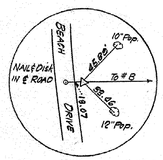
Curve Nº 1	Curve Nº 2	Curve Nº 3
R. = 79.12'	R = 75.88'	R = 200.24'
Δ = 34°10'30"	Δ = 43°27'40"	Δ = 29°18'31"
T = 24.32'	T = 30.28'	T = 52.36'
A = 47.19'	A. = 57.64'	A = 102.43'

Maximum length of 48" pipe to be laid on curve #3 to be 4'-0"

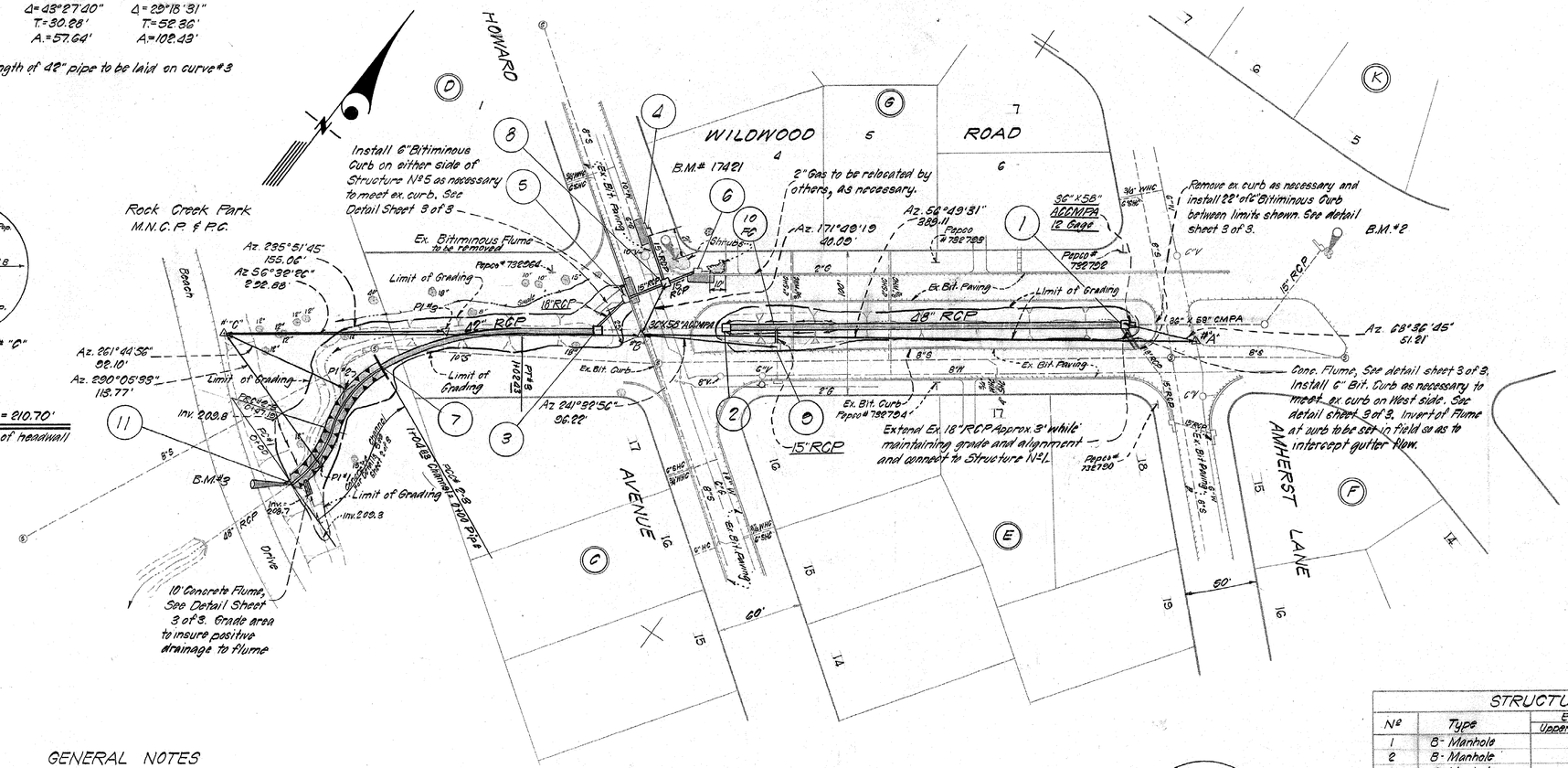
B.M.#17421 Elev. = 226.79'
Railroad spike on S. Side Pepco Pole #792063

