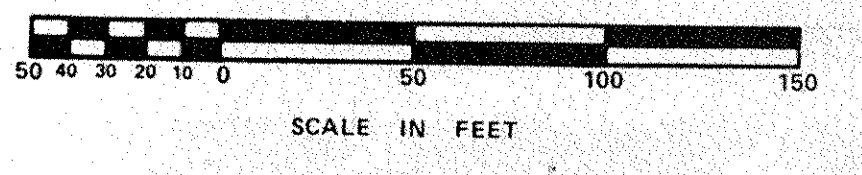
**NOTES:**  
 1. EXISTING SANITARY MANHOLES TO BE ADJUSTED TO FINISHED GRADE (SEE SPEC.). MANHOLES WITHIN EXISTING EASEMENT SHALL BE PROVIDED WITH CAMPBELL No. 1460 B LOCKING FRAME COVER.

- SITE UTILITY LEGEND**
- EXISTING SANITARY SEWER
  - PROPOSED SANITARY SEWER
  - G— PROPOSED GAS MAIN
  - W— EXISTING WATER MAIN
  - W— PROPOSED WATER MAIN (DIP)
  - V— PROPOSED WATER GATE VALVE
  - F— PROPOSED FIRE HYDRANT
  - S— PROPOSED STORM DRAIN AND INLET (SEE GRADING & DRAINAGE PLANS)
  - E— PROPOSED UNDERGROUND ELECTRIC CONDUIT AND MANHOLE (SEE SITE ELECTRICAL DWGS.)
  - T— PROPOSED UNDERGROUND TELEPHONE CONDUIT AND MANHOLE (SEE SITE ELECTRICAL DWGS.)



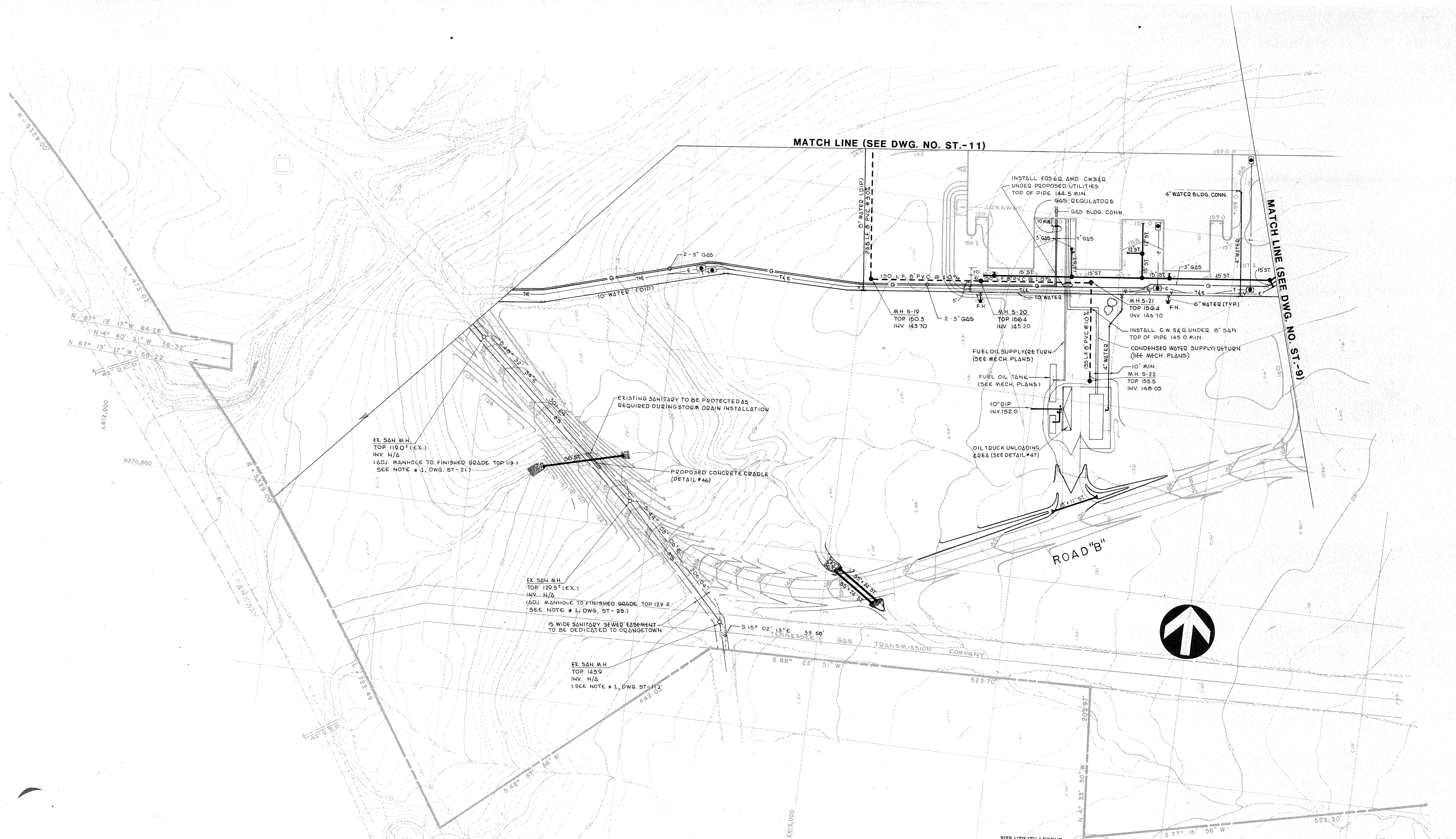
APPENDUM NO. 3	3/10/86
APPENDUM NO. 1	9/12/85
Description	Approved Date

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 Palisades, New York  
 Mitchell/Giurgola Architects  
 170 West 97th Street  
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 Structural Engineers  
 Sylla & Hennessy Inc.  
 Mechanical & Electrical Engineers  
**RAYMOND KEYS ENGINEERS, P.C.**  
 SITE ENGINEERS



**SITE UTILITY PLAN-N.W.**  
 Status BID PACKAGE Date  
 Scale 1" = 50'  
 Drawn J.A.N.  
 Approved O.A.K.  
 Project No. 3369





MATCH LINE (SEE DWG. NO. ST.-11)

MATCH LINE (SEE DWG. NO. ST.-9)

EX SAN M.H.  
TOP 119.0' (EX.)  
INV. N/A  
(ADJ. MANHOLE TO FINISHED GRADE TOP 119.1)  
(SEE NOTE # 1, DWG. ST-21)

EX SAN M.H.  
TOP 129.5' (EX.)  
INV. N/A  
(ADJ. MANHOLE TO FINISHED GRADE TOP 129.2)  
(SEE NOTE # 1, DWG. ST-25)

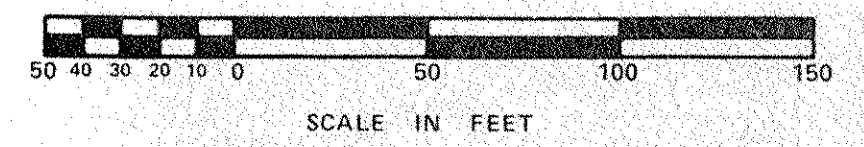
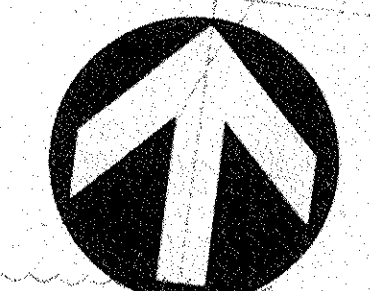
EX SAN M.H.  
TOP 142.9  
INV. N/A  
(SEE NOTE # 1, DWG. ST-11)

EXISTING SANITARY TO BE PROTECTED AS  
REQUIRED DURING STORM DRAIN INSTALLATION

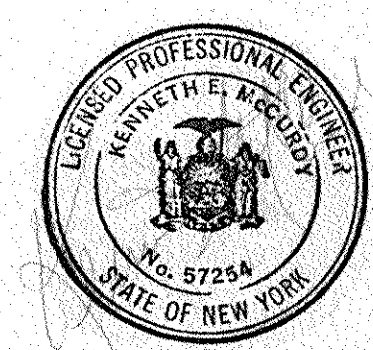
PROPOSED CONCRETE CRADLE  
(DETAIL #46)

15' WIDE SANITARY SEWER EASEMENT  
TO BE DEDICATED TO ORANGETOWN

- SITE UTILITY LEGEND**
- EXISTING SANITARY SEWER
  - PROPOSED SANITARY SEWER
  - G- PROPOSED GAS MAIN
  - W- EXISTING WATER MAIN
  - W- PROPOSED WATER MAIN
  - V- PROPOSED WATER GATE VALVE
  - F- PROPOSED FIRE HYDRANT
  - ST- PROPOSED STORM DRAIN AND INLET  
(SEE GRADING & DRAINAGE PLANS)
  - E- PROPOSED UNDERGROUND ELECTRIC CONDUIT  
AND MANHOLE
  - T- PROPOSED UNDERGROUND TELEPHONE CONDUIT  
AND MANHOLE



Revision No.	Description	Approved	Date
ADDENDUM NO. 3			3/10/86
ADDENDUM NO. 1			9/12/85



**Customer Executive Education Center**  
Palisades, New York

Mitchell/Giurgola Architects  
170 West 97th Street  
New York, New York 10025

Seymour Perrone Stogendy Storm  
Structural Engineers

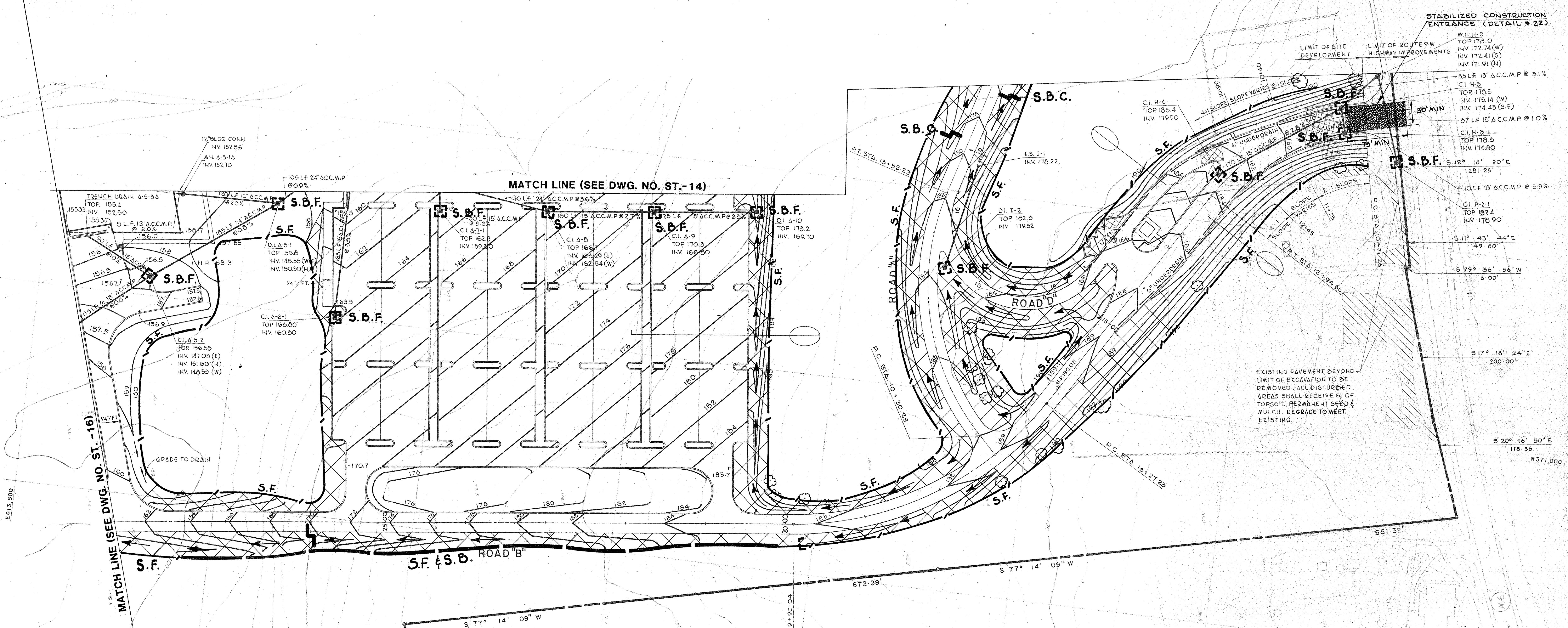
Sykes & Hennessy, Inc.  
Mechanical & Electrical Engineers

**RAYMOND KEYES ENGINEERS, P.C.**  
SITE ENGINEERS

**SITE UTILITY PLAN—S.W.**  
Status: BID PACKAGE

Title: **ST-12**  
Scale: 1" = 50'  
Drawn: J.A.H.  
Approved: O.A.K.





STABILIZED CONSTRUCTION ENTRANCE (DETAIL # 22)

M.H.H-2  
TOP 178.0  
INV. 172.41 (W)  
INV. 171.91 (H)

55 LF 15' ACC.M.P @ 3.1%  
C.I. H-3  
TOP 178.5  
INV. 175.14 (W)  
INV. 174.45 (S.E.)

37 LF 15' ACC.M.P @ 1.0%  
C.I. H-2-1  
TOP 178.5  
INV. 174.80

S 12° 16' 20" E  
281.25'

110 LF 16' ACC.M.P @ 5.9%  
C.I. H-2-1  
TOP 182.4  
INV. 178.90

S 11° 43' 44" E  
49.60'

S 79° 56' 36" W  
6.00'

S 17° 18' 24" E  
200.00'

S 20° 16' 50" E  
118.36'

N 371.00'

EXISTING PAVEMENT BEYOND LIMIT OF EXCAVATION TO BE REMOVED. ALL DISTURBED AREAS SHALL RECEIVE 6" OF TOPSOIL, REPAVEMENT SEED & MULCH. REGRADE TO MEET EXISTING.

**SOIL EROSION & SEDIMENT CONTROL CONSTRUCTION SEQUENCE**

- Prior to any grading operations, the Contractor shall install all sediment barriers and tree protection along the limits of grading.
- The Contractor shall drain existing Pond A and Pond B. If operational, the existing valves and dewatering devices shall be used to drain the ponds.
- The drained ponds shall be reviewed with the Owner's Field Representative to determine the method for converting Pond B to a temporary sediment pond during construction. The Contractor shall include in the Contract Price the installation of a 36" Perforated Riser (Detail #27) and 30 LF of 24" ACCSP. If feasible, the riser outlet will be connected to existing Pond B outlet pipe.
- After establishing Pond B as a Sediment Basin, construction of Earth Dam A can begin.
  - Remove existing concrete and earth dam.
  - Construct earth dam including 42" outlet pipe (see Specifications).
  - After completion of Dam A grading, all disturbed areas shall be stabilized with permanent seeding.
  - Install temporary 58" Perforated Riser and connect to 42" outlet. (Note: Dam C can be constructed concurrently with Dam A). N 370.500
- After the completion of Dam A (including NYSDEC Approval) and the installation of the temporary riser, existing Dam B can be removed and construction of the Proposed Dam B can proceed. Pond A shall function as a temporary sediment basin until all upstream Site areas are stabilized. At that time, the temporary riser shall be removed and permanent riser installed. The accumulated silt shall be removed and the bottom of Pond A shall be graded to the contours indicated on the Plan.
- Sediment control measures shall not be removed until all areas draining to them have been stabilized with permanent seeding and vegetation.

**SEDIMENT CONTROL NOTES**

- Soil erosion and sediment control during construction shall conform to the USDA - Soil Conservation Service "Standards and Specifications for Soil Erosion and Sediment Control in Developing Areas".
- All storm water runoff from disturbed areas shall be directed through sediment control structures before being discharged from the site.
- During the layout of sediment control practices on this plan, minor field adjustments shall be made to insure the arrest and control of runoff from disturbed areas.
- The Contractor shall keep surrounding roads clean of all mud, soil droppings, etc., at all times.
- Unsuitable material shall be disposed in non-structural fill or off-site. Off-site disposal shall be done in accordance with all regulations.
- All disturbed slopes, embankments, and drainage ditches which will be exposed for a period of one (1) month or more shall be seeded in accordance with temporary seeding procedures.
- Soil Erosion and Sediment Control measures shall be inspected weekly and after heavy and prolonged periods of rain. Repair or replacement of damaged control measures shall be made immediately.
- At locations where a sediment barrier and snow fence are both indicated, the Contractor shall either install a straw bale dike adjacent to the fence or attach the filter fabric directly to the snow fence (see detail N.23)

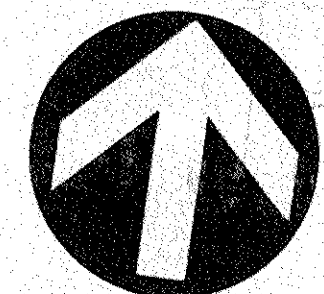
**SEEDING SPECIFICATIONS**

- Temporary Seeding - All disturbed areas not scheduled for construction activities within 1 month of disturbance shall be stabilized by applying the following:
  - Ground limestone at the rate of 135 lbs. per 1,000 square feet.
  - Fertilizer at the rate of 14 lbs. per 1,000 square feet, using a 10-20-10 analysis or an equivalent.
  - Annual ryegrass applied at not less than 1 lbs. per 1,000 square feet.
  - Mulch all newly seeded areas with 80 lbs. of salt hay or small grain straw per 1,000 square feet. Note: or between October 15 and March 15 when disturbed areas are scheduled for immediate landscaping, only mulching of disturbed areas will be required.
- All disturbed areas shall be landscaped with lawn, ground cover, trees or shrubs according to the Landscape Plans. All lawn areas shall be seeded in accordance with Contract Specifications.
- For permanent seeding, see specifications.

**LEGEND**

- Straw Bale Filter (Detail #19)
- Straw Bale Filter (Detail #17)
- Sediment Barrier (Silt Fence, Detail #20) (Straw Bale Dike, Detail #23)
- Straw Bale Check (Detail #13)
- Drainage Ditch or Swale
- Snow Fence Tree Protection (See Spec.)
- Area to receive Permanent Seeding after completion of road and parking lot.
- Existing tree to have special protection (see spec.)

**NOTE:**  
INFORMATION SHOWN ON THIS DRAWING IS FOR SEDIMENT CONTROL ONLY, FOR ALL CONSTRUCTION INFORMATION SEE THE FOLLOWING:  
1. "LAYOUT PLAN" - ST-1 THRU ST-4  
2. "GRADING & DRAINAGE PLAN" - ST-5 THRU ST-8  
3. "UTILITY PLAN" - ST-9 THRU ST-13



Revision No.	Description	Approved	Date
APPENDUM NO. 3			5/10/86
APPENDUM No. 1			9/12/86

Customer Executive Education Center  
Palisades, New York

Mitchell/Giorgio Architects  
170 West 97th Street  
New York, New York 10025

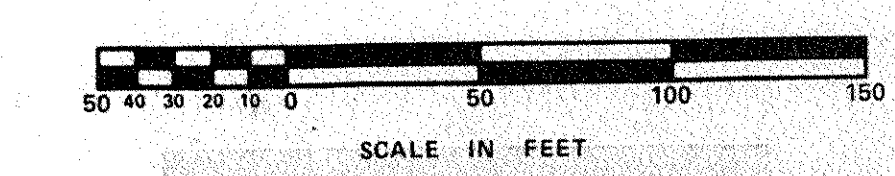
Several Persons Stoneyady Starn  
Structural Engineers

Sykes & Hennessy, Inc.  
Mechanical & Electrical Engineers

RAYMOND KEYES ENGINEERS, P.C.  
SITE ENGINEERS

**SOIL EROSION & SEDIMENT CONTROL PLAN - S.E.**

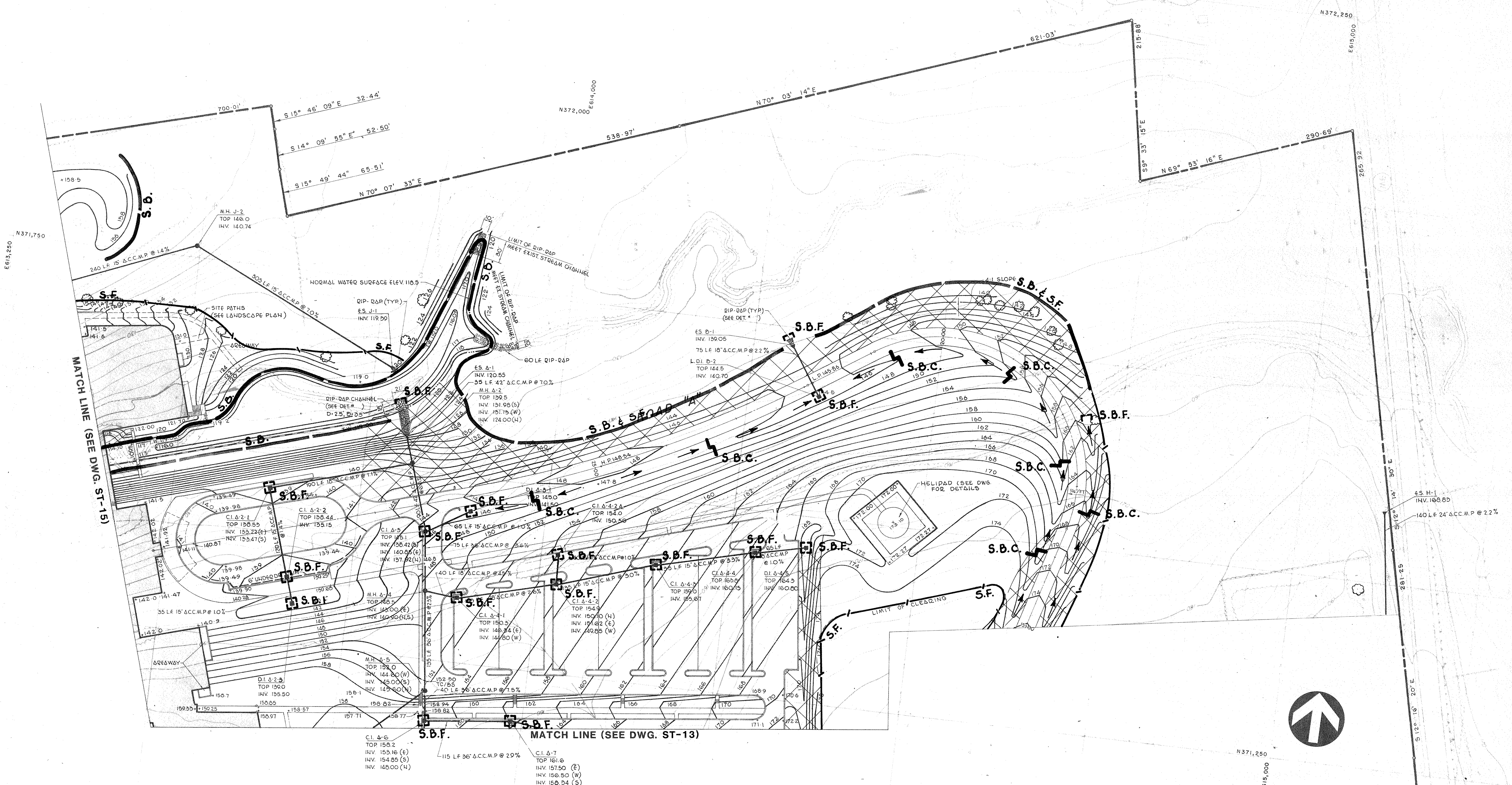
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Scale: 1" = 50'  
Drawn: H. G. P.  
Approved: O. A. K.



Peter G. Rolland and Associates  
Site Planners and Landscape Architects  
15 Purchase Street, Rye, New York 10580 914-967-6181

Project No. 3369

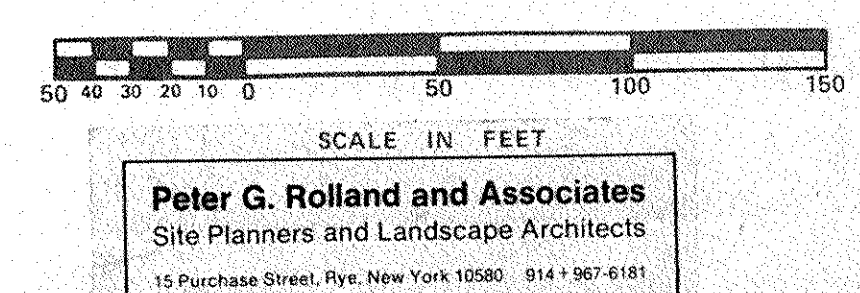




**NOTE:**  
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 INFORMATION SEE THE FOLLOWING:

1. 'LAYOUT PLAN' - ST-1 THRU ST-4
2. 'GRADING & DRAINAGE PLAN' - ST-5 THRU ST-8
3. 'UTILITY PLAN' - ST-9 THRU ST-13

- LEGEND**
- Straw Bale Filter (Detail #19)
  - Straw Bale Filter (Detail #17)
  - Sediment Barrier (Silt Fence, Detail #20) (Straw Bale Dike, Detail #23)
  - Straw Bale Check (Detail #18)
  - Drainage Ditch or Swale
  - Snow Fence Tree Protection (See Spec.)
  - Area to receive Permanent Seeding after completion of road and parking lot.
  - Existing tree to have special protection (see spec.)



Revision No.	Description	Approved	Date
ADDENDUM No. 3			3/10/86
ADDENDUM No. 1			9/12/85



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 Palisades, New York**

Mitchell/Giorgola Architects  
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 New York, New York 10025

Several Persons Specialty Storm  
 Structural Engineers

Syska & Hennessy, Inc.  
 Mechanical & Electrical Engineers

**RAYMOND KEYES ENGINEERS, P.C.  
 SITE ENGINEERS**

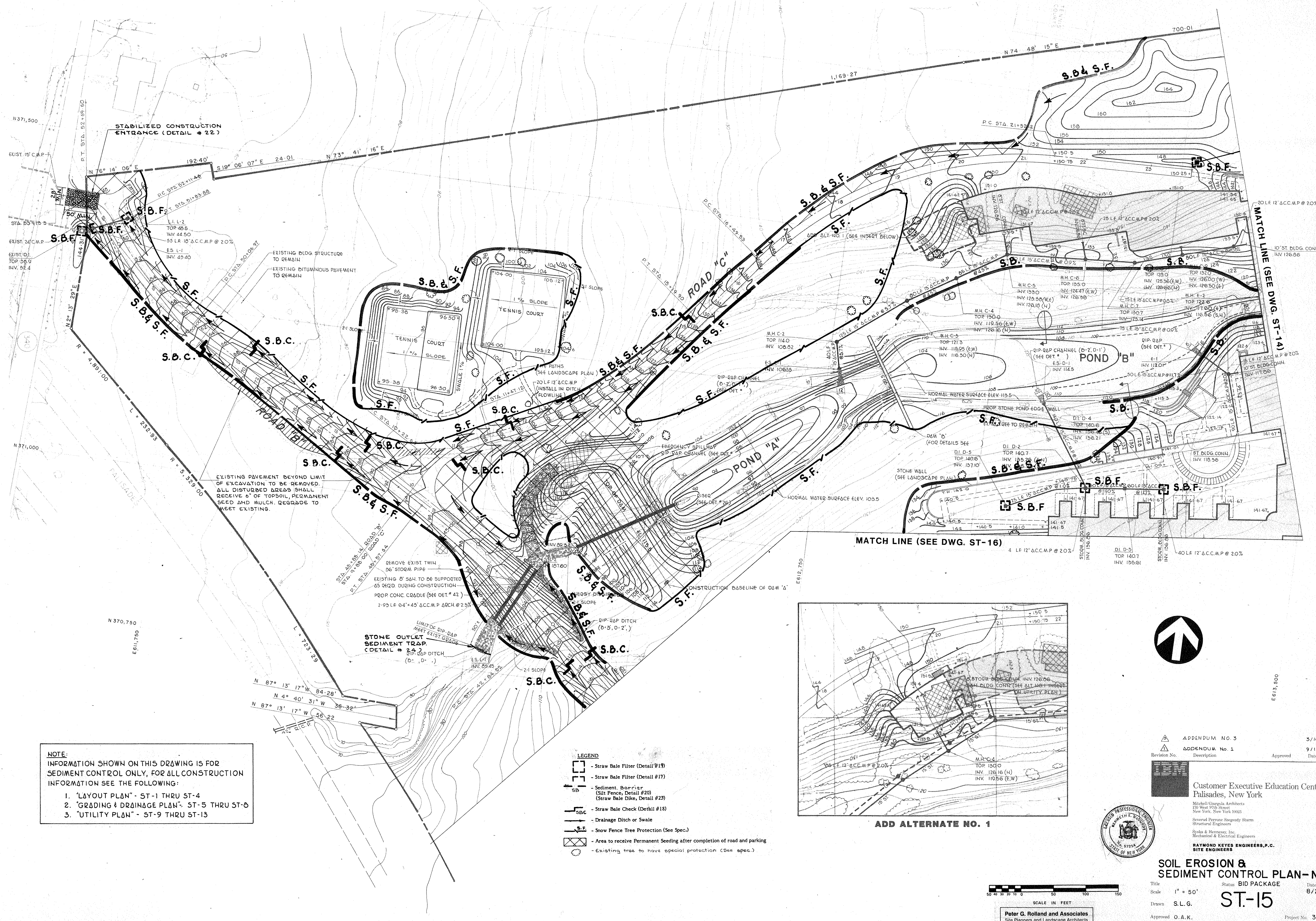
**SOIL EROSION &  
 SEDIMENT CONTROL PLAN - N.E.**

Status: BID PACKAGE Date: 8-23-85  
 Scale: 1" = 50'  
 Drawn: J.A.N.  
 Approved: O.A.K.

**ST-14**

Project No. 3368

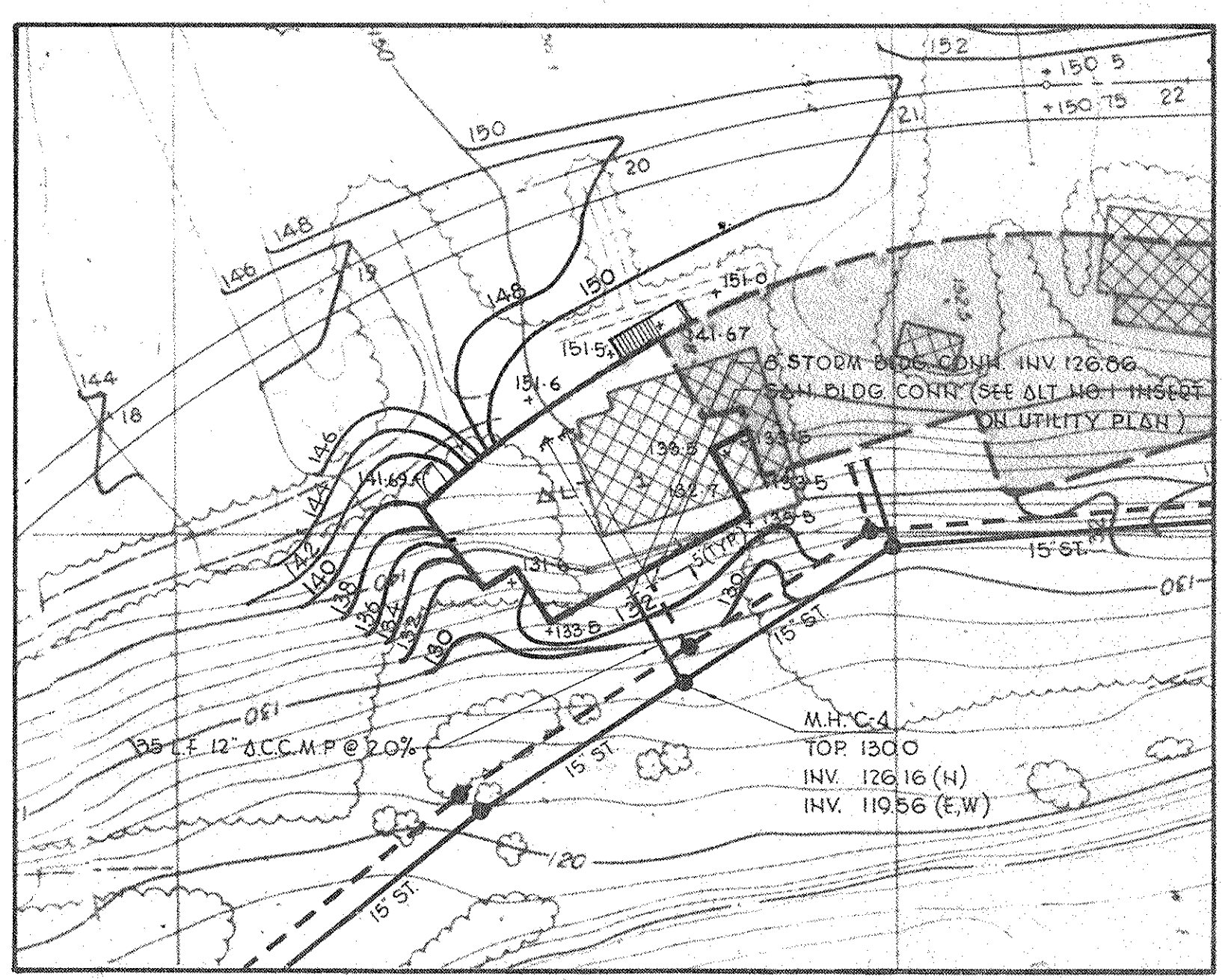




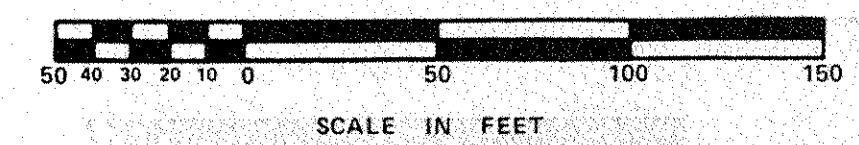
**NOTE:**  
 INFORMATION SHOWN ON THIS DRAWING IS FOR  
 SEDIMENT CONTROL ONLY, FOR ALL CONSTRUCTION  
 INFORMATION SEE THE FOLLOWING:

1. "LAYOUT PLAN" - ST-1 THRU ST-4
2. "GRADING & DRAINAGE PLAN" - ST-5 THRU ST-8
3. "UTILITY PLAN" - ST-9 THRU ST-13

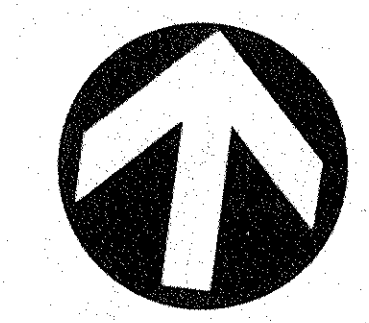
- LEGEND**
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  - Drainage Ditch or Swale
  - Snow Fence Tree Protection (See Spec.)
  - Area to receive Permanent Seeding after completion of road and parking
  - Existing tree to have special protection (See spec.)



**ADD ALTERNATE NO. 1**



**Peter G. Rolland and Associates**  
 Site Planners and Landscape Architects  
 15 Purchase Street, New York, New York 10017-9011



Revision No.	Description	Approved	Date
ADDENDUM NO. 3			5/10/86
ADDENDUM NO. 1			9/12/85



**Customer Executive Education Center**  
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Michel/Garofalo Architects  
 170 West 57th Street  
 New York, New York 10019

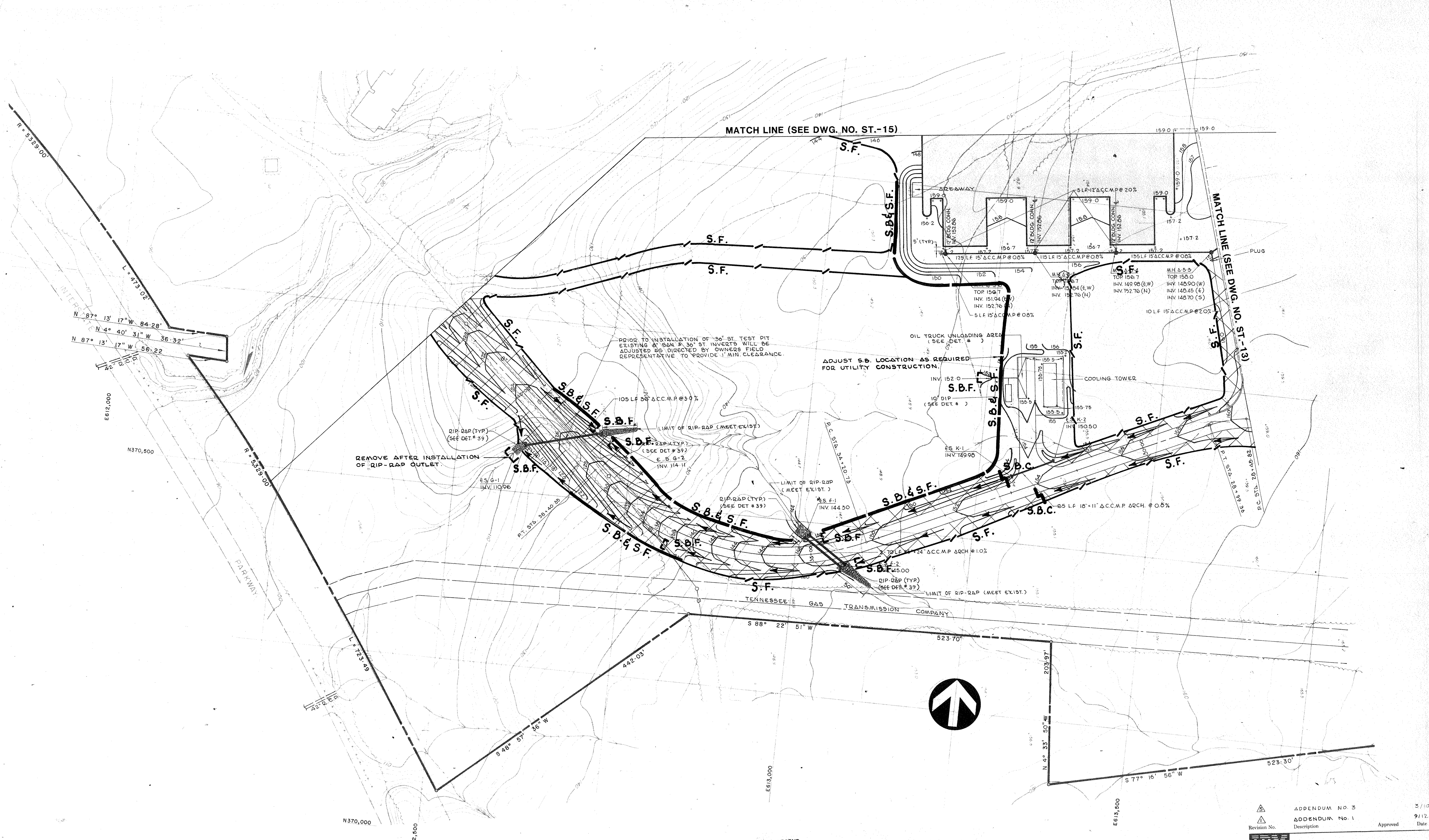
Severin Perrone Stegosity Sturm  
 Structural Engineers  
 Syka & Hennessy, Inc.  
 Mechanical & Electrical Engineers

**RAYMOND KEYES ENGINEERS, P.C.**  
 SITE ENGINEERS

**SOIL EROSION & SEDIMENT CONTROL PLAN-N.W.**  
 Title: BID PACKAGE  
 Scale: 1" = 50'  
 Drawn: S.L.G.  
 Approved: O.A.K.

**ST-15**  
 Date: 8/23/85  
 Project No: 3368





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 SEDIMENT CONTROL ONLY, FOR ALL CONSTRUCTION  
 INFORMATION SEE THE FOLLOWING:  
 1. 'LAYOUT PLAN' - ST-1 THRU ST-4  
 2. 'GRADING & DRAINAGE PLAN' - ST-5 THRU ST-8  
 3. 'UTILITY PLAN' - ST-9 THRU ST-13

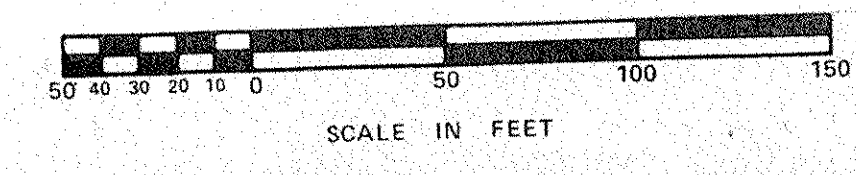
- LEGEND**
- Straw Bale Filter (Detail #19)
  - Straw Bale Filter (Detail #17)
  - Sediment Barrier (Silt Fence, Detail #20) (Straw Bale Dike, Detail #23)
  - Straw Bale Check (Detail #18)
  - Drainage Ditch or Swale
  - Snow Fence Tree Protection (See Spec.)
  - Area to receive Permanent Seeding after completion of road and parking
  - Existing tree to have special protection (See spec.)

Revision No.	Description	Approved	Date
APPENDUM No. 3			5/10/06
APPENDUM No. 1			9/12/05

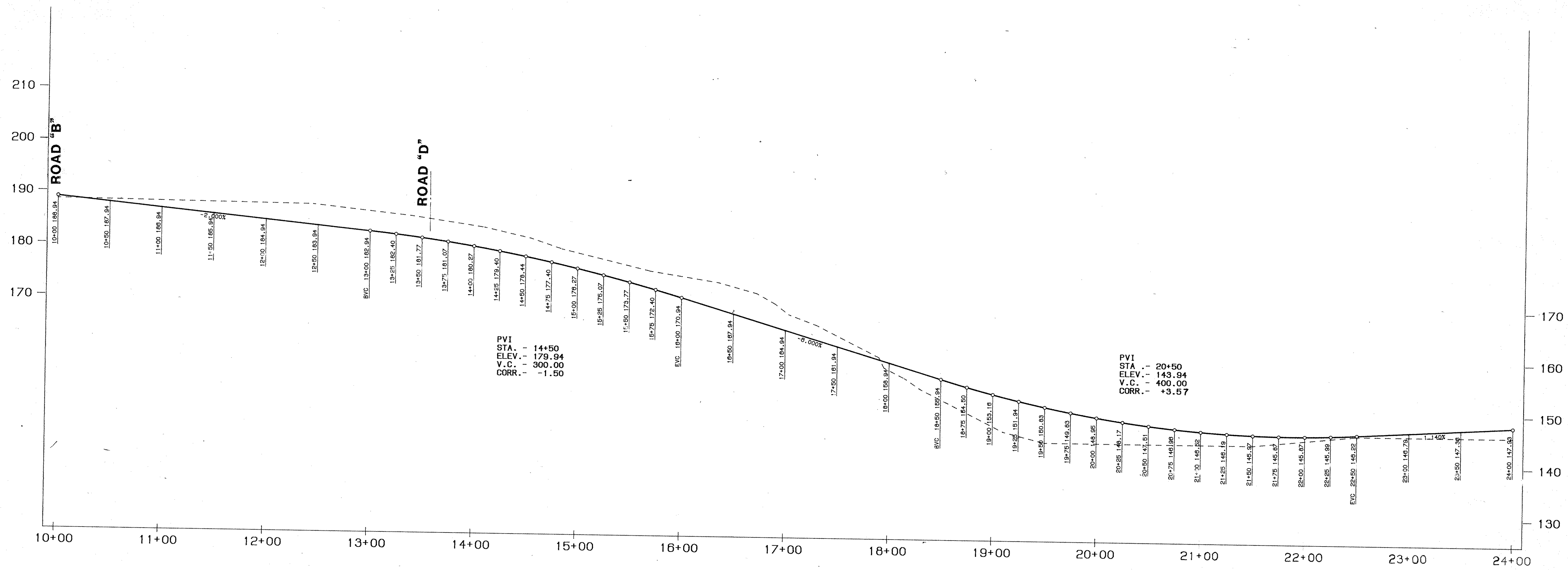


Customer Executive Education Center  
 Palisades, New York  
 Mitchell/Giurgola Architects  
 170 West 97th Street  
 New York, New York 10025  
 Structural Engineers  
 Several Permit Staged/Sturm  
 Structural Engineers  
 Sylla & Hennessy, Inc.  
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 RAYMOND KEYES ENGINEERS, P.C.  
 SITE ENGINEERS

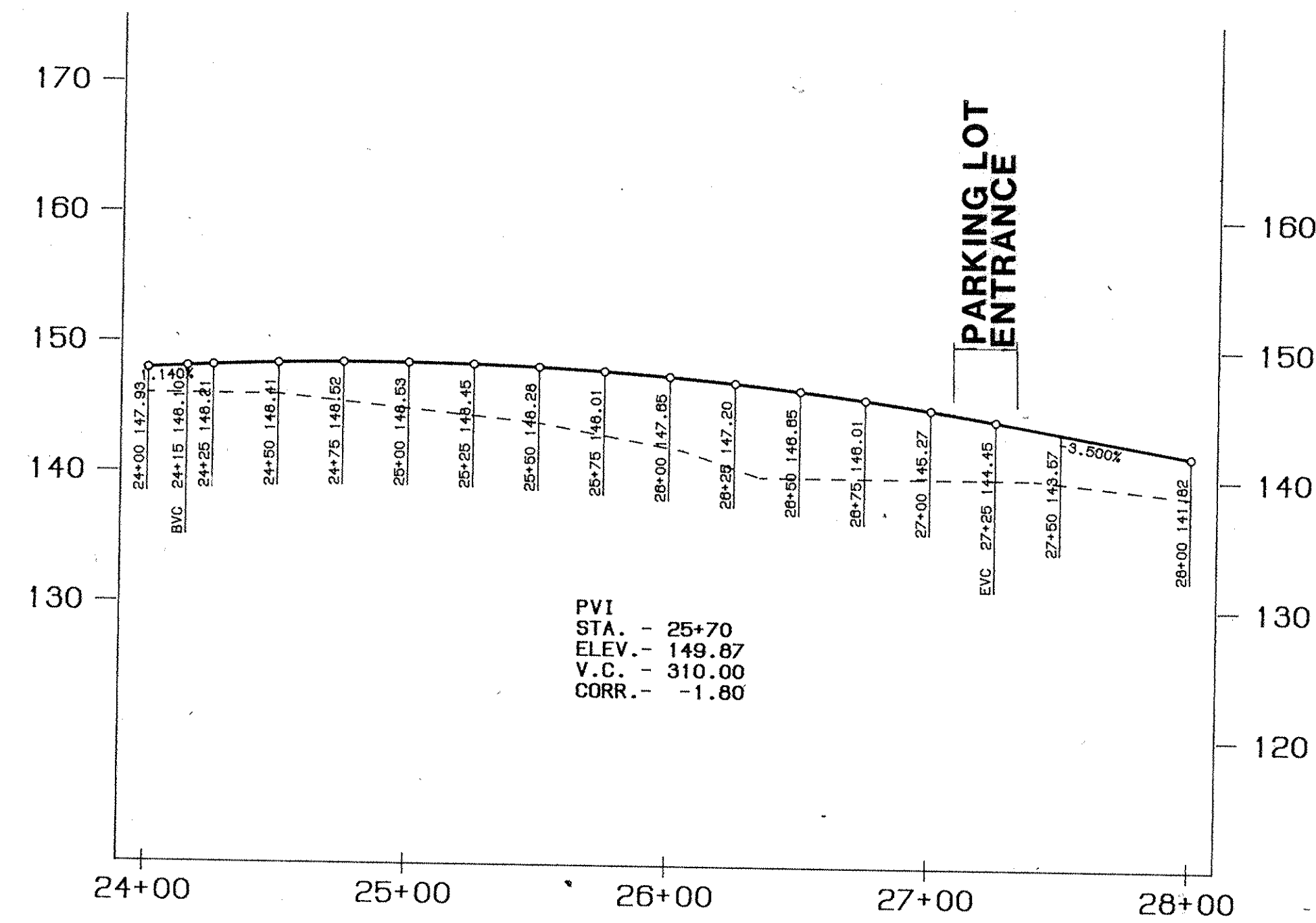
**SOIL EROSION & SEDIMENT CONTROL PLAN - S.W.**  
 Title  
 Status BID PACKAGE  
 Scale 1" = 50'  
 Drawn H.G.P.  
 Approved O.A.K.  
**ST-16**  
 Date 8/23/06  
 Project No. 336E



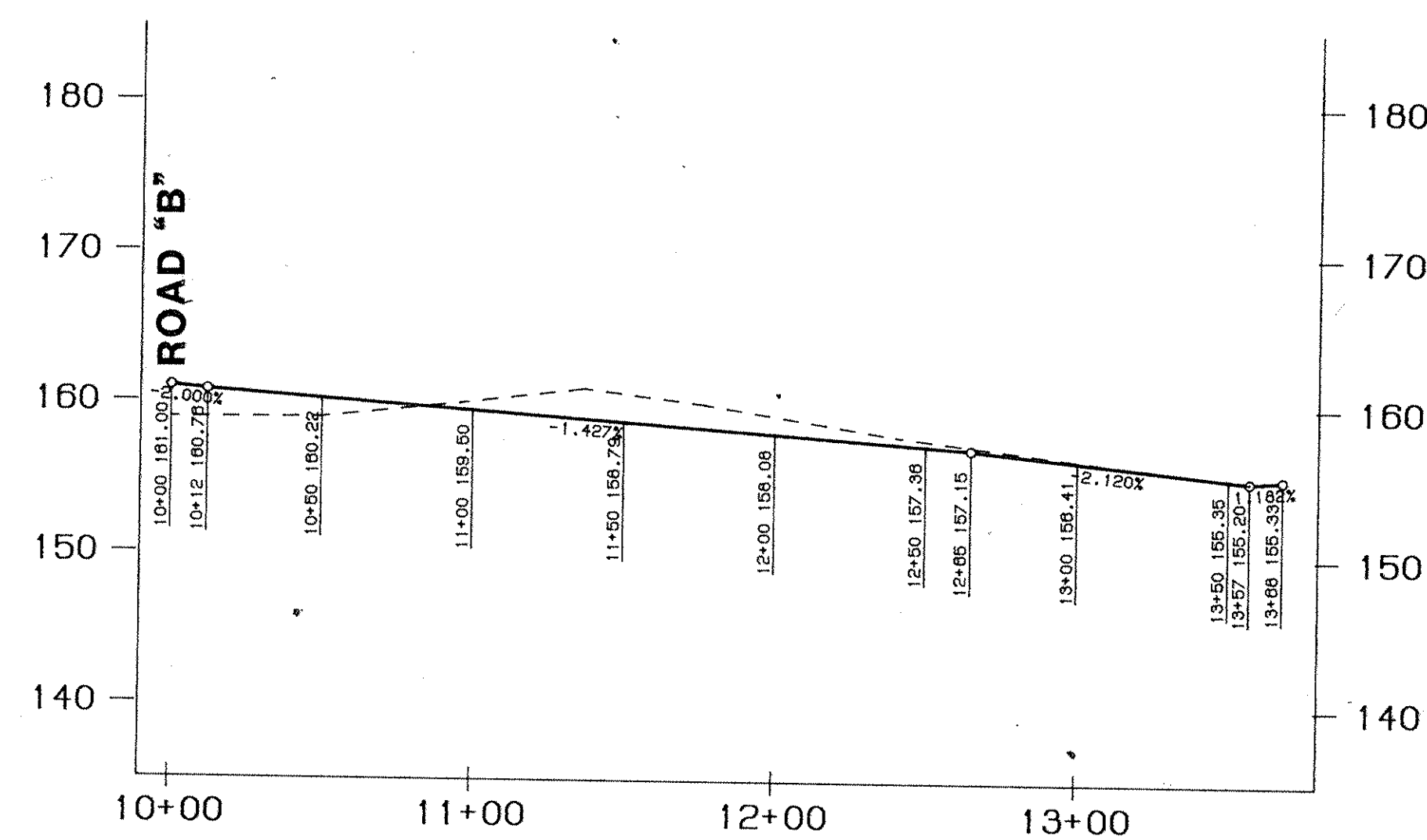




ROAD A - PROFILE



ROAD A - PROFILE



LOADING DOCK - PROFILE

**ROAD PROFILE LEGEND**

- Existing Ground
- Proposed Profile Grade
- B.V.C. - Begin Vertical Curve
- E.V.C. - End Vertical Curve
- R.V.C. - Reverse Vertical Curve

Revision No.	Description	Approved	Date
ADDENDUM NO. 3			3/10/86

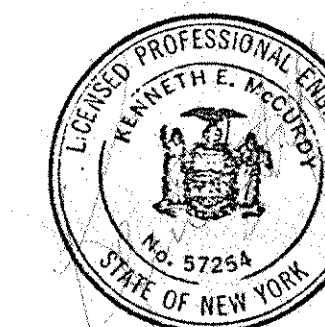
**IBM**  
Customer Executive Education Center  
Palisades, New York

Mitchell/Giordola Architects  
170 West 97th Street  
New York, New York 10025  
Structural Engineers

Several Persons Stagnopy-Sturm  
Structural Engineers

Syka & Hennessy, Inc.  
Mechanical & Electrical Engineers

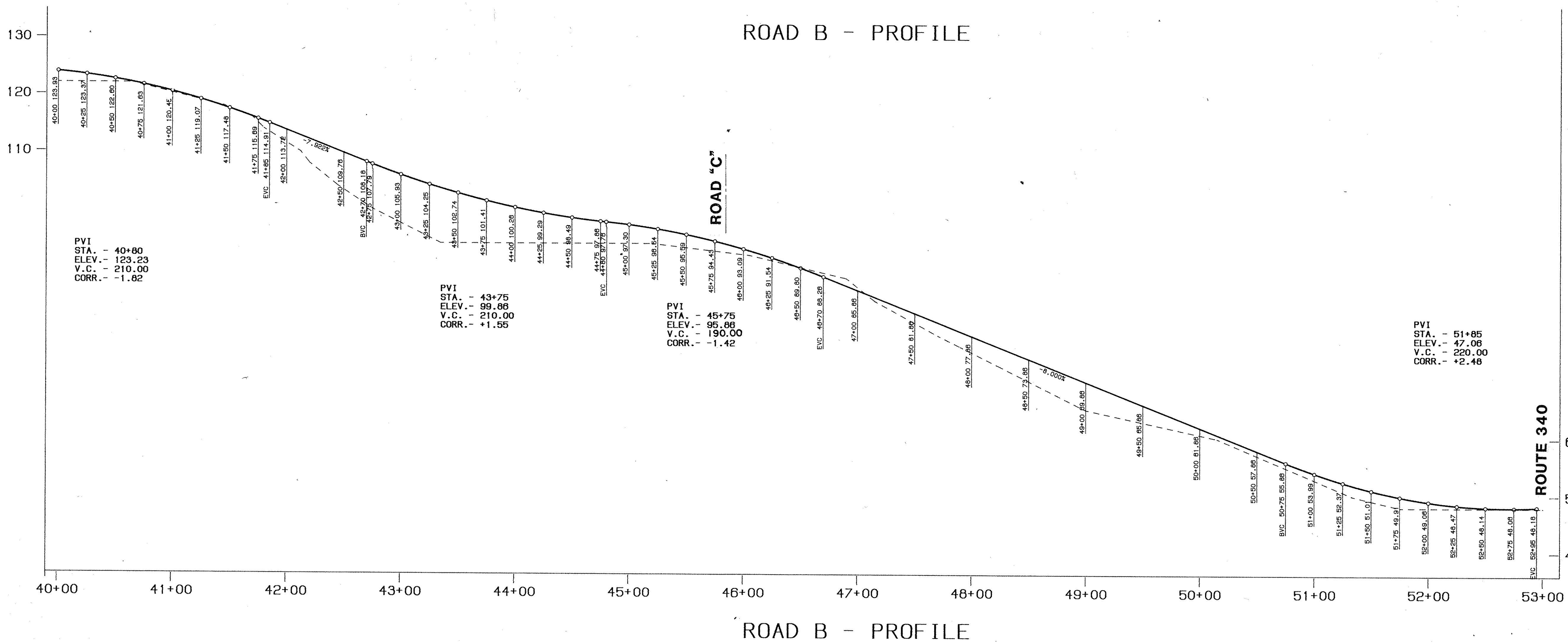
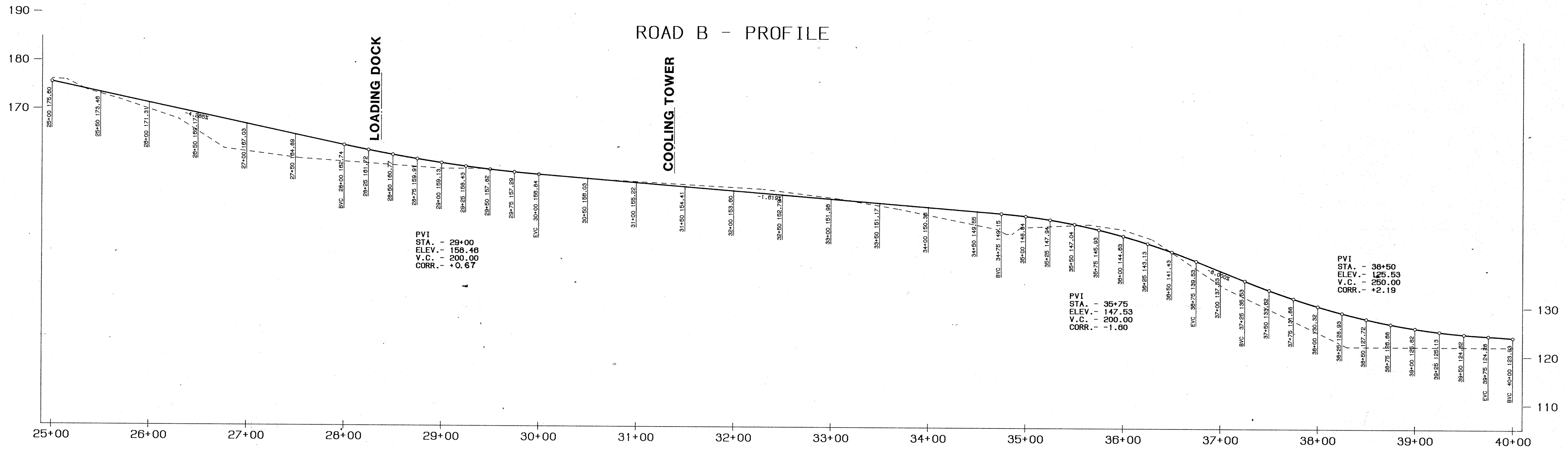
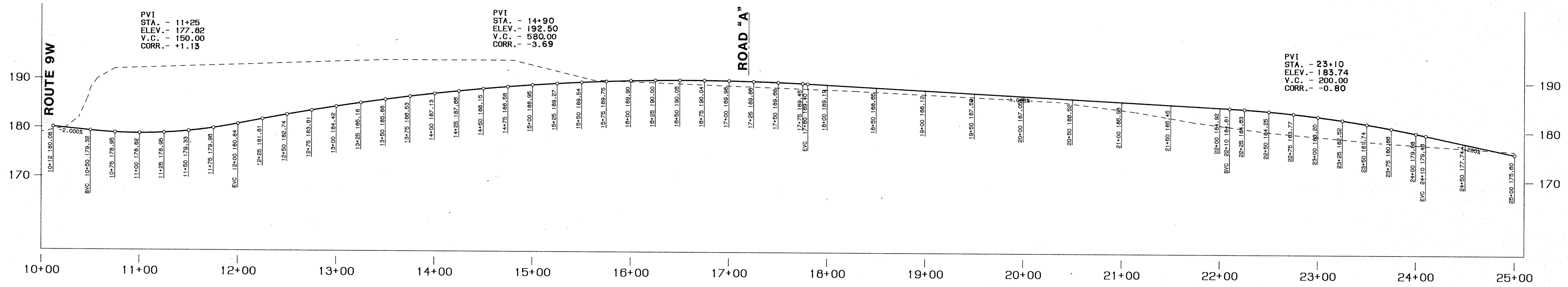
**RAYMOND KEYES ENGINEERS, P.C.**  
SITE ENGINEERS



