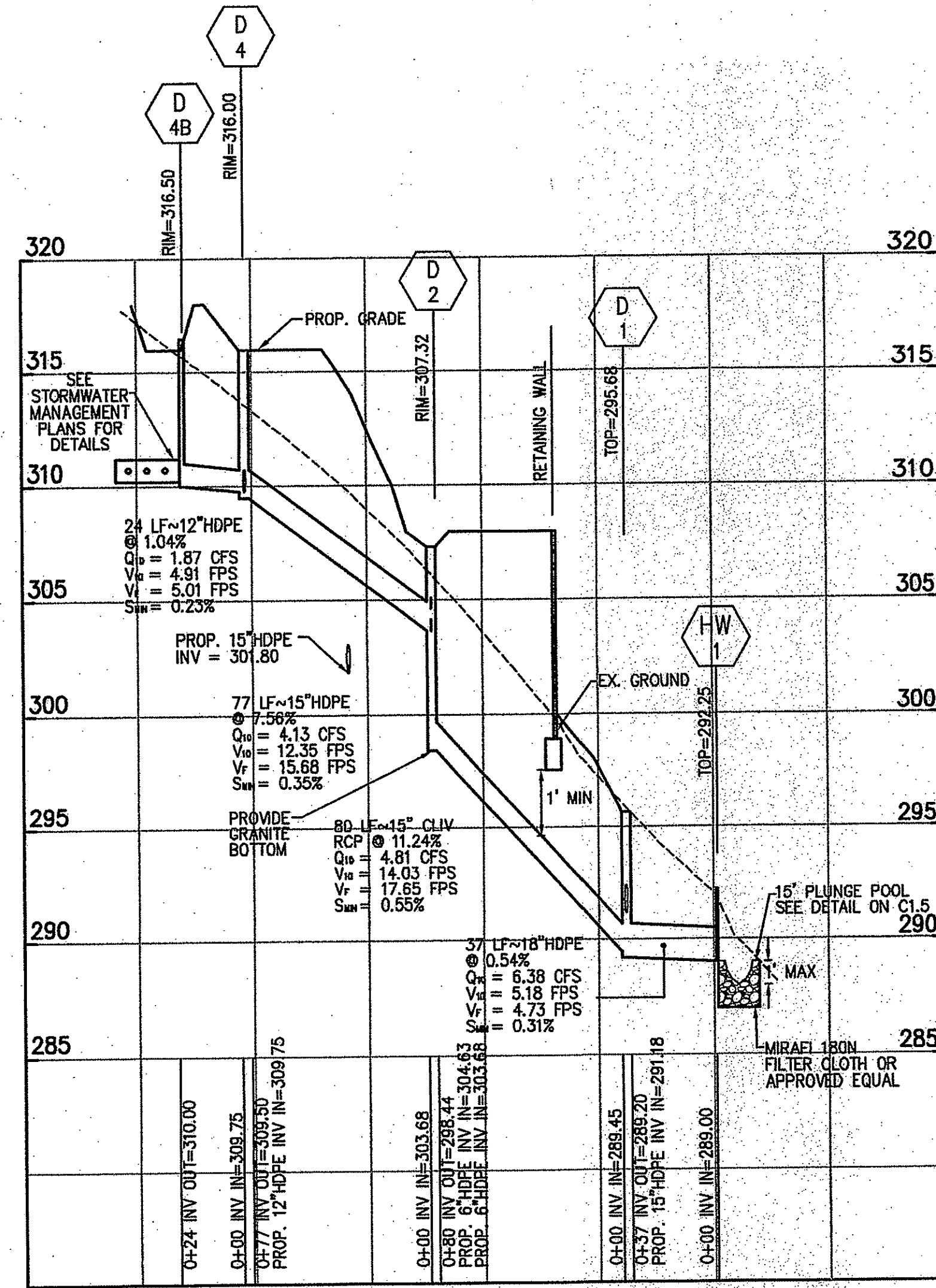
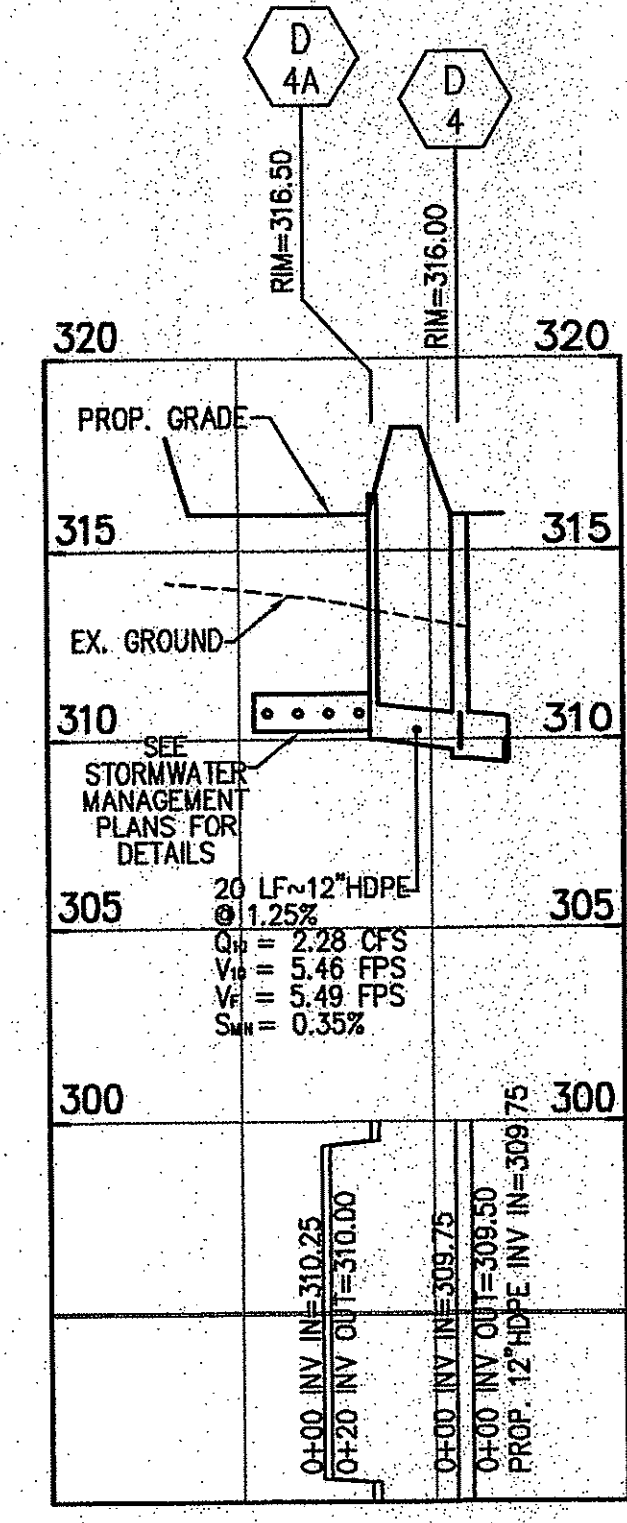


STRUCTURES D-34 TO HW-5
SCALE: HORIZ. 1"=50'
VERT. 1"=5'



STRUCTURES D-4B TO HW-1
SCALE: HORIZ. 1"=50'
VERT. 1"=5'



STRUCTURES D-4A TO D-4
SCALE: HORIZ. 1"=50'
VERT. 1"=5'

PROPOSED STORM DRAIN COMPUTATIONS		PROJECT NAME: GREENBRIAR ESTATES (VIKA# VMI699A)										K:\1501-2000\1699_documents\VI699A\engineering\sd\SD COMPS_111412.xls										5/13/2013
FROM	TO	INC. AREA ACRES	TOTAL AREA ACRES	C	A+C	RCUM. A+C	Tc MIN-SEC	I 10 YR CFS	Q MIN	ACT SLOPE %	n	PIPE SIZE IN	F.F. VEL FPS	ACT VEL FPS	LENGTH FEET	TIME IN MIN-SEC	PIPE CAPACITY CFS	PIPE AREA S.F.	PIPE VELOCITY FPS	FRICION		
D-20	D-32	1.00	1.00	0.40	0.40	0.40	5.00	7.07	2.83	0.16	0.012	15	13.76	10.01	116	0.19	16.88	1.23	2.30			
D-32	D-18	0.87	1.87	0.31	0.27	0.67	5.19	7.01	4.69	0.45	1.34	0.012	15	6.60	6.80	101	0.25	8.10	1.23	3.83		
D-18	D-16	0.90	2.77	0.31	0.28	0.95	5.44	6.94	6.58	0.33	1.00	0.012	18	6.44	6.63	206	0.52	11.38	1.77	3.73		
D-16	D-14	0.78	3.55	0.26	0.20	1.15	5.96	6.80	7.82	0.47	1.00	0.012	18	6.44	6.94	164	0.39	11.38	1.77	4.43		
D-14	D-8	0.00	3.55	0.00	0.00	1.15	6.35	6.69	7.82	0.47	1.00	0.012	18	6.44	6.94	101	0.24	11.38	1.77	4.43		
D-34	D-12	0.76	0.76	0.28	0.21	0.21	5.00	7.07	1.50	0.05	1.19	0.012	15	6.22	4.67	105	0.37	7.63	1.23	1.23		
D-12	D-10	0.60	1.36	0.28	0.17	0.38	5.37	6.96	2.65	0.05	1.00	0.012	18	6.44	5.18	189	0.61	11.38	1.77	1.50		
D-10	D-8	0.62	1.98	0.25	0.16	0.54	5.98	6.79	3.64	0.10	1.00	0.012	18	6.44	5.69	161	0.47	11.38	1.77	2.06		
D-8	D-6	0.00	5.53	0.00	0.00	1.69	6.60	6.63	11.18	0.42	12.54	0.012	21	25.27	19.15	98	0.09	60.79	2.41	4.65		
D-6	D-5	0.00	5.53	0.00	0.00	1.69	6.68	6.60	11.18	0.42	13.86	0.012	21	26.57	19.94	90	0.08	63.91	2.41	4.65		
D-5	HW-5	0.00	5.53	0.00	0.00	1.69	6.76	6.59	11.18	0.42	0.50	0.012	21	5.05	5.72	20	0.06	12.14	2.41	4.65		
D-26	D-24	0.48	0.48	0.64	0.31	0.31	5.00	7.07	2.17	0.10	1.99	0.012	15	8.04	6.41	119	0.31	9.87	1.23	1.77		
D-24	HW-3	0.00	0.48	0.00	0.00	0.31	5.31	6.98	2.17	0.10	0.50	0.012	15	4.03	3.77	25	0.11	4.95	1.23	1.77		
D-22	D-23	0.37	0.37	0.67	0.25	0.25	5.00	7.07	1.75	0.06	0.50	0.012	15	4.03	3.64	68	0.31	4.95	1.23	1.43		
D-23	HW-2	0.00	0.37	0.00	0.00	0.25	5.31	6.98	1.75	0.06	0.50	0.012	15	4.03	3.64	5	0.02	4.95	1.23	1.43		
D-4B	D-4	0.08	0.45	0.25	0.02	0.27	5.33	6.97	1.87	0.23	1.04	0.012	12	5.01	4.91	24	0.08	3.94	0.79	2.38		
D-4A	D-4	0.08	0.56	0.25	0.02	0.33	5.42	6.95	2.27	0.35	1.25	0.012	12	5.49	5.45	20	0.06	4.32	0.79	2.89		
D-4	D-2	0.00	1.01	0.00	0.00	0.60	5.48	6.93	4.12	0.35	7.56	0.012	15	15.68	12.48	77	0.10	19.24	1.23	3.36		
D-3A	D-3B	0.11	0.11	0.37	0.04	0.04	5.00	7.07	0.29	0.22	0.50	0.012	6	2.19	1.99	39	0.33	0.43	0.20	1.46		
D-3B	D-2	0.06	0.17	0.36	0.02	0.06	5.33	6.97	0.43	0.51	1.00	0.012	6	3.10	3.00	40	0.22	0.61	0.20	2.21		
D-3C	D-2	0.13	0.13	0.30	0.04	0.04	5.00	7.07	0.28	0.21	1.00	0.012	6	3.10	2.99	7	0.04	0.61	0.20	1.40		
D-2	D-1	0.00	1.31	0.00	0.00	0.70	5.58	6.90	4.80	0.55	11.24	0.013	15	17.65	14.01	80	0.10	21.66	1.23	3.91		
D-2A	D-2B	0.15	0.15	0.64	0.10	0.10	5.00	7.07	0.68	0.01	0.94	0.012	15	5.53	3.34	199	0.99	6.78	1.23	0.55		
D-2B	HW-4	0.17	0.32	0.82	0.14	0.24	5.99	6.79	1.60	0.05	0.53	0.012	15	4.15	3.60	81	0.38	5.09	1.23	1.30		
D-1A	D-1	0.12	0.44	0.36	0.04	0.28	6.37	6.69	1.86	0.07	1.50	0.012	15	6.98	5.50	188	0.57	8.57	1.23	1.52		
D-1	HW-1	0.00	1.75	0.00	0.00	0.98	6.94	6.54	6.38	0.31	0.54	0.012	18	4.73	5.18	37	0.12	8.36	1.77	3.61		

- NOTES:
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 - SHOP DRAWINGS MUST BE APPROVED BY M-NOPPC CONSTRUCTION MANAGER BEFORE FABRICATION
 - ALL HDPE PIPE TO BE ADS N-12 OR APPROVED EQUAL. INLETS SHALL HAVE RETICULAR GRATES

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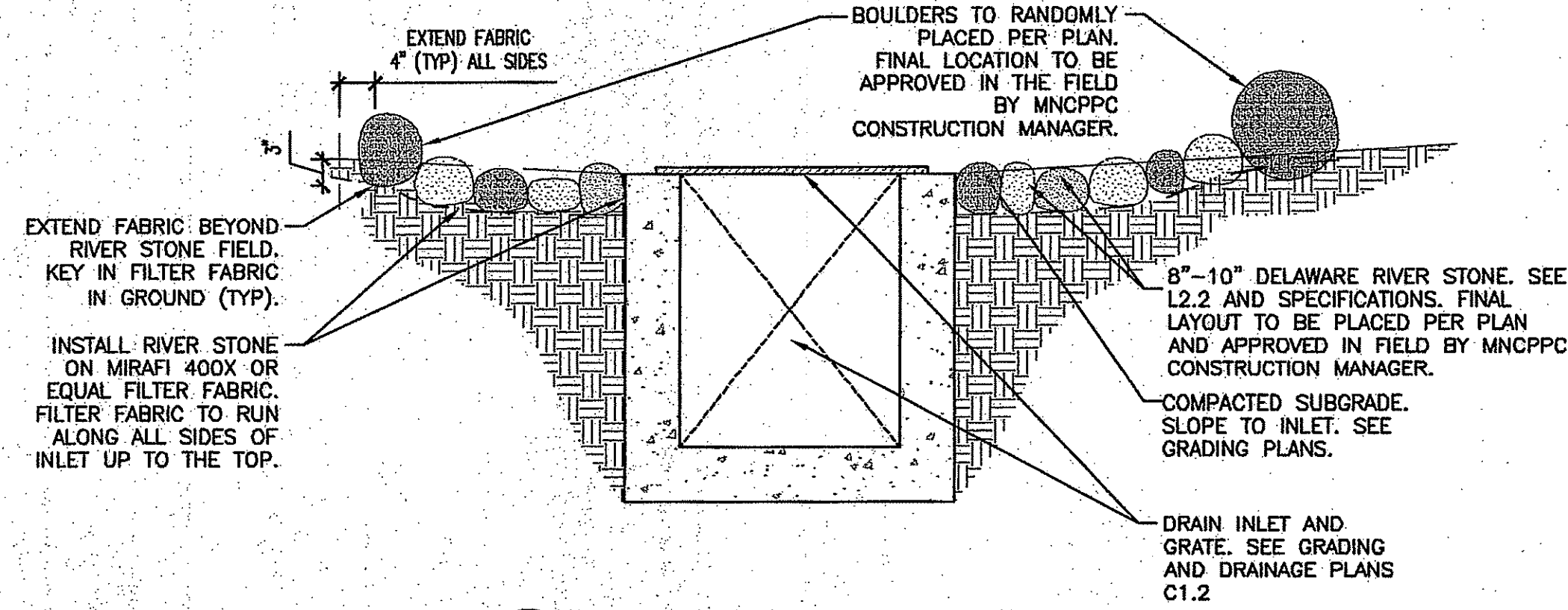
Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.
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Expiration Date 07-19-2014

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Montgomery County Department of Parks
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Silver Spring, Maryland 20901
(301) 495-2535

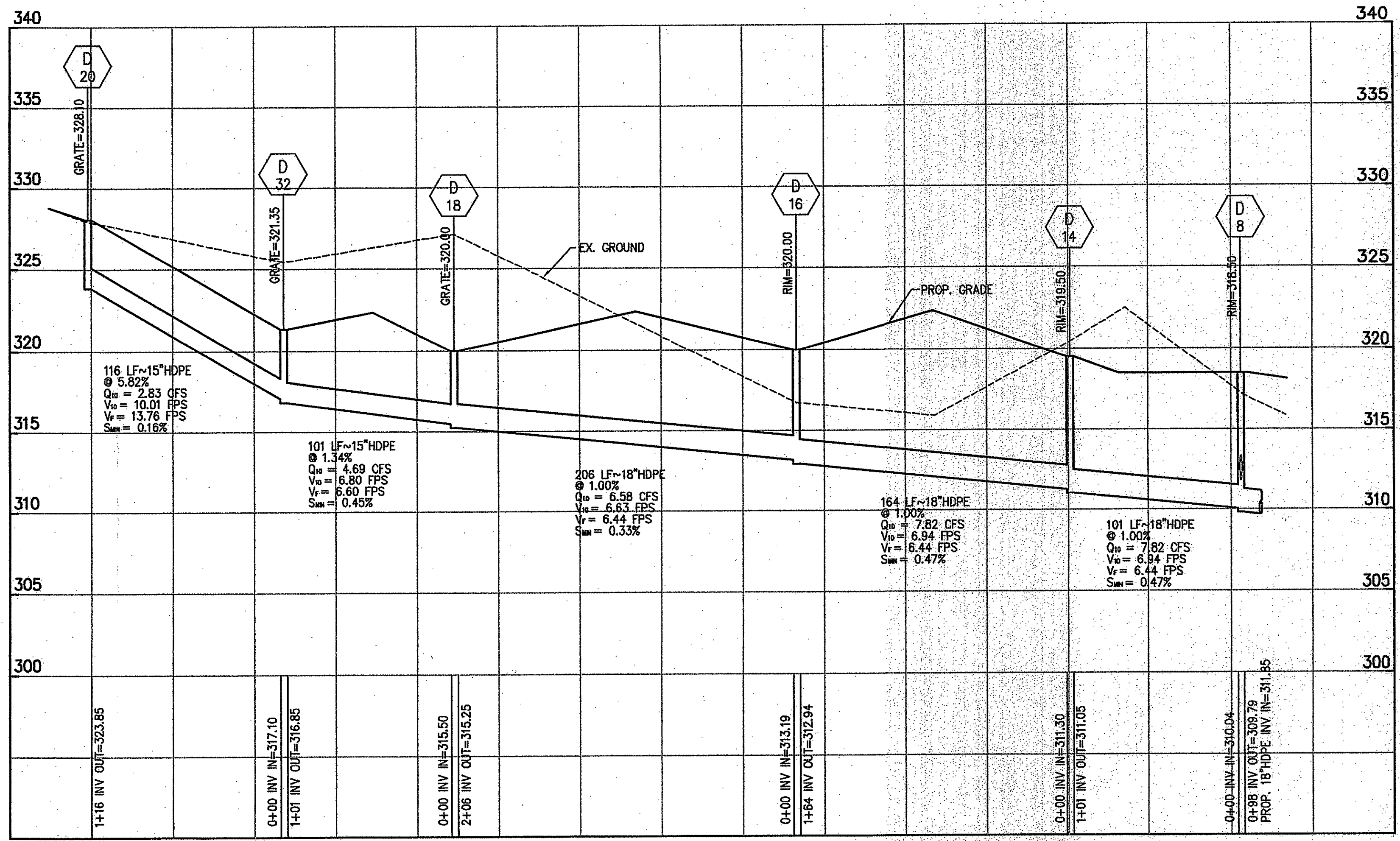
REVIEW AND APPROVAL
Project Manager Date 5/1/13 *Urdekona*
Project Engineer Date 5/3/13 *Bjork*
Construction Manager Date
Park Manager Date

ISSUED FOR PROCUREMENT ON
REVISIONS
Rev. No. Date Description

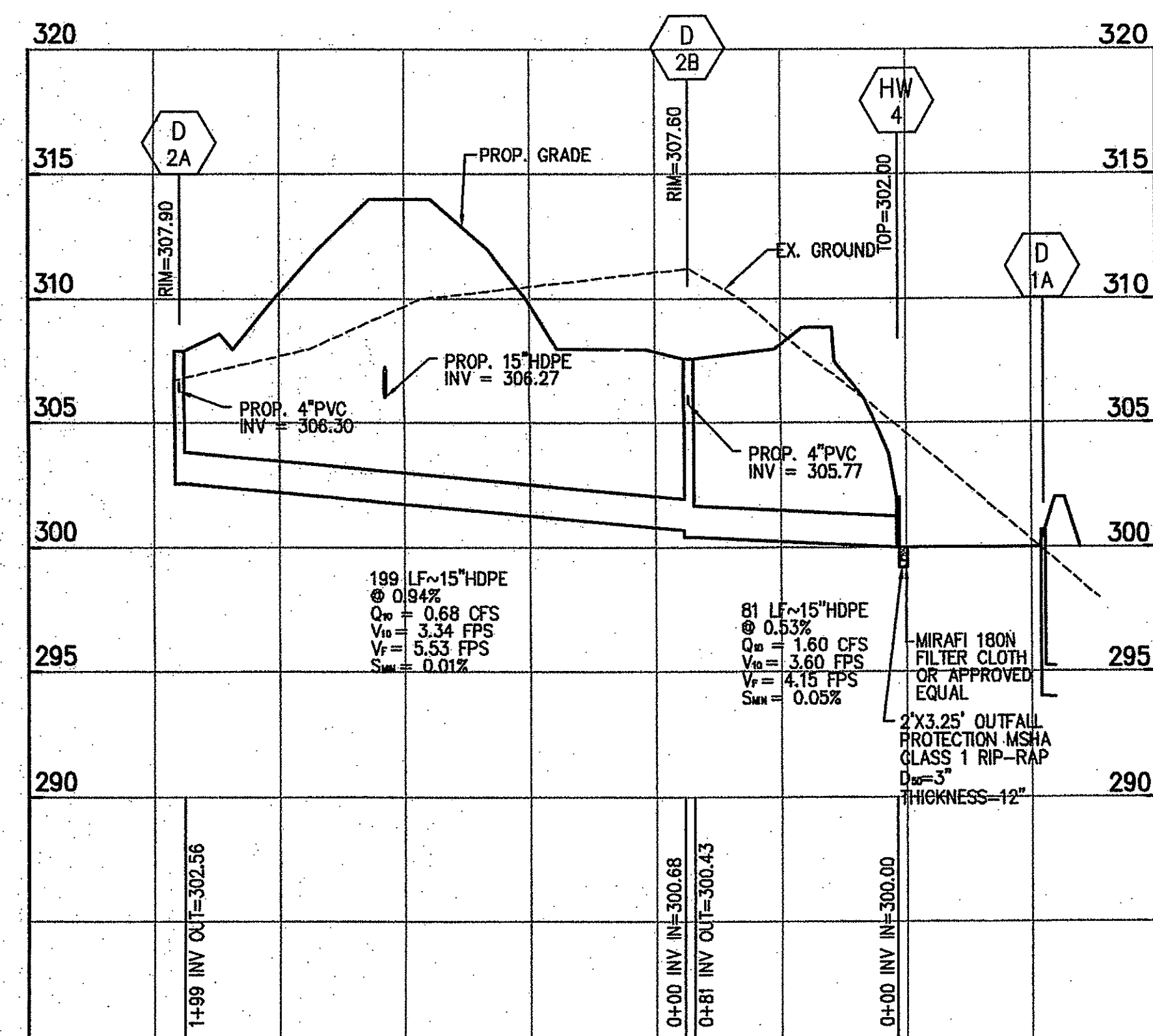
STORM DRAIN NOTES, DETAILS AND PROFILES
GREENBRIAR LOCAL PARK
Liber 10551 Folio 180
Liber 10551 Folio 183
Liber 10565 Folio 312
SCALE: AS SHOWN



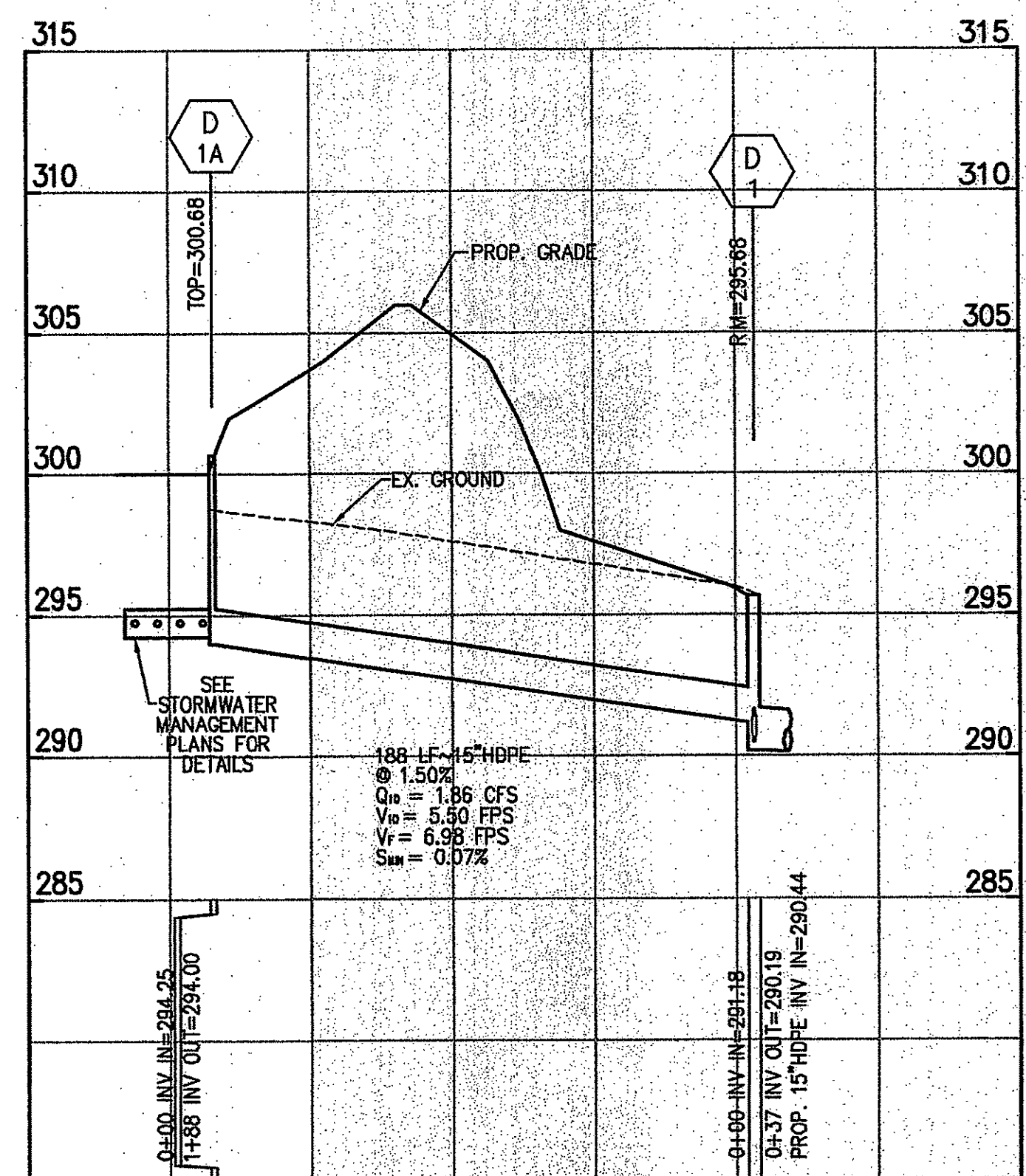
1 ROCK INLET DETAIL
C1.7 NTS



STRUCTURES D-20 TO D-8
SCALE: HORIZ. 1"=50'
VERT. 1"=5'



STRUCTURES D-2A TO HW-4



STRUCTURES D-1A TO D-1

- NOTES:
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 3. ALL HDPE PIPE TO BE ADS N-12 OR APPROVED EQUAL.
 4. INLETS SHALL HAVE RETICULAR GRATES.

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CROFTON, MD ■ WELLS, VA

Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.
License No. 27721
Expiration Date 07-19-2014

The Maryland-National Capital Park and Planning Commission
Montgomery County Department of Parks
9500 Brunnet Avenue
Silver Spring, Maryland 20901
(301) 495-2535

REVIEW AND APPROVAL
Project Manager Date 8/1/13
Project Engineer Date 8/13/13
Construction Manager Date
Park Manager Date

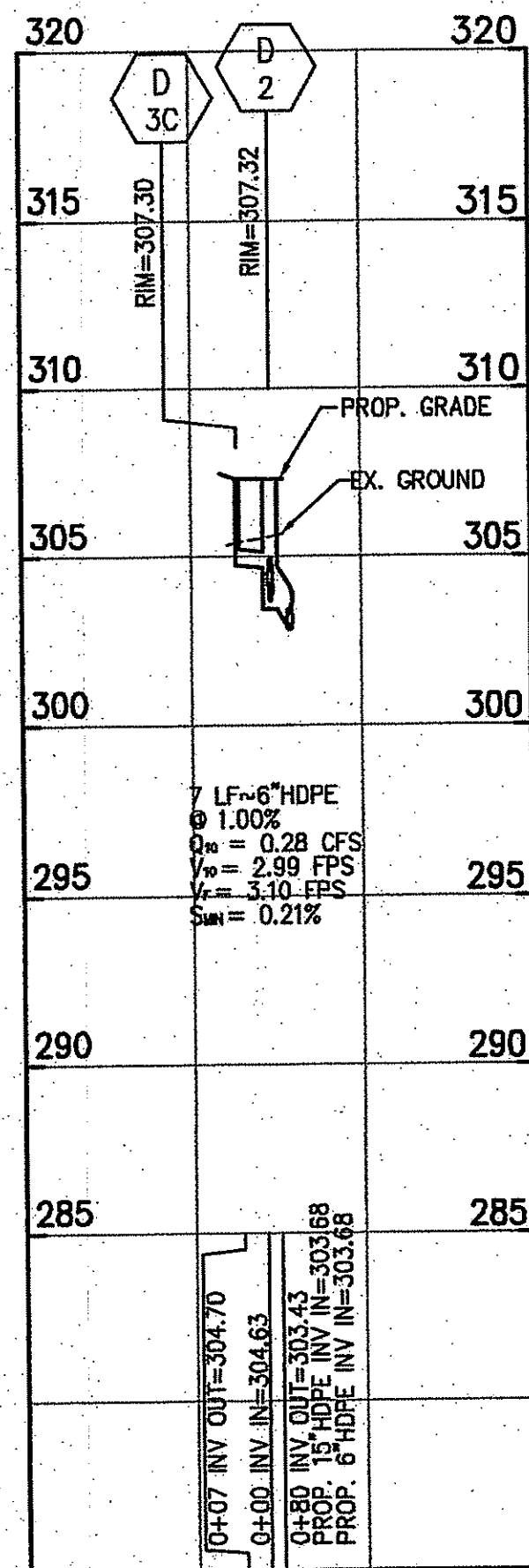
ISSUED FOR PROCUREMENT ON
REVISED
Rev. No. Date Description

STORM DRAIN NOTES, DETAILS AND PROFILES GREENBRIAR LOCAL PARK
Liber 10551 Folio 180
Liber 10551 Folio 183
Liber 10565 Folio 312
SCALE: AS SHOWN

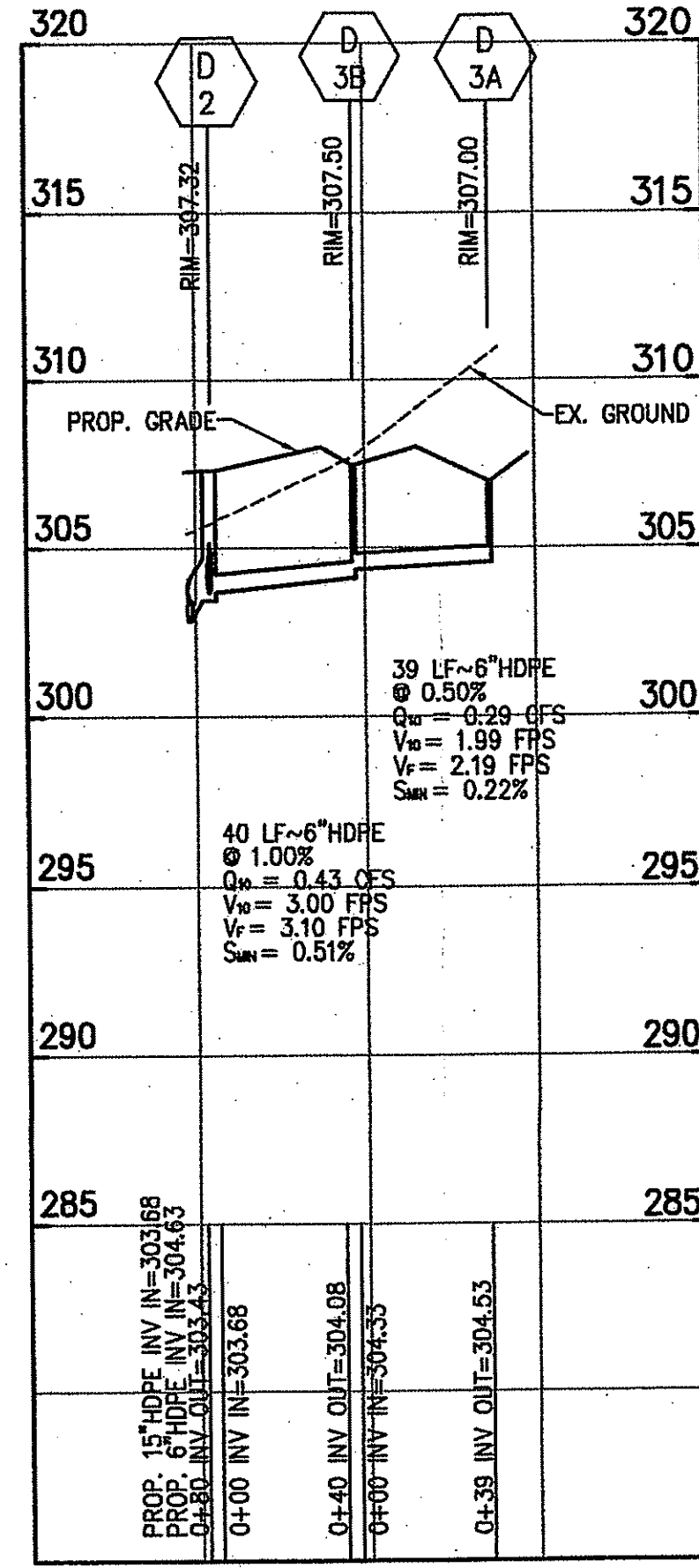
DWG. # 8 of 9
C1.7
SHT. # 22 of 79

CREATED DATE: 10/08/09

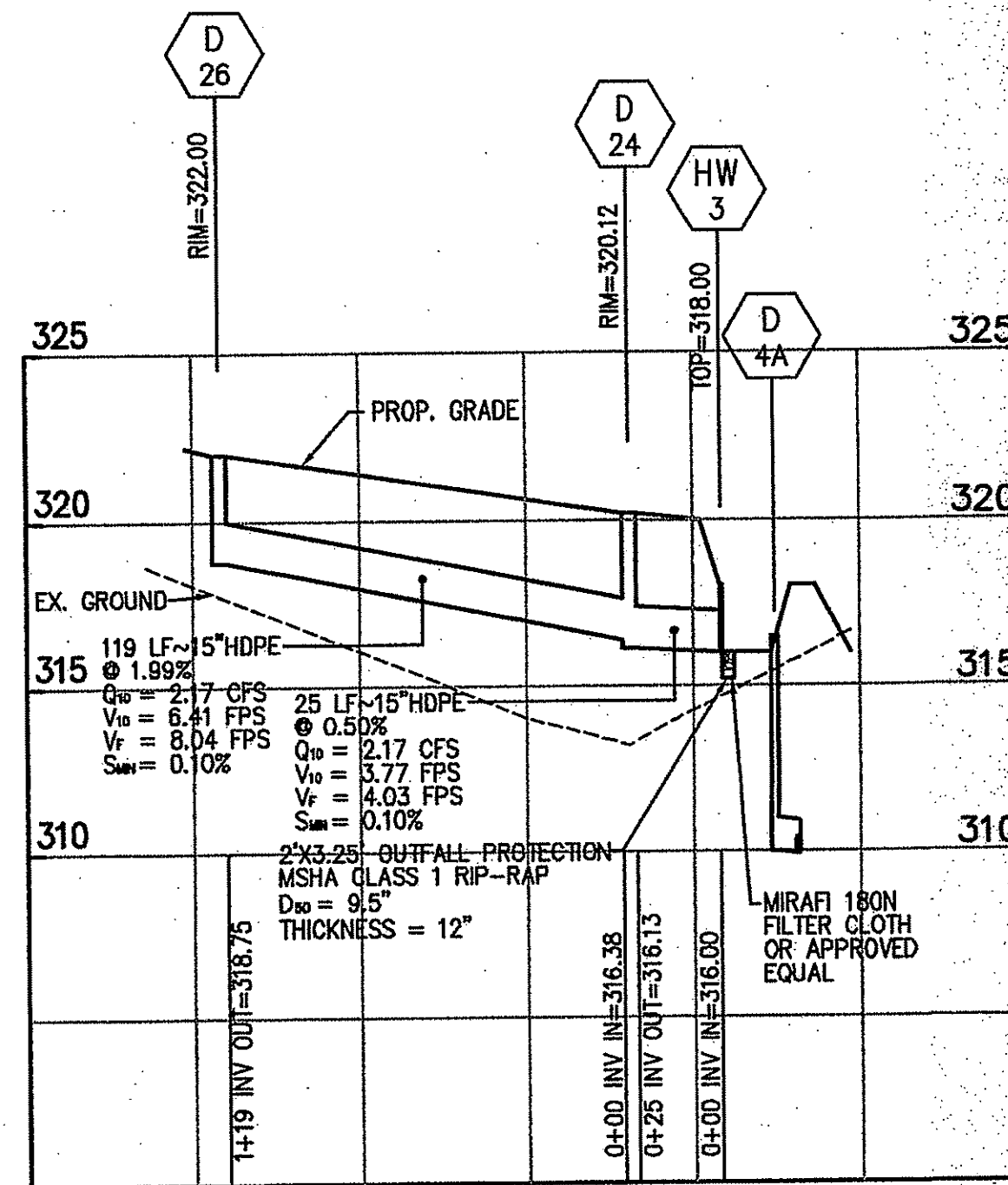
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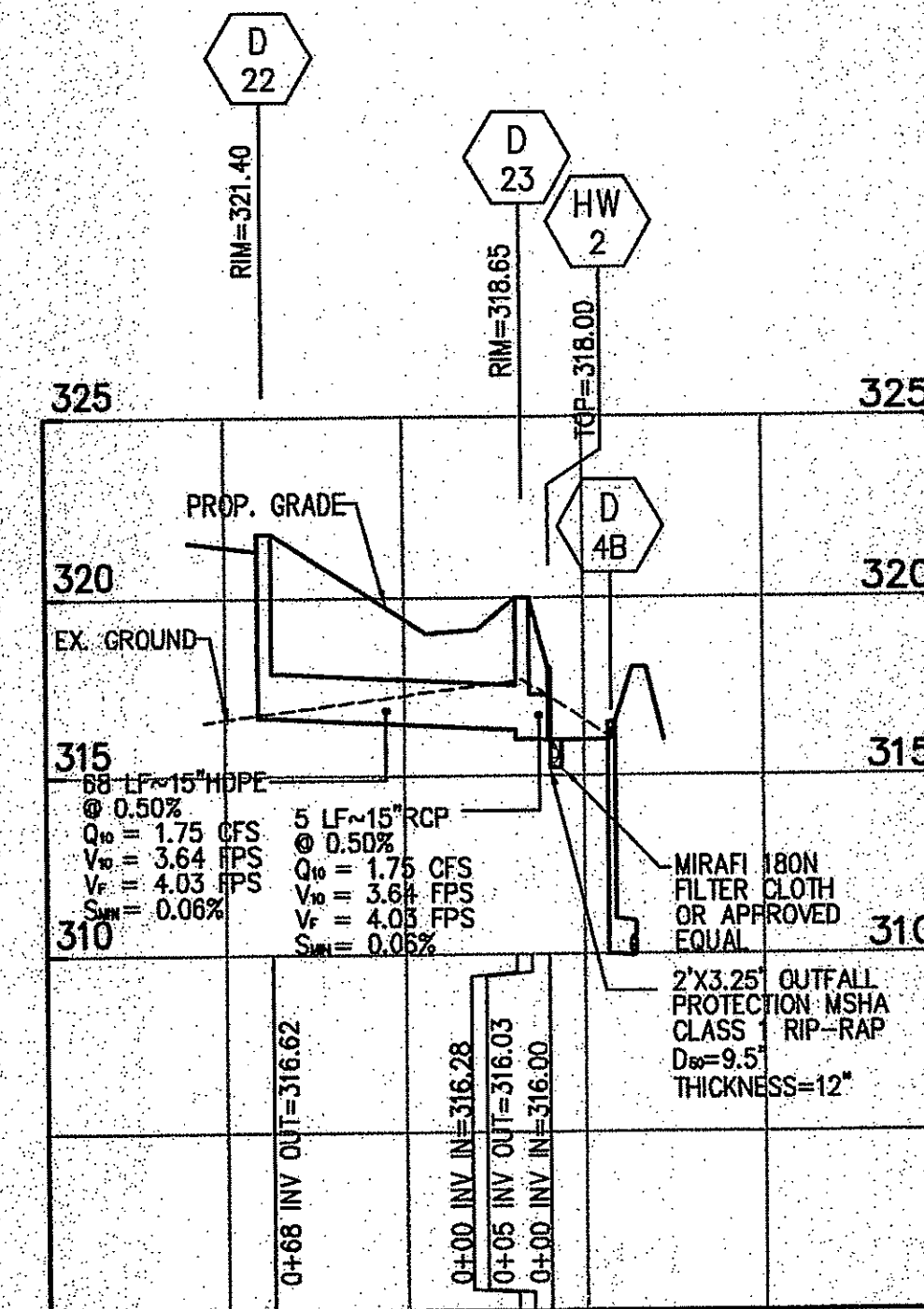
STRUCTURES D-3C TO D-2
SCALE: HORIZ. 1"=50'
VERT. 1"=5'



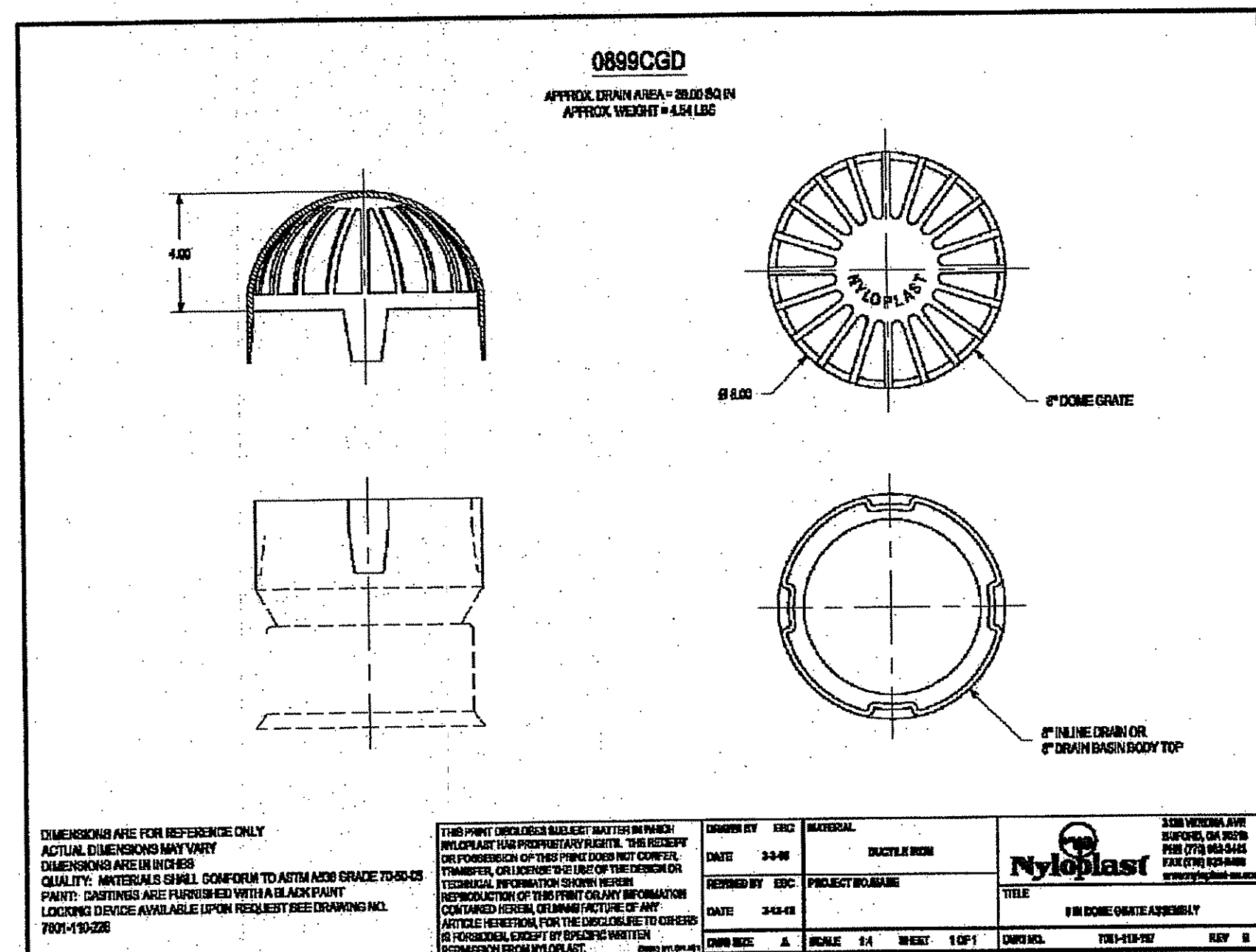
STRUCTURES D-3A TO D-2
SCALE: HORIZ. 1"=50'
VERT. 1"=5'



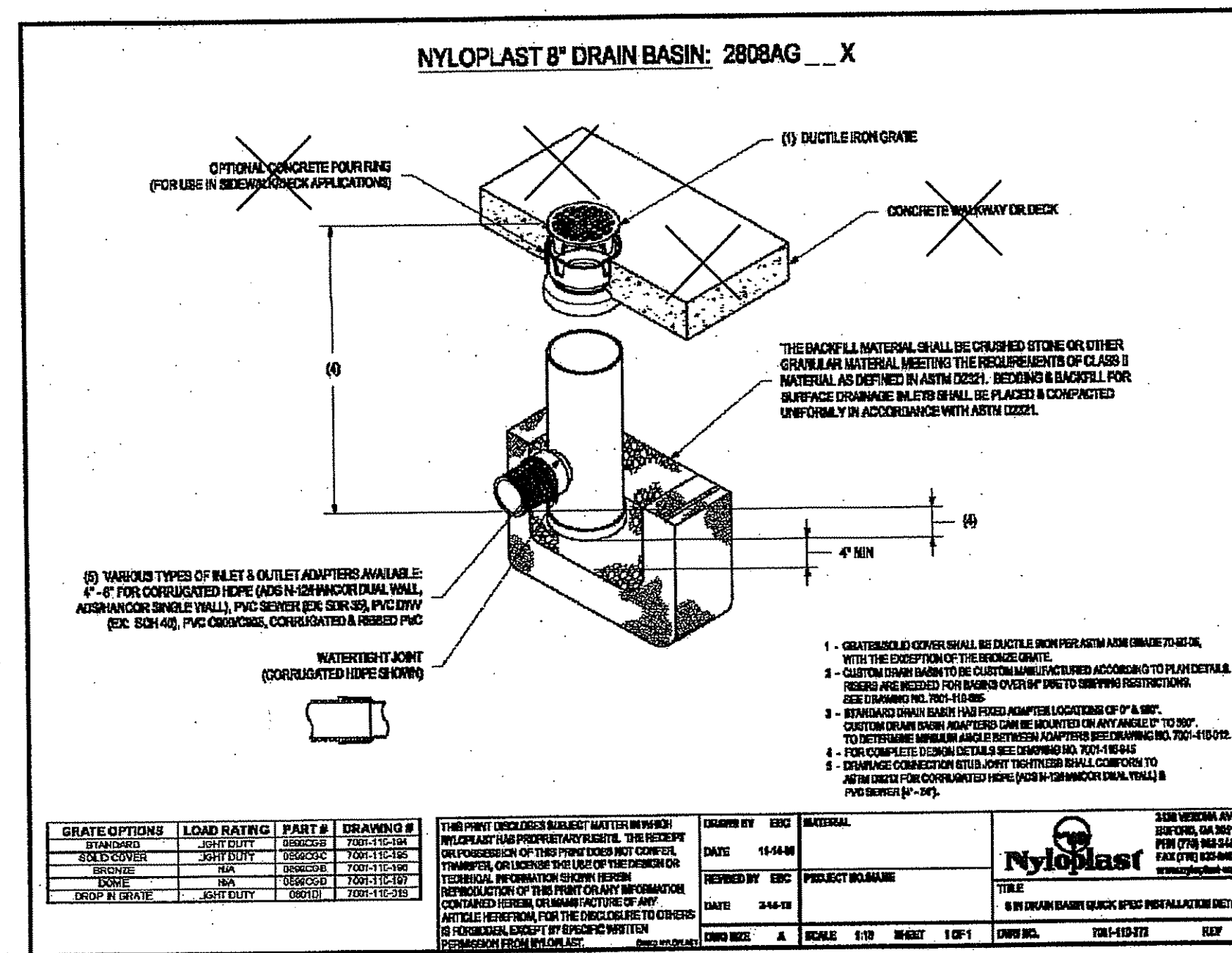
STRUCTURES D-26 TO HW-3
SCALE: HORIZ. 1"=50'
VERT. 1"=5'



STRUCTURES D-22 TO HW-2
SCALE: HORIZ. 1"=50'
VERT. 1"=5'



8" DRAIN BASIN FOR D-3A, D-3B AND D-3C



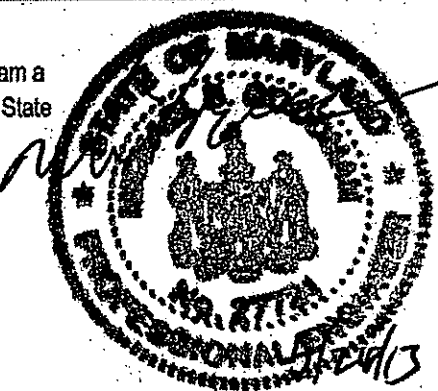
NOTES:

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2. SHOP DRAWINGS MUST BE APPROVED BY M-NCPPC CONSTRUCTION MANAGER BEFORE FABRICATION.
3. ALL HDPE PIPE TO BE ADS N-12 OR APPROVED EQUAL.
4. INLETS SHALL HAVE RETICULAR GRATES.