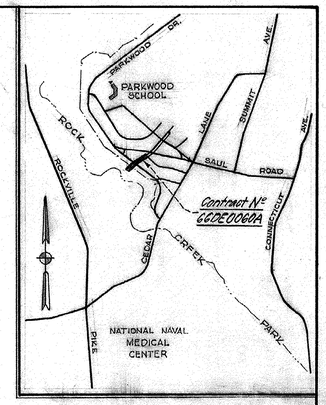
B.M.#2 Elev. = 237.63
N & W in E. Side 10" Maple



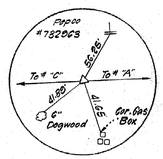
Traverse Sta. # "C" Iron Pipe

B.M. #3 Elev. = 210.70'
Square cut on top of headwall

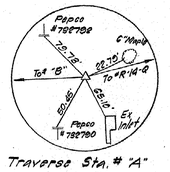




VICINITY MAP
Scale: 1" = 2000'



Traverse Sta. # "B" Iron Pipe



Traverse Sta. # "A" Iron Pipe

PLAN
Scale: 1" = 50'

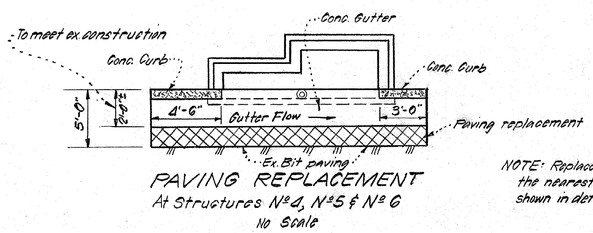
STRUCTURE SCHEDULE

Nº	Type	Elevations Upper	Elevations Lower	Remarks
1	B-Manhole	230.30		W.S.S.C. Mod. 48" x 60" Rect. ***
2	B-Manhole	226.08		W.S.S.C. Mod. 48" x 60" Rect ***
3	B-Manhole	222.55		W.S.S.C. Mod. 60" Sq. *
4	B-10 Inlet	*****	*****	W.S.S.C. Std. W = 2'-6"
5	B-10 Inlet	*****	*****	W.S.S.C. Std. W = 2'-6"
6	B-10 Inlet	*****	*****	W.S.S.C. Std. W = 2'-6"
7	Endwall W/Handrail	———		W.S.S.C. Std. 42" DIA
8	B-Manhole	*****		W.S.S.C. Std. 42" Sq **
9	B-Manhole	226.85		W.S.S.C. Std. 48" Sq
10	Field Connection	———		W.S.S.C. Std. 48" x 15"

* 4" Concrete Slab with Inlet Frame set in slab
** Slope manhole frame to meet ex. grade
*** Slots in Northwest & Southeast wall, see detail sheet 3 of 3
**** Slot in Southeast wall, see detail sheet 3 of 3
***** Elevations to be set in field to connect to existing curb
****** Elevation to be set in field so M.H. cover is flush with ex. paving

GENERAL NOTES

1. All elevations unless otherwise shown are invert elevations.
2. Information concerning underground utilities was obtained from available records, but the Contractor must determine the exact location and elevations of mains by digging test pits by hand at all utility crossings well in advance of excavation.
3. Existing utilities which conflict with proposed work will be moved by others, except as noted.
4. Adjustments or repair to utilities damaged as a result of the Contractor's negligence or method of operation must be made at his own expense.
5. Sod all graded areas on which the slope is 3:1 or greater. All other graded areas shall be seeded and mulched, unless otherwise noted or directed.
6. Fill shall be provided in the existing stream to the limits shown on the plan according to the Typical Grading Sections and shall be placed in such manner so as to insure positive drainage.
7. No trees shall be left standing within 5'-0" from the edge of pipe trench or top of concrete channel.
8. Any tree left uncut within limits of grading to be reinspected upon completion of final grading and the extent of any fill around structures will determine the necessity of any tree well construction.
9. All existing drainage structures to be removed as necessary for new construction.
10. Top elevations of Structures shall be adjusted in the field to meet existing conditions.