**ROAD PROFILES-ROAD "A"  
-LOADING DOCK**

Title: \_\_\_\_\_ Date: \_\_\_\_\_  
Scale: HOR. 1"=50' Status: BID PACKAGE Date: 8-23-85  
VERT. 1"=10'  
Drawn: J. A. E. **ST-17**  
Approved: O. A. K. Project No. 3368

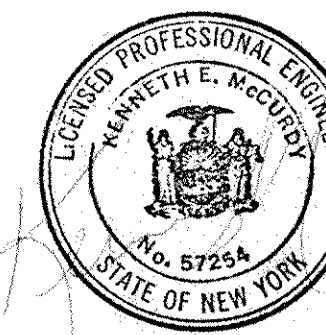




- ROAD PROFILE LEGEND**
- Existing Ground
  - Proposed Profile Grade
  - B.V.C. - Begin Vertical Curve
  - E.V.C. - End Vertical Curve
  - R.V.C. - Reverse Vertical Curve

APPENDUM NO. 3  
Revision No. Description Approved Date 3/10/84

**IBM**  
Customer Executive Education Center  
Palisades, New York

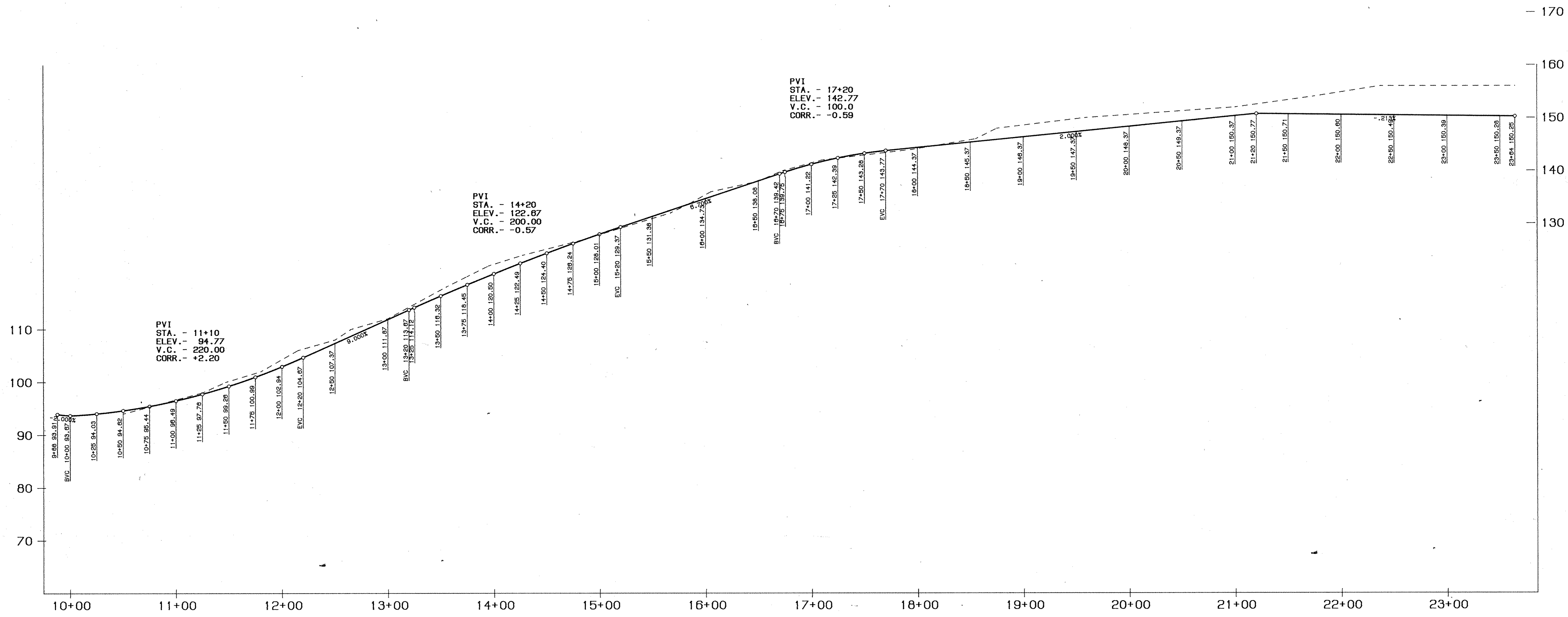


Mitchell Garofalo Architects  
120 West 50th Street  
New York, New York 10015  
Severald Perrone Stoopsdy Sturm  
Structural Engineers  
Siska & Hennessy, Inc.  
Mechanical & Electrical Engineers  
**RAYMOND KEYES ENGINEERS, P.C.**  
SITE ENGINEERS

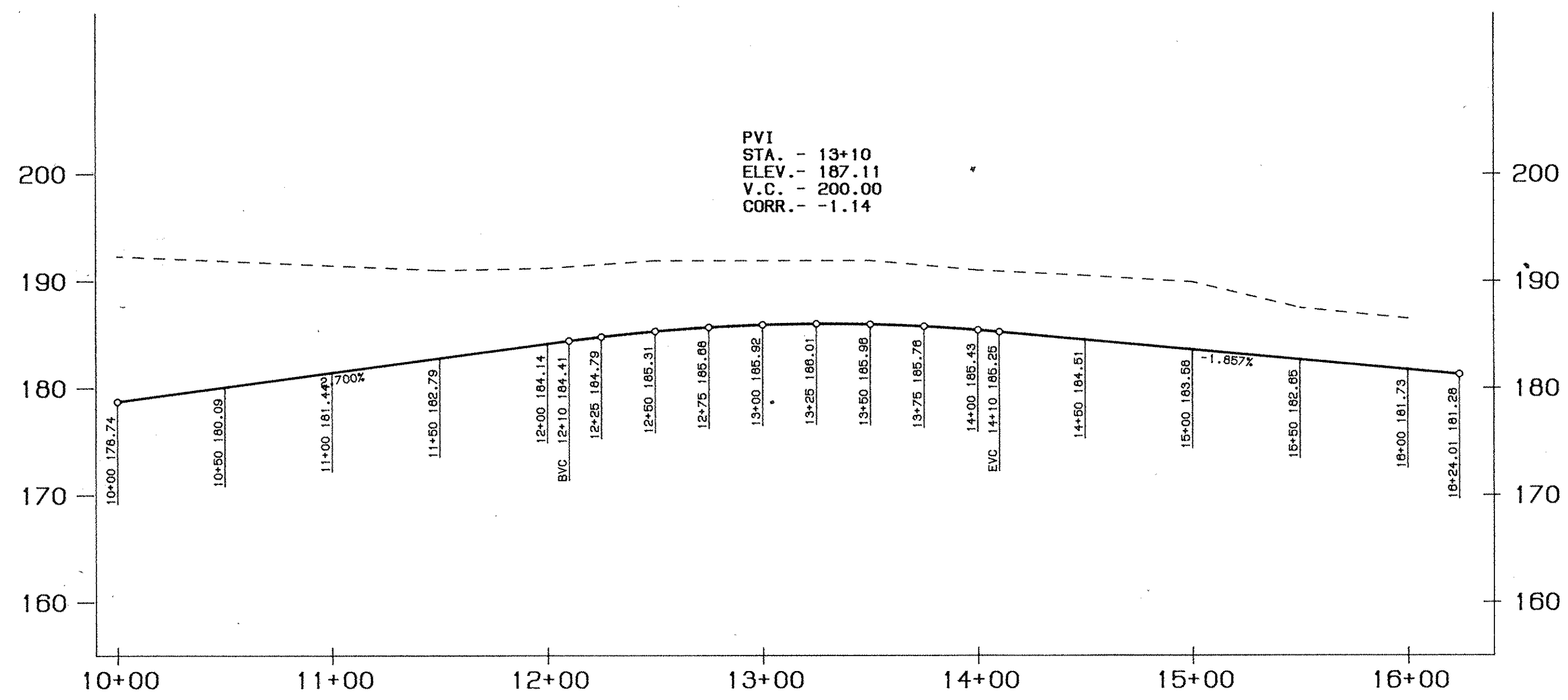
**ROAD PROFILES - ROAD "B"**

Title: HOR. 1" = 50'      Status: BID PACKAGE      Date: 8-23-85  
Scale: VERT. 1" = 10'  
Drawn: J. A. E.  
Approved: O. A. K.      Project No. 3368





ROAD C - PROFILE



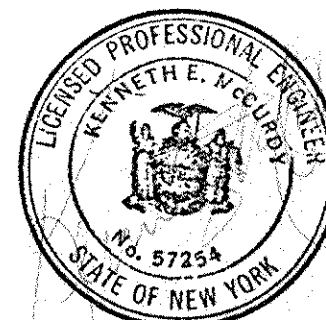
ROAD D - PROFILE

ROAD PROFILE LEGEND

- Existing Ground
- Proposed Profile Grade
- B.V.C. - Begin Vertical Curve
- E.V.C. - End Vertical Curve
- R.V.C. - Reverse Vertical Curve

Revision No.	Description	Approved	Date
APPENDUM NO. 3			5/10/85

Customer Executive Education Center  
Palisades, New York



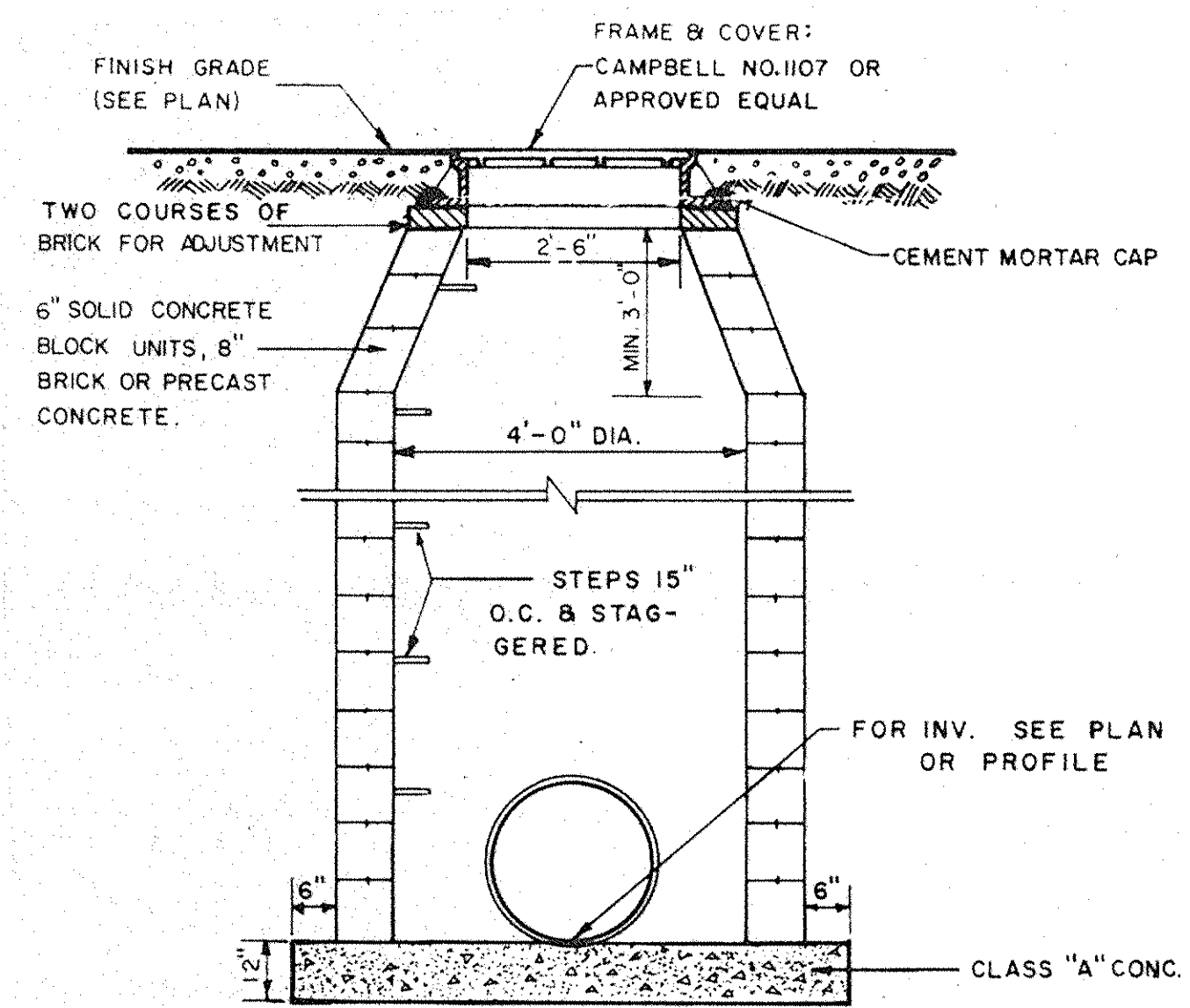
Mitchell Giorgio Architects  
10 West 97th Street  
New York, New York 10025  
Severall Perrine Stearns Sturm  
Structural Engineers  
Spika & Hennessy, Inc.  
Mechanical & Electrical Engineers

RAYMOND KEYES ENGINEERS, P.C.  
SITE ENGINEERS

ROAD PROFILES - ROAD "C"  
- ROAD "D"

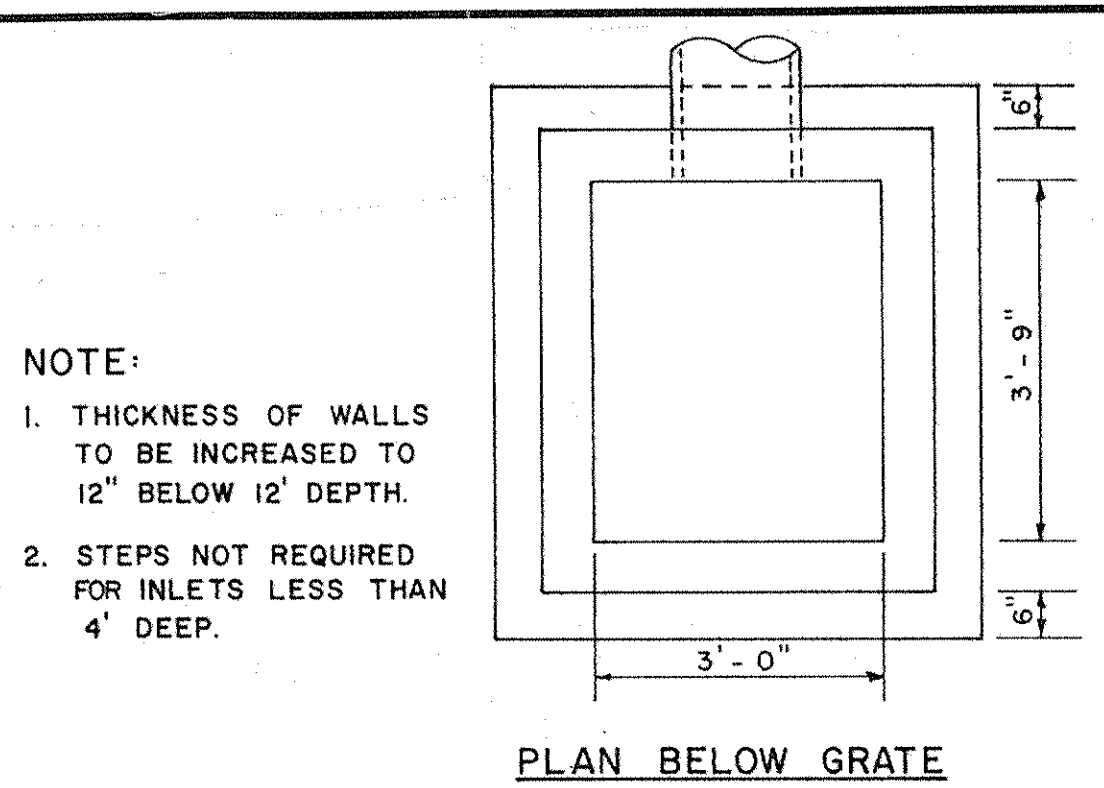
Title: Status: BID PACKAGE Date:  
Scale: HOR. 1" = 50' VERT. 1" = 10' 8-23-85  
Drawn: J. A. E. ST-19  
Approved: O. A. K. Project No. 3368



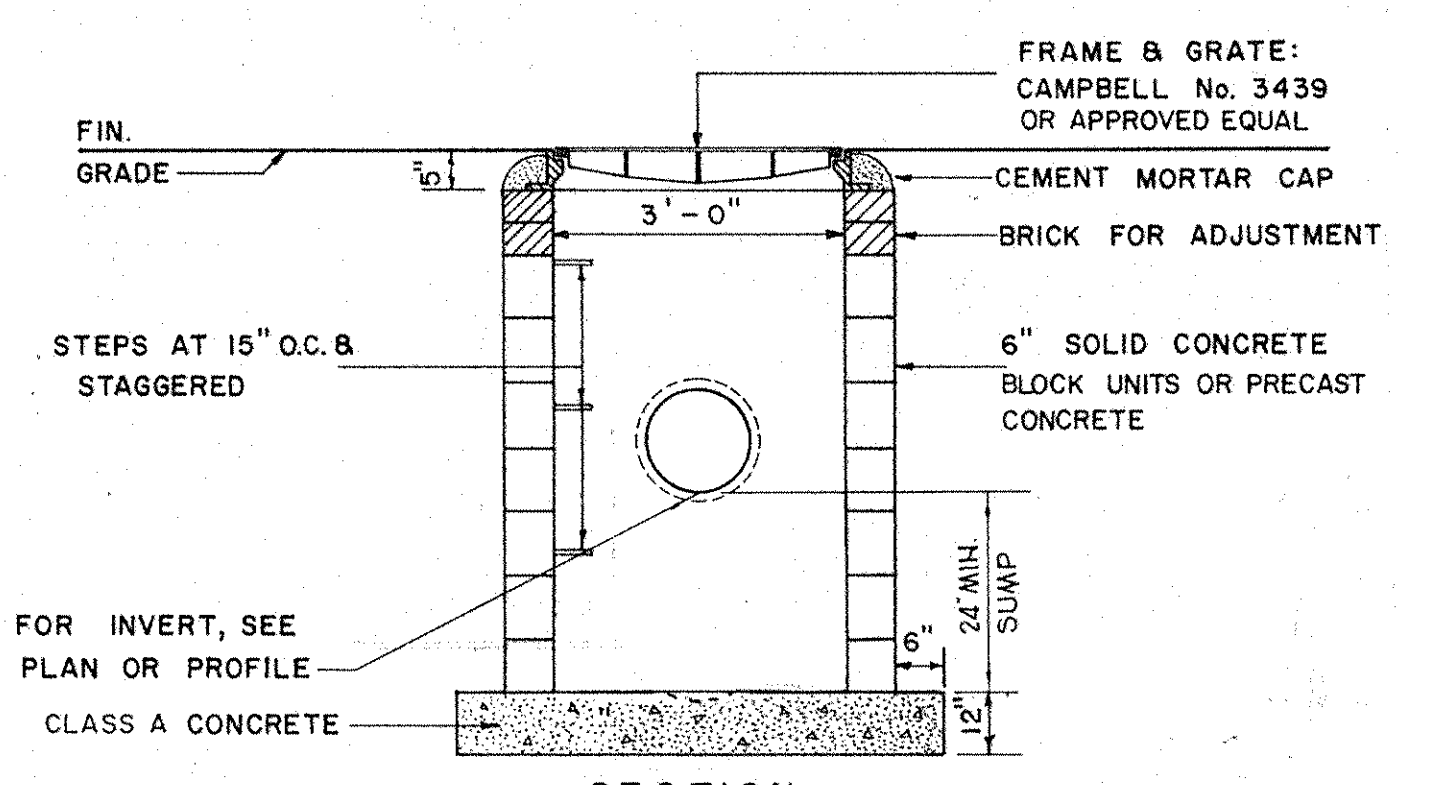


**NOTE:**  
 1. SPECIAL MANHOLES SHALL HAVE 5' INSIDE DIAMETER.  
 2. THICKNESS OF WALLS TO BE INCREASED TO 12" BELOW 12' DEPTH.

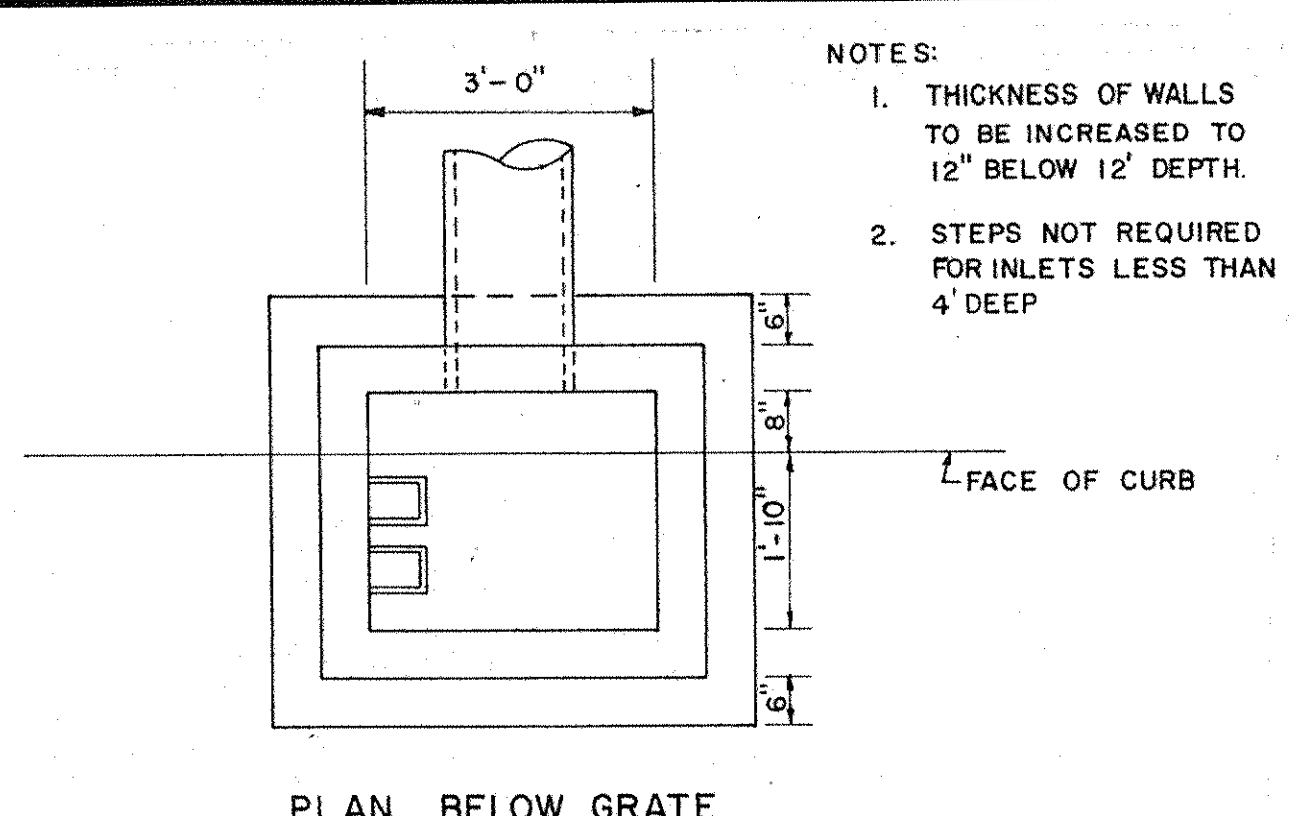
**STORM MANHOLE**  
 SCALE: 1/2" = 1'-0"



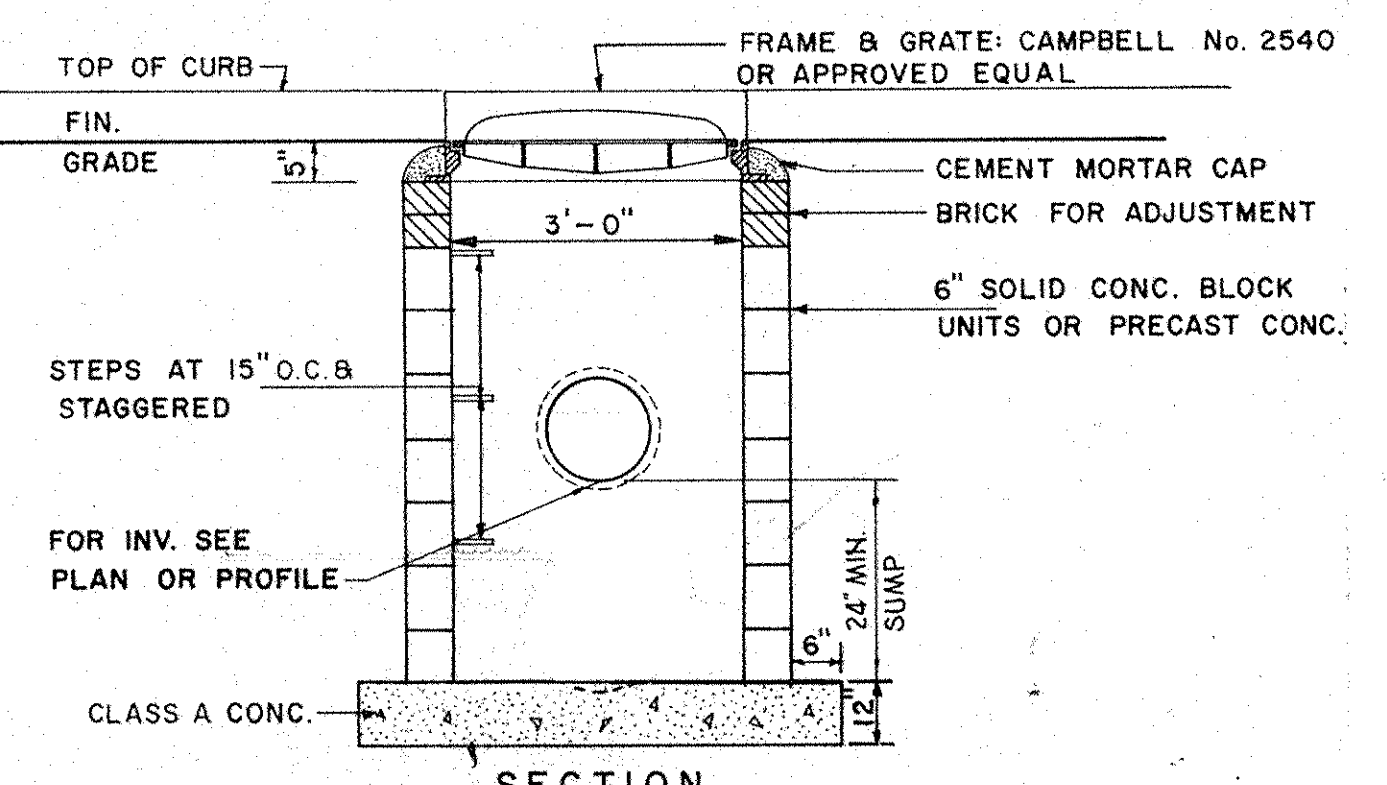
**NOTE:**  
 1. THICKNESS OF WALLS TO BE INCREASED TO 12" BELOW 12' DEPTH.  
 2. STEPS NOT REQUIRED FOR INLETS LESS THAN 4' DEEP.



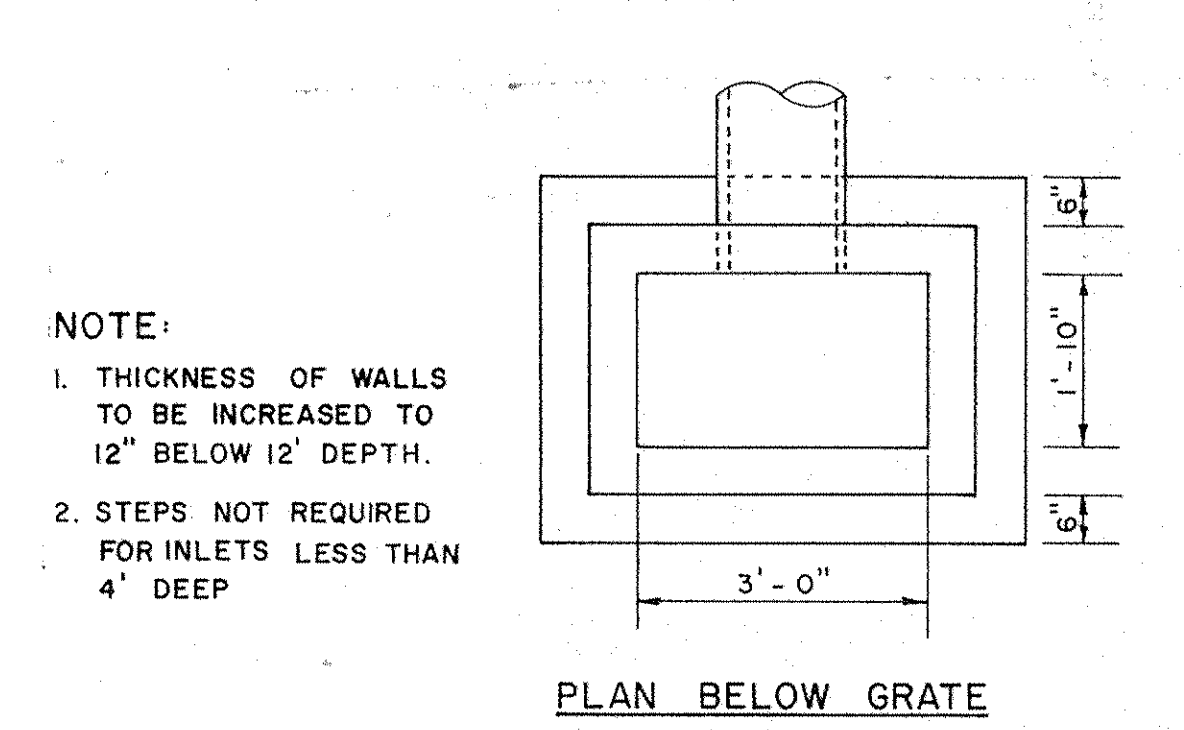
**LARGE DRAIN INLET**  
 SCALE: 1/2" = 1'-0"



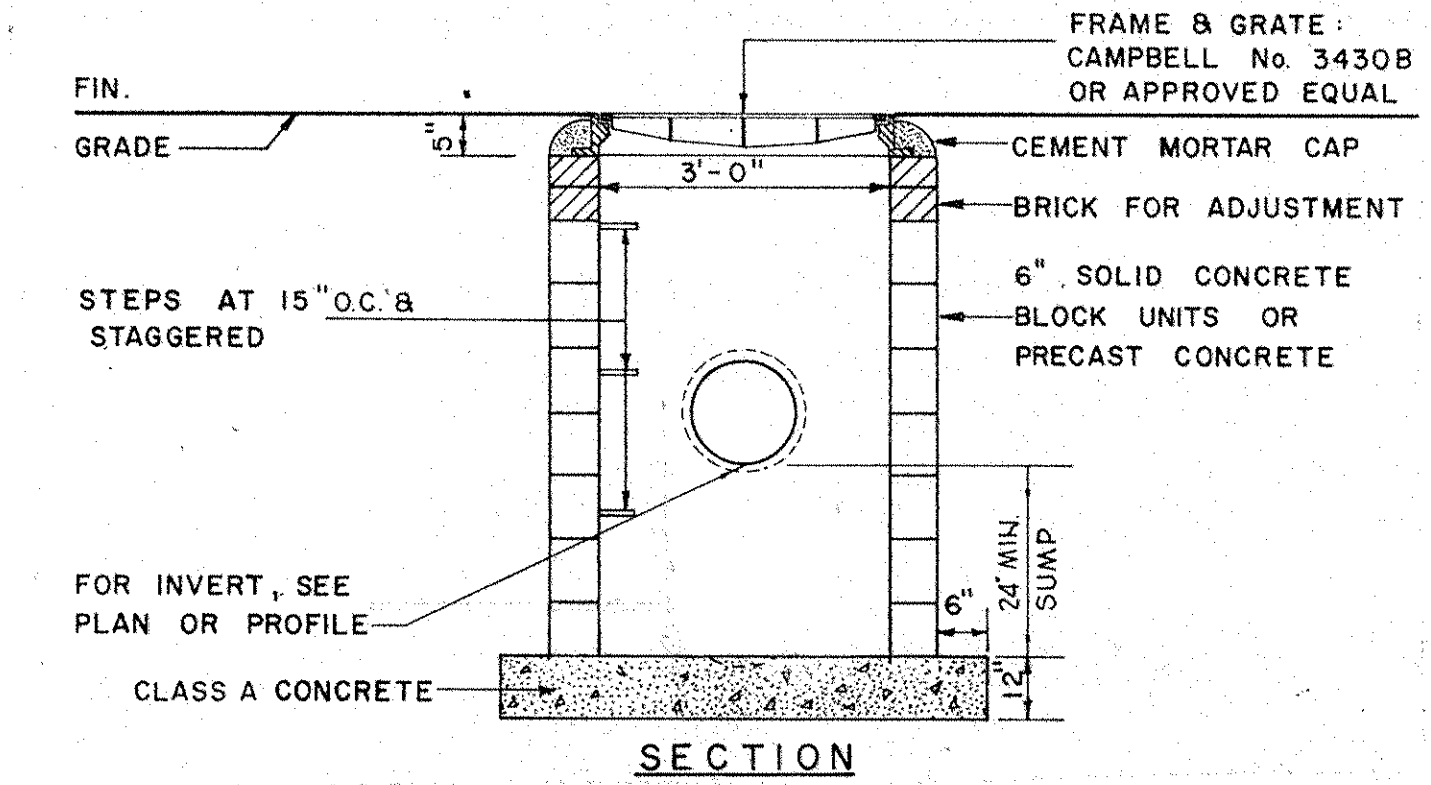
**NOTES:**  
 1. THICKNESS OF WALLS TO BE INCREASED TO 12" BELOW 12' DEPTH.  
 2. STEPS NOT REQUIRED FOR INLETS LESS THAN 4' DEEP.



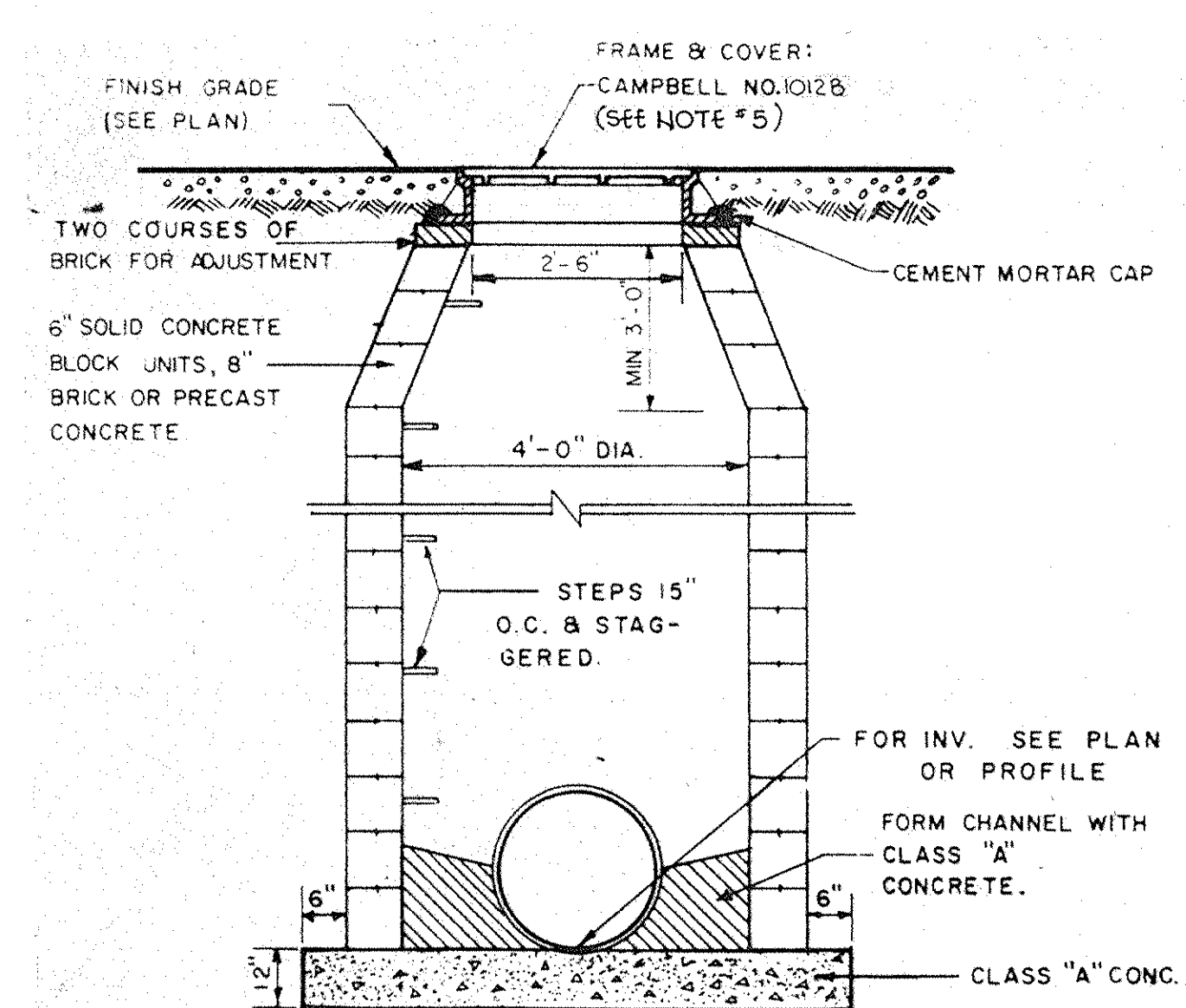
**COMBINATION INLET**  
 SCALE: 1/2" = 1'-0"



**NOTE:**  
 1. THICKNESS OF WALLS TO BE INCREASED TO 12" BELOW 12' DEPTH.  
 2. STEPS NOT REQUIRED FOR INLETS LESS THAN 4' DEEP.

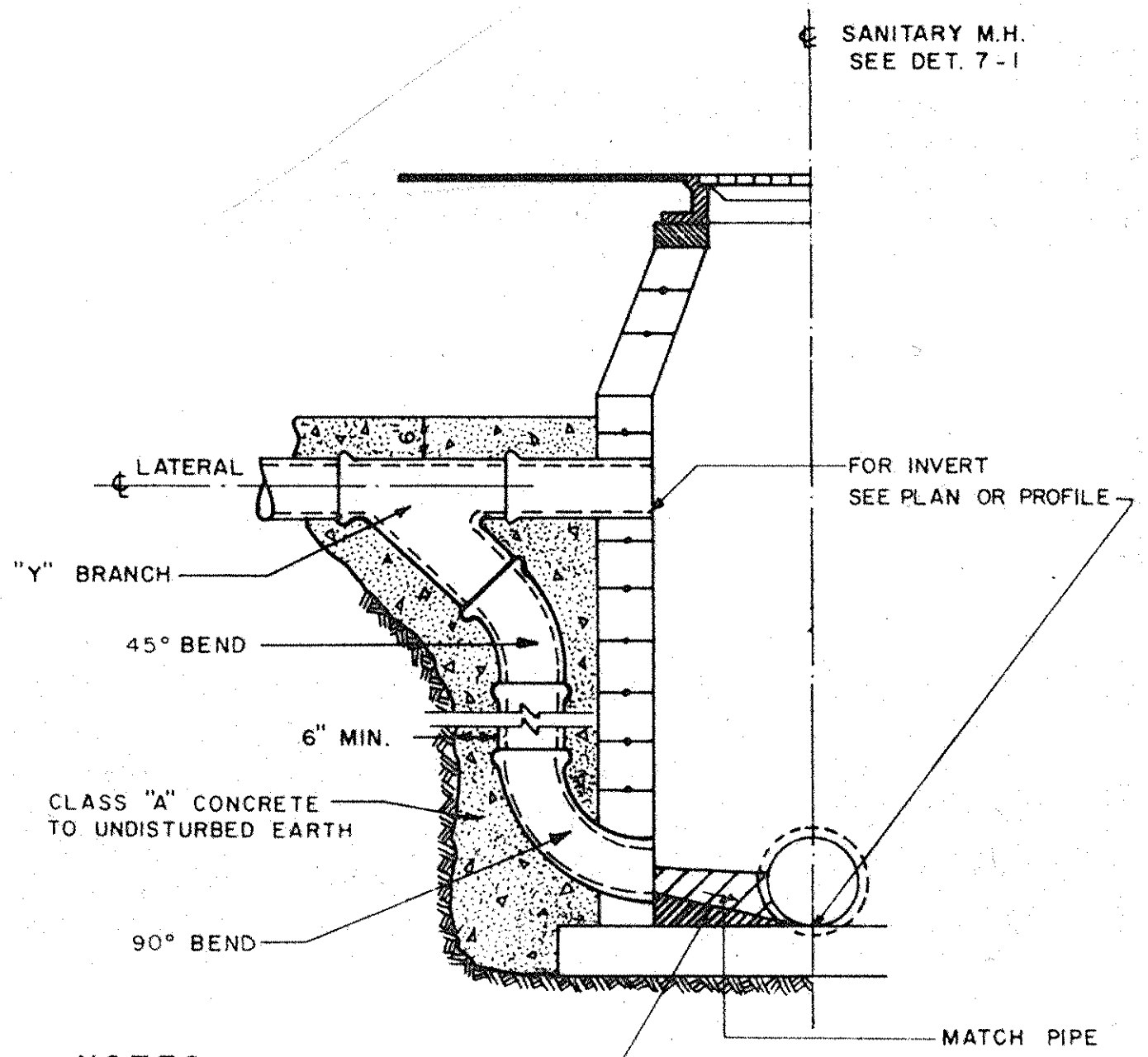


**SMALL DRAIN INLET**  
 SCALE: 1/2" = 1'-0"



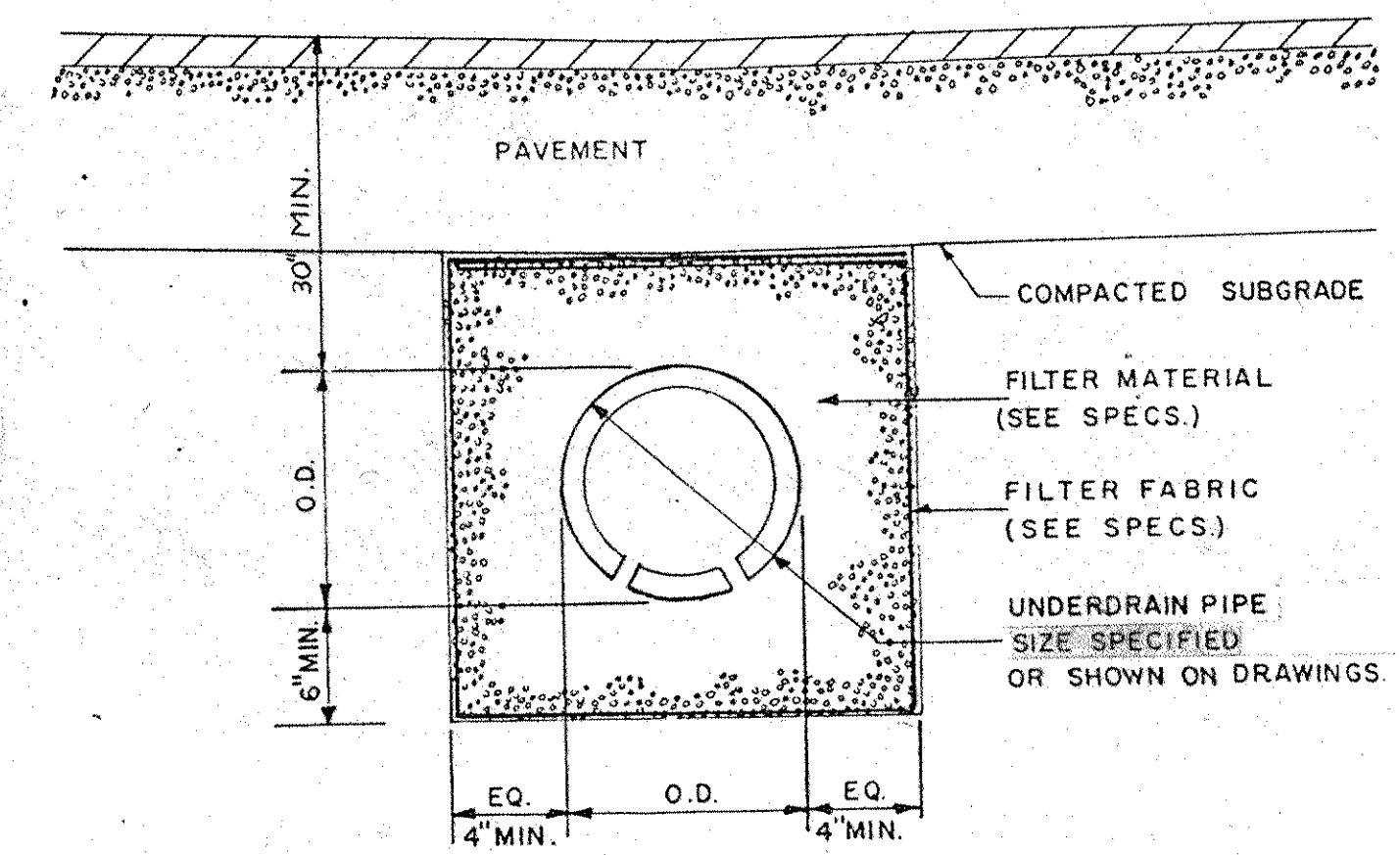
**NOTE:**  
 1. SPECIAL MANHOLES SHALL HAVE 5' INSIDE DIAMETER.  
 2. THICKNESS OF WALLS TO BE INCREASED TO 12" BELOW 12' DEPTH.  
 3. OUTSIDE OF SAN. MANHOLE TO BE COATED WITH BITUMASTIC.  
 4. TERMINAL MANHOLE FLOORS TO BE SLOPED TOWARDS OUTFALL PIPE.  
 5. EXISTING MANHOLES WITHIN SANITARY EASEMENT TO BE PROVIDED WITH CAMPBELL NO. 1460B LOCKING TYPE FRAME AND COVER.

**SANITARY MANHOLE**  
 SCALE: 1/2" = 1'-0"

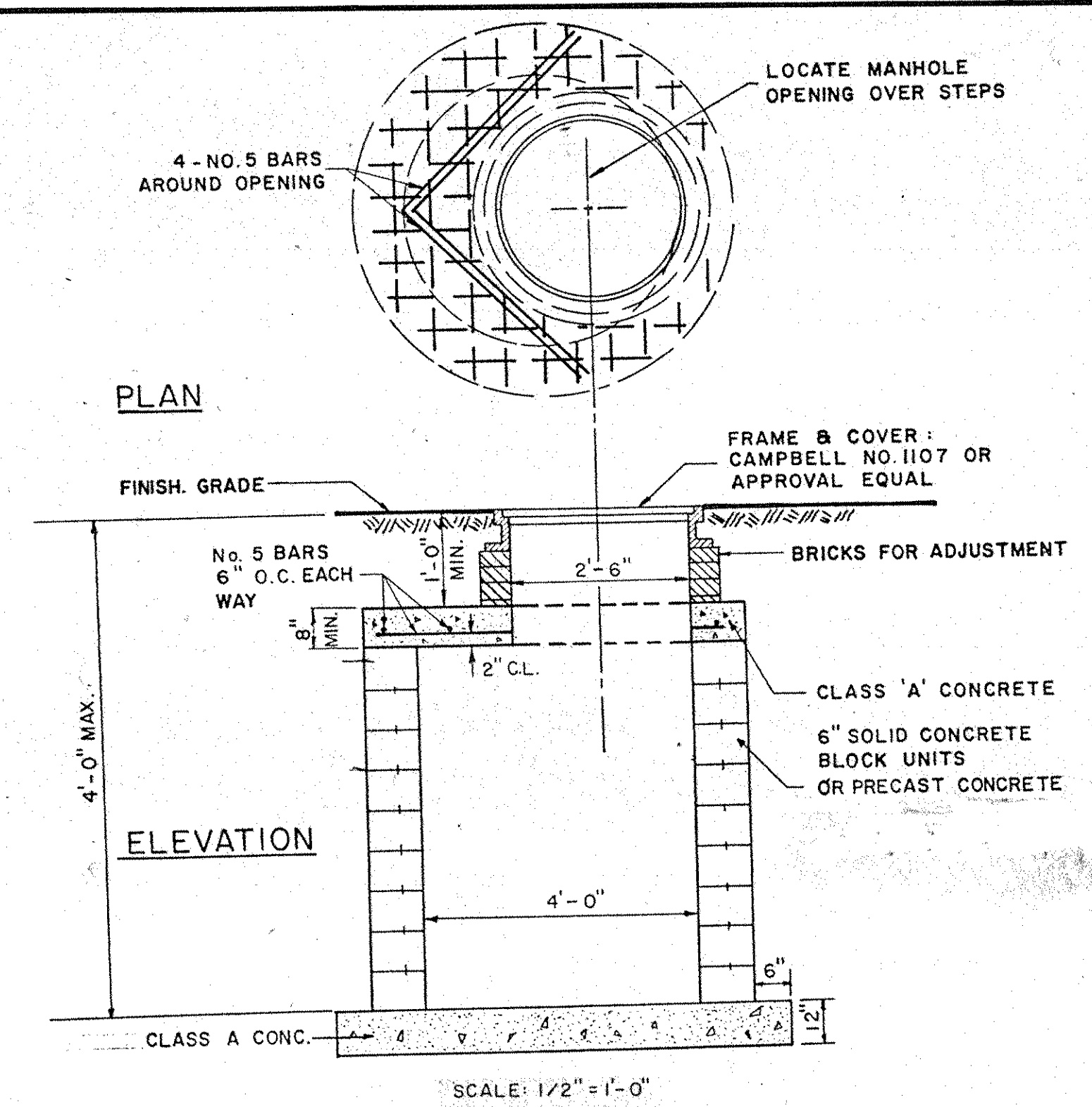


**NOTES:**  
 1. TO BE USED WHEN INCOMING SEWER IS MORE MIN SLOPE THAN 2'-0" HIGHER THAN THE OUTGOING SEWER, OF 1/4" / FT.  
 2. PIPE SIZE OF DROP CONNECTION TO BE SAME SIZE AS LATERAL.

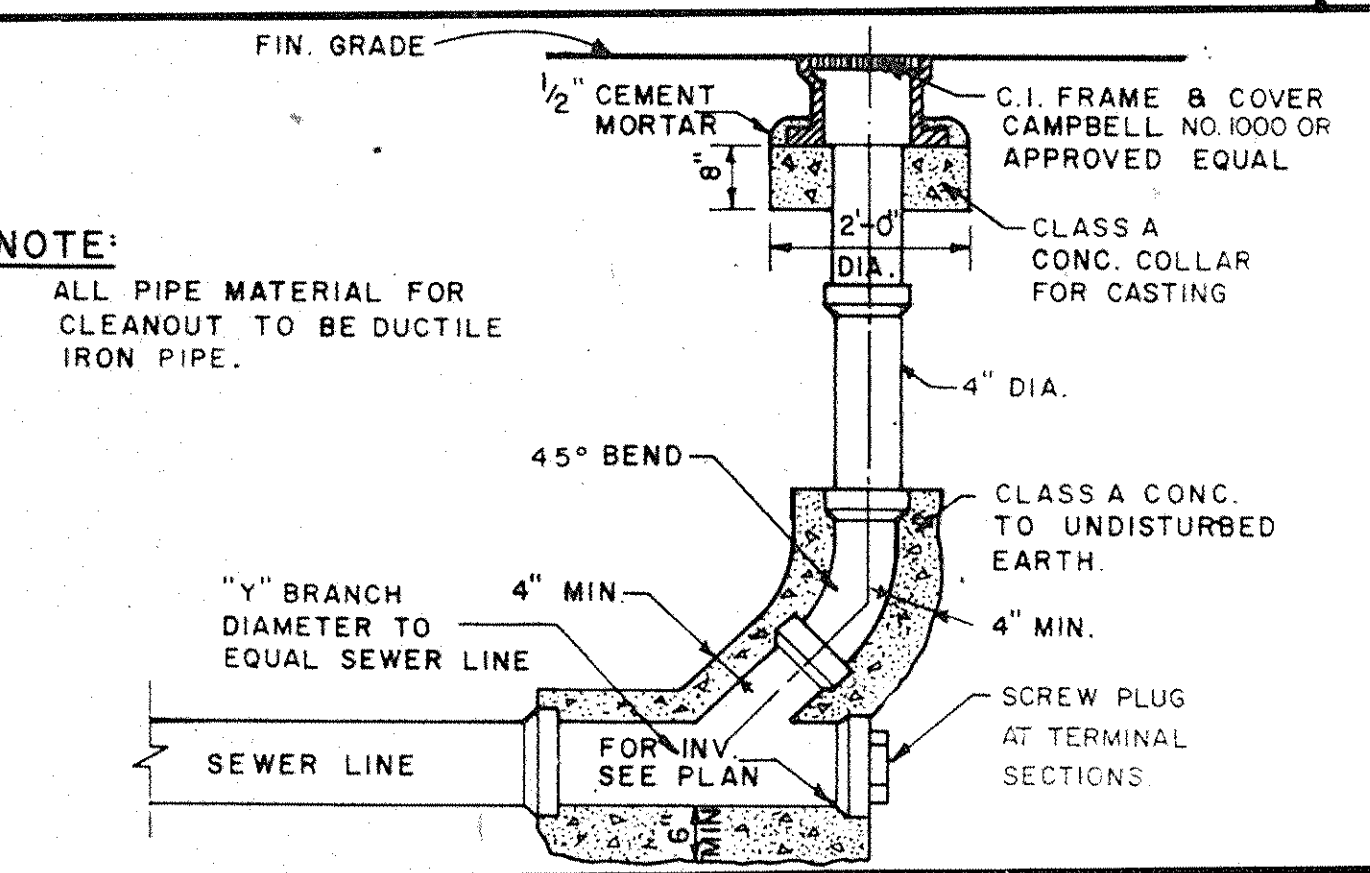
**SANITARY SEWER DROP CONNECTION**  
 SCALE: 1/2" = 1'-0"



**UNDERDRAIN INSTALLATION**  
 N.T.S.

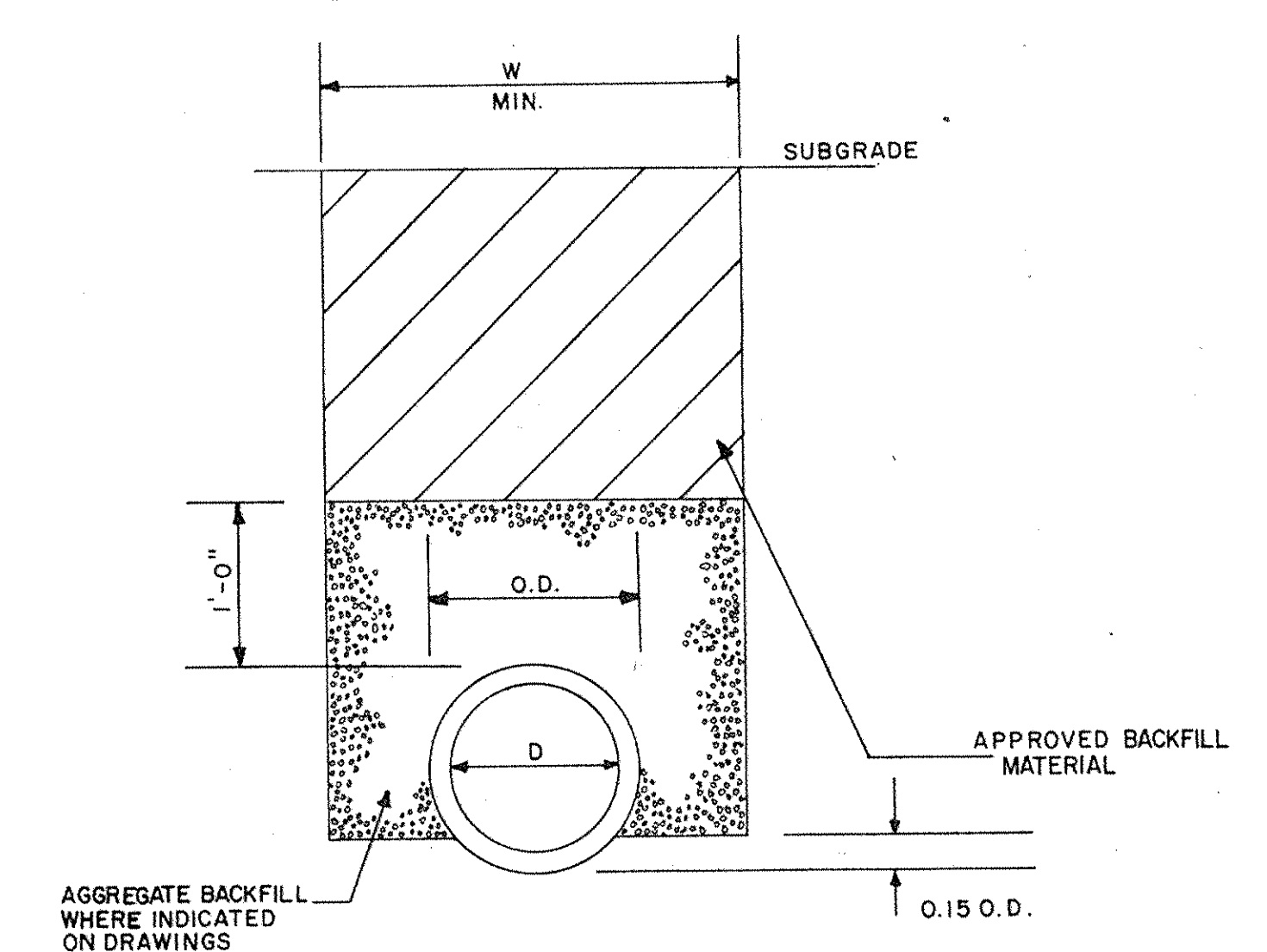


**CONCRETE SLAB FOR SHALLOW MANHOLE STRUCTURES**  
 SCALE: 1/2" = 1'-0"



**NOTE:**  
 ALL PIPE MATERIAL FOR CLEANOUT TO BE DUCTILE IRON PIPE.

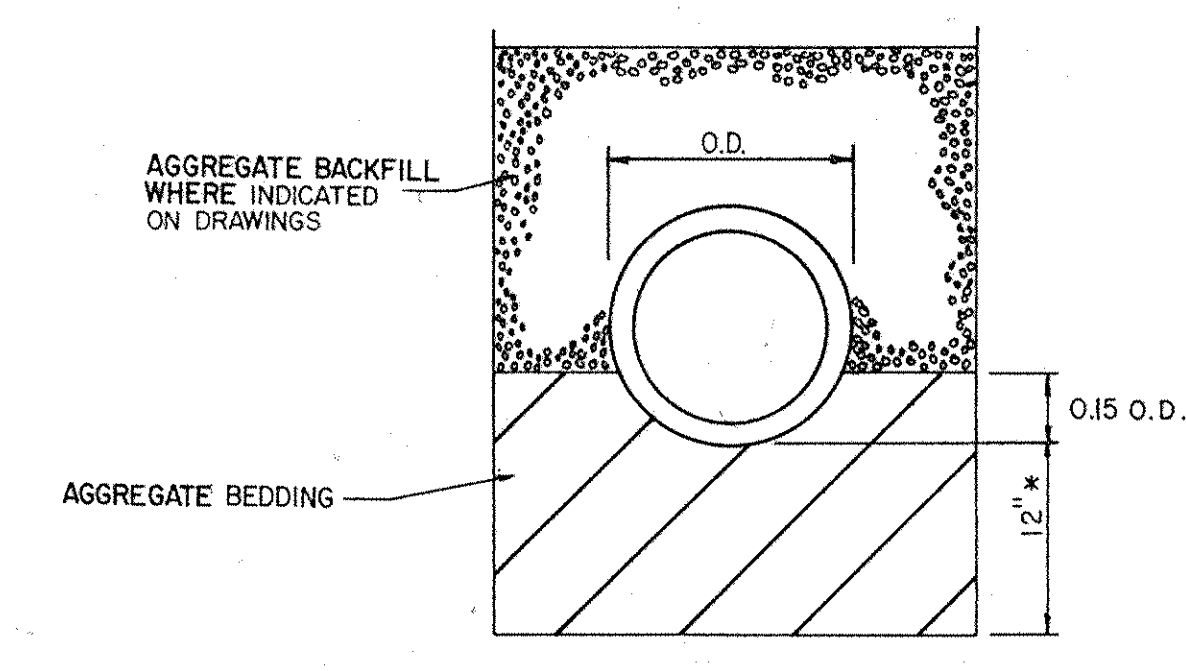
**SANITARY LINE CLEANOUT**  
 SCALE: 1/2" = 1'-0"



D = INSIDE DIAMETER, SPAN, OR RISE  
 O.D. = OUTSIDE BARREL DIAMETER, SPAN, OR RISE  
 H.D. = OUTSIDE DIAMETER, SPAN, OR RISE @ BELL OR BAND  
 W = H.D. + 2.0 - CONDUIT 48" OR LESS DIAMETER OR SPAN  
 W = H.D. + 2.5 - CONDUIT GREATER THAN 48" DIAMETER OR SPAN

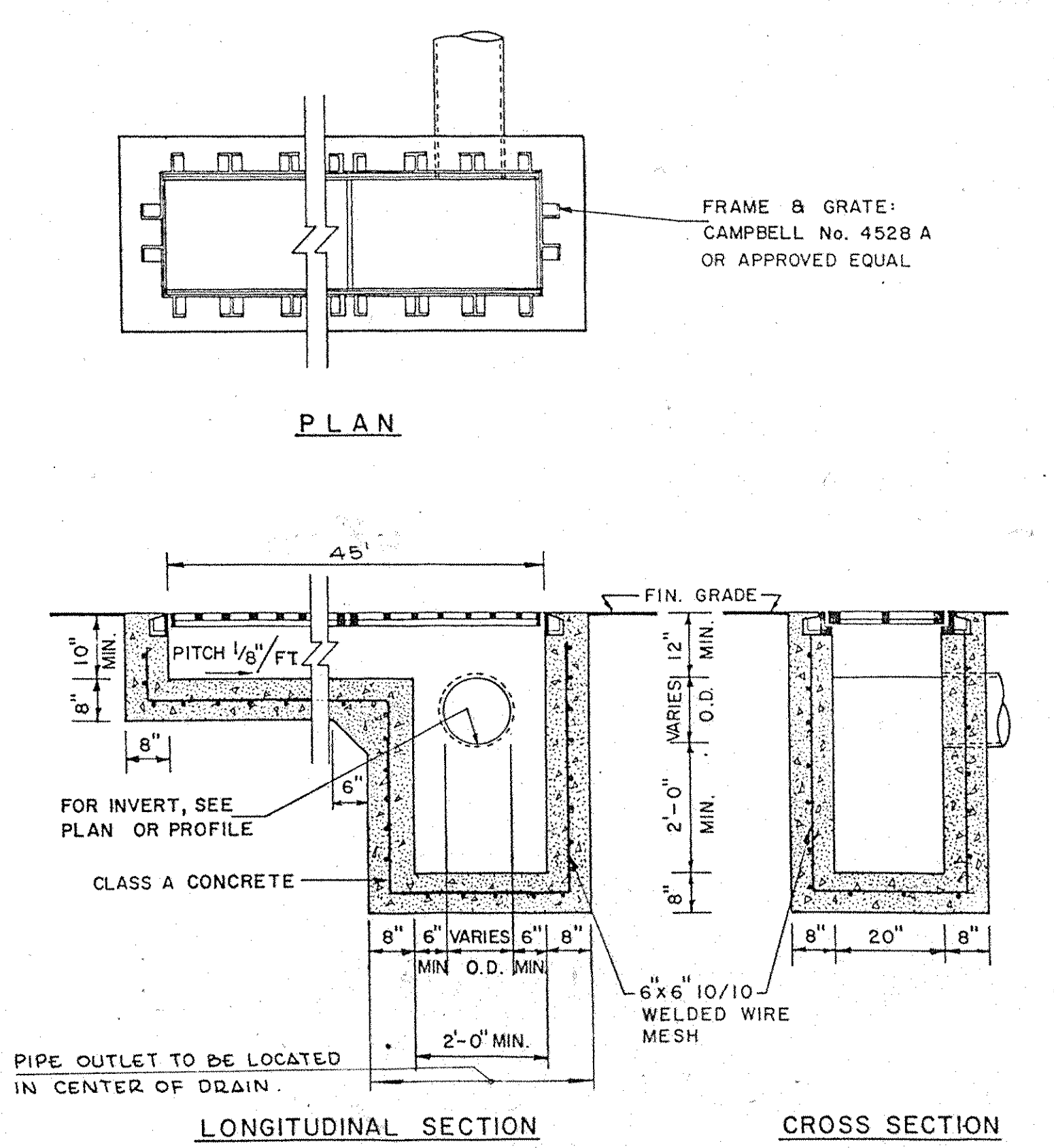
**NOTE:**  
 1. FILL SECTION AREA MUST BE GRADED TO 2'-0" MIN. ABOVE TOP OF PIPE BEFORE EXCAVATING TRENCH.