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Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.
License No. 27721
Expiration Date 07-19-2014



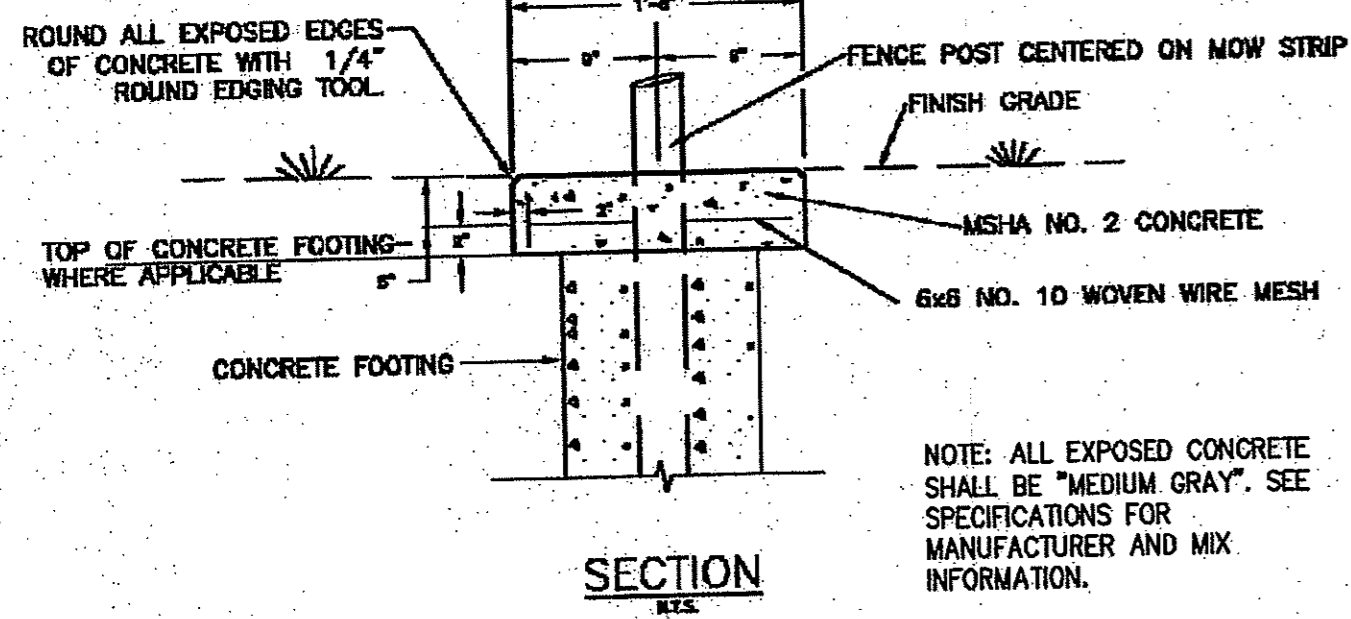
The Maryland-National Capital Park and Planning Commission
Montgomery County Department of Parks
9500 Brunett Avenue
Silver Spring, Maryland 20901
(301) 495-2535

REVIEW AND APPROVAL	
Project Manager Date 8/13/13	Wade K... B...
Project Engineer Date 8/13/13	B...
Construction Manager Date	
Park Manager Date	

ISSUED FOR PROCUREMENT ON		
REVISIONS		
Rev. No.	Date	Description

STORM DRAIN NOTES, DETAILS AND PROFILES GREENBRIAR LOCAL PARK
Liber 10551 Folio 180
Liber 10551 Folio 183
Liber 10565 Folio 312
SCALE: AS SHOWN

DWG. # 9 of 9
C1.8
SHT. # 23 of 79

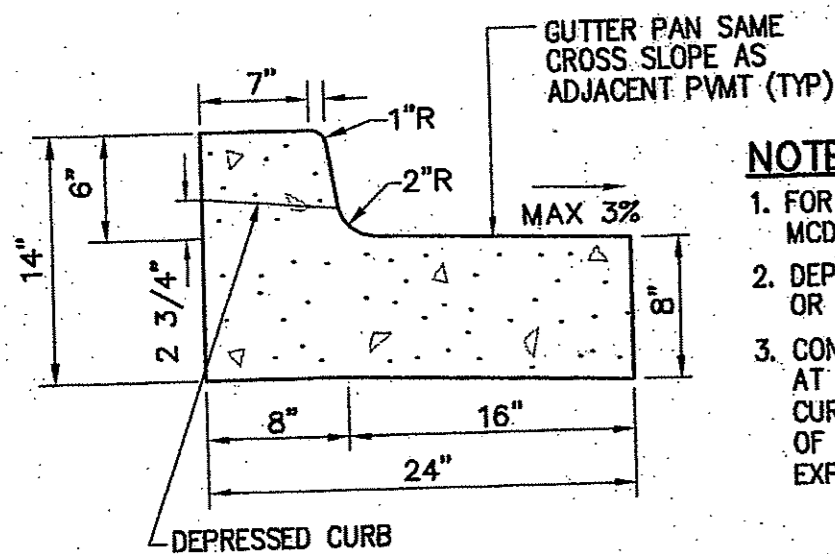


- NOTES**
- FENCE POST IN CONCRETE FOOTING SHALL BE INSTALLED BEFORE MOW STRIP IS PLACED.
 - SUBGRADE SHALL BE DRY, FIRM AND WELL-TAMPED.
 - CONCRETE MOW STRIP SHALL BE FORMED WITH NO LESS THAN 2" X 6" (NOM.) LUMBER.
 - STEEL FORMS MAY BE USED.
 - CONCRETE SURFACE SHALL BE TROWELED SMOOTH AND ALL EXPOSED EDGES BE GIVEN A 2" WIDE BORDER WITH A ROUNDED EDGING TOOL.
 - EXPANSION JOINTS SHALL BE PLACED AT 20' INTERVALS.

THE MARYLAND-NATIONAL CAPITAL PARK AND PLANNING COMMISSION
Department of Park and Planning, Montgomery County, Maryland

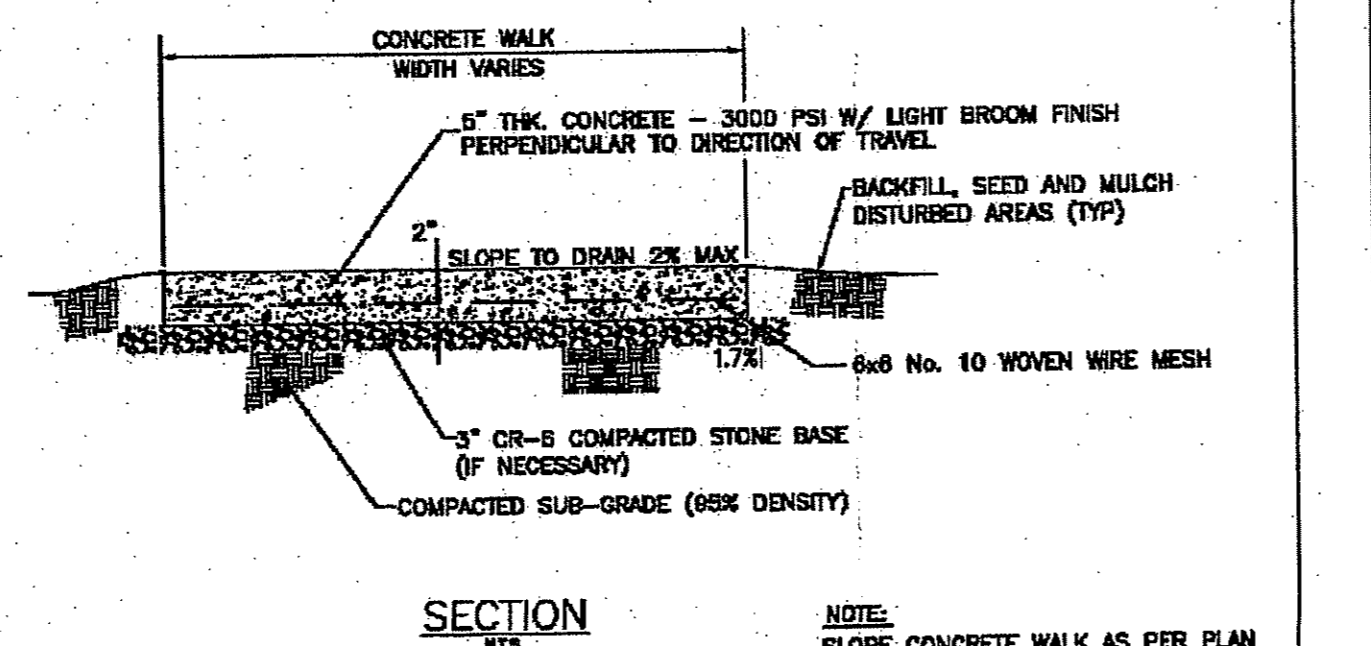
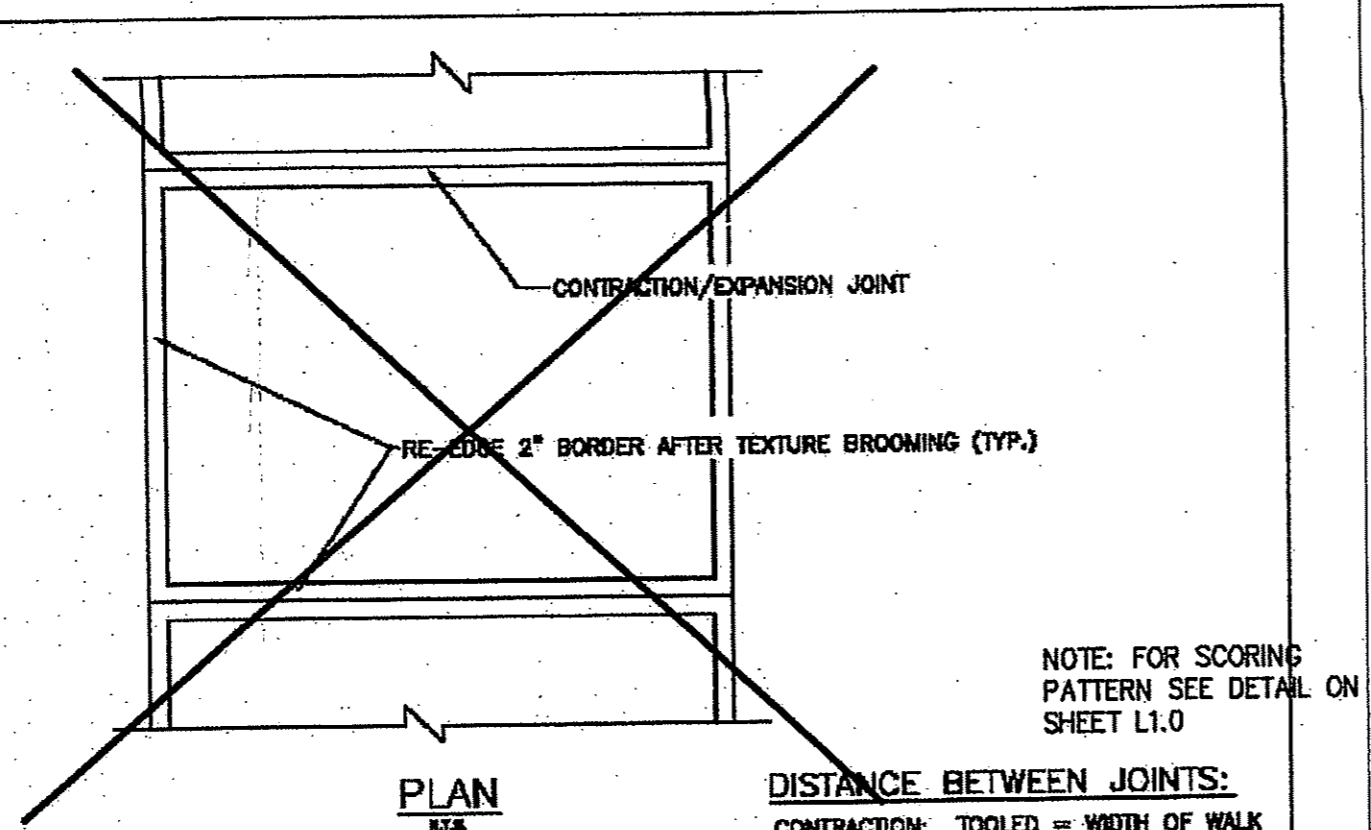
PARK DEVELOPMENT DIVISION	DATE APPROVED	CONCRETE MOW STRIP	STANDARD NO.
DESIGNED BY	CHECKED BY		110
DESIGNED BY	CHECKED BY		
DESIGNED BY	CHECKED BY		

1 CONCRETE MOW STRIP
C2.0 NTS



- NOTES:**
- FOR STANDARD CURB & GUTTER, SEE MCDOT STD. NO. MC-100.01
 - DEPRESS CURB AT DRIVEWAY ENTRANCES OR WHERE NOTED ON PLAN
 - CONSTRUCT JOINTS AT 100' INTERVALS AT BEGINNING AND END OF SHORT RADIUS CURVES, STRUCTURES, AND AT MID POINT OF CURB RETURN, USING 1/2" PRE FORMED EXPANSION JOINT FILLER, NON-EXPANDING

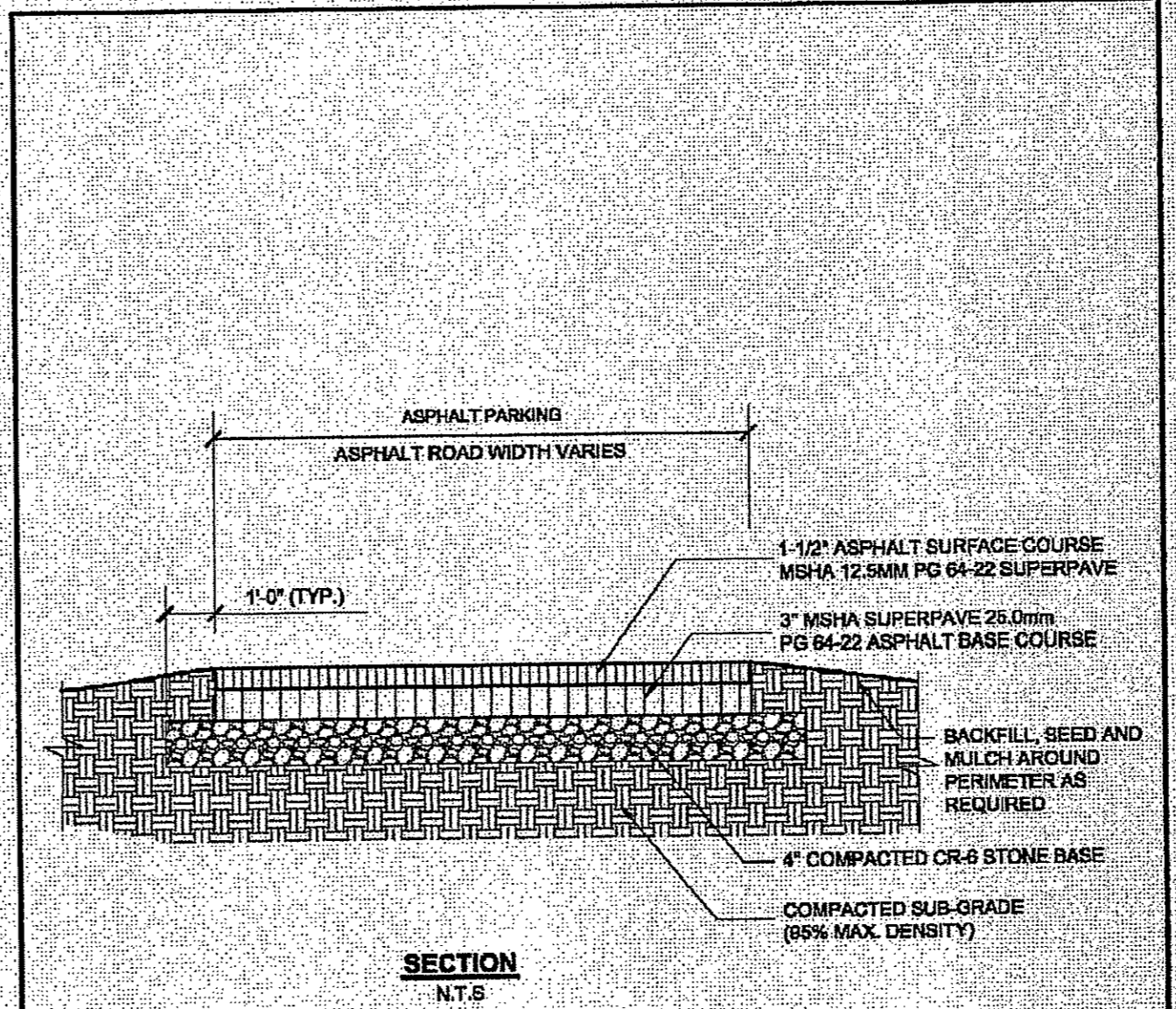
5 SPILL GUTTER
C2.0 NTS



THE MARYLAND-NATIONAL CAPITAL PARK AND PLANNING COMMISSION
Department of Park and Planning, Montgomery County, Maryland

PARK DEVELOPMENT DIVISION	DATE APPROVED	CONCRETE WALK	STANDARD NO.
DESIGNED BY	CHECKED BY		311
DESIGNED BY	CHECKED BY		
DESIGNED BY	CHECKED BY		

2 CONCRETE WALK
C2.0 NTS

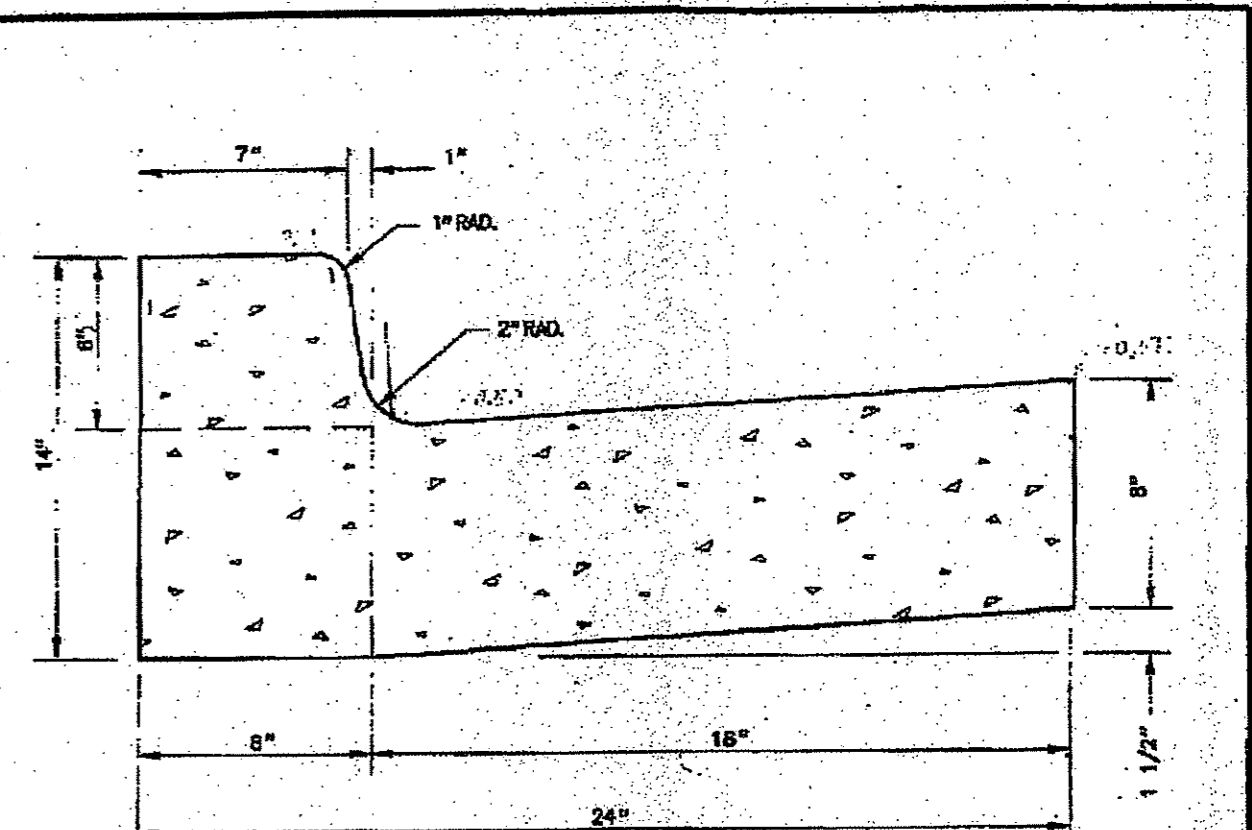


ROAD AND PARKING PAVEMENT SECTION
The Maryland-National Capital Park and Planning Commission
Montgomery County Department of Parks

DATE	REVISION	DESCRIPTION

DETAIL NO. 301
AUGUST 2007

3 PAVEMENT SECTION
C2.0 NTS



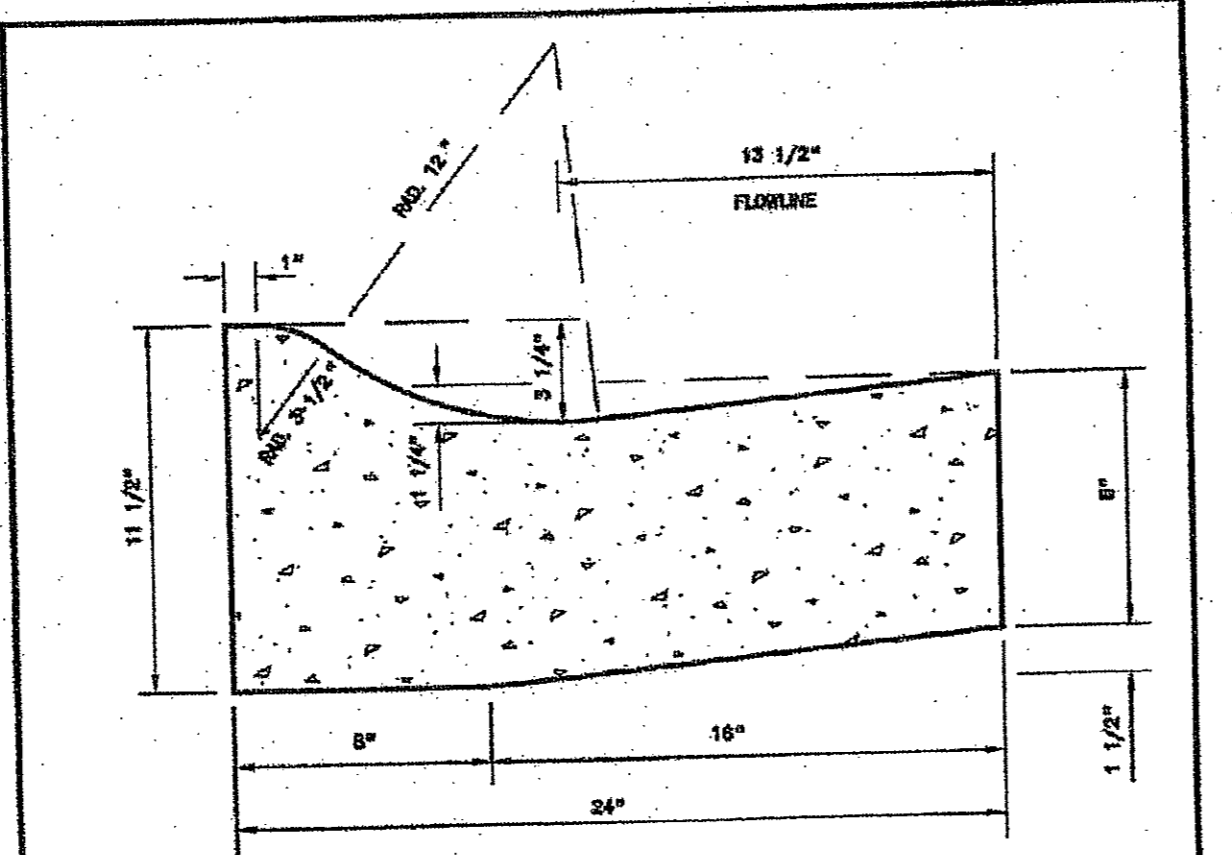
GENERAL NOTES

- REFER TO MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION SPECIFICATIONS FOR MATERIALS, METHODS OF CONSTRUCTION AND EXPANSION JOINT LOCATIONS.
- THIS STANDARD SHALL BE USED ON PRIMARY RESIDENTIAL, ARTERIAL AND BUSINESS DISTRICT ROADS AS WELL AS CURB RETURNS AND INLET THROATS.
- WHENEVER STANDARD MC-101.01 CURB IS USED IN CONJUNCTION WITH THIS STANDARD, A TEN FOOT TRANSITION SHALL BE PROVIDED FROM STANDARD MC-100.01 TO STANDARD MC-101.01 FOR CURB RETURNS AND CURB SECTIONS WHICH INCLUDE INLETS.
- THE STANDARD DISTANCE BETWEEN JOINTS SHALL BE TEN FEET (MAXIMUM AND MINIMUM DISTANCES SHALL BE THIRTEEN FEET AND FIVE FEET RESPECTIVELY).
- EXPANSION JOINT MATERIAL SHALL BE 1/2" HIGH PREFORMED CORK, TRIMMED AND SEALED WITH NON-STIKING TWO-COMPONENT POLYURETHANE OR POLYURETHANE ELASTOMERIC TYPE SEALANT COMPLYING WITH ASTM-C920.

APPROVED	DATE	REVISION	DESCRIPTION
	JAN 5/06		

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION
COMBINATION CONCRETE CURB AND GUTTER TYPE A
STANDARD NO. MC-100.01

4 CURB AND GUTTER
C2.0 NTS



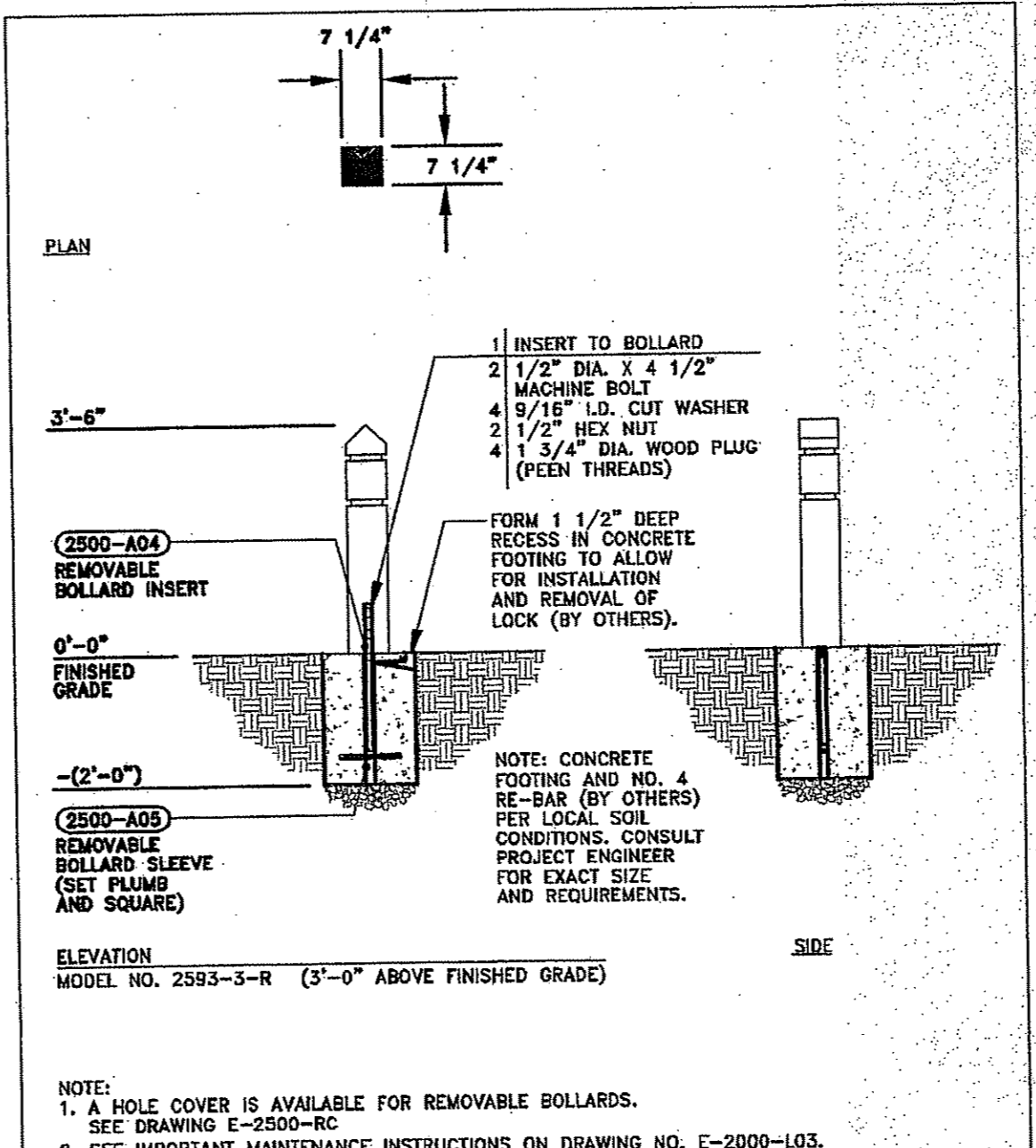
GENERAL NOTES

- REFER TO MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION SPECIFICATIONS FOR MATERIALS, METHODS OF CONSTRUCTION, AND EXPANSION JOINT LOCATIONS.
- MOUNTABLE CURB SHALL ONLY BE USED ON TERTIARY STREETS OR ON SECONDARY RESIDENTIAL CURB-DE-SACS 500 FEET OR LESS IN LENGTH, MEASURED FROM THE LAST INTERSECTING STREET.
- WHENEVER STANDARD MC-100.01 IS USED IN CONJUNCTION WITH THIS STANDARD, A TEN FOOT TRANSITION SHALL BE PROVIDED FROM STANDARD MC-104.01 TO STANDARD MC-100.01 FOR CURB RETURNS AND CURB SECTIONS WHICH INCLUDE INLETS.
- TRANSITION BETWEEN STANDARD MC-104.01 AND MC-100.01 OR MC-101.01 SHALL BE ACCOMPLISHED HOLDING THE FLOW LINE SLOPE CONSTANT.
- THE STANDARD DISTANCE BETWEEN JOINTS SHALL BE TEN FEET (MAXIMUM AND MINIMUM DISTANCES SHALL BE THIRTEEN FEET AND FIVE FEET RESPECTIVELY).
- EXPANSION JOINT MATERIAL SHALL BE 1/2" HIGH PREFORMED CORK, TRIMMED AND SEALED WITH NON-STIKING TWO-COMPONENT POLYURETHANE OR POLYURETHANE ELASTOMERIC TYPE SEALANT COMPLYING WITH ASTM-C920.

APPROVED	DATE	REVISION	DESCRIPTION
	14 APR 06		

MONTGOMERY COUNTY DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION
MOUNTABLE CONCRETE CURB AND GUTTER TYPE F
STANDARD NO. MC-104.01

6 MOUNTABLE CURB AND GUTTER
C2.0 NTS



DATE	REVISION	DESCRIPTION

REMOVABLE BOLLARD BY TIMBERFORM OR APPROVED EQUAL

7 REMOVABLE BOLLARD
C2.0 NTS

NOTE: ALL EXPOSED CONCRETE SHALL BE "MEDIUM GRAY". SEE SPECIFICATIONS FOR MANUFACTURER AND MIX INFORMATION.

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Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.

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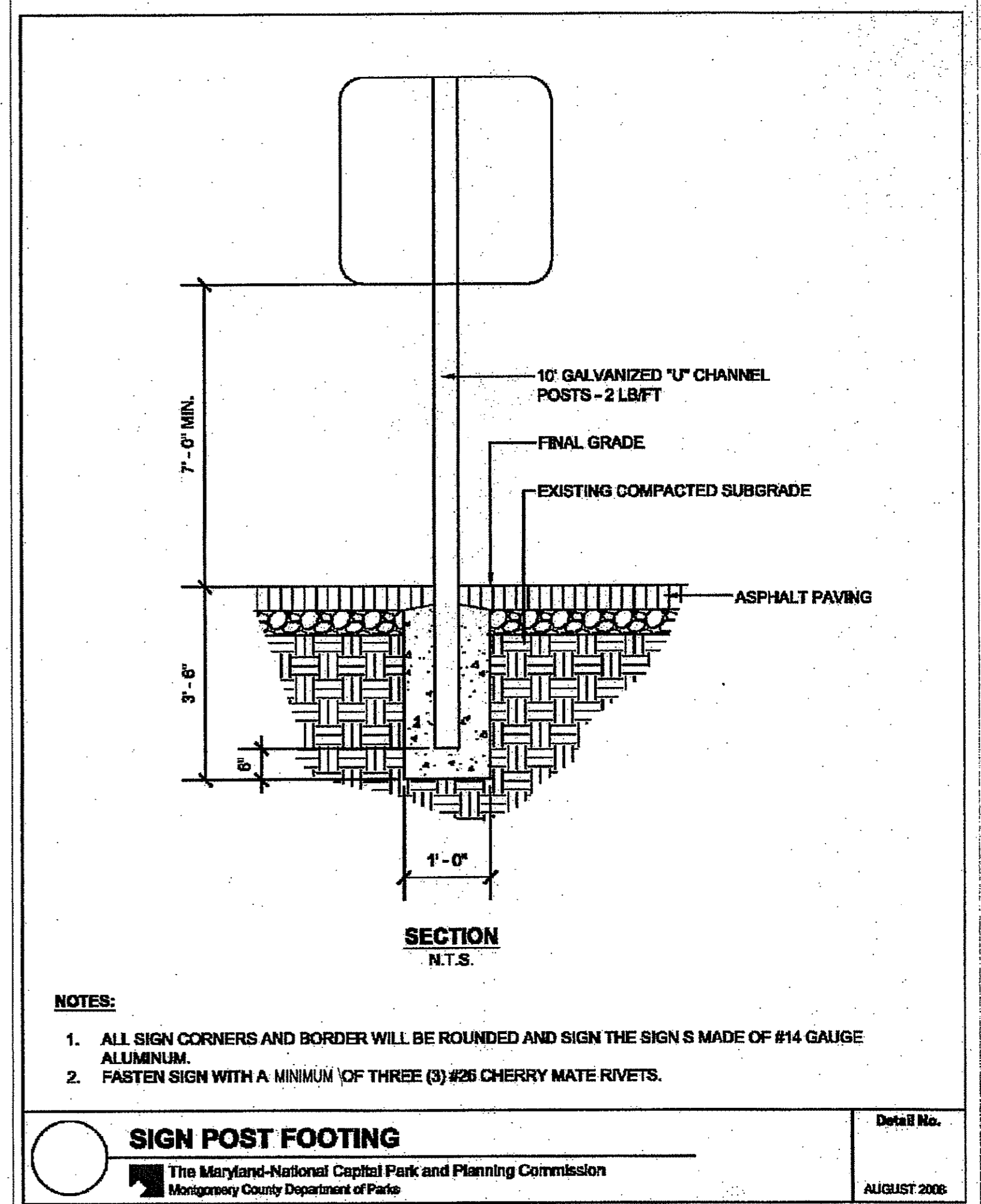
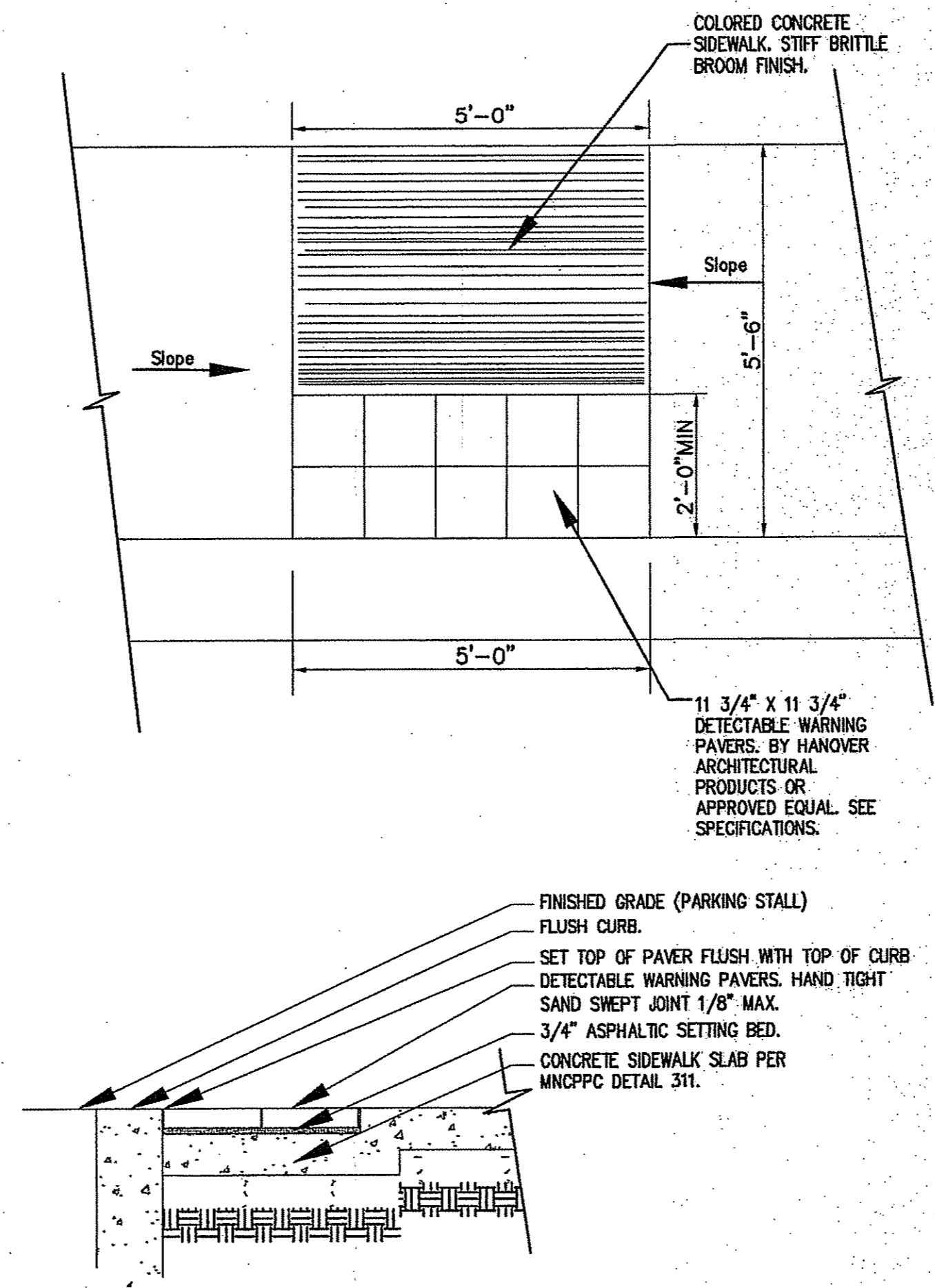
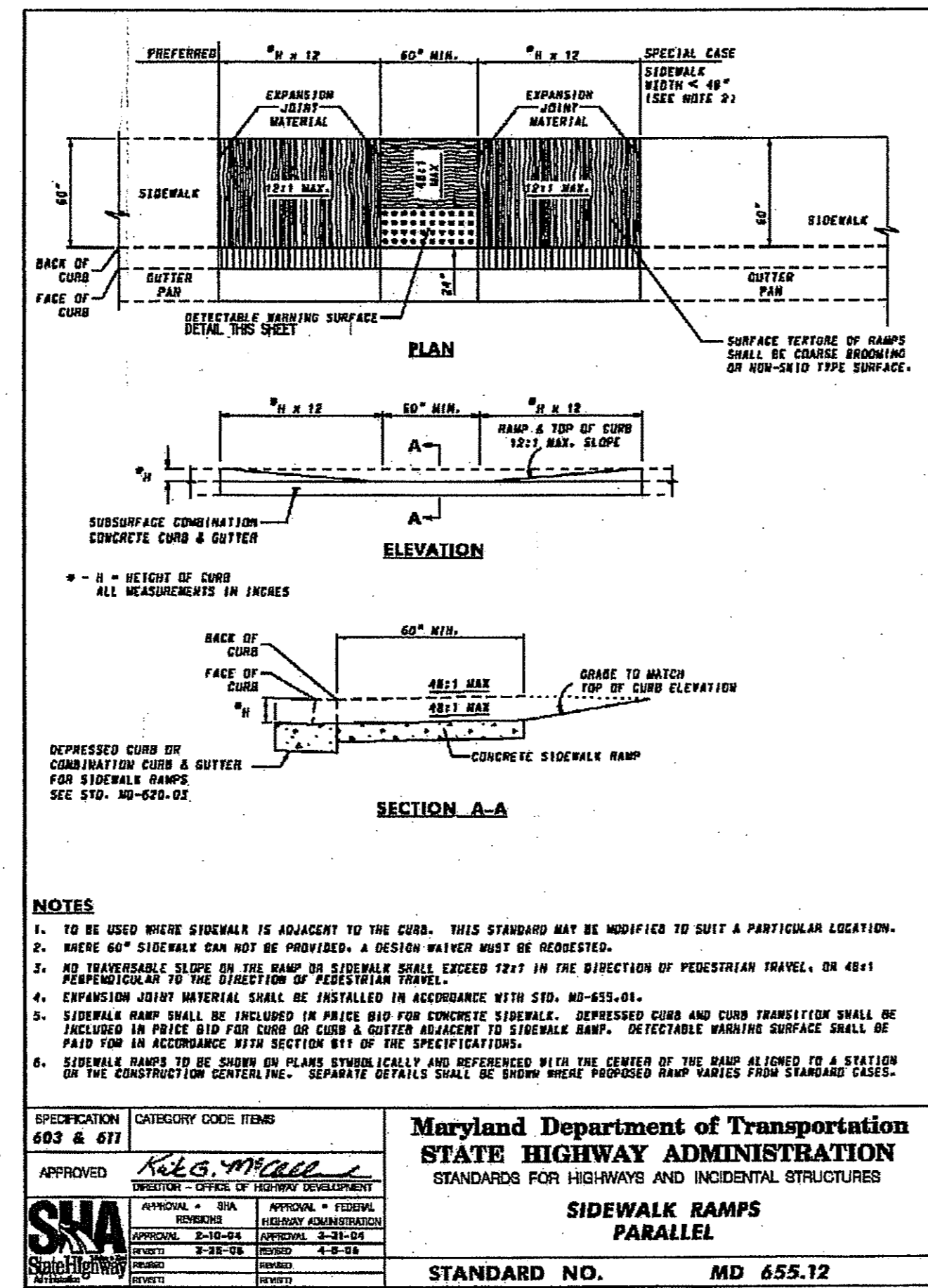
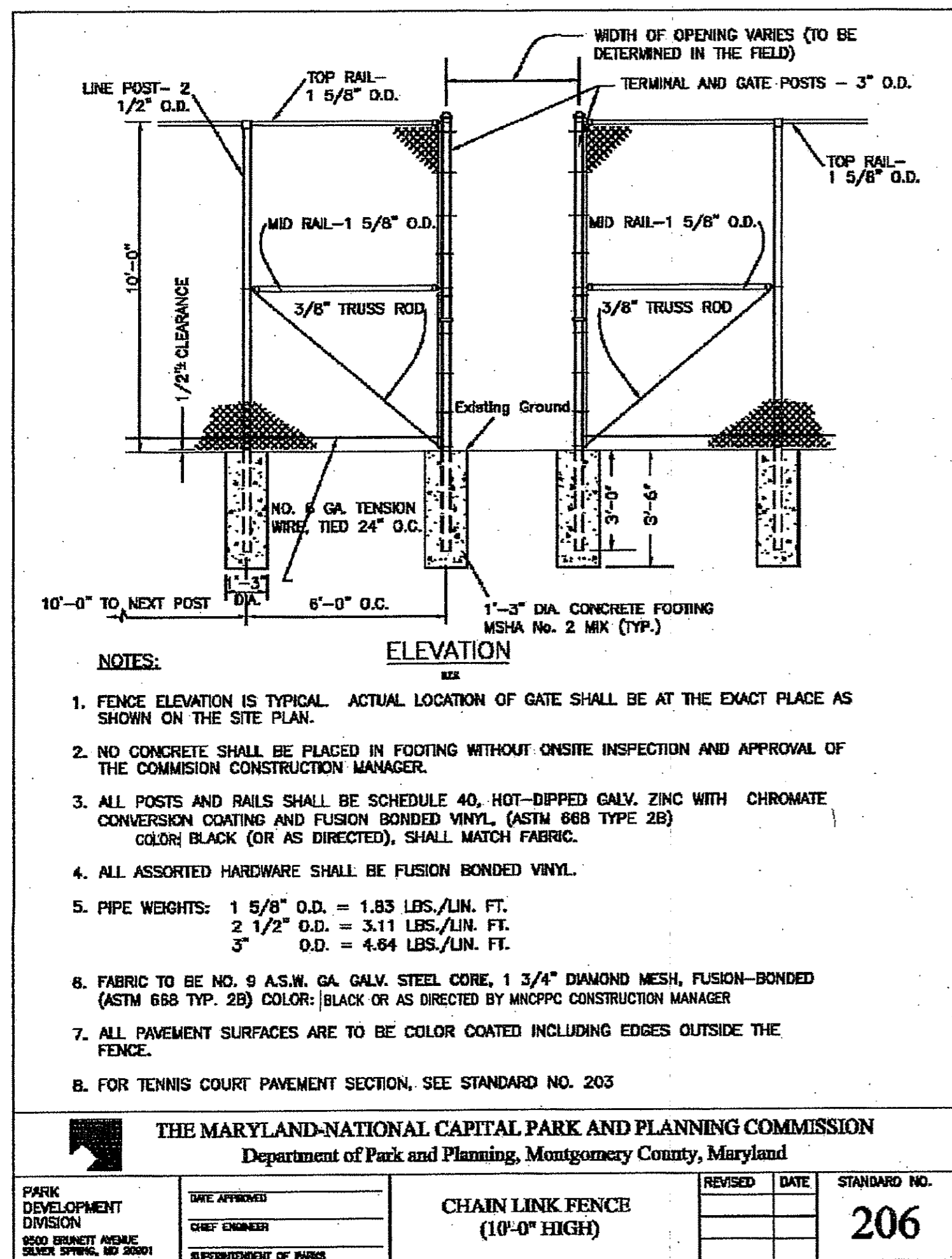
The Maryland-National Capital Park and Planning Commission
Montgomery County Department of Parks
9500 Brunnet Avenue
Silver Spring, Maryland 20901
(301) 495-2535

REVIEW AND APPROVAL		ISSUED FOR PROCUREMENT ON	
Project Manager	Date	Rev. No.	Date
Project Engineer	Date		
Construction Manager	Date		
Park Manager	Date		