PAVING REPLACEMENT
At Structures Nº 4, Nº 5 & Nº 6
No Scale

NOTE: Replace concrete curb to the nearest joint beyond limits shown in detail

STATE OF MARYLAND — ROBERT J. McFARLAND — No. 3195 — REGISTERED PROFESSIONAL ENGINEER
5/22/67

Released 6/28/67 Mw

[redacted]

DESIGNED	TRACED	CHECKED
W.J.	R.L.T.	G.N.C.
CHECKED		
EXAMINED		

EXAMINED FOR		
Water & Sewer		5/31/67
R/W REQUIRED		5/31/67
OTHER UTILITIES		5-31-67

WASHINGTON SUBURBAN SANITARY COMMISSION
June 28, 1967 (DATE) Robert J. McFarland (CHIEF ENGINEER)

GREENHORNE & O'MARA
CONSULTING ENGINEERS
6715 KENILWORTH AVENUE
RIVERDALE, MARYLAND

KENSINGTON DISTRICT MONTGOMERY COUNTY
STORM DRAIN
WILDWOOD ROAD
PARKWOOD SUBDIVISION

DATE	REVISIONS

CONTRACT NO. 66 DE 0060A X

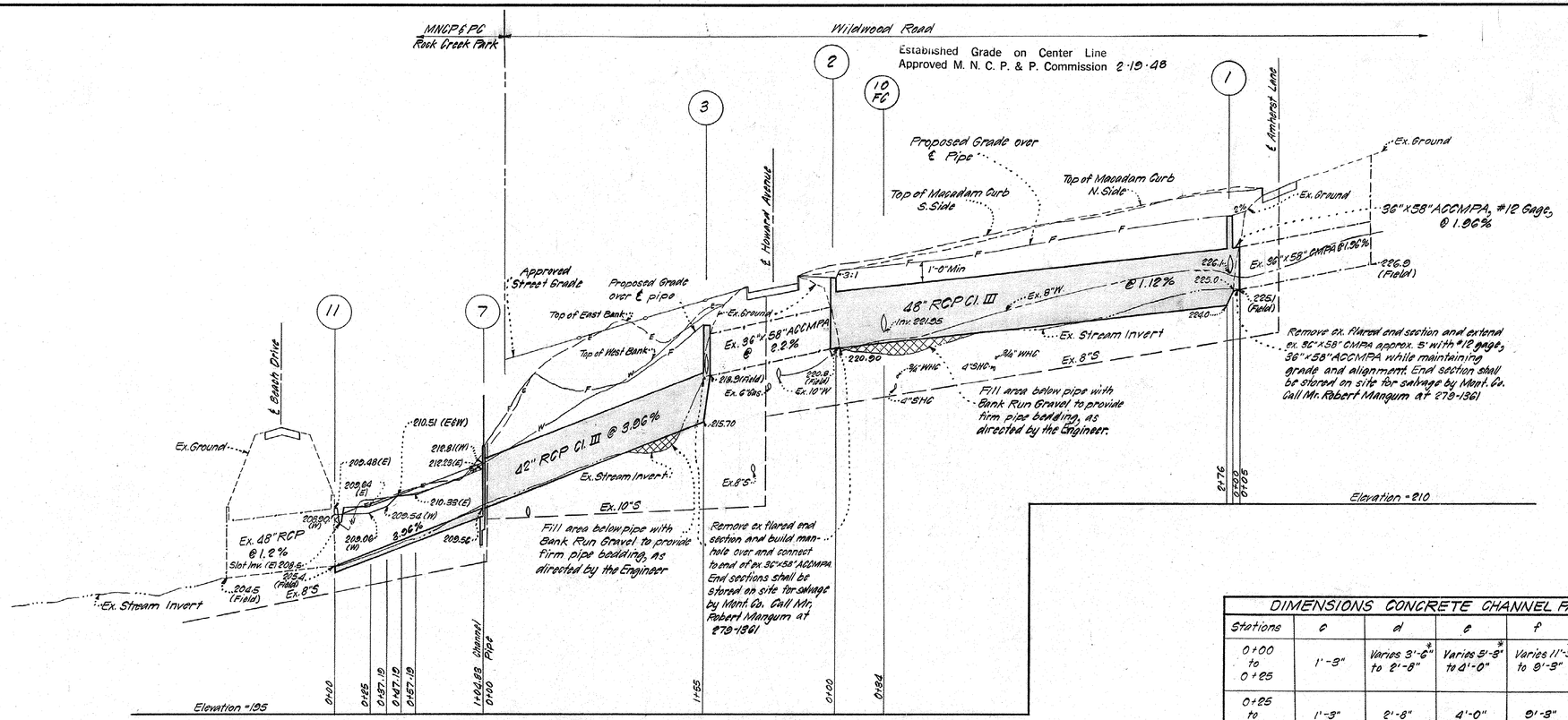
50's 24 NW 8-3, 9-2 & 9-4	Y
200's 212 NW 4 & 212 NW 5	NO. 1 OF 3