**TYPE I TRENCH**  
 N.T.S.

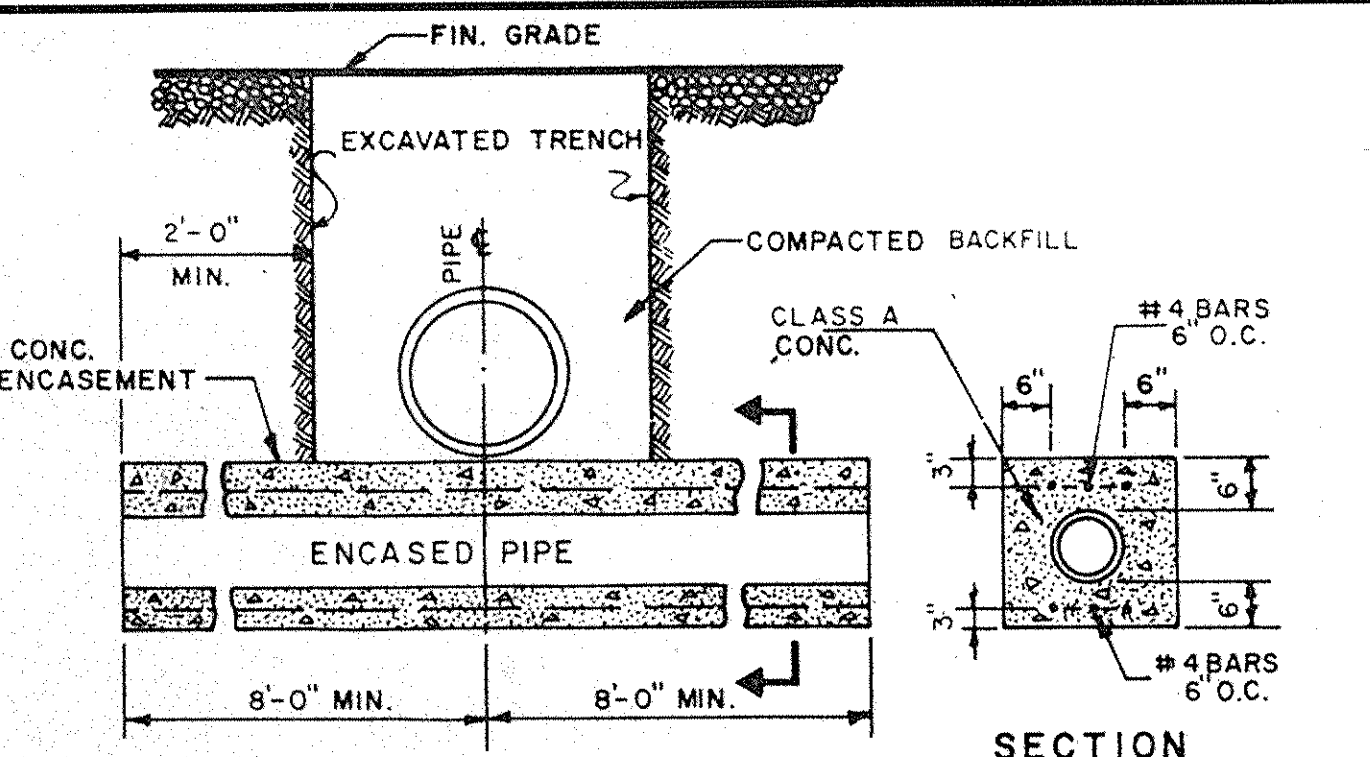


\* WHERE ROCK IS ENCOUNTERED IN TRENCH BOTTOM UNDERCUT MIN OF 12" TO MAX OF 24" (1/2" FOR EACH 1 FT. OF COVER ABOVE O.D.)  
 \* WHERE UNSUITABLE MATERIAL IS ENCOUNTERED IN TRENCH BOTTOM, UNDERCUT AS DIRECTED BY OWNERS FIELD REPRESENTATIVE.  
**NOTE:**  
 ALL OTHER DETAILS TO CONFORM TO TYPE I TRENCH

**TYPE II TRENCH**  
 N.T.S.



**TROUGH DRAIN**  
 SCALE: 1/2" = 1'-0"



**CONCRETE ENCASEMENT**  
 SCALE: 1/2" = 1'-0"

ADDENDUM NO. 3  
 Revision No. Description Approved Date  
 3/10/86

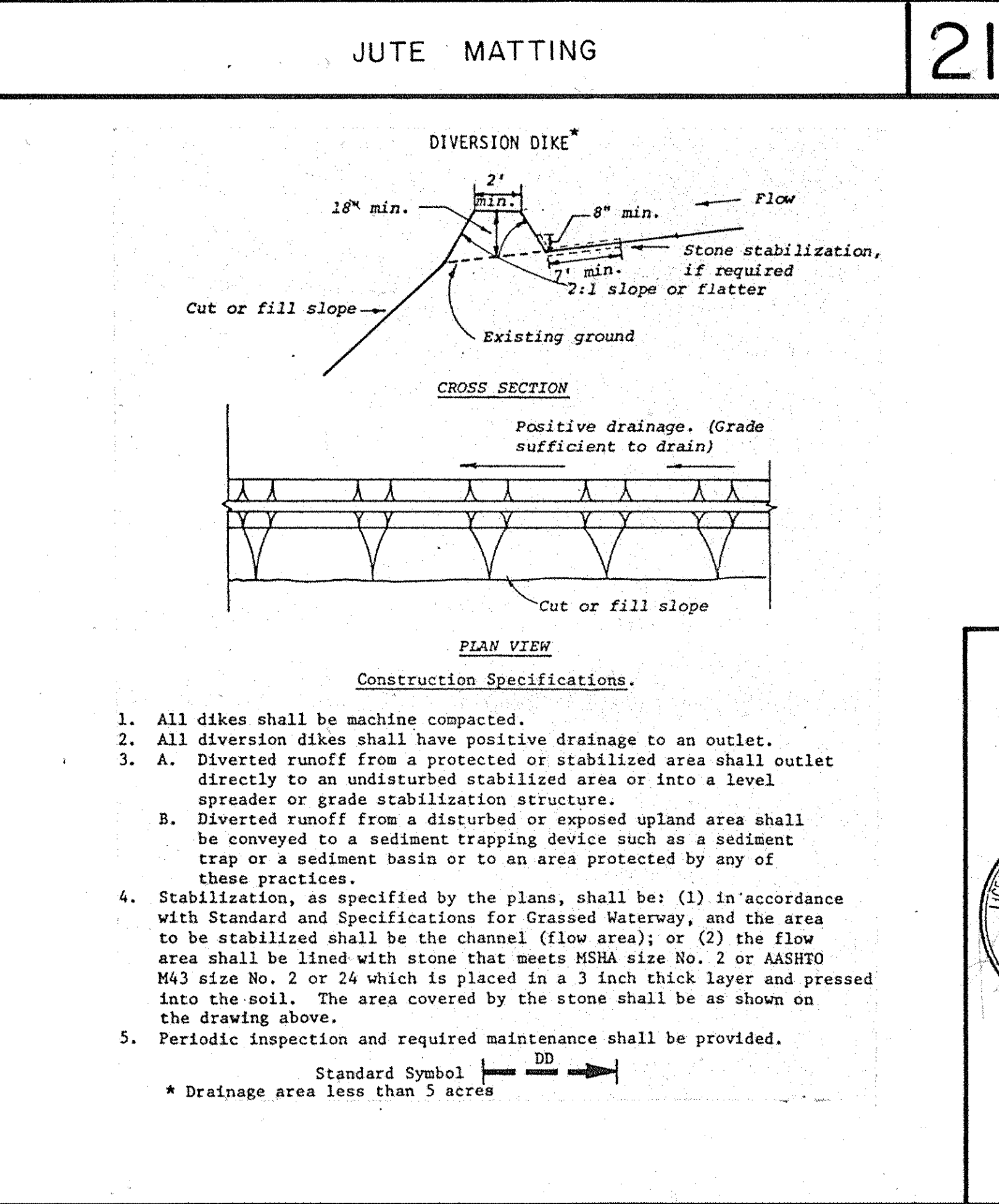
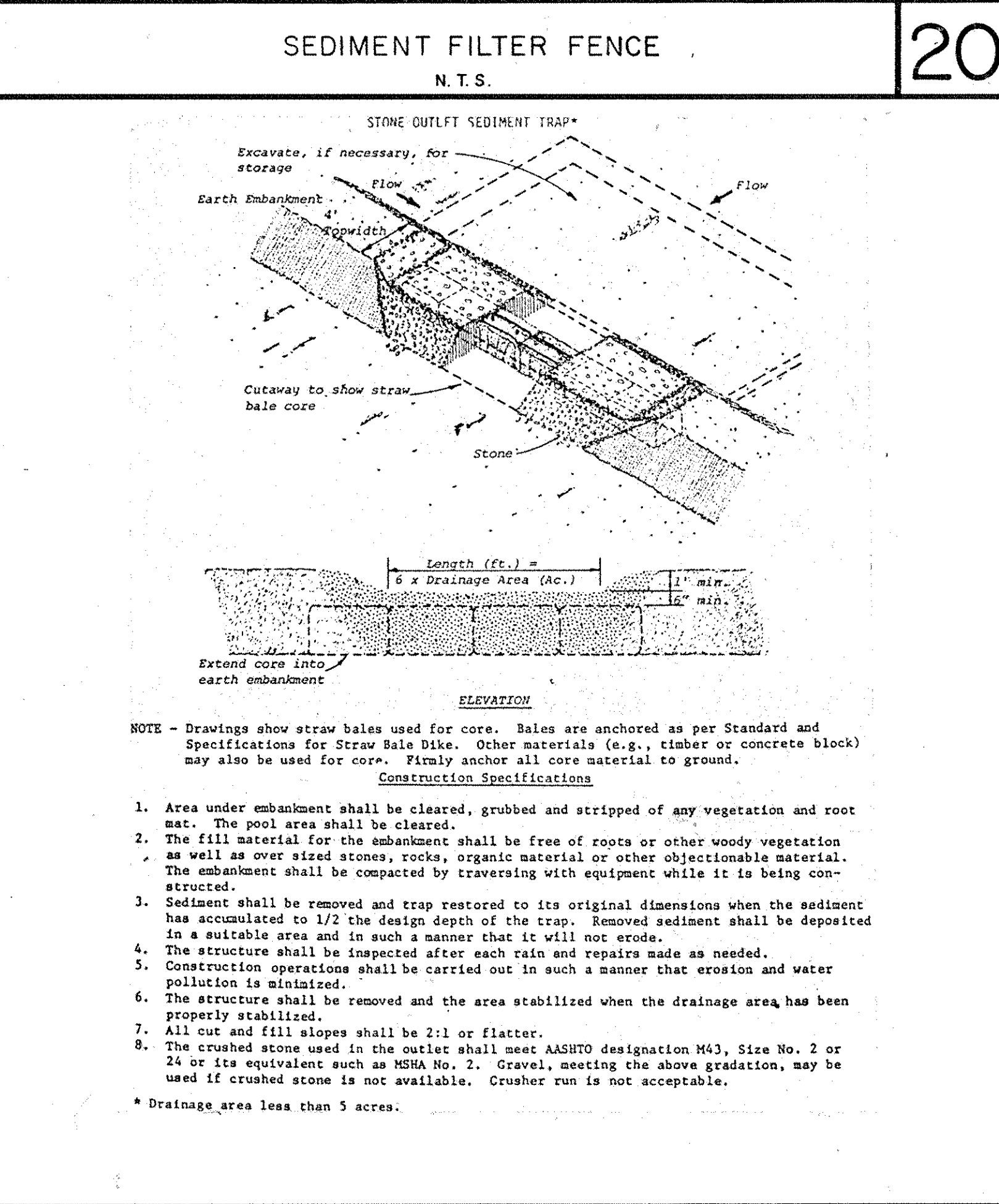
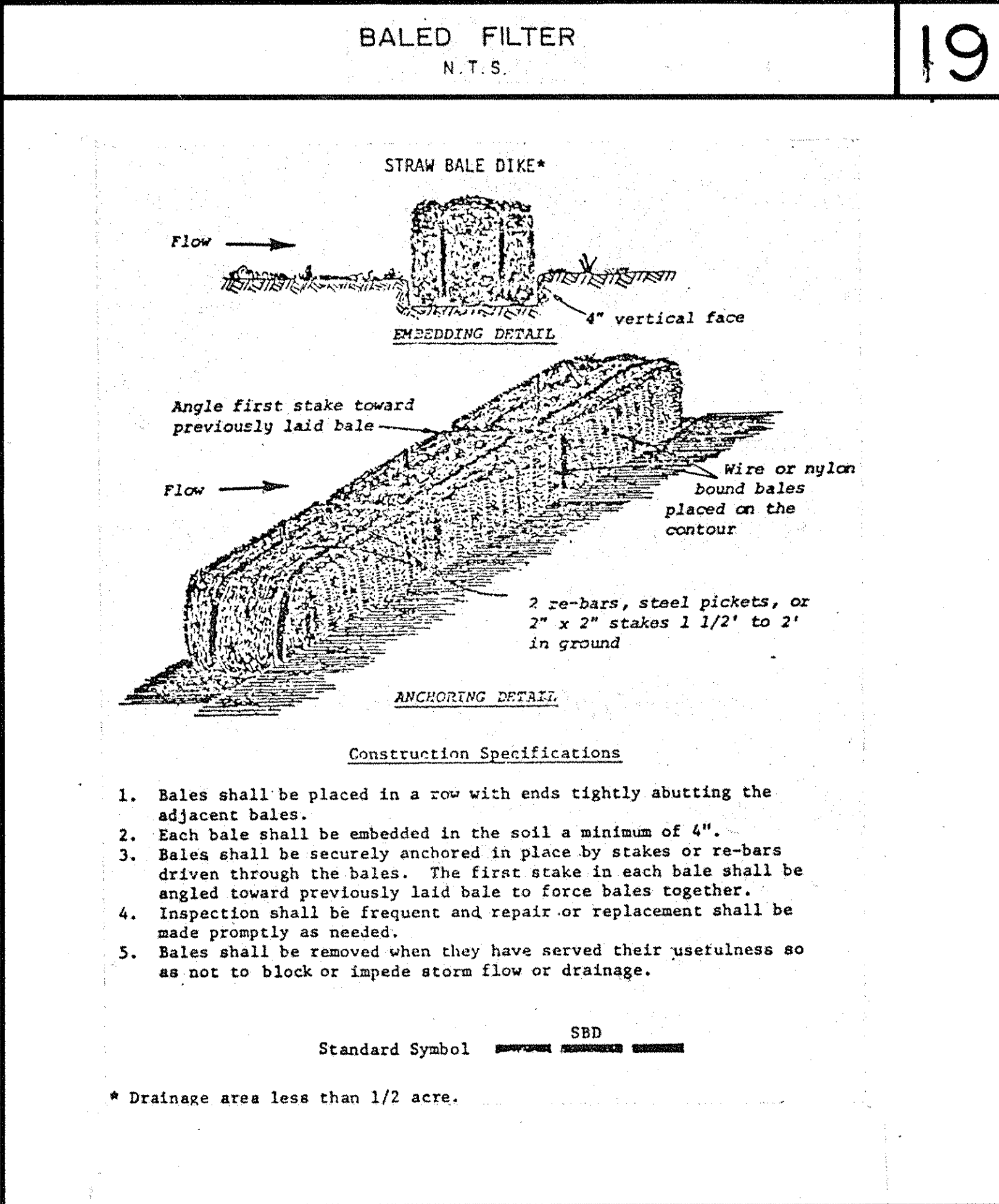
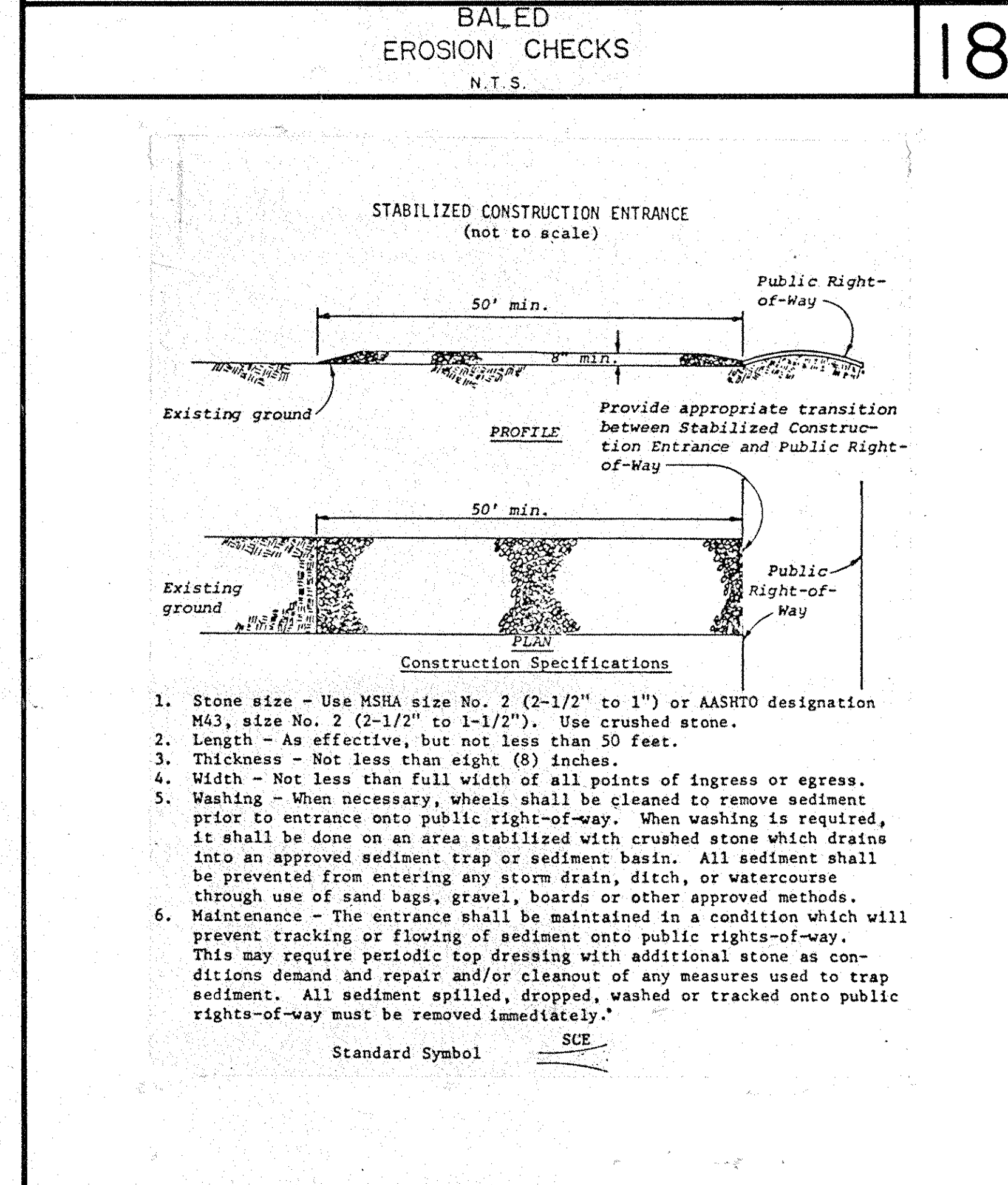
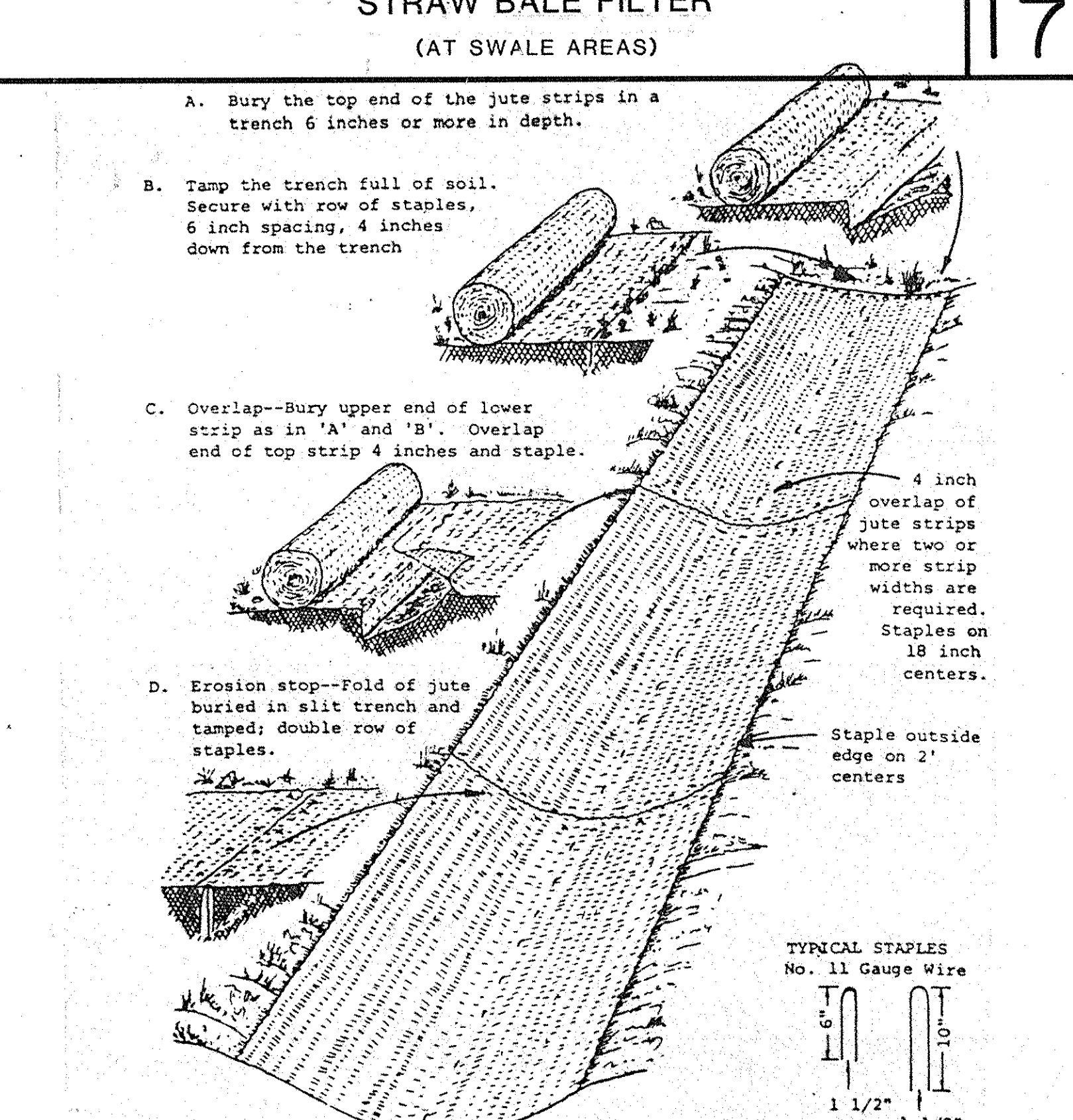
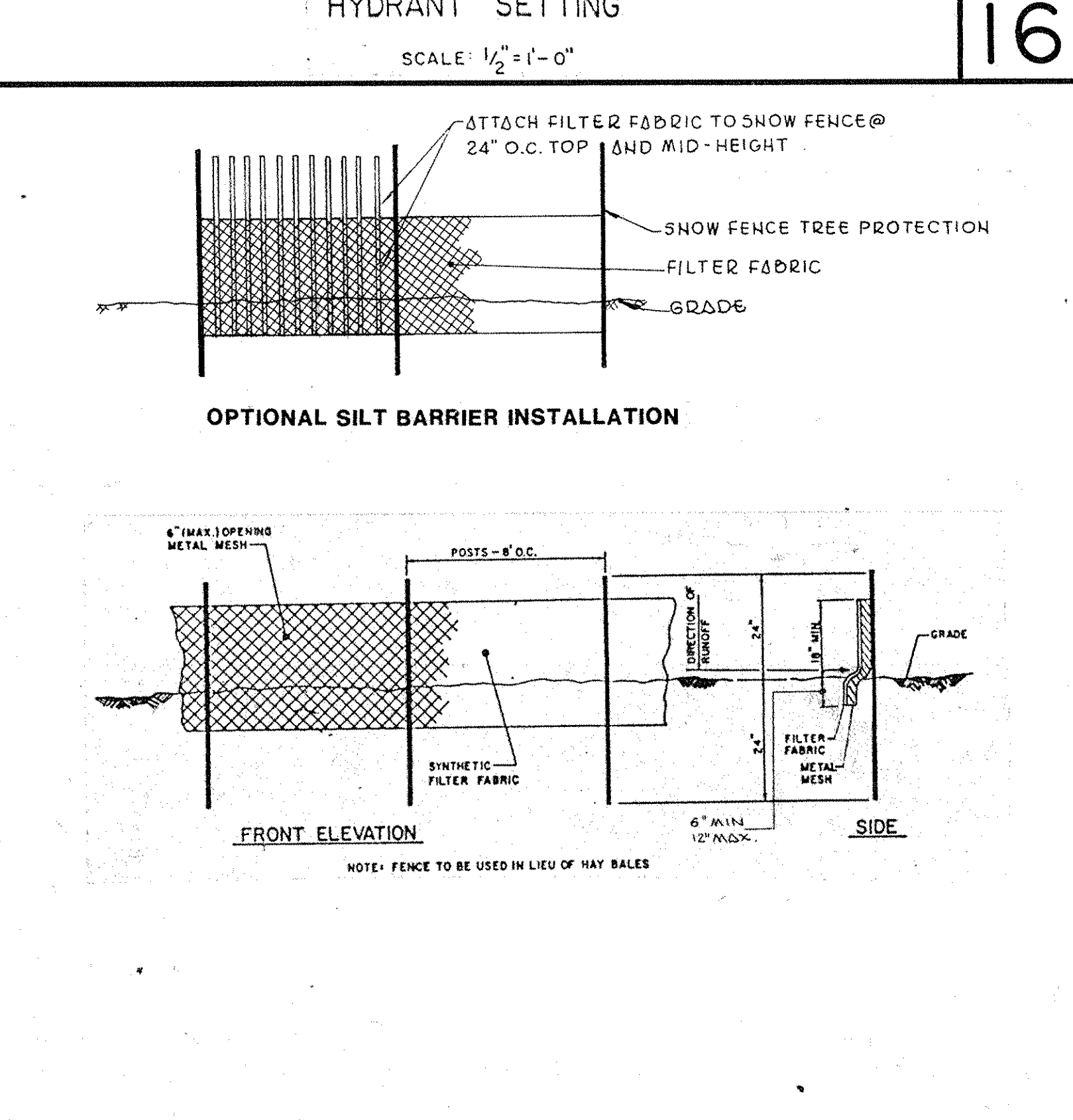
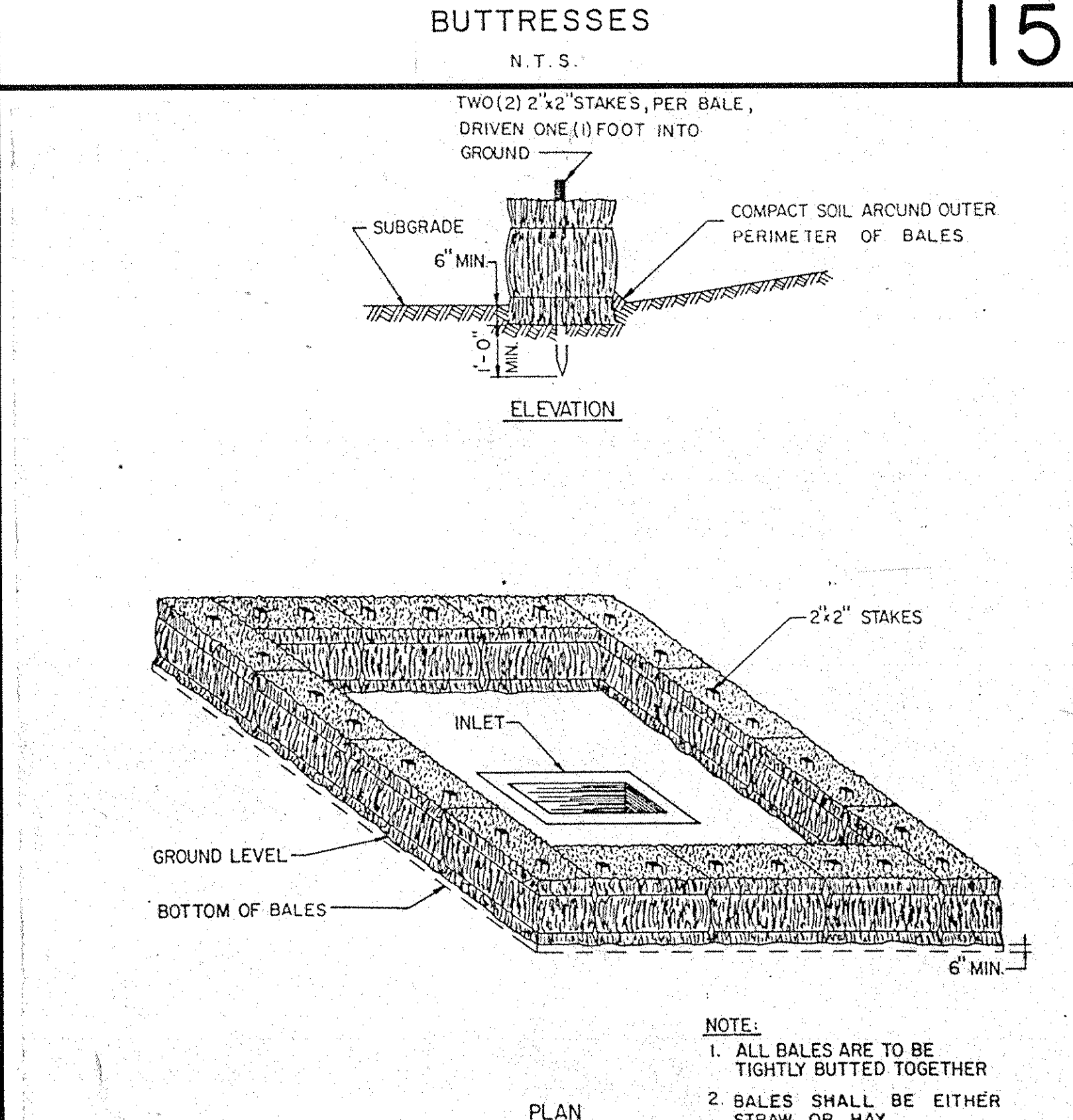
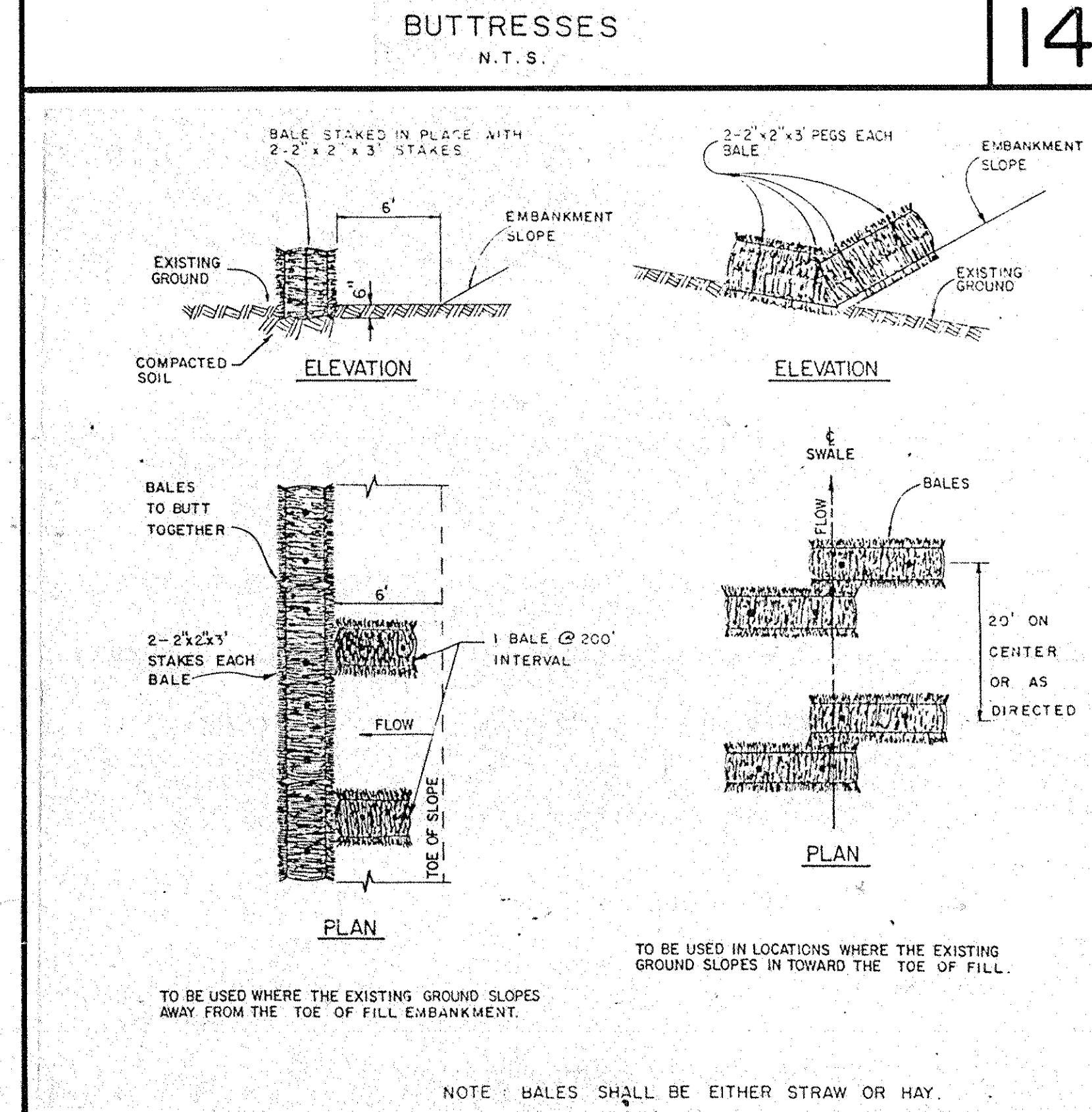
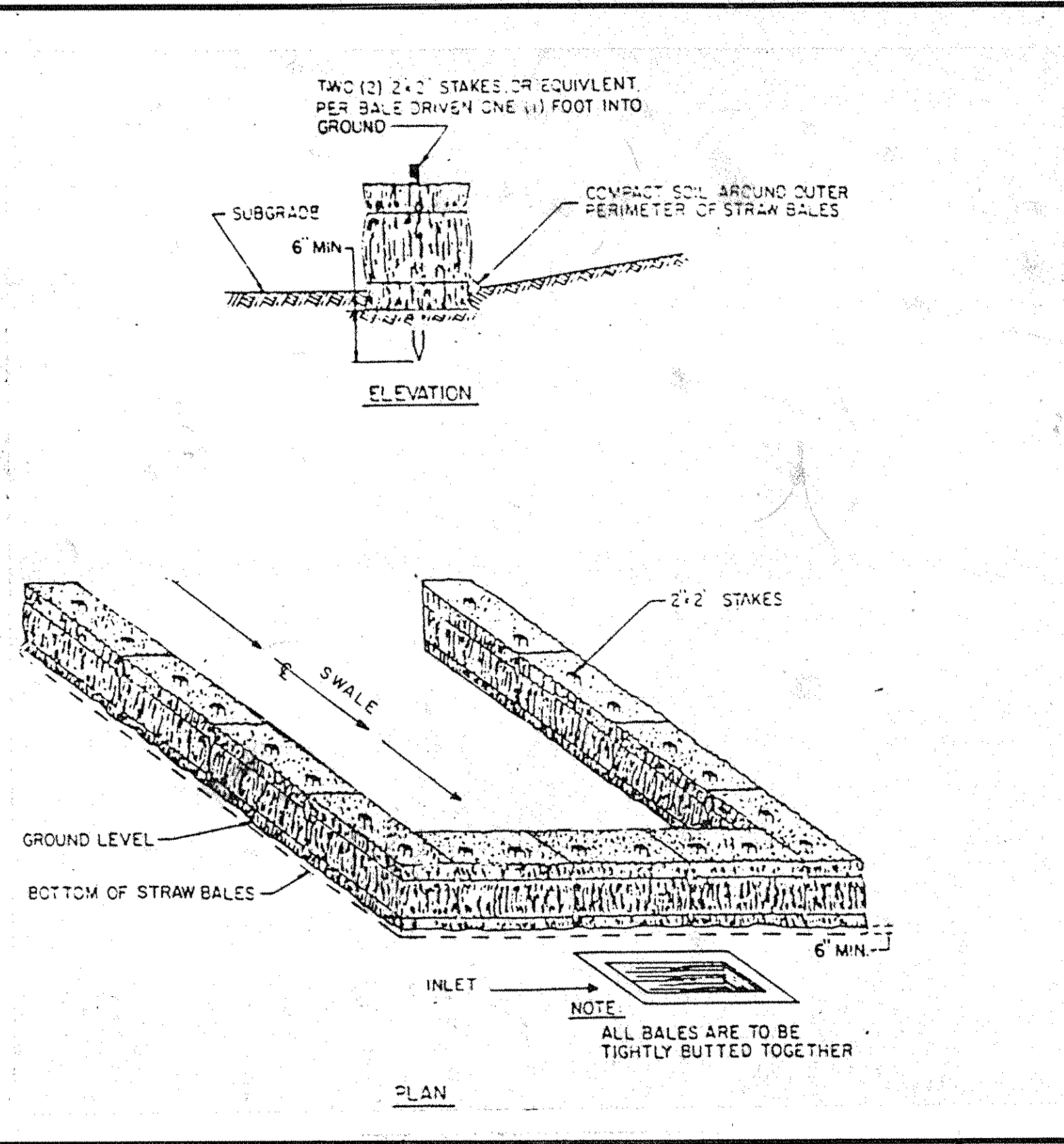
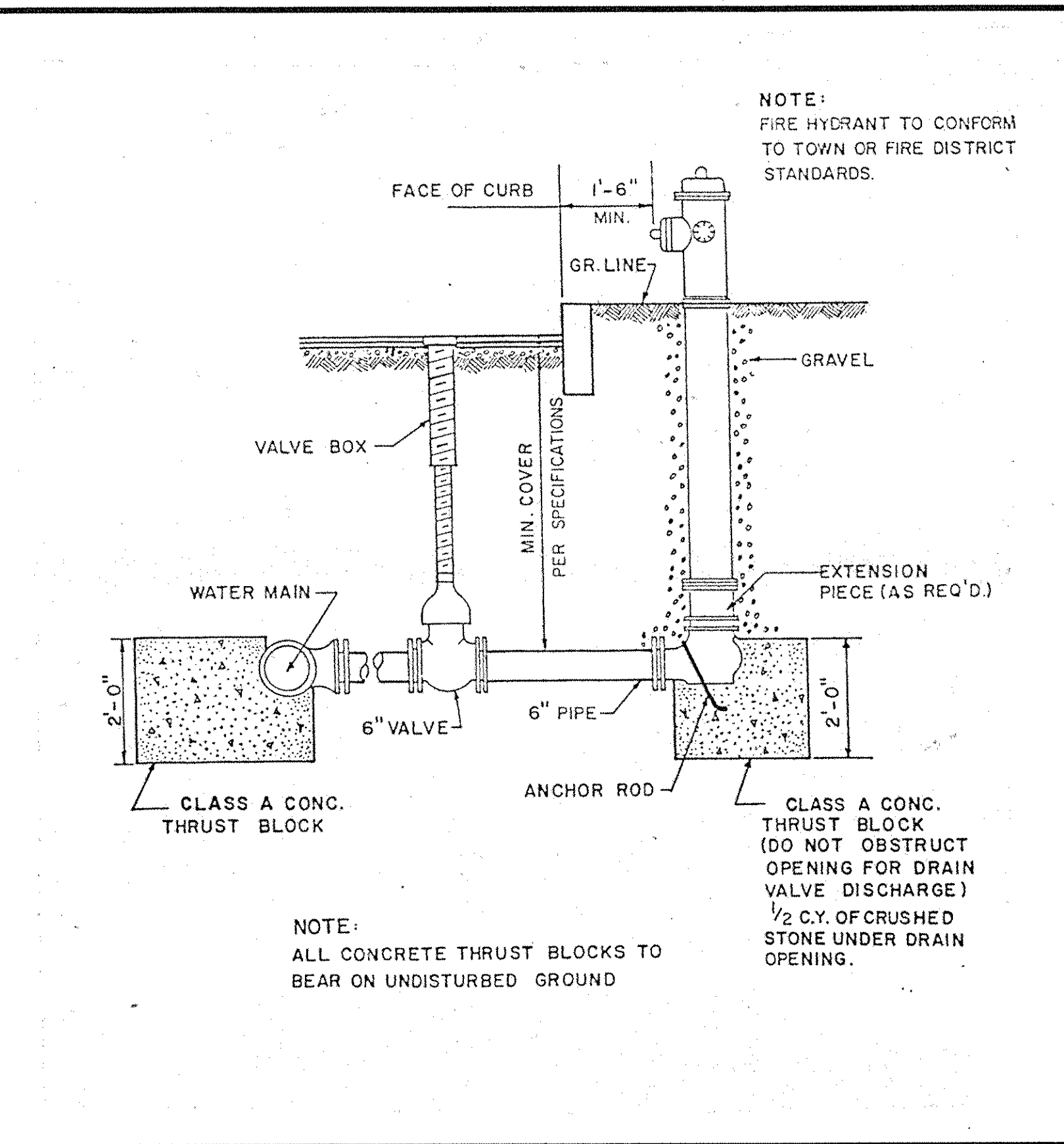
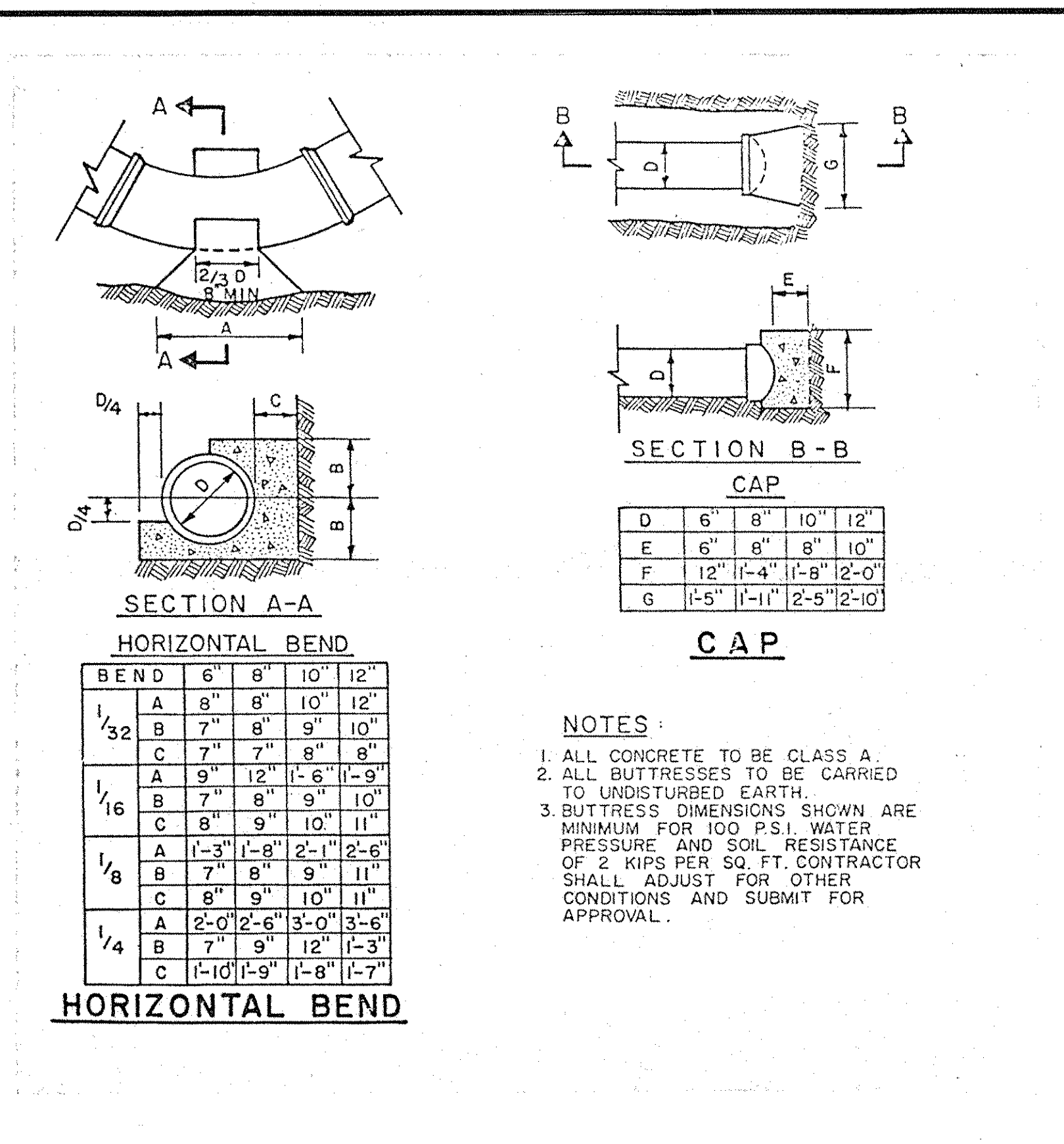
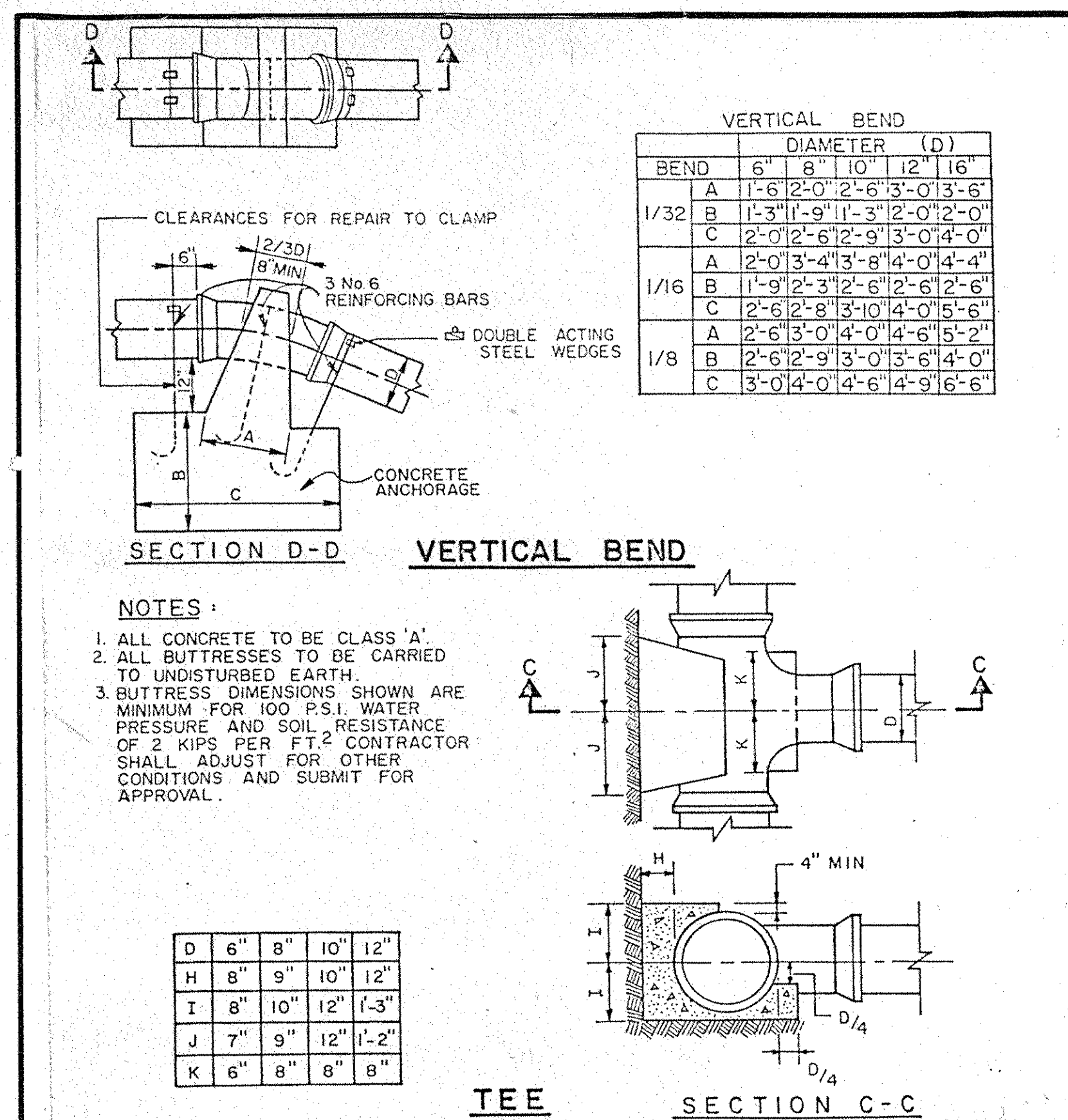
Customer Executive Education Center  
 Palisades, New York

Mitchell-Giurgola Architects  
 171 West 97th Street  
 New York, New York 10025

Several Persons Specialty Storm  
 Structural Engineers  
 Syka & Hengsey, Inc.  
 Mechanical & Electrical Engineers  
 RAYMOND KEYES ENGINEERS, P.C.  
 SITE ENGINEERS

**SITE DETAILS**  
 Status: BID PACKAGE  
 Title: ST-20  
 Scale: AS SHOWN  
 Drawn: H.G.P.  
 Approved: O.A.K.  
 Project No. 3368