CONSTRUCTION SITE
PAVING DETAILS
GREENBRIAR LOCAL PARK

SCALE: AS SHOWN

Liber 10551 Folio 180
Liber 10551 Folio 183
Liber 10565 Folio 312

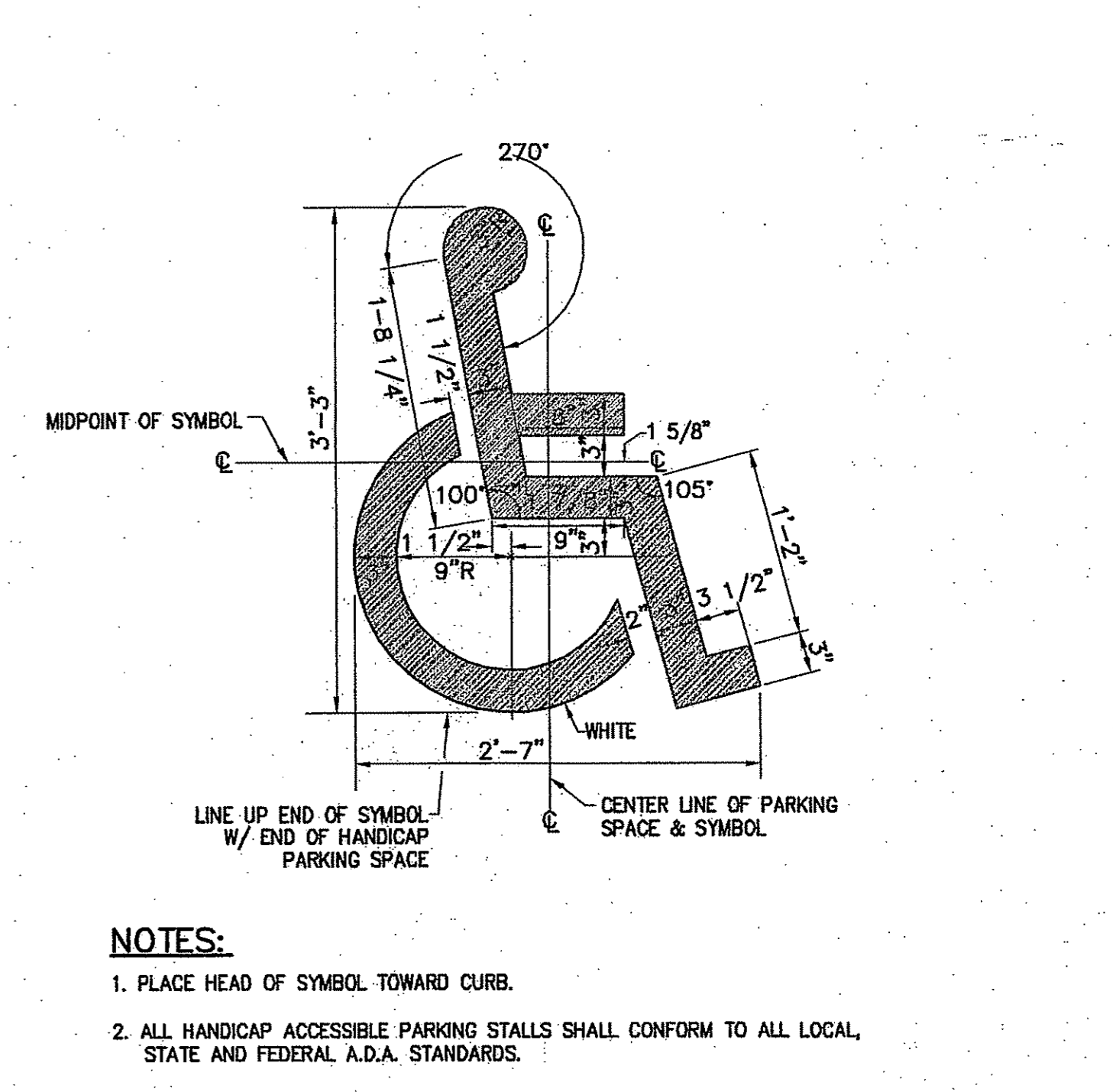
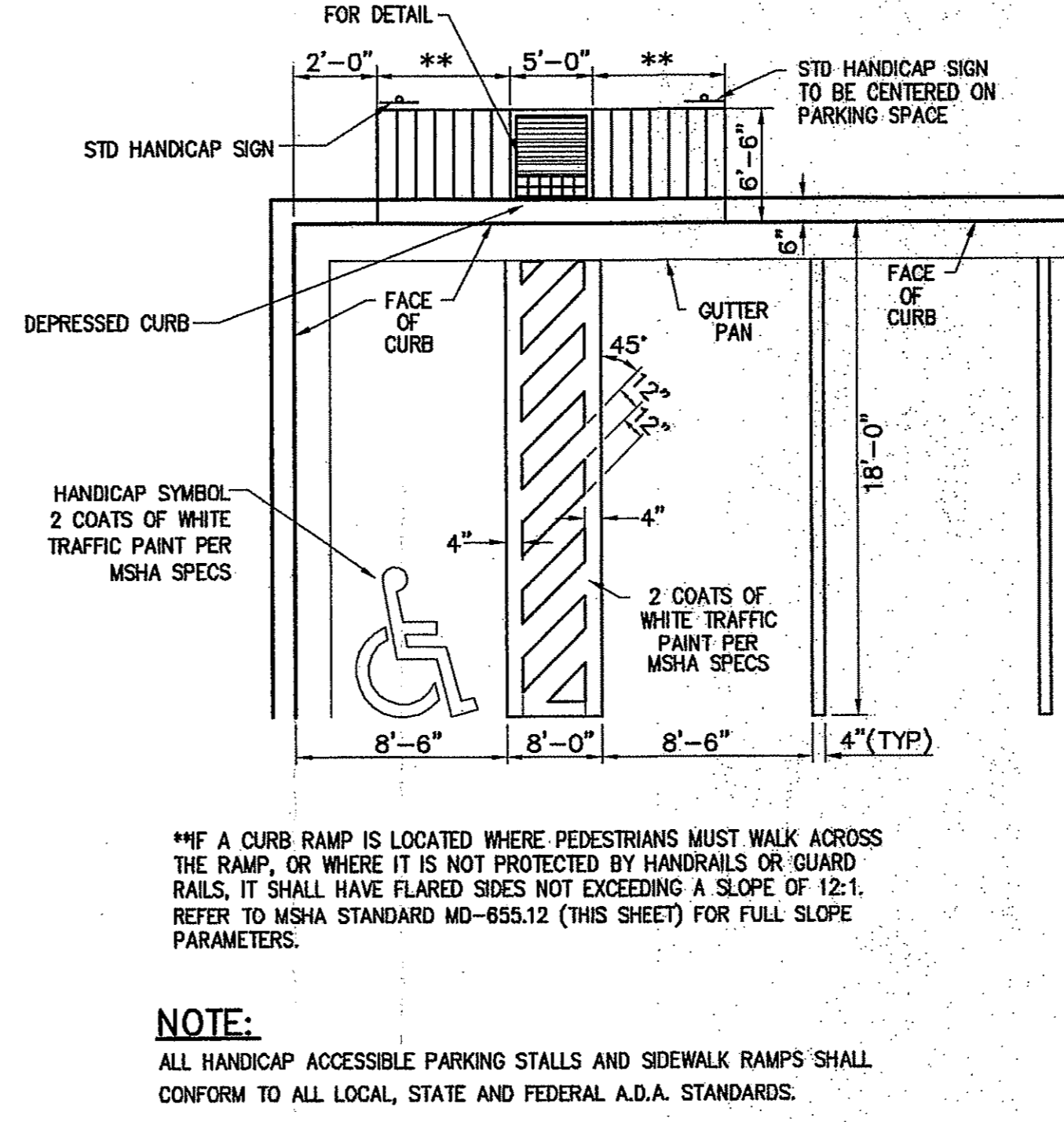
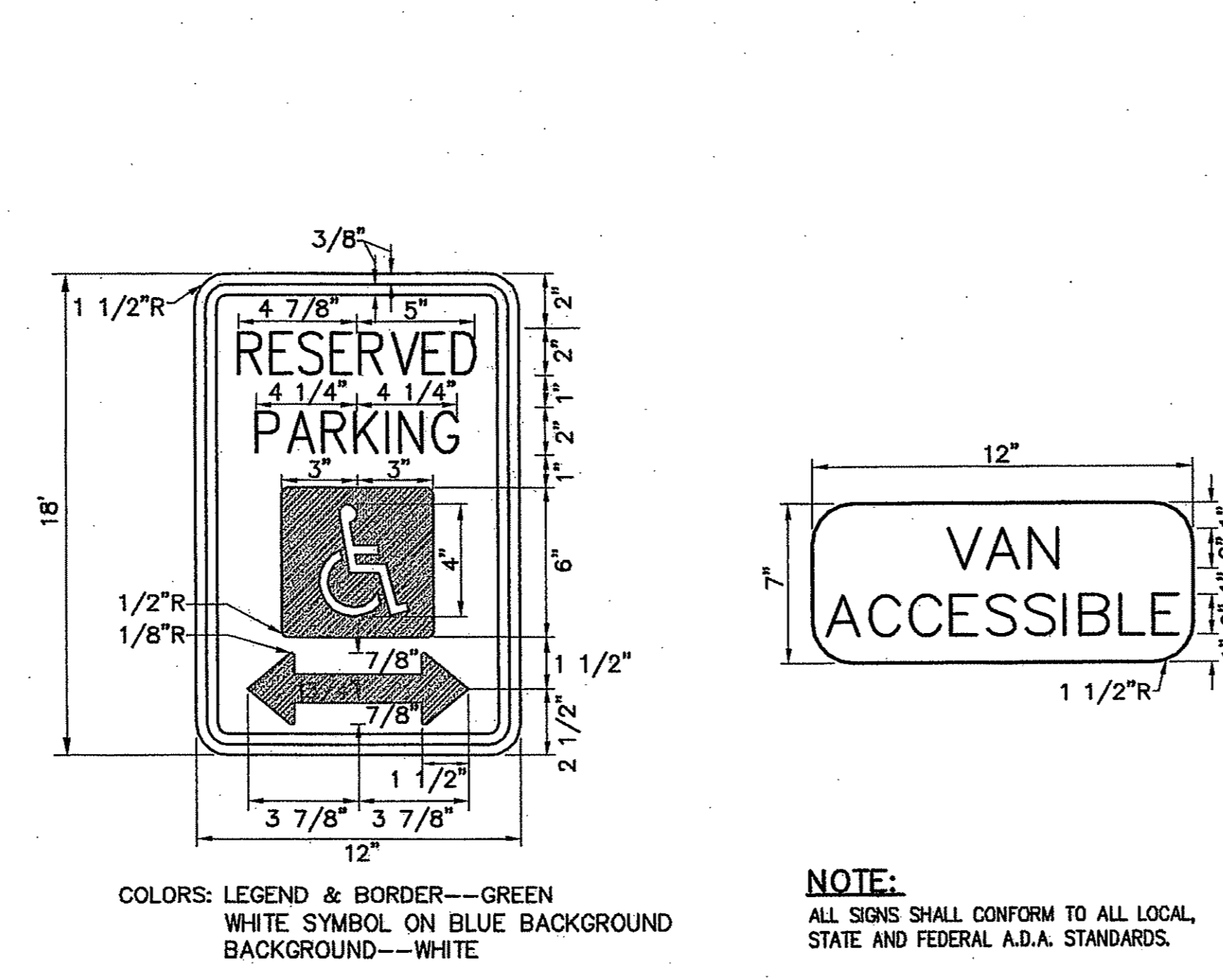
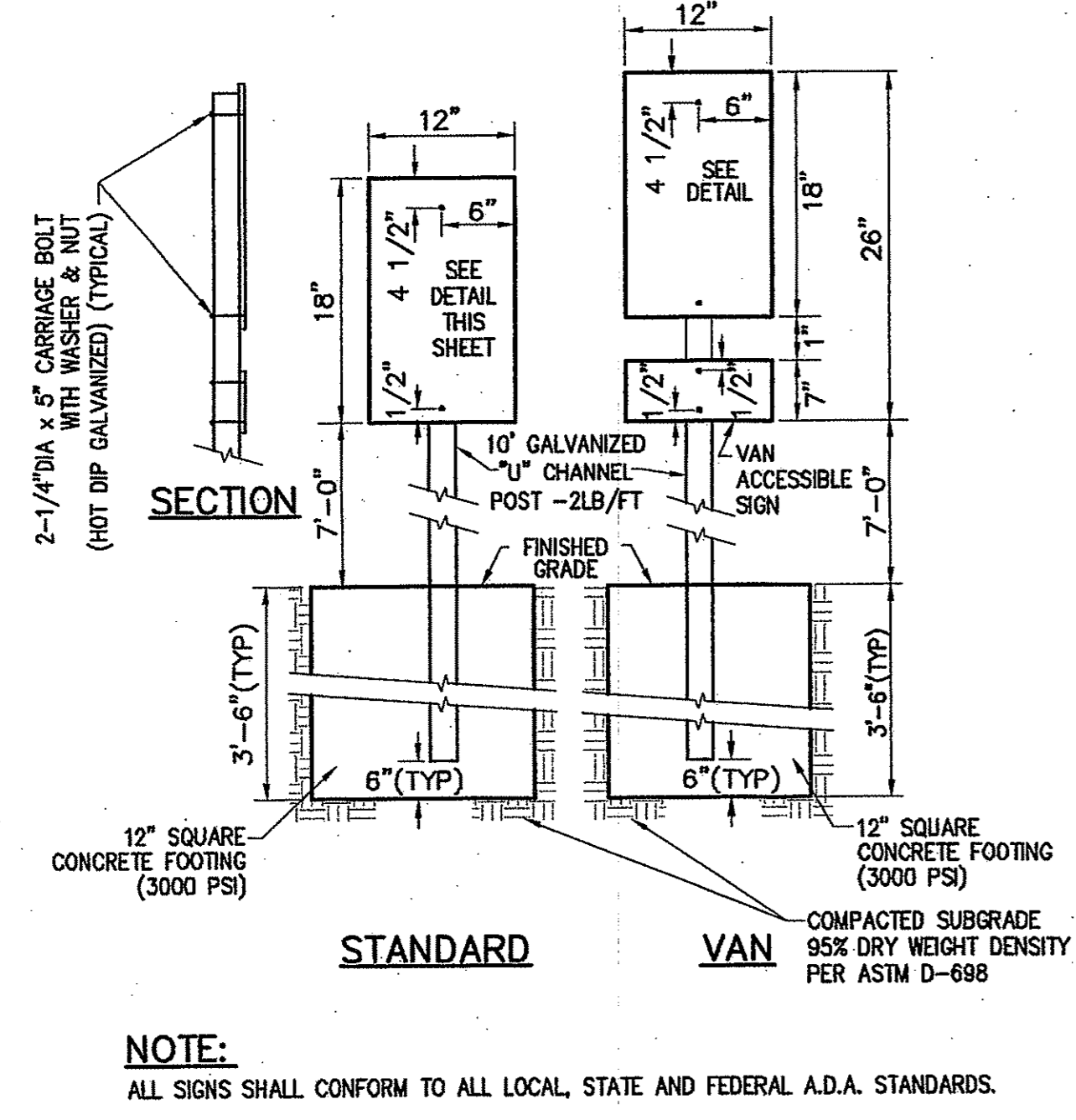


1 CHAIN LINK FENCE
C2.1 NTS

2 SIDEWALK RAMPS
C2.1 NTS

3 DETECTABLE WARNING
C2.1 NTS

4 SIGN POST FOOTING
C2.1 NTS



5 HANDICAP SIGN AND POST DETAIL
C2.1 NTS

6 HANDICAP SIGN LAYOUT
C2.1 NTS

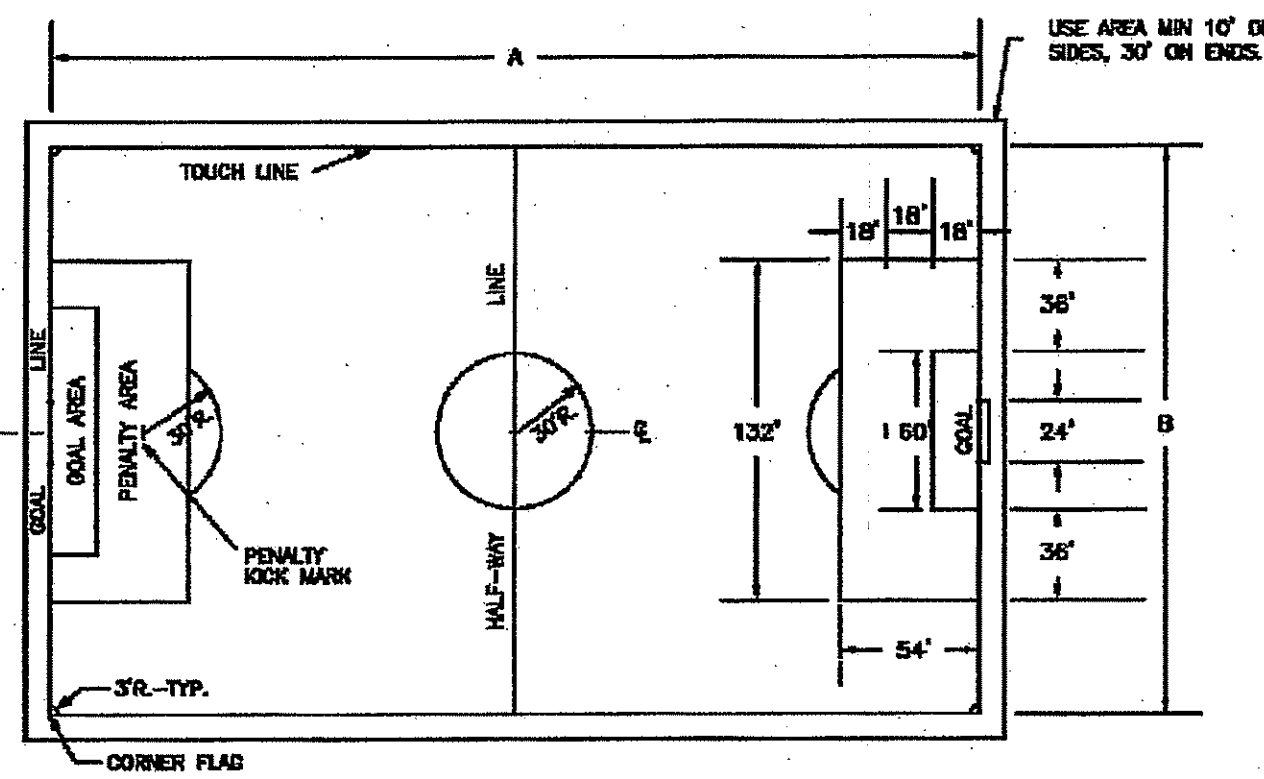
7 HANDICAP PARKING STALL LAYOUT
C2.1 NTS

8 HANDICAP ACCESS STENCIL LAYOUT
C2.1 NTS

hord coplan macht HORD COPLAN MACHT, INC. ARCHITECTURE LANDSCAPE ARCHITECTURE PLANNING INTERIOR DESIGN 750 E. Pratt Street Suite 1100 Baltimore, MD 21202 410 837 7311 410 837 6530 fax www.hcm2.com	VIA ENGINEERS/PLANNERS/LANDSCAPE ARCHITECTS/SURVEYORS/SUSTAINABLE DESIGN 20251 CENTURY BOULEVARD SUITE 400B GREENBELT, MARYLAND 20874 301-991-4100 # FAX (301)991-2252 GREENBELT, MD GREENBELT, VA	Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland. License No. 27721 Expiration Date 07-19-2014	 The Maryland-National Capital Park and Planning Commission Montgomery County Department of Parks 9500 Brunett Avenue Silver Spring, Maryland 20901 (301) 495-2535	REVIEW AND APPROVAL Project Manager Date 8/1/13 <i>W. DeFord</i> Project Engineer Date 8/15/13 <i>Gregory A. Hord</i> Construction Manager Date Park Manager Date	ISSUED FOR PROCUREMENT ON REVISIONS <table border="1"> <tr> <th>Rev. No.</th> <th>Date</th> <th>Description</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	Rev. No.	Date	Description							CONSTRUCTION SITE ADA AND SIGN DETAILS GREENBRIAR LOCAL PARK Liber 10551 Folio 180 Liber 10551 Folio 183 Liber 10565 Folio 312 SCALE: AS SHOWN	DWG.# 2 of 3 C2.1 SHT.# 25 of 79
				Rev. No.	Date	Description										
CREATED DATE: 10/09/09																

USE	AGE GROUP	A	B
ADULT REGULATION OR HIGH SCHOOL	12 AND UP	320' MIN. 300' PREFERRED	185' MIN. 220' PREFERRED
YOUTH OR PRACTICE	UNDER 12	250' MIN.	150' MIN.

RATIO OF WIDTH TO LENGTH SHOULD BE APPROXIMATELY 0.50.

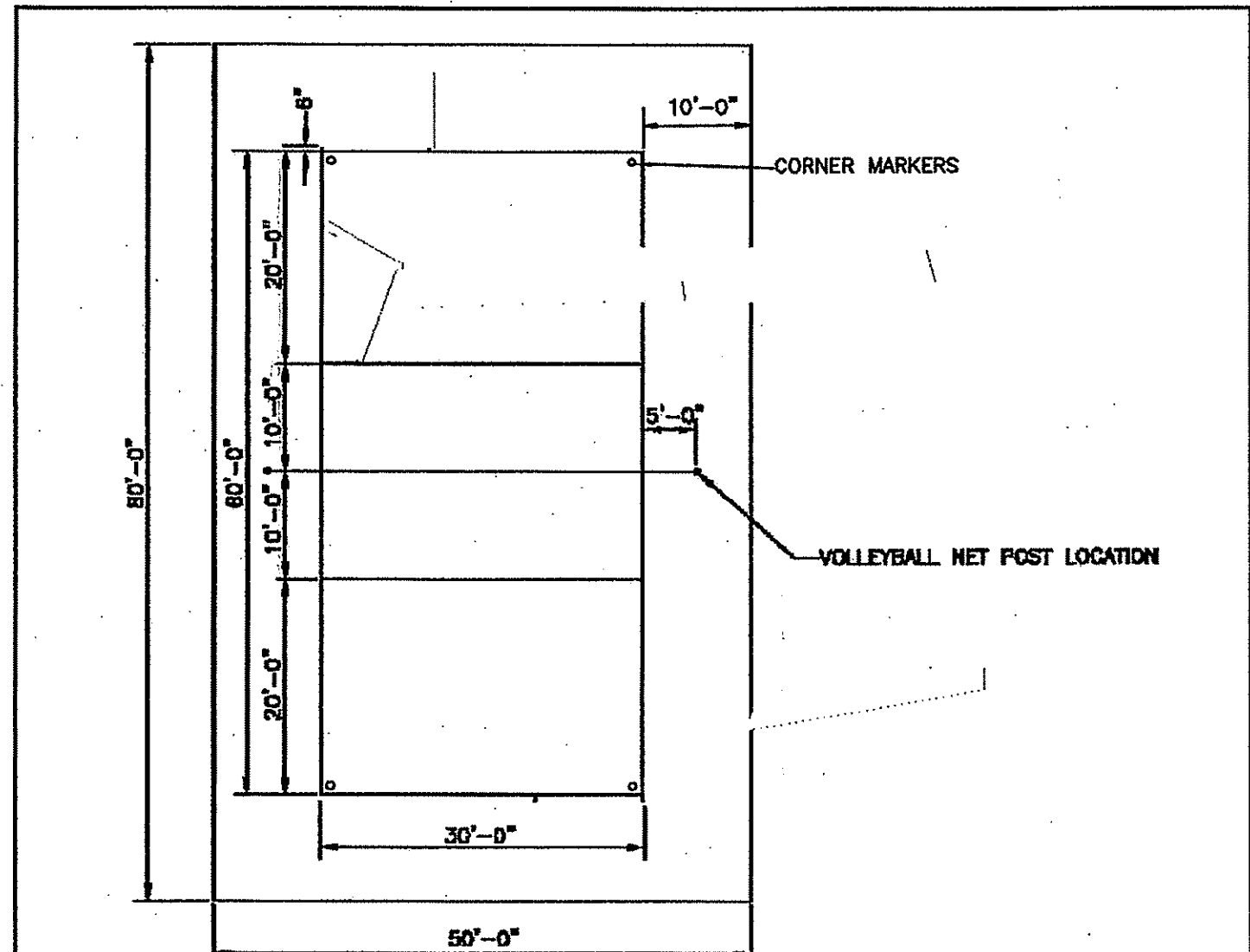


PLAN

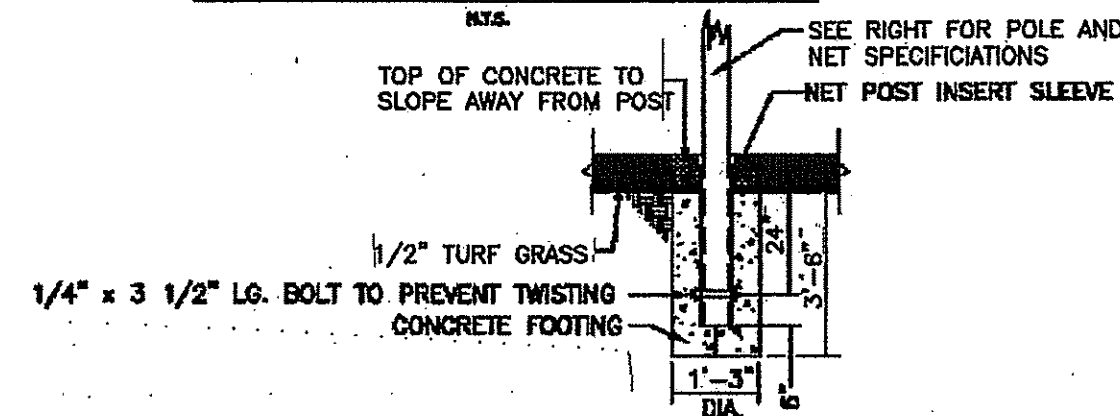
- NOTES:
- REQUIRED AREA: 2.5 ACRES (REGULATION)
1.6 ACRES (PRACTICE)
 - SIZE AND DIMENSION: SEE TABULATION FOR PLAYING FIELD DIMENSIONS. AN ADDITIONAL 10'-0" OF UNOCCUPIED SPACE IS TO BE PROVIDED ON ALL FOUR SIDES.
 - ORIENTATION: PREFERRED ORIENTATION IS FOR THE LONG AXIS TO BE NORTH-SOUTH.
 - SURFACE AND GRADING: SURFACE IS TURFGRASS. PREFERRED GRADING IS A CENTRAL LONGITUDINAL CROWN WITH A 1.25%-1.50% SLOPE TO THE SIDELINES. ALTERNATIVELY, THE FIELD MAY BE SLOPED FROM SIDE TO SIDE.
 - SEMI-PERMANENT SOCCER GOALS SHALL BE INSTALLED IN GROUND SLEEVES AT EACH END OF THE PLAYING FIELD. SEE STANDARDS NO. 142 AND 143.

THE MARYLAND-NATIONAL CAPITAL PARK AND PLANNING COMMISSION
Department of Park and Planning, Montgomery County, Maryland

PARK DEVELOPMENT DIVISION	DATE APPROVED	REVISION	DATE	STANDARD NO.
5000 BRUNETT AVENUE SILVER SPRING, MD 20901	CHIEF ENGINEER			131
	SUPERVISOR OF PARKS			



VOLLEYBALL LAYOUT PLAN



NET POST ANCHOR DETAIL

THE MARYLAND-NATIONAL CAPITAL PARK AND PLANNING COMMISSION
Department of Park and Planning, Montgomery County, Maryland

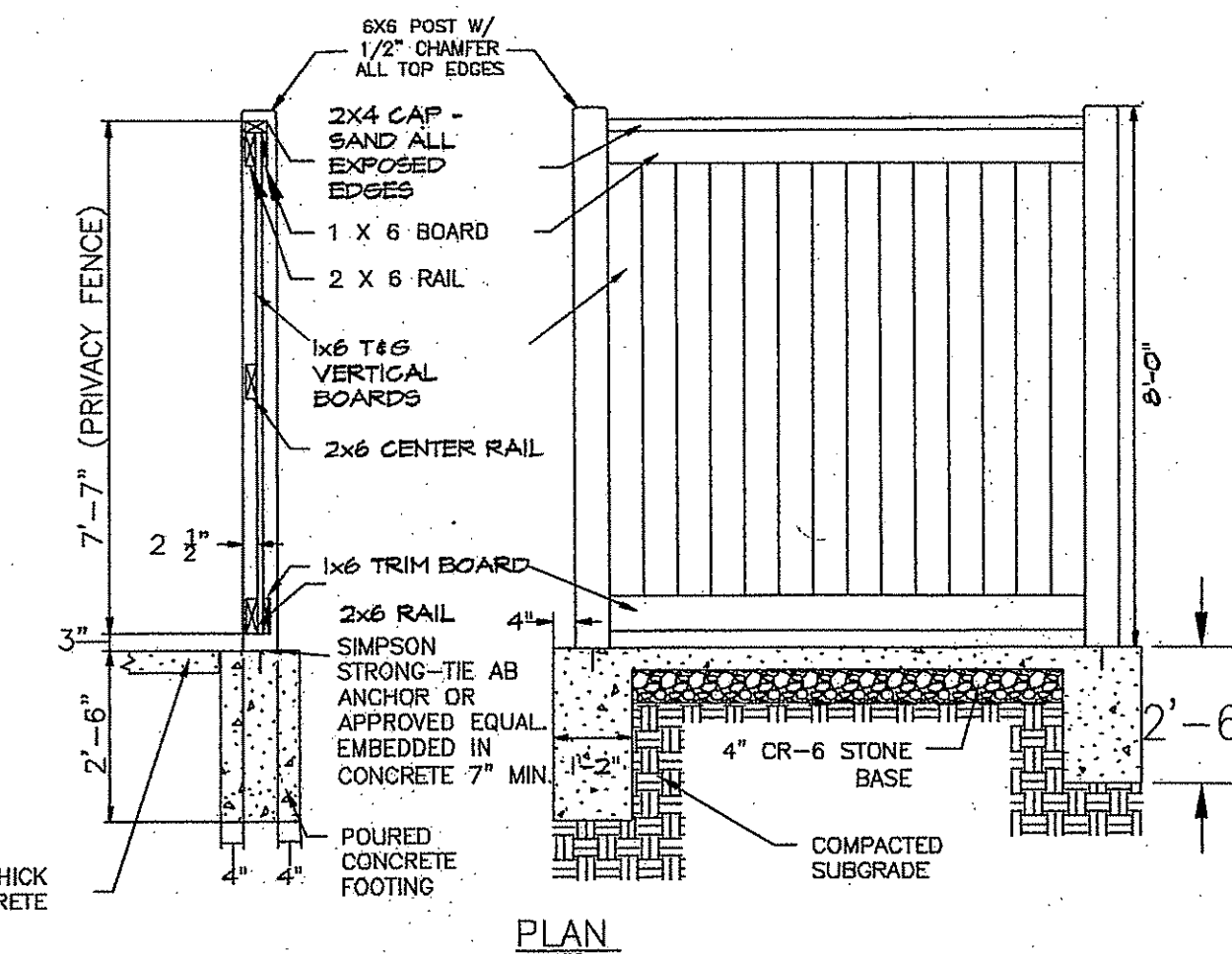
PARK DEVELOPMENT DIVISION	DATE APPROVED	REVISION	DATE	STANDARD NO.
5000 BRUNETT AVENUE SILVER SPRING, MD 20901	CHIEF ENGINEER			231
	SUPERVISOR OF PARKS			

VOLLEYBALL COURT SPECIFICATIONS:

- POP - GALVANIZED - STEEL - BAZOOKA
- Bazooka Stainless Steel Wash
- POP Anodized Aluminum Seamless Sleeve Set with standard caps
- Powder coat charge 2 1/2" galvanized steel poles.
- PRM: 4" Top Pro Beach Volleyball Net
- 2" Deluxe Adjustable Webbing Pro Boundary Lines
- VSP Volleyball Standard Pad
- Corner Markers: (10) 3" diameter 1/2" thick Stainless Steel (type 303) round disks at all corners and intersections.

Note: Stainless steel for corner markers to be Type 303 Cold Stainless Steel with annealed finish. Disks to be welded to 12" long 3/4" diameter stainless steel rods. Set disks level with grade.

Manufacturer:
United Volleyball Supply, LLC
727 Kirkland Ave.
Niskayuna, NY 12045
518-537-8835
OR APPROVED EQUAL



PLAN

- NOTE:
- PROVIDE 2" X 6" REMOVABLE RAIL ACROSS FRONT OPENING TO PREVENT TIPPING. HEIGHT TO ALLOW FOR OPENING OF THE PORTA Potty DOOR.
 - FASTENERS TO BE COORDINATED WITH PARK MANAGER.
 - PRESSURE TREATED WOOD (#2 PINE) FOR 6X6 POSTS. ALL OTHER WOOD TO BE CLEAR CEDAR BOARDS S1S2E.
 - REFERENCE PLAN FOR LAYOUT DIMENSIONS.
 - GRADE TO MAINTAIN POSITIVE DRAINAGE ACROSS SLAB (1.8% MAX).
 - ALLOW CLEAR SPACE ON WALK SIDE FOR ACCESS TO PORTA Potty. FENCE TO BE PROVIDED ON 3 SIDES ONLY.
 - COLOR OF CONCRETE PAD SHOULD BE "MEDIUM GRAY". SEE SPECIFICATIONS FOR MANUFACTURER AND MIX INFORMATION.
 - CONCRETE TO BE MSHA NO.2 (2500psi).
 - WOOD STAIN FOR FENCE: SEMI-SOLID WOOD STAIN "BEECHWOOD GRAY" OR "DRIFTWOOD GRAY" BY CABOT STAIN OR APPROVED EQUAL. FINAL COLOR TO BE SELECTED BY MNCPPC CONSTRUCTION MANAGER FROM MANUFACTURERS FULL RANGE OF COLORS.

THE MARYLAND-NATIONAL CAPITAL PARK AND PLANNING COMMISSION
Department of Park and Planning, Montgomery County, Maryland

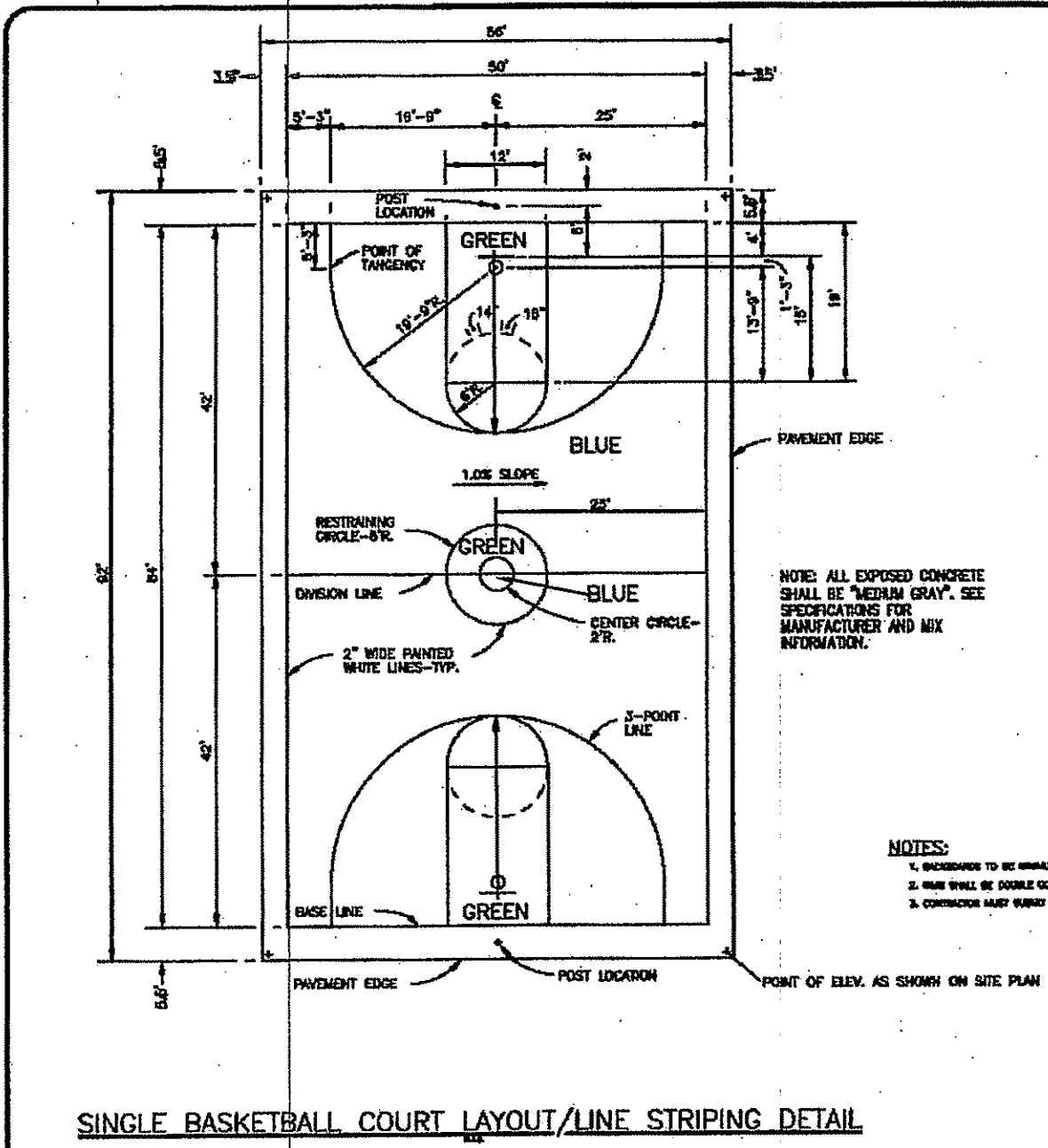
PARK PLANNING & DEVELOPMENT DIVISION	DATE APPROVED	REVISION	DATE
5000 BRUNETT AVENUE SILVER SPRING, MD 20901	CHIEF ENGINEER		
	DIRECTOR OF PARKS		

5 PORTA Potty FENCE

C2.2 1/2"=1'-0"

1 SOCCER FIELD

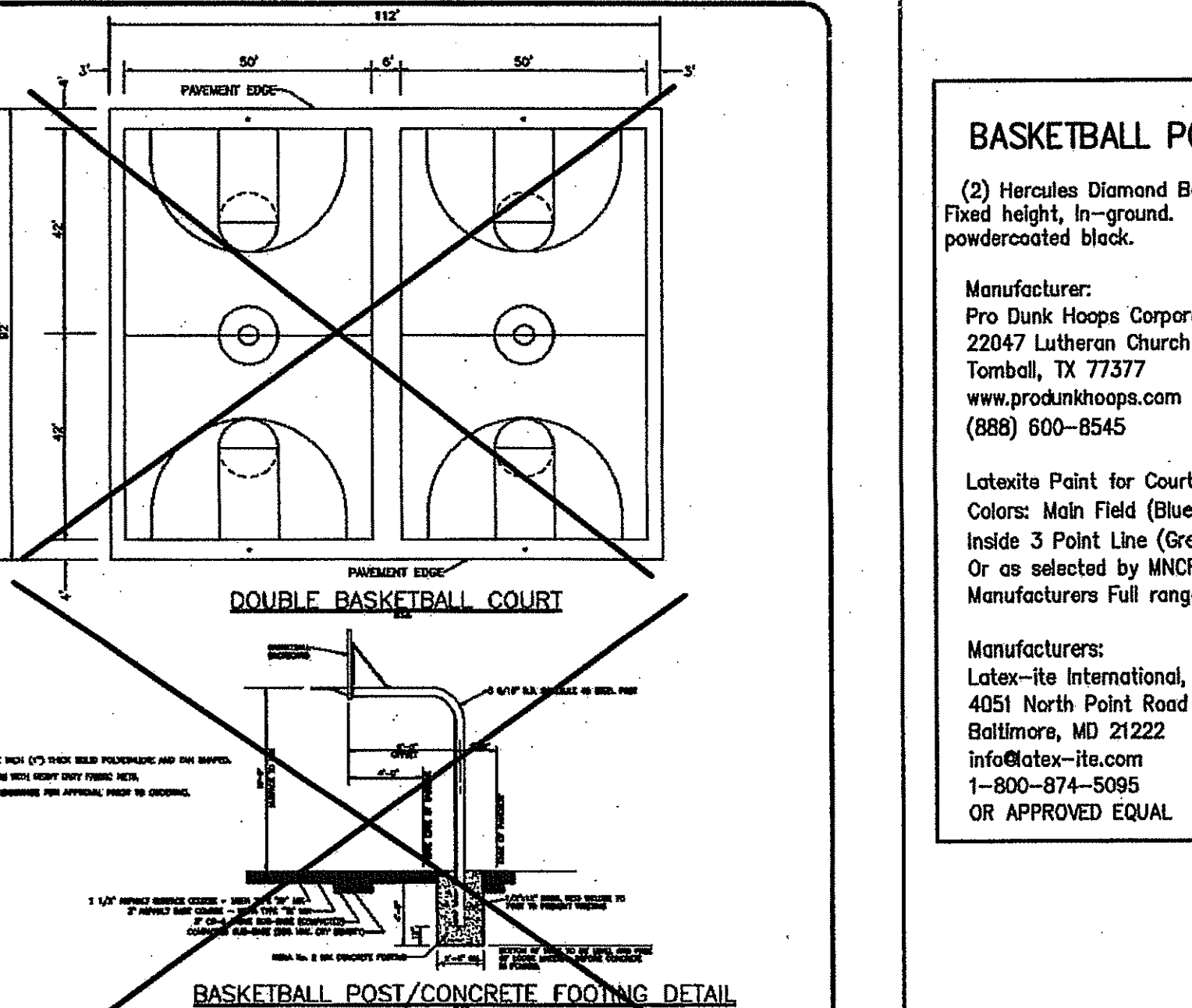
C2.2 NTS



SINGLE BASKETBALL COURT LAYOUT/LINE STRIPING DETAIL

2 VOLLEYBALL COURT

C2.2 NTS



DOUBLE BASKETBALL COURT
BASKETBALL POST/CONCRETE FOOTING DETAIL

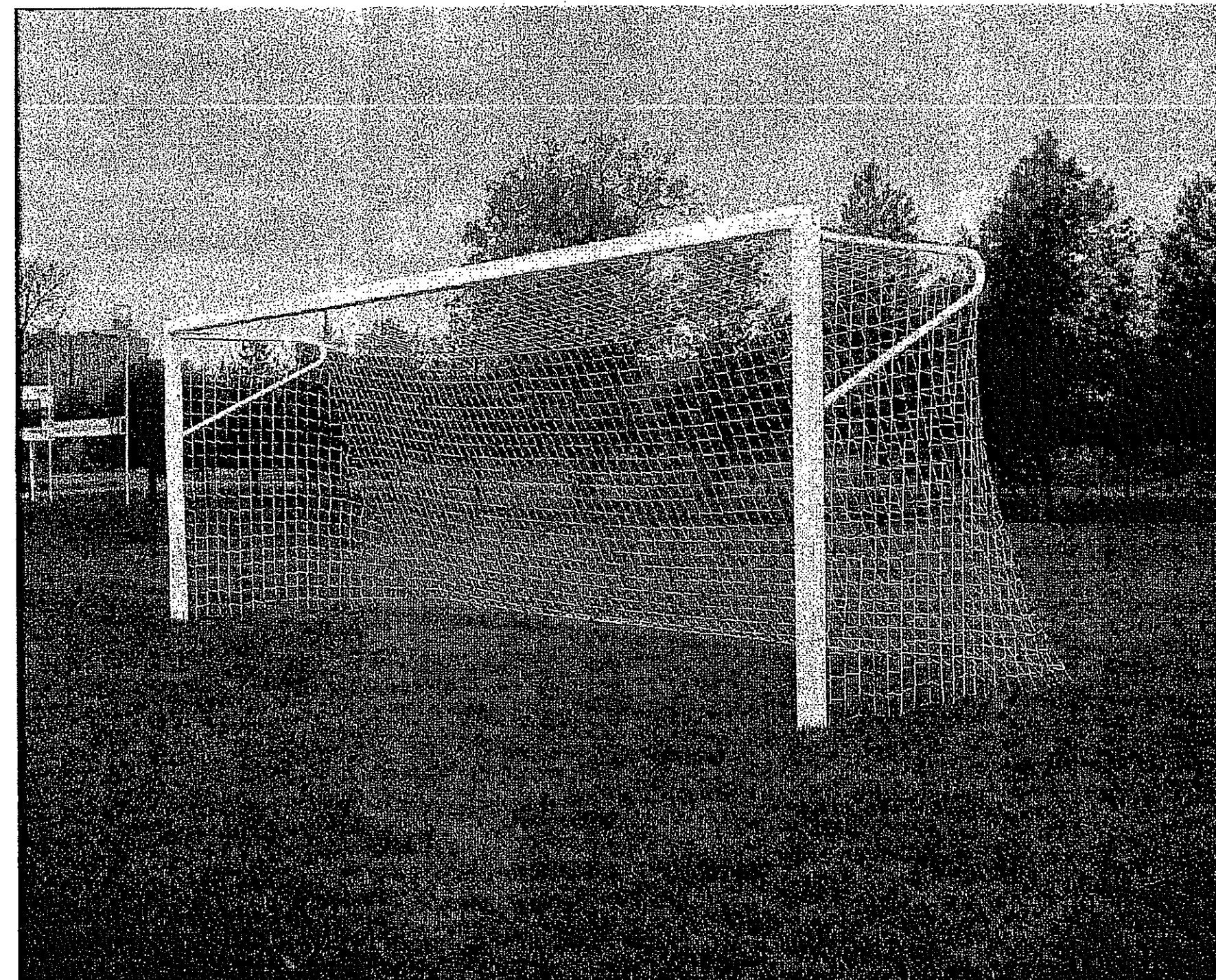
BASKETBALL POST SPECIFICATIONS:

(2) Hercules Diamond Basketball system from ProDunk Hoops. Fixed height, in-ground. Acrylic glass backboard. Poles to be powdercoated black.

Manufacturer:
Pro Dunk Hoops Corporate
22047 Lutheran Church Road #1
Tomball, TX 77377
www.produkhoops.com
(888) 600-8545

Latexite Paint for Court Surface:
Colors: Main Field (Blue)
Inside 3 Point Line (Green)
Or as selected by MNCPPC Construction Manager from Manufacturers Full range of colors.

Manufacturers:
Latex-ite International, Inc.
4051 North Point Road
Baltimore, MD 21222
info@latex-ite.com
1-800-874-5095
OR APPROVED EQUAL



SOCCER GOAL AND ACCESSORIES:

- Manufacturer: Bison, Inc; www.bisoninc.com or approved equal
- Goal: Shoot Out 4" Square Aluminum Permanent/Semi Permanent Soccer Goal, SC2480IGA Competition 24'w x 8'h; white polyester powdercoat finish.
- Net: 4" top depth net; SC100N; to accommodate 4' backstays.
- European Style 4' Backstays: Model SC02BS; white polyester powdercoat finish; provide one pair per goal.
- Ground Sleeve: SC44S; extruded aluminum, 4" square, 24" deep sockets, include cap; provide two per goal.

3 SOCCER GOAL

C2.2 NTS

CREATED DATE: 10/08/09

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HORD COPLAN MACHT, INC.
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LANDSCAPE ARCHITECTURE
PLANNING
INTERIOR DESIGN
750 E. Pratt Street Suite 1100
Baltimore MD 21202
410 837 7311
410 837 6530 fax
www.hcm2.com

VIA MARYLAND, LLC
20211 CENTURY HOLLOWAY # 202
COLUMBIANA, MARYLAND 20774
(301) 916-4100 • FAX (301) 991-2022
COLUMBIANA, MD BALDWIN, VA

Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.
License No. 27721
Expiration Date 07-19-2014



The Maryland-National Capital Park and Planning Commission
Montgomery County Department of Parks
9500 Brunett Avenue
Silver Spring, Maryland 20901
(301) 495-2535

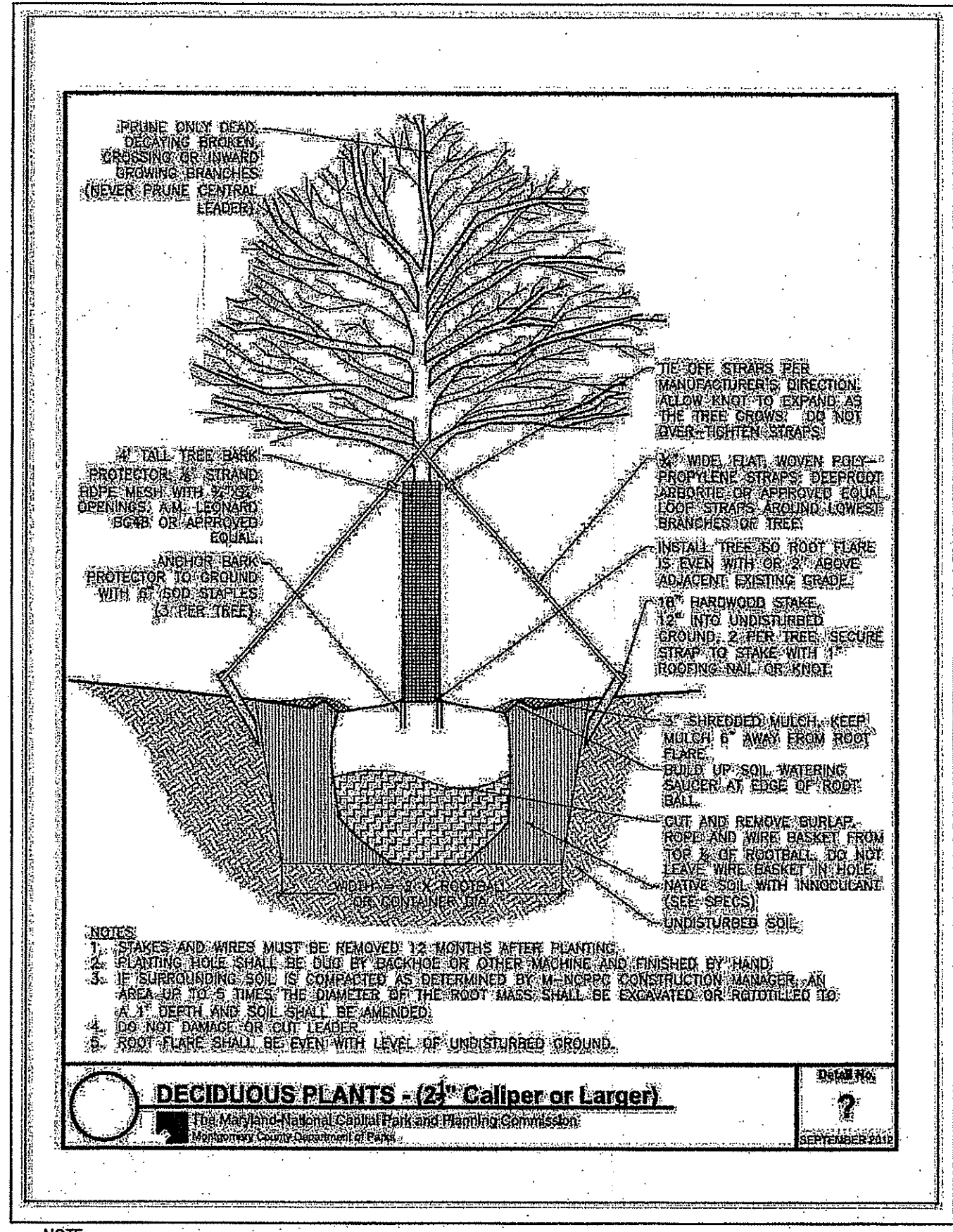
REVIEW AND APPROVAL	
Project Manager Date 8/1/13	<i>[Signature]</i>
Project Engineer Date 9/13/13	<i>[Signature]</i>
Construction Manager Date	
Park Manager Date	

ISSUED FOR PROCUREMENT ON	
Rev. No.	Date

CONSTRUCTION SITE
COURT DETAILS
GREENBRIAR LOCAL PARK
Liber 10551 Folio 180
Liber 10551 Folio 183
Liber 10565 Folio 312
SCALE: AS SHOWN

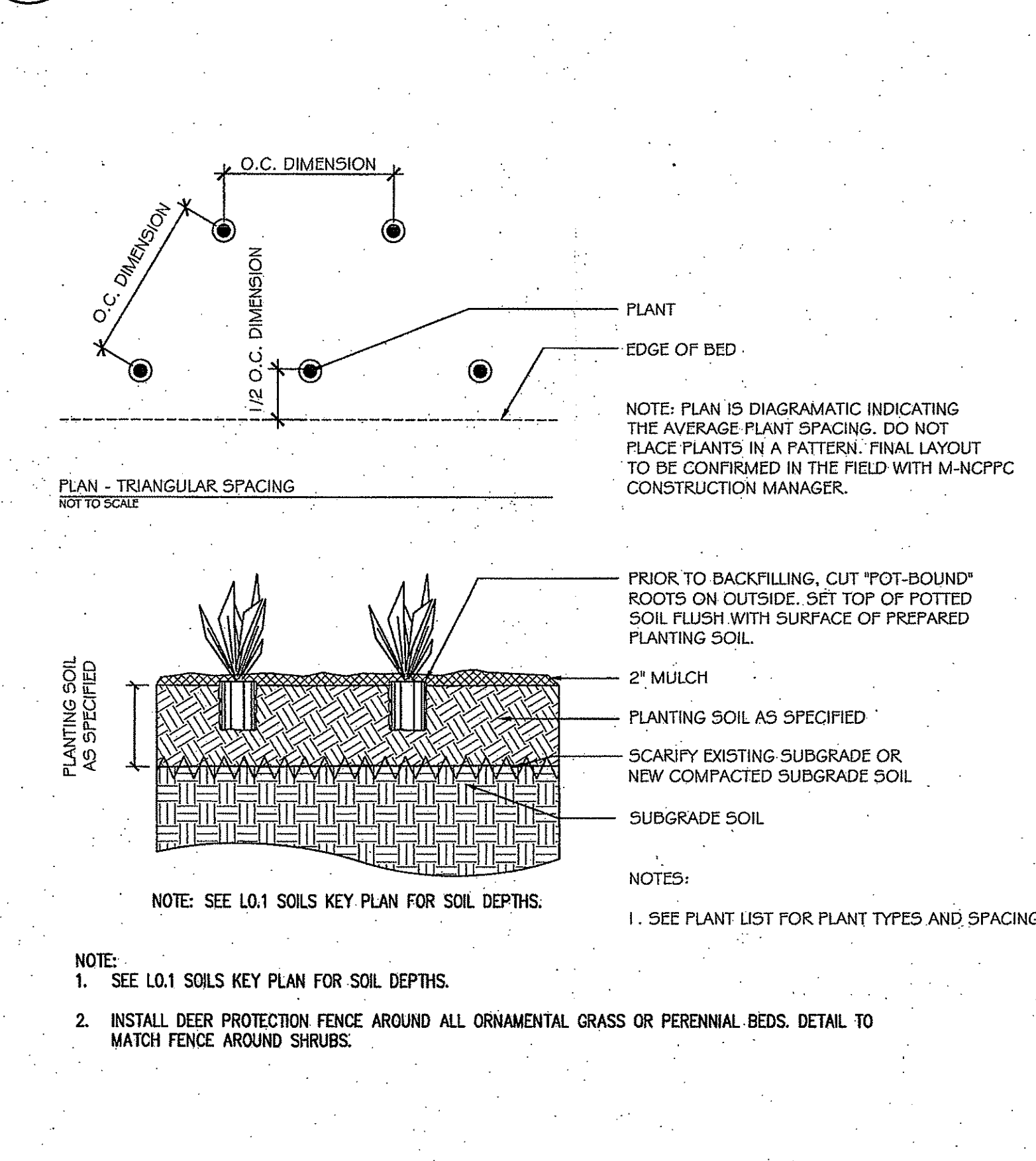
DWG.# 3 of 3
C2.2
SHT.# 26 of 79

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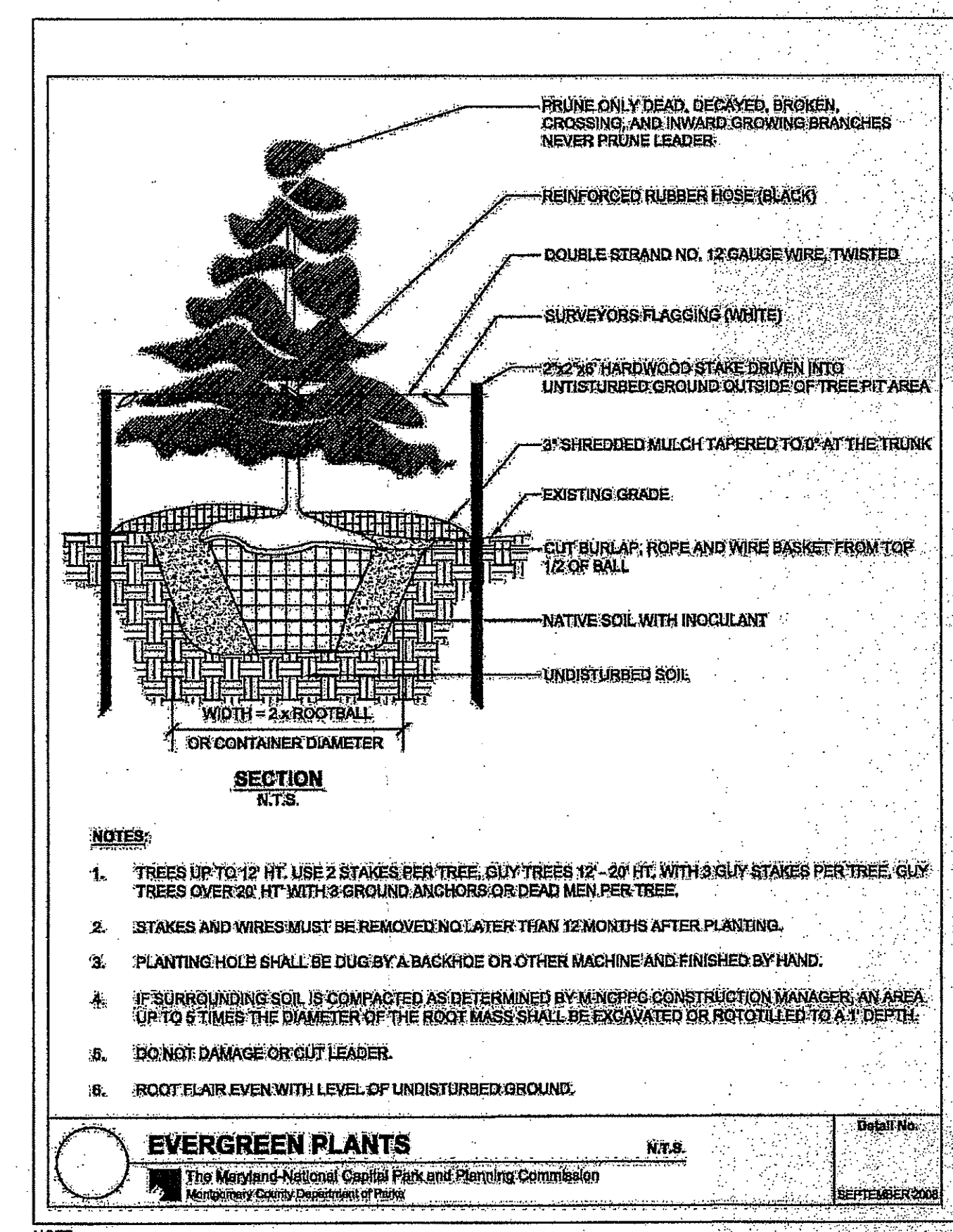


NOTE:
1. SEE L0.1 SOILS KEY PLAN FOR SOIL DEPTHS.
2. INSTALL DEER PROTECTION FENCE AROUND ALL TREES. SEE DETAIL.