SD FILE NO. 125

CE 487-124-1

E. Wise.

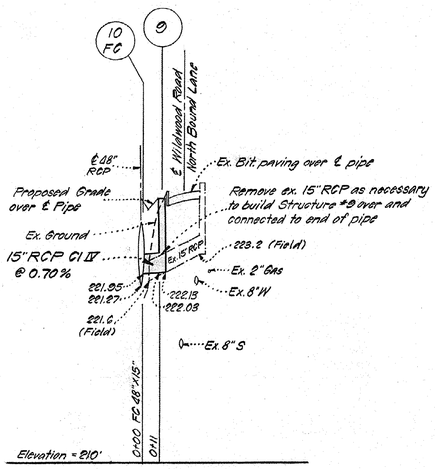
Maryland State Archives

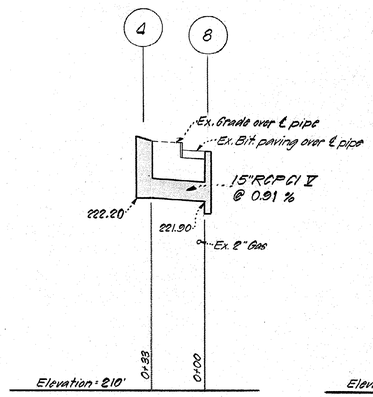


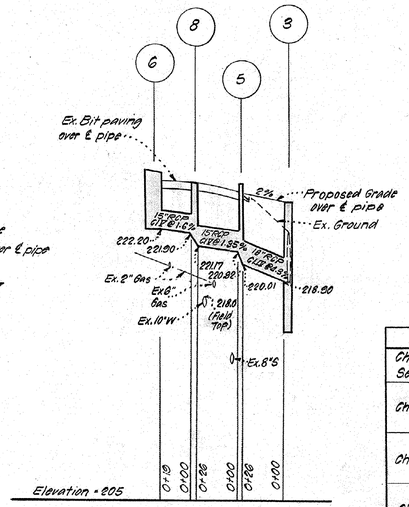
DIMENSIONS CONCRETE CHANNEL PAVING

Stations	c	d	e	f	Channel Side Slopes
0+00 to 0+25	1'-3"	Varies 3'-6"* to 2'-8"	Varies 5'-3"* to 4'-0"	Varies 11'-9"* to 9'-3"	1½:1
0+25 to 1+05	1'-3"	2'-8"	4'-0"	9'-3"	1½:1

* Meet ex. wingwalls by maintaining channel side slope of 1½:1





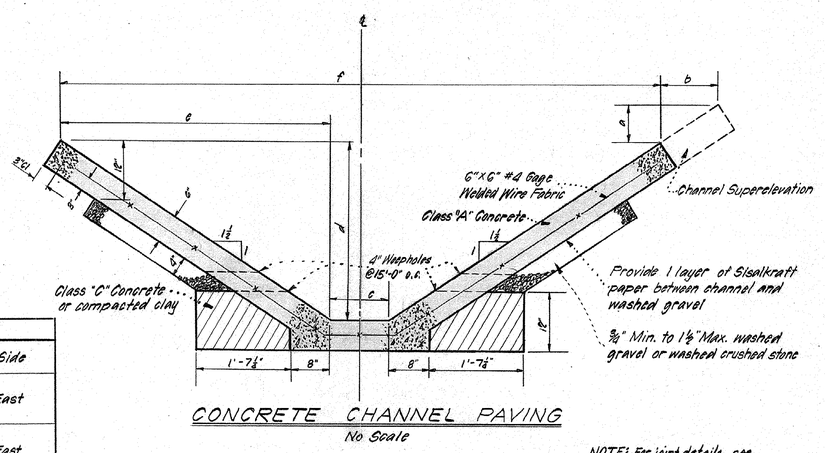


PROFILES

Scale: Horz. 1"=50'
Vert. 1"=5'