APPENDUM NO. 3 3/10/86  
 APPENDUM NO. 1 9/12/85

Customer Executive Education Center  
 Palisades, New York

Mitchell/Giorgola Architects  
 170 West 97th Street  
 New York, New York 10025

Several Persons Satisfactory Sturm  
 Structural Engineers

Syuka & Hennessy, Inc.  
 Mechanical & Electrical Engineers

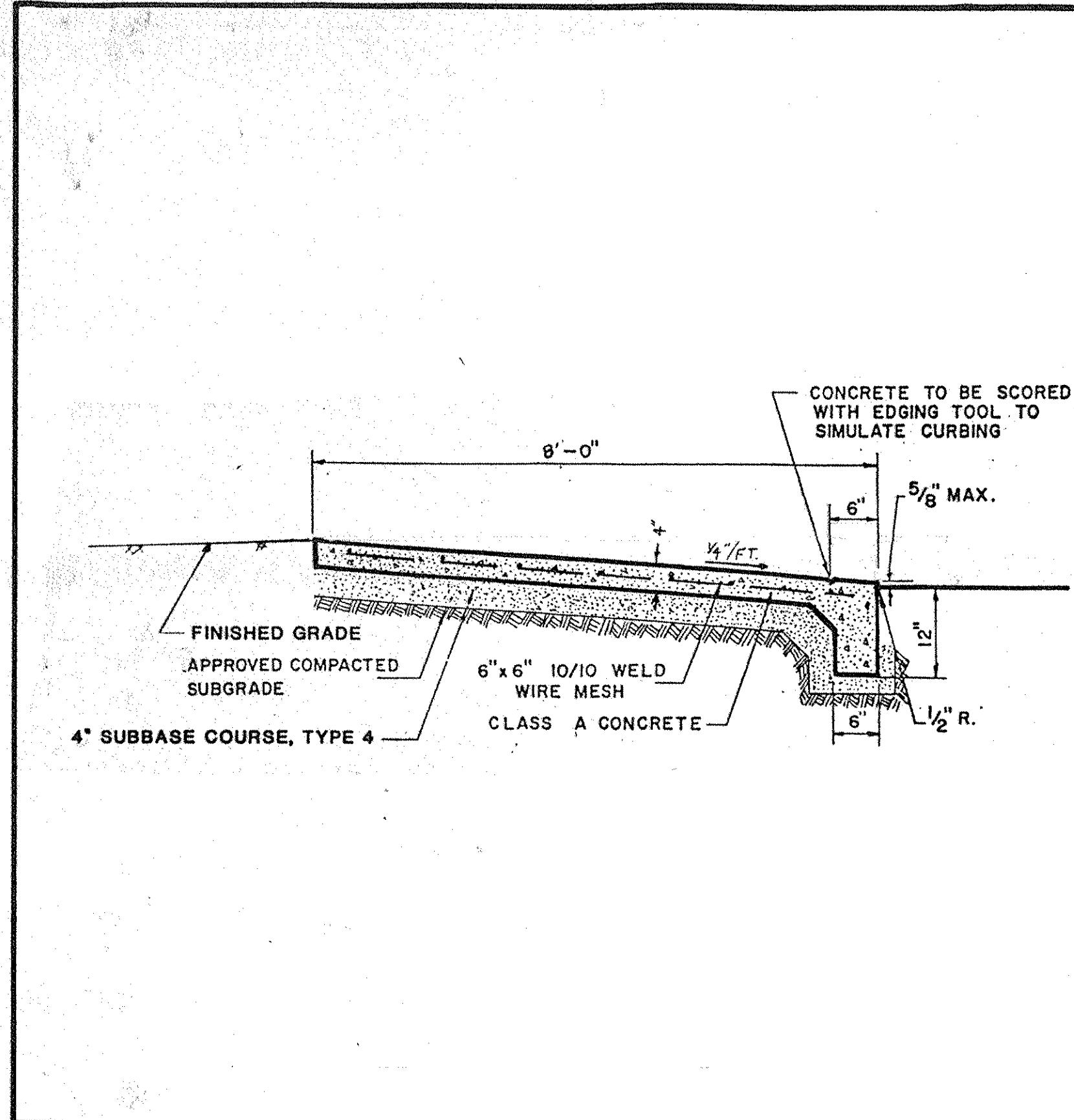
RAYMOND KEYES ENGINEERS, P.C.  
 SITE ENGINEERS

**SITE DETAILS**  
 Status BID PACKAGE Date  
 Scale AS SHOWN  
 Drawn H.G.P.  
 Approved O.A.K.

**ST-21** 8-23-85

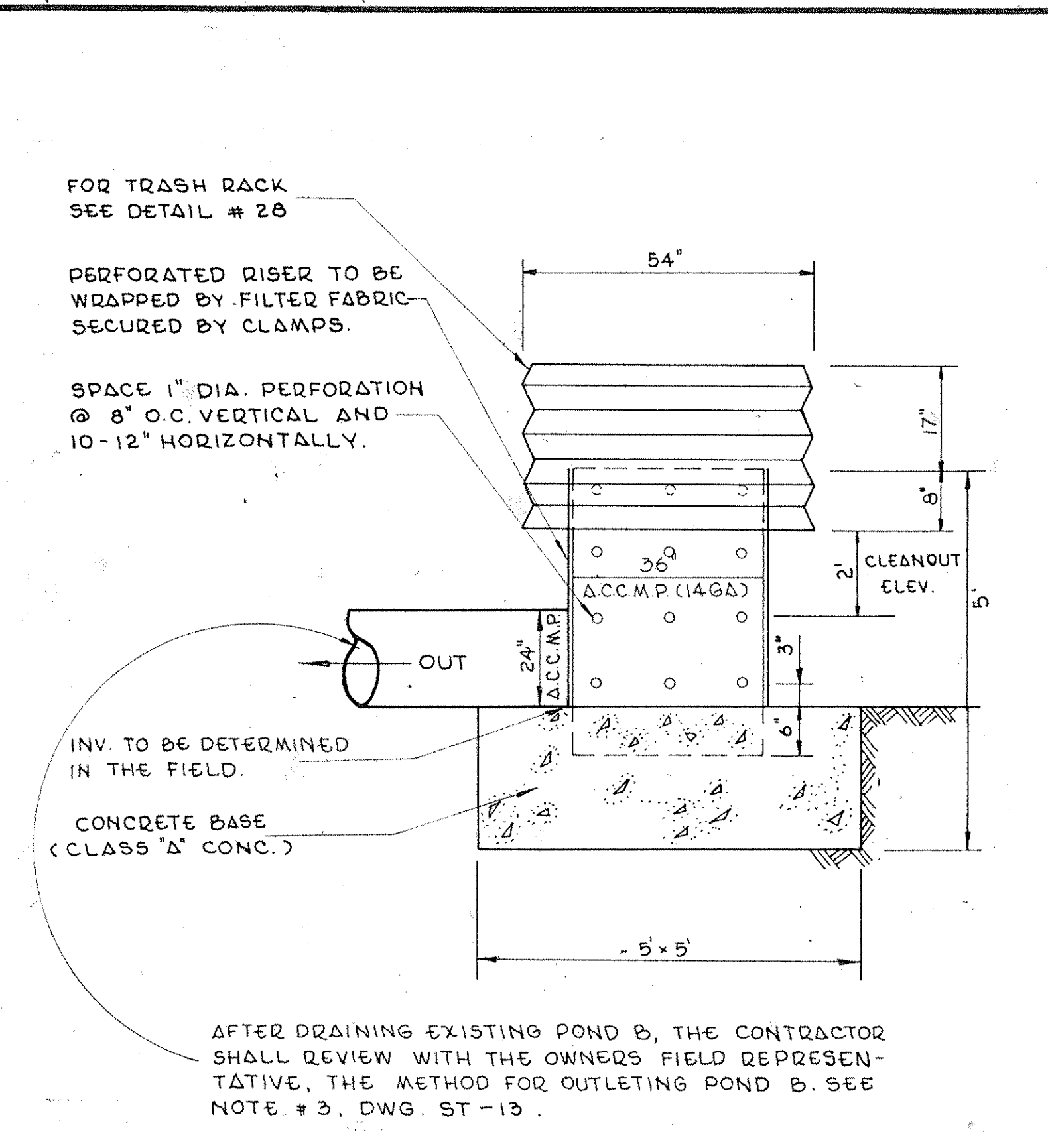
Project No. 3368





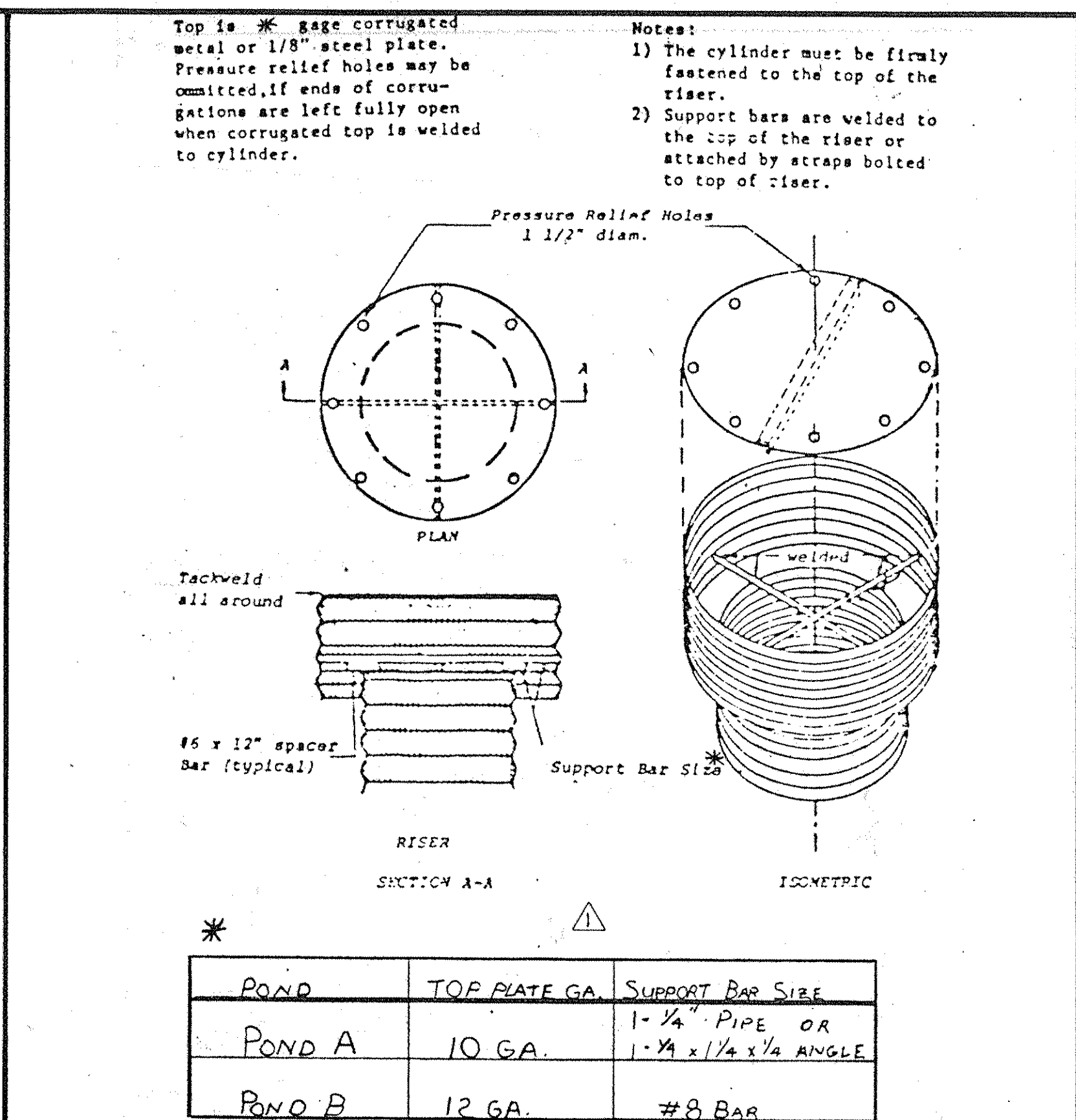
DEPRESSED WALK AT HANDICAP AREA  
SCALE AS SHOWN

26



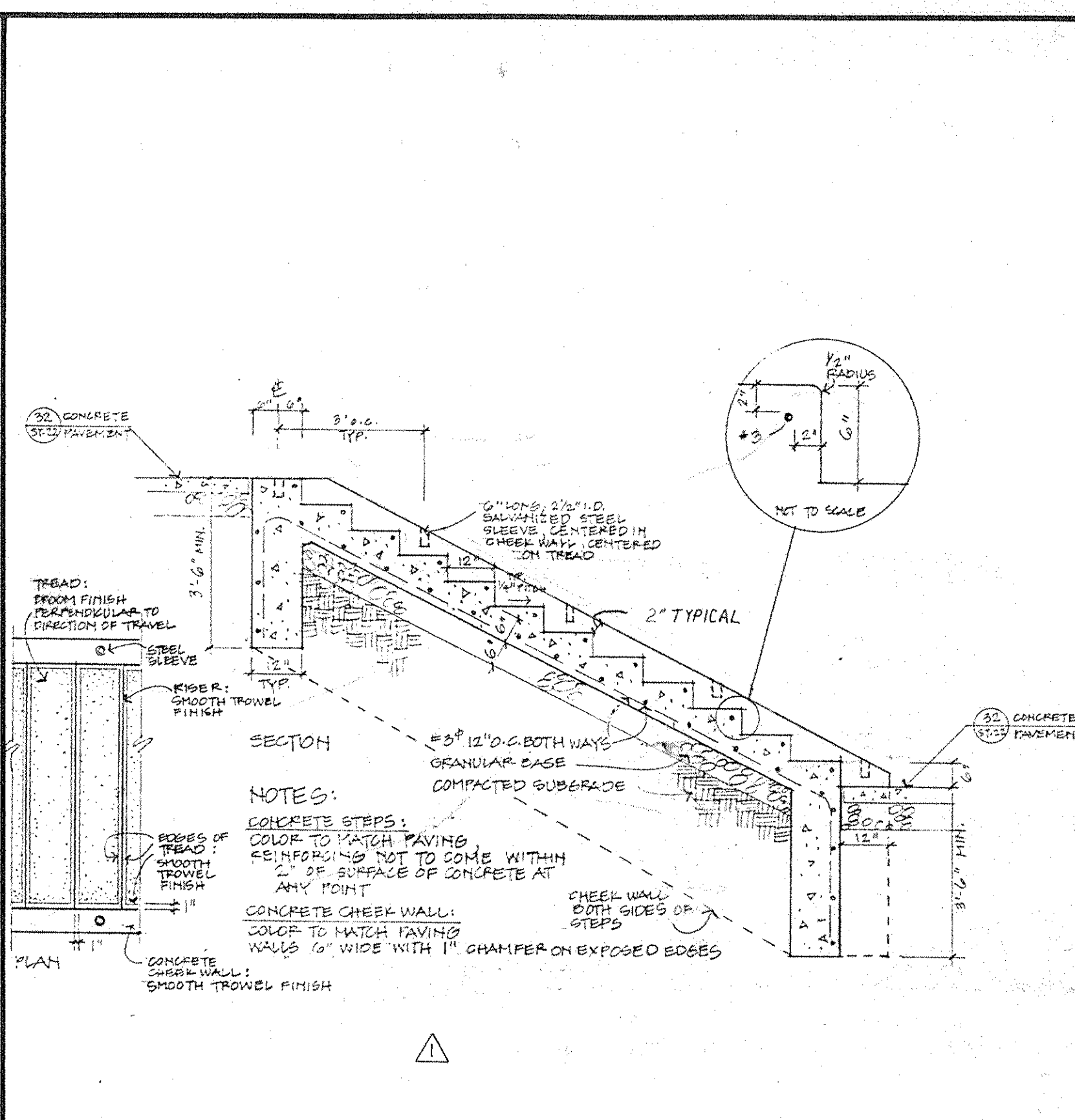
POND 'B' TEMPORARY RISER  
N.T.S.

27



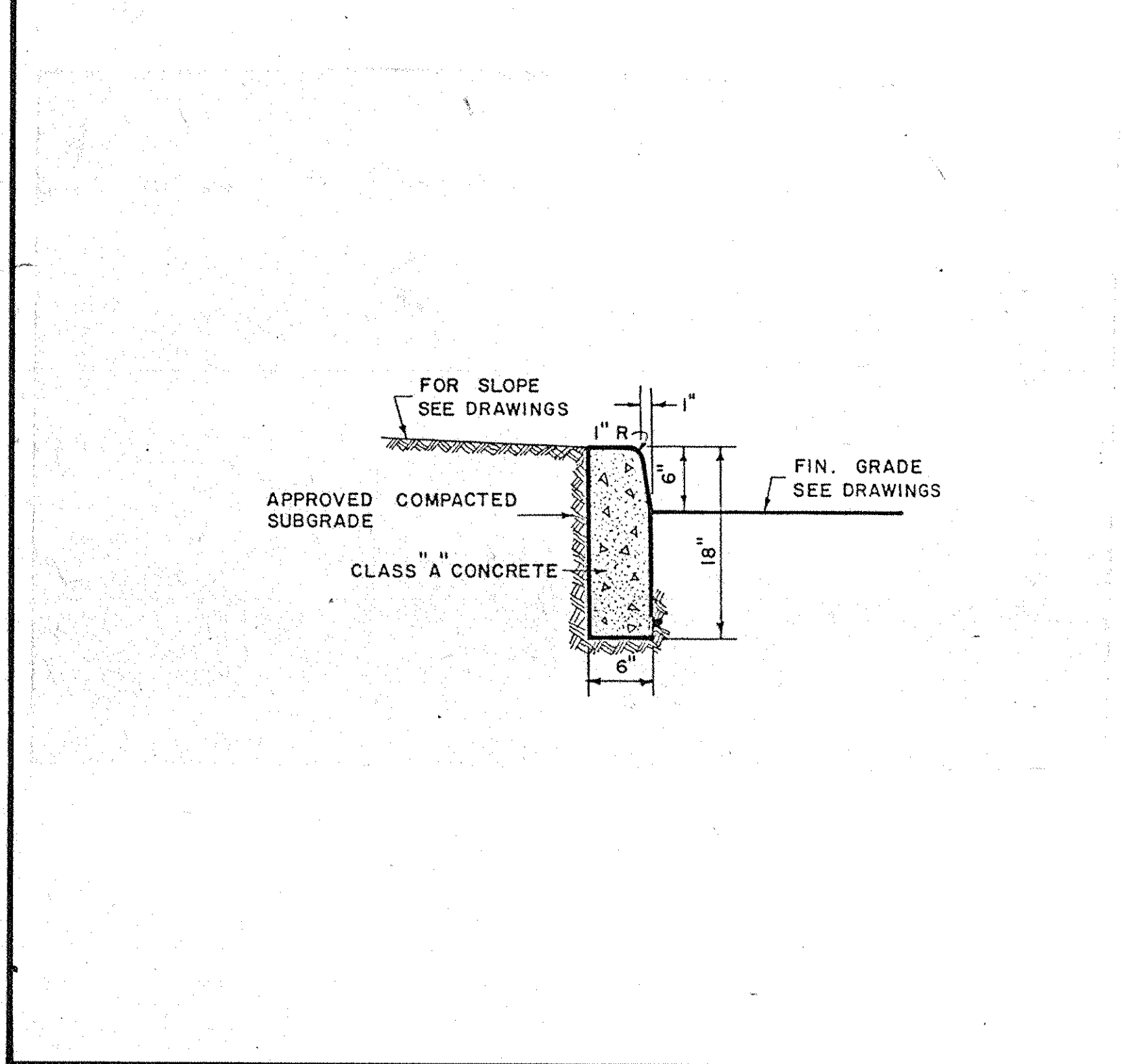
TRASH RACK  
N.T.S.

28



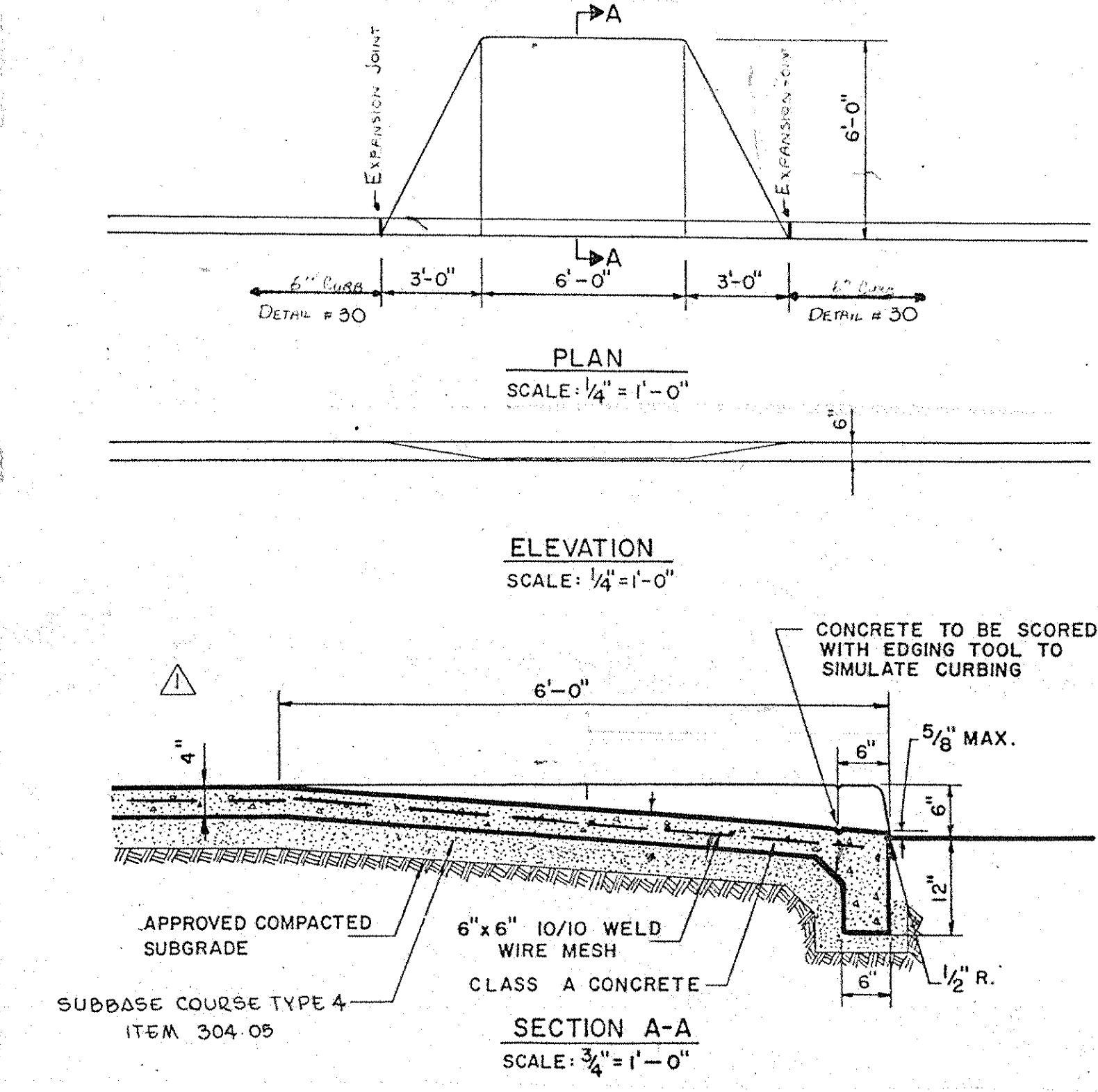
CONCRETE STEPS  
N.T.S.

29



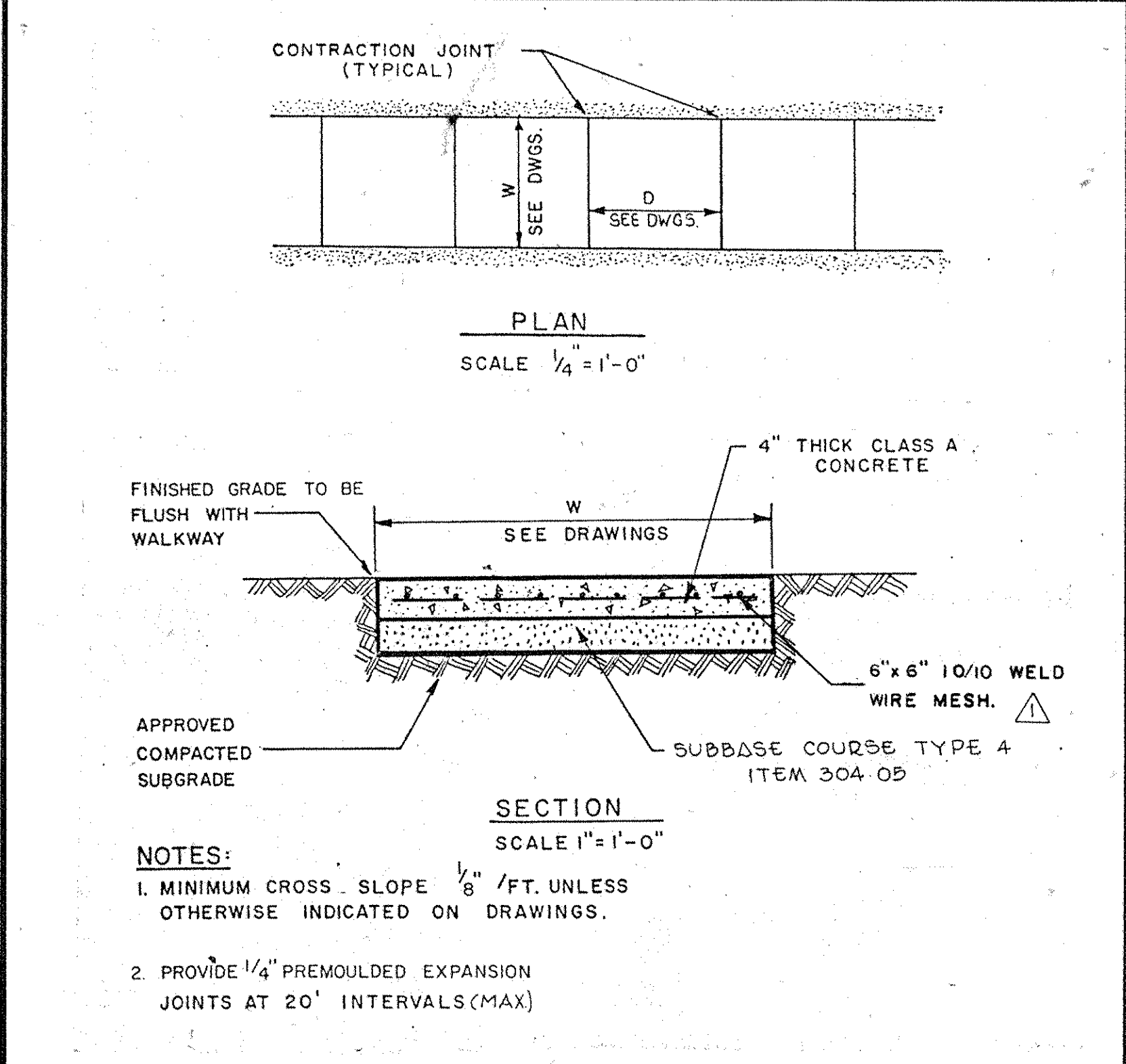
CONCRETE CURB  
SCALE: 1" = 1'-0"

30



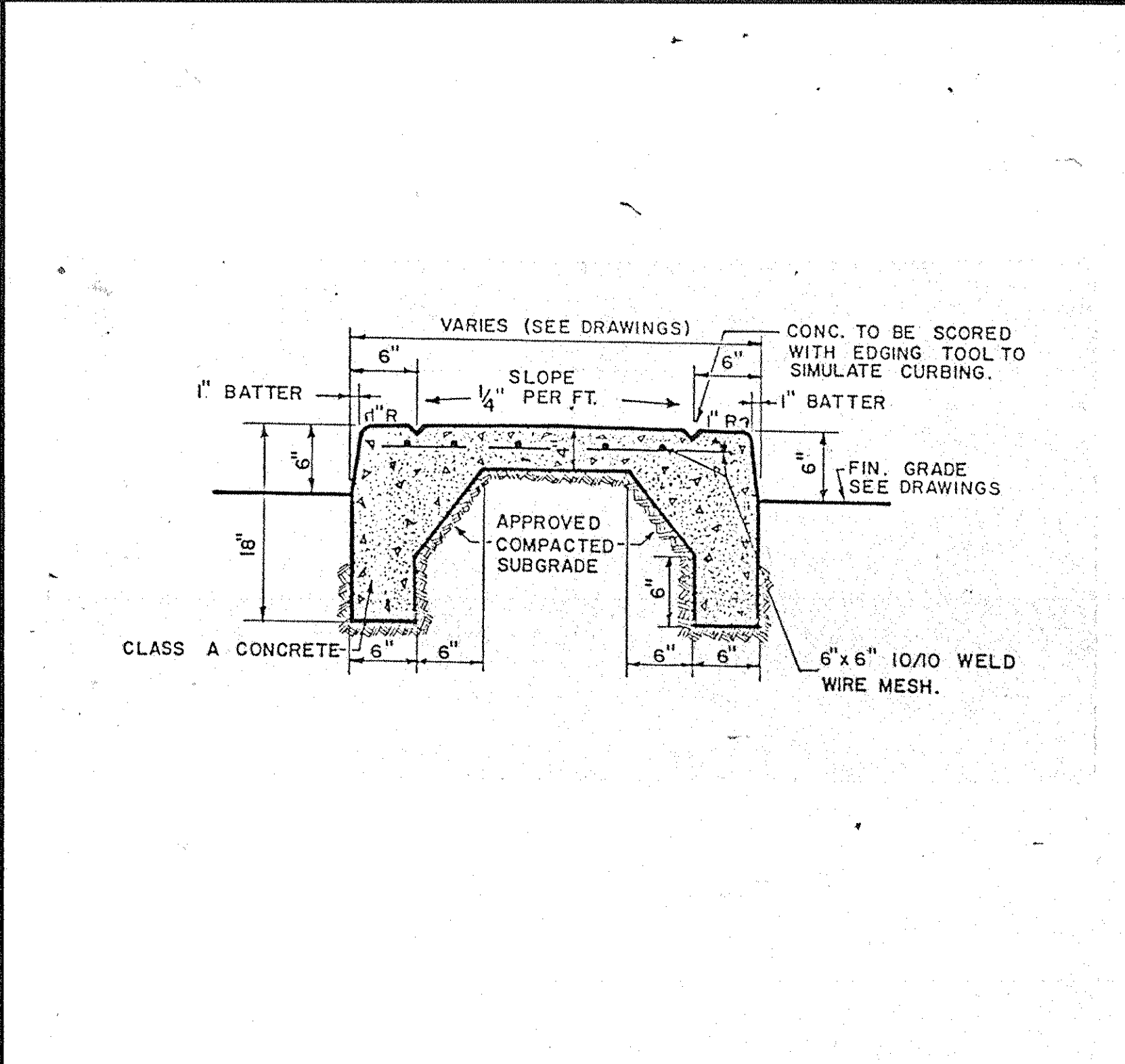
DROP CURB & RAMP  
SCALE AS SHOWN

31



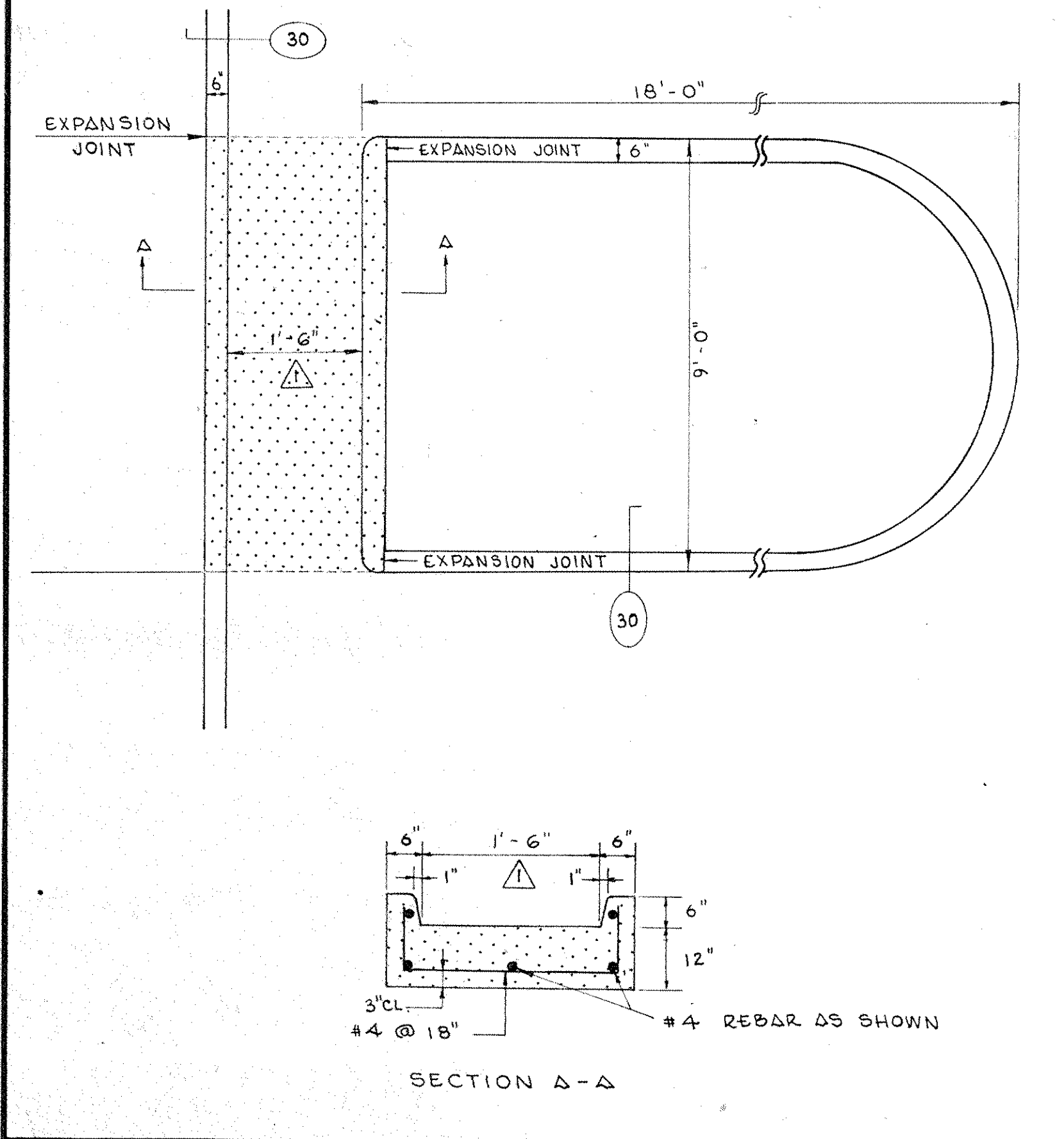
CONCRETE SIDEWALK  
N.T.S.

32



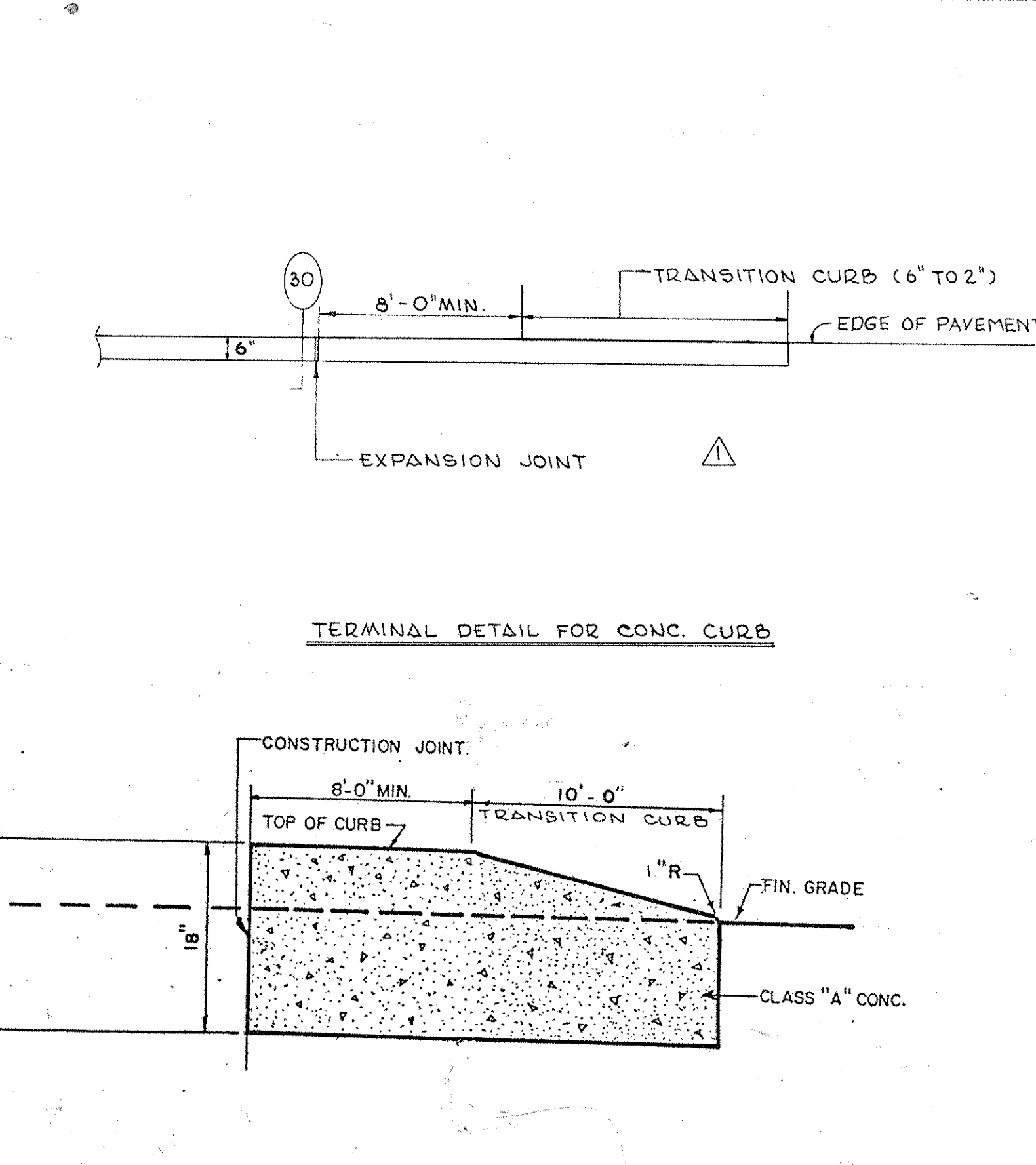
CONCRETE ISLAND  
SCALE: 1" = 1'-0"

33



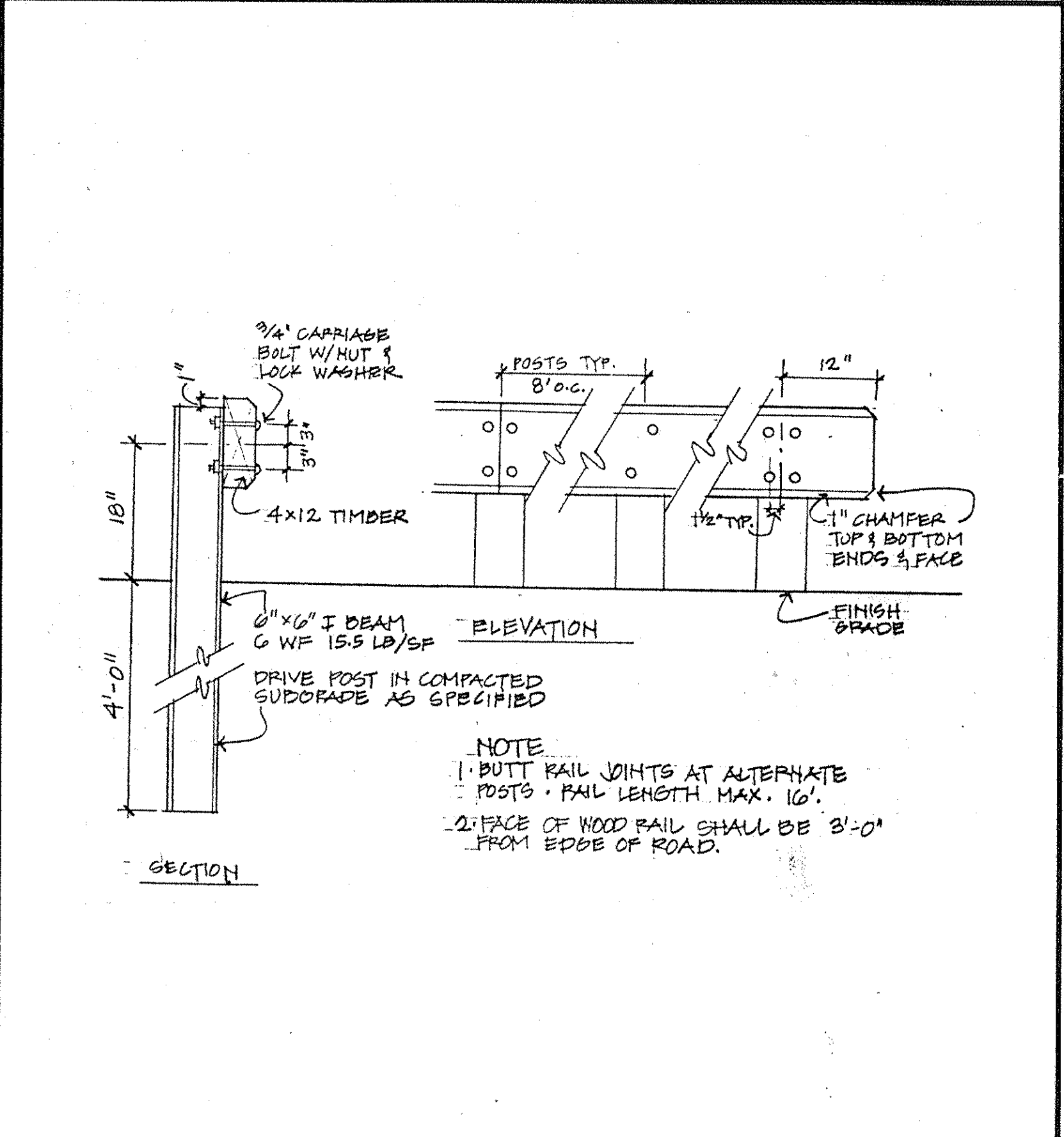
DRAINAGE ISLAND  
N.T.S.

34



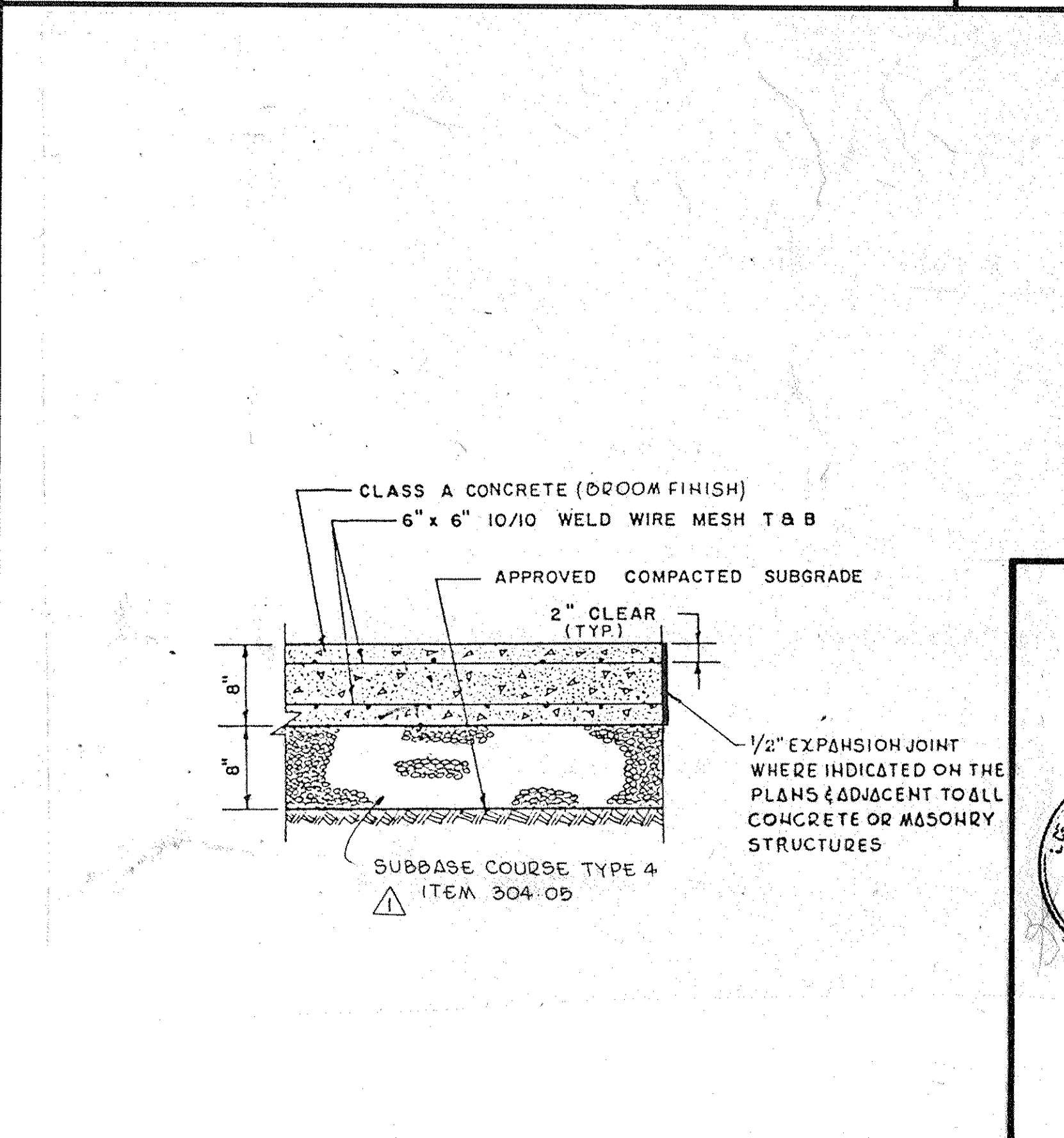
CONCRETE CURB ENDING  
N.T.S.

35



WOOD GUIDE with METAL POSTS  
SCALE 3/4" = 1'-0"

36



CONCRETE ROADWAY PAVEMENT  
N.T.S.

37

ADDENDUM NO. 3 3/10/86  
ADDENDUM NO. 1 9/12/85  
Revision No. Description Approved Date

**Customer Executive Education Center**  
Palisades, New York

Mitchell/Giorgola Architects  
170 West 57th Street  
New York, New York 10025

Several Persons Associates/Storm  
Structural Engineers

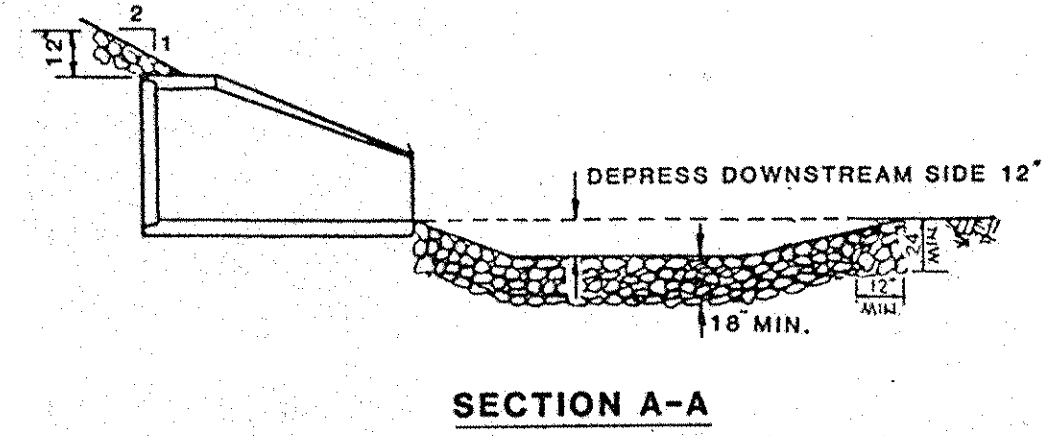
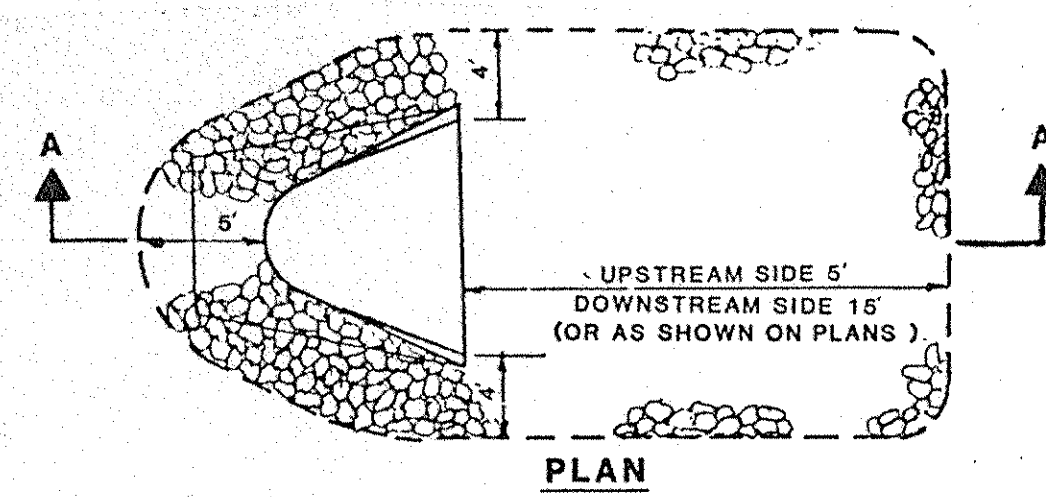
Syska & Hennessy, Inc.  
Mechanical & Electrical Engineers

**RAYMOND KEYES ENGINEERS, P.C.**  
SITE ENGINEERS

**SITE DETAILS**  
Status: BID PACKAGE Date: 8-23-85  
**ST-22**

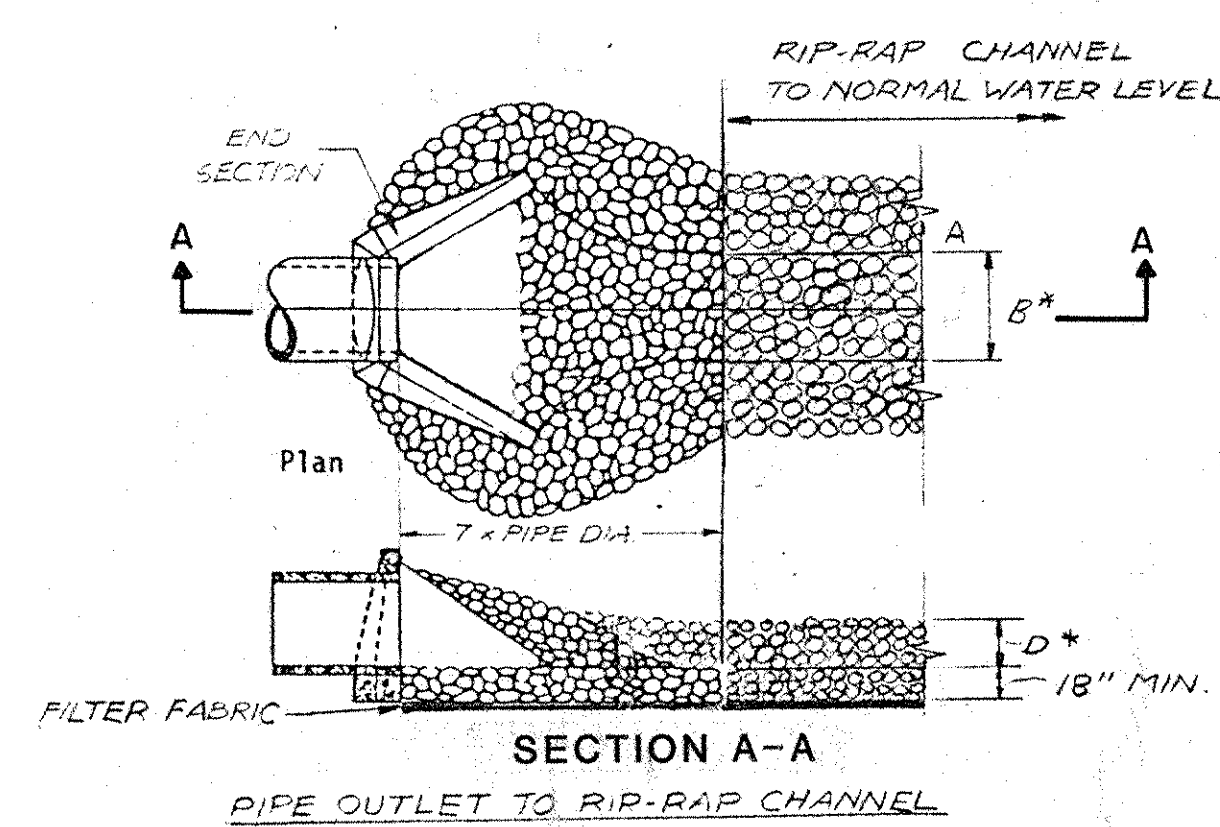
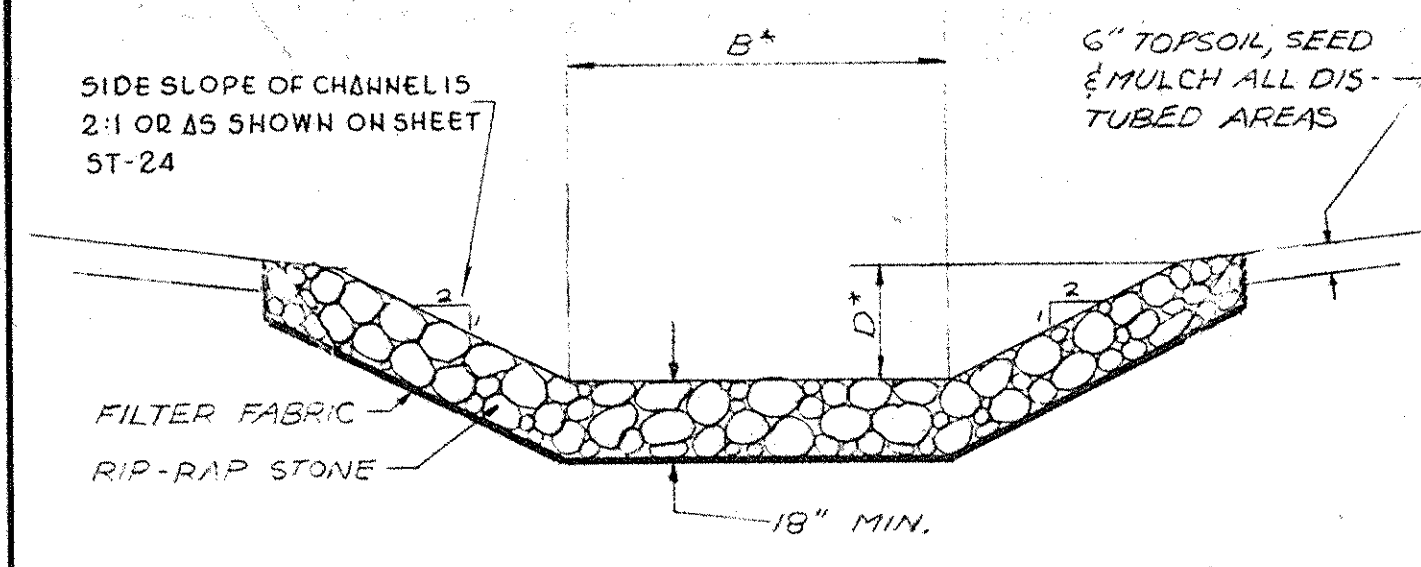
Title: AS SHOWN  
Drawn: H.G.P.  
Approved: O.A.K. Project No. 3368





TYPICAL RIP-RAP AT END SECTION  
N.T.S.

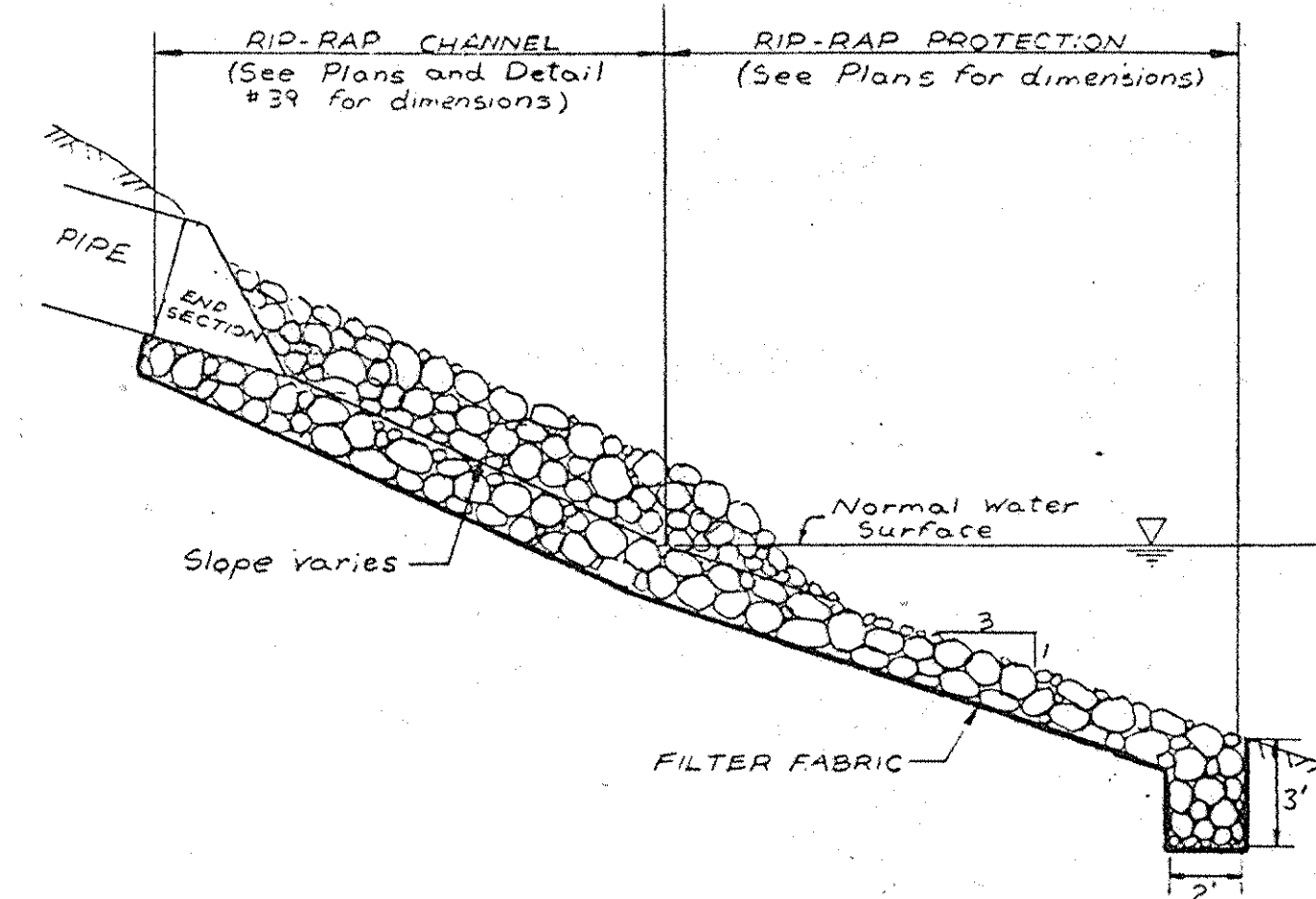
38



\*SEE PLANS FOR DIMENSIONS

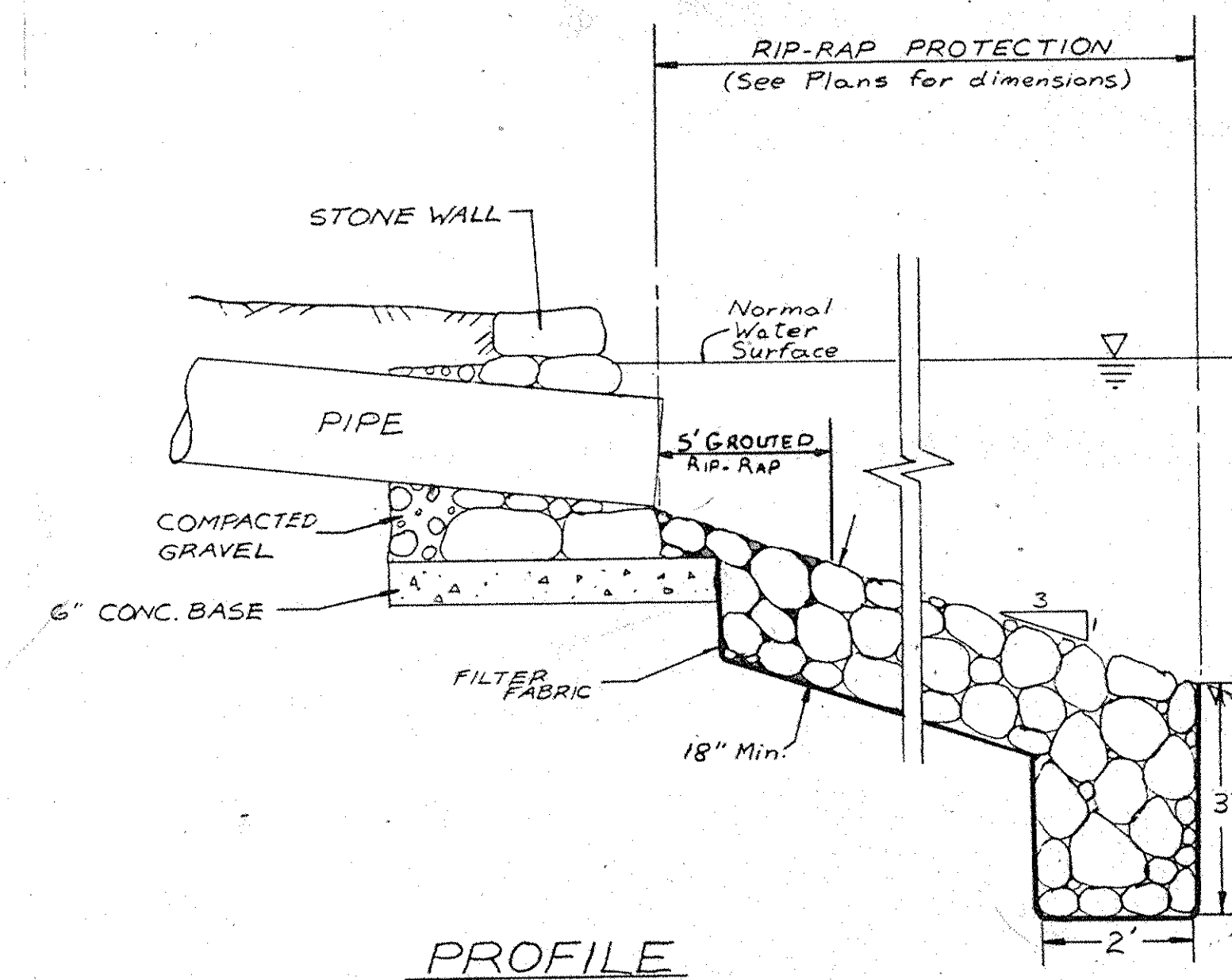
TYPICAL CHANNEL RIP-RAP  
N.T.S.