1 DECIDUOUS TREE PLANTING DETAIL (TYP)
L3.3 NTS

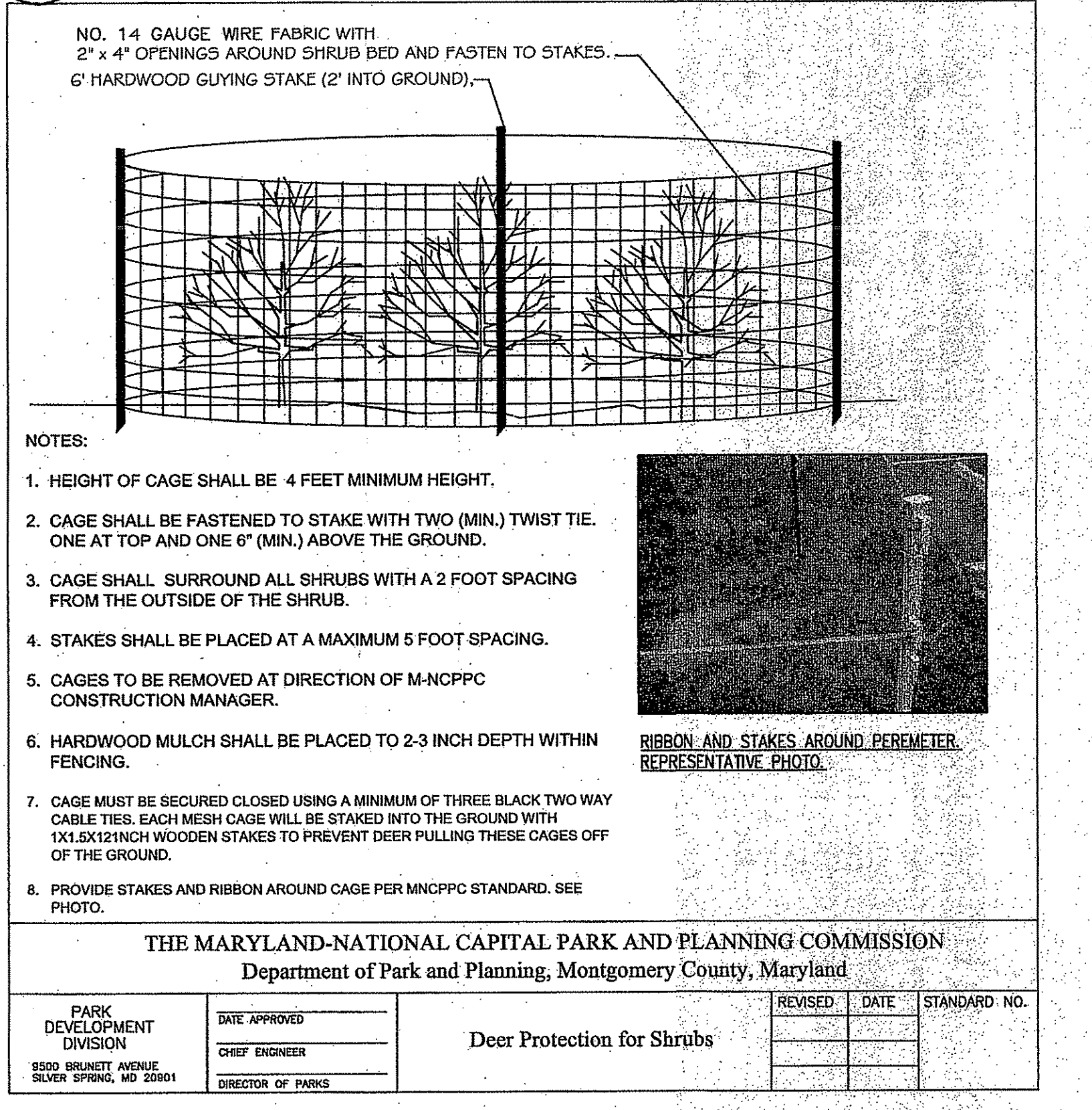


4 ORNAMENTAL GRASS PLANTING DETAIL (TYP)
L3.3 NTS

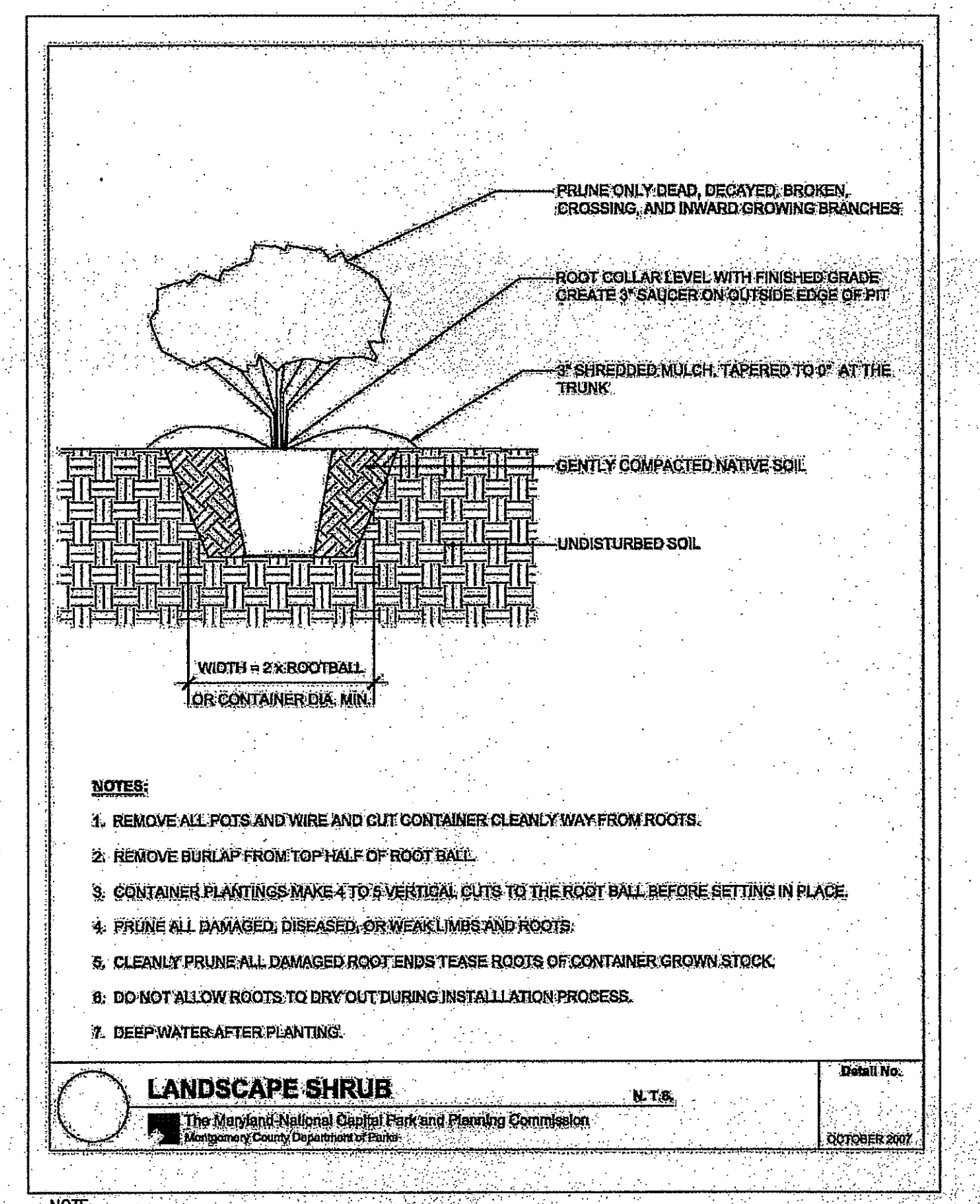


NOTE:
1. SEE L0.1 SOILS KEY PLAN FOR SOIL DEPTHS.
2. INSTALL DEER PROTECTION FENCE AROUND ALL TREES. SEE DETAIL.

2 EVERGREEN TREE PLANTING DETAIL (TYP)
L3.3 NTS

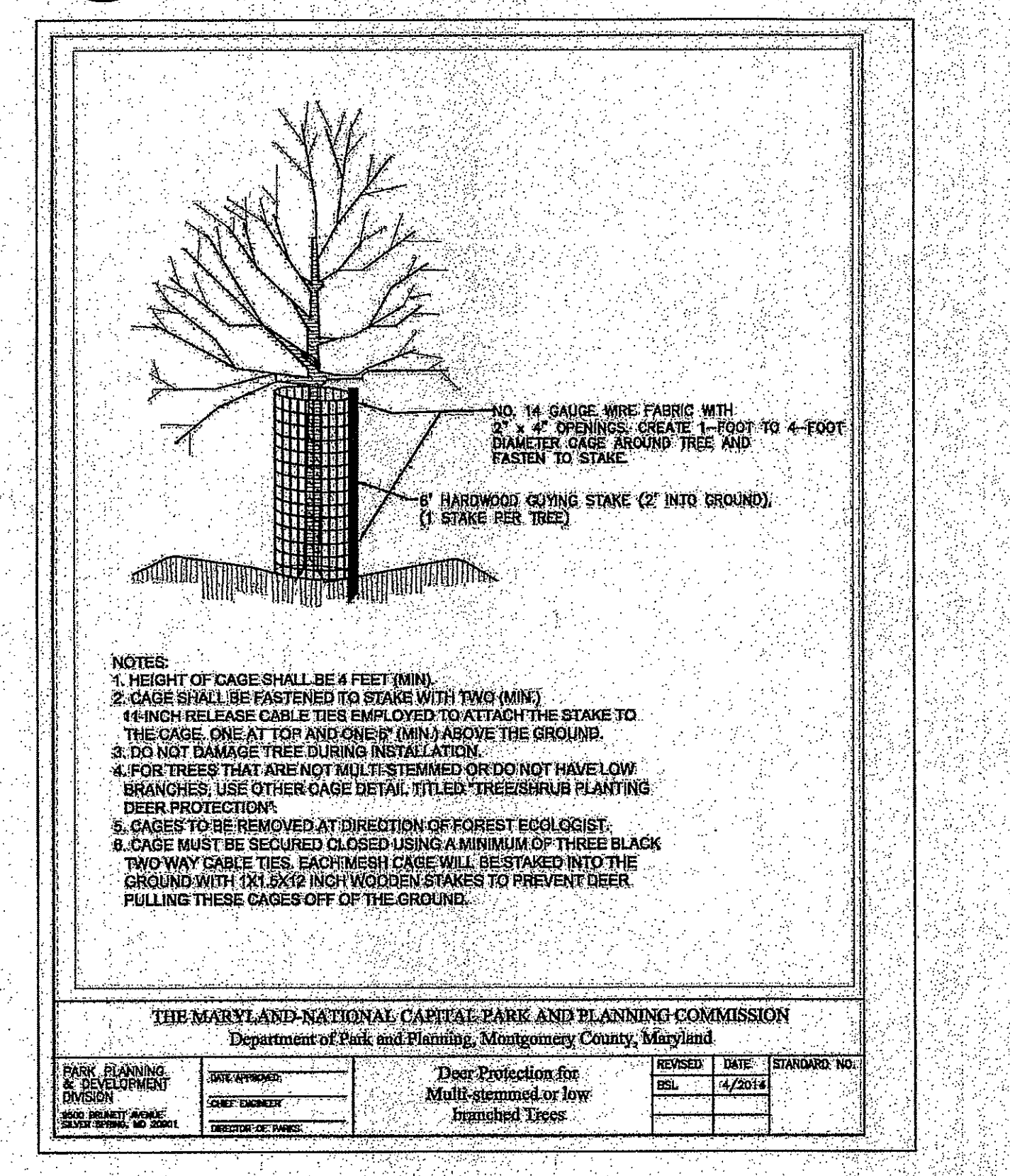


5 DEER PROTECTION DETAIL (TYP)
L3.3 NTS (FOR SHRUBS)



NOTE:
1. SEE L0.1 SOILS KEY PLAN FOR SOIL DEPTHS.
2. INSTALL DEER PROTECTION FENCE AROUND ALL SHRUBS BEDS. SEE DETAIL.

3 SHRUB PLANTING DETAIL
L3.3 3/4" = 1'-0"



6 DEER PROTECTION DETAIL (TYP)
L3.3 NTS (FOR MULTI-STEM LOW BRANCHED TREES)

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410 837 7311
410 837 6530 fax
www.hcmi.com

Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed Landscape Architect under the laws of the State of Maryland.

License No. **#526**
Expiration Date **07-15-13**

LANDSCAPE ARCHITECT
License #526
Julie Barrett Higgins
STATE OF MARYLAND

The Maryland-National Capital Park and Planning Commission
Montgomery County Department of Parks
9500 Brunnet Avenue
Silver Spring, Maryland 20901
(301) 495-2535

REVIEW AND APPROVAL

Project Manager Date <i>8/1/13</i> <i>Wade K...</i>	Project Engineer Date <i>8/2/13</i> <i>BB...</i>	Construction Manager Date	Park Manager Date
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ISSUED FOR PROCUREMENT ON

REVISIONS	
Rev. No.	Date

GREENBRIAR LOCAL PARK

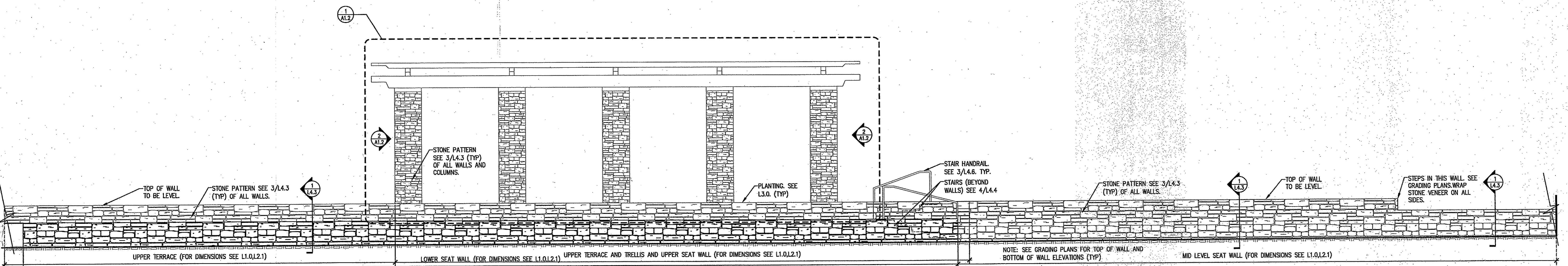
PLANTING DETAILS

Liber 10551 Folio 180
Liber 10551 Folio 183
Liber 10565 Folio 312

SCALE: AS SHOWN

DWG. # ___ of ___
L3.3
SHT. # 27 of 79

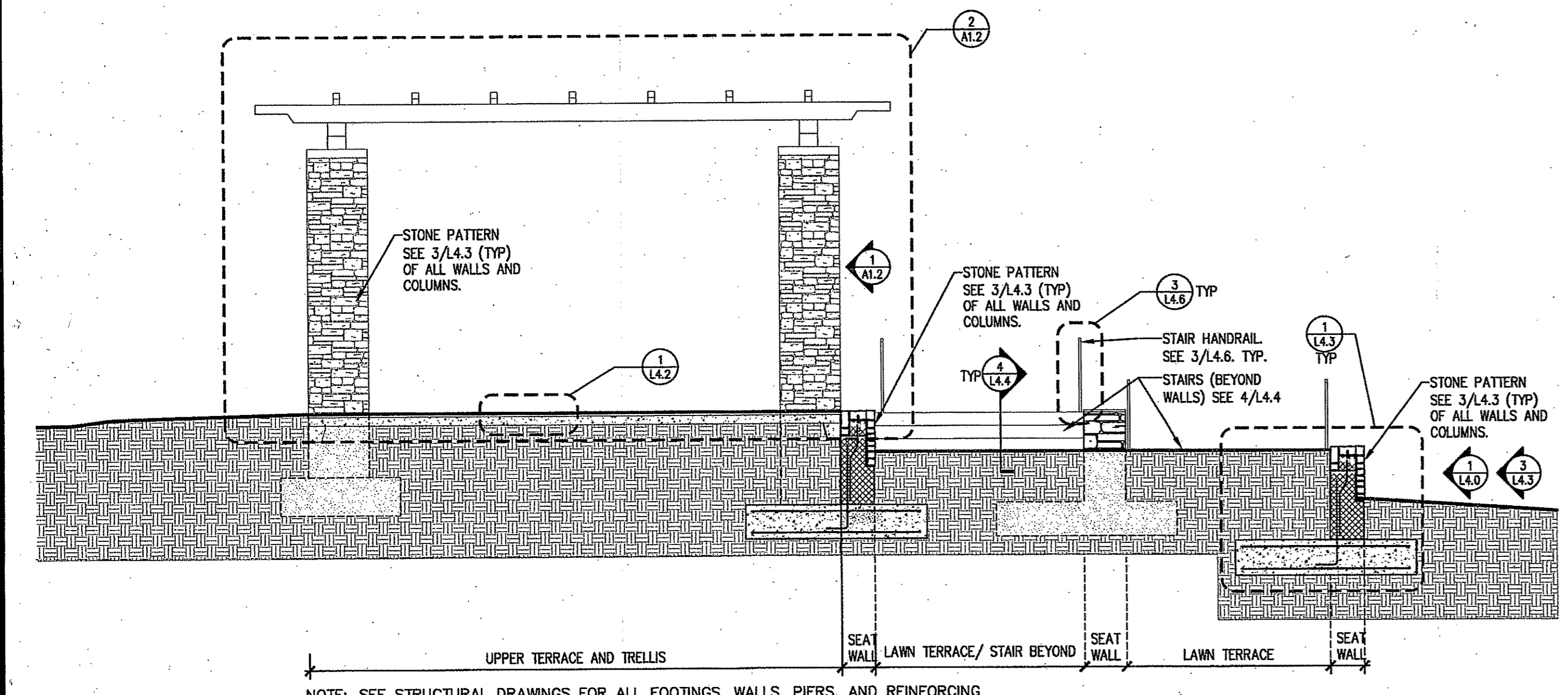
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 Plotted By: Om Khurfiyan, 5/29/2013
 Local Path: D:\Projects\01 ARCH CAD-BIM Drawings\L4.0 Hardscape Construction Details-Elevations.dwg Layout1
 11:27 AM, 10/1/2013



NOTE: SEE STRUCTURAL DRAWINGS FOR ALL FOOTINGS, WALLS, PIERS, AND REINFORCING

1 TRELLIS 'A' AND SEAT WALLS: PART ELEVATION

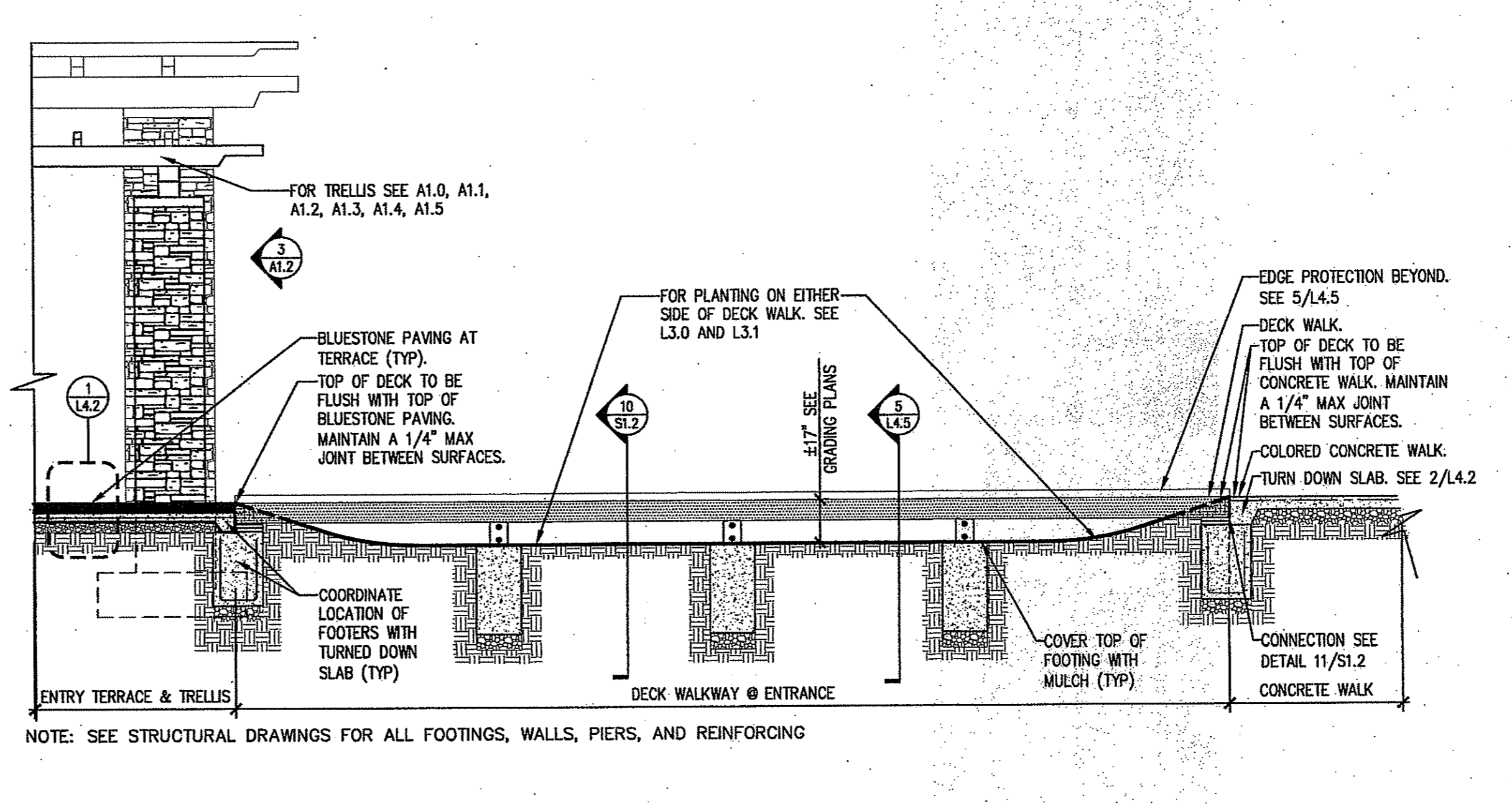
L4.0 1/4"=1'-0"



NOTE: SEE STRUCTURAL DRAWINGS FOR ALL FOOTINGS, WALLS, PIERS, AND REINFORCING

2 TRELLIS 'A' AND SEAT WALLS: CROSS SECTION

L4.0 1/4"=1'-0"



NOTE: SEE STRUCTURAL DRAWINGS FOR ALL FOOTINGS, WALLS, PIERS, AND REINFORCING

3 WOOD DECK WALK AT ENTRANCE: CROSS SECTION

L4.0 1/4"=1'-0"

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 Baltimore, MD 21202
 410.837.7311
 410.837.6530 fax
 www.hcm.com

Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed Landscape Architect under the laws of the State of Maryland.

License No. **#526**
 Expiration Date **07-15-13**

JULIE BARRETT HIGGINS
 LANDSCAPE ARCHITECT
 License #526
 STATE OF MARYLAND

The Maryland-National Capital Park and Planning Commission
 Montgomery County Department of Parks
 9500 Brunett Avenue
 Silver Spring, Maryland 20901
 (301) 495-2535

REVIEW AND APPROVAL	
Project Manager Date 8/1/13 <i>Urd Korman</i>	
Project Engineer Date 7/31/13 <i>BS</i>	
Construction Manager Date	
Park Manager Date	

ISSUED FOR PROCUREMENT ON		
REVISIONS		
Rev. No.	Date	Description

GREENBRIAR LOCAL PARK
HARDSCAPE CONSTRUCTION
DETAILS : SECTION /ELEVATIONS
 SCALE: AS SHOWN
 Liber 10551 Folio 180
 Liber 10551 Folio 183
 Liber 10565 Folio 312

DWG. # ___ of ___
L4.0
 SHT. # **_28 of 79**

FINAL SCANNED:

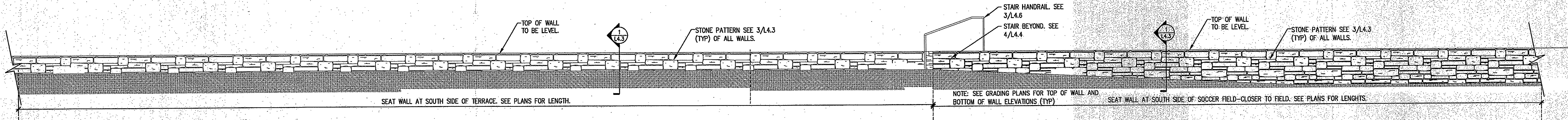
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PARK CODE: C10

Plotted By: Om Kharjivier

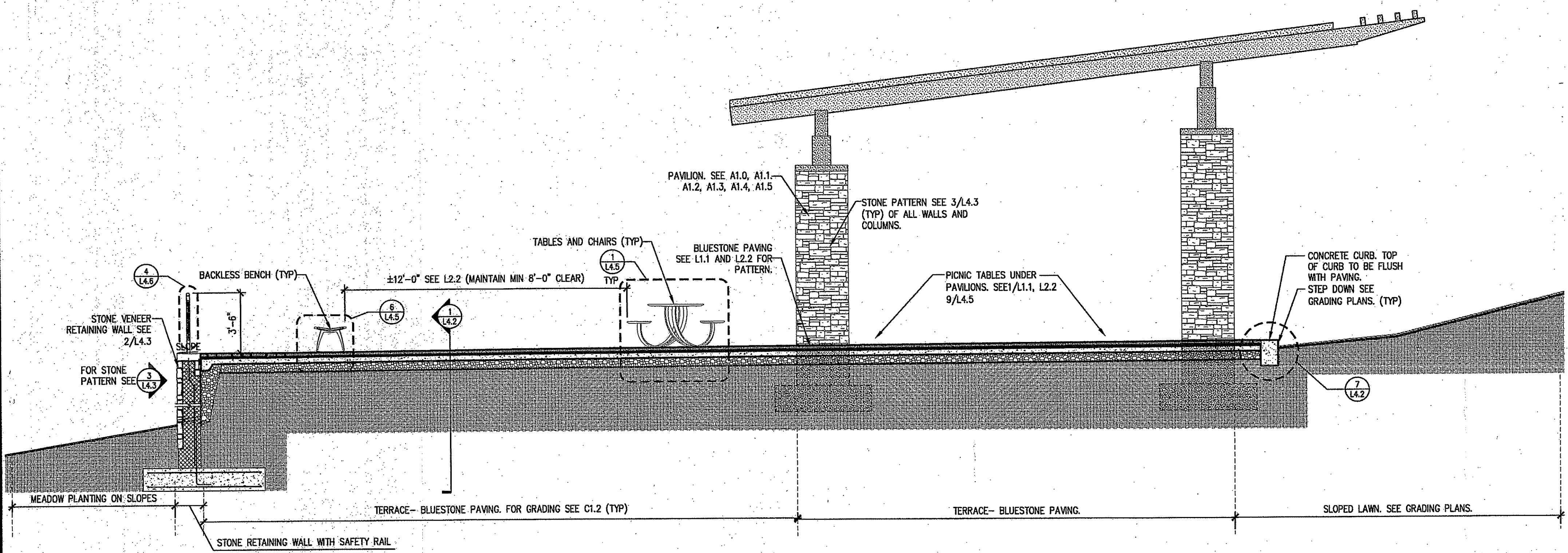
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5/29/2013 11:39 AM KCM_normal.dwg



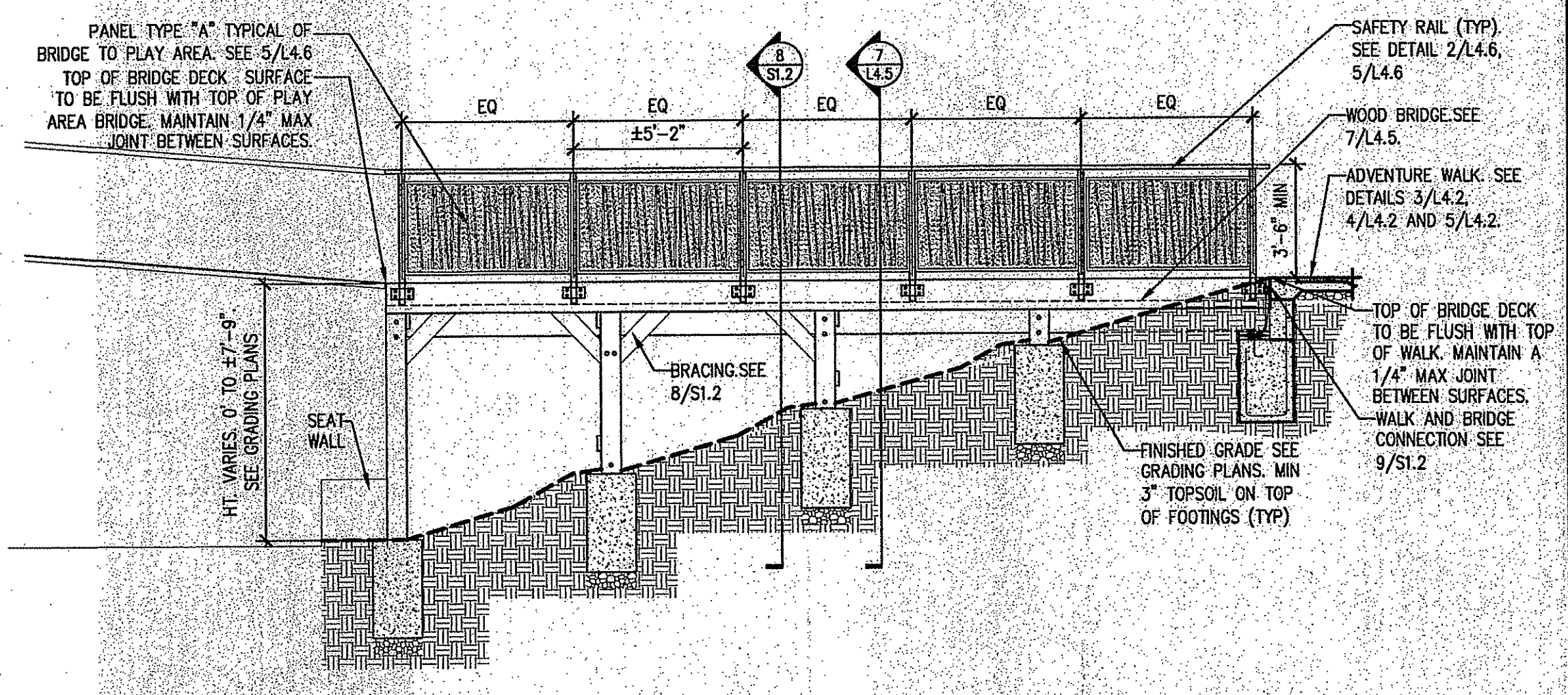
1 STONE SEAT WALLS ON SOUTH SIDE OF SOCCER FIELD: PART ELEVATION

L4.1 1/4"=1'-0"



2 OVERLOOK TERRACE AT PLAY AREA: SECTION

L4.1 1/4"=1'-0" (SECTION SHOWING RELATIONSHIP OF ELEMENTS ONLY. SEE L1.1, L2.2 AND DETAILS)



3 BRIDGE TO PLAY STRUCTURE: SIDE ELEVATION (TYP)

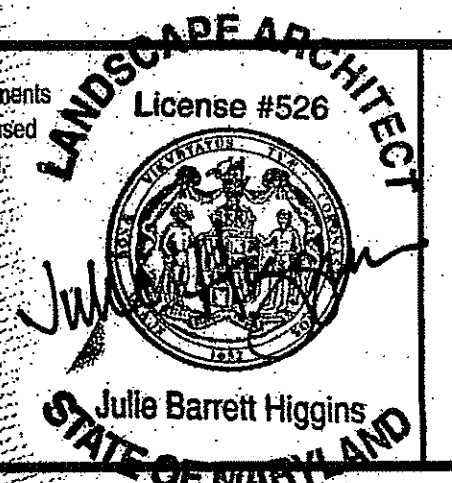
L4.1 1/4"=1'-0"

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INTERIOR DESIGN
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Baltimore, MD 21202
410 837 7311
410 837 6530 fax
www.hcmf.com

Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed Landscape Architect under the laws of the State of Maryland.

License No. **#526**
Expiration Date **07-15-13**



The Maryland-National Capital
Park and Planning Commission
Montgomery County Department of Parks
9500 Brunnet Avenue
Silver Spring, Maryland 20901
(301) 495-2535

REVIEW AND APPROVAL	
Project Manager Date <i>8/1/13</i> <i>Underkames</i>	
Project Engineer Date <i>8/1/13</i> <i>B...</i>	
Construction Manager Date	
Park Manager Date	

ISSUED FOR PROCUREMENT ON		
REVISIONS		
Rev. No.	Date	Description

**GREENBRIAR LOCAL PARK
HARDSCAPE CONSTRUCTION
DETAILS: SECTION/ELEVATIONS**

SCALE: AS SHOWN
Liber 10551 Folio 180
Liber 10551 Folio 183
Liber 10565 Folio 312

DWG. # _____ of _____
L4.1
SHT. # **29** of **79**

FINAL SCANNED:

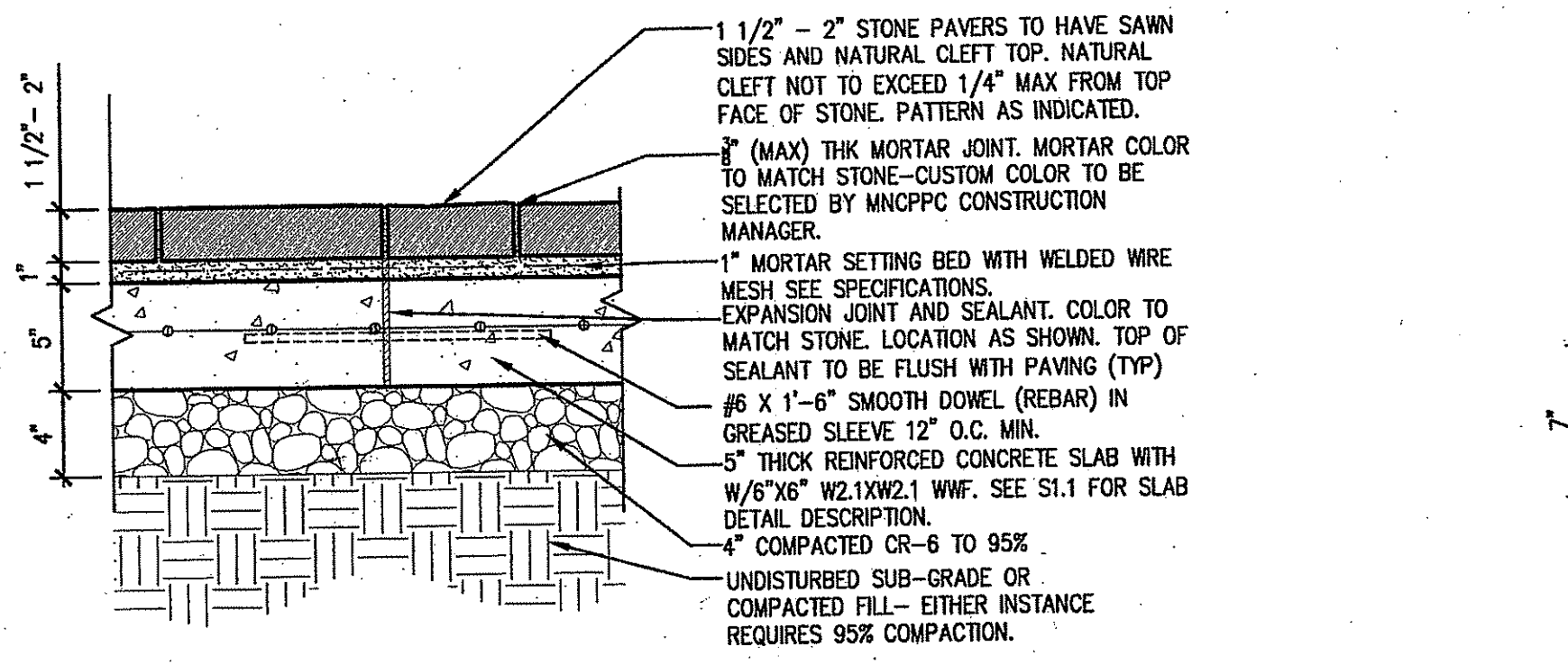
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C10

PARK CODE:

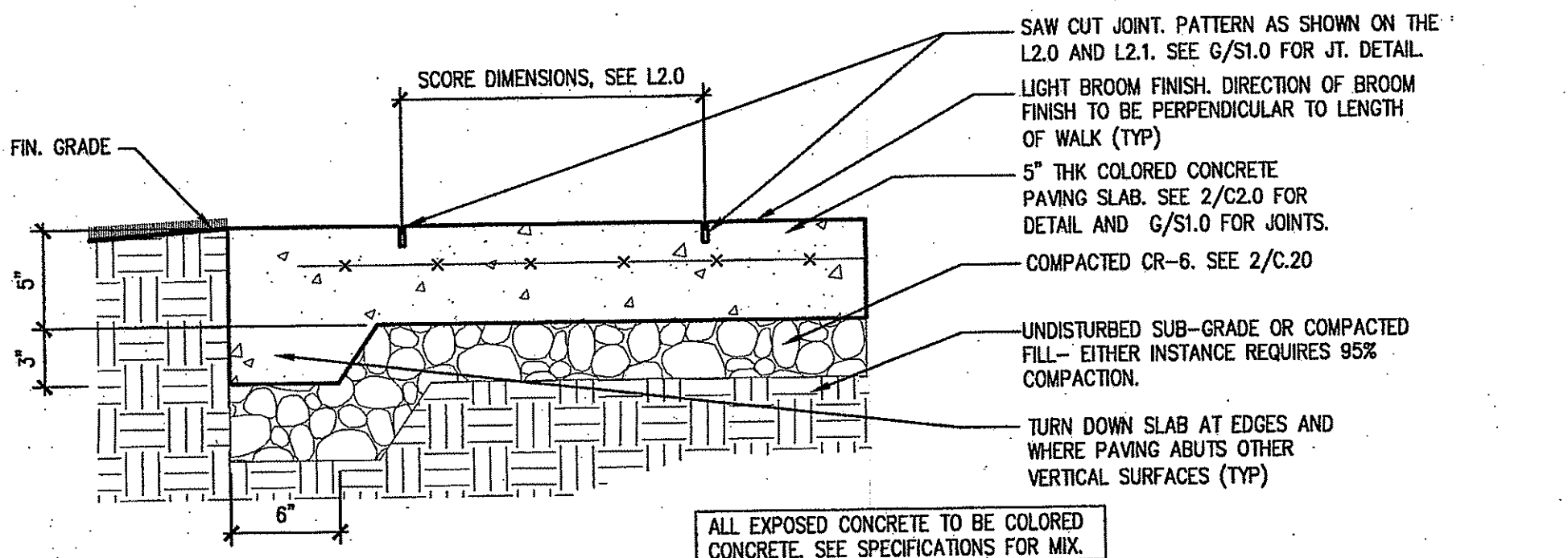
Printed By: Om Khurshid, 6/18/2013

PA21011.00 MNCPPC Greenbriar Local Park 07 Drawings 01 ARCH CAD-BIM Drawings 04.2 Hardscape Construction Details-Paving-Landscape



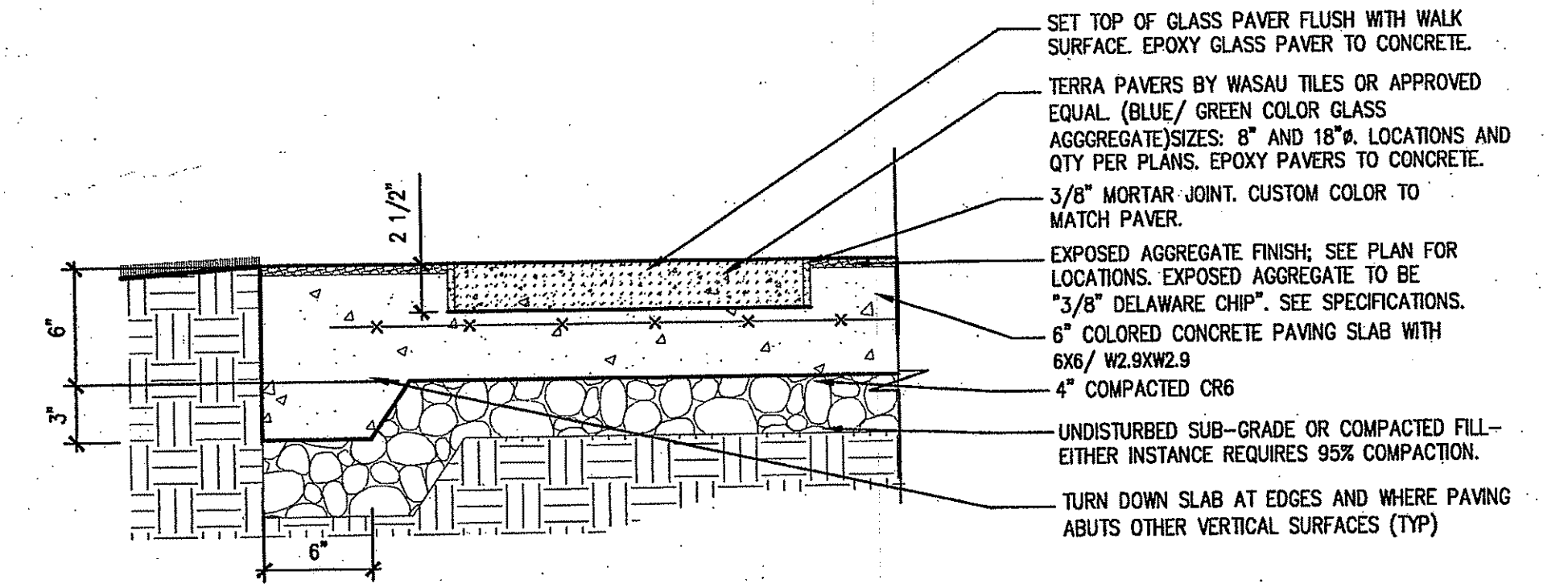
1 MORTARED STONE PAVING ON CONCRETE BASE (TYP)

L4.2 1 1/2"= 1'-0"



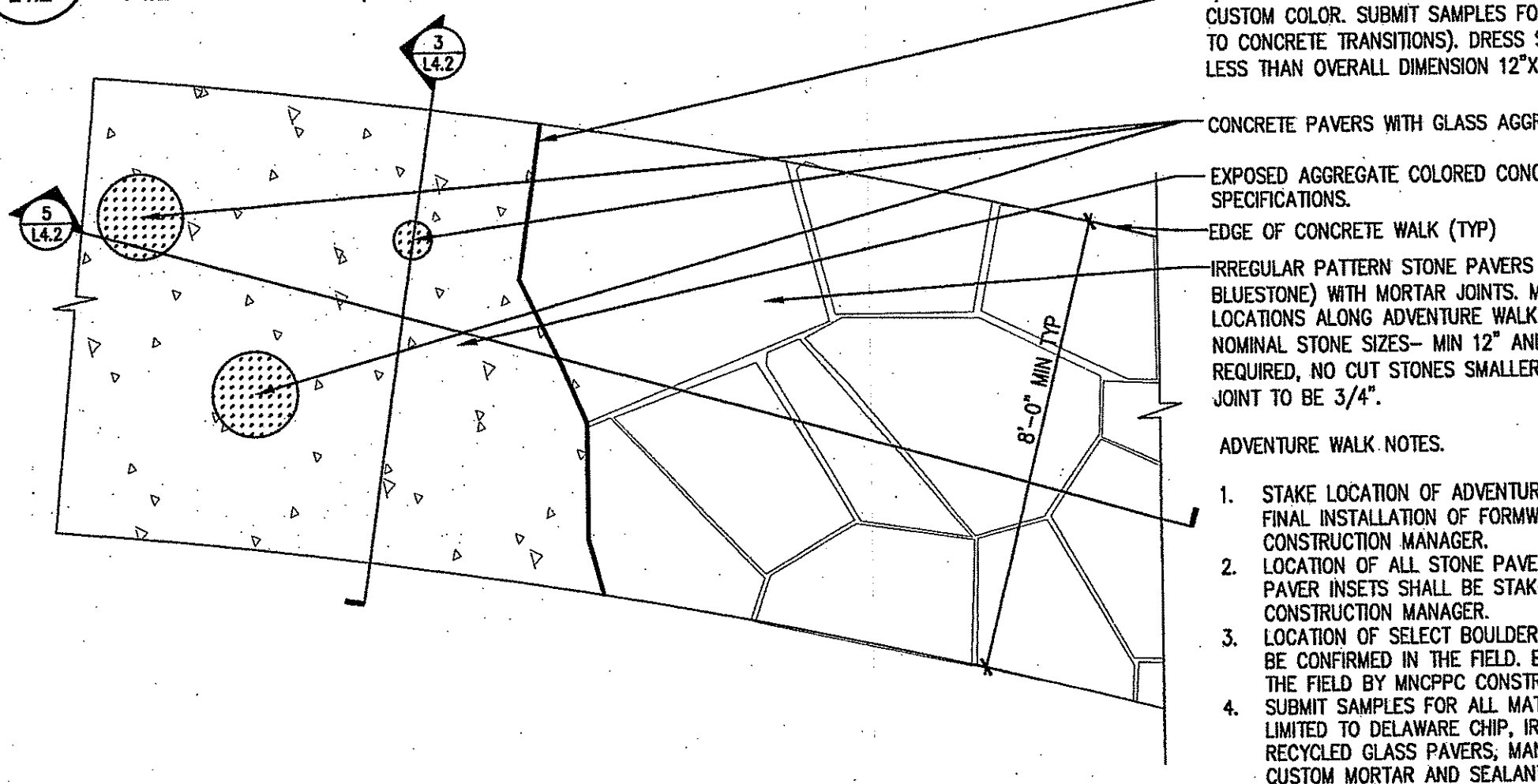
2 SCORED COLORED CONCRETE PAVING: SECTION (TYP)

L4.2 1 1/2"= 1'-0"



3 ADVENTURE WALK @ GLASS PAVERS: SECTION(TYP)

L4.2 1 1/2"= 1'-0"



4 ADVENTURE WALK PLAN ENLARGEMENT DETAIL (TYP)

L4.2 3/8"= 1'-0"

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Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed Landscape Architect under the laws of the State of Maryland.