SUPERELEVATION TABLE

Channel Section	Stations	a	b	Side
Channel	0+00 to 0+47.18	0'-7"	0'-10½"	East
Channel	0+47.18 to 0+57.18	Varies 0'-7" to 0'-0"	Varies 0'-10½" to 0'-0"	East
Channel	0+57.18 to 0+47.18	Varies 0'-0" to 0'-7"	Varies 0'-0" to 0'-10½"	West
Channel	0+47.18 to 1+04.88	0'-7"	0'-10½"	West



CONCRETE CHANNEL PAVING

No Scale

NOTE: For joint details, see sheet 3 of 8.

STATE OF MARYLAND — ROBERT LOUIS RUSSELL — No. 9292 — REGISTERED PROFESSIONAL ENGINEER

5/22/67

DESIGNED	TRACED	CHECKED
W.J.	RLT	GNC
CHECKED		
EXAMINED		

EXAMINED FOR

Water & Sewer		
R/W REQUIRED		
OTHER UTILITIES		

WASHINGTON SUBURBAN SANITARY COMMISSION

June 28, 1967 (DATE)

(CHIEF ENGINEER)

GREENHORNE & O'MARA
CONSULTING ENGINEERS
6715 KENILWORTH AVENUE
RIVERDALE, MARYLAND

KENSINGTON DISTRICT MONTGOMERY COUNTY

STORM DRAIN

WILDWOOD ROAD
PARKWOOD SUBDIVISION

DATE	REVISIONS

CONTRACT NO. 66DE0060AX

50'S — Y

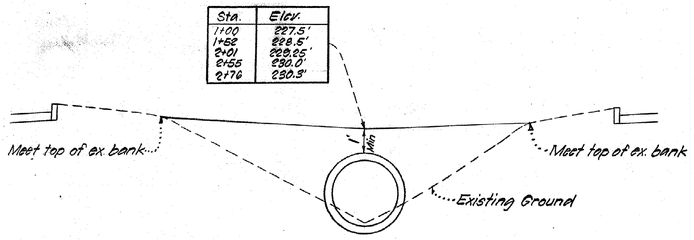
NO. 2

OF 3

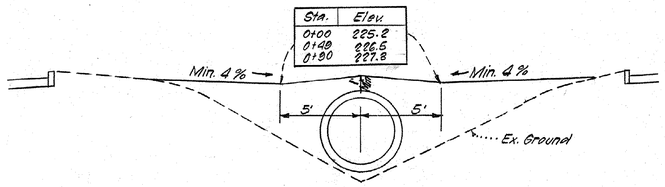
CE487-124-2

CD FILE NO. 125

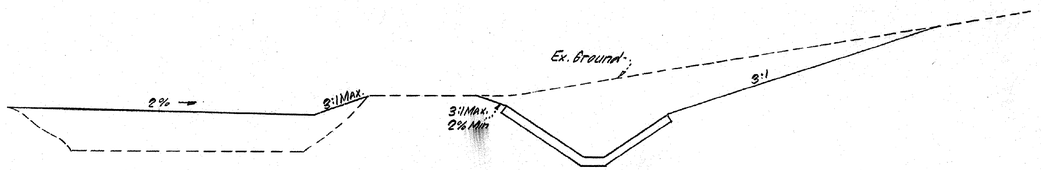
Maryland State Archives



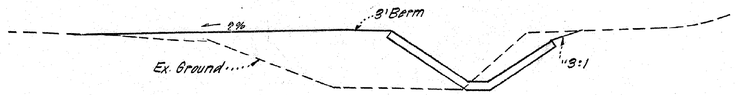
From Structure N°2 to Structure N°1 (Sta. 1+00 to 2+76)



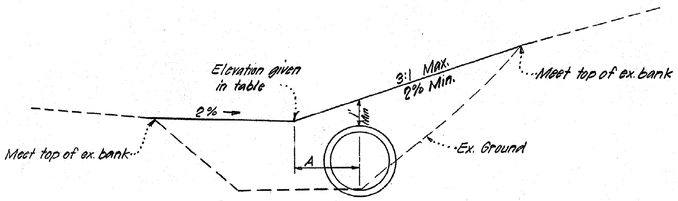
From Structure N°2 to Structure N°1 (Sta. 0+00 to 1+00)