39



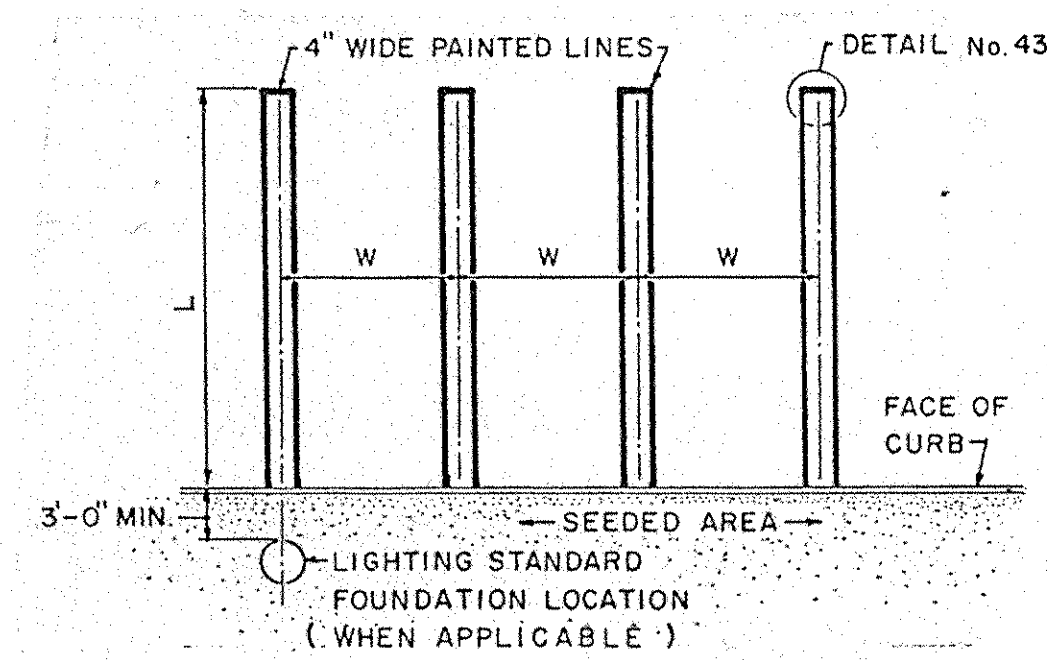
OUTLET RIP-RAP AT PONDS  
N.T.S.

40



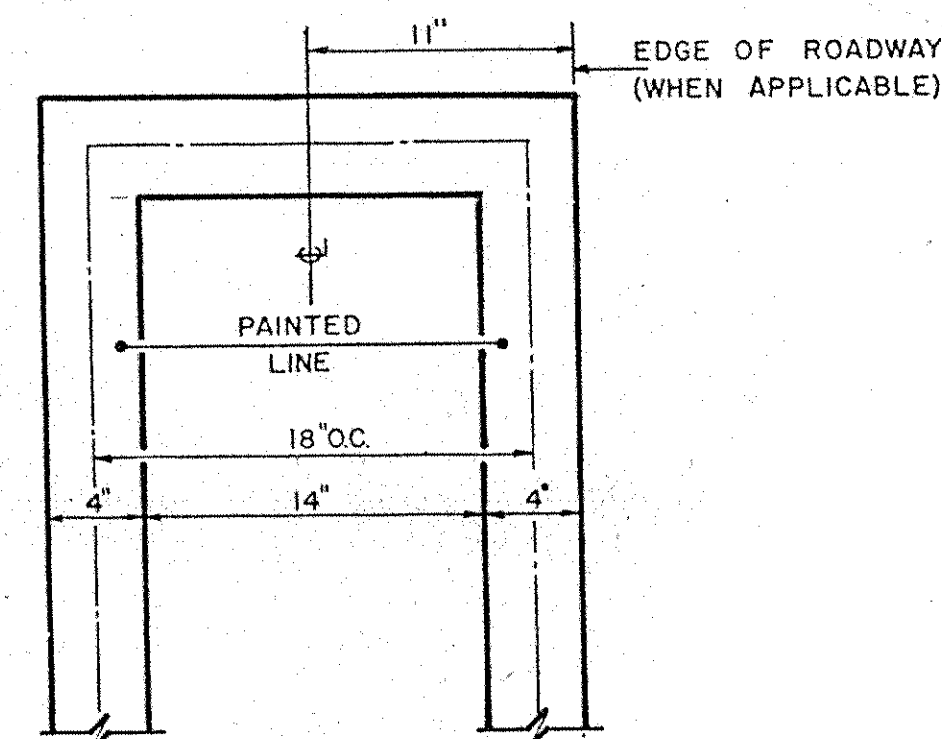
PIPE OUTLET THRU POND WALL  
N.T.S.

41



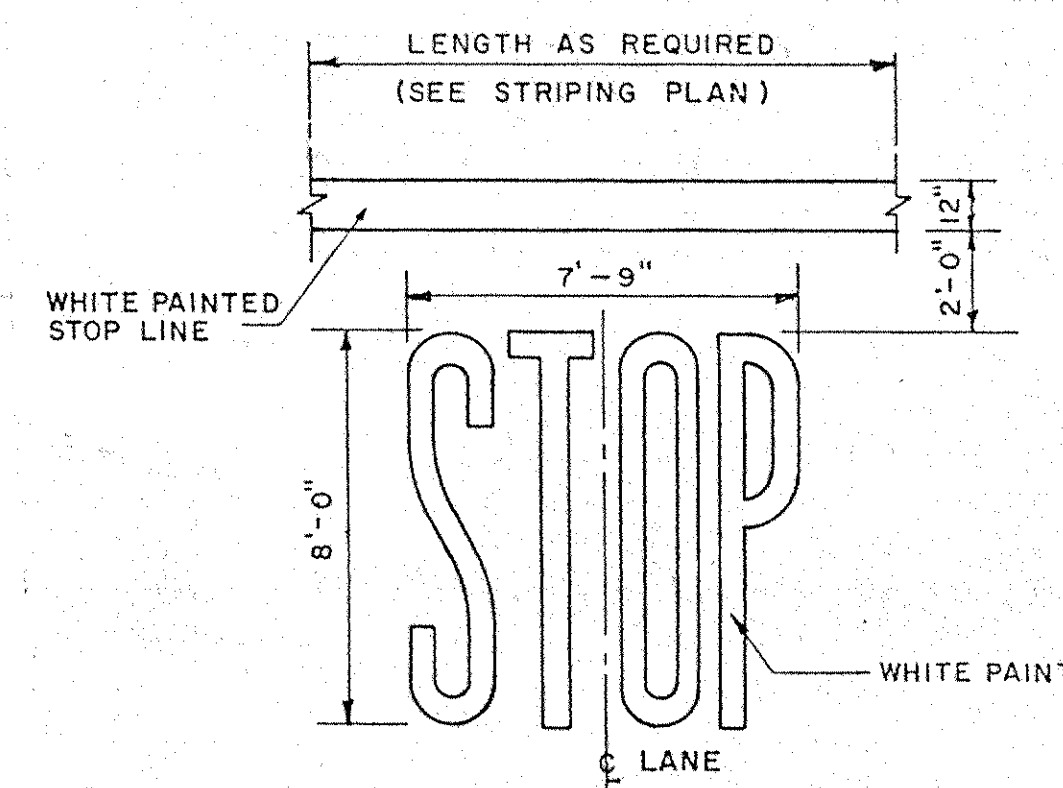
90° PERIMETER PARKING STALL LAYOUT  
SCALE: 1" = 10'-0"

42



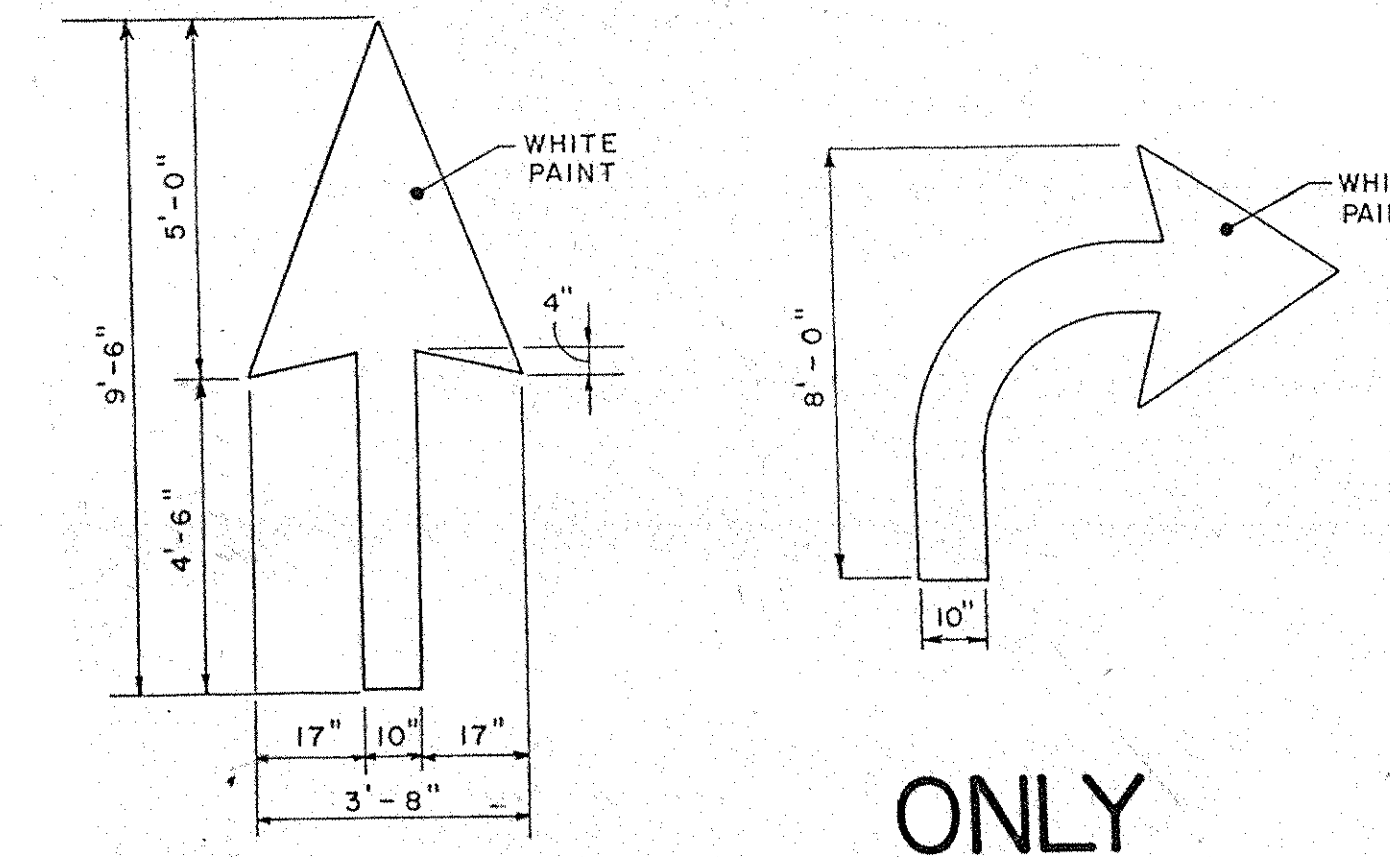
90° STRIPING ENLARGEMENT  
SCALE: 1/2" = 1'-0"

43



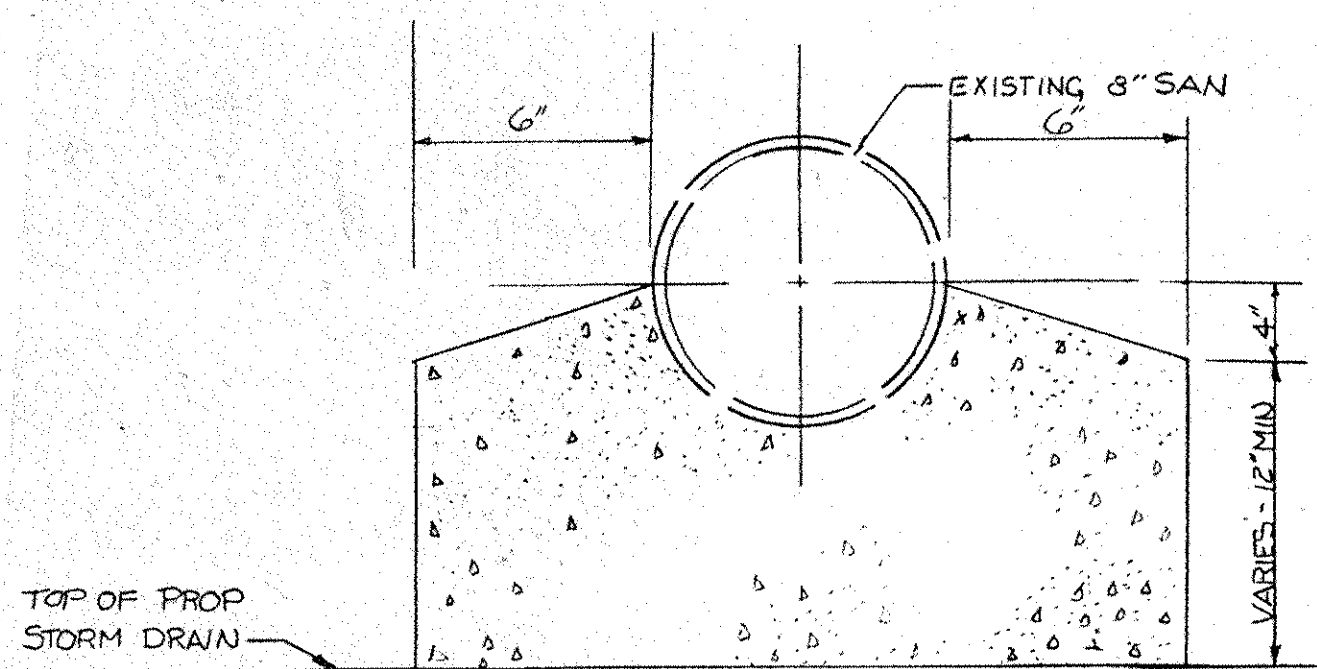
PAINTED STOP  
SCALE: 1/4" = 1'-0"

44

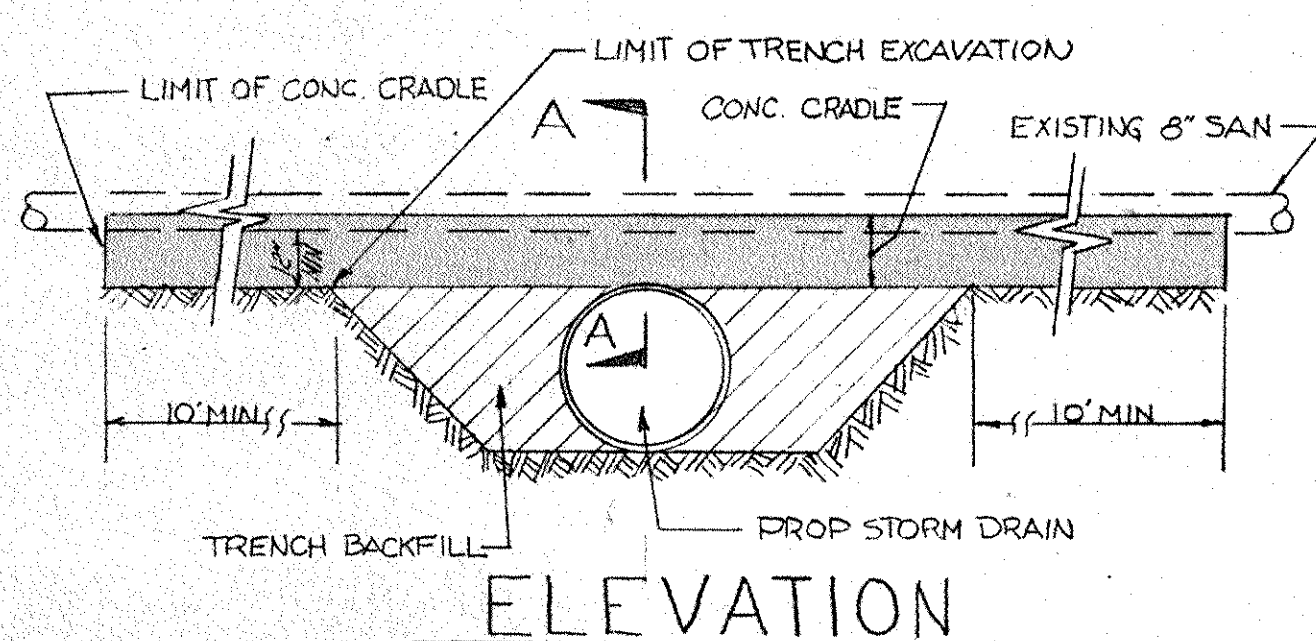


DIRECTIONAL ARROW  
SCALE: 3/8" = 1'-0"

45



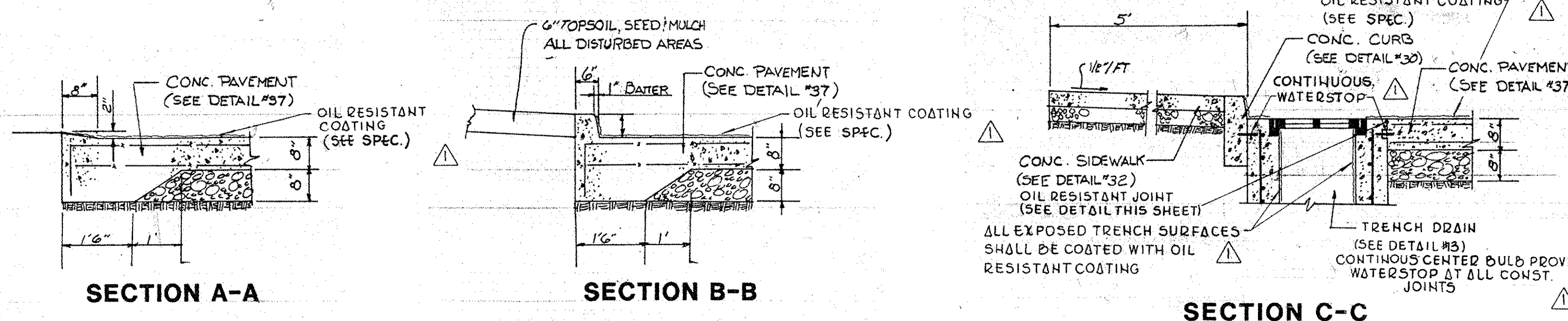
SECTION A-A



ELEVATION

CONCRETE CRADLE DETAIL  
N.T.S.

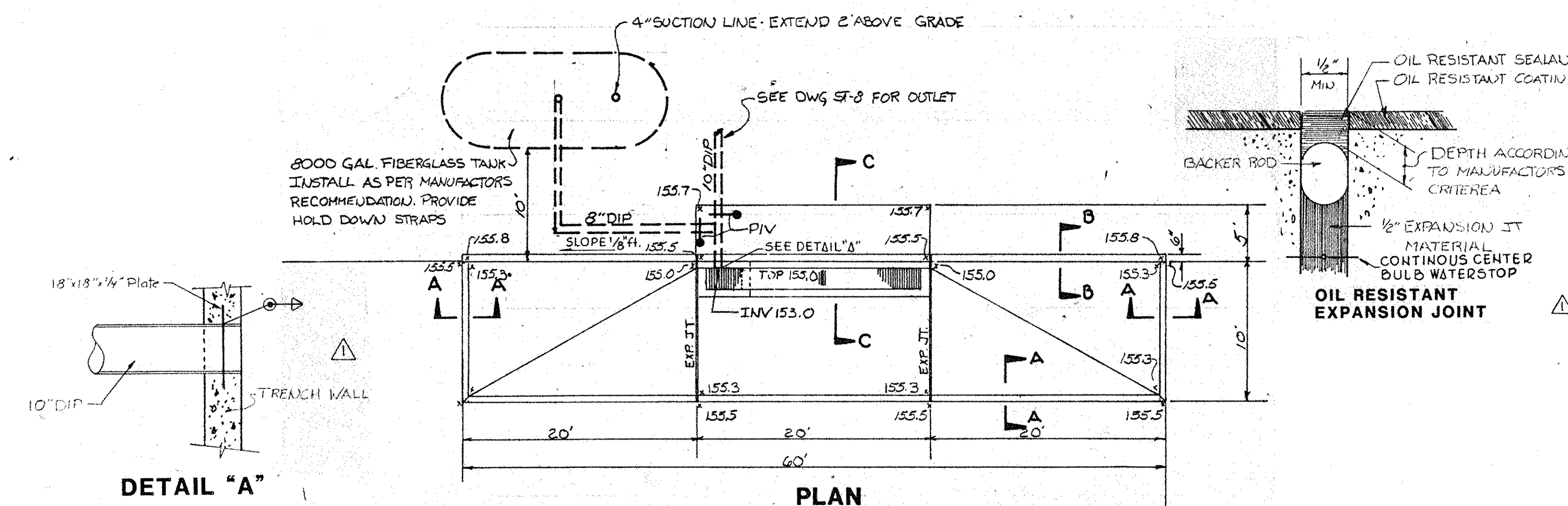
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SECTION A-A

SECTION B-B

SECTION C-C

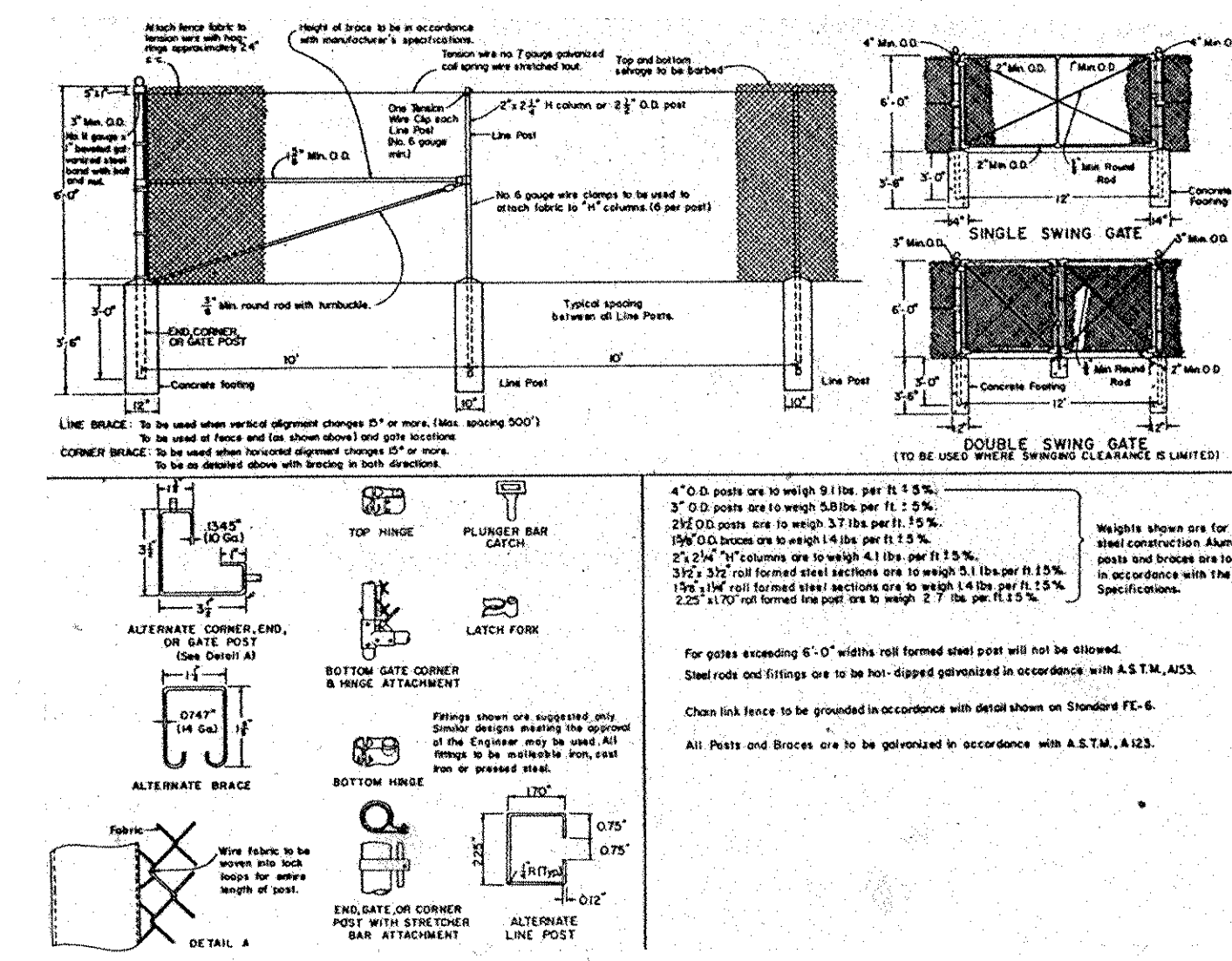


PLAN

DETAIL "A"

OIL TRUCK UNLOADING AREA  
N.T.S.

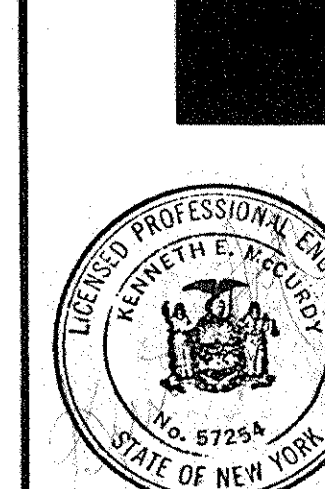
47



CHAIN LINK FENCE  
N.T.S.

48

APPENDUM NO. 3 5/10/86  
APPENDUM NO. 1 9/12/85  
Revision No. Description Approved Date



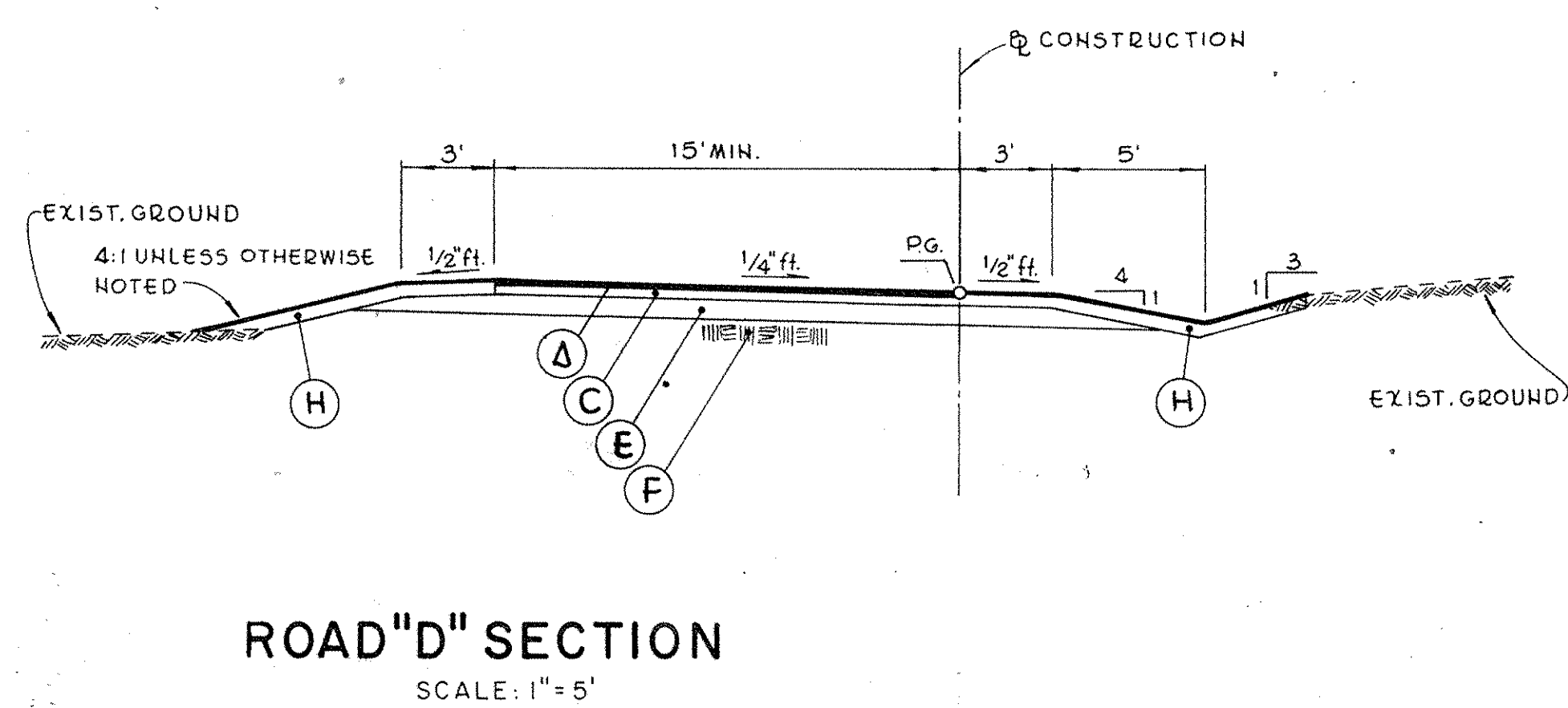
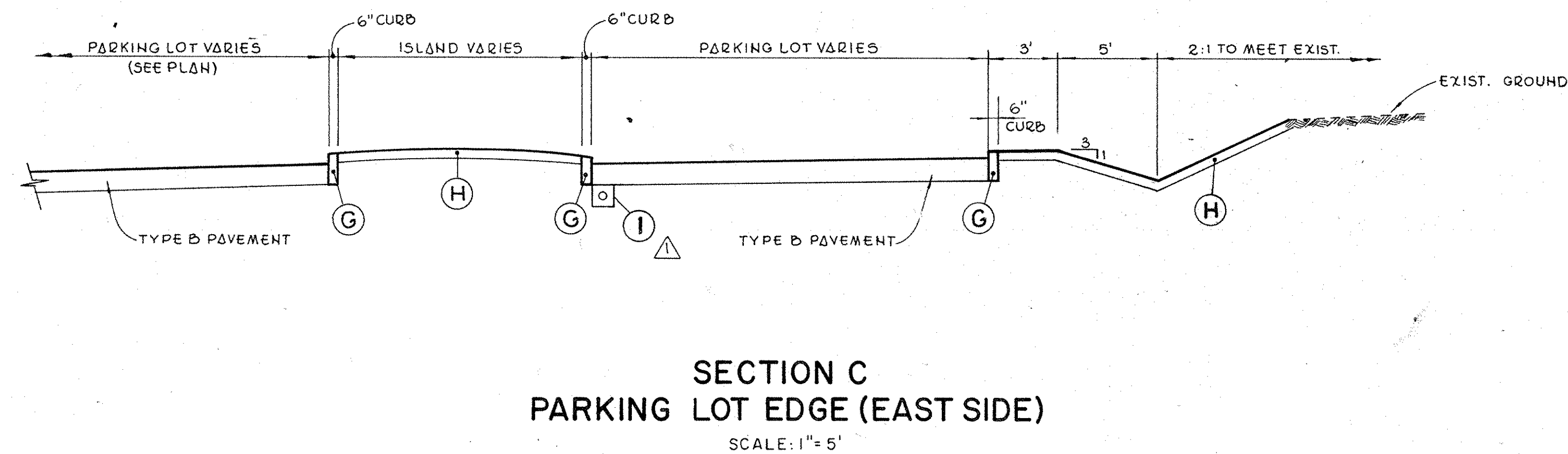
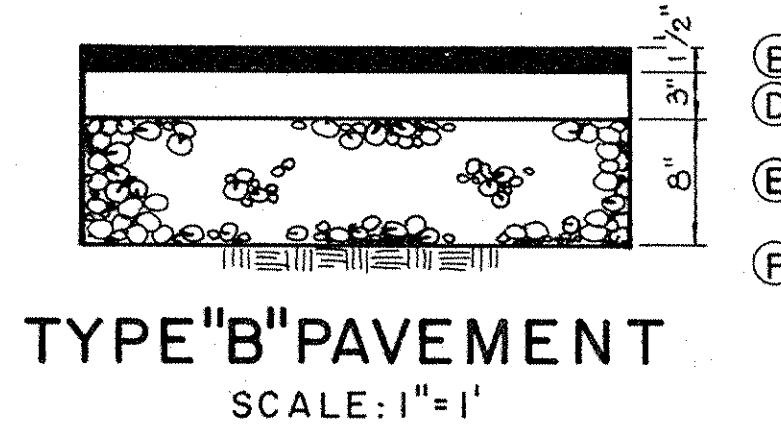
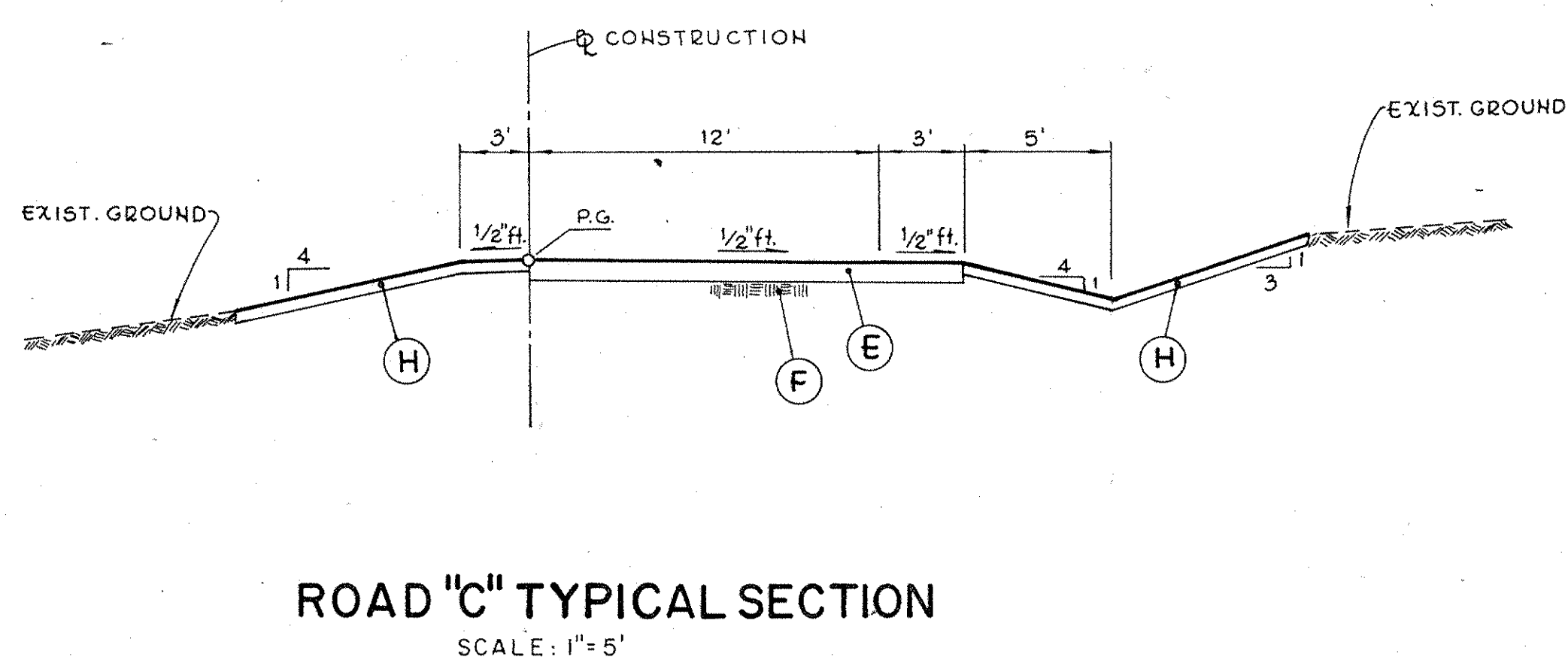
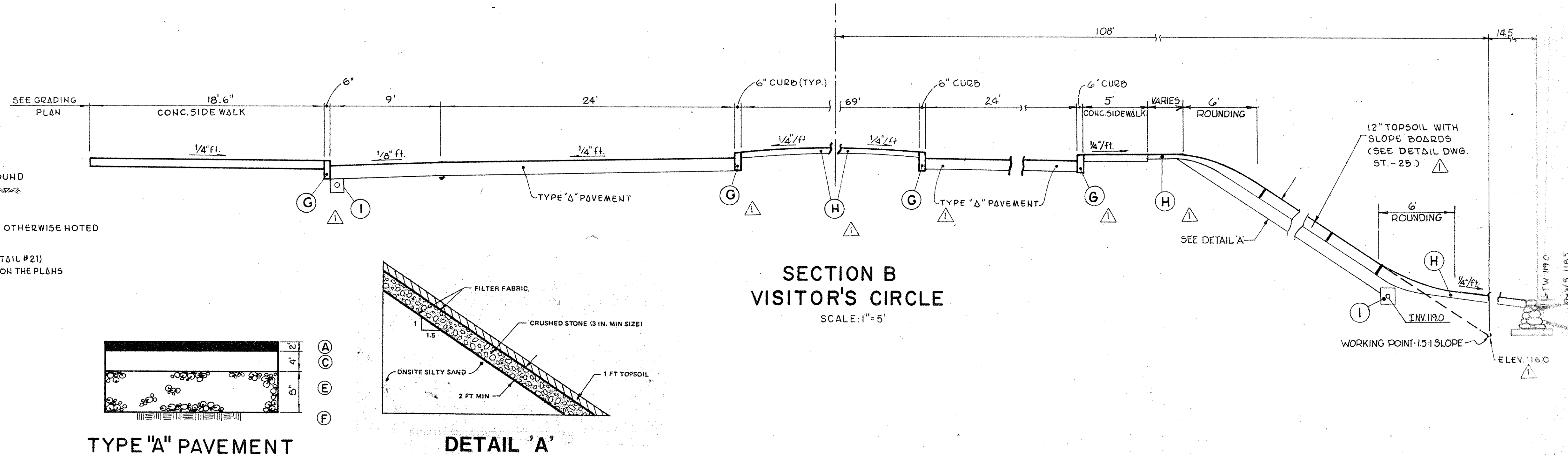
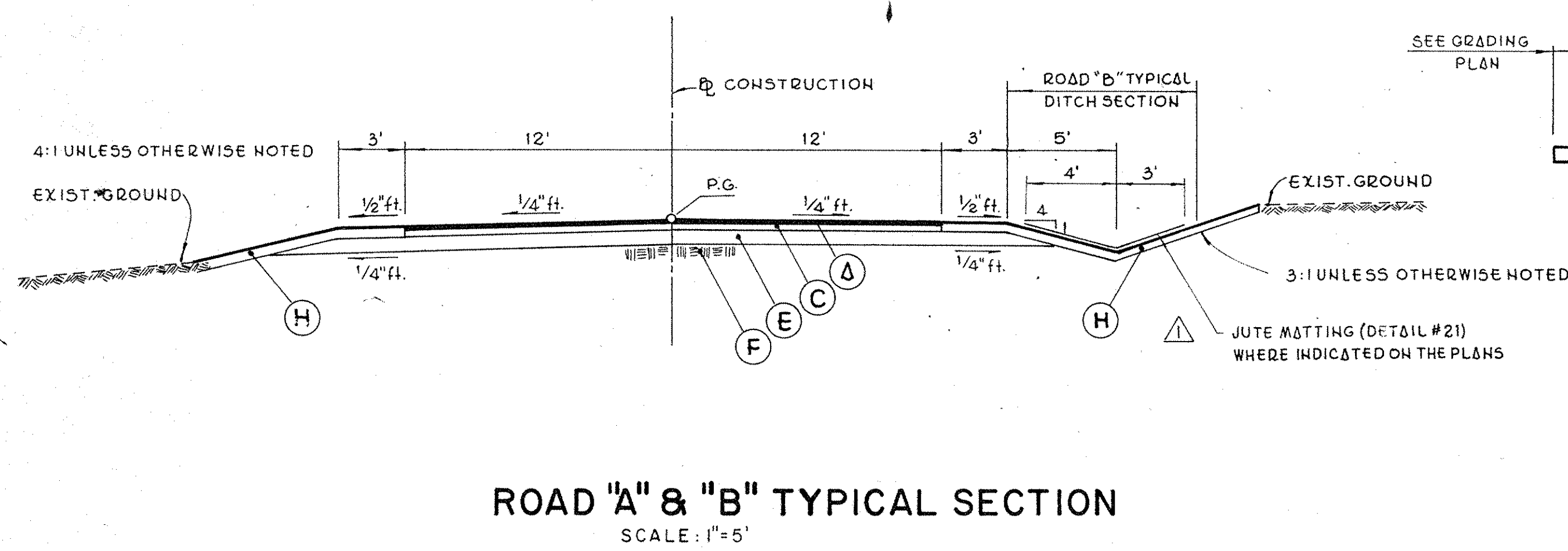
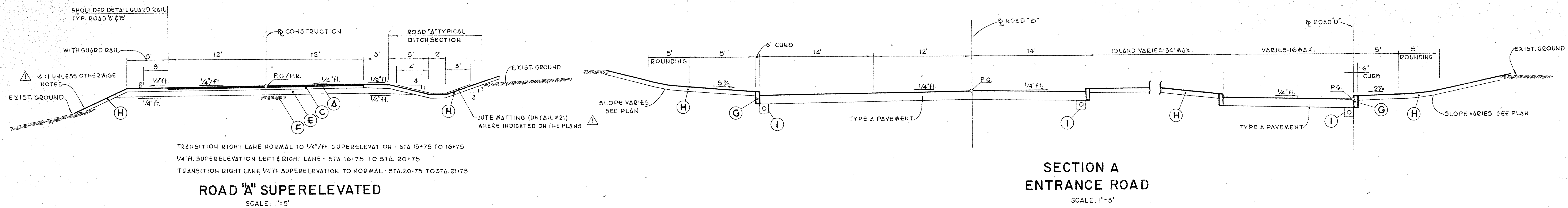
Customer Executive Education Center  
Palisades, New York

Mitchell/Giurgola Architects  
170 West 97th Street  
New York, New York 10025  
Several Persons Sagedy Sturm  
Structural Engineers  
Sykes & Hennessy, Inc.  
Mechanical & Electrical Engineers  
RAYMOND KEYES ENGINEERS, P.C.  
SITE ENGINEERS

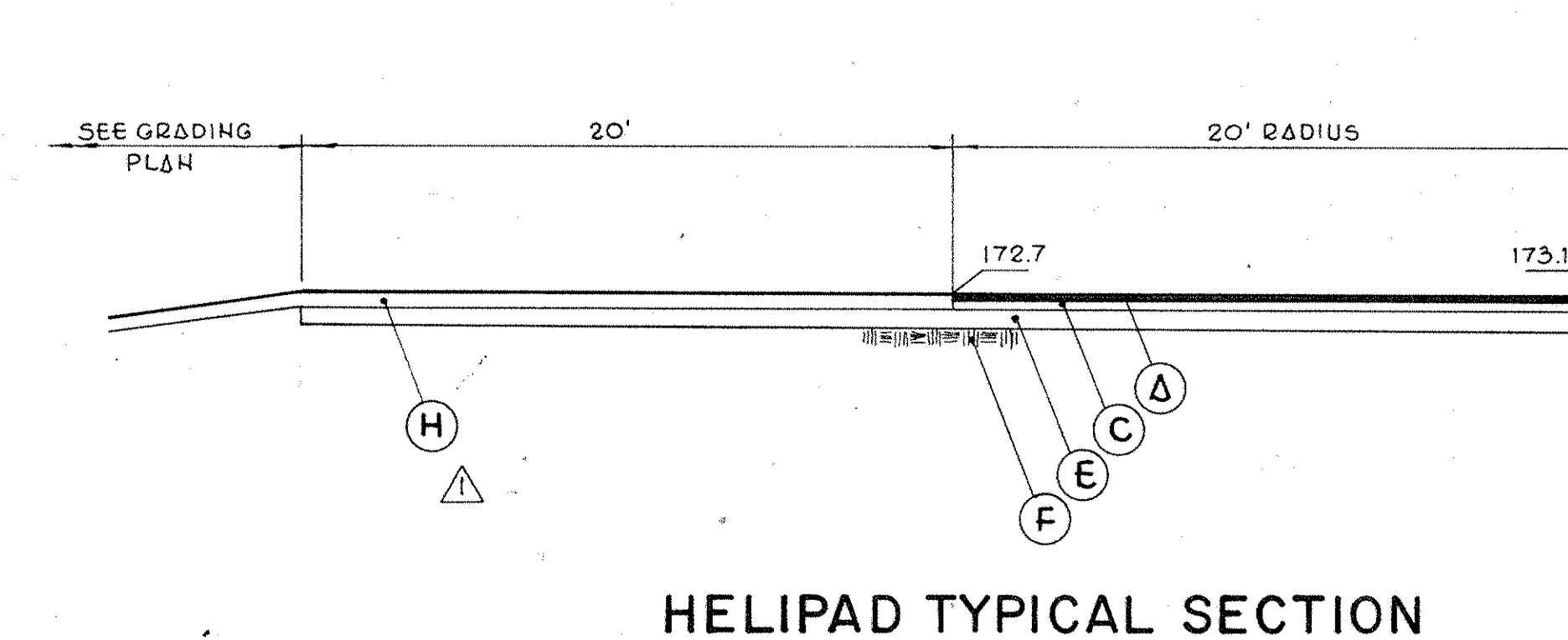
Title Status BID PACKAGE Date  
Scale AS SHOWN 8-23-85  
Drawn H.G.P.  
Approved O.A.K. Project No. 3366

SITE DETAILS  
ST-23





- PAVEMENT LEGEND**
- (A) - 2" Asphaltic Concrete Type 6 Top Course, Item 403.17
  - (B) - 1 1/2" Asphaltic Concrete Type 6 Top Course, Item 403.17
  - (C) - 4" Asphaltic Concrete Type 1 Base Course, Item 403.11
  - (D) - 3" Asphaltic Concrete Type 1 Base Course, Item 403.11
  - (E) - 8" Subbase Course Type 4, Item 304.05
  - (F) - Approved Compacted Subgrade
  - (G) - 6" Concrete Curb (Detail #30)
  - (H) - 6" Topsoil, Seeding & Mulch
  - (I) - 6" Underdrain (Detail #7)



APPENDUM NO. 3 3/10/86  
APPENDUM NO. 1 9/12/85  
Revision No. Description Approved Date

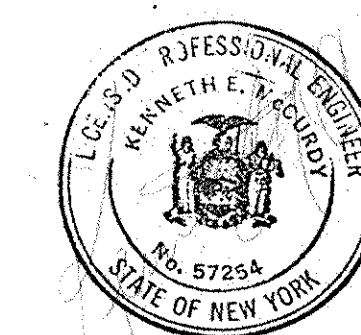
**Customer Executive Education Center**  
Palisades, New York

Mitchell Garapola Architects  
10 West 97th Street  
New York, New York 10025

Several Persons Sincerely Sams  
Structural Engineers

Syska & Hennessy, Inc.  
Mechanical & Electrical Engineers

**RAYMOND KEYES ENGINEERS, P.C.**  
SITE ENGINEERS

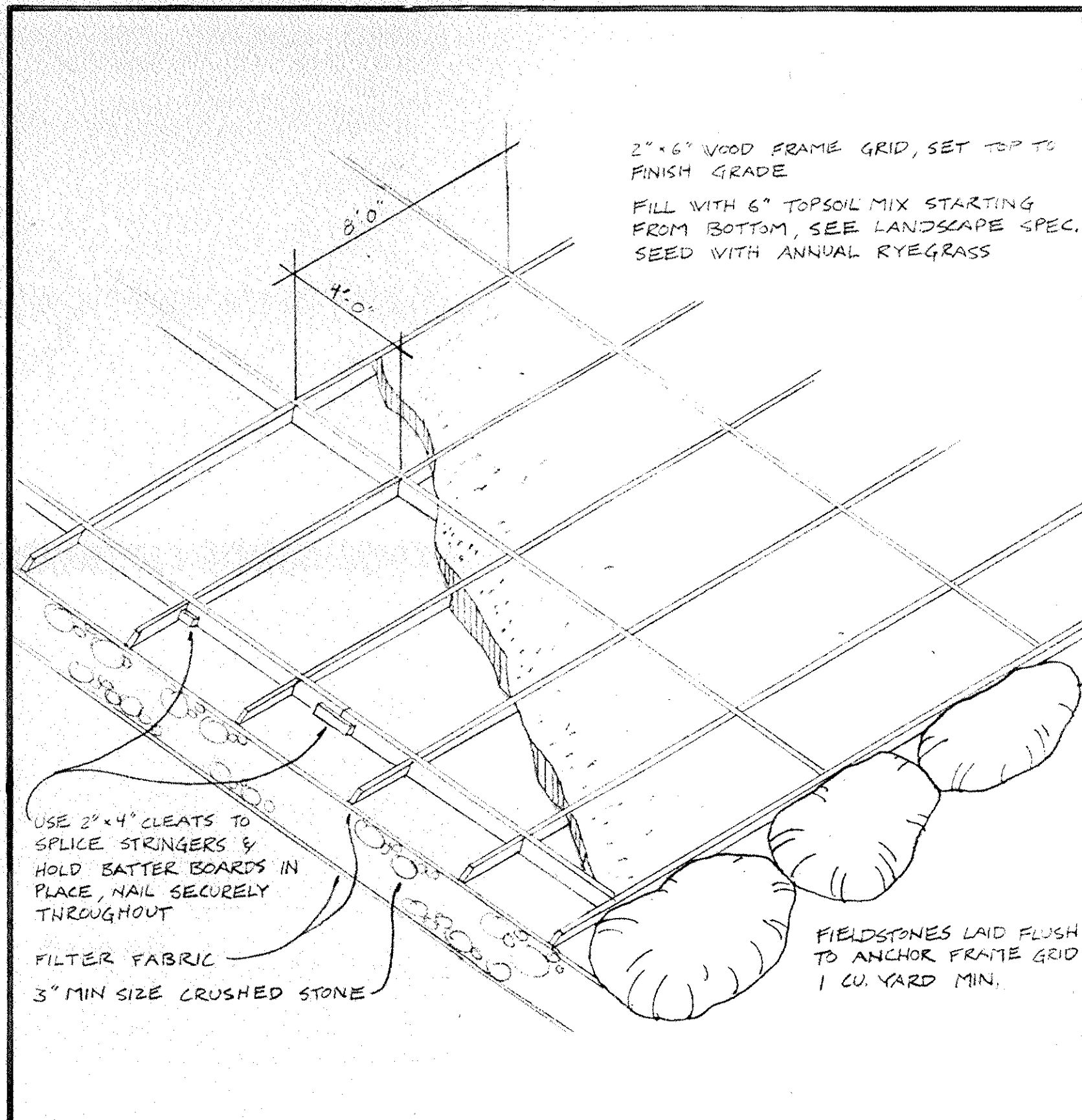


**TYPICAL SECTIONS**

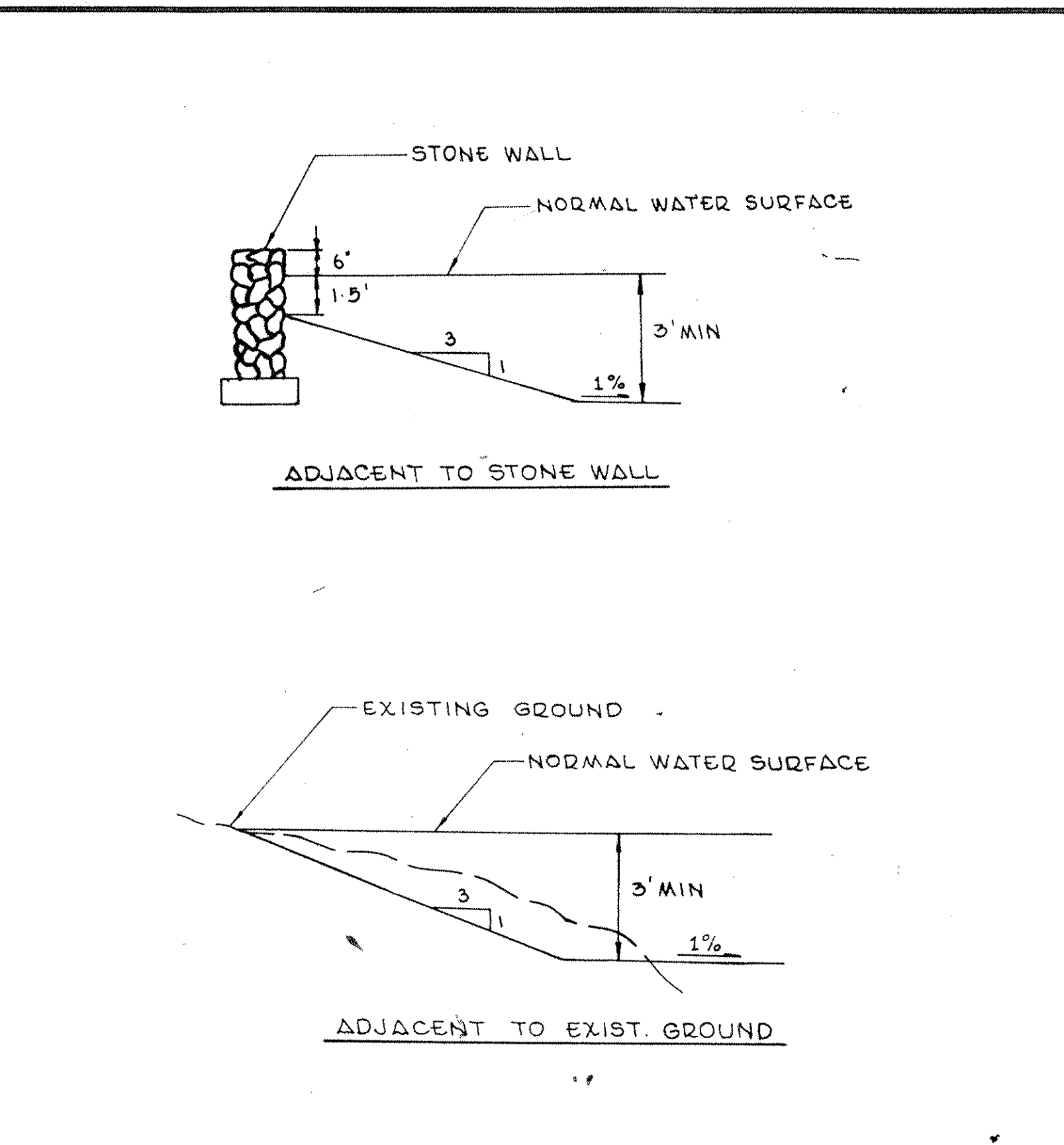
Title Status BID PACKAGE Date  
Scale AS SHOWN 8/23/85  
Drawn A.S.M.  
Approved O.A.K. Project No. 3368