License No. **#526**

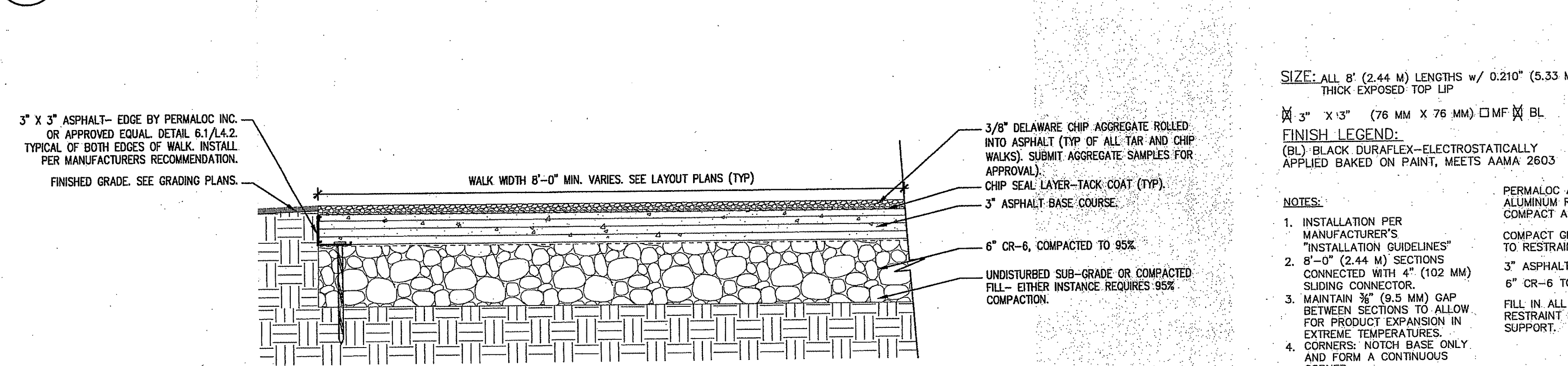
Expiration Date **07.15.13**

LANDSCAPE ARCHITECT
License #526
Julie Barrett Higgins
STATE OF MARYLAND

The Maryland-National Capital Park and Planning Commission
Montgomery County Department of Parks
9500 Brunnet Avenue
Silver Spring, Maryland 20901
(301) 495-2535

5 ADVENTURE WALK: EXPOSED AGGREGATE CONCRETE W/ GLASS PAVER & STONE INSETS (SECTION TYP)

L4.2 3/8"= 1'-0"

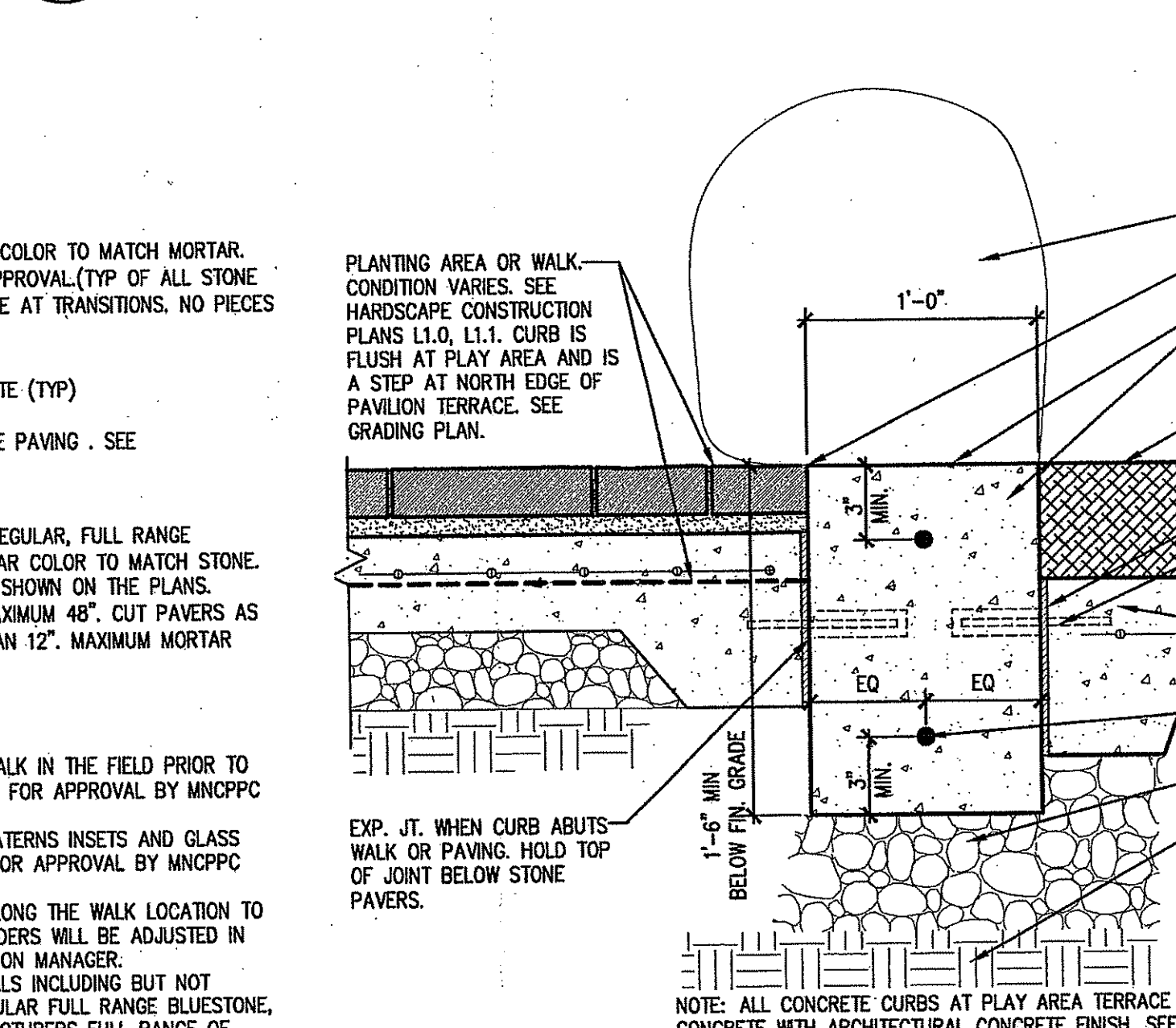


NOTE:

1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH MSHA SPECIFICATION SECTION 503.
2. SUBMIT DELAWARE CHIP SAMPLES FOR APPROVAL BY MNCPPC CONSTRUCTION MANAGER.
3. STAKE LOCATION OF WALK IN THE FIELD PRIOR TO FINAL CONSTRUCTION. ALL LAYOUT TO BE APPROVED BY MNCPPC CONSTRUCTION MANAGER.
4. SEE HARDSCAPE SITE PLANS L1.0 AND L1.1 FOR LOCATION OF TRAILS. SEE GRADING PLANS FOR ALL GRADING INFORMATION. SLOPE FOR ALL TRAILS AND WALKS TO BE UNDER 4.25% MAXIMUM AND 1.7% GROSS SLOPE MAXIMUM. CONTRACTOR TO CHECK AND CONFIRM ALL SLOPES IN THE FIELD PRIOR TO CONSTRUCTION. ALL WALKS INSTALLED WITH SLOPE EXCEEDING THE MAXIMUM ALLOWABLE SLOPES SHALL BE REPLACED AT NO COST TO MNCPPC.

6 TAR AND CHIP PAVING: SECTION (TYP)

L4.2 1 1/2"= 1'-0" (TYPICAL OF ALL TRAILS)



7 CURB AT PLAY AREA: SECTION (TYP)

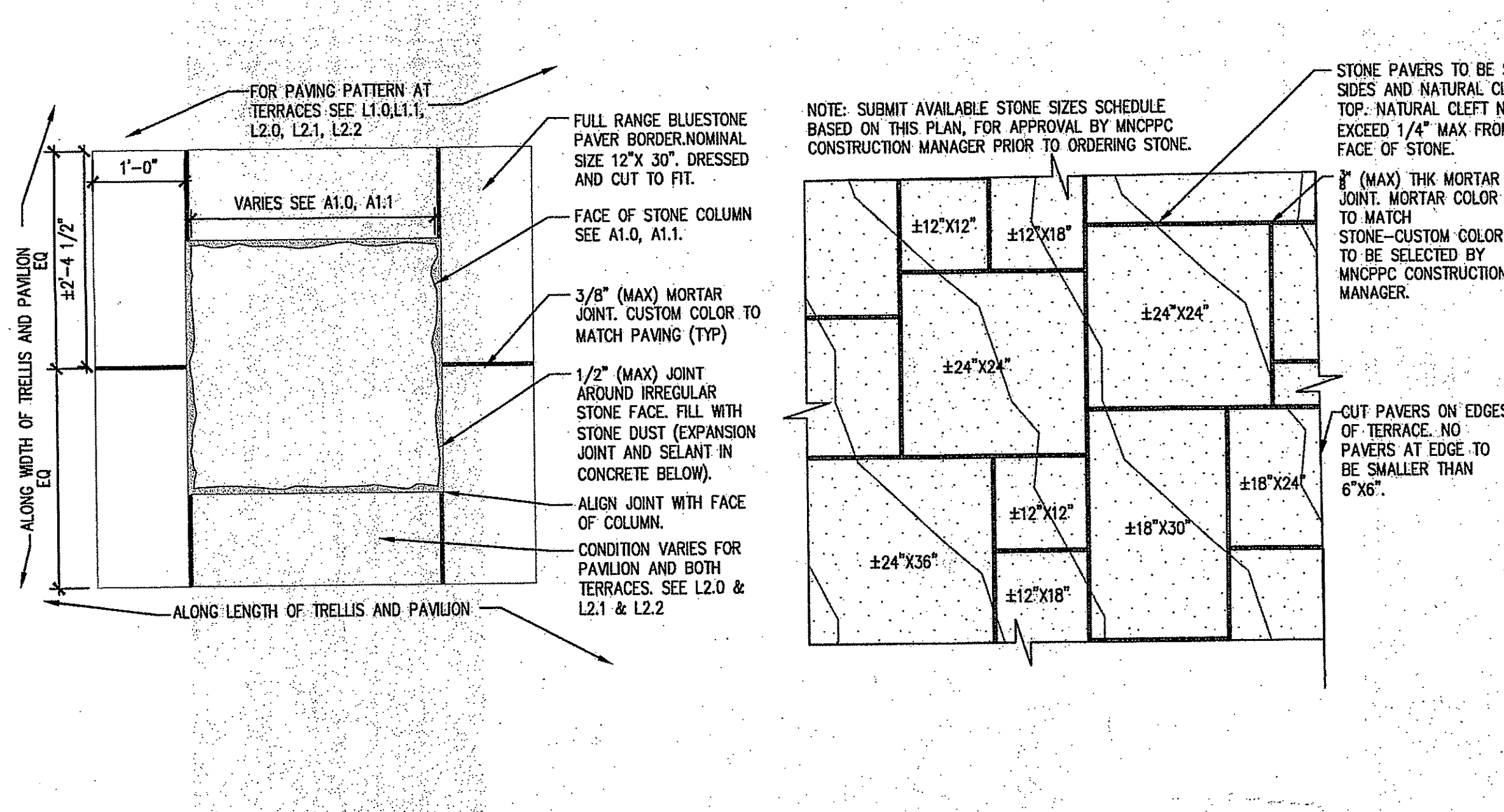
L4.2 1 1/2"= 1'-0" (DETAIL TYPICAL OF ALL FLUSH CURBS AND STEPS / CURB EDGE AT PLAY AREA TERRACE)

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8 ASPHALT EDGE RESTRAINT: DETAIL (TYP)

L4.2 3"= 1'-0" MANUFACTURER "PERMALOC CORPORATION" OR "APPROVED EQUAL"



8 STONE BORDER: PLAN (TYP)

L4.2 3/4"= 1'-0" (TYP OF ALL STONE COLUMNS AT TRELIS AND PAVILION)

REVISIONS	
Rev. No.	Description

9 BLUESTONE PATTERN (TYP)

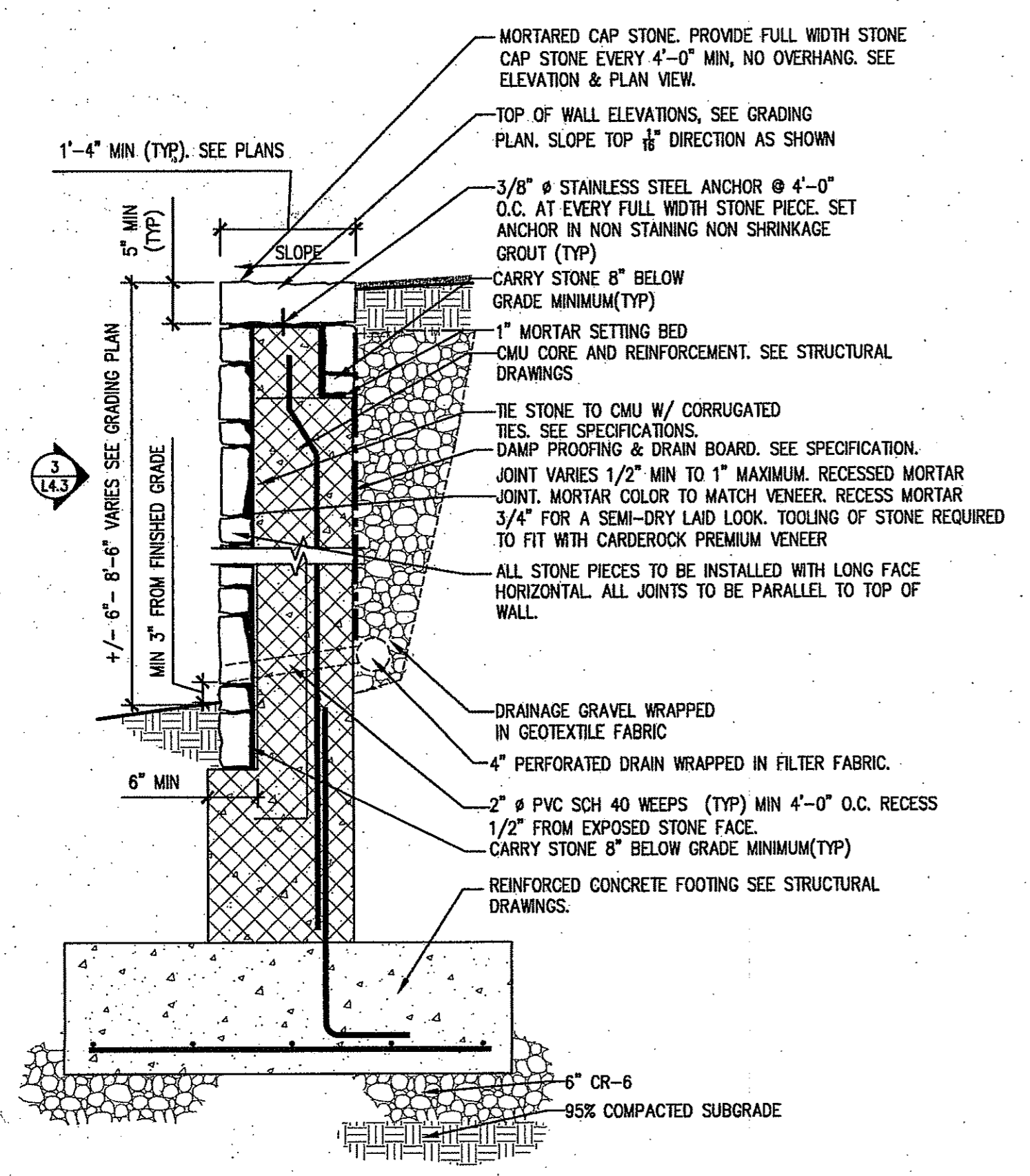
L4.2 3/4"= 1'-0" (TYP OF ALL TERRACES WITH RANDOM RECTILINEAR PAVING)

GREENBRIAR LOCAL PARK
LANDSCAPE CONSTRUCTION
DETAILS-PAVING

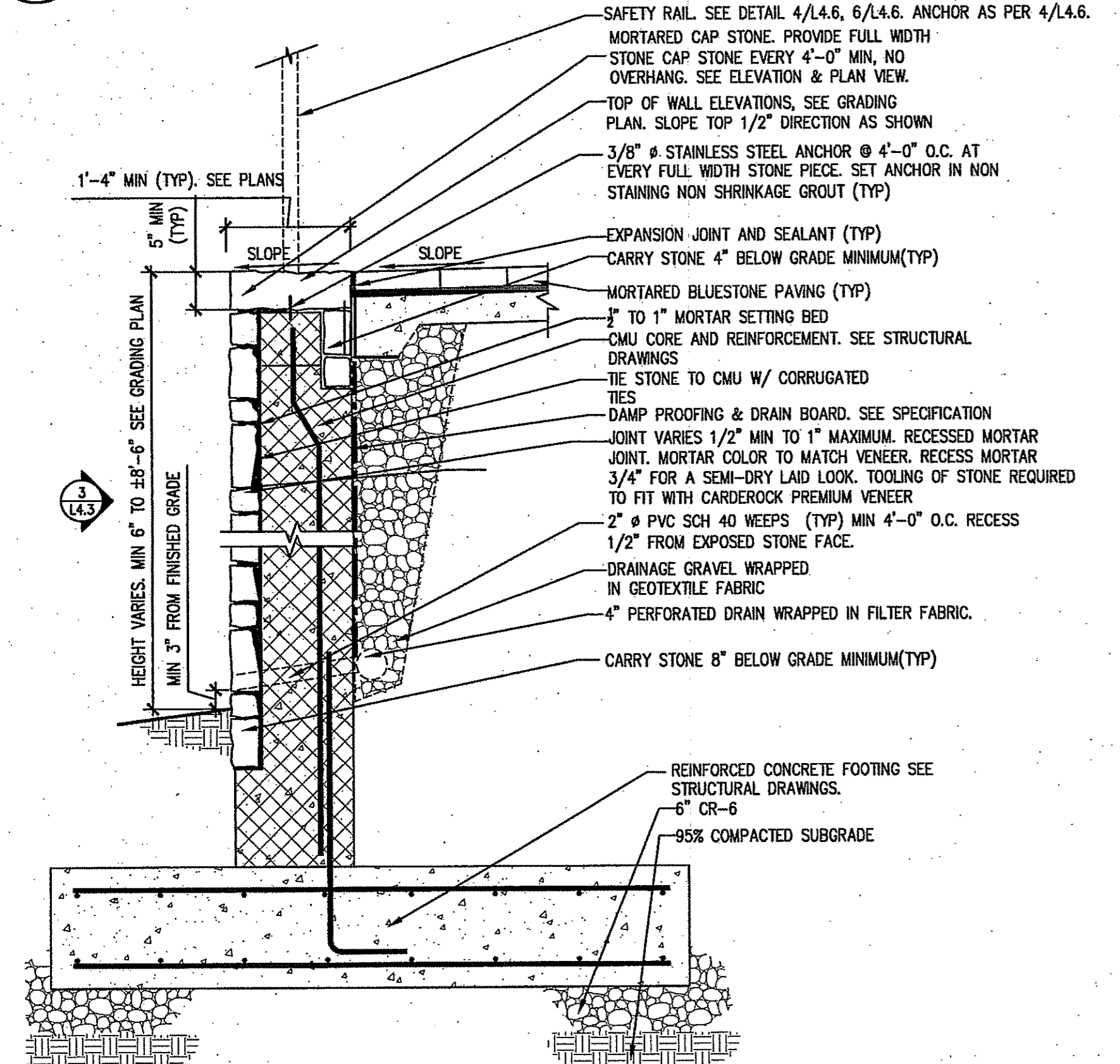
Liber 10551 Folio 180
Liber 10551 Folio 183
Liber 10565 Folio 312

SCALE: AS SHOWN

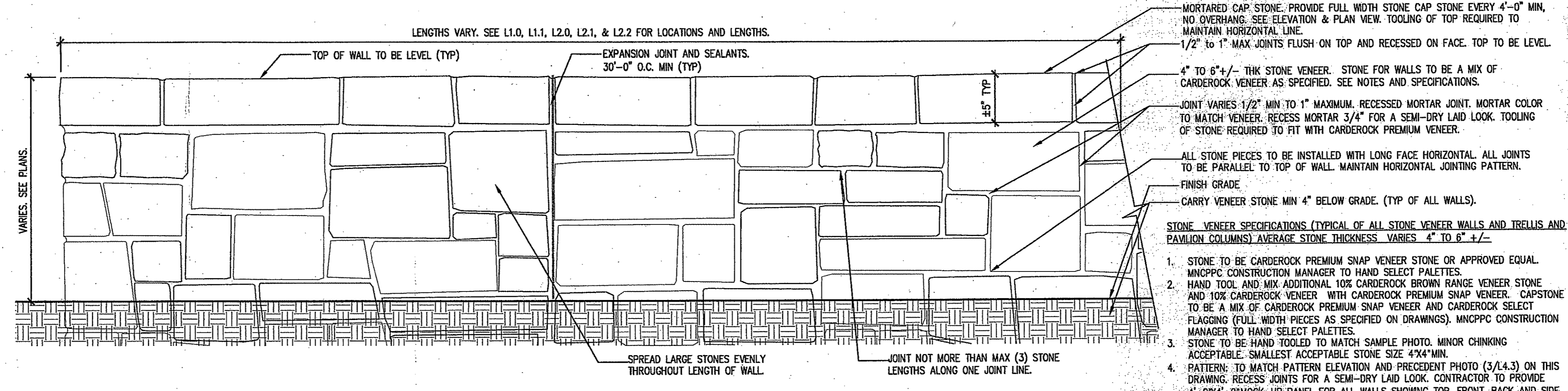
DWG. # ___ of ___
L4.2
SHT. # 30 of 79



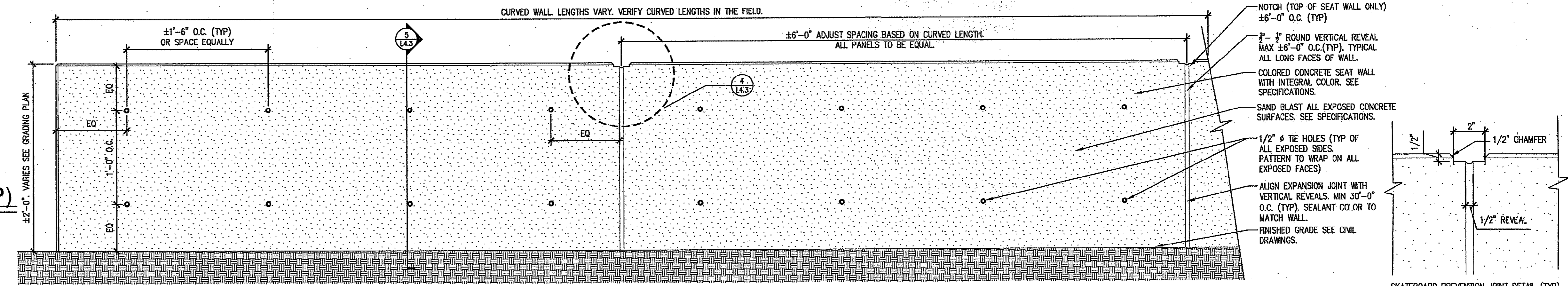
STONE VENEER RETAINING WALL: SECTION (TYP)
 L4.3 3/4" = 1'-0" (TYP OF SOCCER FIELD)



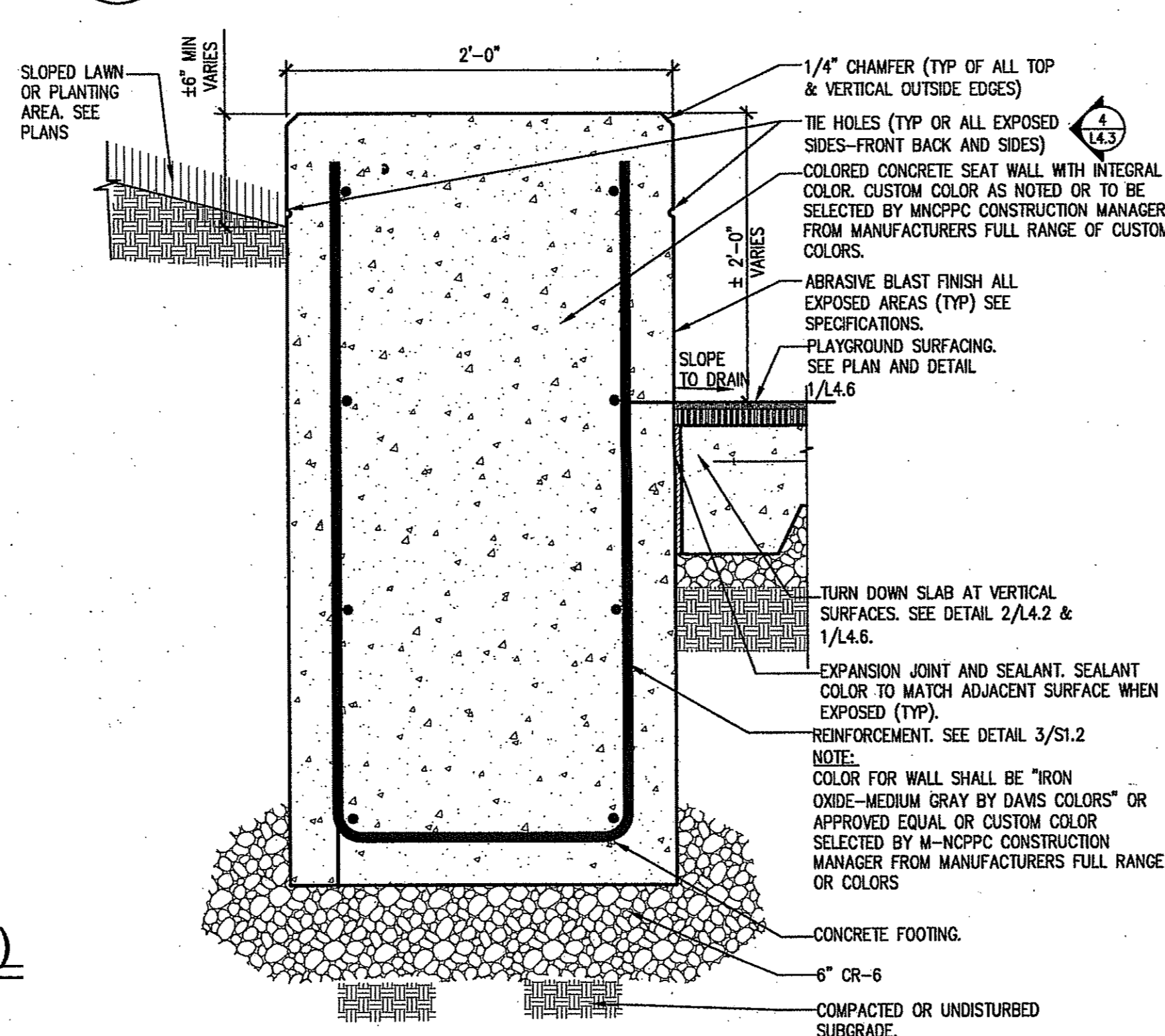
STONE VENEER RETAINING WALL: SECTION (TYP)
 L4.3 3/4" = 1'-0" (TYPICAL OF RETAINING WALL AT PLAY AREA TERRACE)



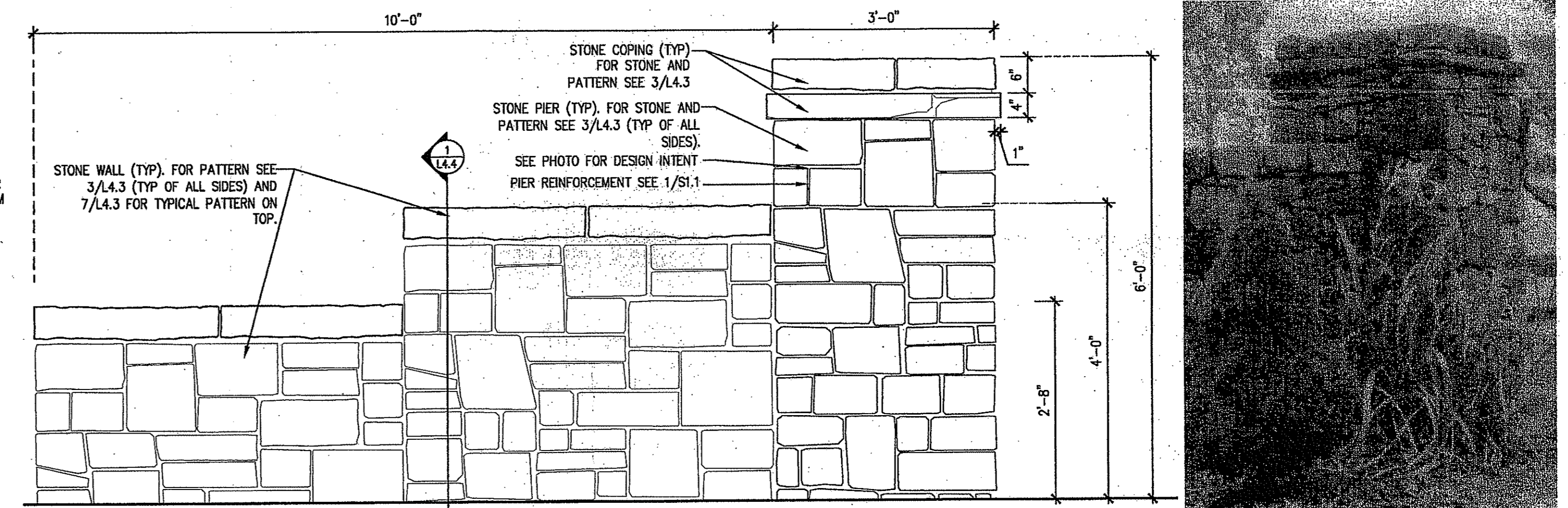
STONE PATTERN REPRESENTATION: PART ELEVATION (TYP)
 L4.3 1 1/2" = 1'-0" (TYPICAL OF ALL STONE VENEER RETAINING WALLS AND SEAT WALLS, TRELIS AND PAVILION COLUMNS AND ENTRY WALLS AND PIER)



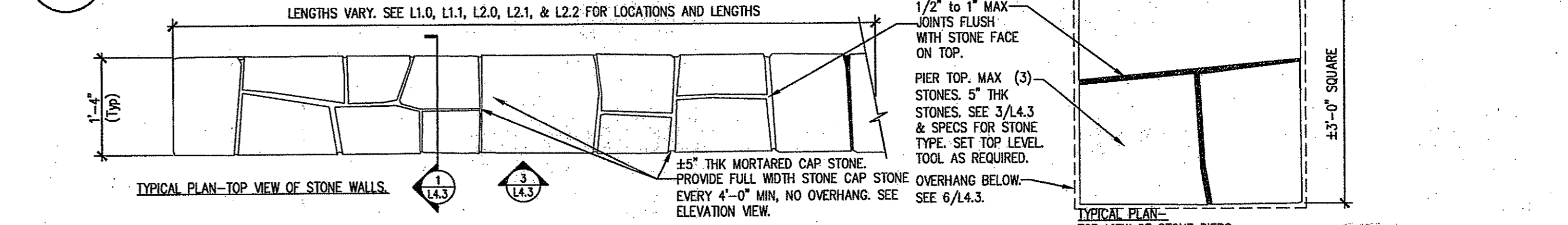
CONCRETE SEAT WALL: ELEVATION (TYP)
 L4.3 1 1/2" = 1'-0"



CONCRETE SEAT WALL DETAIL - TYP.
 L4.3 1 1/2" = 1'-0"



STONE VENEER WALL AT ENTRANCE: ELEVATION (TYP)
 L4.3 3/4" = 1'-0"



STONE VENEER WALL PATTERN: PLAN (TYP)
 L4.3 3/4" = 1'-0" (STONE CAP LAYOUT PATTERN REPRESENTATION TYPICAL FOR ALL ONSITE STONE WALLS)

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 410 837 7311
 410 837 6530 fax
 www.hcm2.com

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 License No. **#526**
 Expiration Date **07-15-13**
 LANDSCAPE ARCHITECT
 License #526
 Julie Barrett Higgins
 STATE OF MARYLAND

The Maryland-National Capital Park and Planning Commission
 Montgomery County Department of Parks
 9500 Brunnet Avenue
 Silver Spring, Maryland 20901
 (301) 495-2535

REVIEW AND APPROVAL		ISSUED FOR PROCUREMENT ON	
Project Manager	Date	Rev. No.	Date
Urda Koma	8/1/13		
Project Engineer	Date	Description	
Bles 2	8/3/13		
Construction Manager	Date		
Park Manager	Date		

GREENBRIAR LOCAL PARK
HARDSCAPE CONSTRUCTION
DETAILS- WALLS
 Liber 10551 Folio 180
 Liber 10551 Folio 183
 Liber 10565 Folio 312
 SCALE AS SHOWN

DWG. # ___ of ___
L4.3
 SHT. # 31 of 79

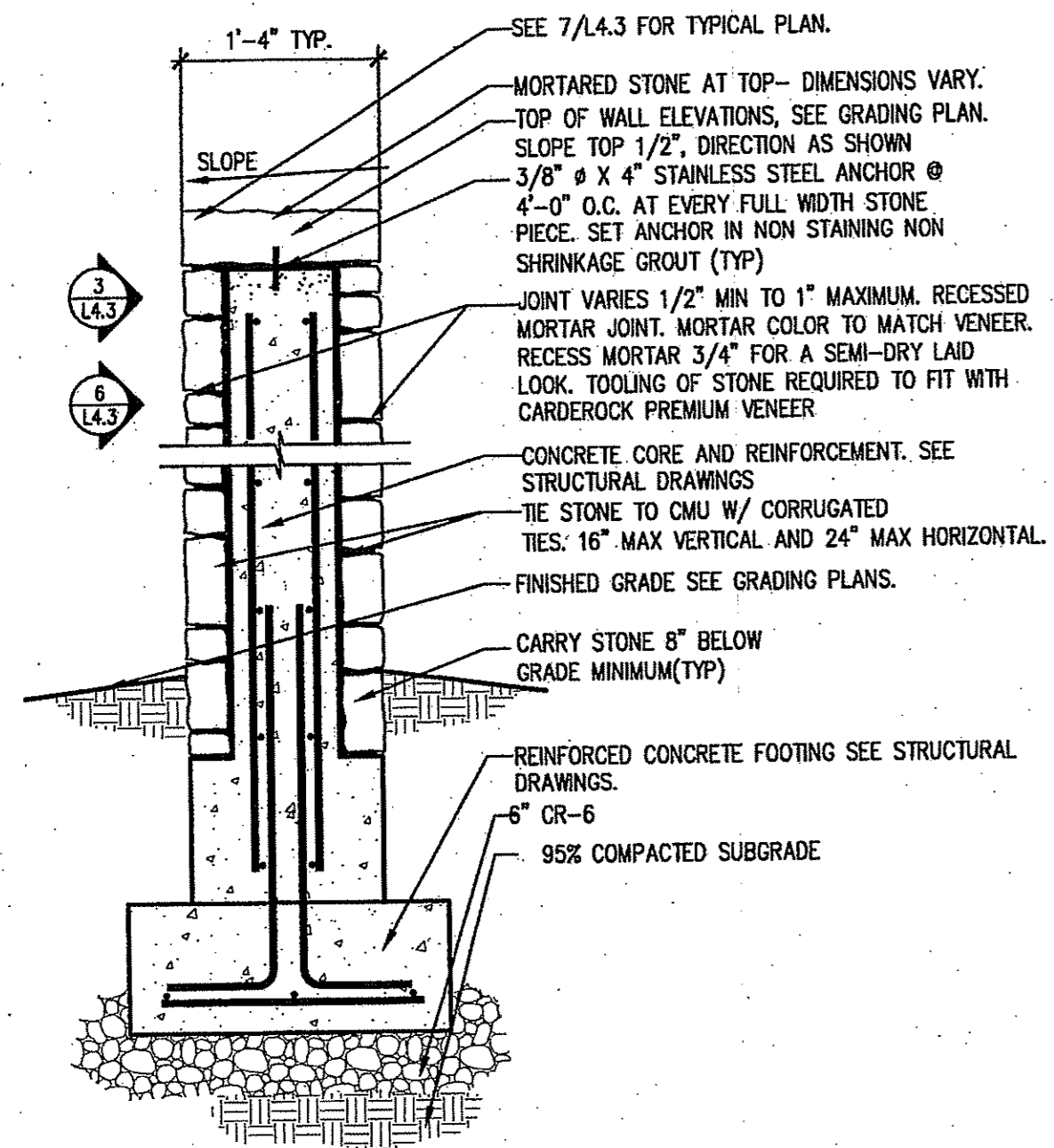
FINAL SCANNED:

PLAN SCANNED:

PARK CODE: C10

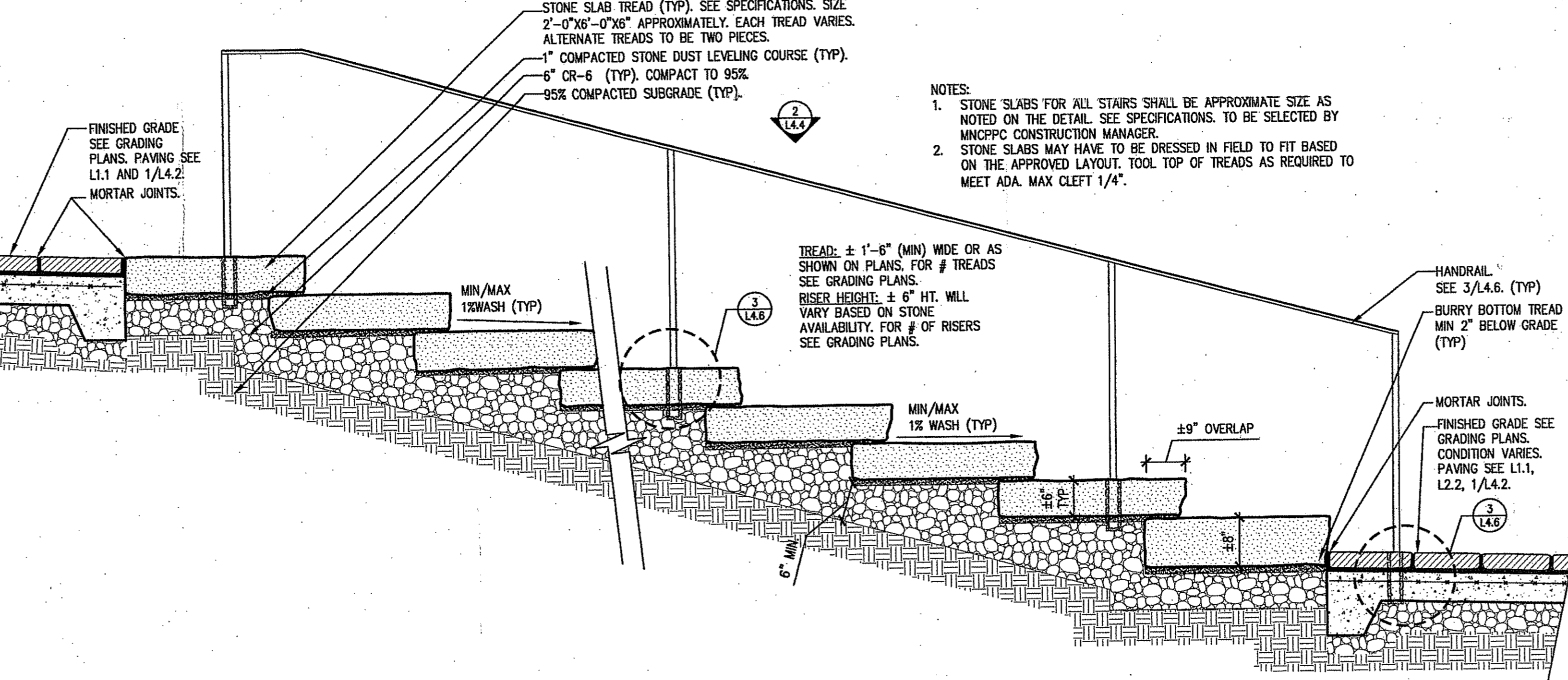
Plotted By: Om Anupjhem

PA 211011.00 MNCPPC Greenbriar Local Park 07 Drawings\01 ARCH CAD-BIM Drawings\A4.4-Hardscape Construction Details-Stairs.dwg Layout1 5/28/2013 12:20 PM HSN_normal.rvt



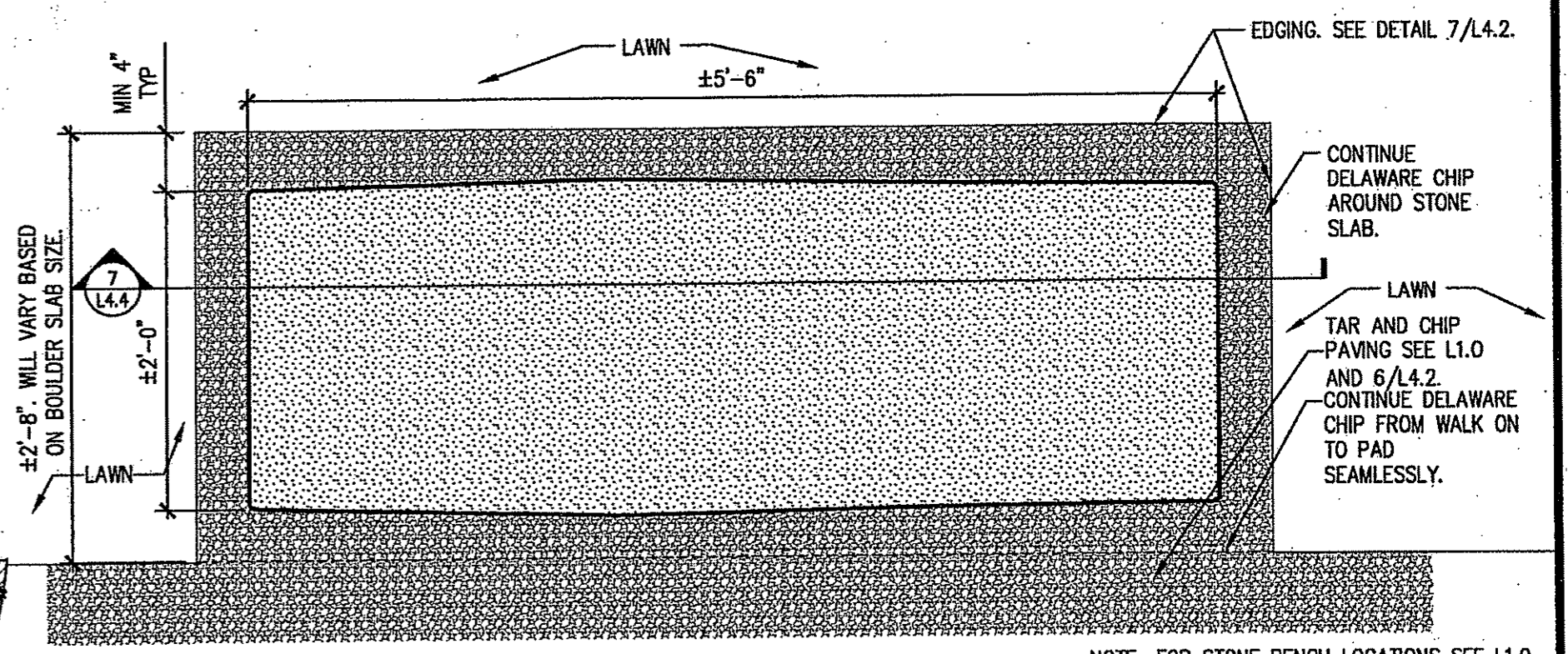
1 STONE VENEER WALL @ ENTRANCE:(TYP)

L4.4 3/4"=1'-0" (SECTION TYP OF 4- ENTRY WALLS)



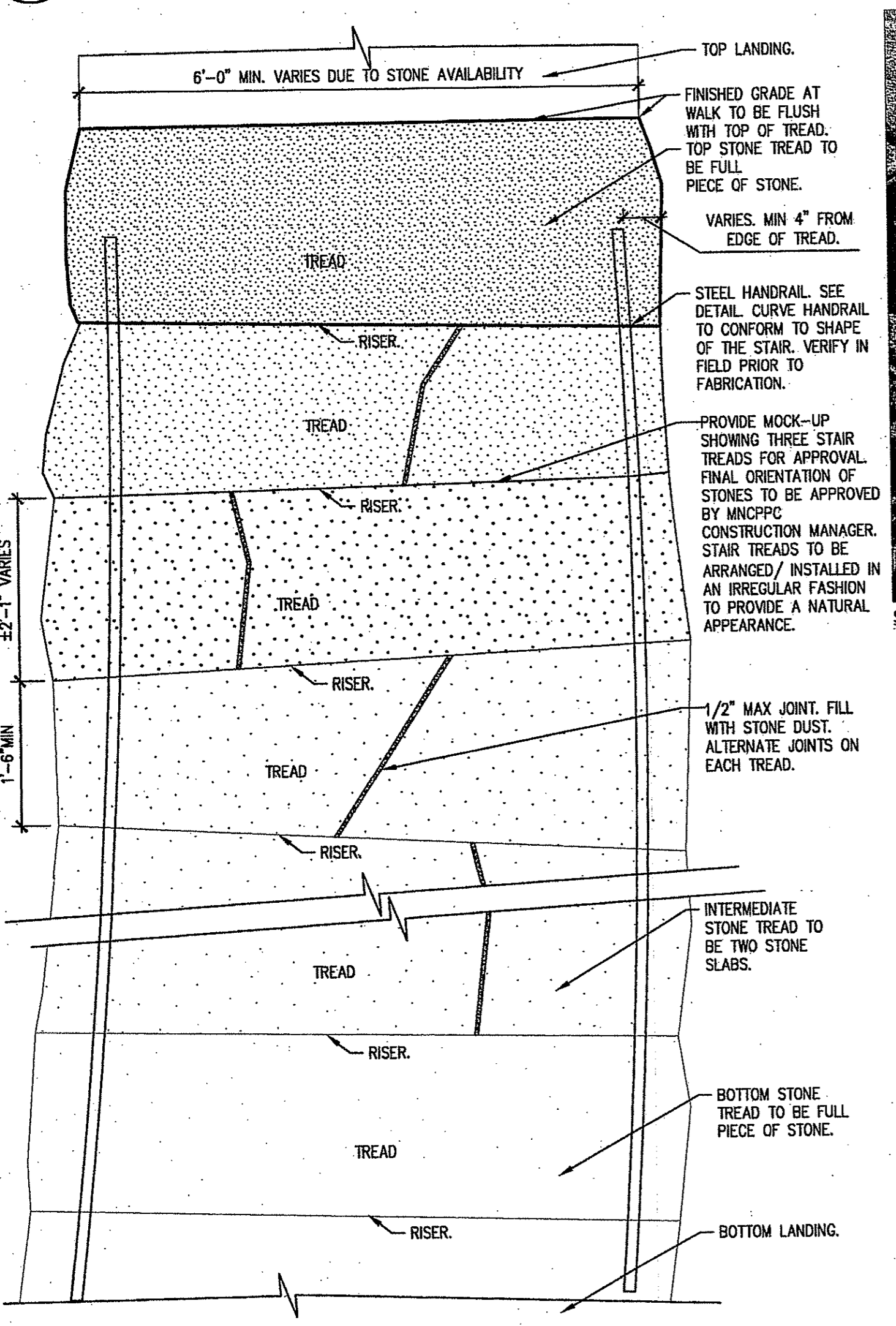
3 DRY LAID STONE SLAB STAIR @ PLAY AREA: SECTION (TYP)

L4.4 3/4"=1'-0"



9 CUSTOM STONE SLAB BENCH:PLAN (TYP)

L4.4 1"=1'-0"

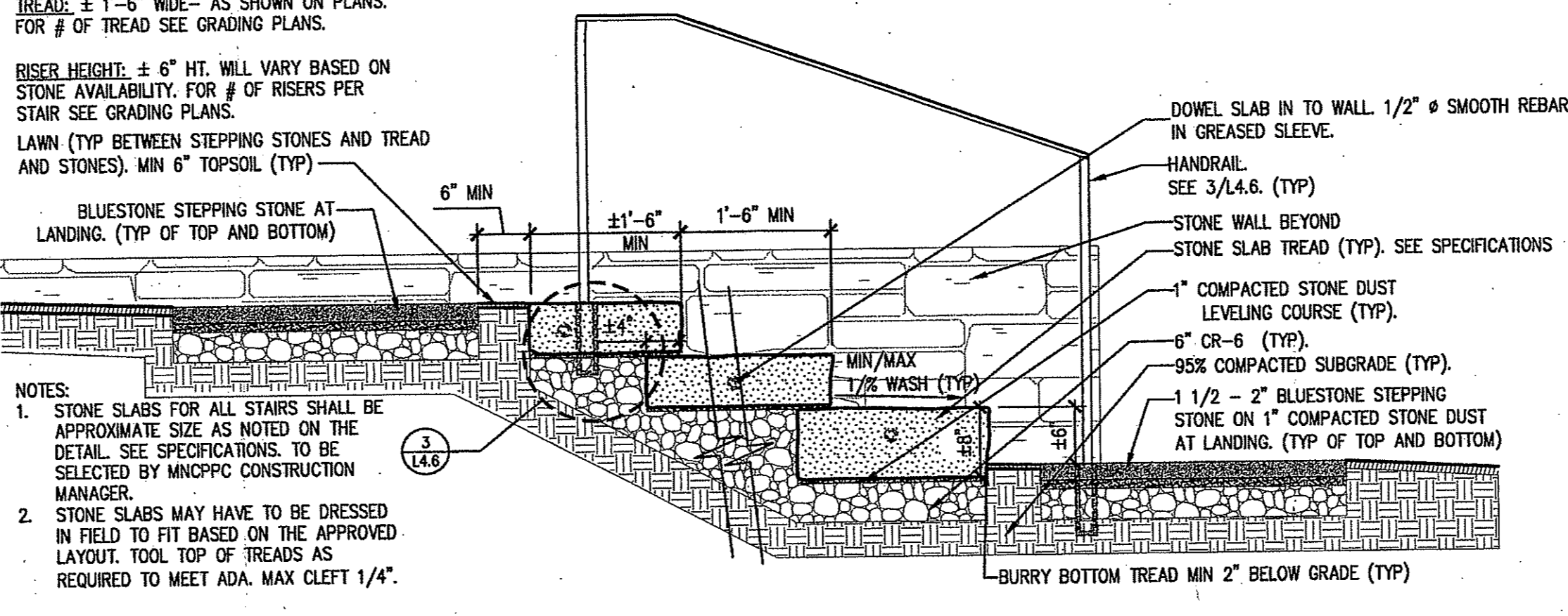


2 DRY LAID STONE STAIR :TYPICAL PLAN

L4.4 3/4"=1'-0" (STAIR TREAD LAYOUT PROTOTYPE FOR ALL SITE STAIRS AT PLAY AREA LOOP)