From Structure N° 11 to Structure N° 7 (Sta. 0+85 to 1+05)

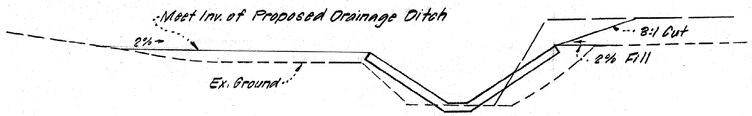


From Structure N° 11 to Structure N° 7 (Sta. 0+47 to 0+85)



From Structure N°7 to Structure N°3

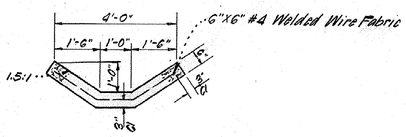
Fill Dimension Table		
Sta.	A	Elev.
0+00	20.0'(L)	212.2
0+35	13.0'(L)	214.7
0+67	4.0'(L)	216.5
1+00	25'(R)	219.4
1+55	℄	222.5



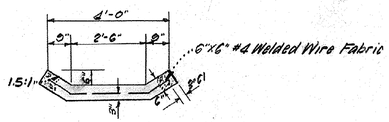
From Structure N° 11 to Structure N° 7 (Sta. 0+00 to 0+47)

TYPICAL GRADING SECTIONS

No Scale



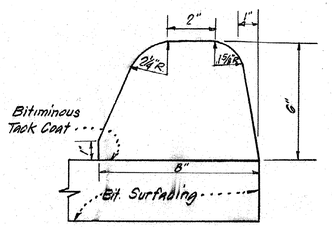
At Structure N° 11



At Structure N° 1

CONCRETE FLUME DETAIL

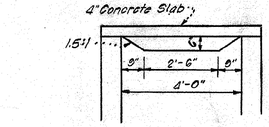
No Scale



NOTE: This detail shall be used wherever bituminous curb is called for on the plans.

BITIMINOUS CURB DETAIL

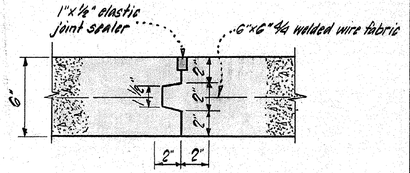
No Scale



TYPICAL SLOT OPENING

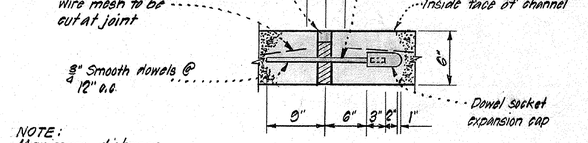
Scale: ⅜" = 1'-0"

NOTE:
Construction joints, if used, must be in location of contraction joints to maintain 20' joint spacing.



TRAPEZOIDAL CHANNEL CONSTRUCTION JOINT

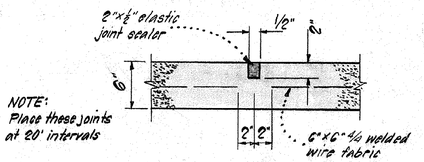
No Scale



NOTE:
Maximum distance between joints to be 60'-0"

TRAPEZOIDAL CHANNEL EXPANSION JOINT

No Scale



NOTE:
Place these joints at 20' intervals

DUMMY CONTRACTION JOINT

No Scale

STATE OF MARYLAND
ABRAHAM BOYLE WIRGLER
No. 7202
REGISTERED ENGINEER
5/22/67

DESIGNED	TRACED	CHECKED
W.J.	R.L.T	B.N.C.

EXAMINED FOR		
Water & Sewer		
R/W REQUIRED		
OTHER UTILITIES		

CHECKED

EXAMINED

WASHINGTON SUBURBAN SANITARY COMMISSION

June 28, 1967 (DATE)

(CHIEF ENGINEER)

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STORM DRAIN

WILDWOOD ROAD
PARKWOOD SUBDIVISION

DATE	REVISIONS

CONTRACT NO. 66 DE 0060A Y

50'S

NO. 8

200'

SD FILE NO. 125

CE 487-124-3

Maryland State Archives