**ST-24**

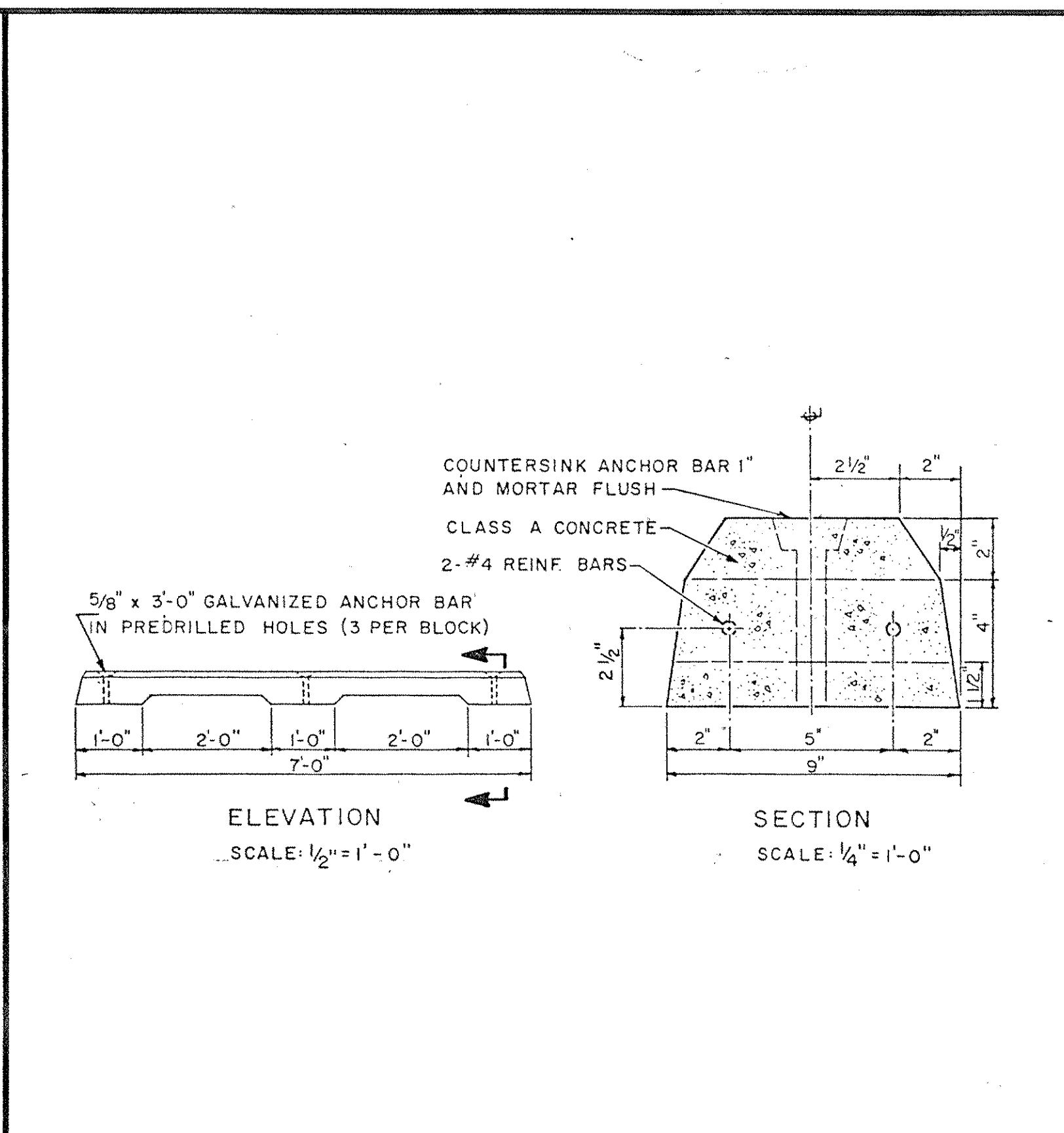




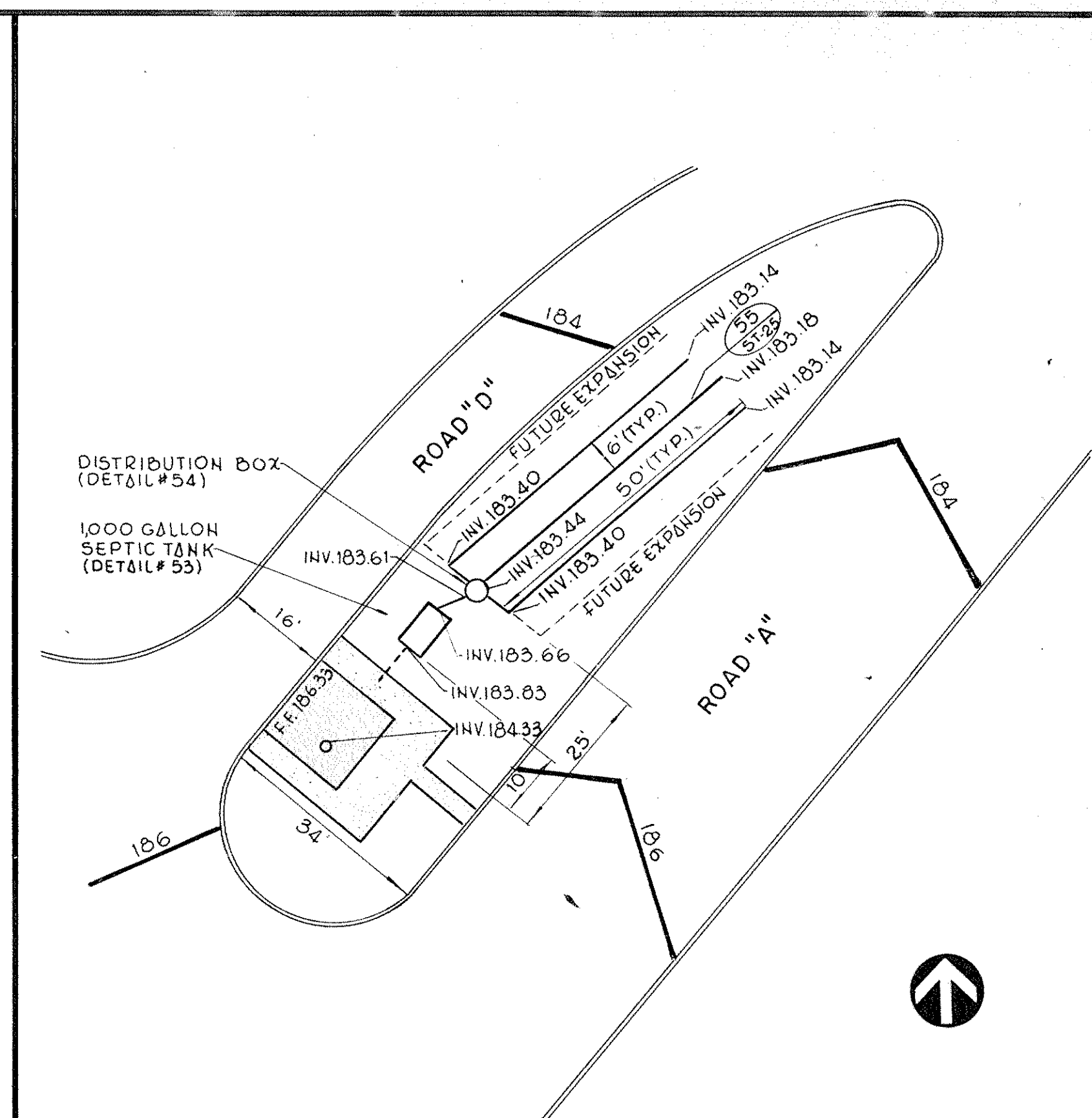
**SLOPE BOARD DETAIL**  
N.T.S. **49**



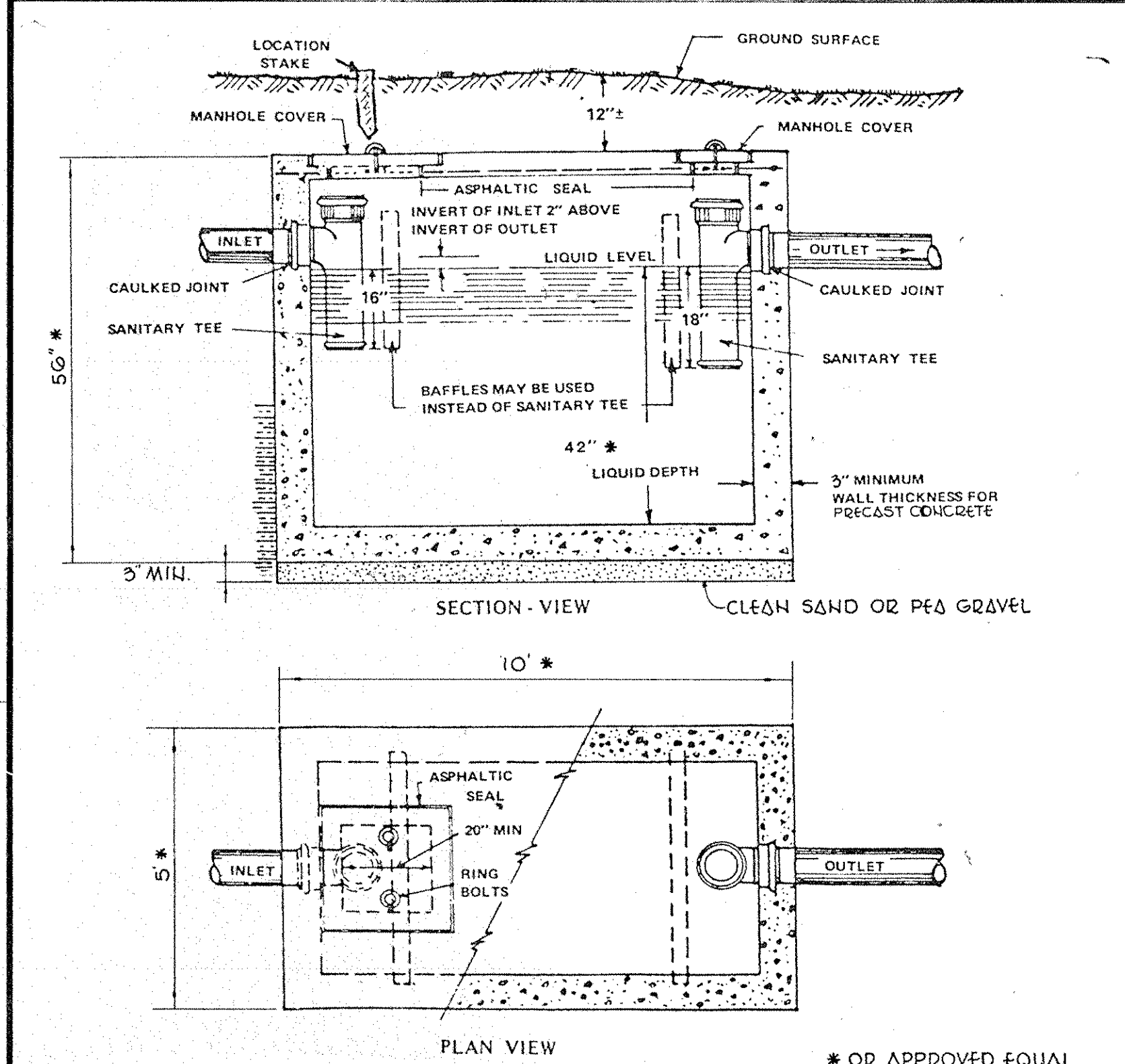
**POND EDGE DETAIL**  
N.T.S. **50**



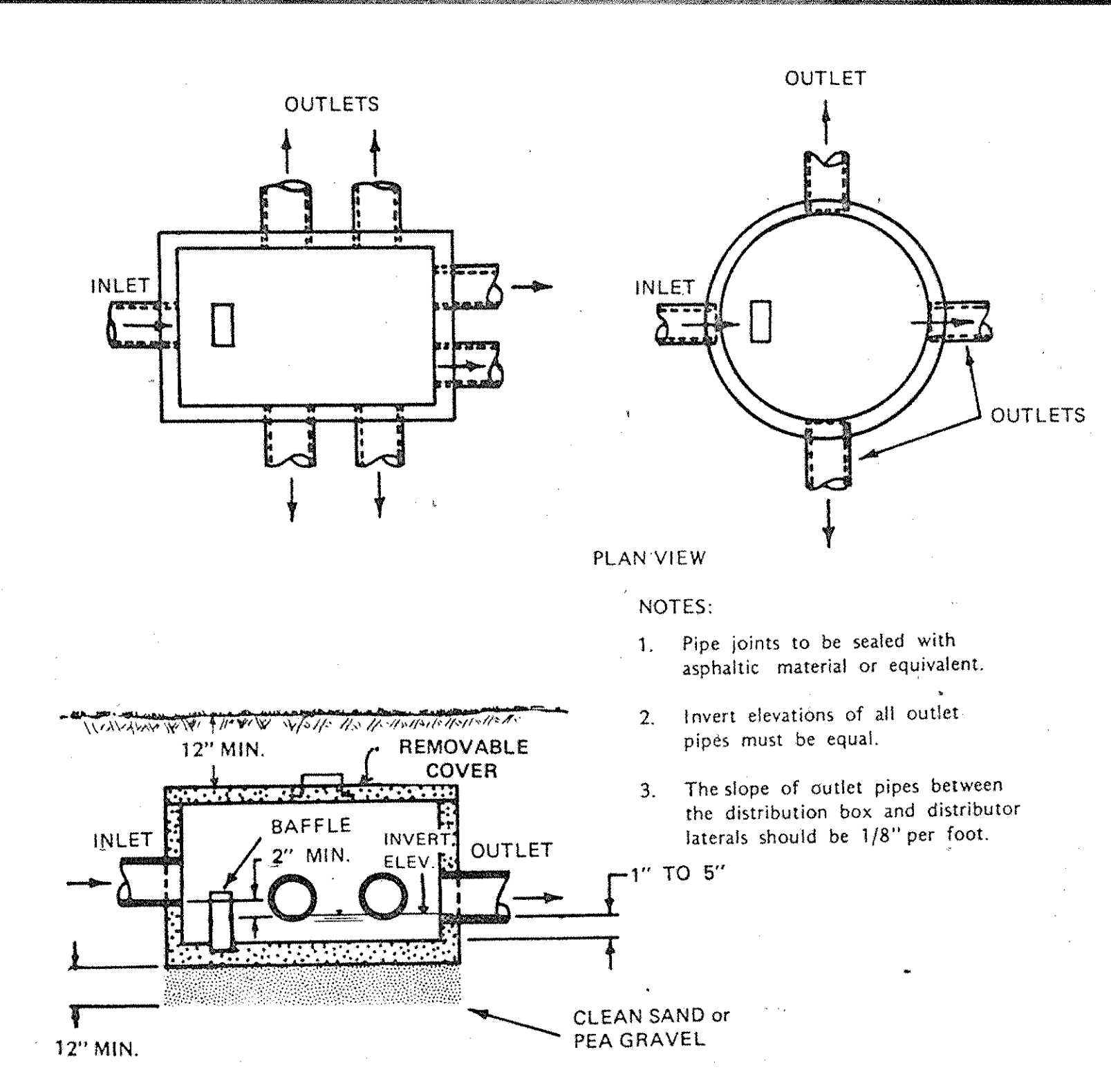
**PRECAST CONCRETE PARKING BLOCK**  
SCALE AS NOTED **51**



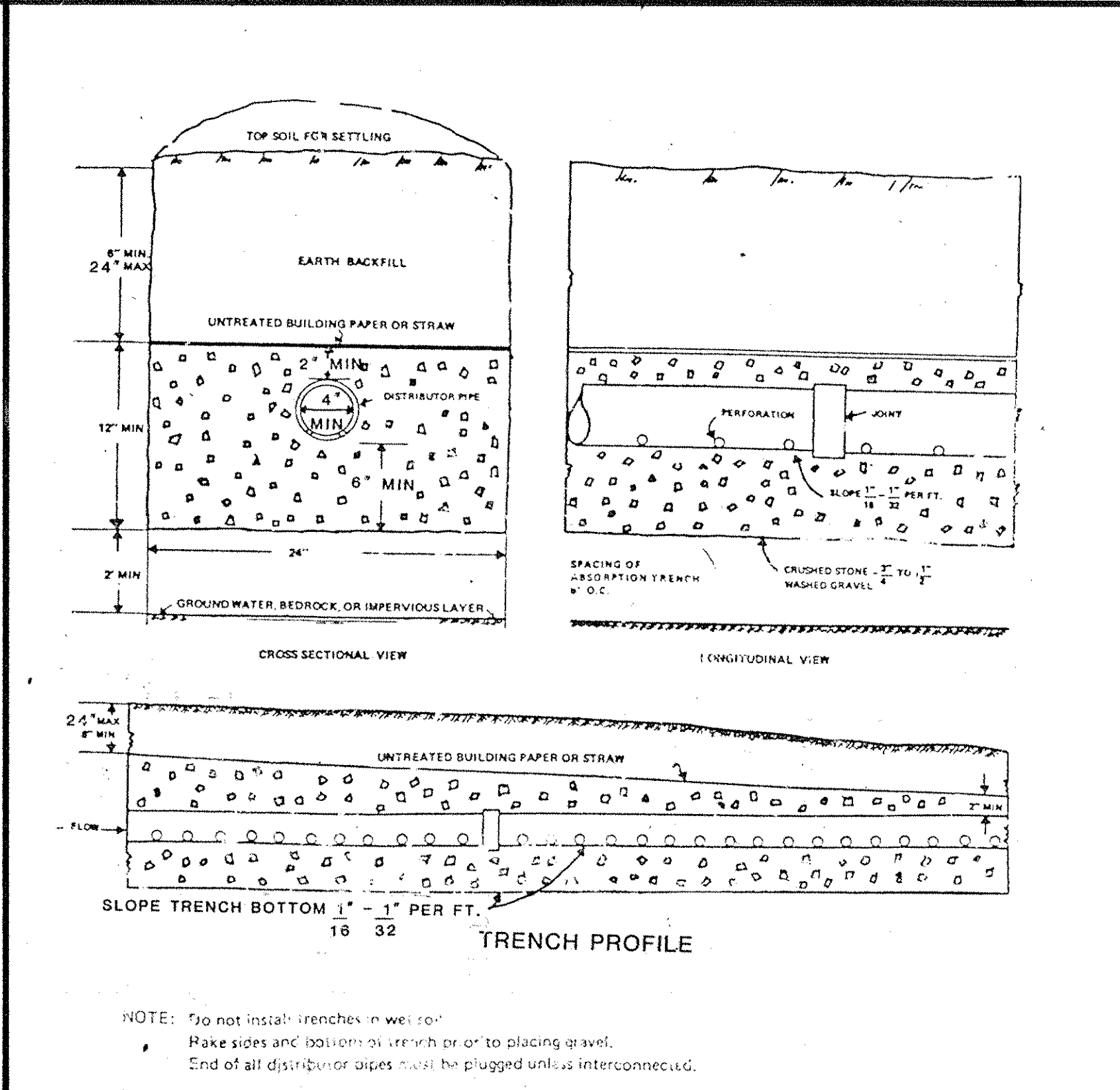
**SEPTIC SYSTEM AT V.C.F. BUILDING**  
SCALE: 1"=20' **52**



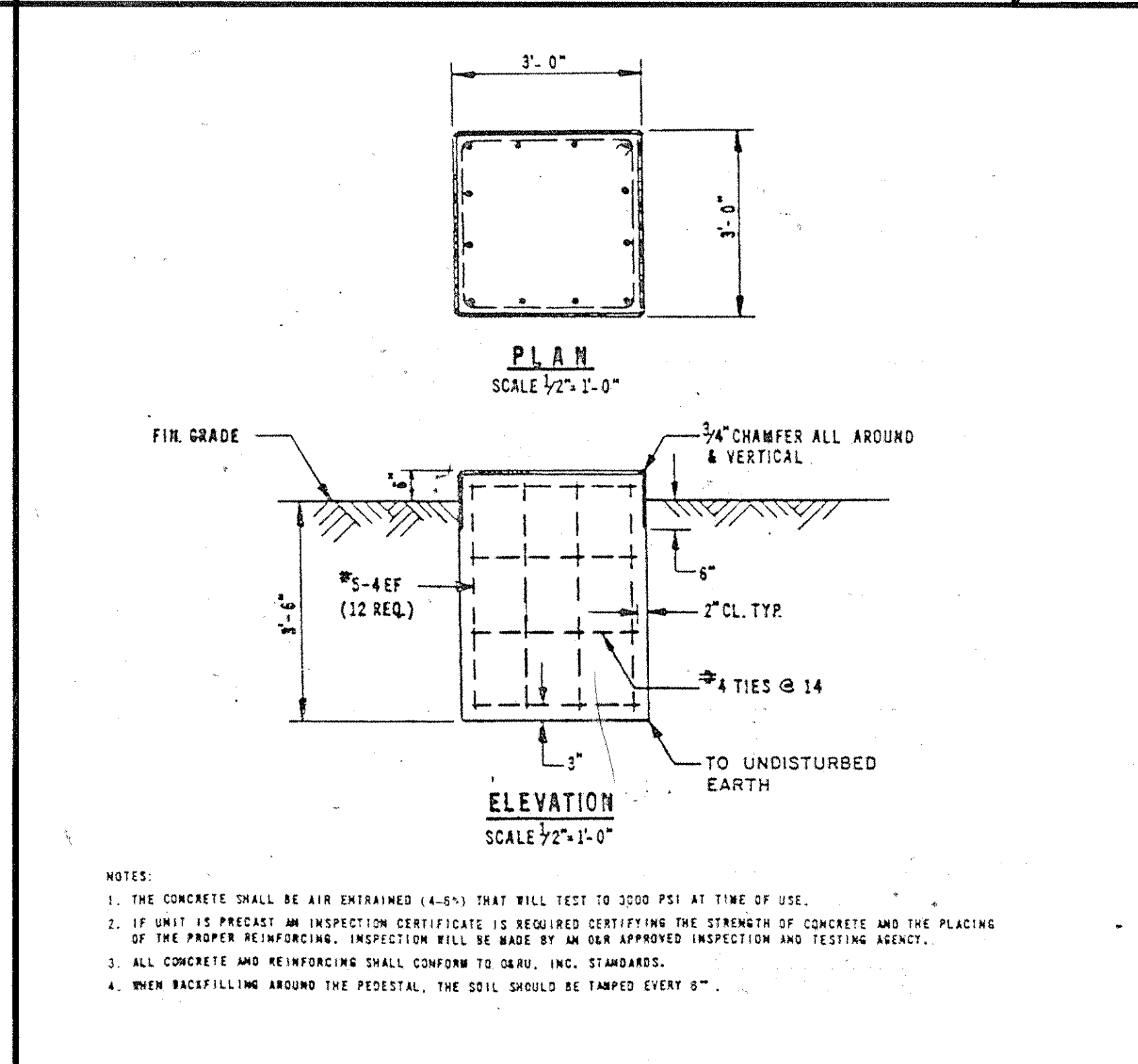
**TYPICAL CONCRETE SEPTIC TANK**  
N.T.S. **53**



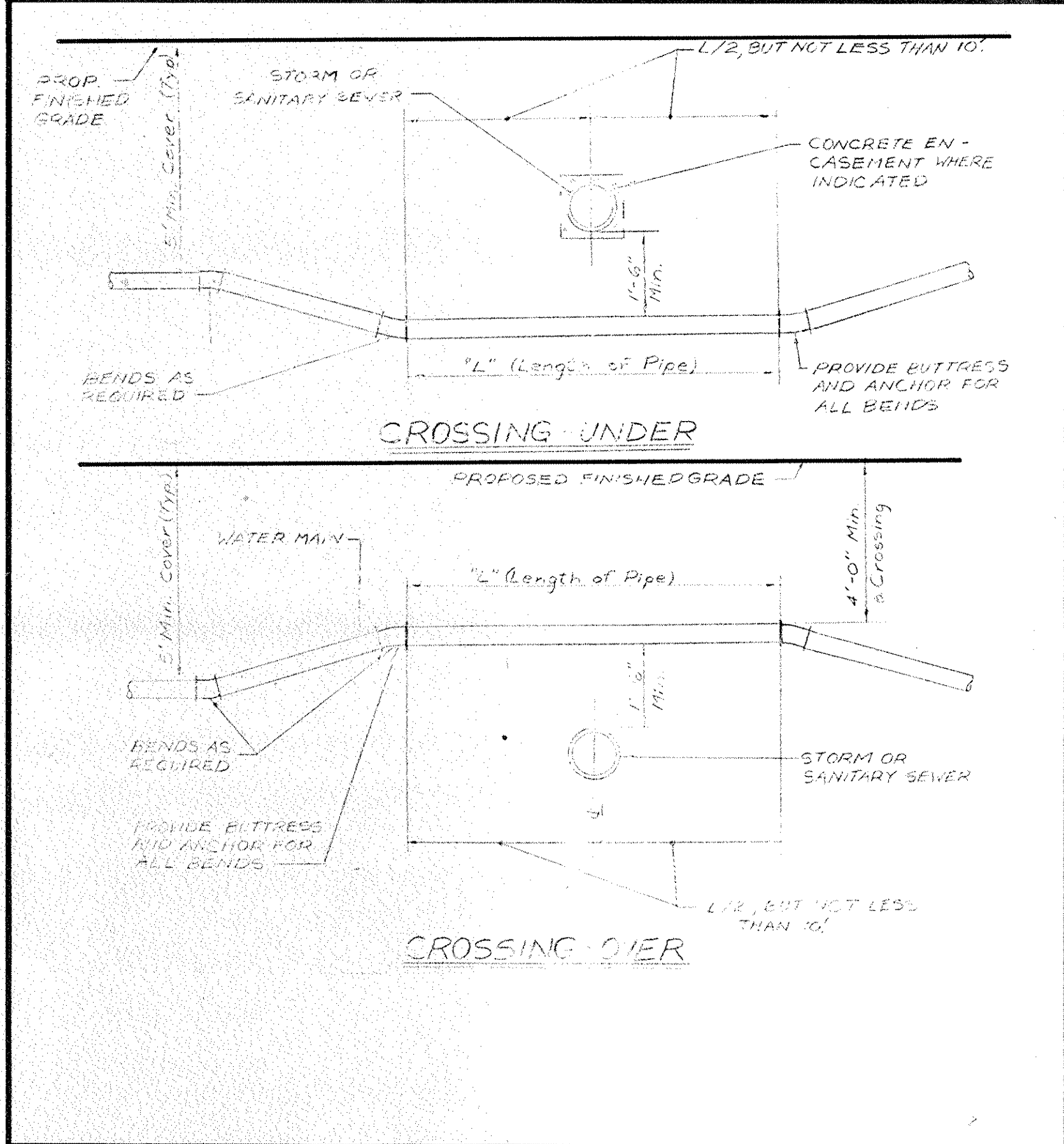
**DISTRIBUTION BOX DETAIL**  
N.T.S. **54**



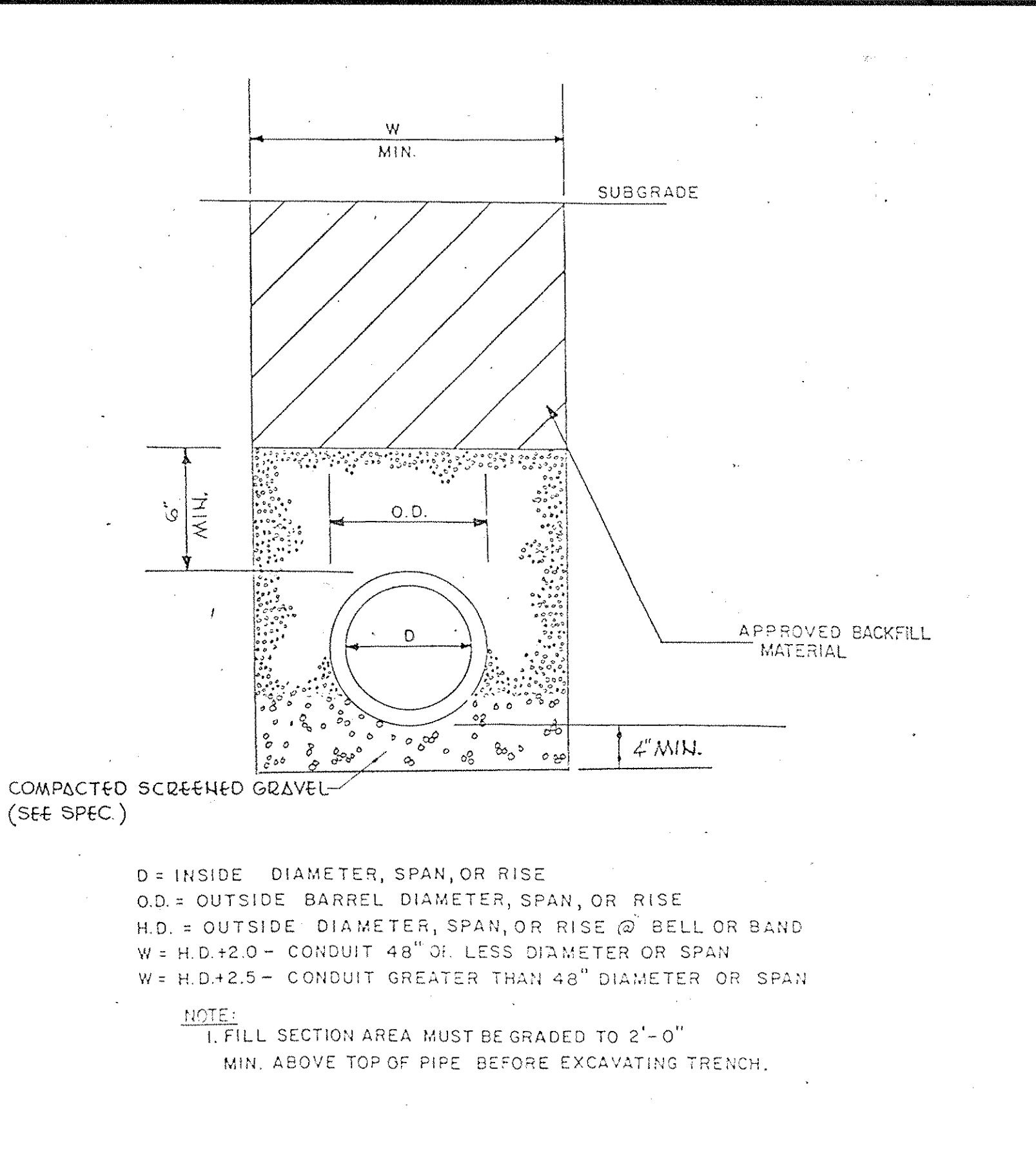
**TYPICAL ABSORPTION TRENCH DETAIL**  
N.T.S. **55**



**GAS METER PAD**  
N.T.S. **56**



**SEPARATION OF WATER MAINS AND SEWERS**  
N.T.S. **57**



**SANITARY SEWER P.V.C PIPE TRENCH**  
N.T.S. **58**

Revision No.	APPENDUM NO. 3 APPENDUM NO. 1	3/10/86 9-12-85
Description		Approved Date

**RAYMOND KEYES ENGINEERS, P.C.**  
SITE ENGINEERS

**Customer Executive Education Center**  
Palisades, New York

Mitchell Langlois Architects  
170 West 97th Street  
New York, New York 10025

Severald Perrone Sargeady Sturm  
Structural Engineers

Spoka & Hennessey, Inc.  
Mechanical & Electrical Engineers

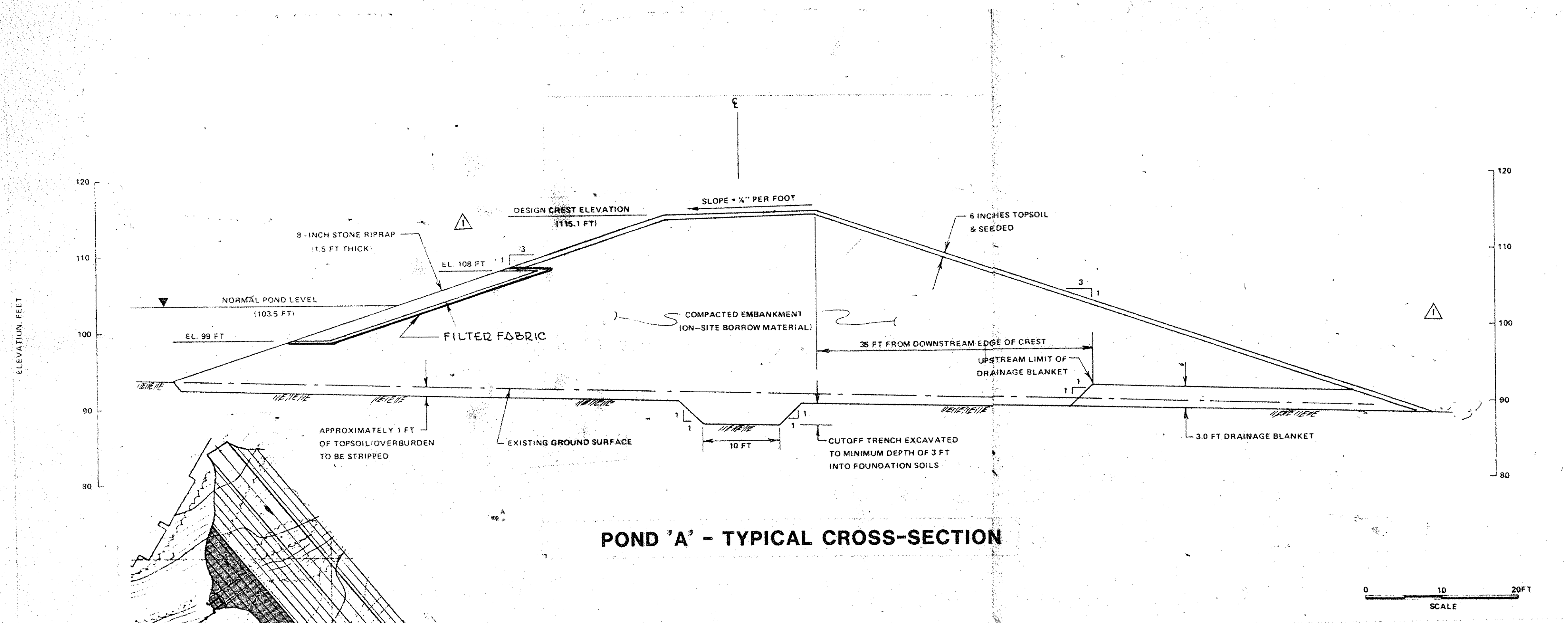
**STATE OF NEW YORK**

**SITE DETAILS**  
Status: BID PACKAGE  
Date: 9/12/85  
Scale: AS SHOWN  
Drawn: H.G.P.  
Approved: O.A.K.

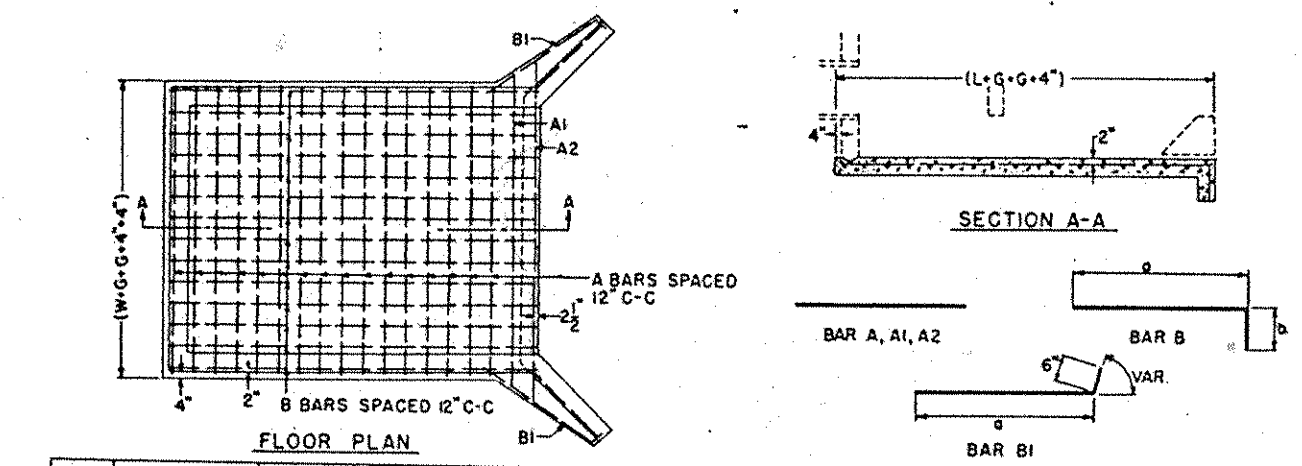
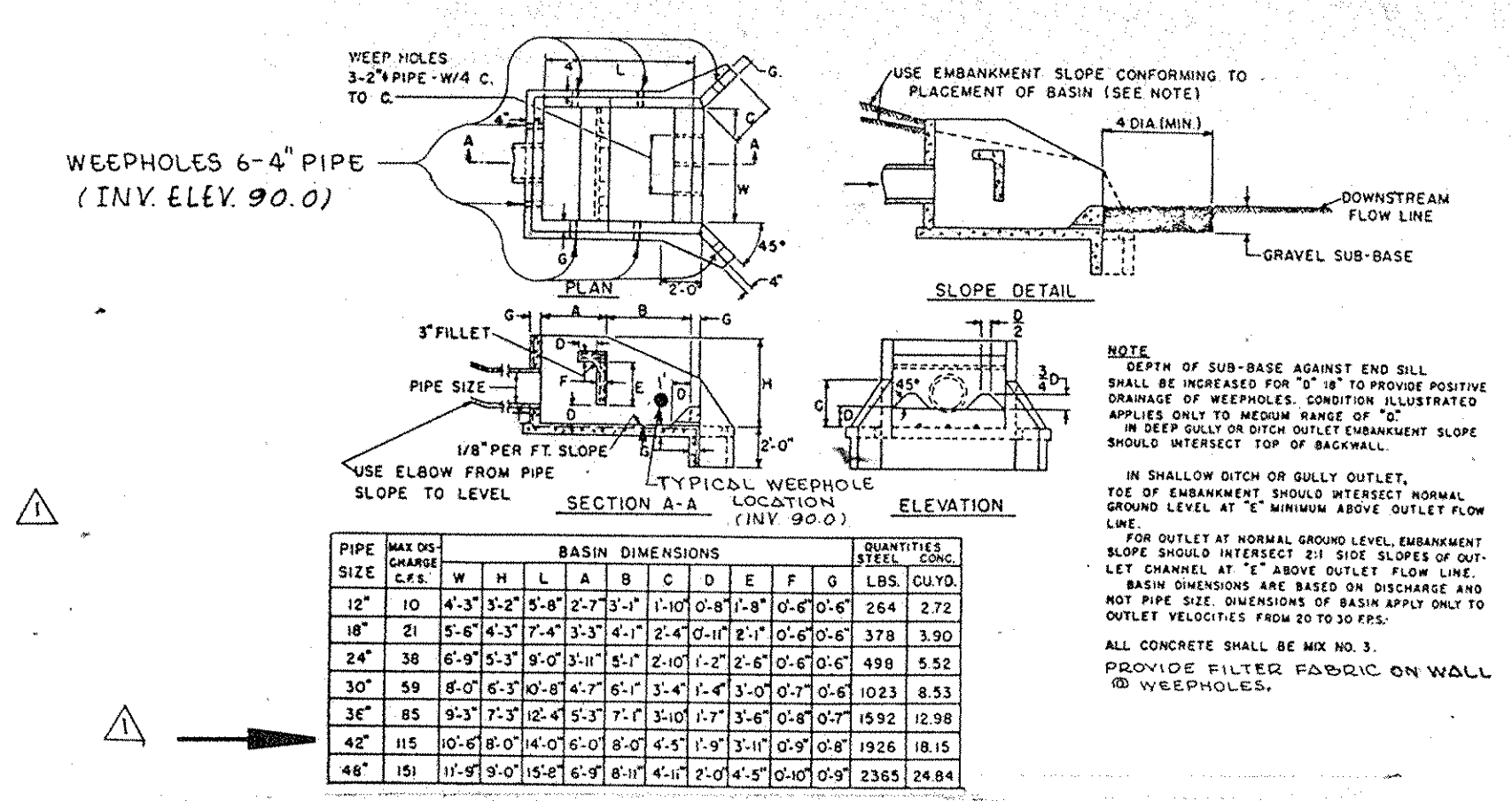
**ST-25**

Project No. 3368

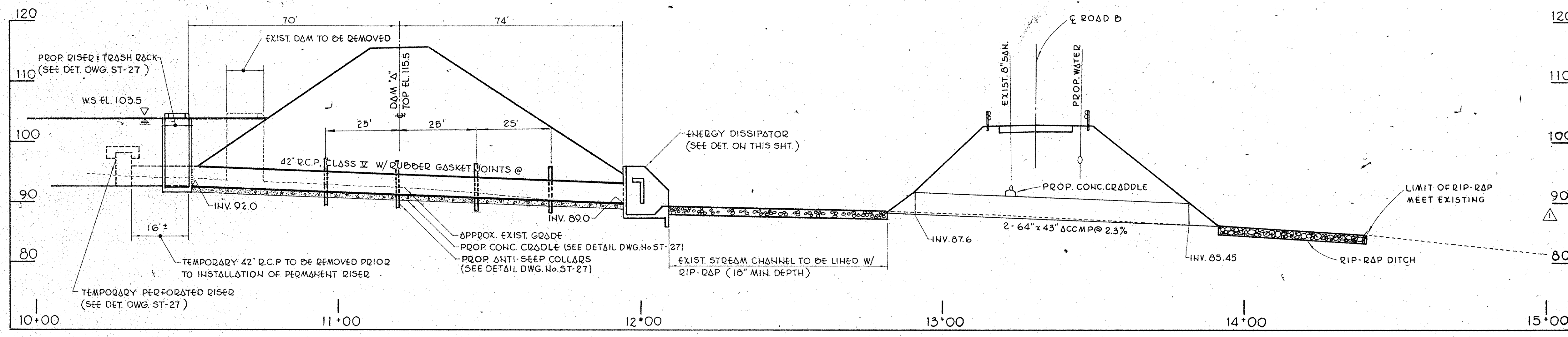
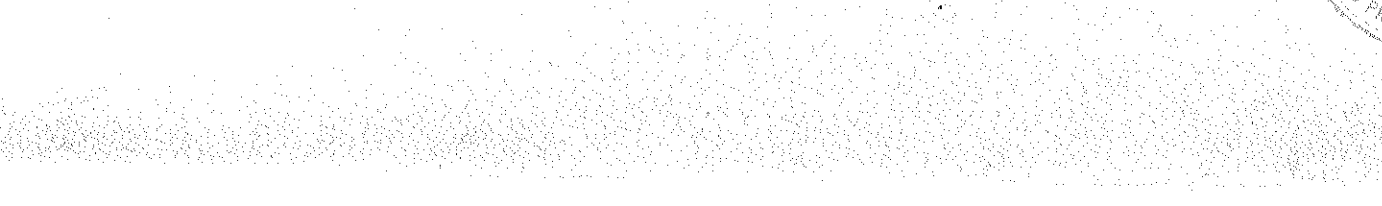
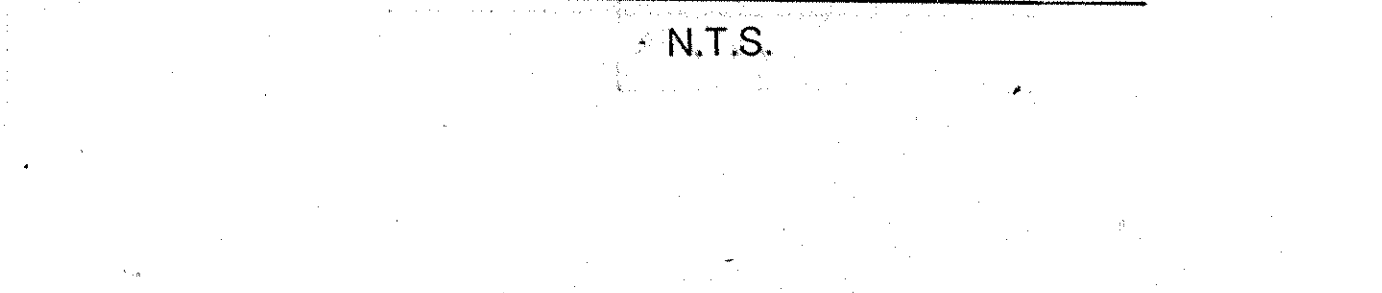
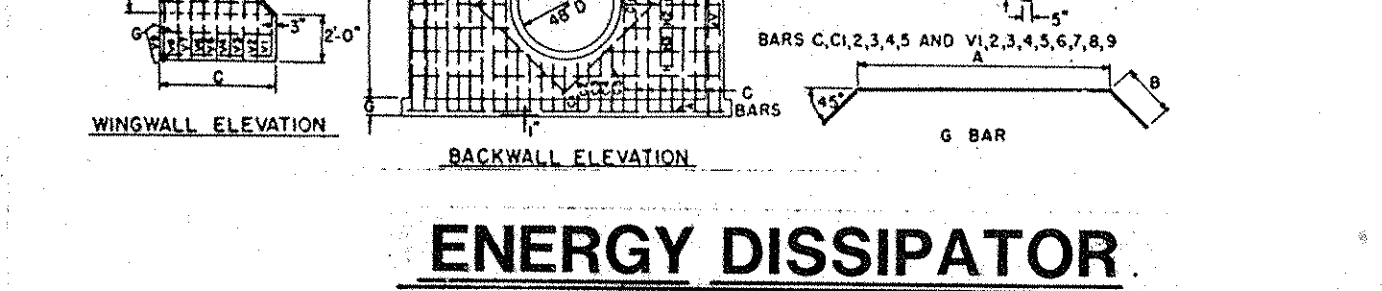
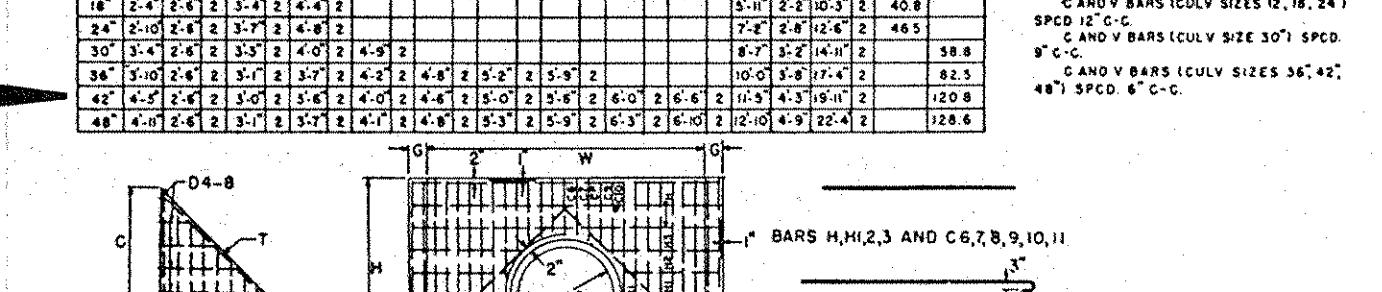
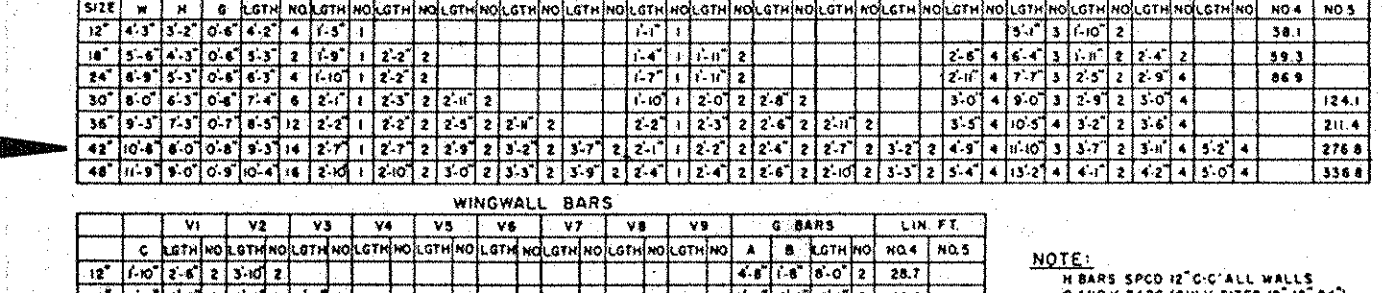
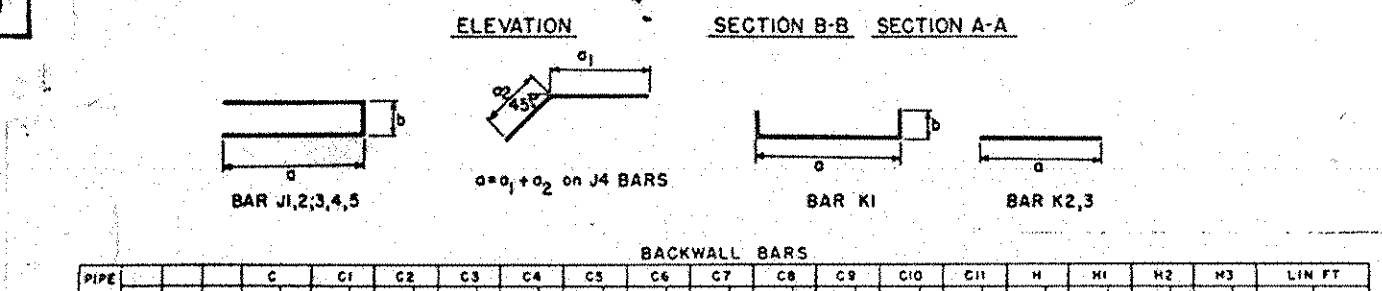
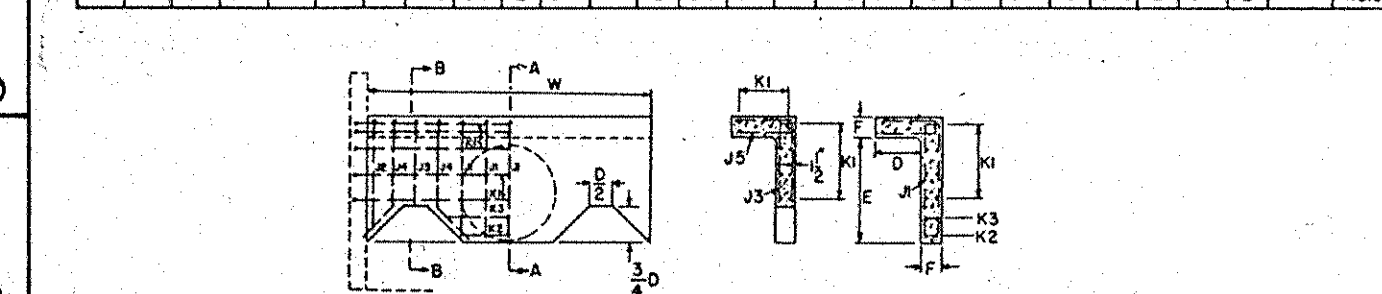
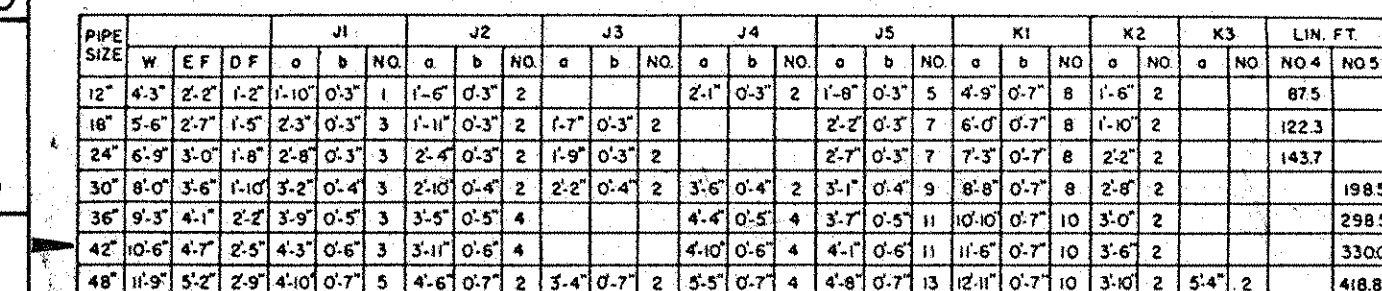
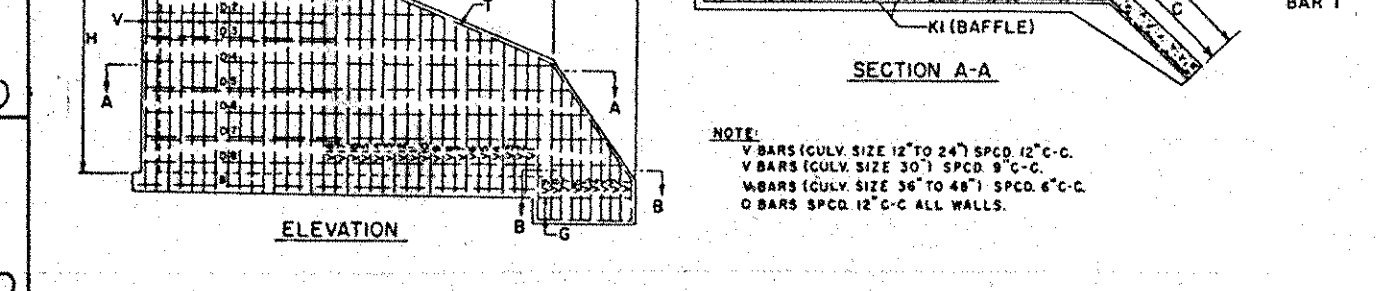
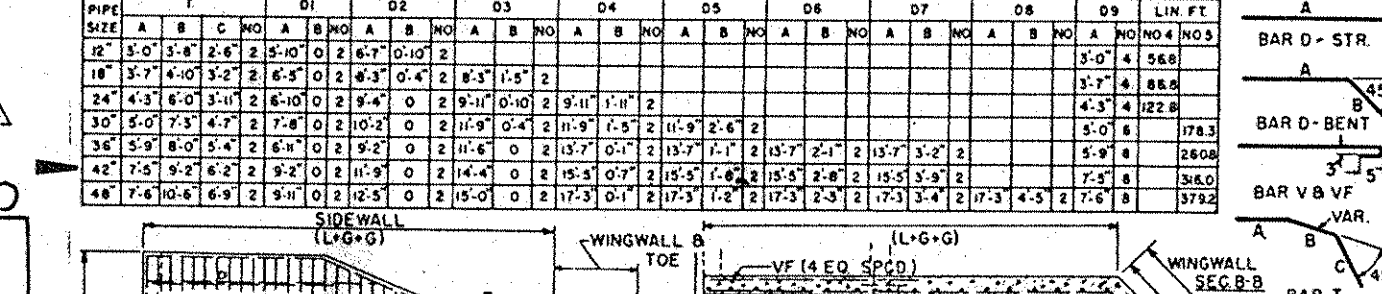
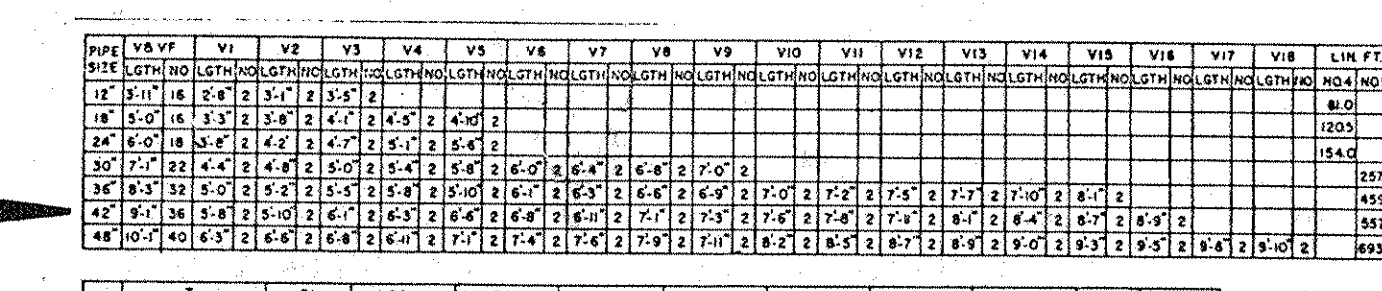