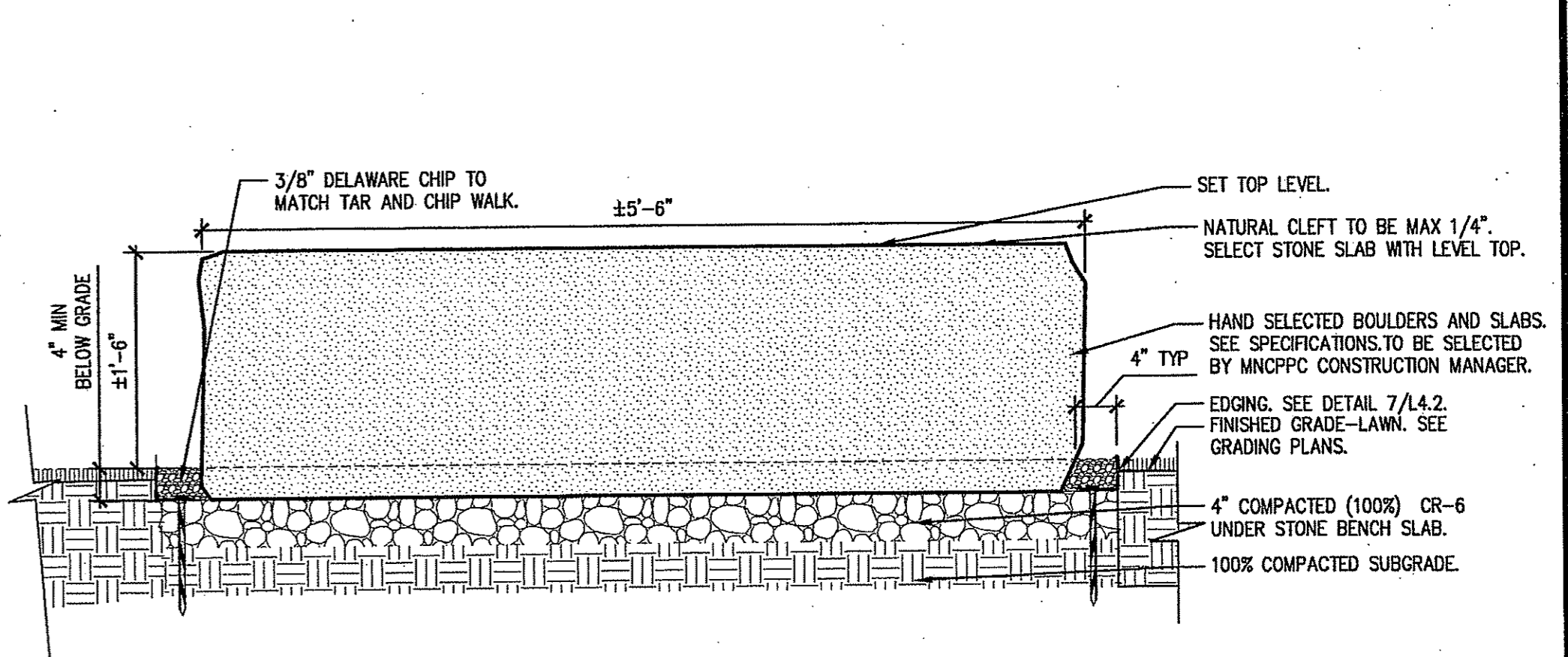


STAIR PRECEDENT PHOTO



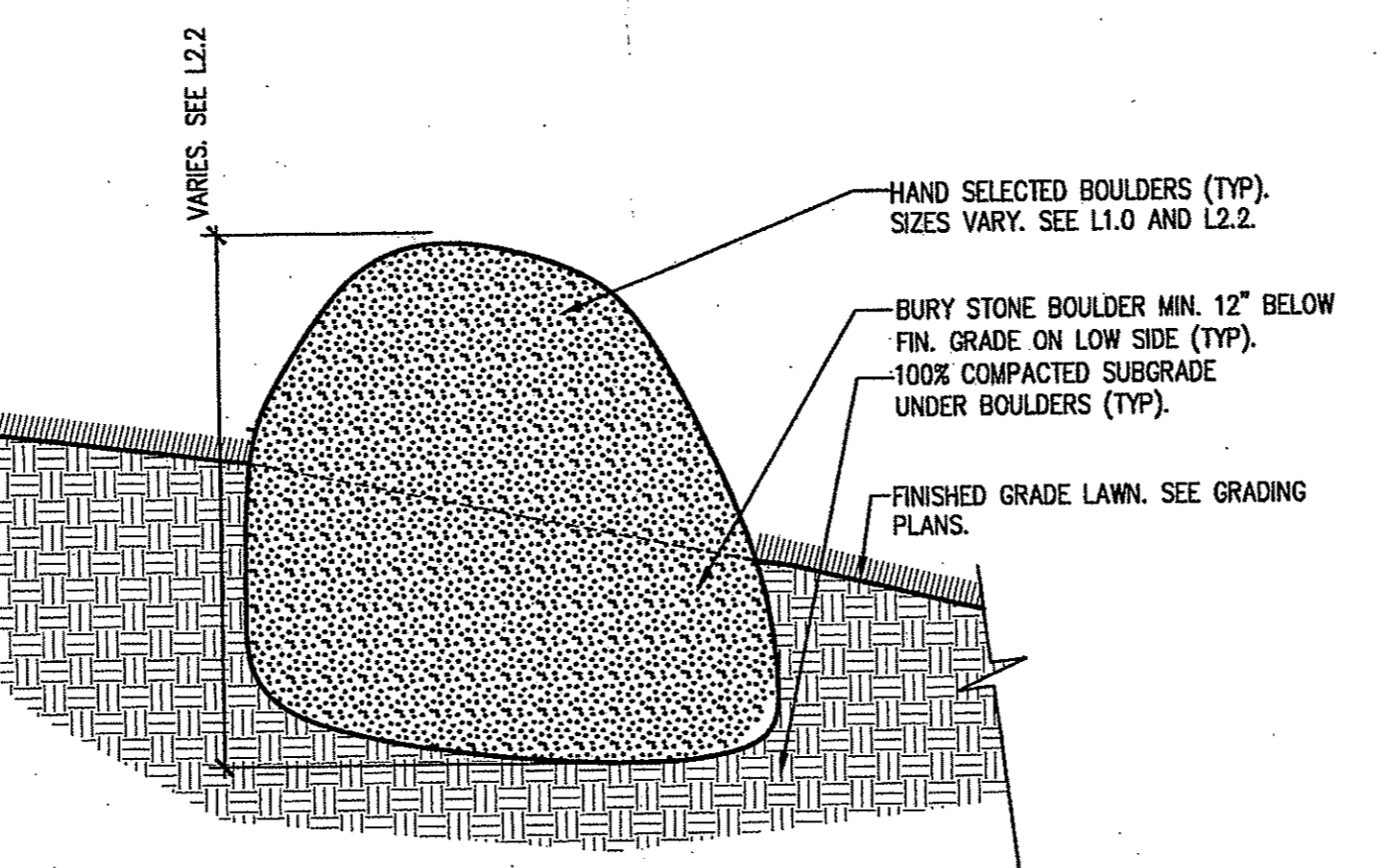
4 DRY LAID STONE SLAB STAIR @ SOCCER FIELD: SECTION (TYP)

L4.4 3/4"=1'-0"



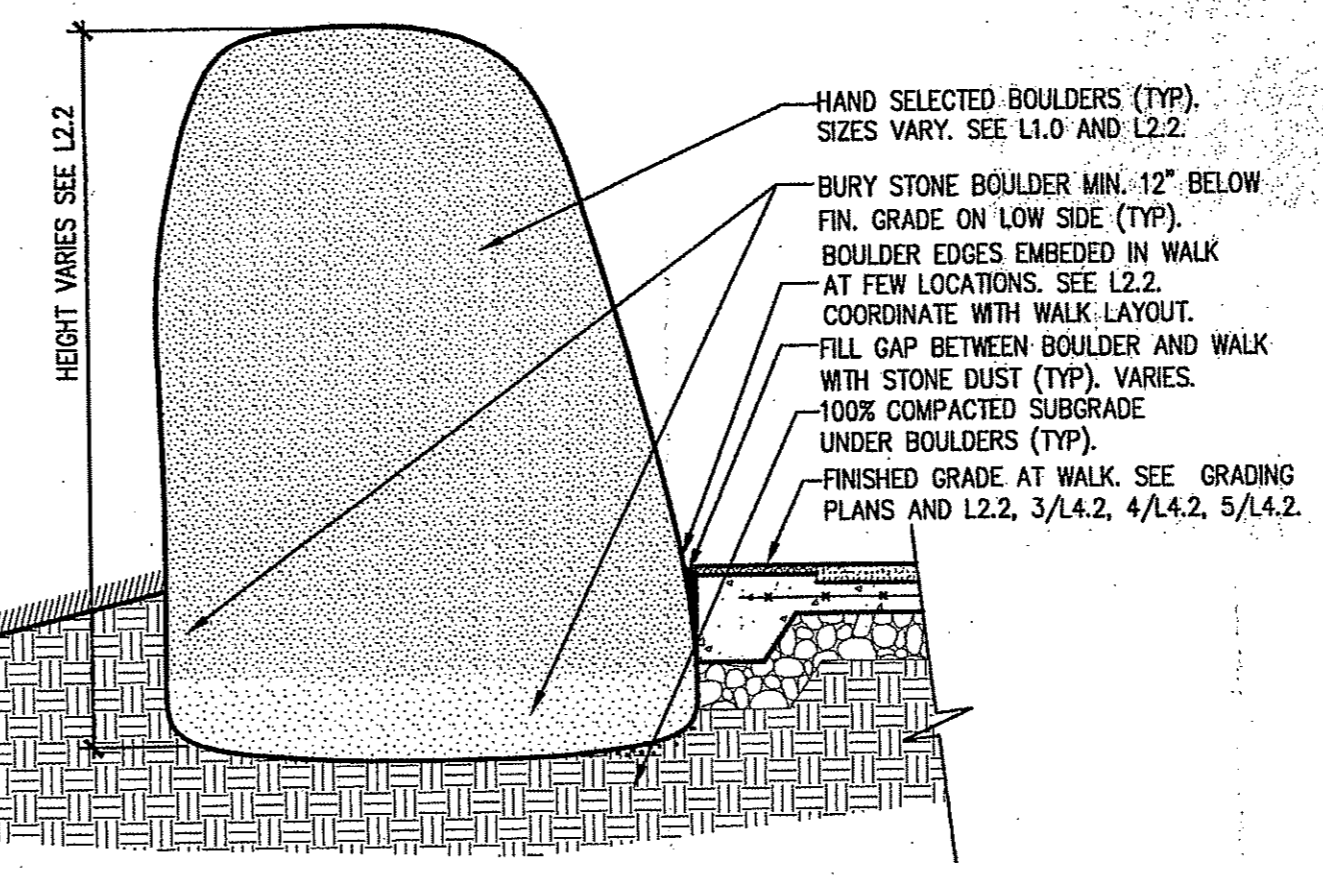
7 CUSTOM STONE SLAB BENCH: SECTION(TYP)

L4.4 1"=1'-0"



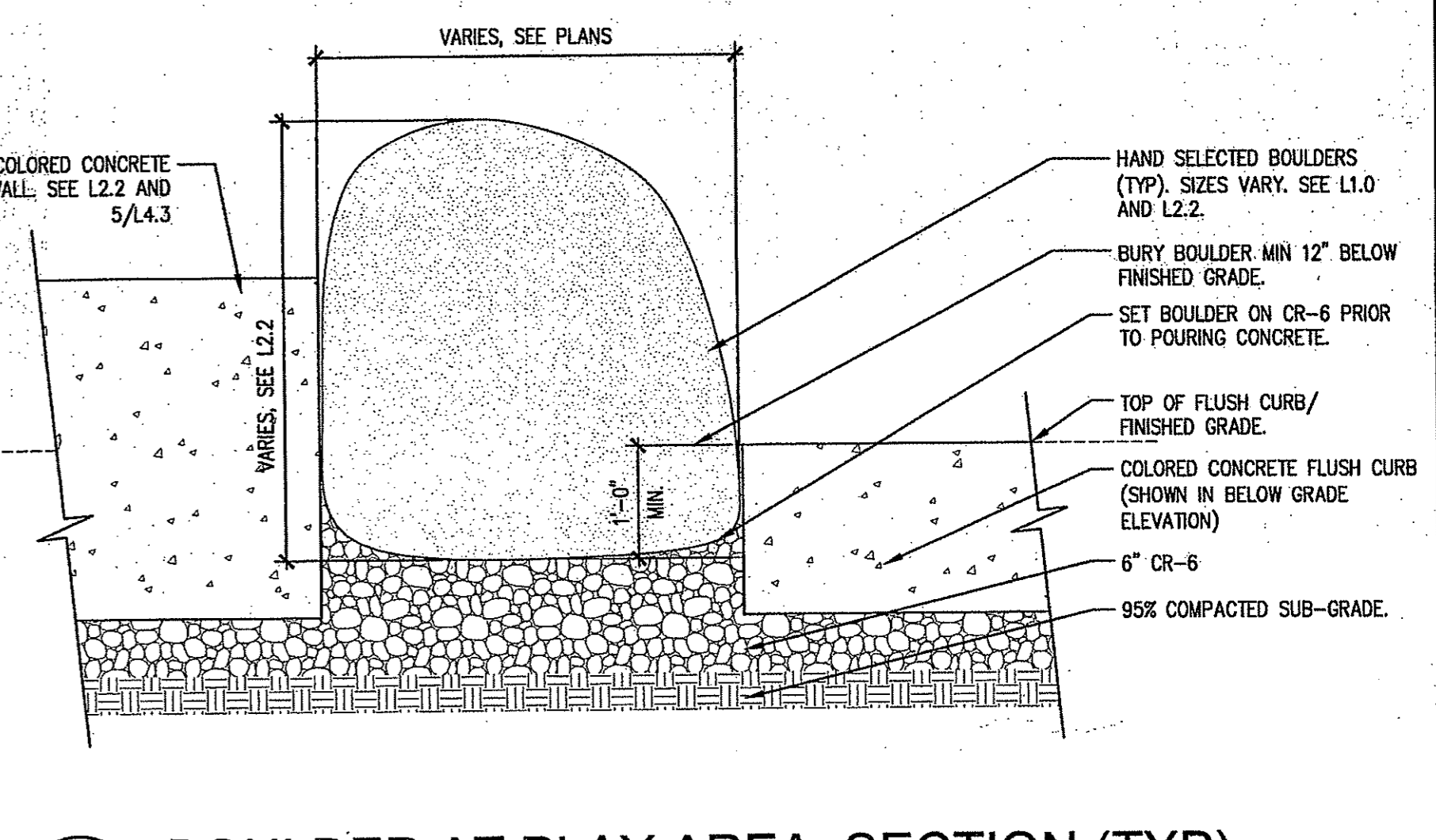
5 BOULDER INSTALLTION: SECTION (TYP)

L4.4 3/4"=1'-0" (TYP OF LAWN AREAS)



6 BOULDER INSTALLTION: SECTION (TYP)

L4.4 3/4"=1'-0" (TYP OF WALK AREAS)

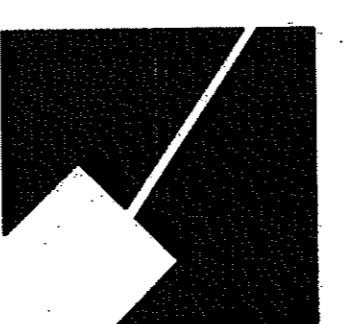
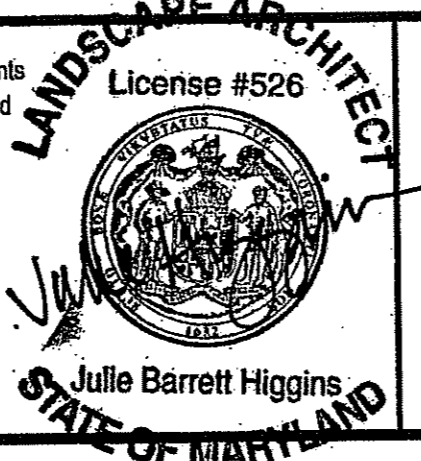


8 BOULDER AT PLAY AREA: SECTION (TYP)

L4.4 3/4"=1'-0" (TYP OF CONDITIONS WHERE BOULDERS ARE SET BETWEEN WALL AND FLUSH CURB)

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 License No. **# 526**
 Expiration Date **07-15-13**



The Maryland-National Capital Park and Planning Commission
 Montgomery County Department of Parks
 9500 Brunnet Avenue
 Silver Spring, Maryland 20901
 (301) 495-2535

REVIEW AND APPROVAL	
Project Manager	Date 8/1/13 <i>Wanda Komes</i>
Project Engineer	Date 8/9/13 <i>BS 25 2</i>
Construction Manager	Date
Park Manager	Date

ISSUED FOR PROCUREMENT ON		
REVISIONS		
Rev. No.	Date	Description

GREENBRIAR LOCAL PARK
HARDSCAPE CONSTRUCTION
DETAILS-STAIRS,BOULDERS,
STONE BENCH Liber 10551 Folio 180
 Liber 10551 Folio 183
 Liber 10565 Folio 312

DWG. # ___ of ___
L4.4
 SHT. # 32 of 79

SCALE: AS SHOWN

FINAL SCANNED: PLAN SCANNED: C10 PARK CODE: 5/29/2013 Printed By: Om Kharfraz, 5/29/2013 Construction Details - Furniture - Layout 1

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QTY: 5 TOTAL

NOTE: FRAME: POWDERCOATED, COLOR: "TITANIUM" OR AS SELECTED BY MNCPPC CONSTRUCTION MANAGER FROM MANUFACTURER'S FULL RANGE OF COLORS.

PERFORATED SEAT PANEL
SOLID TABLETOP INSERT

67 [1702]
33 1/2 [853] 66 3/4 [1698]
12 1/4 [308]
65 1/4 [1660]
1 1/2 [38]
38 1/2 [978]
18 1/4 [464] 30 [764]

(4) 3/8-1/4 X 1-1/2" TAMPER-RESISTANT DROP-IN ANCHORS INCLUDED. SEE INSTALLATION GUIDE FOR MORE INFORMATION.

Drawing: C1220-01
Date: 9/22/2010
Dimensions are in inches (mm)

1 PICNIC TABLES AT TERRACE
L4.5 NTS (LANDSCAPE FORMS INC. OR APPROVED EQUAL)

2 SURFACE MOUNT DETAIL FOR TABLES AND CHAIRS

L4.5 NTS (DETAIL TO BE CONFIRMED WITH MANUFACTURER- ANCHOR PER MANUFACTURERS INSTRUCTIONS)

2 1/2" [63.5]
1 1/4" [31.8]
1 1/4" [31.8]
1/4" [6.4] THICK STEEL ANCHOR BRACKET

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3 INTERPRETIVE SIGN PANEL (TYP OF 3 SIGNS)

L4.5 1 1/2" = 1'-0"

3'-0" [914.4]
6'-7" [2032.0]
2 3/4" [68.8]
3 3/4" [95.3]
2'-0" [609.6]
3'-0" [914.4]
6'-7" [2032.0]

HDPE SIGN PANEL
WOOD POST
CARRIAGE BOLT, POWDERCOATED.
2X6 WOOD POST WITH 3/4" GAP
3/4" SOLID BLOCKING
POST ANCHORING. SEE DETAIL. POWDERCOATED, COLOR AS NOTED. FINISHED GRADE SEE GRADING PLANS.
SLOPE TOP OF FOOTING TO DRAIN.
CONCRETE FOOTING. USE 1'-6" X 3'DP SONOTUBE.

NOTE: 1. SIGN GRAPHIC CONTENT PROVIDED BY MNCPPC. GRAPHICS CONTENT WILL BE ON BOTH SIDES OF ALL SIGNS. ALL PANELS TO BE FURNISHED WITH ANTI GRAFFITI COATING BY 3M OR APPROVED EQUAL.
2. ALL FASTENERS AND PLATES SHALL BE HOT DIPPED GALVANIZED AND POWDERCOATED, COLOR TO BE DUSTY GRAY RAL 7037 OR AS SELECTED BY MNCPPC CONSTRUCTION MANAGER FROM FULL RANGE OF RAL COLORS.
3. ALL WOOD SHALL BE "BLACK LOCUST". SEE SPECIFICATIONS.
4. SUBMIT SHOP DRAWINGS FOR SIGN PANEL SHOWING ATTACHMENTS, DETAILS, GRAPHICS ETC FOR APPROVAL BY CONSTRUCTION MANAGER. ALL SIGN PANEL MOUNTING BRACKETS AND ANCHORS SHALL BE APPROPRIATELY SIZED FOR WIND LOAD AND SIGNED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF MARYLAND.
1/2" 24X36 HDPE SIGN PANEL, MECHANICALLY ATTACH TO POST. CONTINUOUS ATTACHMENT BRACKETS PER SIGN MANUFACTURERS RECOMMENDATION. NO VISIBLE FASTENERS ON SIGN PANELS. BRACKETS TO BE POWDERCOATED TO MATCH REST OF THE HARDWARE AND APPROPRIATELY SIZED FOR WIND LOAD.

Drawing: C814-02
Date: 12/22/2011
Dimensions are in inches (mm)

3 INTERPRETIVE SIGN PANEL (TYP OF 3 SIGNS)
L4.5 1 1/2" = 1'-0"

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www.landscapeforms.com Ph: 800.521.2546

QTY: 4 TOTAL

27 1/4 [692]
4 1/4 [106]
6 1/2 [162] EMBEDDED
3 1/2 [89] TUBING

NOTE: FRAME: POWDERCOATED, COLOR "TITANIUM" OR AS SELECTED BY MNCPPC CONSTRUCTION MANAGER FROM MANUFACTURER'S FULL RANGE OF COLORS.

Drawing: RG463-01
Date: 6/6/2010
Dimensions are in inches (mm)

4 BIKE RACK (TYP)
L4.5 NTS (LANDSCAPE FORMS INC. OR APPROVED EQUAL)

5 ELEVATED WOOD DECK WALK AT ENTRANCE: SECTION (TYP)

L4.5 3/4" = 1'-0"

10'-0" CLEAR
DECK CONSTRUCTION NOTES:
1. ALL STRUCTURAL LUMBER SHALL BE PRESSURE TREATED PINE AND ALL DECKING WOOD FOR THE DECK WALK SHALL BE "BLACK LOCUST" WITH A CLEAR SEALANT. SEE SPECIFICATIONS.
2. ALL EXPOSED FASTENERS, ANCHORS PLATES AND ANGLES SHALL BE HOT DIPPED GALVANIZED AND POWDERCOATED, COLOR TO BE DUSTY GRAY RAL 7037 OR AS SELECTED BY MNCPPC CONSTRUCTION MANAGER FROM FULL RANGE OF RAL COLORS.

2X6 DECKING, 1/8" JOINT BETWEEN DECKING. ANCHOR DECKING WITH HIDDEN FASTENERS. SEE SPECIFICATIONS.
±1/2" OR AS REQUIRED CONTINUOUS WOOD FILLER @ EDGE BOTH SIDES (TYP).
WOOD BEAM/ EDGE (TYP)

WOOD JOIST (TYP)
WOOD SQ. POST.
CONCRETE FOOTING. SEE 10/SI.2.
FINISHED GRADE VARIES. SEE GRADING PLAN

NOTE: SEE 10/SI.2, 11/SI.2 FOR STRUCTURAL DETAILS AND CONNECTIONS. SLOPE. SEE GRADING PLANS

6 BENCH DETAIL: (TYP OF BACKED BENCH AND BACKLESS BENCH)

L4.5 NTS (LANDSCAPE FORMS INC. OR APPROVED EQUAL)

71 1/2 [1816]
24 [607]
1 1/4 [34]
60 1/2 [1537]
27 [684] 18 [456] 33 [839]
20 3/4 [525]

WOOD SEATING SURFACE
SURFACE MOUNT TAB
NON-MARRING GUIDES

NOTE: FRAME: POWDERCOATED, COLOR: TITANIUM OR AS SELECTED BY MNCPPC CONSTRUCTION MANAGER FROM MANUFACTURER'S FULL RANGE OF COLORS. WOOD SLATS: BLACK LOCUST

Drawing: MG504-05
Date: 5/18/2010
Dimensions are in Inches (mm)
U.S. Patent No. D513,566

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6 BENCH DETAIL: (TYP OF BACKED BENCH AND BACKLESS BENCH)
L4.5 NTS (LANDSCAPE FORMS INC. OR APPROVED EQUAL)

VICTOR STANLEY, INC.®

Trash and Recycle Can

QTY: 3 TRASH CANS
QTY: 9 RECYCLE CANS

NOTE: FRAME: POWDER COATED
Color: From Space Gray or as selected by M-NOVUS from Manufacturer's full range of colors
Recycle Can: Black or as selected by M-NOVUS from Manufacturer's full range of colors

NOTE:
1. FINISH: NOT TO SCALE. NOT TO SCALE DIMENSIONS.
2. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED.
3. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED.
4. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED.
5. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED.
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8. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED.
9. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED.

Drawing: C1220-01
Date: 9/22/2010
Dimensions are in inches (mm)

6.1 TRASH AND RECYCLE CAN (TYP)
L4.5 NTS (VICTOR STANLEY INC. OR APPROVED EQUAL)

7 WOOD BRIDGE: SECTION (TYP)

L4.5 3/4" = 1'-0" (TYPICAL FOR THE BRIDGE TO PLAY STRUCTURE)

40" CLEAR (TYP)
3'-6" MIN (TYP)

DECORATIVE SAFETY RAIL
ANCHOR POST TO DECK WITH HOT DIPPED GALVANIZED AND POWDERCOATED STEEL PLATES AND BOLTS. COLOR AS NOTED ON SPECIFICATIONS OR AS SELECTED BY MNCPPC CONSTRUCTION MANAGER FROM FULL RANGE OF RAL COLORS.

2X6 DECKING, 1/8" JOINT BETWEEN DECKING. ANCHOR DECKING WITH HIDDEN FASTENERS. SEE SPECIFICATIONS.
WOOD JOIST (TYP)
WOOD POST (TYP)
FINISHED GRADE. SEE GRADING PLANS

NOTE: SEE 8/SI.2, 9/SI.2 FOR STRUCTURAL DETAILS AND CONNECTIONS.

8 "PUDDIN' DRIPPINS" KID'S TABLE

L4.5 NTS (KEYSTONE RIDGE DESIGNS OR APPROVED EQUAL)

71 1/2 [1816]
24 [607]
1 1/4 [34]
60 1/2 [1537]
17 1/2 [447]
15 3/4 [403]

WOOD SEATING SURFACE
SURFACE MOUNT TAB
NON-MARRING GUIDES

NOTE: FRAME: POWDERCOATED, COLOR: TITANIUM OR AS SELECTED BY MNCPPC CONSTRUCTION MANAGER FROM MANUFACTURER'S FULL RANGE OF COLORS. WOOD SLATS: BLACK LOCUST

Drawing: MG504-05
Date: 5/18/2010
Dimensions are in Inches (mm)
U.S. Patent No. D513,566

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8 "PUDDIN' DRIPPINS" KID'S TABLE
L4.5 NTS (KEYSTONE RIDGE DESIGNS OR APPROVED EQUAL)

DUMOR, INC.®

Picnic Tables

QTY: 71 SERIES

NOTE: FRAME: POWDERCOATED, COLOR: TITANIUM OR AS SELECTED BY MNCPPC CONSTRUCTION MANAGER FROM MANUFACTURER'S FULL RANGE OF COLORS.

Drawing: C1220-01
Date: 9/22/2010
Dimensions are in inches (mm)

9 WOOD PICNIC TABLES (TYP)
L4.5 NTS (DUMOR INC. OR APPROVED EQUAL)

9 WOOD BRIDGE: SECTION (TYP)

L4.5 3/4" = 1'-0" (TYPICAL FOR THE BRIDGE TO PLAY STRUCTURE)

40" CLEAR (TYP)
3'-6" MIN (TYP)

DECORATIVE SAFETY RAIL
ANCHOR POST TO DECK WITH HOT DIPPED GALVANIZED AND POWDERCOATED STEEL PLATES AND BOLTS. COLOR AS NOTED ON SPECIFICATIONS OR AS SELECTED BY MNCPPC CONSTRUCTION MANAGER FROM FULL RANGE OF RAL COLORS.

2X6 DECKING, 1/8" JOINT BETWEEN DECKING. ANCHOR DECKING WITH HIDDEN FASTENERS. SEE SPECIFICATIONS.
WOOD JOIST (TYP)
WOOD POST (TYP)
FINISHED GRADE. SEE GRADING PLANS

NOTE: SEE 8/SI.2, 9/SI.2 FOR STRUCTURAL DETAILS AND CONNECTIONS.

7 WOOD BRIDGE: SECTION (TYP)

L4.5 3/4" = 1'-0" (TYPICAL FOR THE BRIDGE TO PLAY STRUCTURE)

40" CLEAR (TYP)
3'-6" MIN (TYP)

DECORATIVE SAFETY RAIL
ANCHOR POST TO DECK WITH HOT DIPPED GALVANIZED AND POWDERCOATED STEEL PLATES AND BOLTS. COLOR AS NOTED ON SPECIFICATIONS OR AS SELECTED BY MNCPPC CONSTRUCTION MANAGER FROM FULL RANGE OF RAL COLORS.

2X6 DECKING, 1/8" JOINT BETWEEN DECKING. ANCHOR DECKING WITH HIDDEN FASTENERS. SEE SPECIFICATIONS.
WOOD JOIST (TYP)
WOOD POST (TYP)
FINISHED GRADE. SEE GRADING PLANS

NOTE: SEE 8/SI.2, 9/SI.2 FOR STRUCTURAL DETAILS AND CONNECTIONS.

7 WOOD BRIDGE: SECTION (TYP)
L4.5 3/4" = 1'-0" (TYPICAL FOR THE BRIDGE TO PLAY STRUCTURE)

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Baltimore, MD 21202
410 837 7311
410 837 6530 fax
www.hcm2.com

Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed Landscape Architect under the laws of the State of Maryland.

License No. #526
Expiration Date 07-15-13

LANDSCAPE ARCHITECT
License #526
Julie Barrett Higgins
STATE OF MARYLAND

The Maryland-National Capital Park and Planning Commission
Montgomery County Department of Parks
9500 Brunnet Avenue
Silver Spring, Maryland 20901
(301) 495-2535

REVIEW AND APPROVAL
Project Manager
Date 8/13/13
Project Engineer
Date 8/13/13
Construction Manager
Date
Park Manager
Date

ISSUED FOR PROCUREMENT ON
REVISIONS
Rev. No. Date Description

GREENBRIAR LOCAL PARK
HARDSCAPE CONSTRUCTION
DETAILS - FURNISHINGS AND DECKS
SCALE: AS SHOWN
Liber 10551 Folio 180
Liber 10551 Folio 183
Liber 10565 Folio 312

DWG. # of
L4.5
SHT. # 33 of 79

FINAL SCANNED:

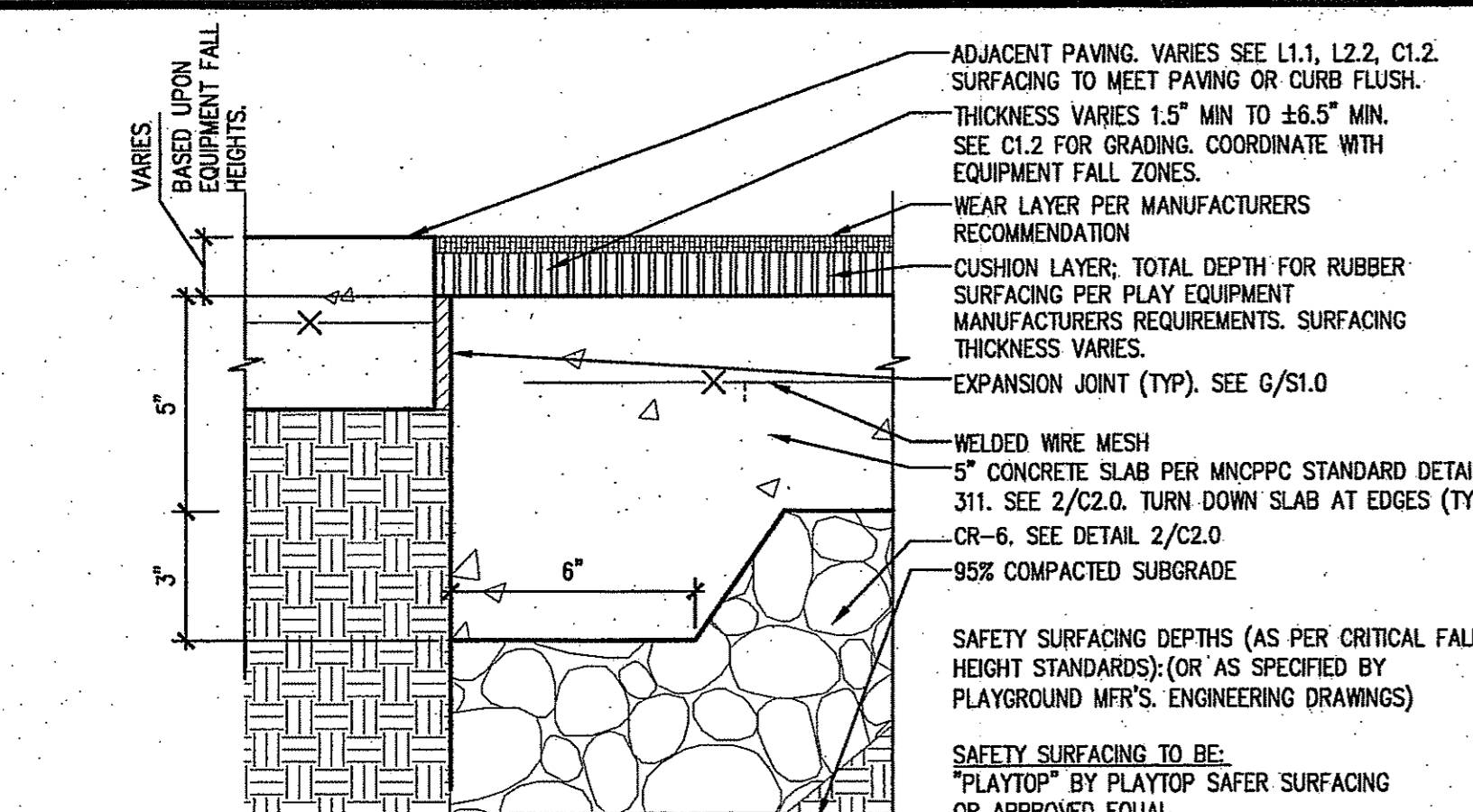
PLAN SCANNED:

C10

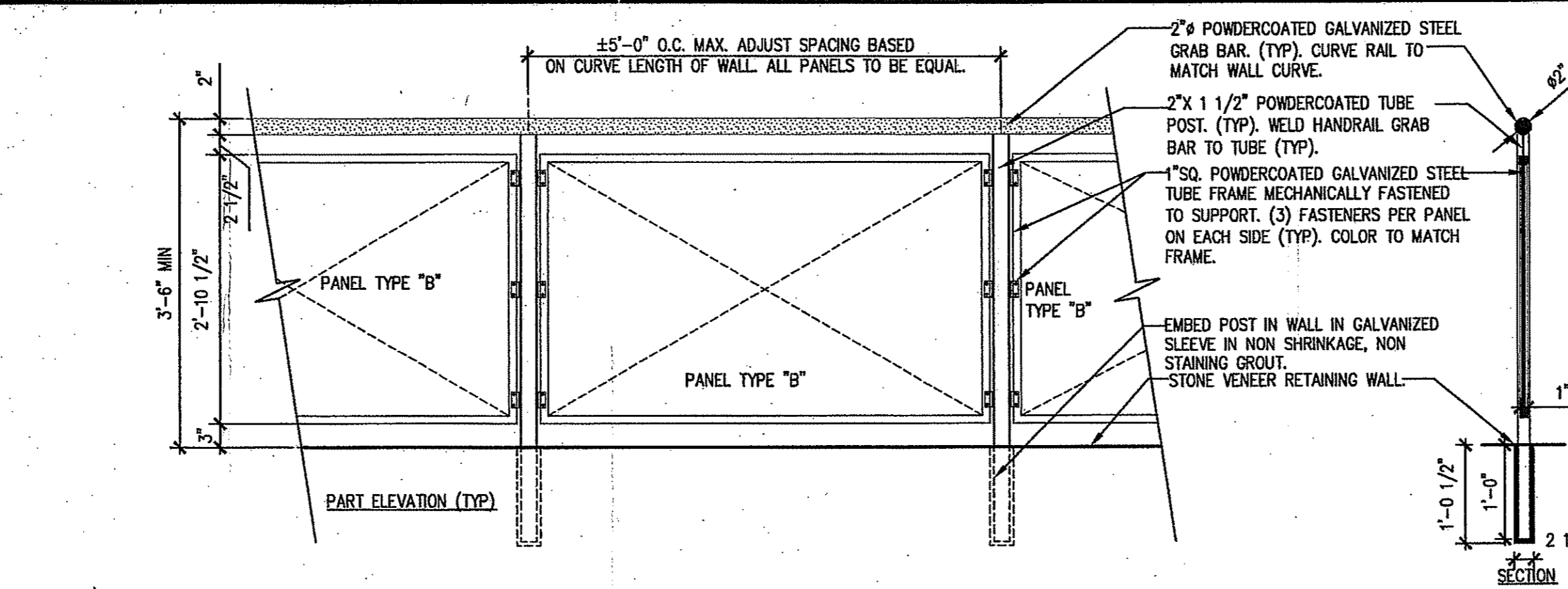
PARK CODE:

Plotted By: Cm Khoujdar

Arch: CAD-BIM Drawings L4.6 Hardscape Construction Details - Rails - Arch Etc. - Arch Layout



1 **PLAYGROUND SURFACING: DETAIL (TYP)**
L4.6 3\"/>

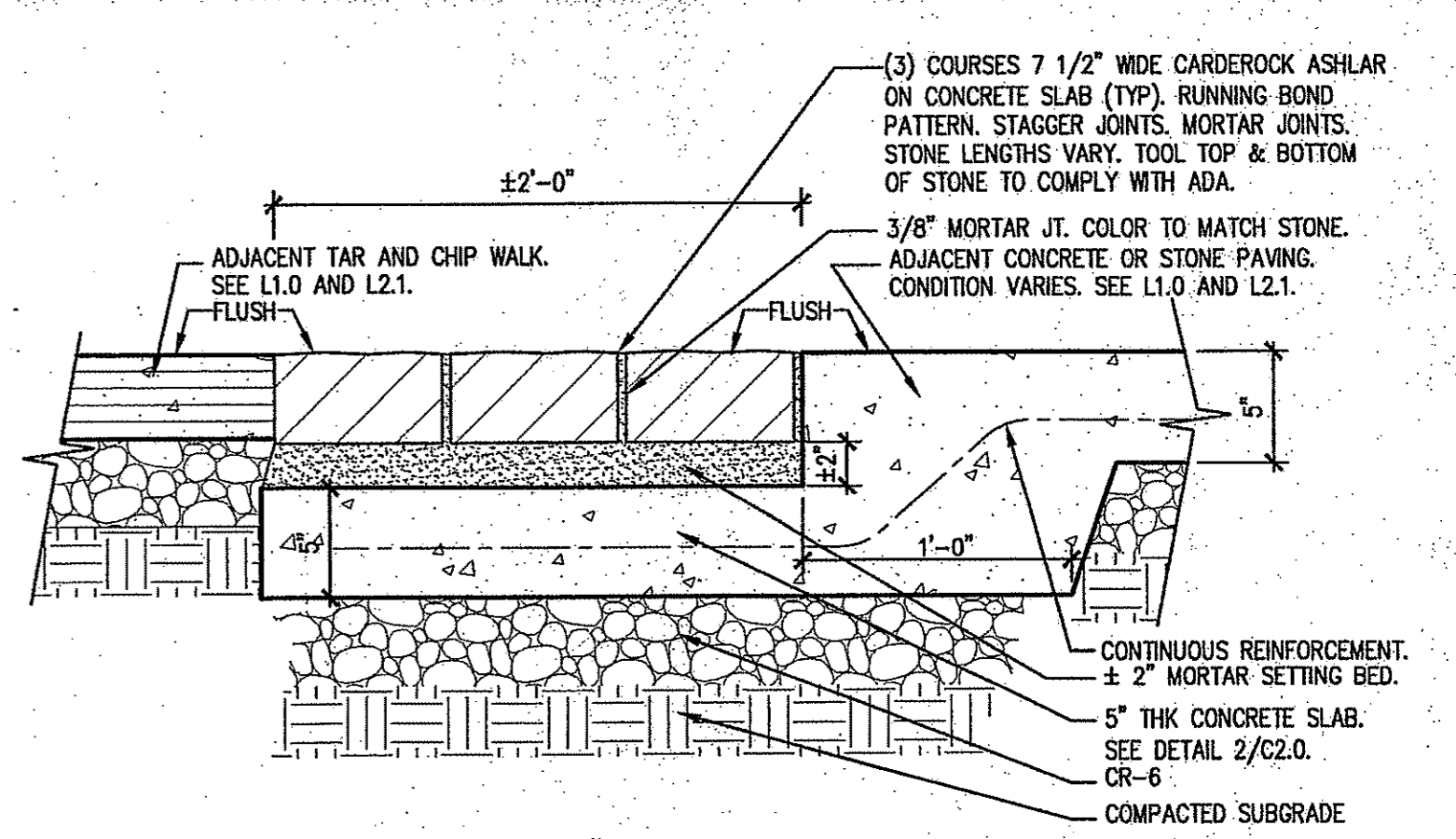


4 **SAFETY RAIL AT PLAY AREA TERRACE: SECTION & ELEVATION**
L4.6 3/4\"/>

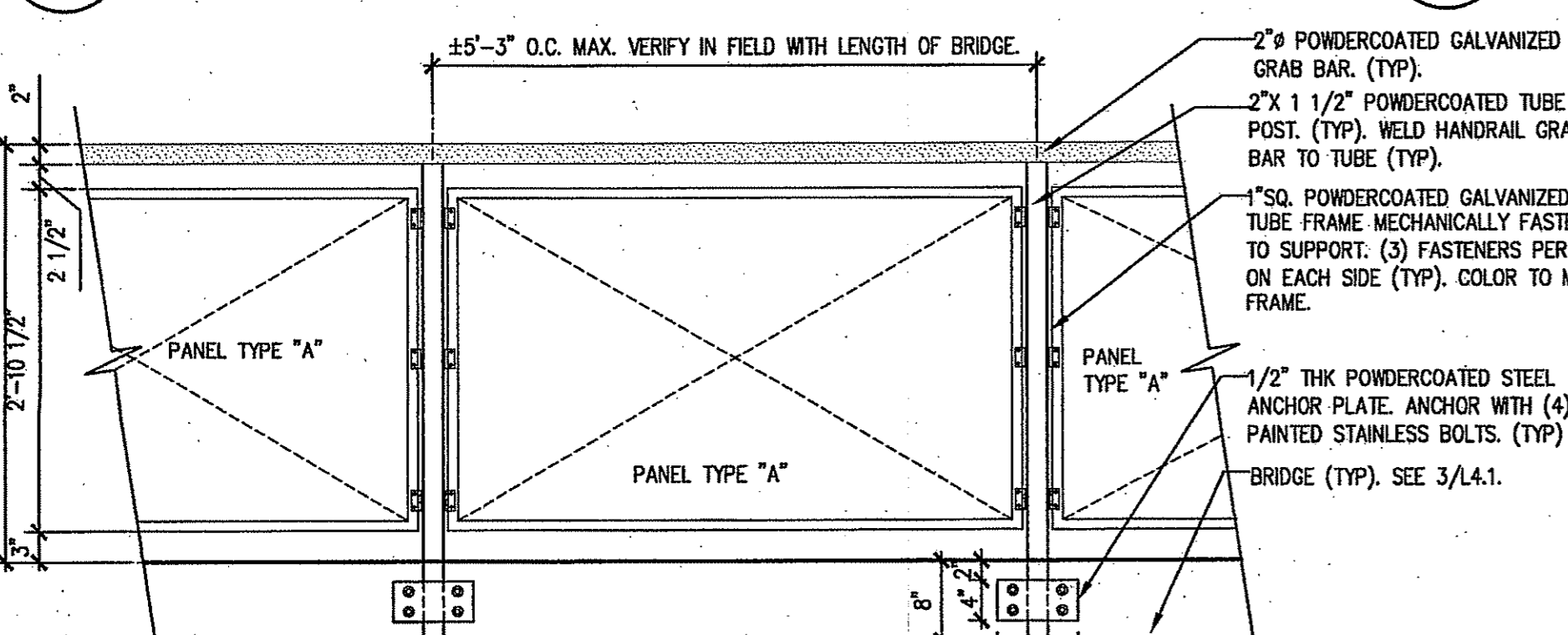
SAFETY RAIL NOTES:

- SUBMIT DETAIL SHOP DRAWINGS FOR ALL SAFETY RAIL FABRICATION WORK FOR APPROVAL BY MNCPPC CONSTRUCTION MANAGER. SHOP DRAWINGS TO BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER IN STATE OF MARYLAND.
- SUBMIT MATERIALS SAMPLES, COLOR SAMPLES AND WELDING SAMPLES FOR APPROVAL MNCPPC CONSTRUCTION MANAGER.
- PROVIDE PRELIMINARY MOC-UP OF ONE PANEL FOR APPROVAL. UPON FINAL APPROVAL RAIL PANEL MAY BE USED AS PART OF THE FINAL PRODUCT.
- ALL WELDS SHALL BE GROUND SMOOTH WITHOUT COMPROMISING THE STRUCTURAL STRENGTH OF THE WELD.
- ALL STEEL SHALL BE HOT DIPPED GALVANIZED AND POWDERCOATED. SEE SPECIFICATIONS. COLOR TO BE:
 - Mesh and mesh frame: RAL 9011 Graphite Black
 - Post and Rollings: RAL 7037 Dusty Grey
 - Gloss for oil powdercoating: Matte finish
 - All exposed hardware: To Match Post and Rollings.

OR AS SELECTED BY MNCPPC CONSTRUCTION MANAGER FROM FULL RANGE OF RAL COLORS.



10 **STONE TRANSITION BAND DETAIL (TYP)**
L4.6 1 1/2\"/>

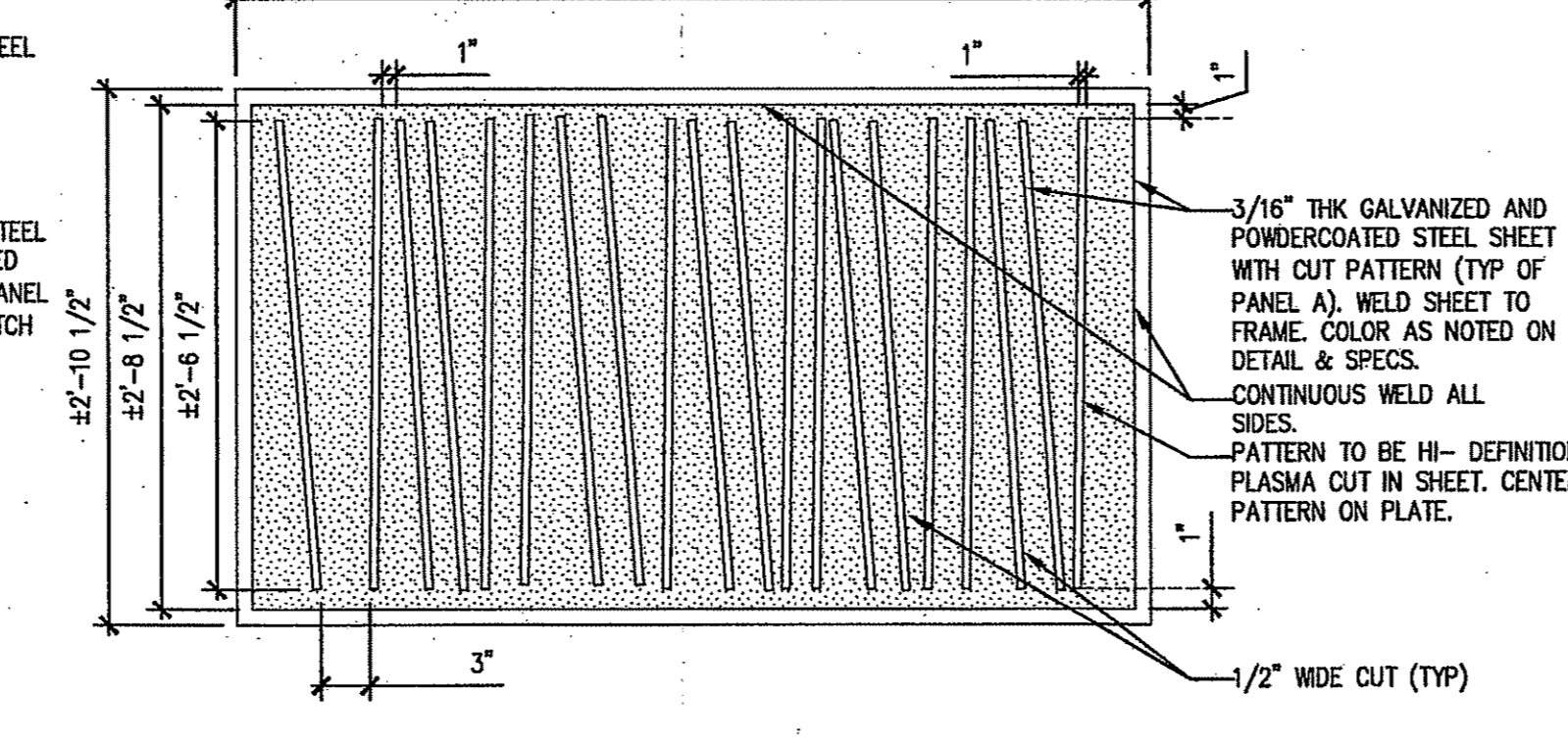


2 **SAFETY RAIL @ BRIDGE: ELEVATION**
L4.6 3/4\"/>

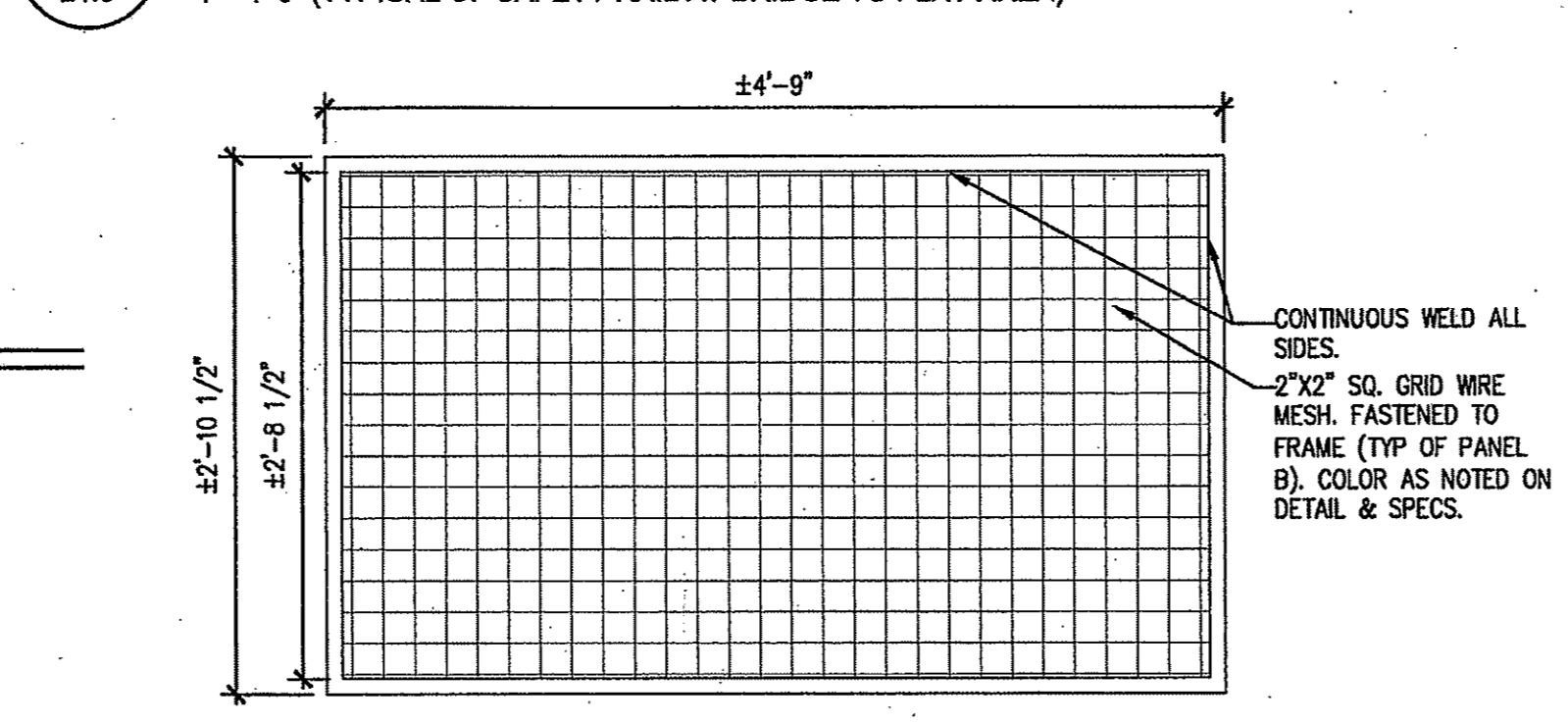
SAFETY RAIL NOTES:

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- PROVIDE PRELIMINARY MOC-UP OF ONE PANEL FOR APPROVAL. UPON FINAL APPROVAL RAIL PANEL MAY BE USED AS PART OF THE FINAL PRODUCT.
- ALL WELDS SHALL BE GROUND SMOOTH WITHOUT COMPROMISING THE STRUCTURAL STRENGTH OF THE WELD.
- ALL STEEL SHALL BE HOT DIPPED GALVANIZED AND POWDERCOATED. SEE SPECIFICATIONS. COLOR TO BE:
 - Metal Mesh Panels: RAL 9010 Grass Green
 - Post and Rollings: RAL 7037 Dusty Grey
 - Gloss for oil powdercoating: Matte finish
 - All exposed hardware: To Match Post and Rollings.

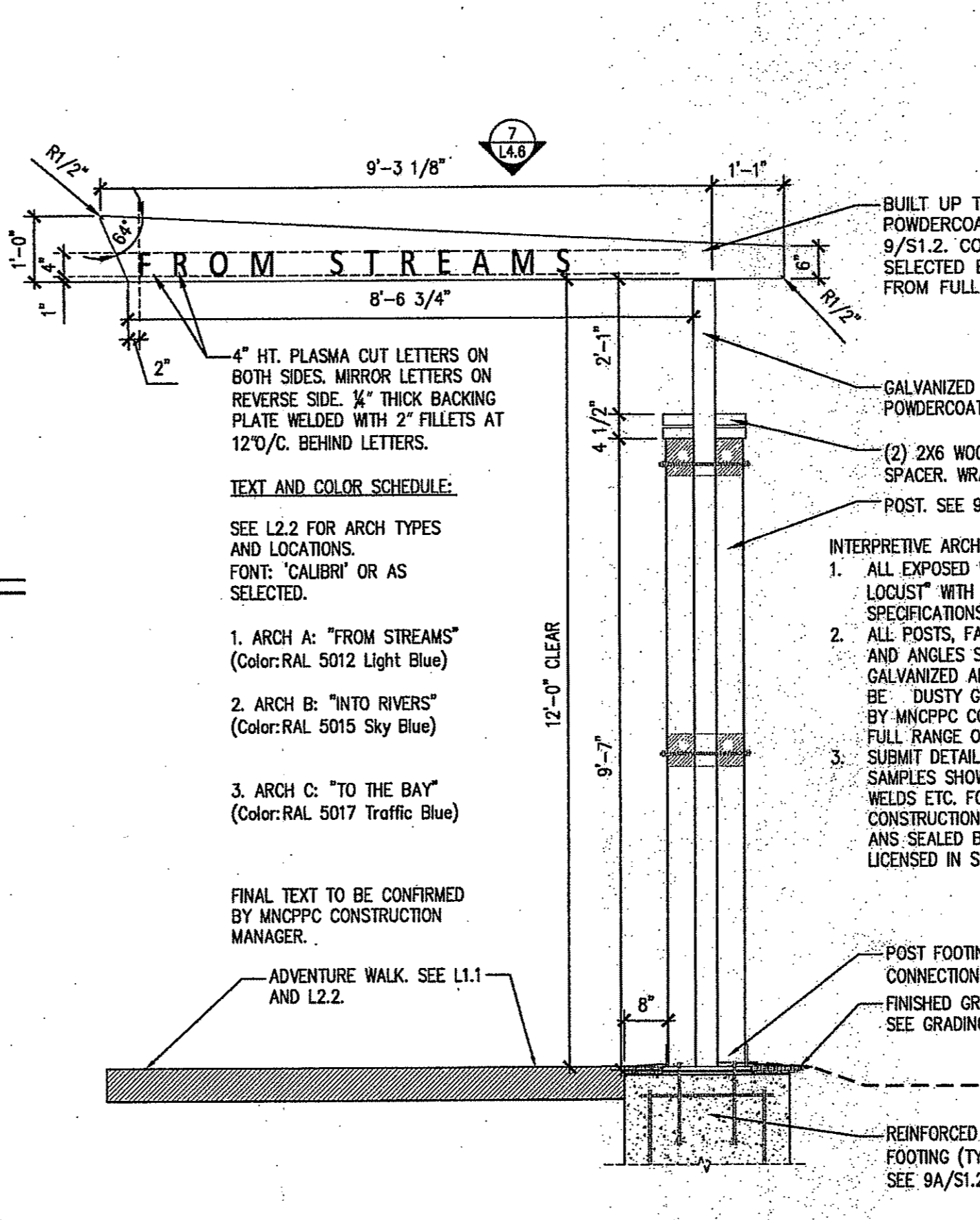
OR AS SELECTED BY MNCPPC CONSTRUCTION MANAGER FROM FULL RANGE OF RAL COLORS.



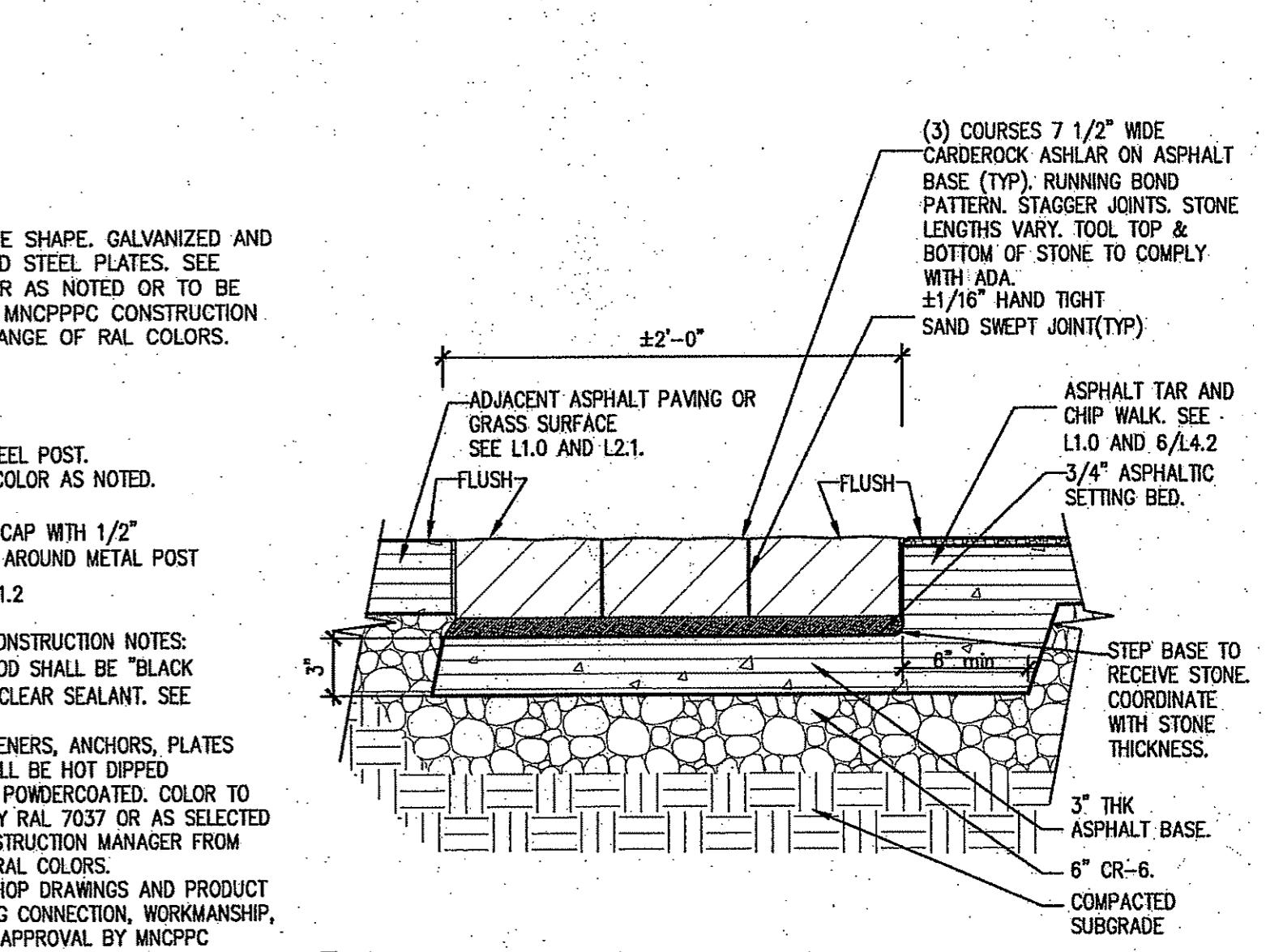
5 **SAFETY RAIL PANEL "A": ELEVATION (TYP)**
L4.6 1\"/>



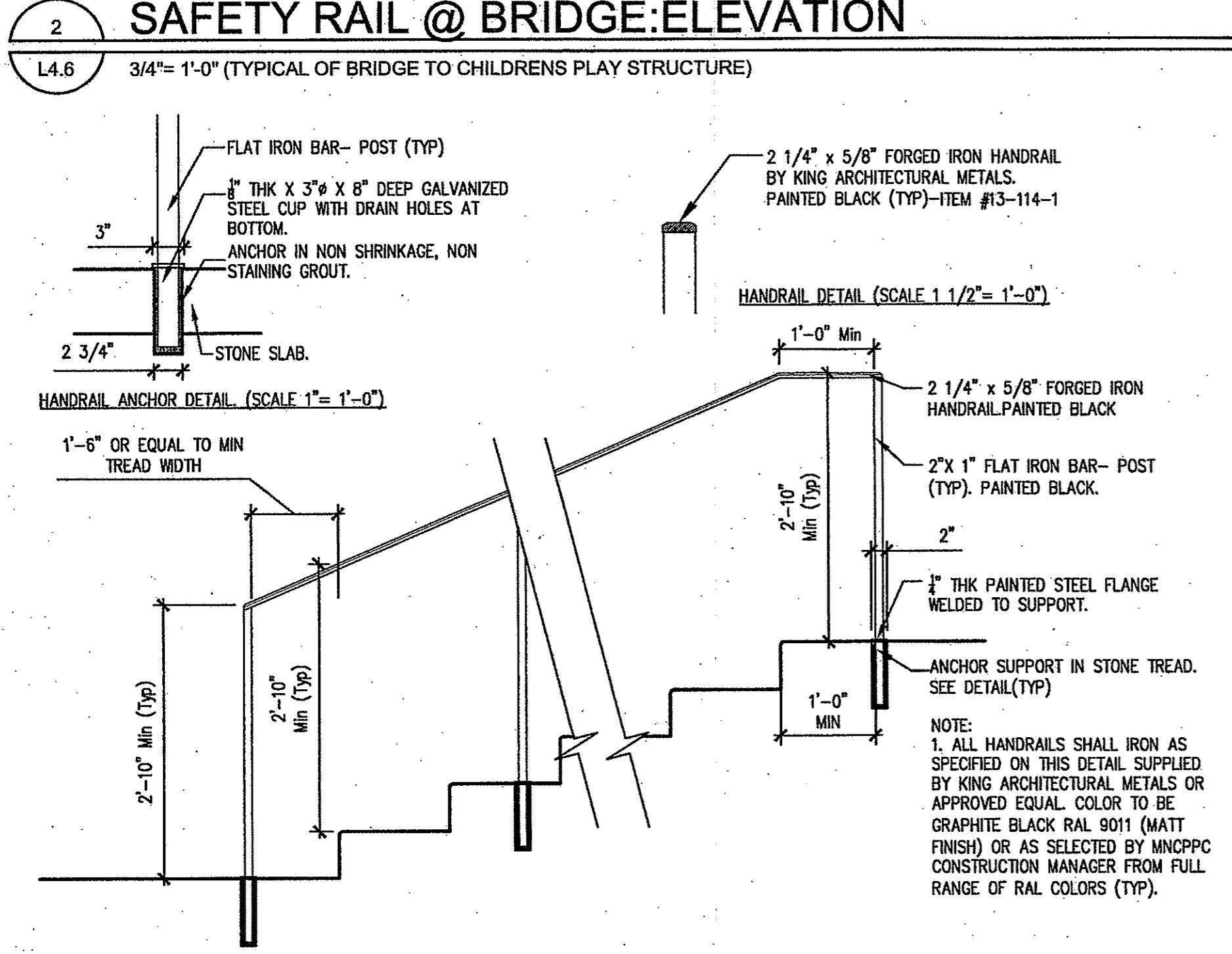
6 **SAFETY RAIL PANEL "B": ELEVATION (TYP)**
L4.6 1\"/>



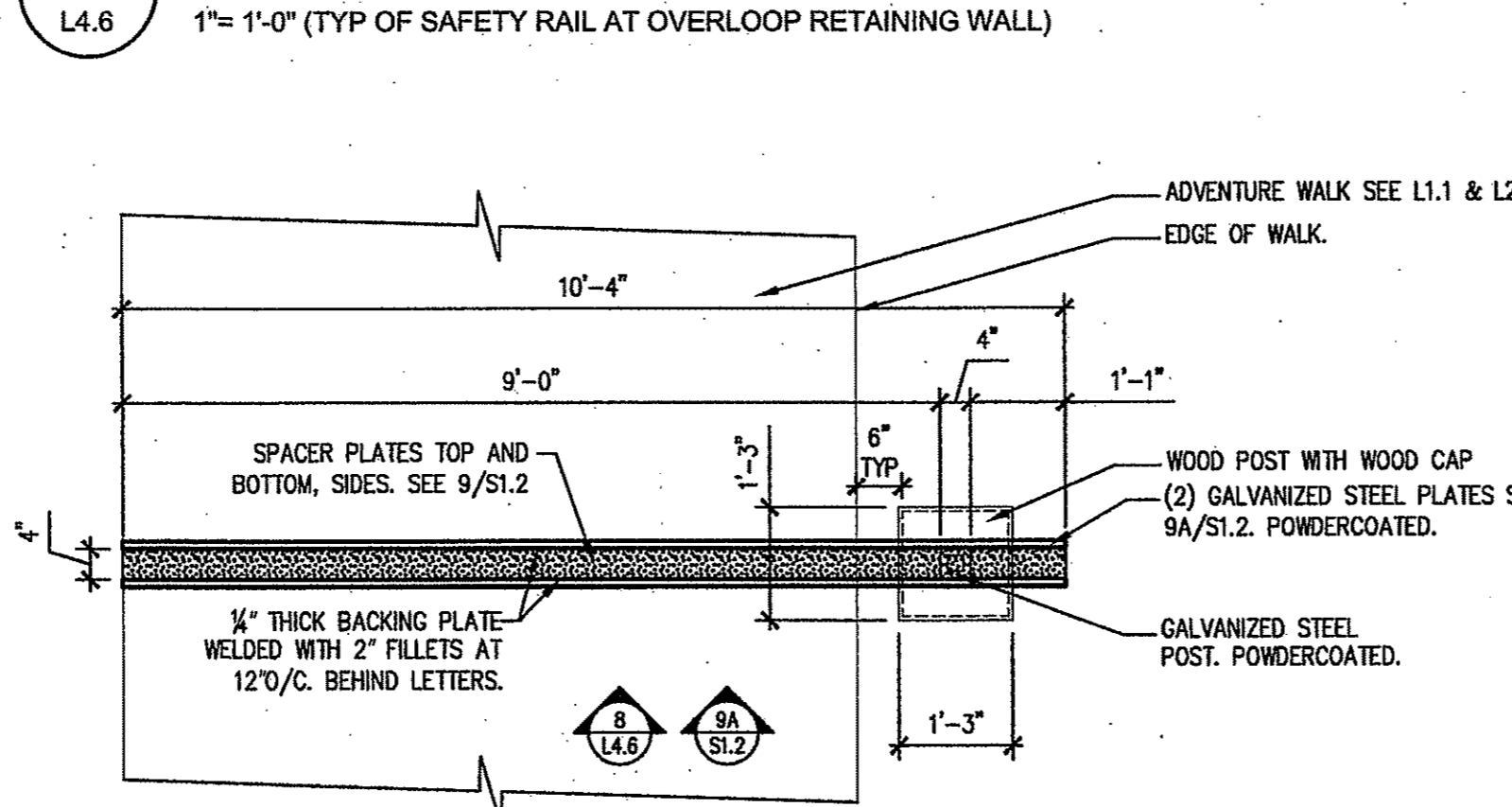
8 **INTERPRETIVE ARCH: ELEVATION (TYP)**
L4.6 1/2\"/>



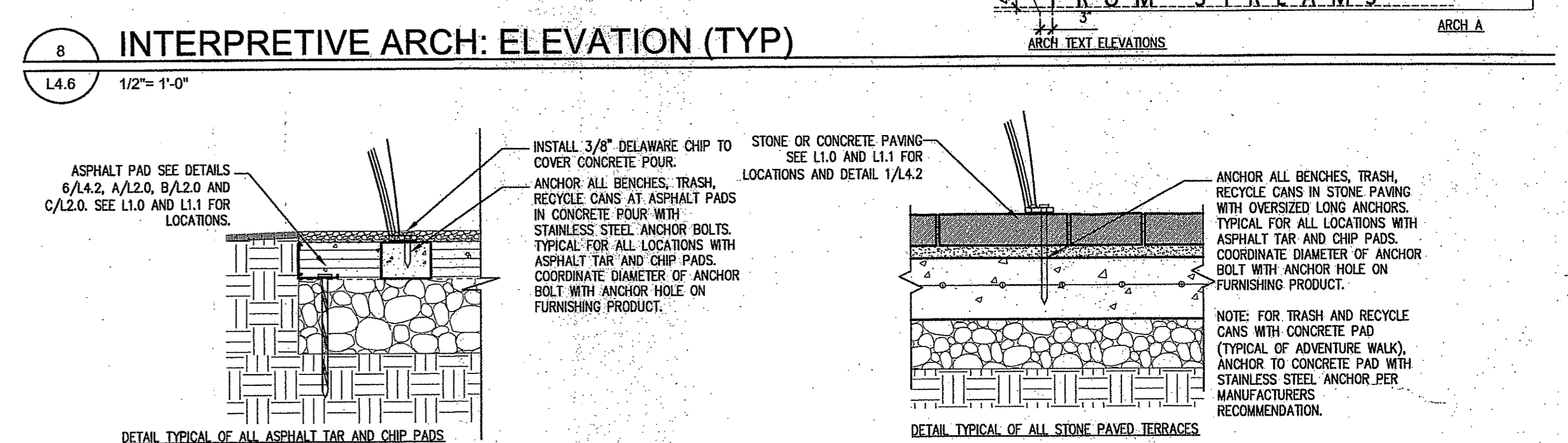
11 **STONE TRANSITION BAND (TYP)**
L4.6 1 1/2\"/>



3 **STEEL HANDRAIL DETAIL @ STAIRS (TYP)**
L4.6 3/4\"/>

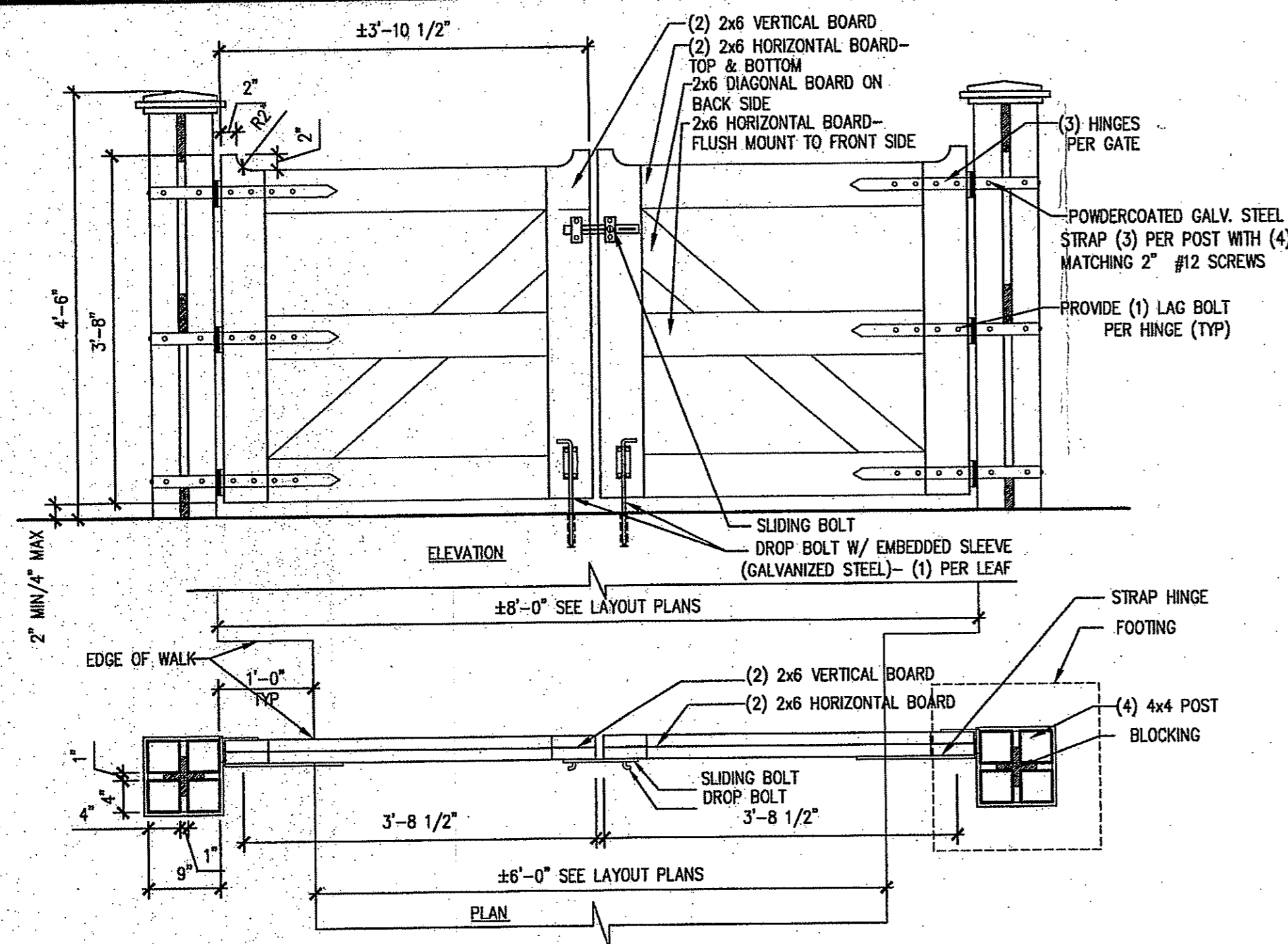


7 **INTERPRETIVE ARCH: PLAN (TYP)**
L4.6 3\"/>



9 **SITE FURNISHINGS ANCHORING DETAILS (TYP)**
L4.6 1 1/2\"/>

<p>hord coplan macht</p> <p>HORD COPLAN MACHT, INC. ARCHITECTURE LANDSCAPE ARCHITECTURE PLANNING INTERIOR DESIGN</p> <p>750 E. Pratt Street Suite 1100 Baltimore MD 21202 410 837 7311 410 837 6530 fax www.hcm2.com</p>	<p>Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed Landscape Architect under the laws of the State of Maryland.</p> <p>License No. #526</p> <p>Expiration Date 07-15-13</p>	<p>LANDSCAPE ARCHITECT License #526</p> <p>Julie Barrett Higgins STATE OF MARYLAND</p>	<p>The Maryland-National Capital Park and Planning Commission</p> <p>Montgomery County Department of Parks 9500 Brunnet Avenue Silver Spring, Maryland 20901 (301) 495-2535</p>	<p>REVIEW AND APPROVAL</p> <p>Project Manager Date 8/1/13 <i>Urda Komer</i></p> <p>Project Engineer Date 8/13/13 <i>BZ</i></p> <p>Construction Manager Date</p> <p>Park Manager Date</p>	<p>ISSUED FOR PROCUREMENT ON</p> <table border="1"> <thead> <tr> <th>REVISONS</th> <th>REVISIONS</th> </tr> <tr> <th>Rev. No.</th> <th>Date</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	REVISONS	REVISIONS	Rev. No.	Date	Description				<p>GREENBRIAR LOCAL PARK</p> <p>LANDSCAPE CONSTRUCTION</p> <p>DETAILS: MISCELLANEOUS</p> <p>Liber 10551 Folio 180 Liber 10551 Folio 183 Liber 10565 Folio 312</p> <p>SCALE: AS SHOWN</p>	<p>DWG. # ___ of ___</p> <p>L4.6</p> <p>SHT. # 34 of 79</p>
				REVISONS	REVISIONS										
Rev. No.	Date	Description													
<p>DATE: 08/01/13 11:30 AM</p>	<p>SCALE: AS SHOWN</p>														



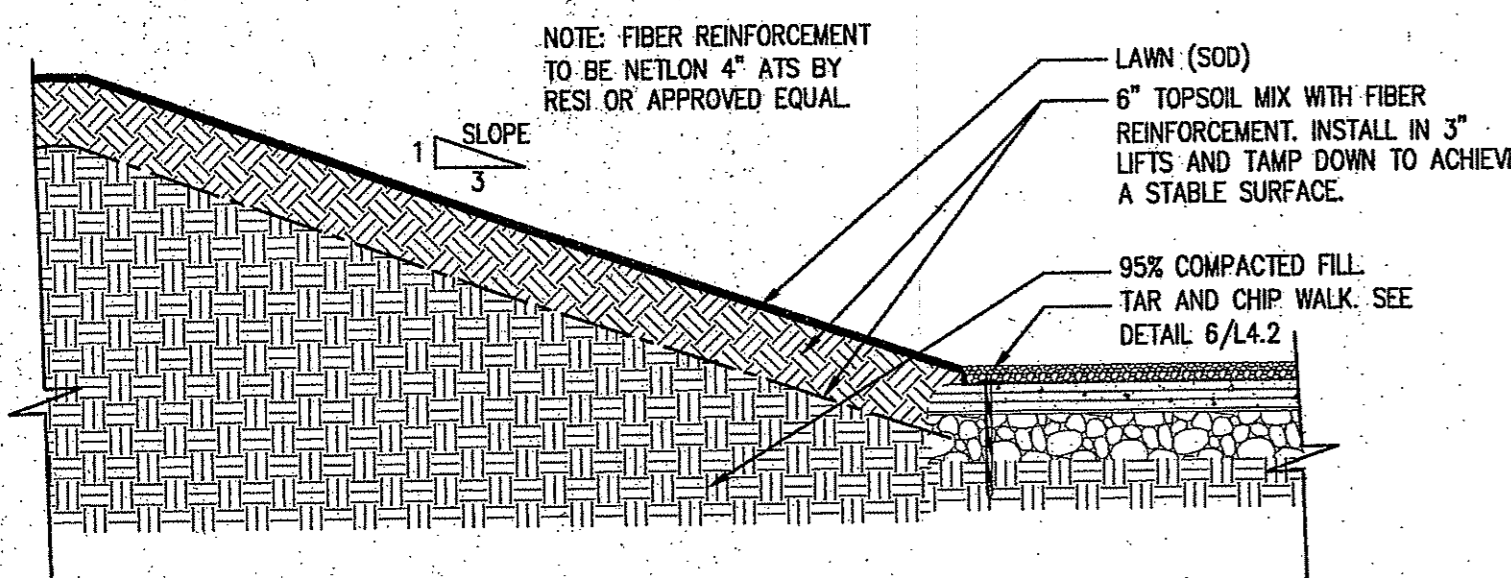
WOOD GATE AT TRAIL ENTRANCE: DETAILS (TYP)

3/4"=1'-0" (TRAIL ENTRANCE AT GLEN ROAD)



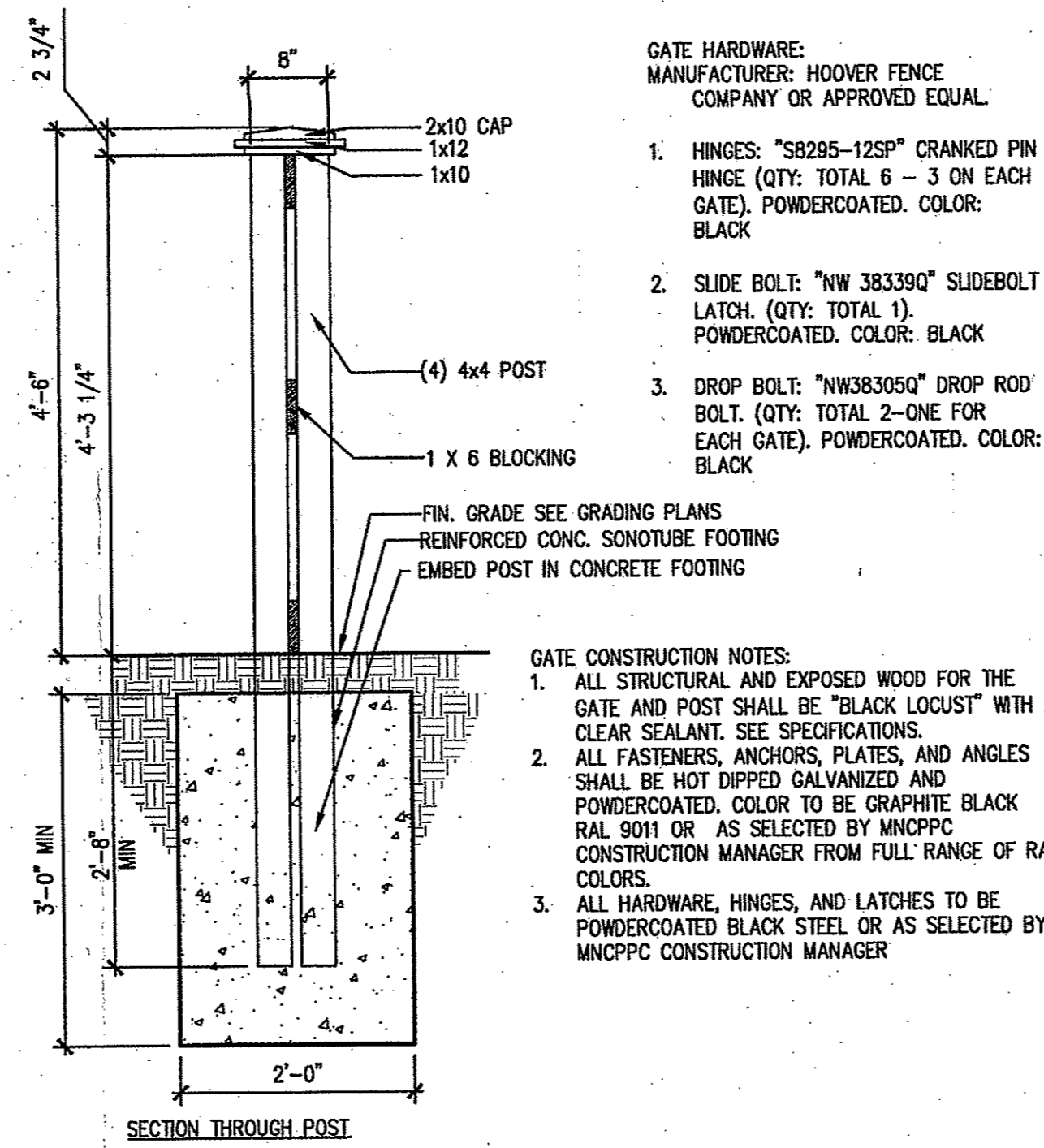
WOOD GATE AT TRAIL ENTRANCE (TYP)

3/4"=1'-0" (DESIGN INTENT PHOTO)

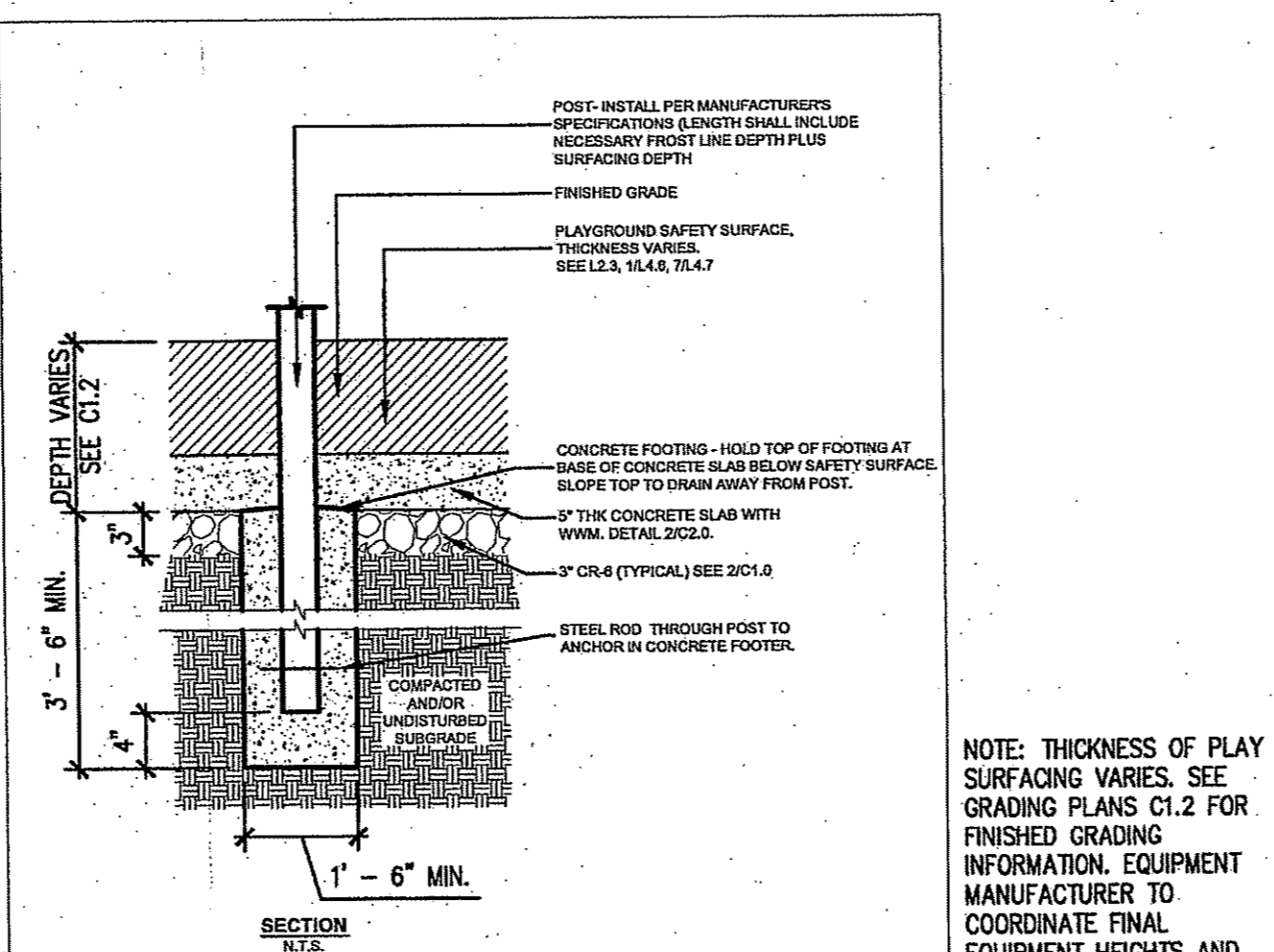
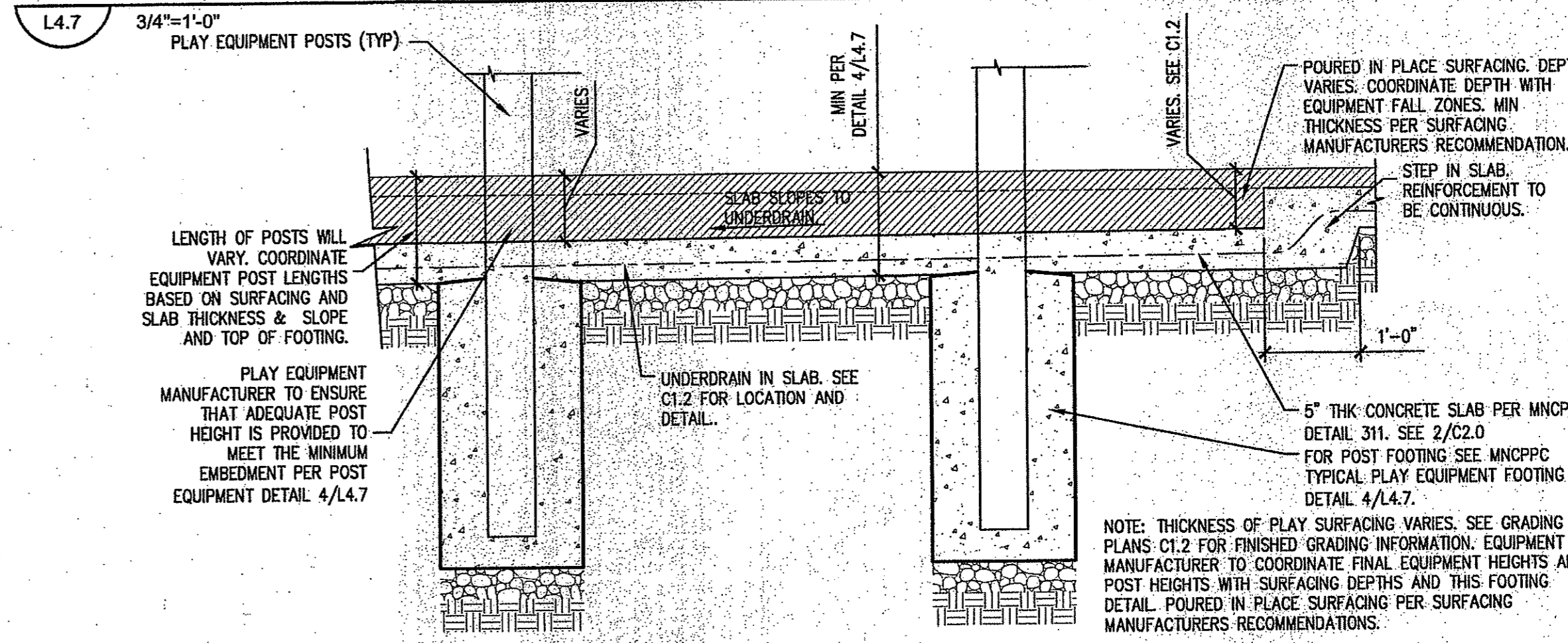


GRASS MOUND AT ADVENTURE WALK: SECTION (TYP)

3/4"=1'-0"

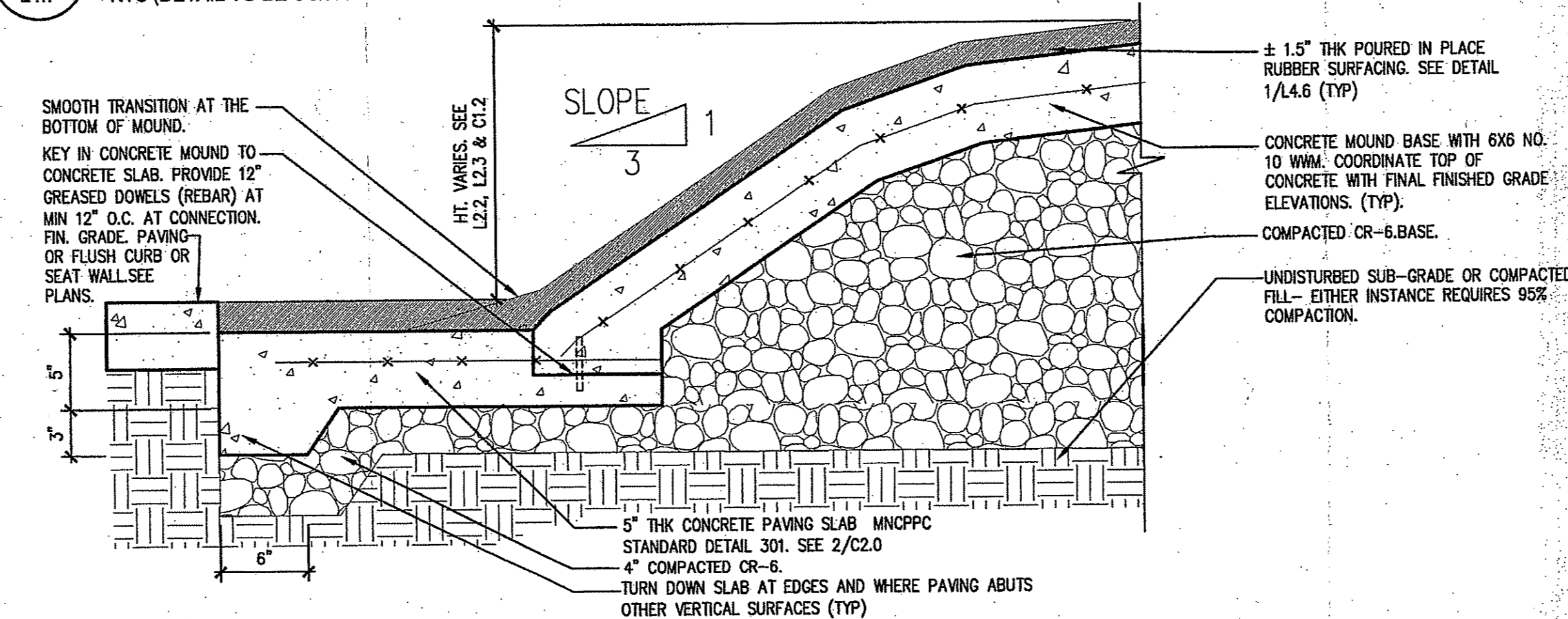


3 BOARD WOOD FENCE: DETAIL (TYP)



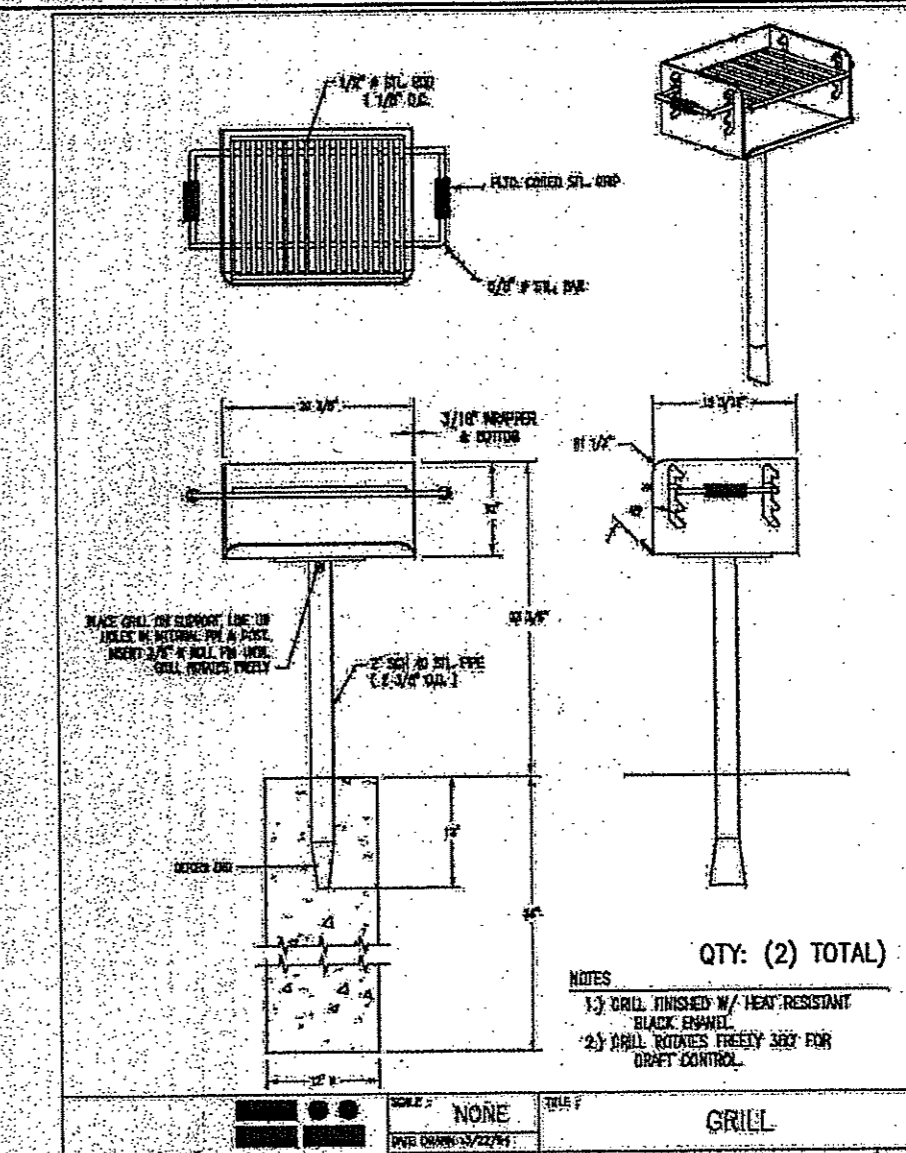
PLAY EQUIPMENT FOOTING: DETAIL (TYP)

NTS (DETAIL TO BE COORDINATED WITH PLAY EQUIPMENT POSTS AND HEIGHTS)



MOUND AT PLAY AREA: DETAIL (TYP)

1 1/2"=1'-0" (TYPICAL OF ALL MOUNDS IN PLAY SURFACING)



GRILL DETAIL (TYP)

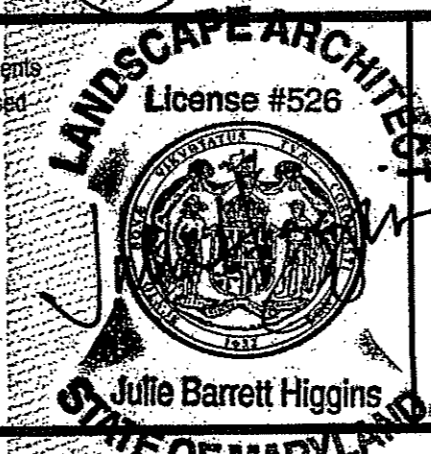
NTS (BY DUMOR INC. OR APPROVED EQUAL)

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 Expiration Date **07.15.13**



The Maryland-National Capital Park and Planning Commission

Montgomery County Department of Parks
 9500 Brunnet Avenue
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 (301) 495-2535

REVIEW AND APPROVAL

Project Manager Date 8/1/13 <i>Uzde Komar</i>
Project Engineer Date 8/3/13 <i>B. Jones</i>
Construction Manager Date
Park Manager Date

ISSUED FOR PROCUREMENT ON

REVISIONS		
Rev. No.	Date	Description

GREENBRIAR LOCAL PARK
 HARDSCAPE CONSTRUCTION
 DETAILS-WOOD RAILS-MOUNDS

ETC.
 SCALE: AS SHOWN
 Liber 10551 Folio 180
 Liber 10551 Folio 183
 Liber 10565 Folio 312