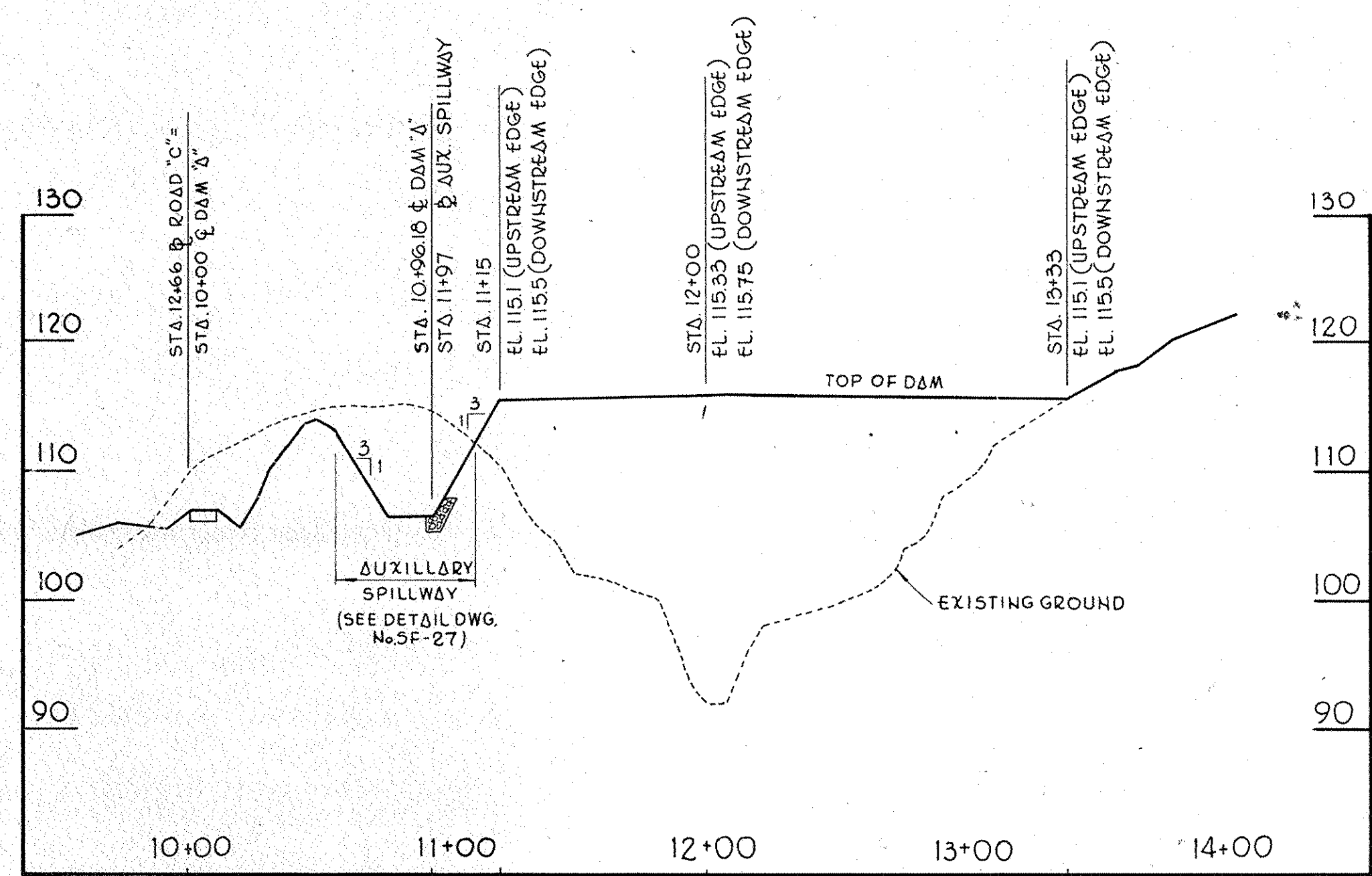
POND 'A' - TYPICAL CROSS-SECTION



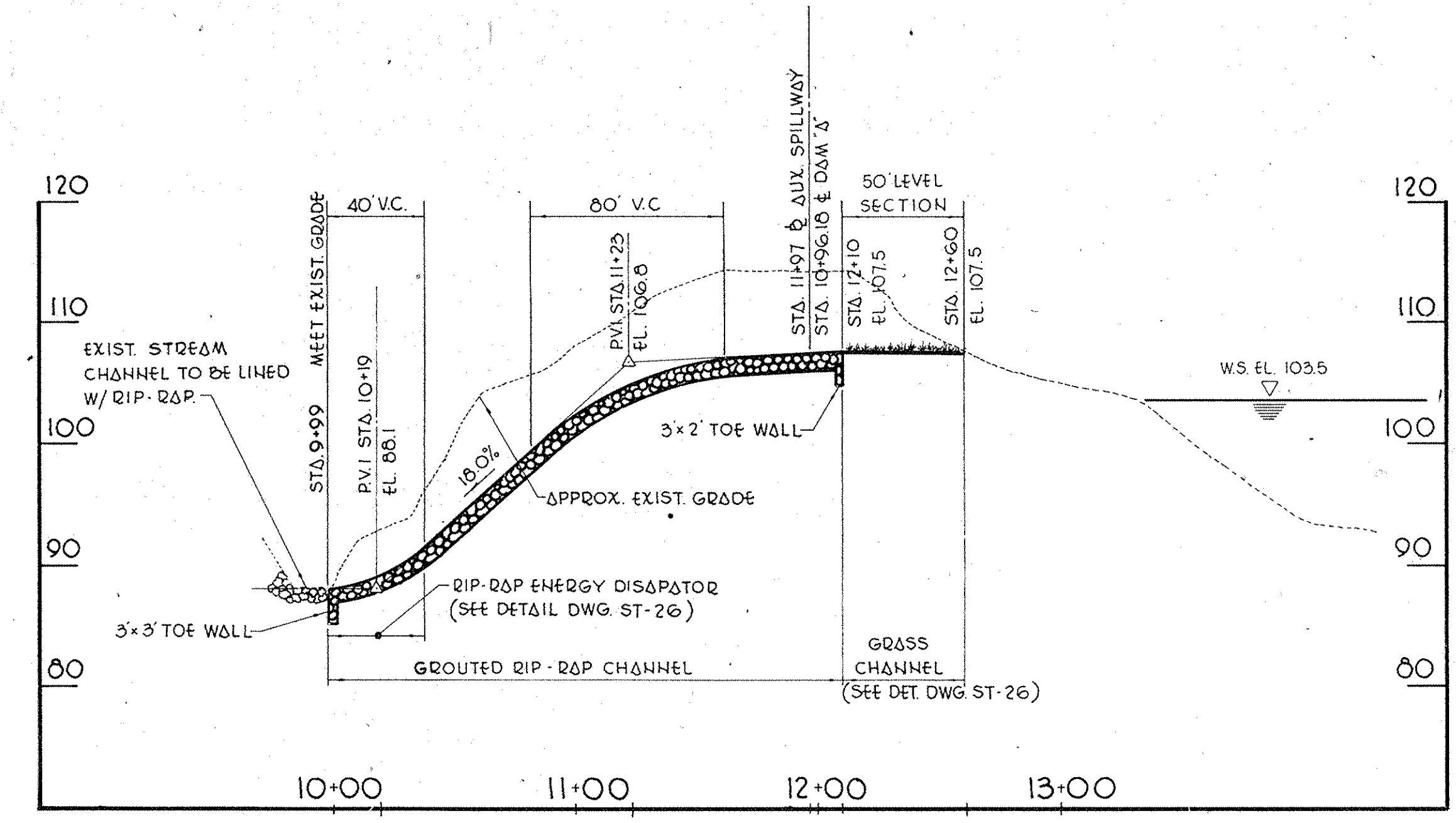
PIPE SIZE	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	LINE FT
12"	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	12.0
18"	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	18.0
24"	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24.0
30"	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	30.0
36"	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	36.0
42"	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	42.0
48"	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	48.0



STREAM & PROFILE  
SCALE: HORIZ. 1"=20'  
VERT. 1"=10'



PROFILE ALONG & OF DAM "A"  
SCALE: HORIZ. 1"=50'  
VERT. 1"=10'



AUXILIARY SPILLWAY PROFILE  
SCALE: HORIZ. 1"=50'  
VERT. 1"=10'

**ENERGY DISSIPATOR**  
N.T.S.

Revision No.	Description	Approved	Date
1	APPENDUM NO. 3		3/10/86
2	APPENDUM NO. 1		9/12/85

Customer Executive Education Center  
Palisades, New York

Mitchell Garofalo Architects  
170 West 57th Street  
New York, New York 10019

Several Persons Registered State  
Structural Engineers

Shyka & Hennessy, Inc.  
Mechanical & Electrical Engineers

**RAYMOND KEYES ENGINEERS, P.C.**  
SITE ENGINEERS

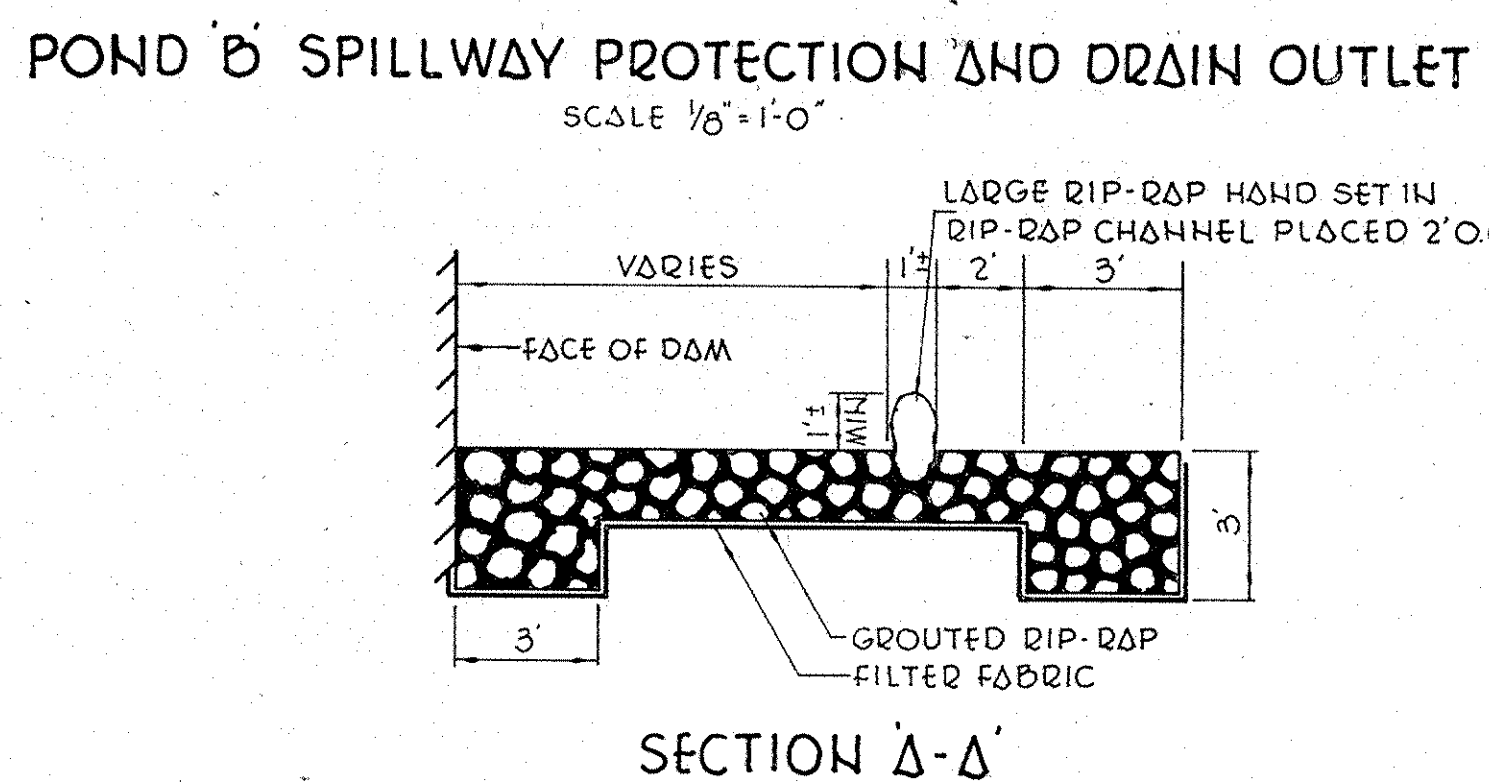
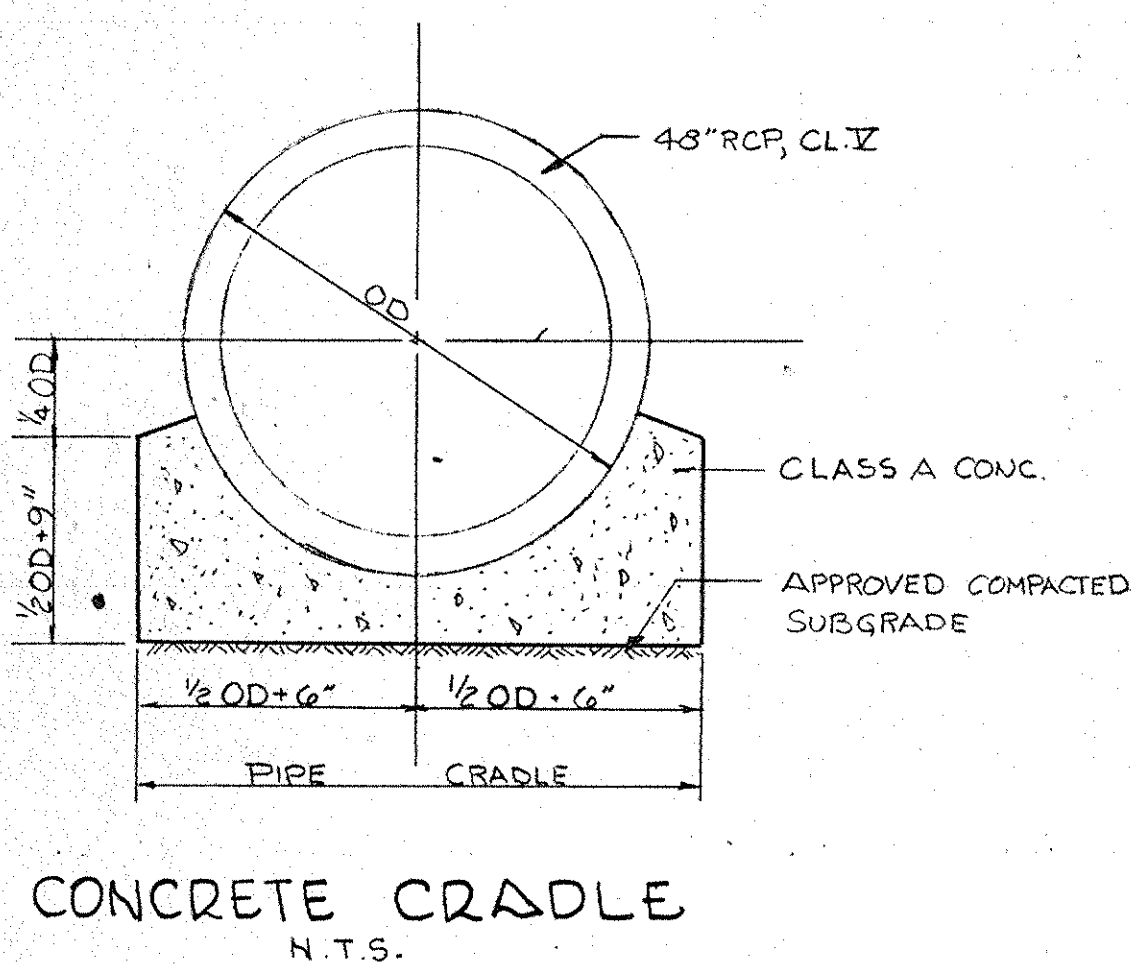
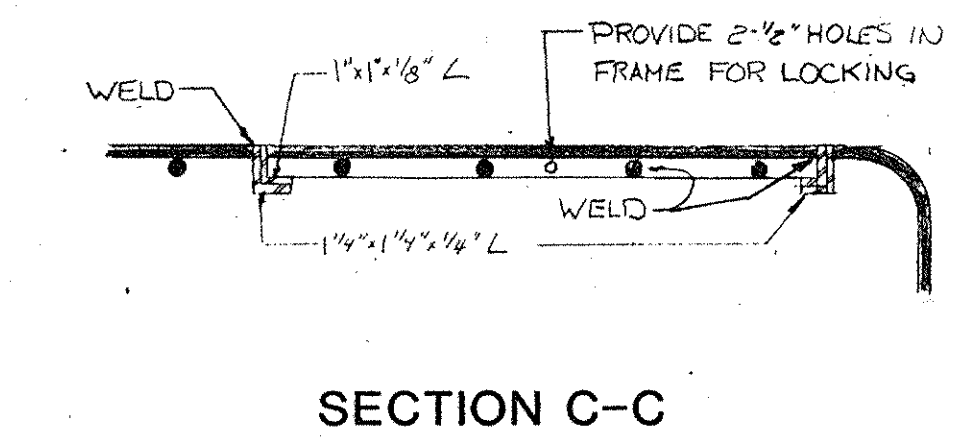
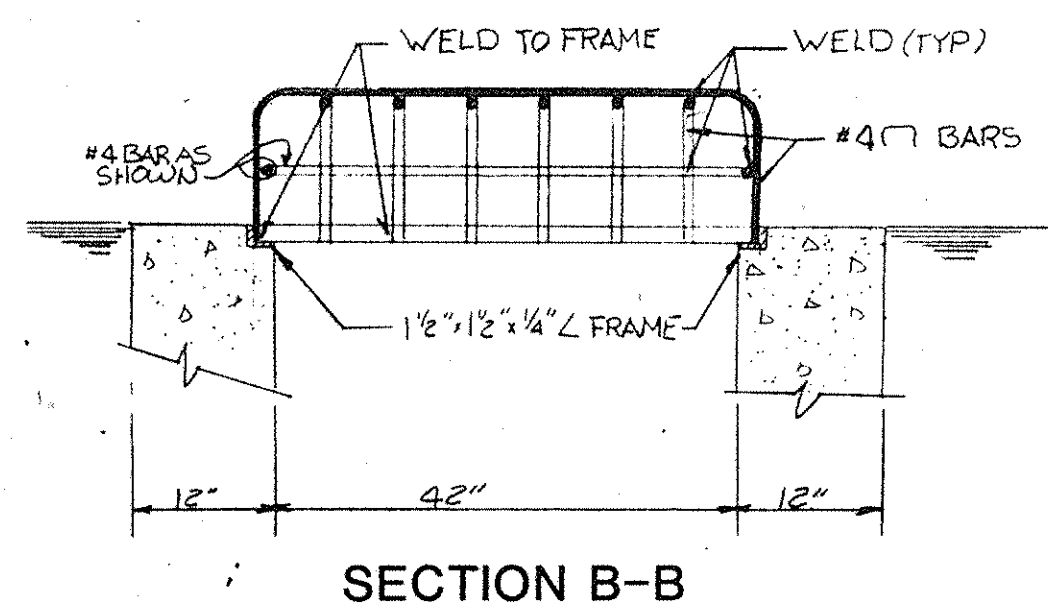
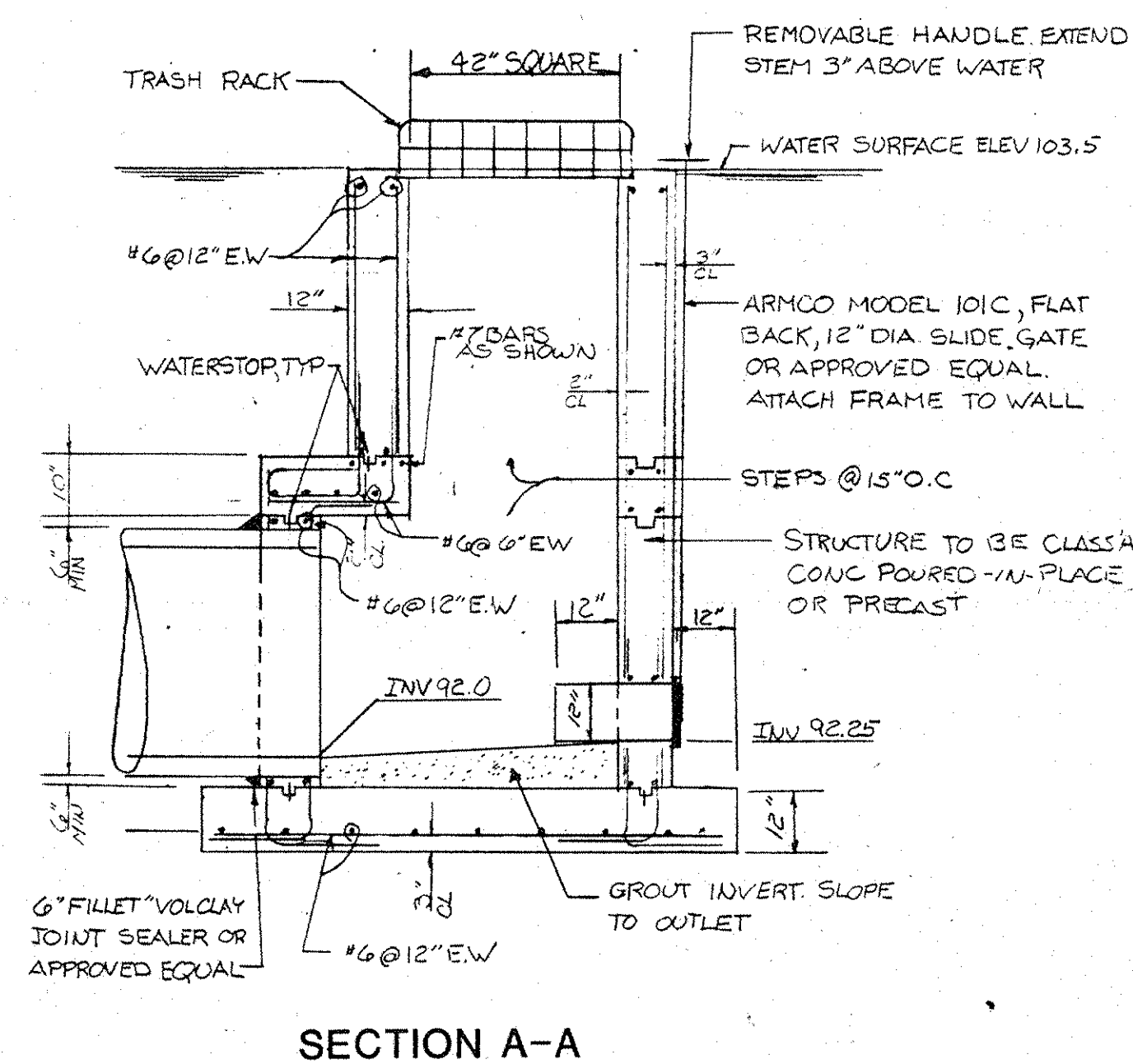
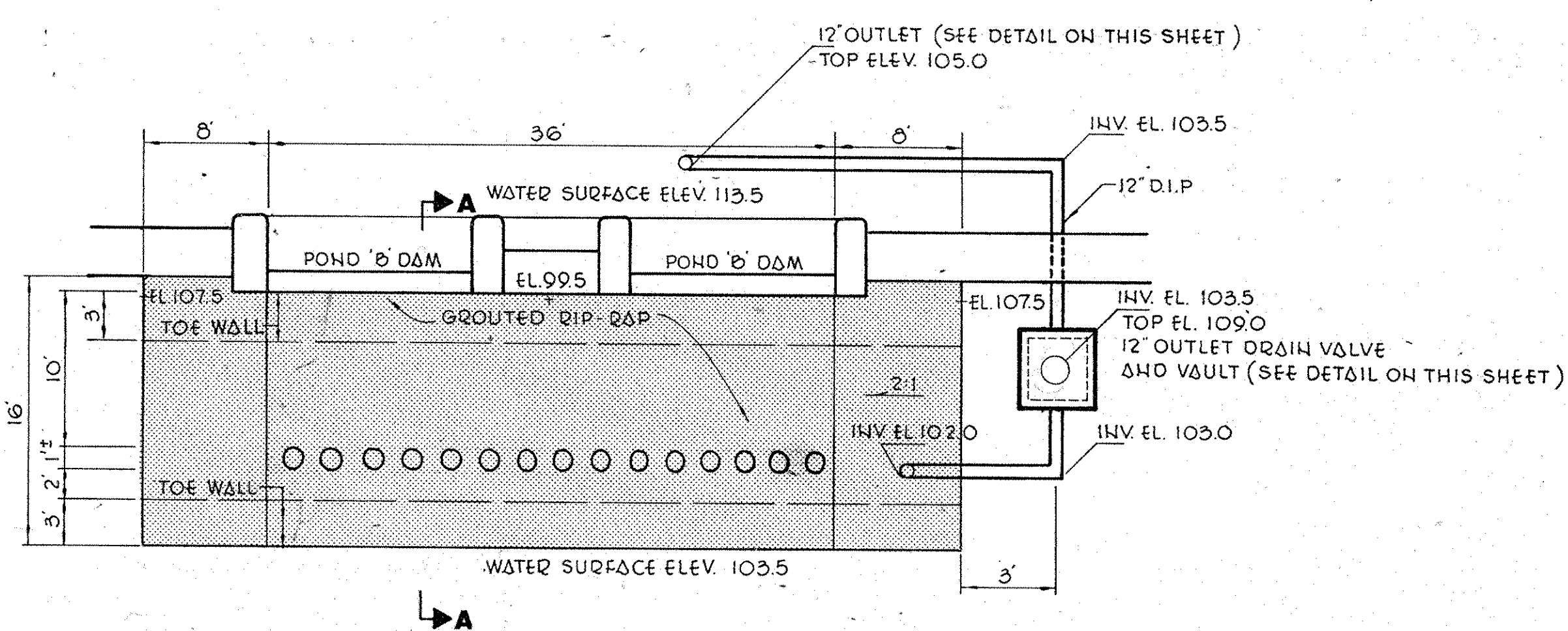
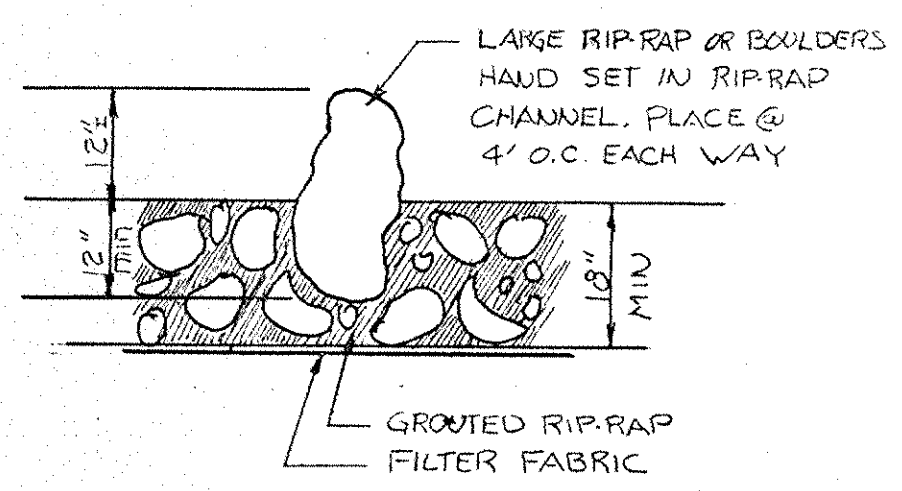
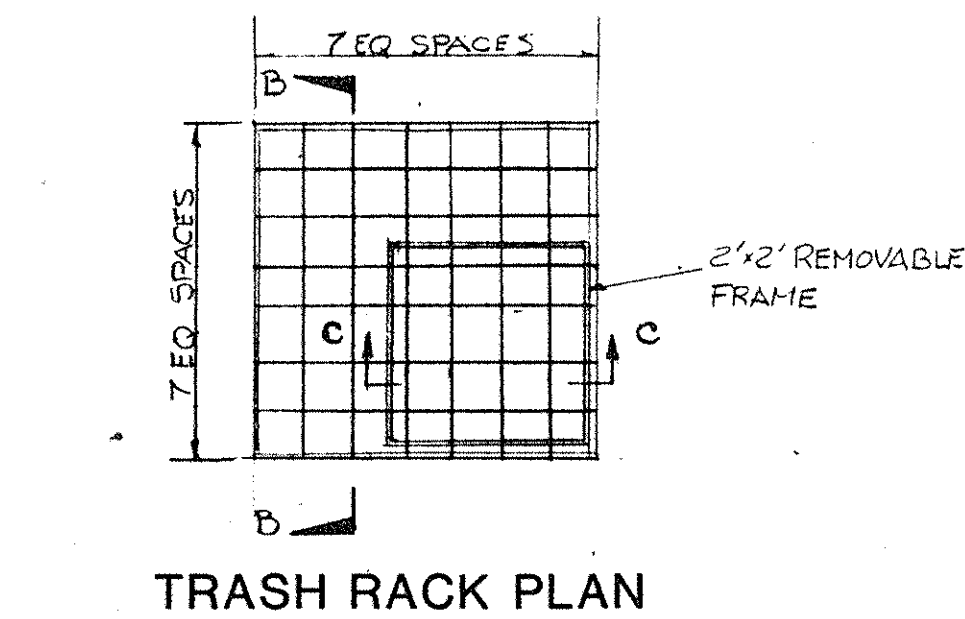
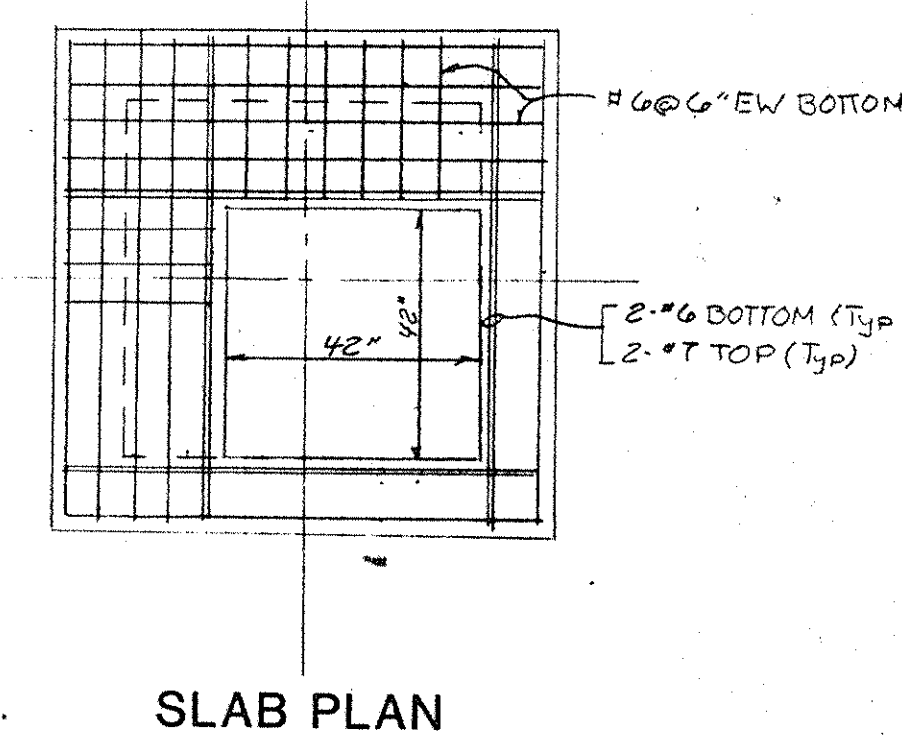
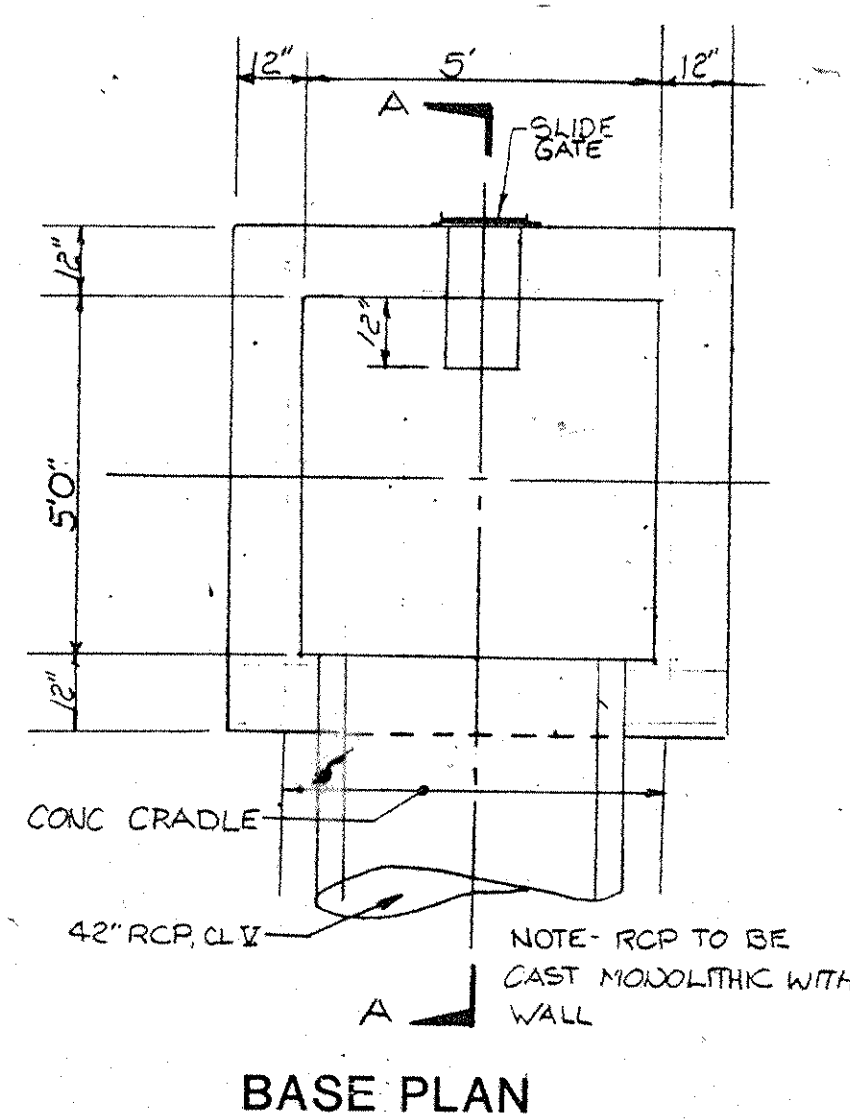
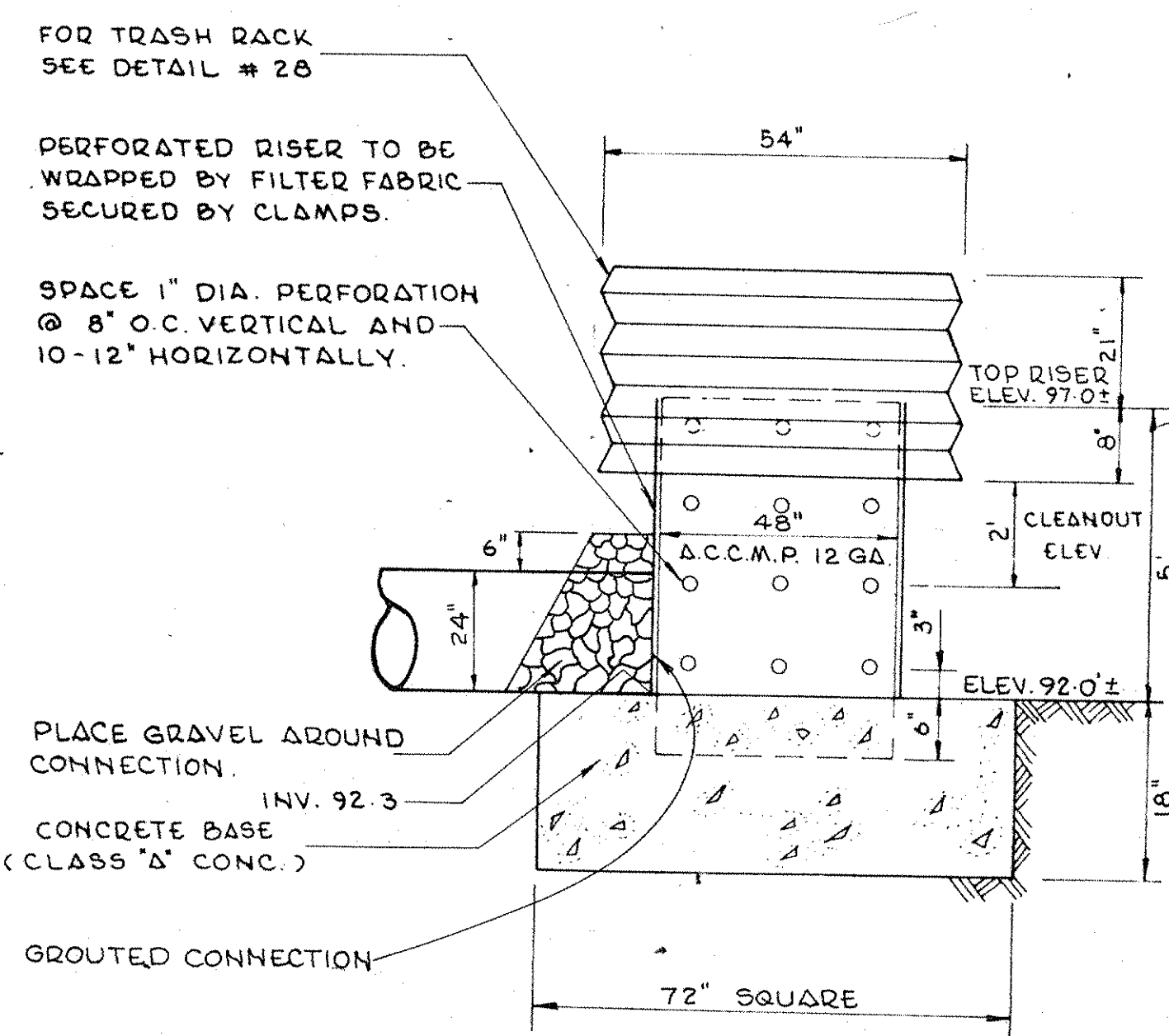
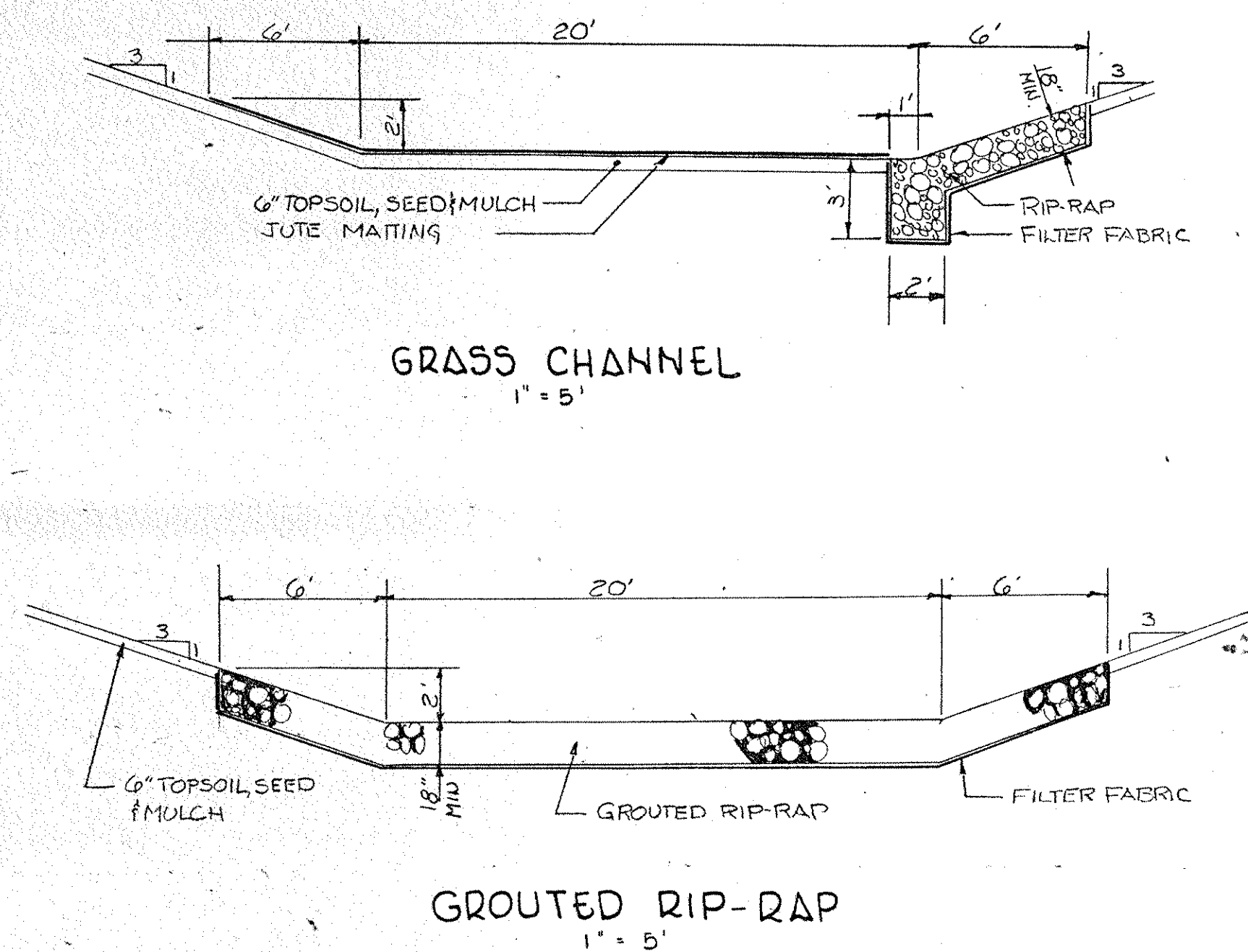


**POND "A" DETAILS**  
Status: BID PACKAGE  
Date: 8/23/85

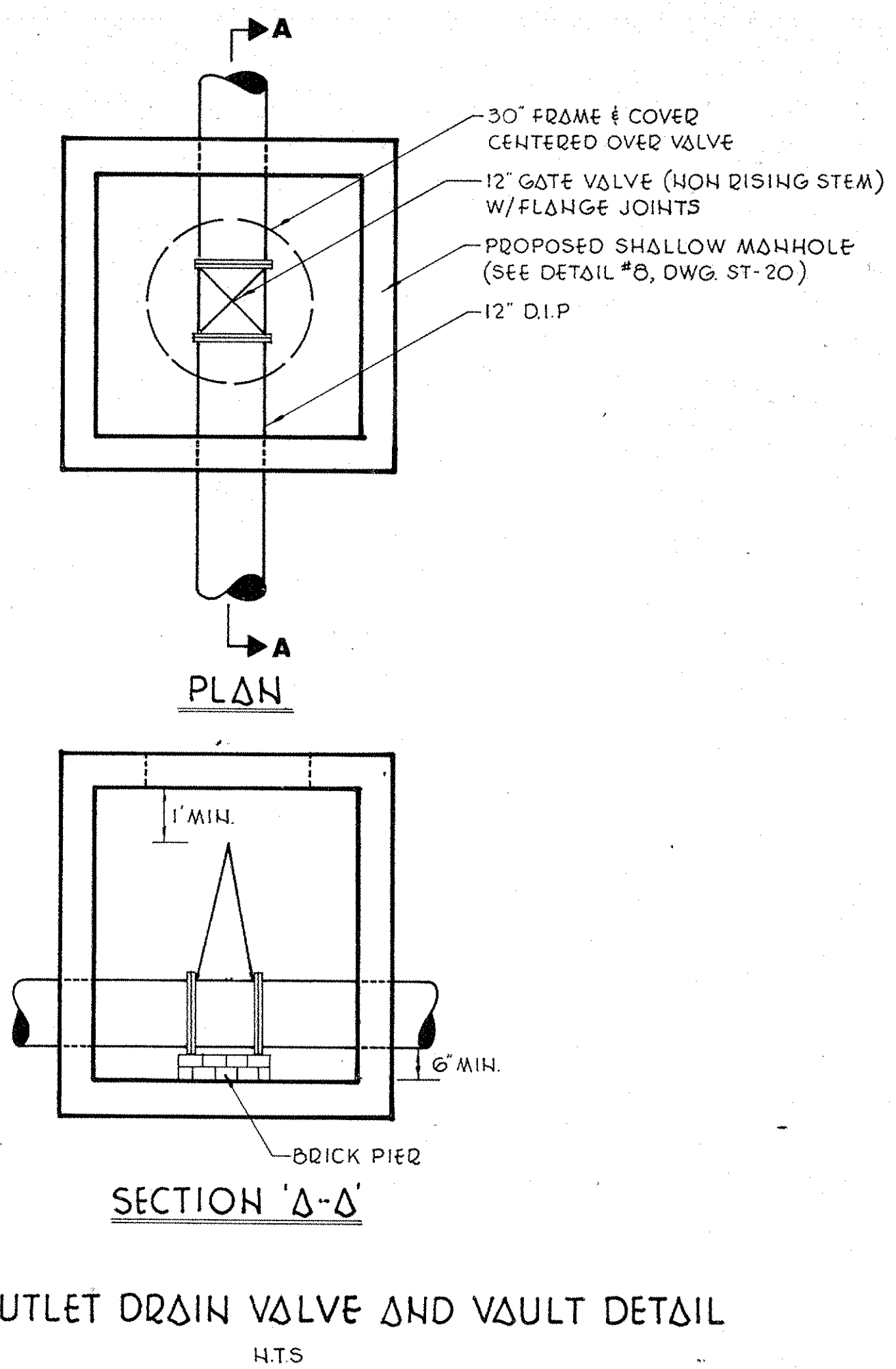
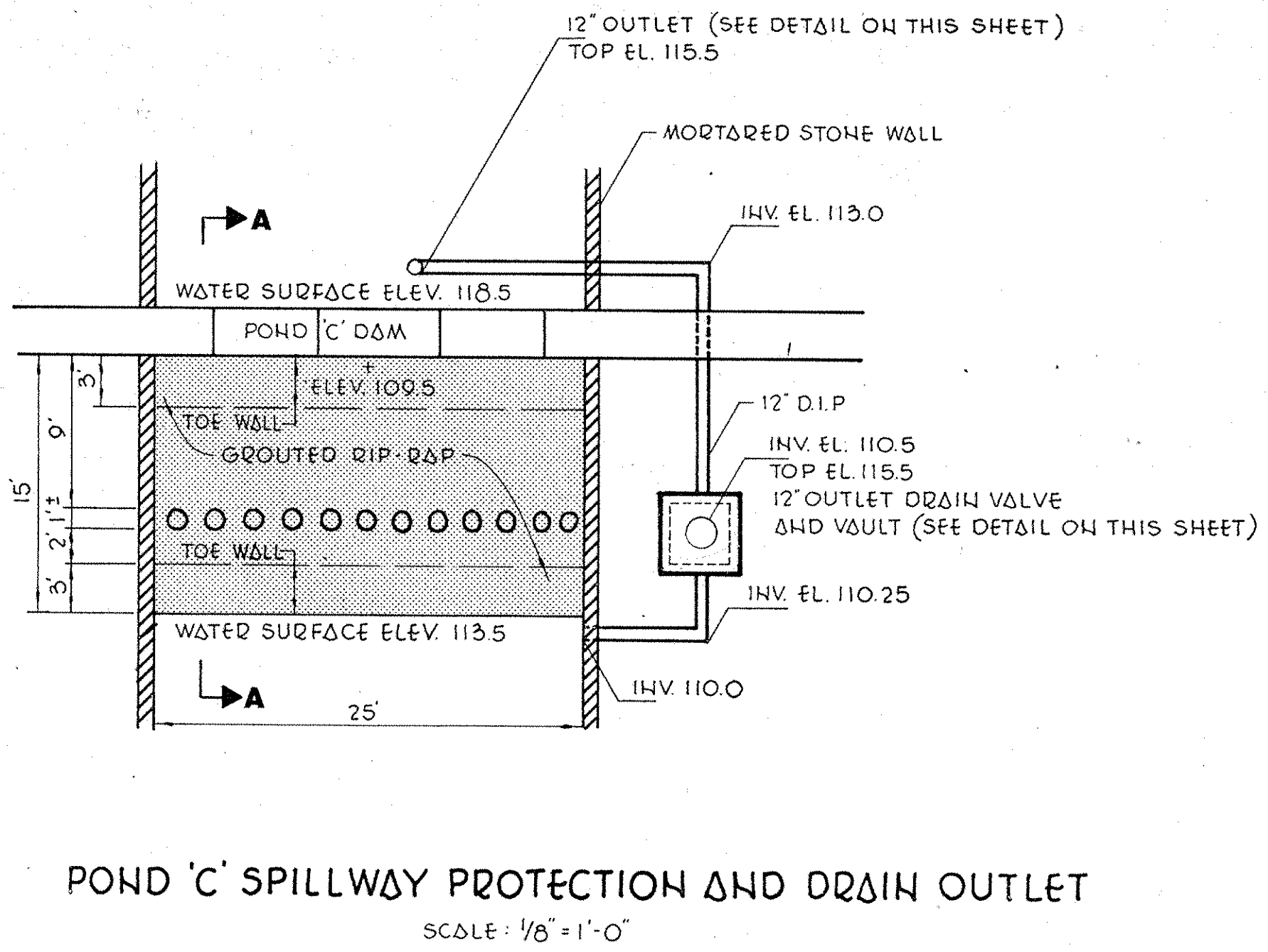
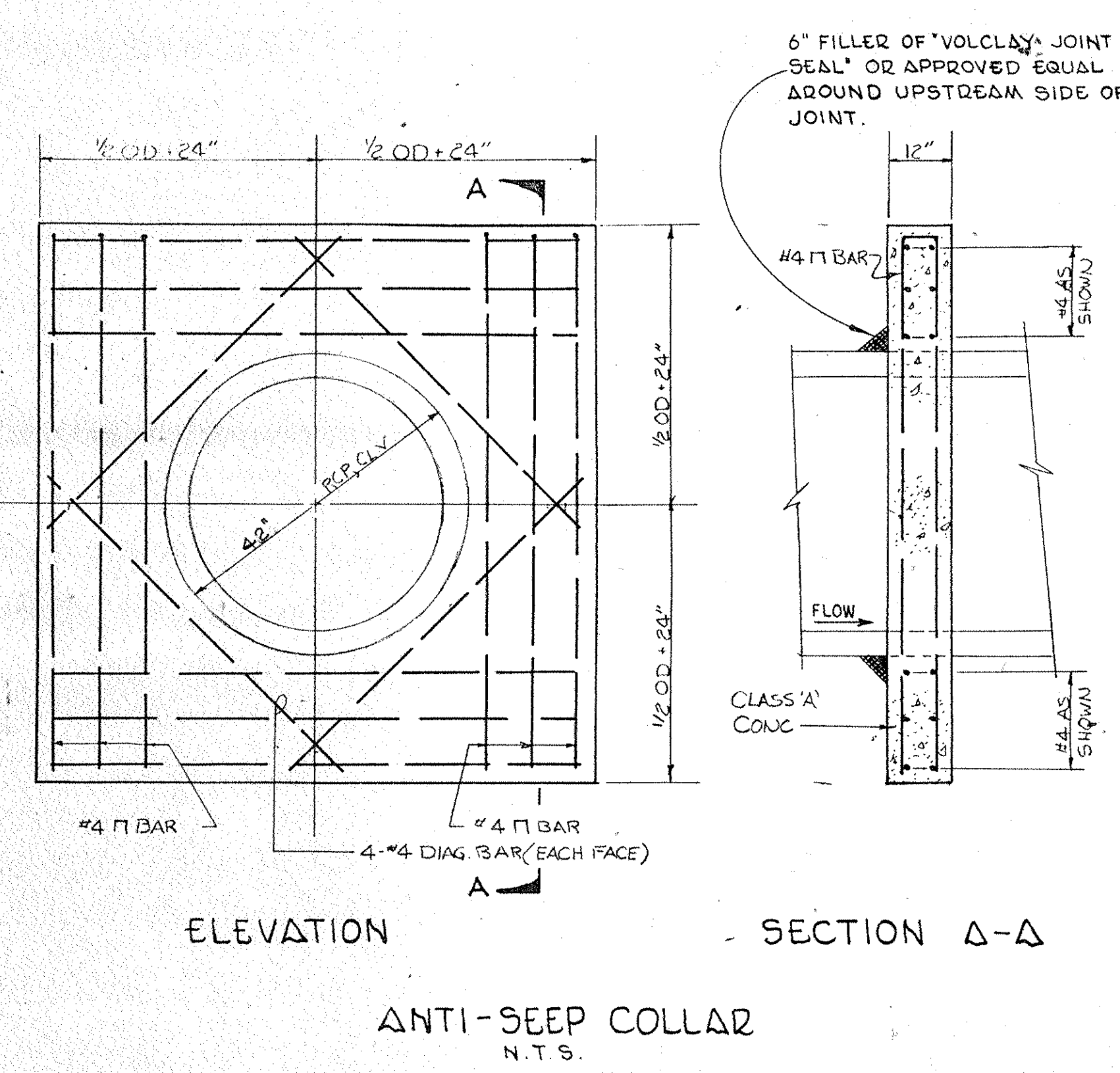
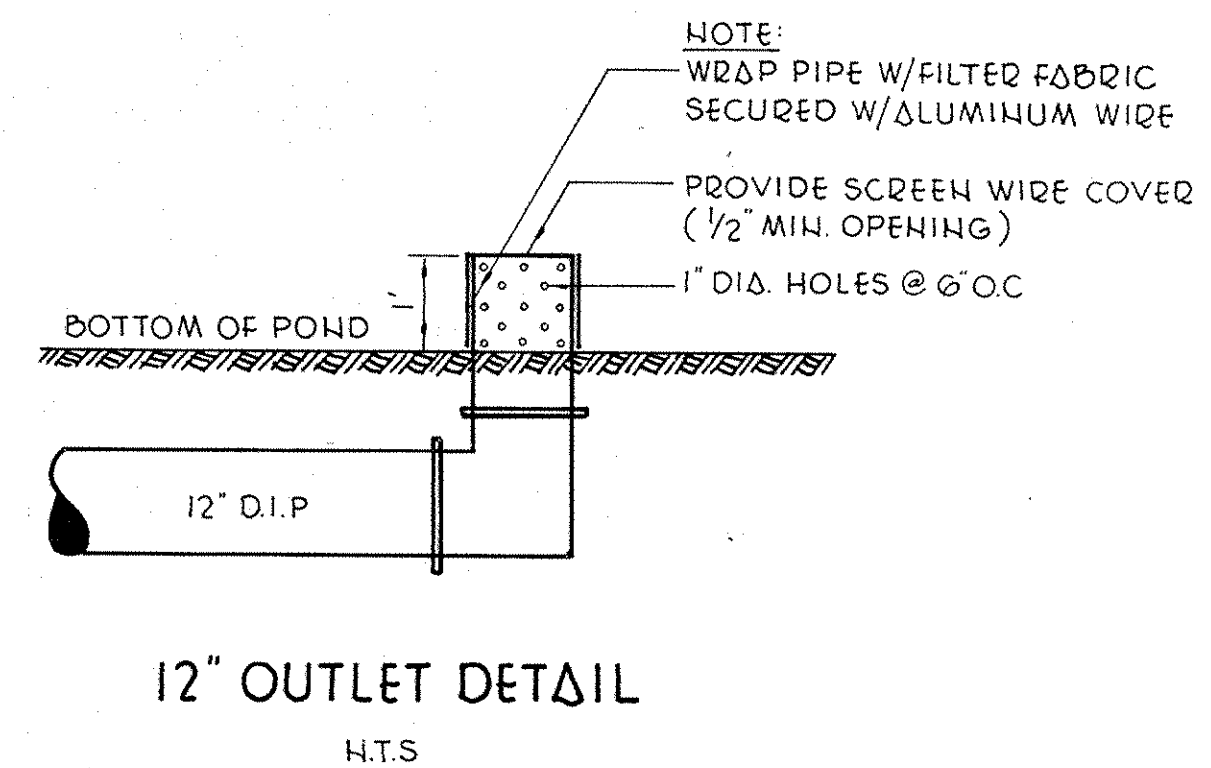
Title: AS SHOWN  
Scale:  
Drawn: S.L.G.  
Approved: O.A.K.

Page No. 3368





**DAM "A" RISER DETAIL**



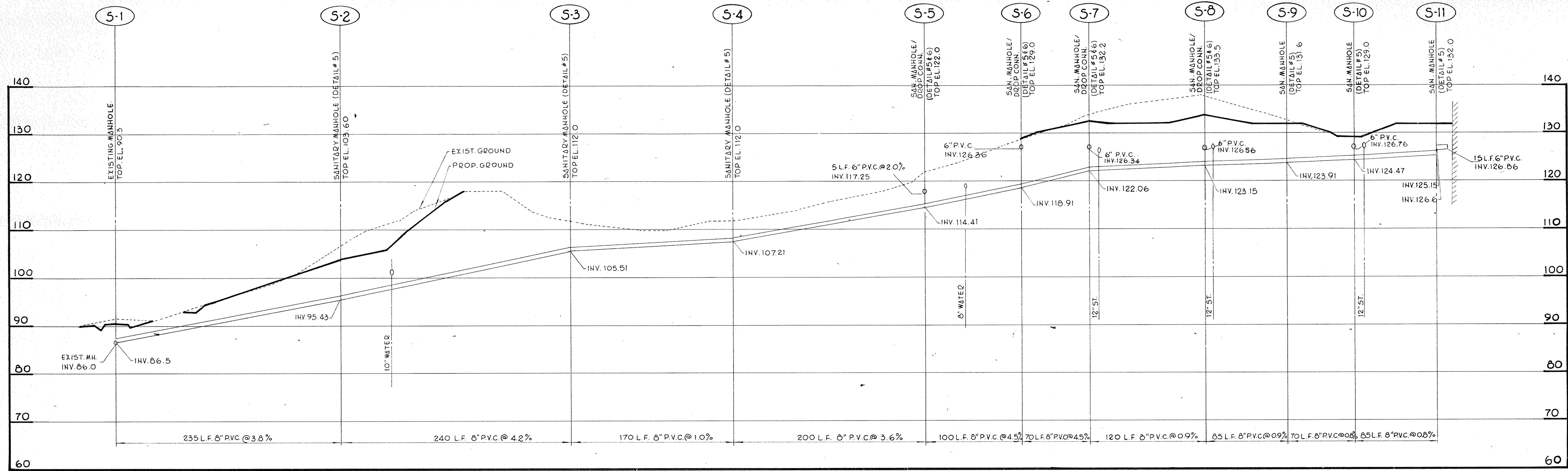
Revision No.	Description	Approved	Date
APPENDUM NO. 3			3/10/86
APPENDUM NO. 1			9/12/85

Customer Executive Education Center  
Palisades, New York  
Mitchell Garanga Architects  
170 West 97th Street  
New York, New York 10025  
Severud Perrone Sargady Sturm  
Structural Engineers  
Syska & Hennessy, Inc.  
Mechanical & Electrical Engineers  
**RAYMOND KEYES ENGINEERS, P.C.**  
SITE ENGINEERS

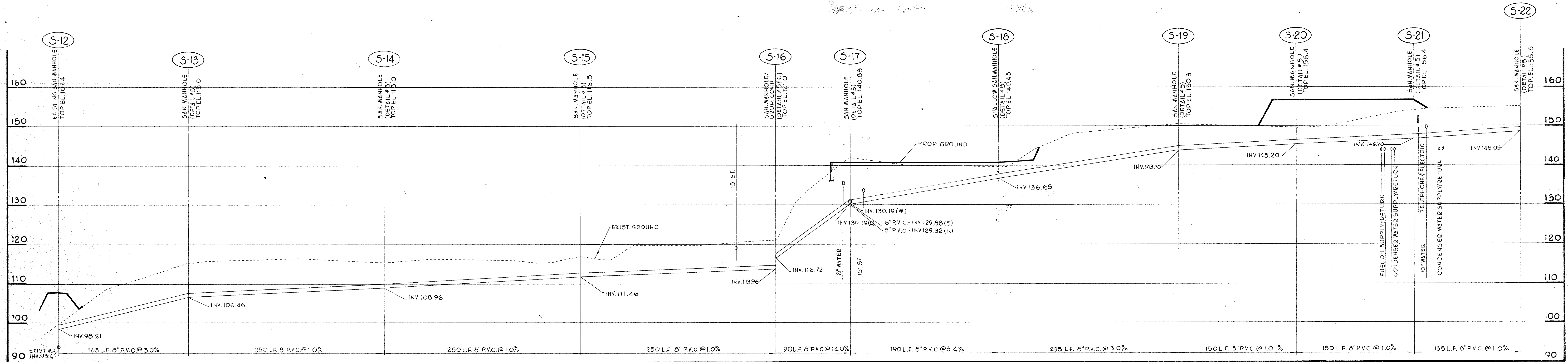


**POND DETAILS**  
Status: **BID PACKAGE**  
Scale: **AS SHOWN**  
Drawn: **H.G.P.**  
Approved: **O.A.K.**  
Date: **9/12/85**  
Project No: **3368**

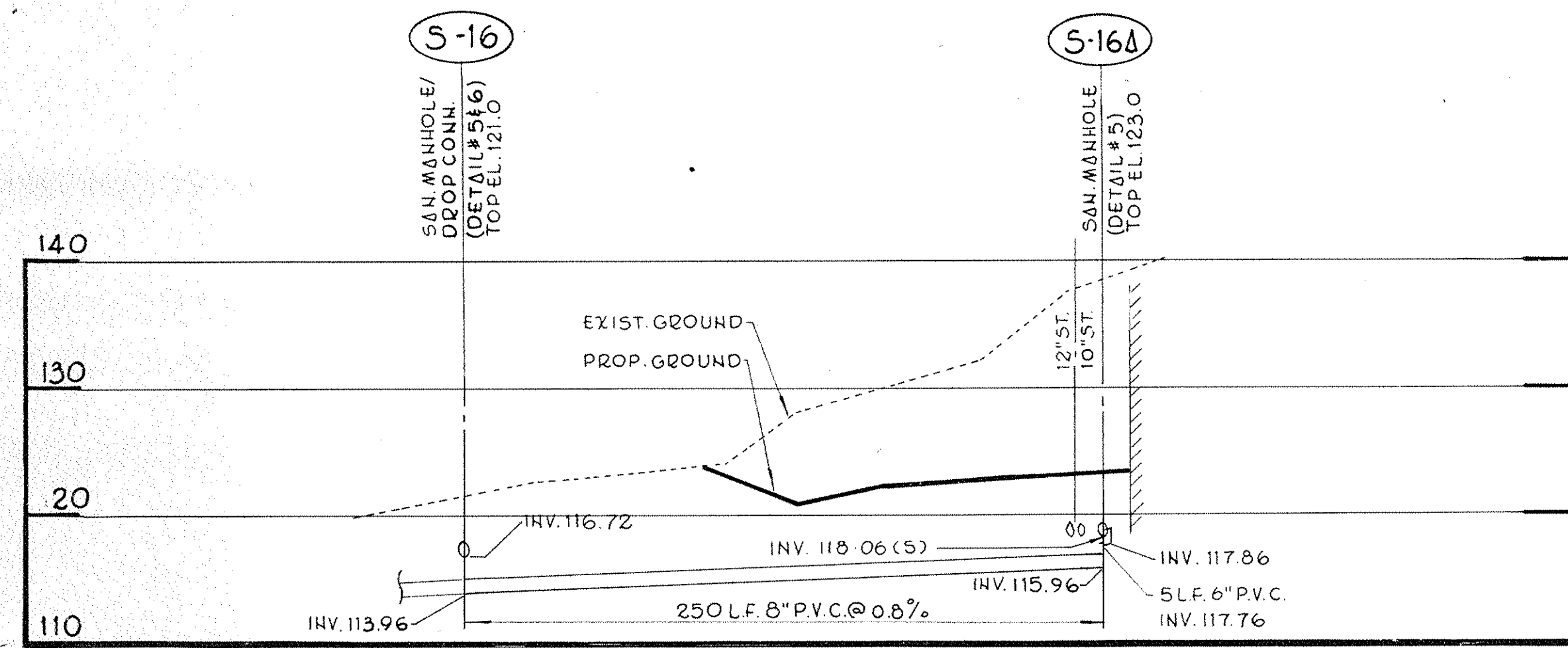




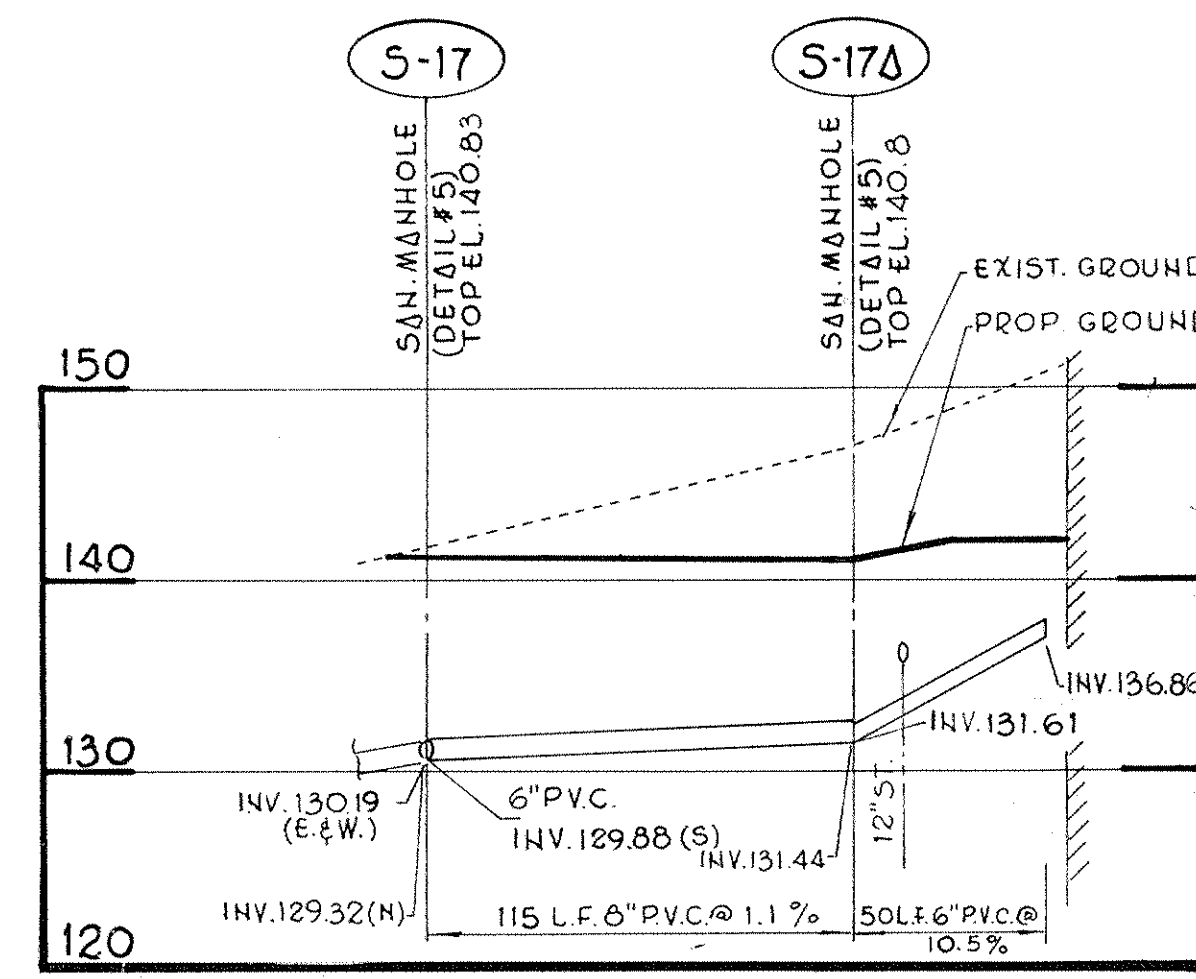
SANITARY SEWER PROFILE S-1 TO S-11



SANITARY SEWER PROFILE S-12 TO S-22



SANITARY SEWER PROFILE S-16 TO S-16A



SANITARY SEWER PROFILE S-17 TO S-17A

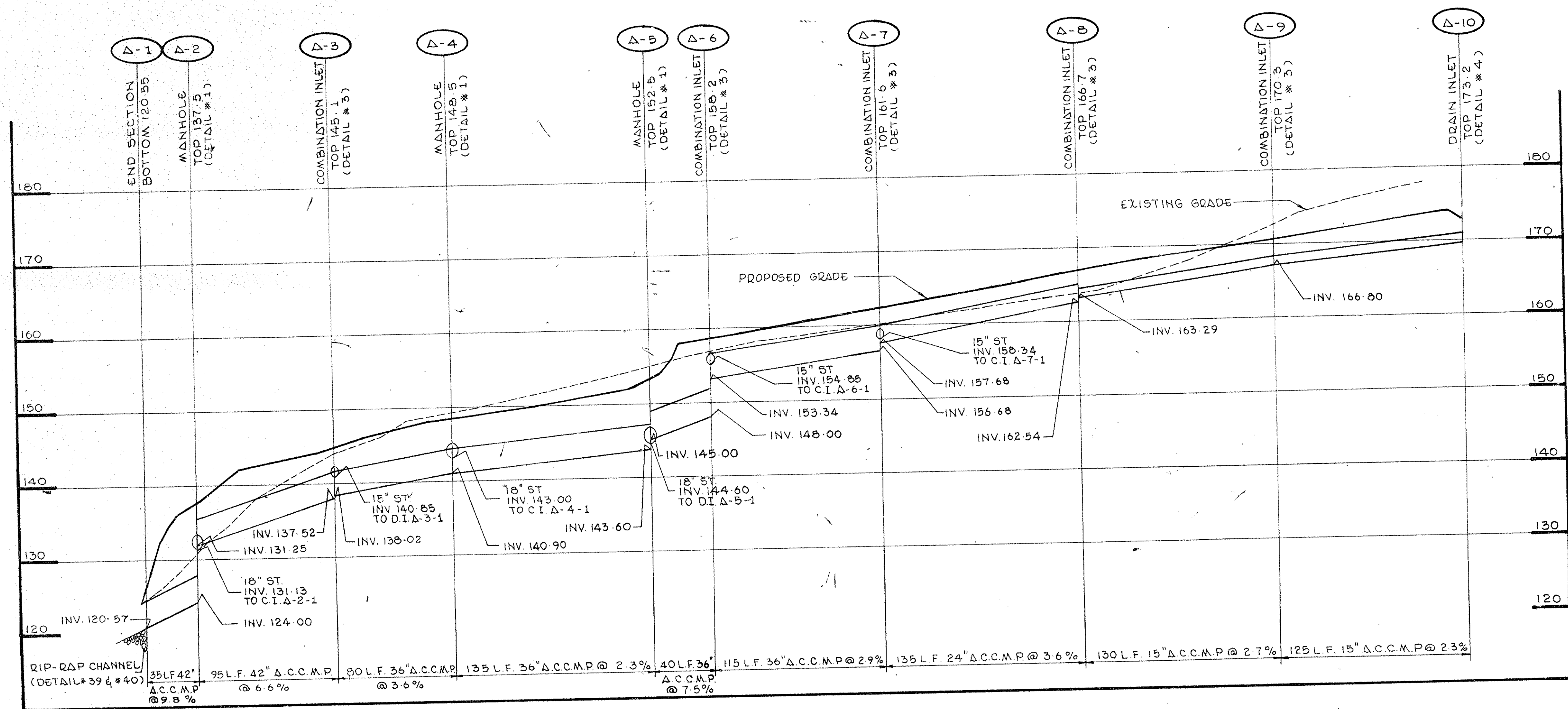
Revision No.	Description	Approved	Date
ADDENDUM NO 3			3/10/86



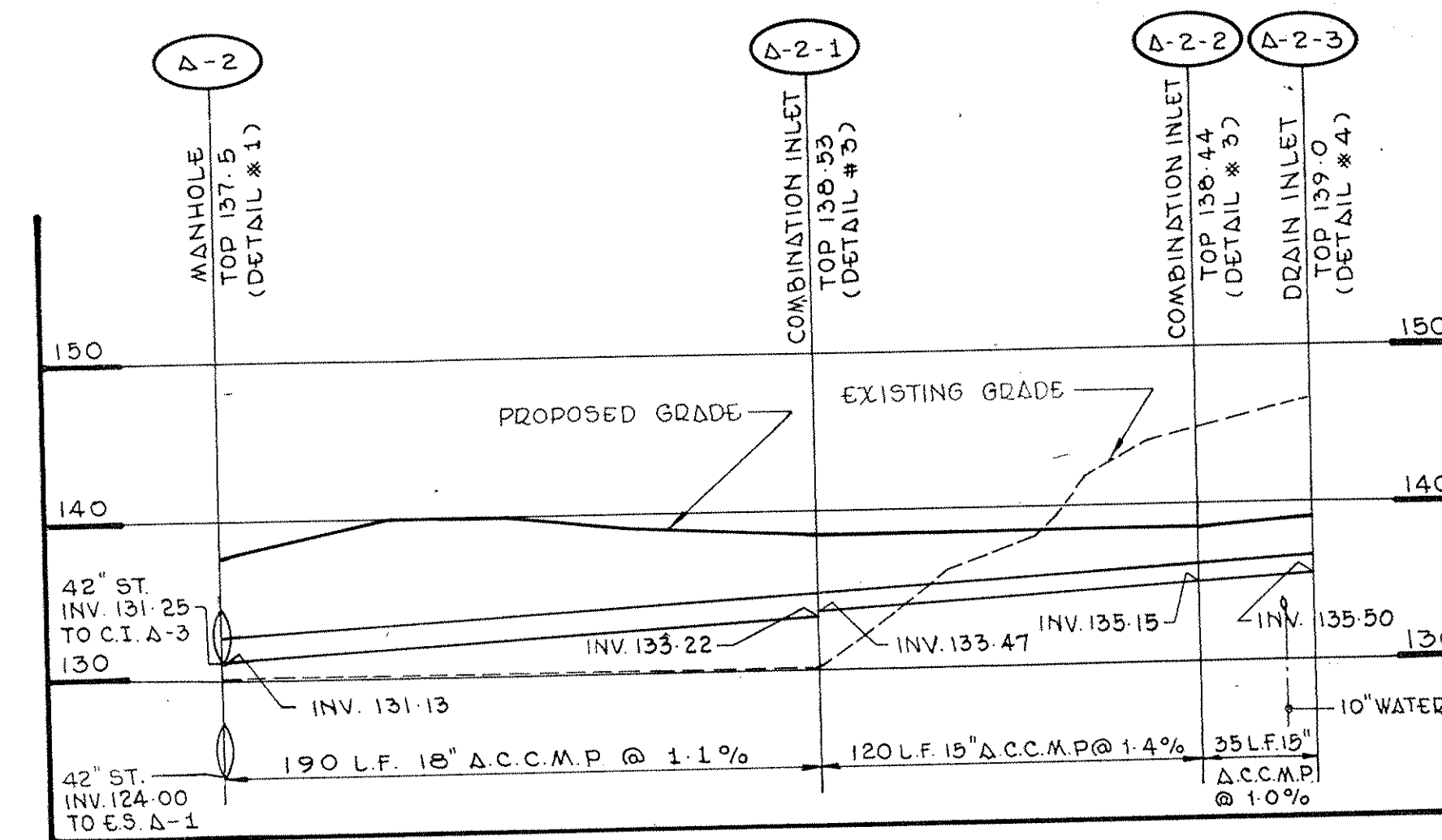
**Customer Executive Education Center**  
 Palisades, New York  
 Mitchell/Giripola Architects  
 120 West 97th Street  
 New York, New York 10025  
 General Partner: Siegeny Sturm  
 Structural Engineers  
 Syska & Hennessy, Inc.  
 Mechanical & Electrical Engineers  
**RAYMOND KEYES ENGINEERS, P.C.**  
 SITE ENGINEERS

**SANITARY SEWER PROFILES**  
 Title: Status: **BID PACKAGE** Date: 10/28/85  
 Scale: **HORZ. 1"=50'**  
**VERT. 1"=10'**  
 Drawn: **A.S.M.**  
 Approved: **O.A.K.**  
**ST-28**  
 Project No. 3368

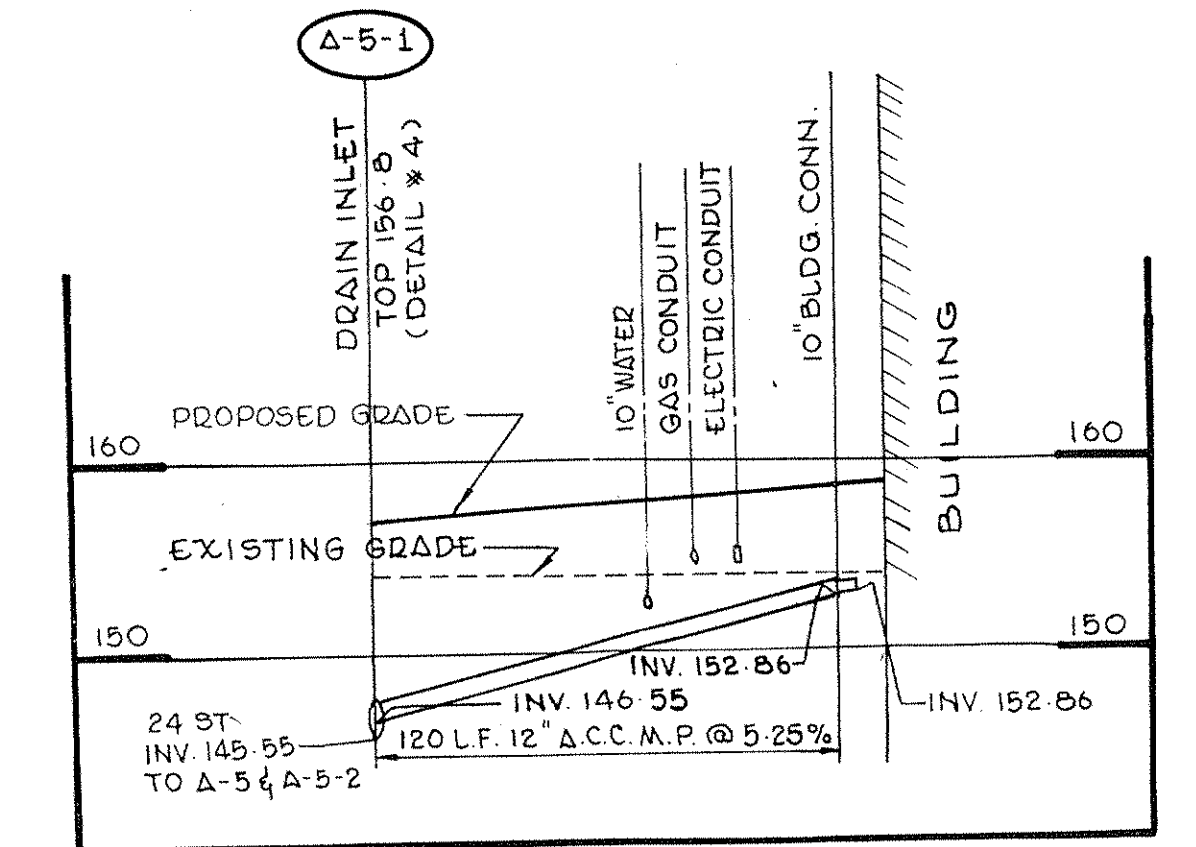




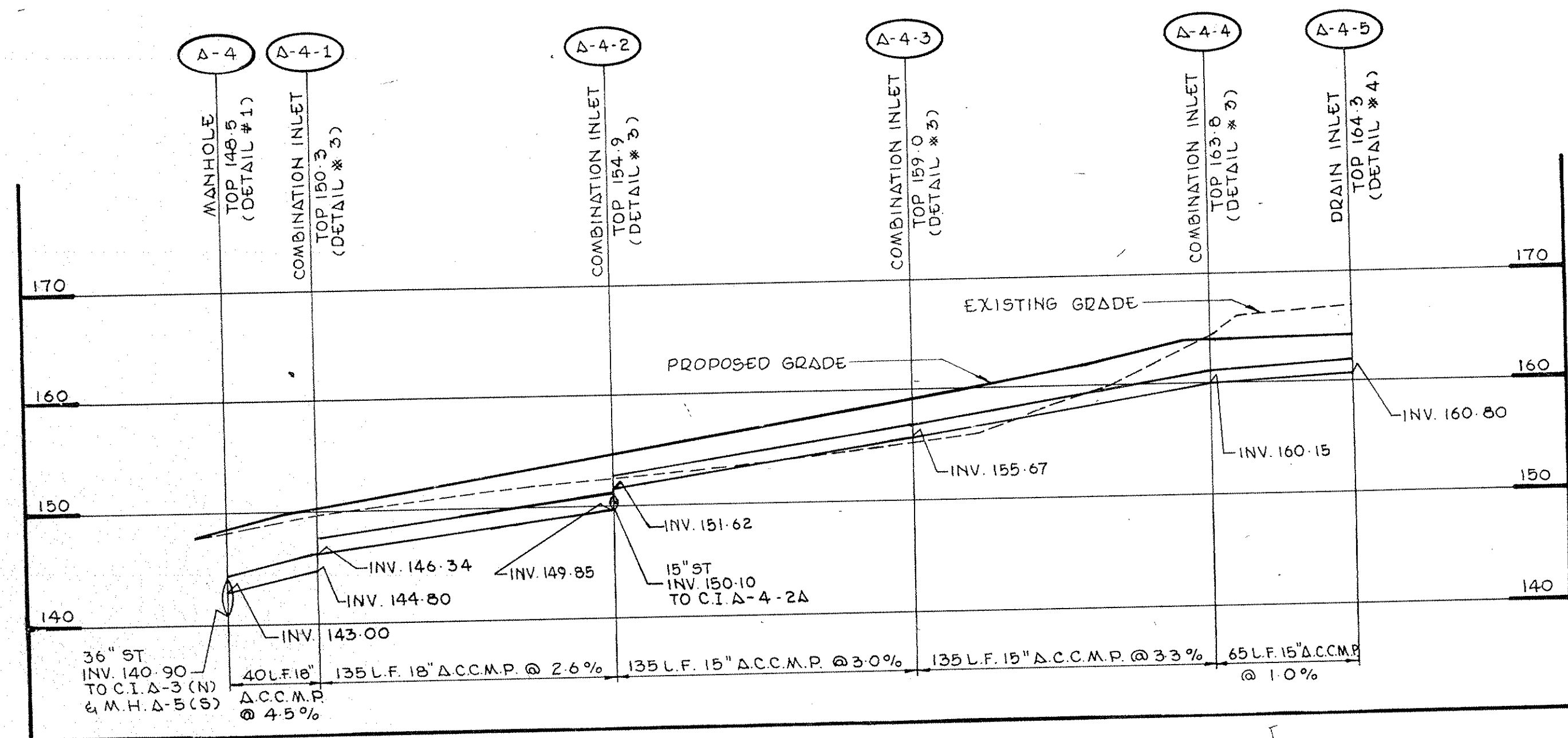
STORM PROFILE A-1 TO A-10



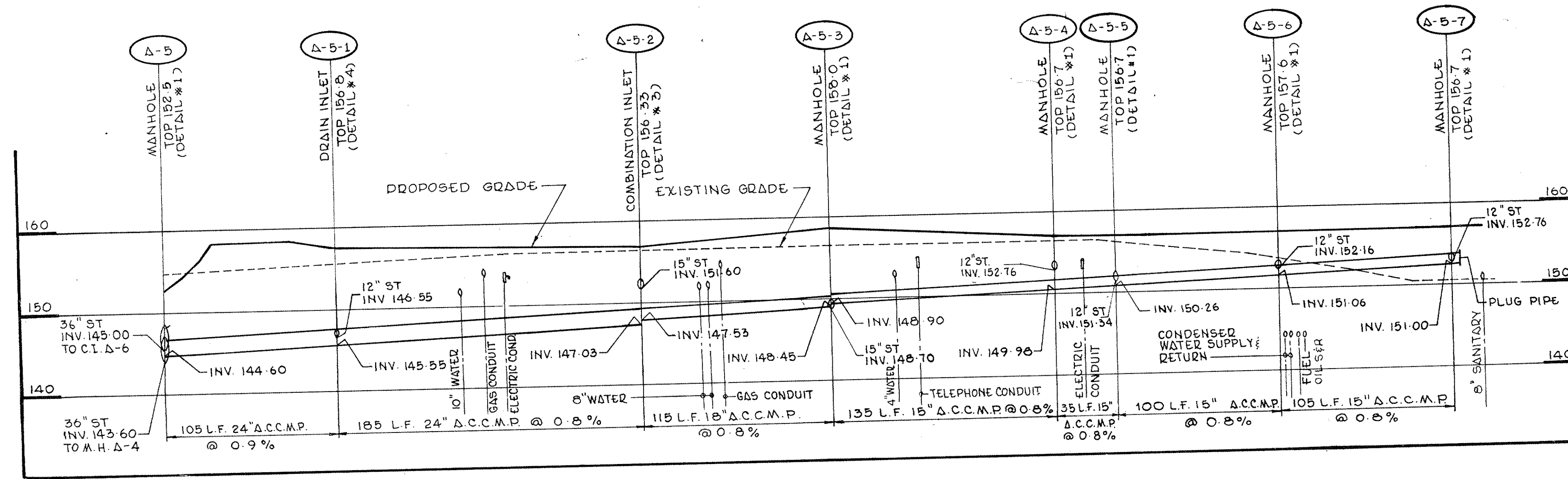
STORM PROFILE A-2 TO A-2-3



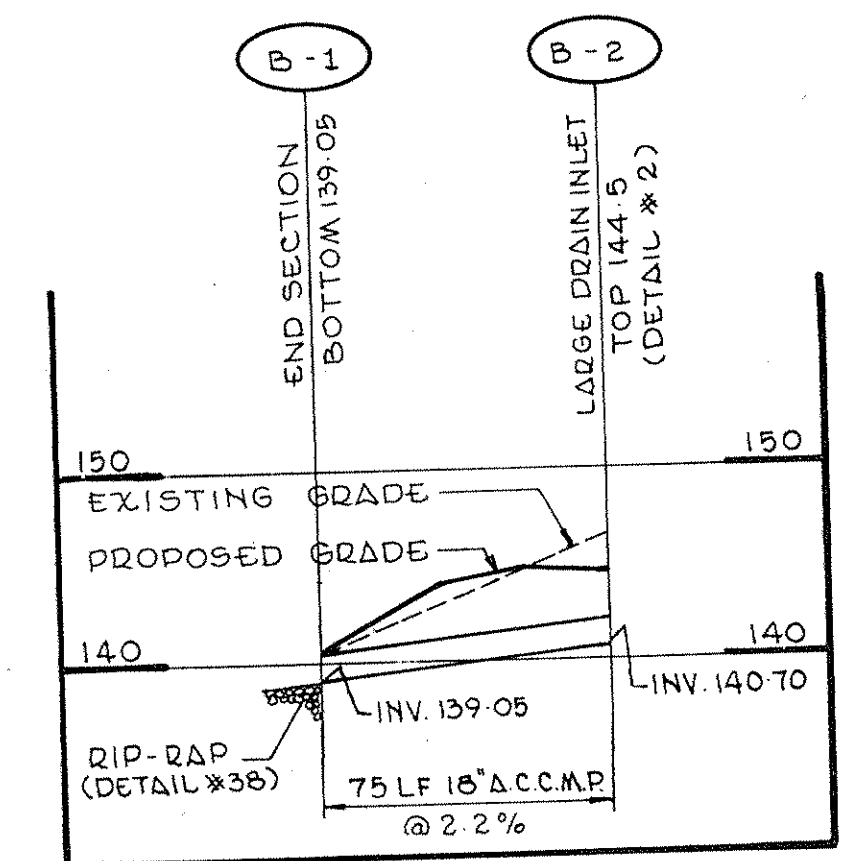
STORM PROFILE A-5-1 TO BLDG. CONN.



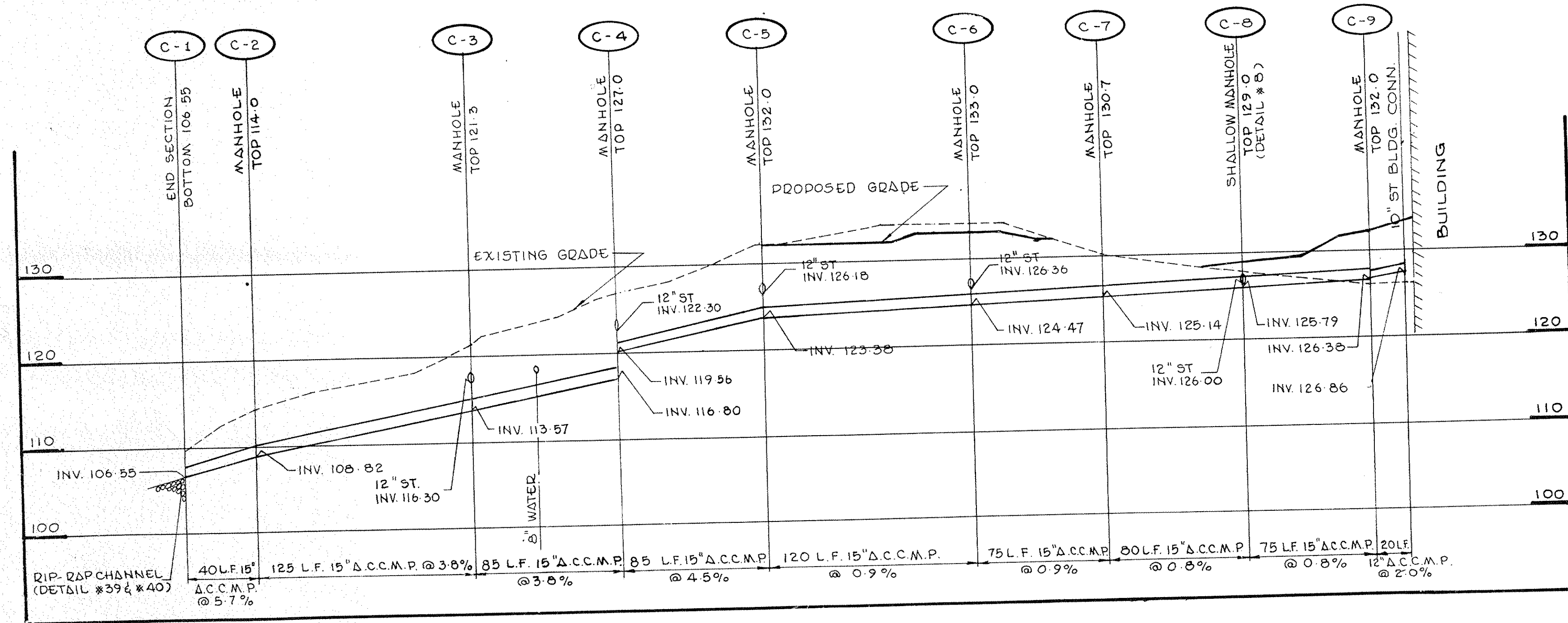
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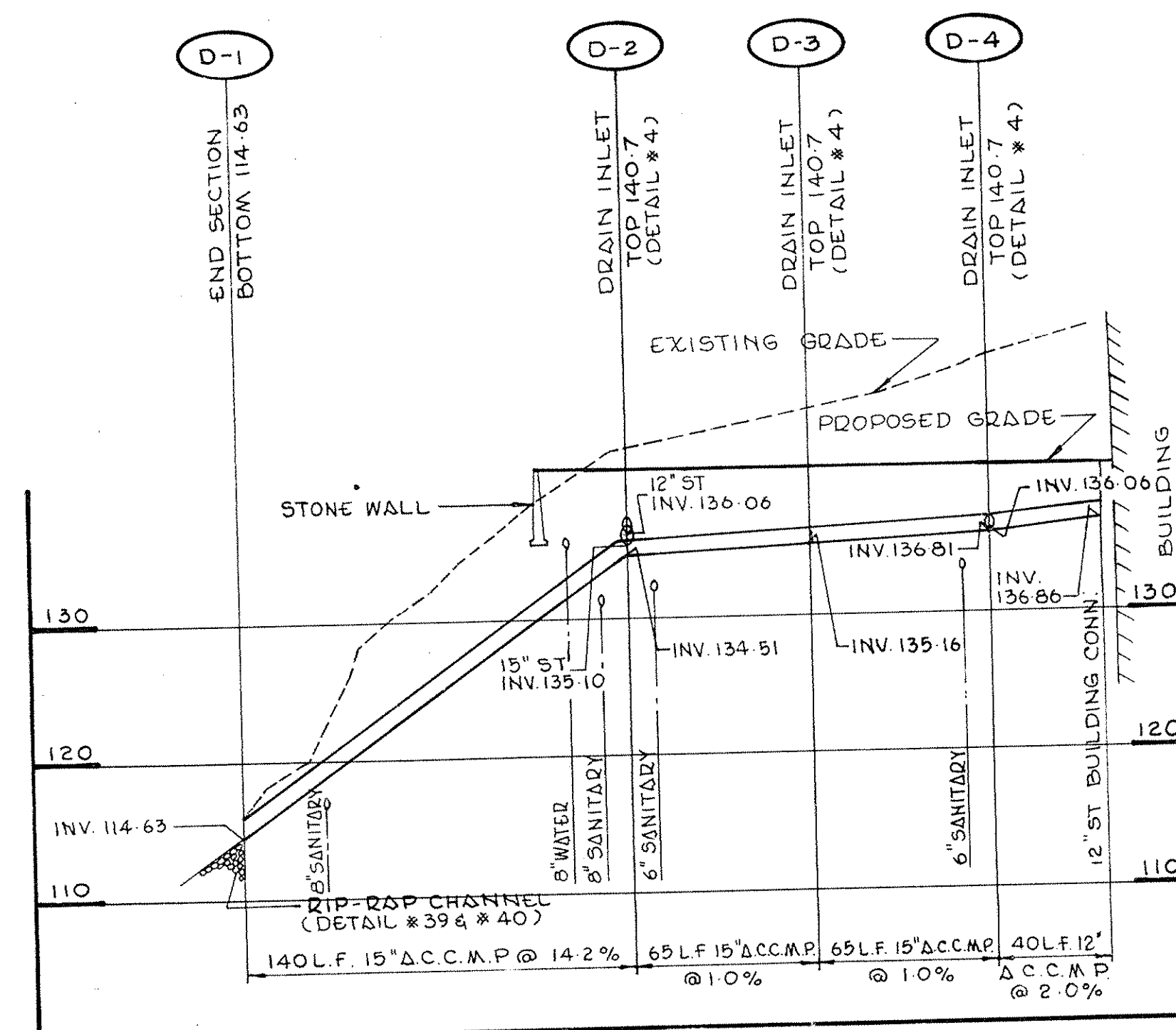
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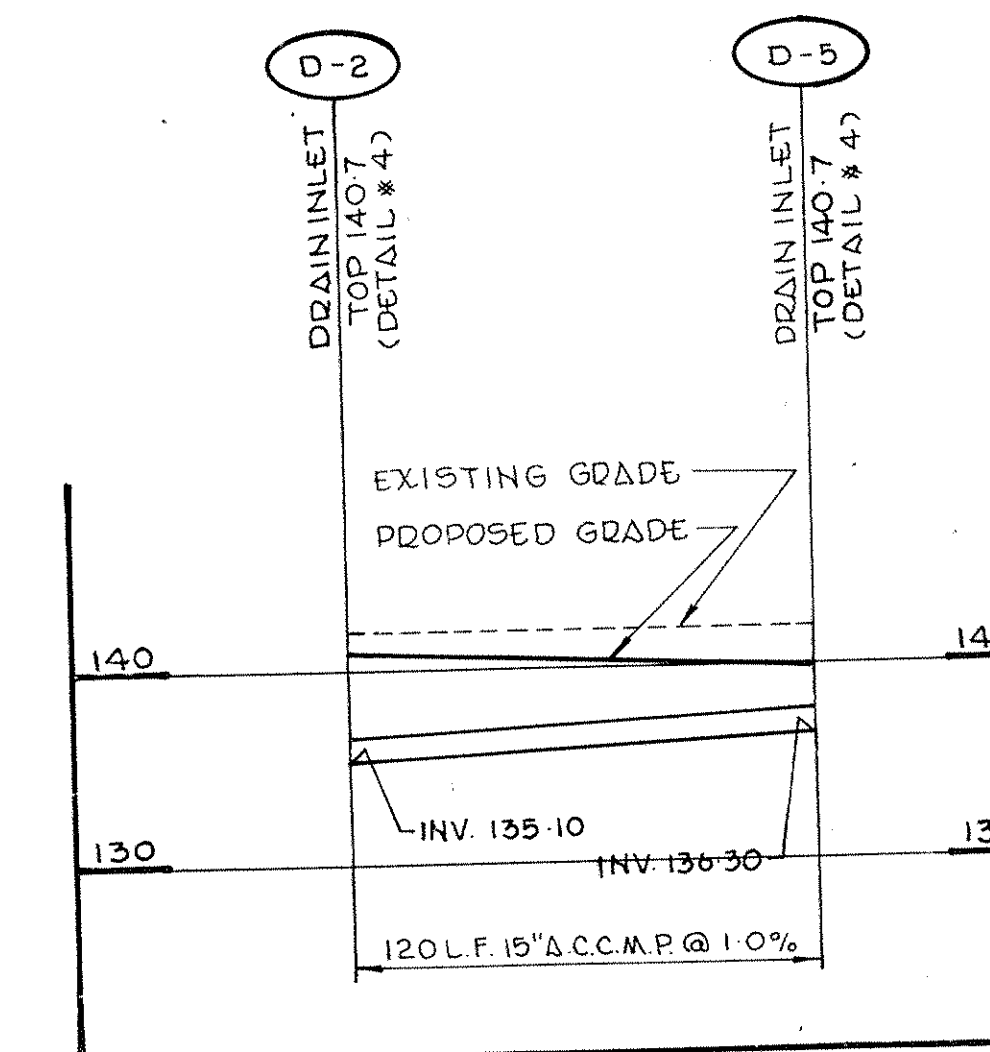
STORM PROFILE B-1 TO B-2



STORM PROFILE C-1 TO C-9



STORM PROFILE D-1 TO D-4



STORM PROFILE D-2 TO D-5

ADDENDUM NO. 3 5/10/86  
 Revision No. Description Approved Date

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 Palisades, New York



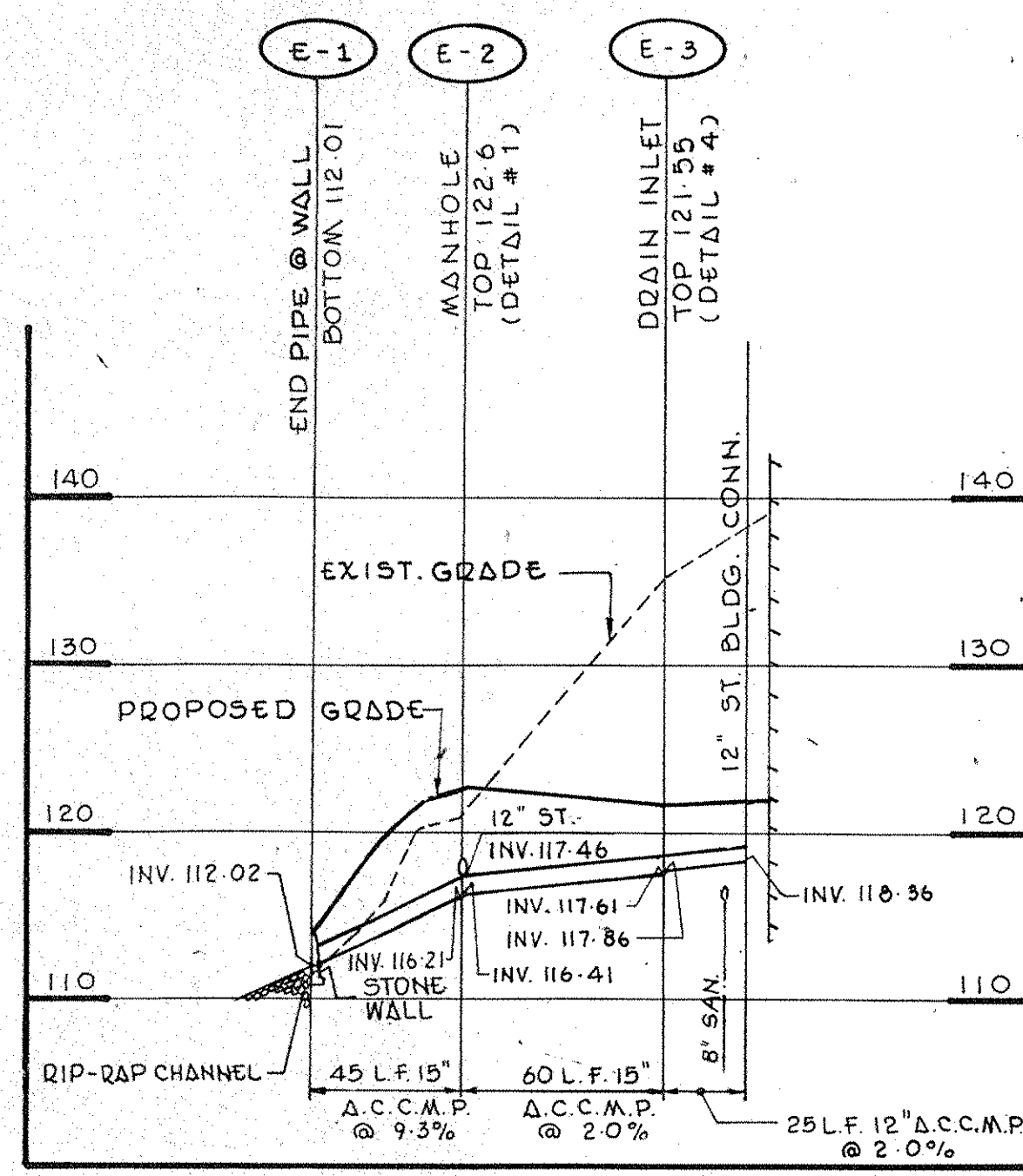
Raymond Keyes Engineers, P.C.  
 Mechanical & Electrical Engineers  
 110 West 10th Street  
 New York, New York 10011  
 Structural Division: Structural Engineers  
 Sykes & Herbers, Inc.  
 Mechanical & Electrical Engineers  
 110 West 10th Street  
 New York, New York 10011  
 Raymond Keyes Engineers, P.C.  
 SITE ENGINEERS

STORM DRAIN PROFILES

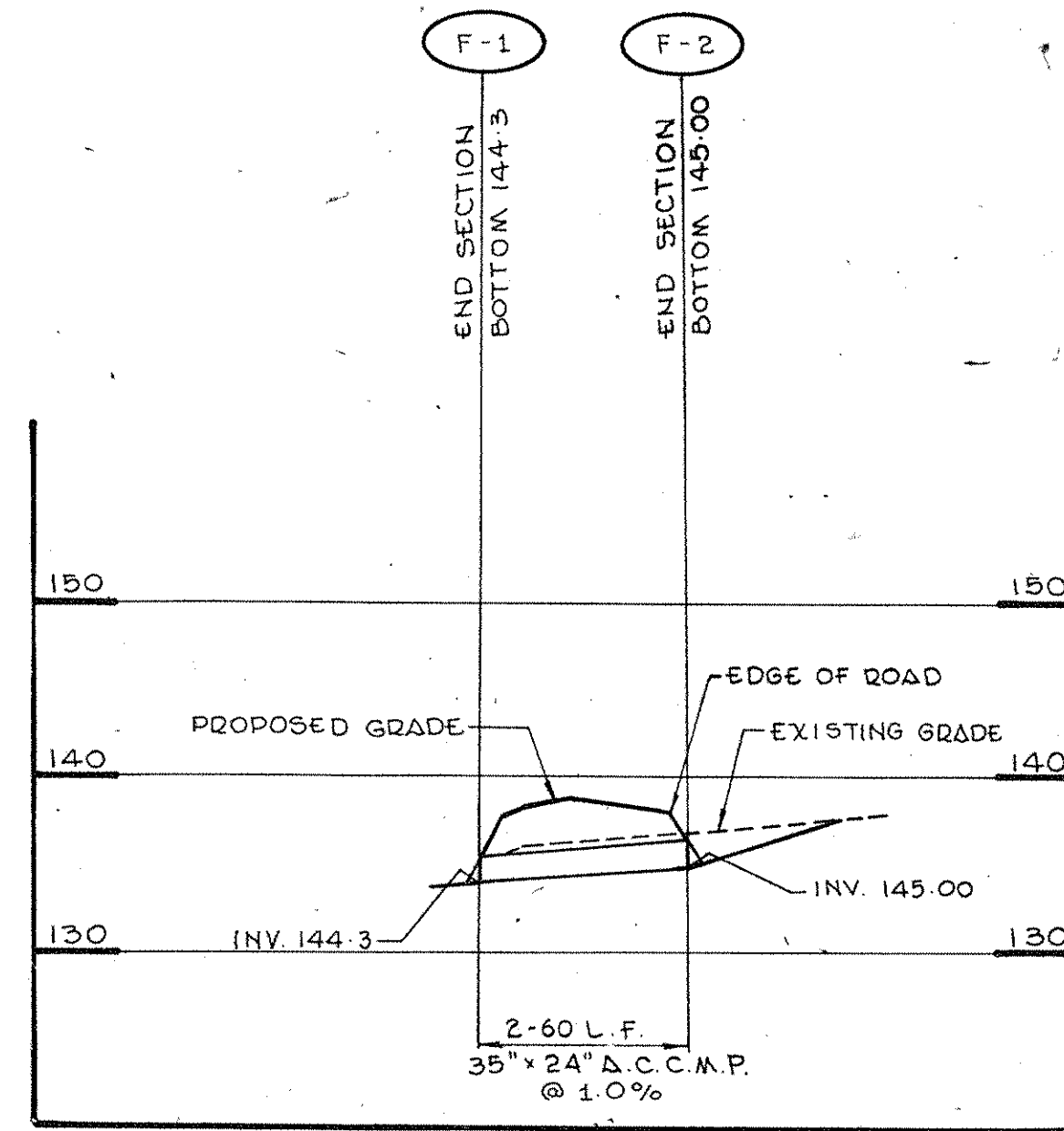
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 Approved: O.A.K.  
 Sheet: BID PACKAGE  
 Date: 10/28/85  
 Page No. 3368

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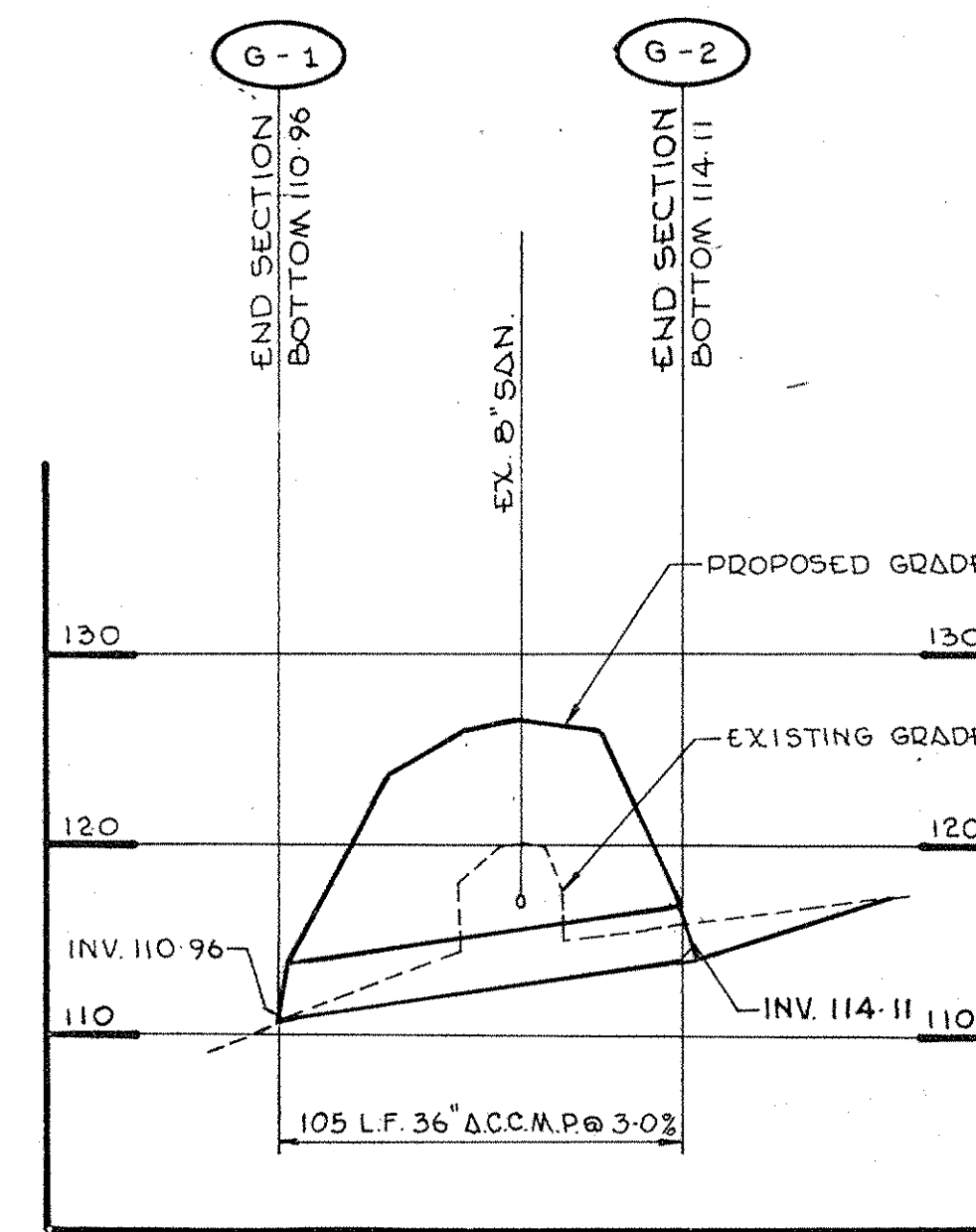




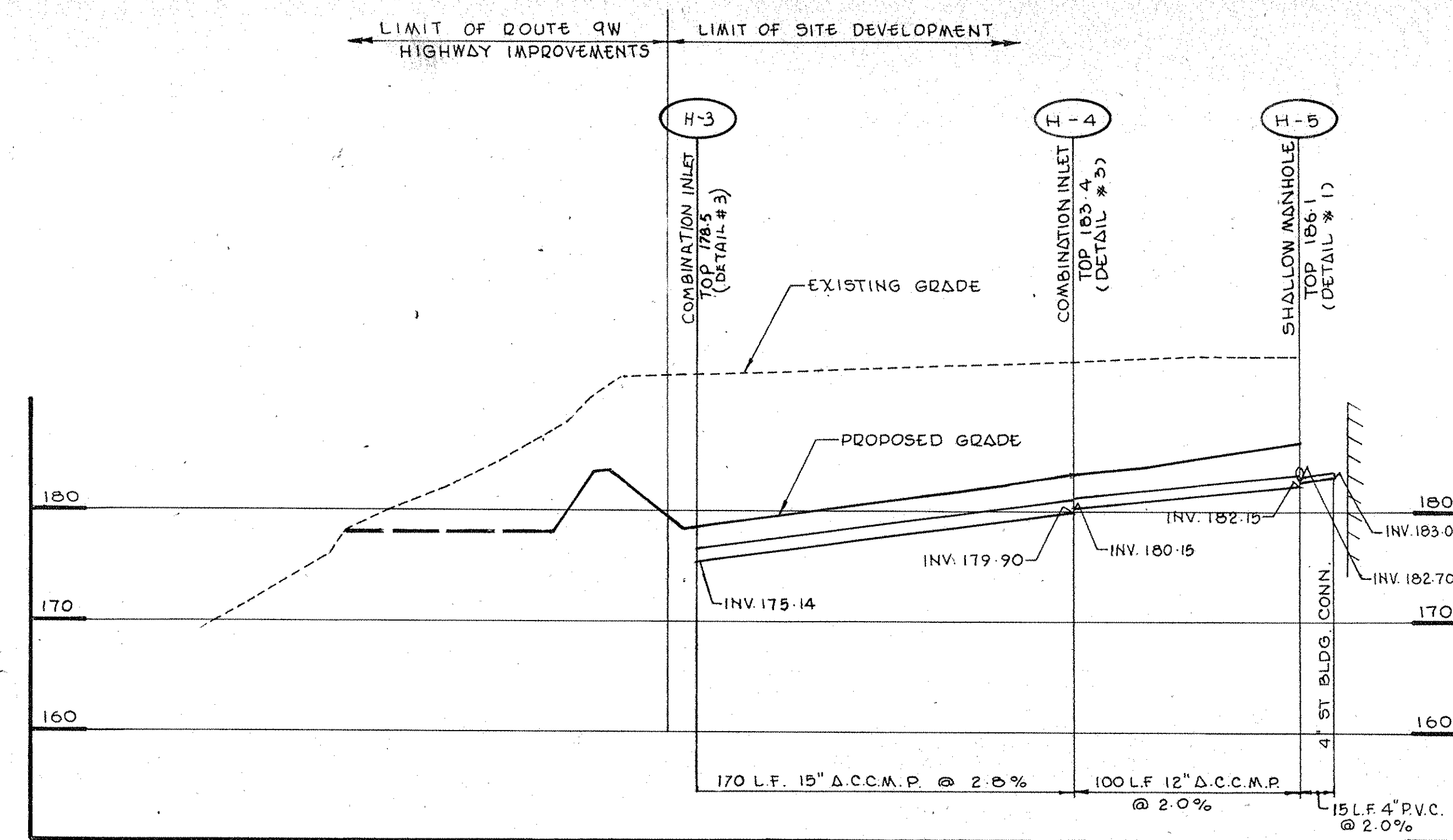
STORM PROFILE E-1 TO E-3



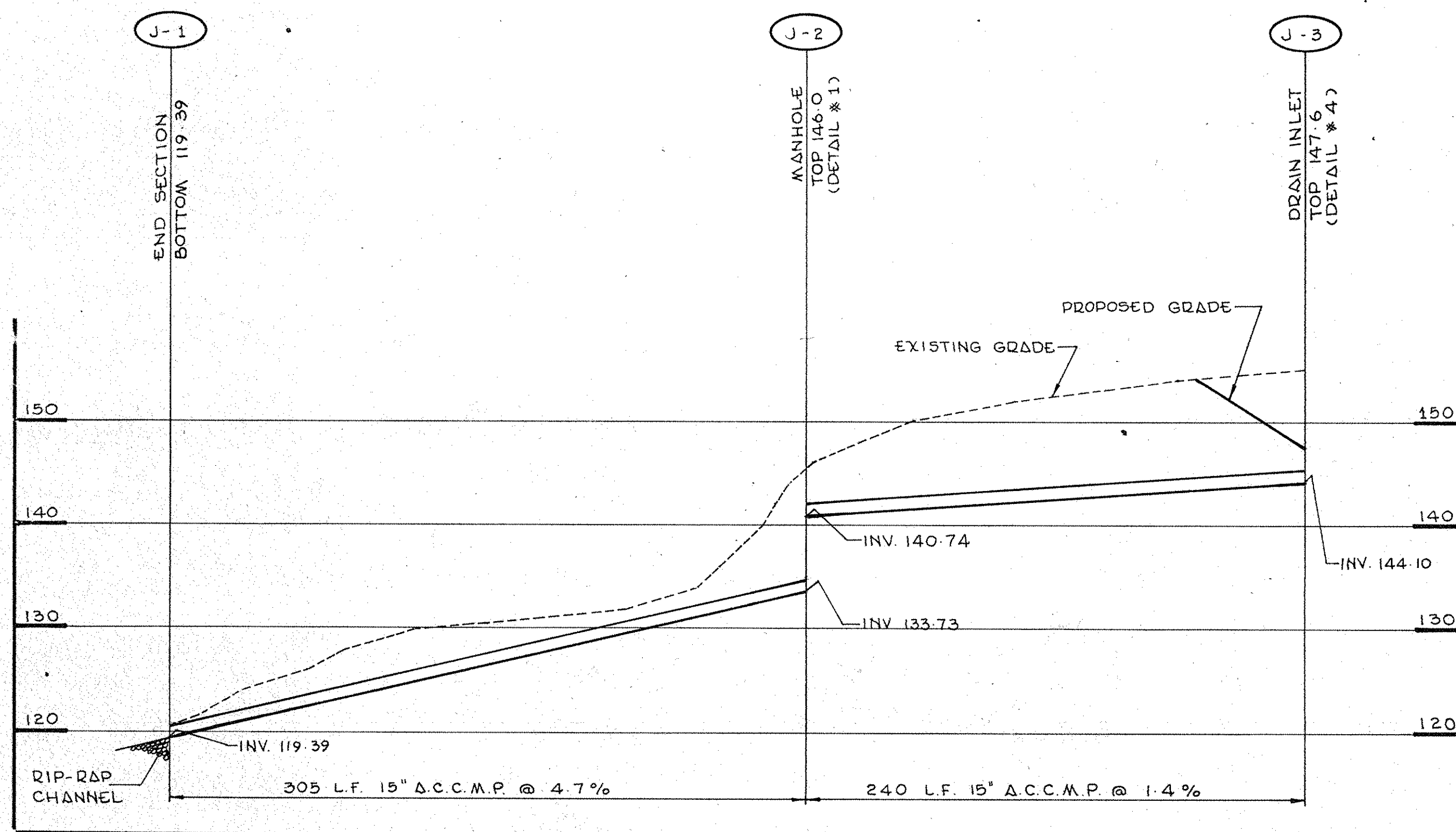
STORM PROFILE F-1 TO F-2



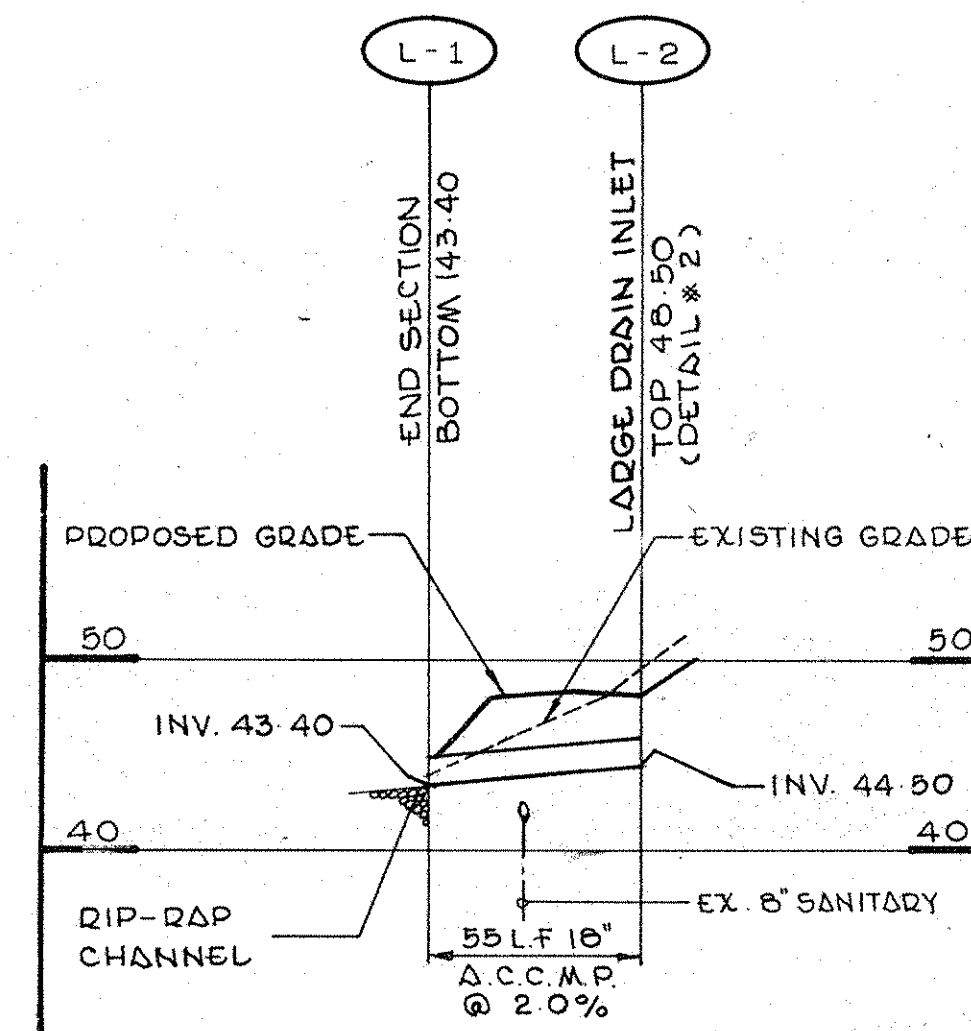
STORM PROFILE G-1 TO G-2



STORM PROFILE H-1 TO H-3



STORM PROFILE J-1 TO J-3



STORM PROFILE L-1 TO L-2

Revision No.	Description	Approved	Date
ADDENDUM NO. 3			5/10/66

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STORM DRAIN PROFILES

Title: HORZ: 1" = 50' Status: BID PACKAGE Date: 10/29/65  
Scale: VERT: 1" = 10'  
Drawn: H.G.P.  
Approved: O.A.K.

ST-30

Project No. 3368