DWG. # of
L4.7
 SHT. # 35 of 79

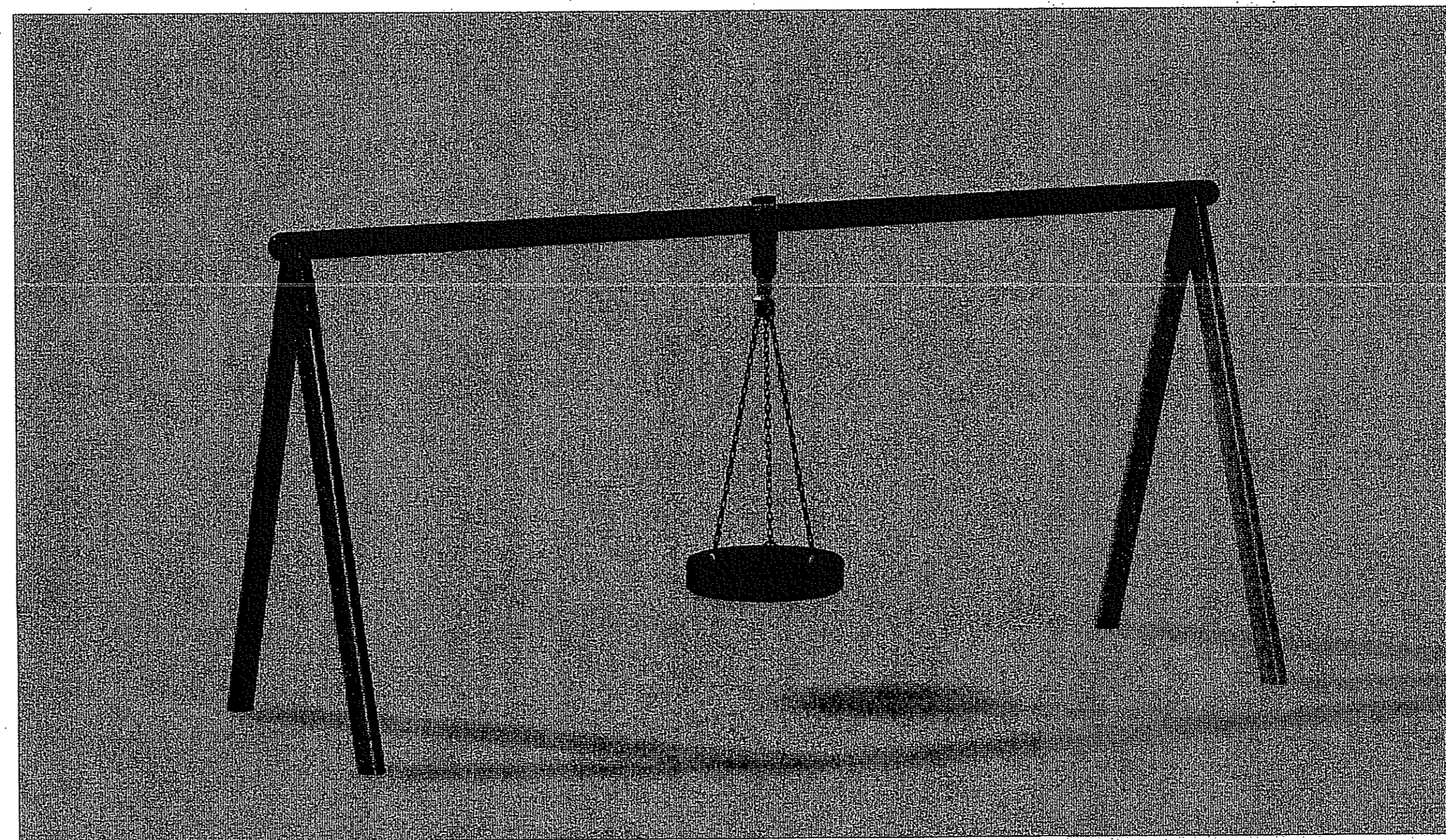


1 PLAY STRUCTURE "A1" : VIEW 1
L4.8 NTS (ALL PLAY STRUCTURES BY LSI OR APPROVED EQUAL)

3 PLAY STRUCTURE "A1" : VIEW 3
L4.8 NTS (ALL PLAY STRUCTURES BY LSI OR APPROVED EQUAL)



2 PLAY STRUCTURE "A1" : VIEW 2
L4.8 NTS (ALL PLAY STRUCTURES BY LSI OR APPROVED EQUAL)



4 PLAY STRUCTURE "A2" : 'A' FRAME TIRE SWING: VIEW
L4.8 NTS (ALL PLAY STRUCTURES BY LSI OR APPROVED EQUAL)

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Montgomery County Department of Parks
9500 Brunnet Avenue
Silver Spring, Maryland 20901
(301) 495-2535

REVIEW AND APPROVAL	
Project Manager	Date 8/1/13 <i>Wanda Komes</i>
Project Engineer	Date 7/31/13 <i>B888</i>
Construction Manager	Date
Park Manager	Date

ISSUED FOR PROCUREMENT ON		
REVISIONS		
Rev. No.	Date	Description

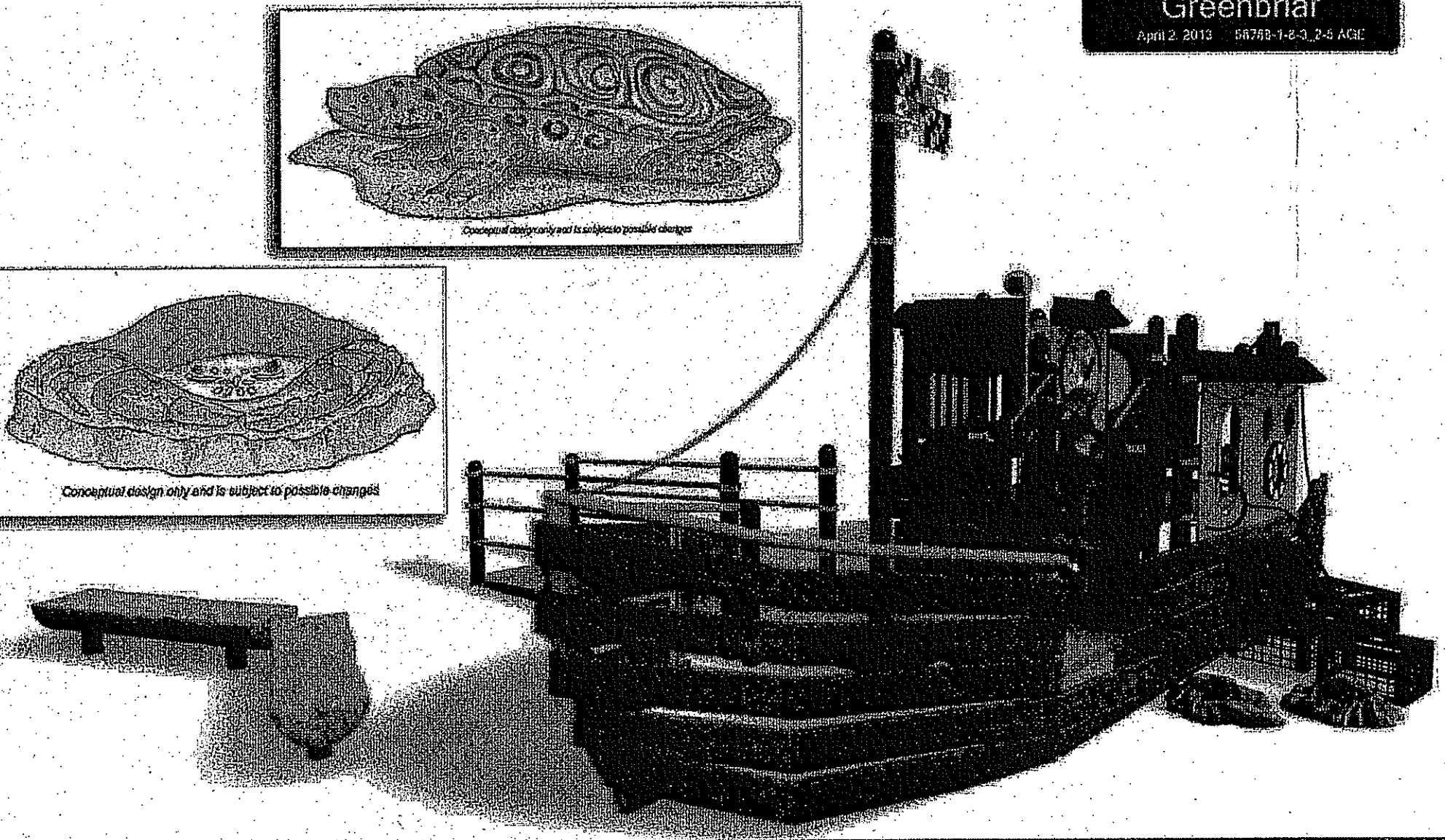
GREENBRIAR LOCAL PARK
PLAY EQUIPMENT
ELEVATIONS I
Liber 10551 Folio 180
Liber 10551 Folio 183
Liber 10565 Folio 312

DWG. # ___ of ___
L4.8
SHT. # **36** of **79**

SCALE: AS SHOWN

FINAL SCANNED: PLAN SCANNED: C10 PARK CODE: C10 PLOTTED BY: C:\Khourfar\9/29/2013 1:31 PM ARCH CAD-BIM Drawings\A97 Drawings\01 ARCH CAD-BIM Drawings\A97 Play Equipment Elevations II.dwg Layout1

Greenbriar
April 2, 2013 54783-1-R-2, 2-5 AGE

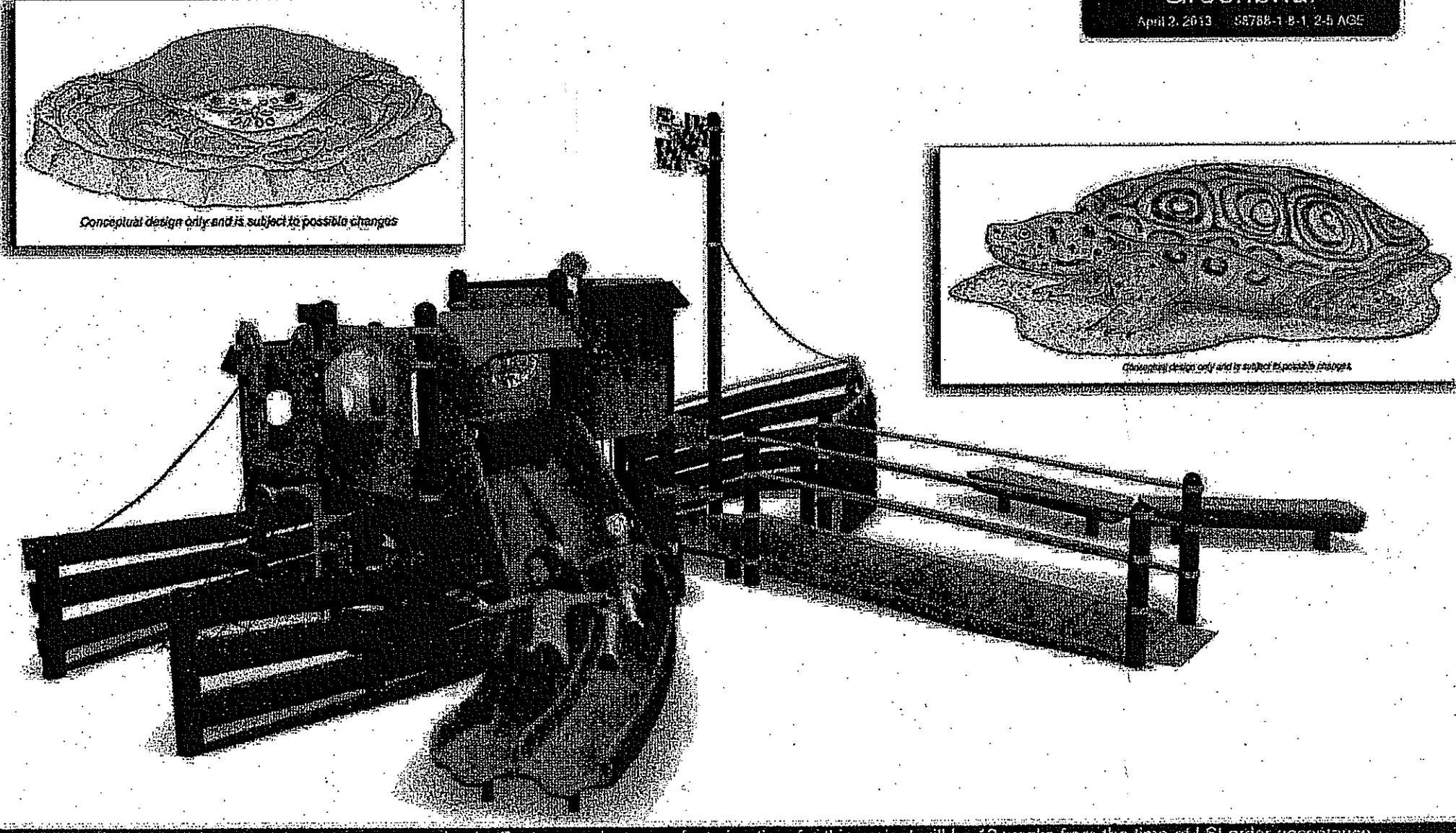


Conceptual design only and is subject to possible changes

Custom products are shown as conceptual only. Custom product manufacturing time for this project will be 12 weeks from the time of LSI order acceptance.

Presented by: **SPARKS@play**
Presented by: **SPARKS@play**

Greenbriar
April 2, 2013 54783-1-R-1, 2-5 AGE

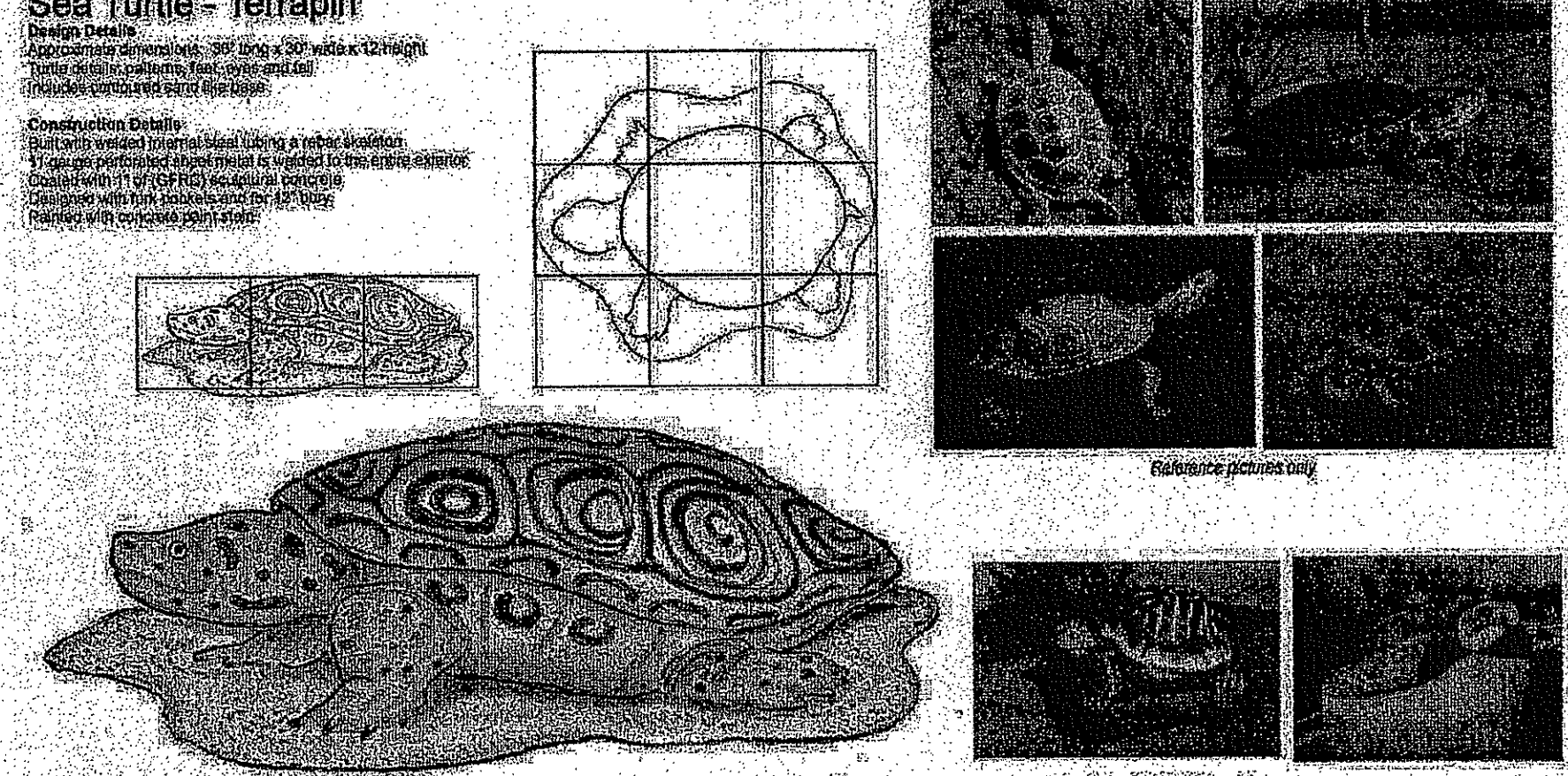


Conceptual design only and is subject to possible changes

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Presented by: **SPARKS@play**

Sea Turtle - Terrapin
Design Details:
Approximate dimensions: 30' long x 10' wide x 12' height
Turtle shell features flat, curved and all
textures to create a realistic look.
Construction Details:
Built with welded structural steel tubing a roller skeleton
1" galvanized structural steel mesh is welded to the roller skeleton
Coated with 1" of GFRP (glass fiber reinforced plastic)
Designed with fork pockets and for 12" bag
Finished with concrete paint effect



Conceptual design only and is subject to possible changes

Custom GFRC lead times can be 12-15 weeks

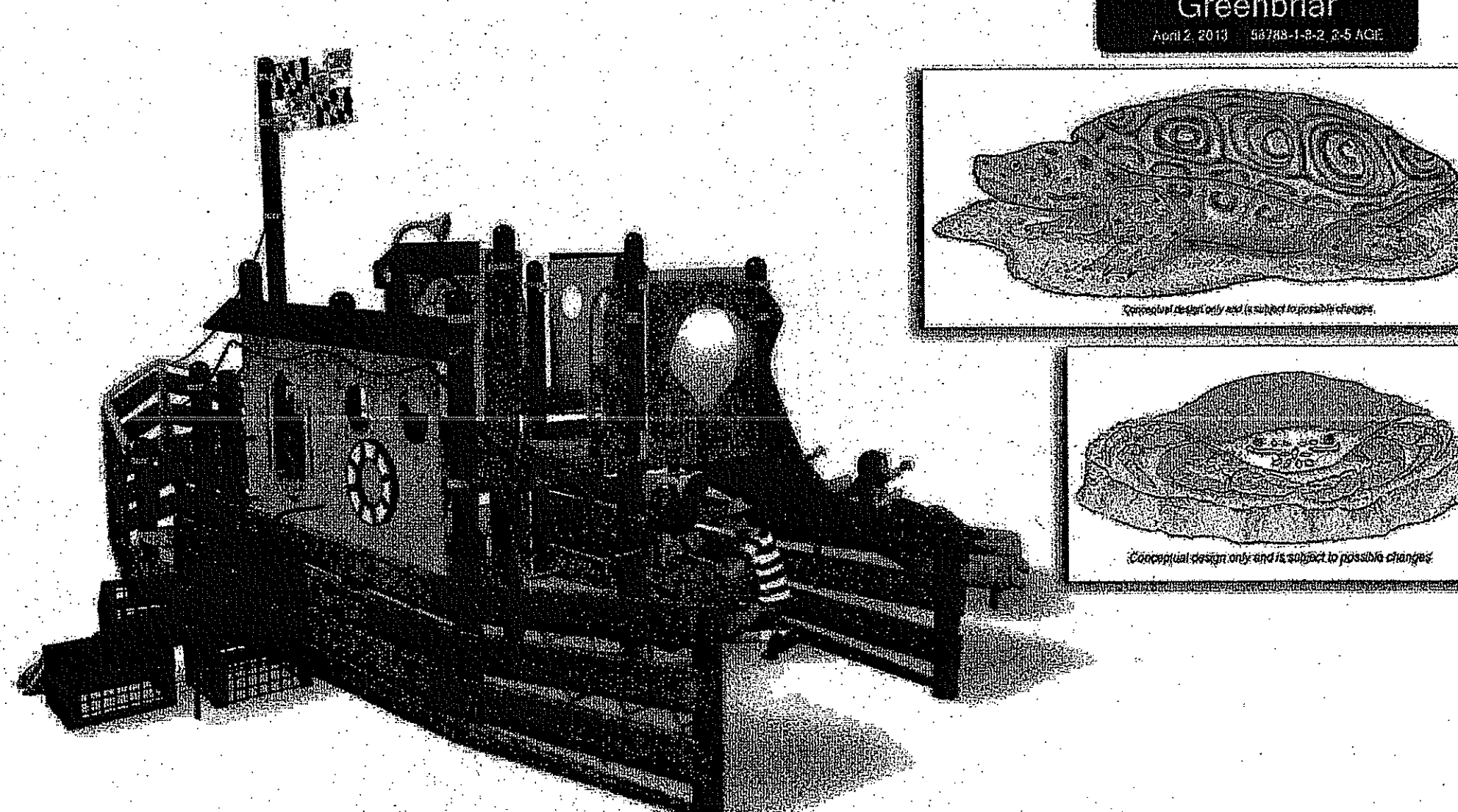
Presented by: **SPARKS@play**
Presented by: **SPARKS@play**

1 **PLAY STRUCTURE "B4" : VIEW 1**
L4.9 NTS (ALL PLAY STRUCTURES BY LSI OR APPROVED EQUAL) (ALSO SHOWN ARE "B1", "B5" & "B3")

3 **PLAY STRUCTURE "B4" VIEW 3**
L4.9 NTS (ALL PLAY STRUCTURES BY LSI OR APPROVED EQUAL) (ALSO SHOWN ARE "B1", "B5" & "B3")

5 **PLAY STRUCTURE "B3"- TERRAPIN: DETAIL (TYP)**
L4.9 NTS (ALL PLAY STRUCTURES BY LSI OR APPROVED EQUAL)

Greenbriar
April 2, 2013 54783-1-R-2, 2-5 AGE

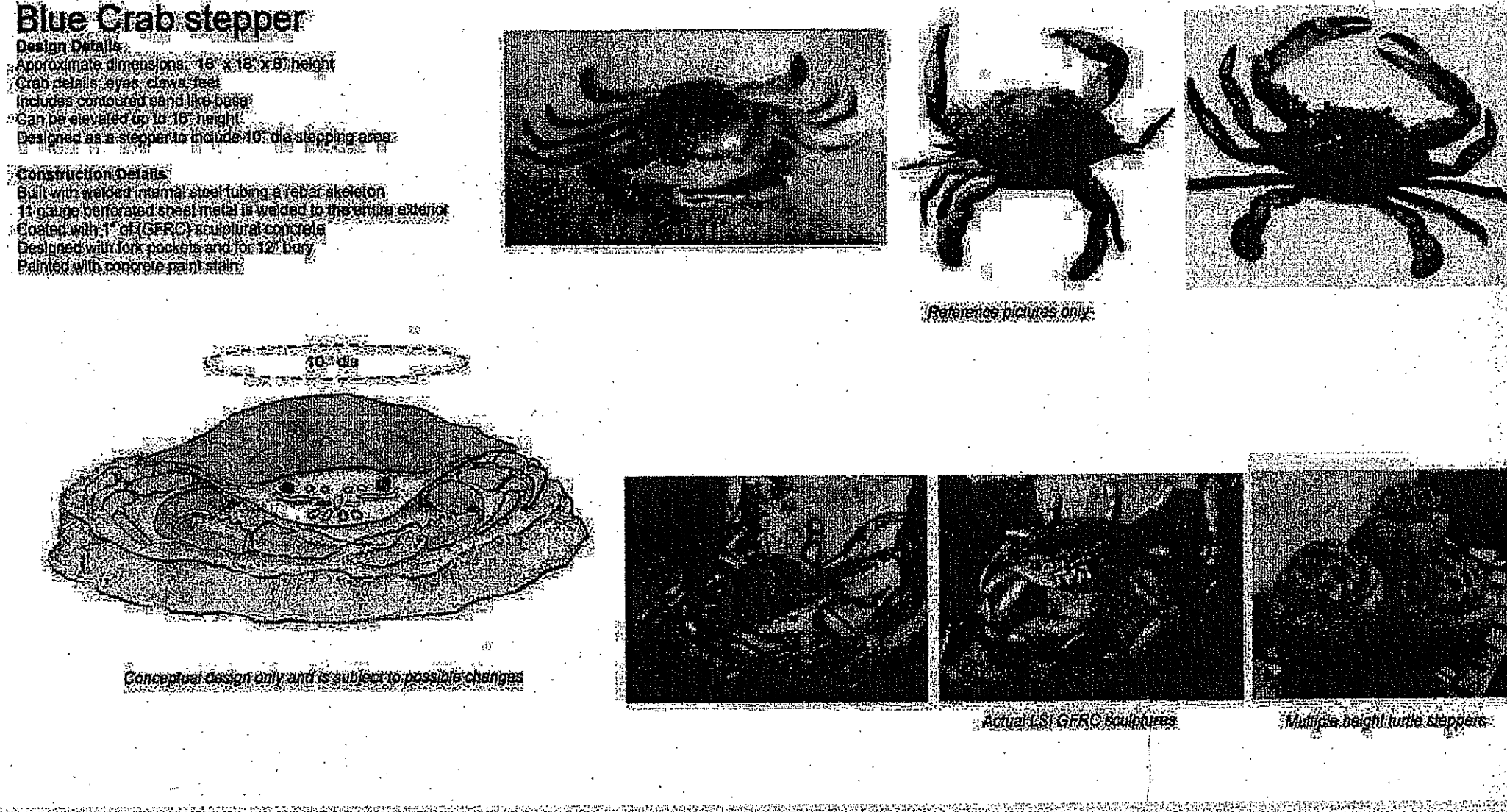


Conceptual design only and is subject to possible changes

Custom products are shown as conceptual only. Custom product manufacturing time for this project will be 12 weeks from the time of LSI order acceptance.

Presented by: **SPARKS@play**
Presented by: **SPARKS@play**

Blue Crab-stepper
Design Details:
Approximate dimensions: 16' x 16' x 8' height
Crab detail is eyes, claws, legs
Includes conceptual and play ways
Can be evaluated up to 15' height
Designed as a stepper to include 10" dia stepping area.
Construction Details:
Built with welded structural steel tubing a roller skeleton
1" galvanized structural steel mesh is welded to the roller skeleton
Coated with 1" of GFRP (glass fiber reinforced plastic)
Designed with fork pockets and for 12" bag
Finished with concrete paint effect



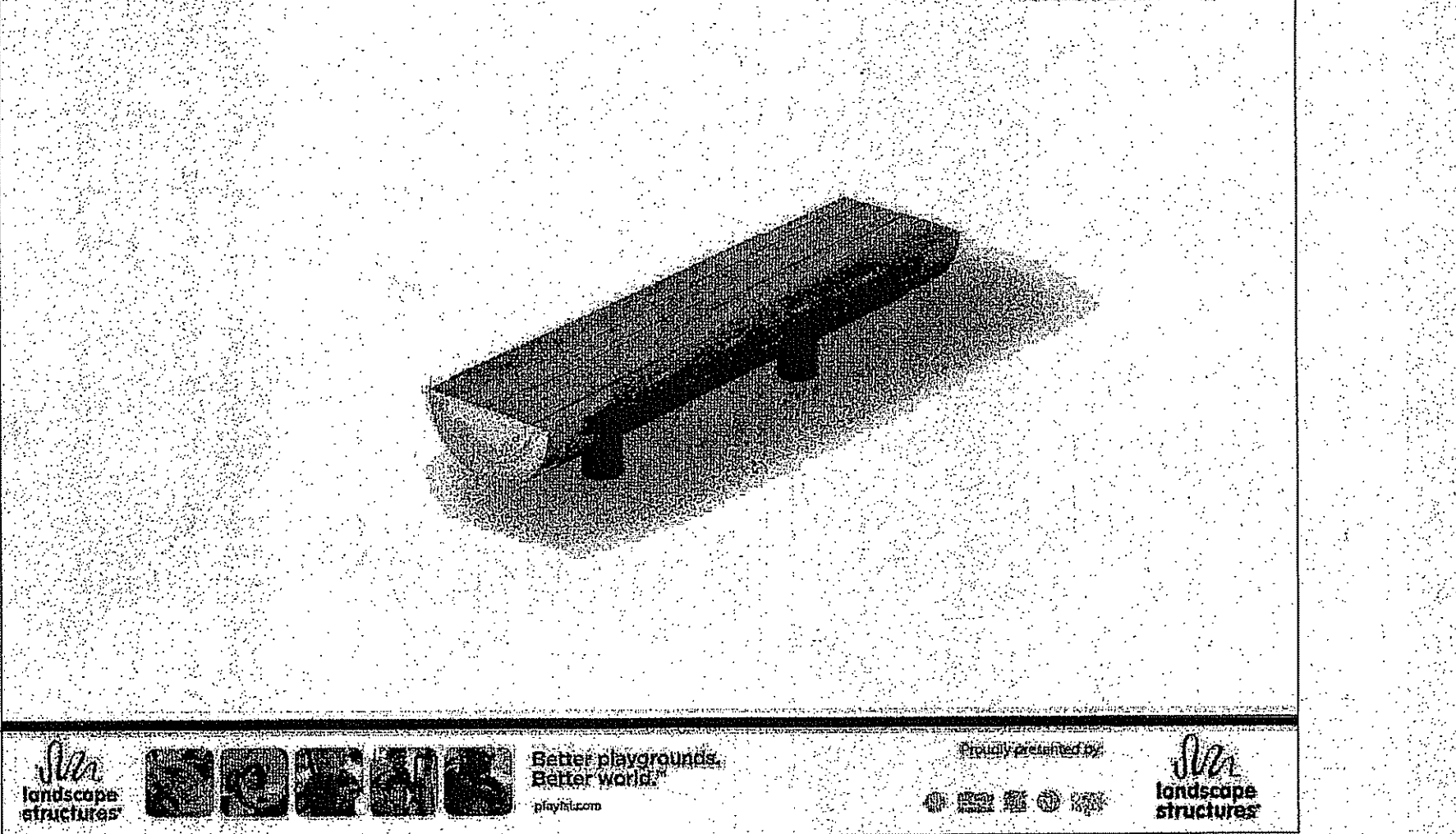
Conceptual design only and is subject to possible changes

Actual LSI GFRC structures

Multiple height turtle steppers

Custom GFRC lead times can be 12-15 weeks

Presented by: **SPARKS@play**
Presented by: **SPARKS@play**




Custom products are shown as conceptual only. Custom product manufacturing time for this project will be 12-15 weeks from the time of LSI order acceptance.

Presented by: **SPARKS@play**
Presented by: **SPARKS@play**

2 **PLAY STRUCTURE "B4" : VIEW 2**
L4.9 NTS (ALL PLAY STRUCTURES BY LSI OR APPROVED EQUAL) (ALSO SHOWN ARE "B5" & "B3")

4 **CRAB STEPPERS "B5": DETAIL (TYP)**
L4.9 NTS (ALL PLAY STRUCTURES BY LSI OR APPROVED EQUAL)

Greenbriar



NOTE: CUSTOM ROCKFISH SPRING RIDERS WITH HI DEFINITION DIGI (DIGITAL INFUSION IMAGERY) FISH GRAPHIC HI DEFINITION GRAPHIC IMAGES PROVIDED BY MNCOPC. SEE SPECIFICATIONS. THIS IMAGE IS A REPRESENTATION ONLY. FINAL DETAIL TO BE PROVIDED BY PLAY EQUIPMENT MANUFACTURER.

Custom products are shown as conceptual only. Custom product manufacturing time for this project will be 12-15 weeks from the time of LSI order acceptance.

Presented by: **SPARKS@play**
Presented by: **SPARKS@play**

7 **CUSTOM SPRING RIDERS "B2": DETAIL (TYP)**
L4.9 NTS (ALL PLAY STRUCTURES BY LSI OR APPROVED EQUAL)

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License No. **#526**
Expiration Date **07-15-13**

LANDSCAPE ARCHITECT
License #526
Julie Barrett Higgins
STATE OF MARYLAND

The Maryland-National Capital Park and Planning Commission
Montgomery County Department of Parks
9500 Brunett Avenue
Silver Spring, Maryland 20901
(301) 495-2535

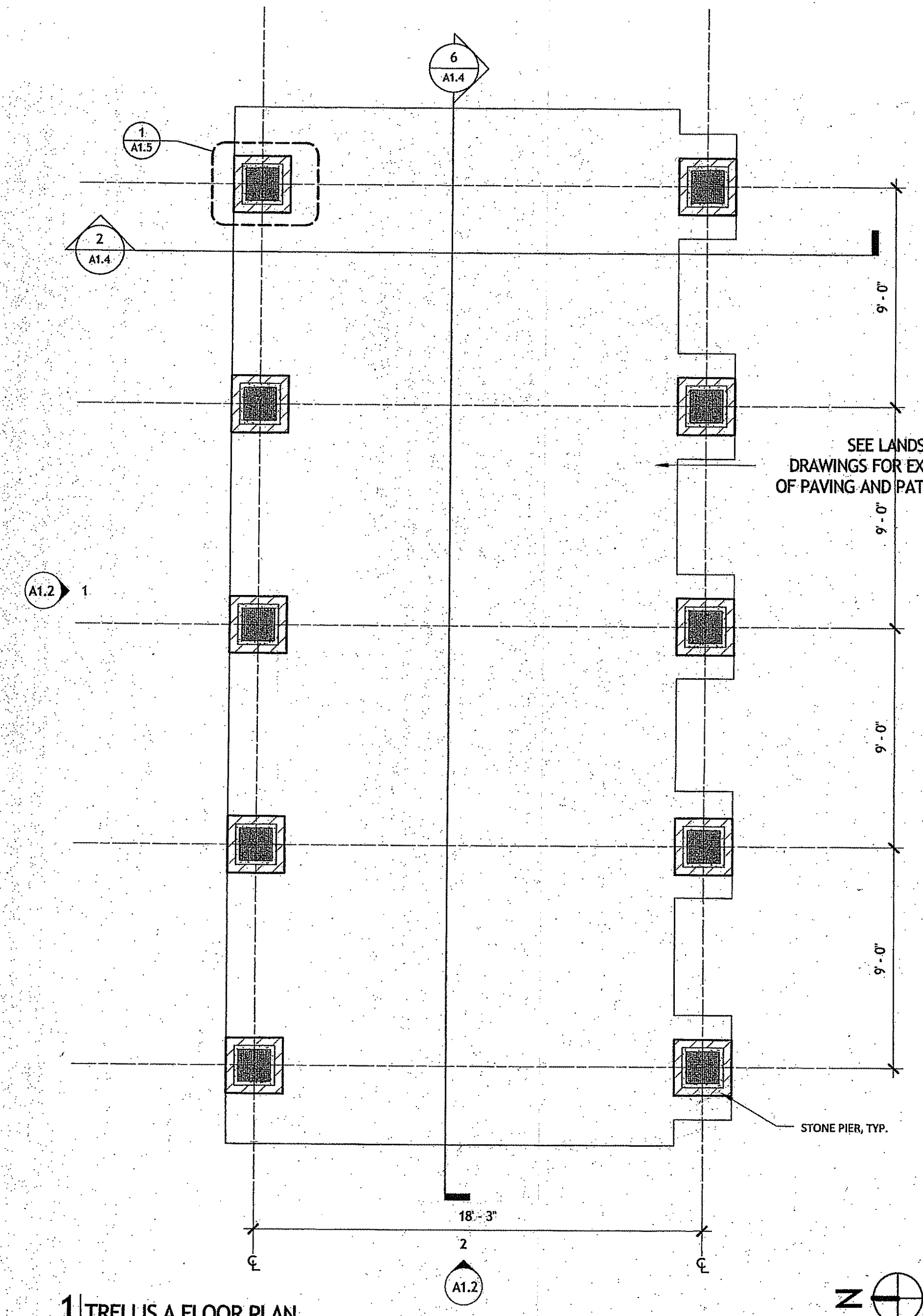
REVIEW AND APPROVAL		ISSUED FOR PROCUREMENT ON	
Project Manager Date 8/1/13 Wanda Kono	Rev. No.	Date	Description
Project Engineer Date 8/13/13 B. B. 2			
Construction Manager Date			
Park Manager Date			

GREENBRIAR LOCAL PARK
PLAY EQUIPMENT
ELEVATIONS II
Liber 10551 Folio 180
Liber 10551 Folio 183
Liber 10565 Folio 312

DWG. # of
L4.9
SHT. # 37 of 79

SCALE: AS SHOWN

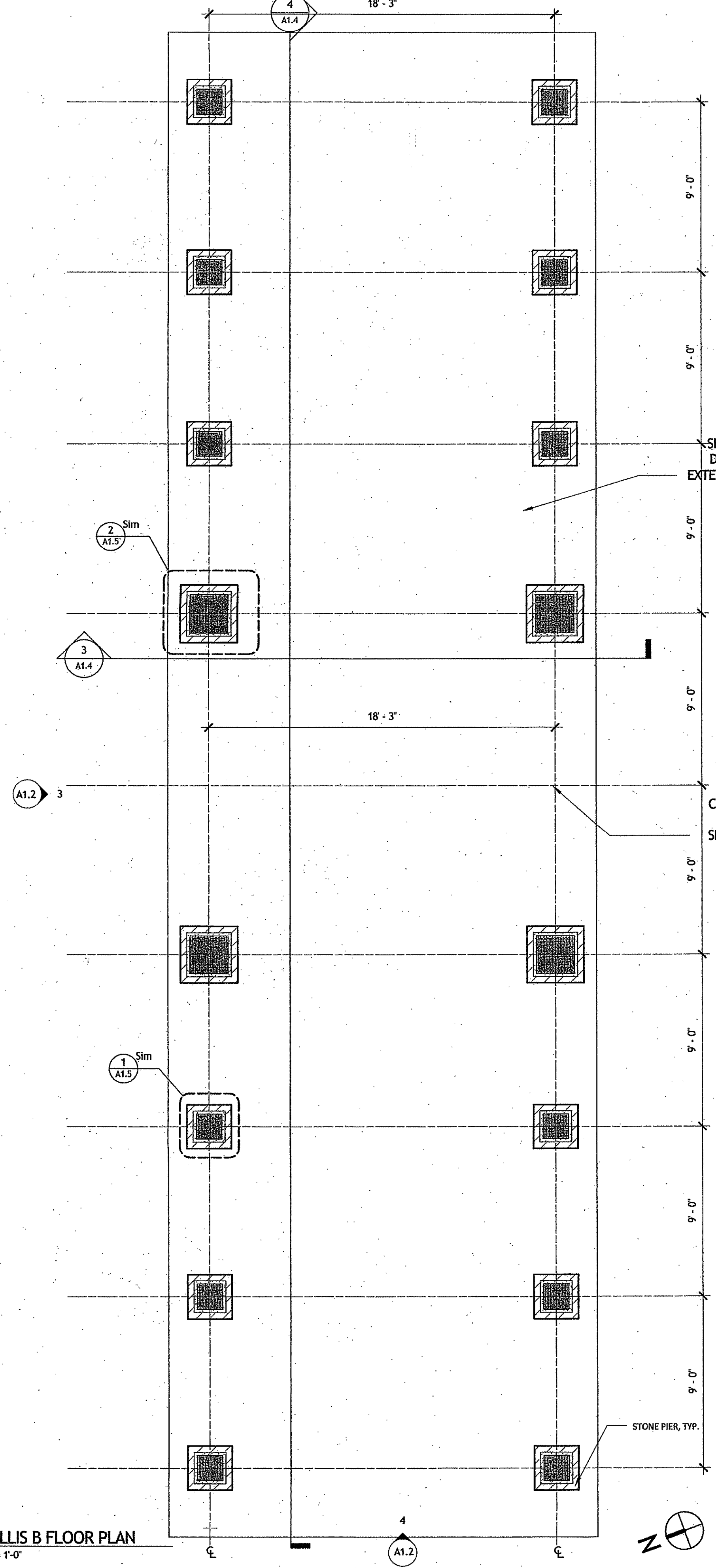
FINAL SCANNED: PARK CODE: C 10



1 TRELLIS A FLOOR PLAN
A1.2 | A1.0 | 1/4" = 1'-0"

SEE LANDSCAPE DRAWINGS FOR EXTENT OF PAVING AND PATTERN

STONE PIER, TYP.

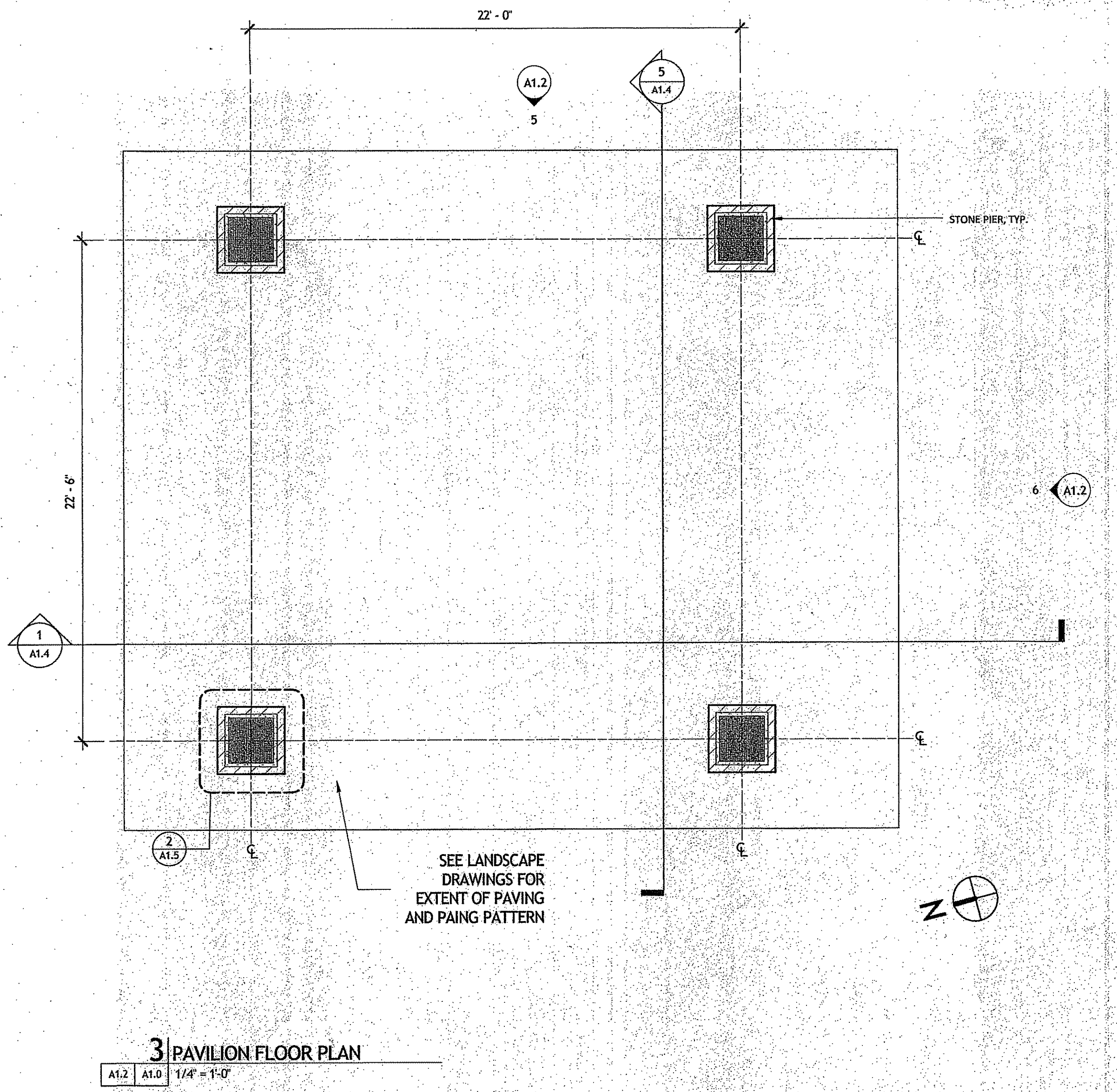


2 TRELLIS B FLOOR PLAN
A1.2 | A1.0 | 1/4" = 1'-0"

SEE LANDSCAPE DRAWINGS FOR EXTENT OF PAVING AND PAVING PATTERN

CENTERLINE OF PATHWAY, SEE LANDSCAPE DRAWINGS FOR DETAILS

STONE PIER, TYP.



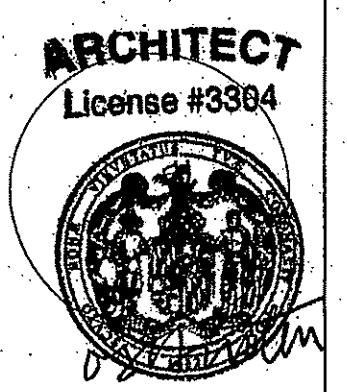
3 PAVILION FLOOR PLAN
A1.2 | A1.0 | 1/4" = 1'-0"

SEE LANDSCAPE DRAWINGS FOR EXTENT OF PAVING AND PAING PATTERN



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410.837.7311
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License No. #3304
Expiration Date 08.24.13



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Montgomery County Department of Parks
9500 Brunnet Avenue
Silver Spring, Maryland 20901
(301) 495-2535

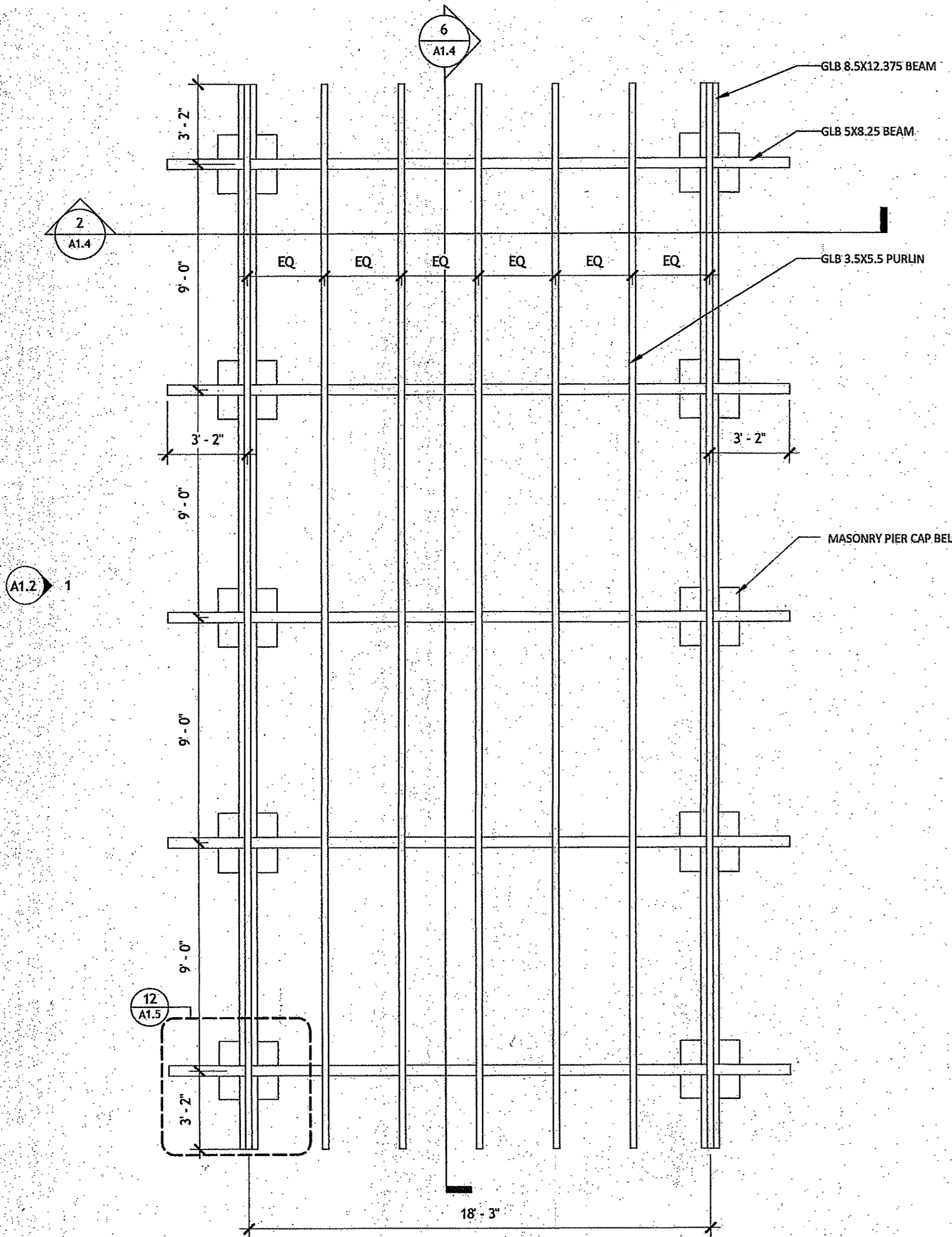
REVIEW AND APPROVAL	
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Construction Manager Date 8/1/13 Signature [Signature]	
Park Manager Date	

ISSUED FOR PROCUREMENT ON		
REVISIONS		
Rev. No.	Date	Description

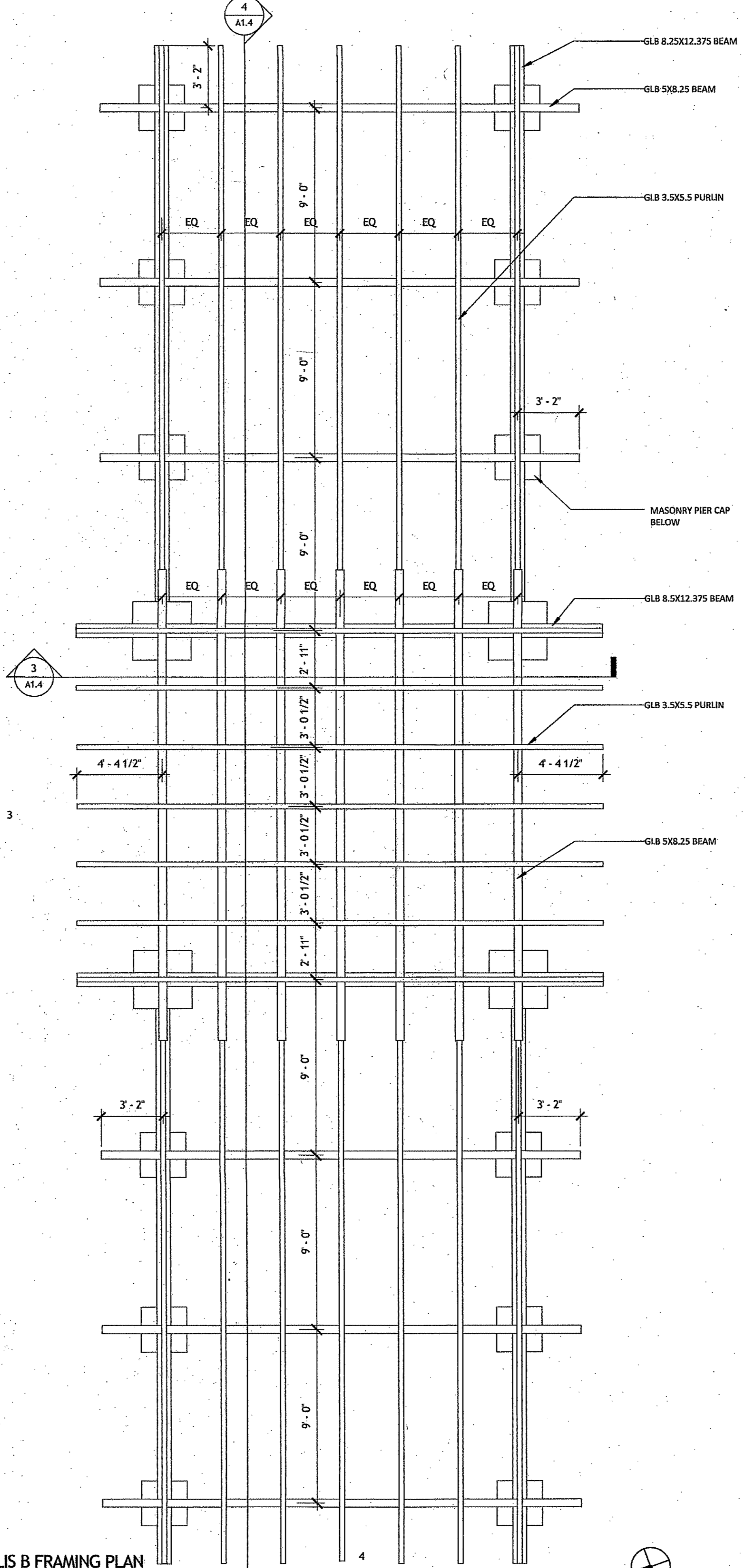
GREENBRIAR LOCAL PARK
PAVILION AND TRELLIS FLOOR PLANS
SCALE: AS SHOWN
Liber Folio

DWG. # of
A1.0
SHT. # 38 of 79

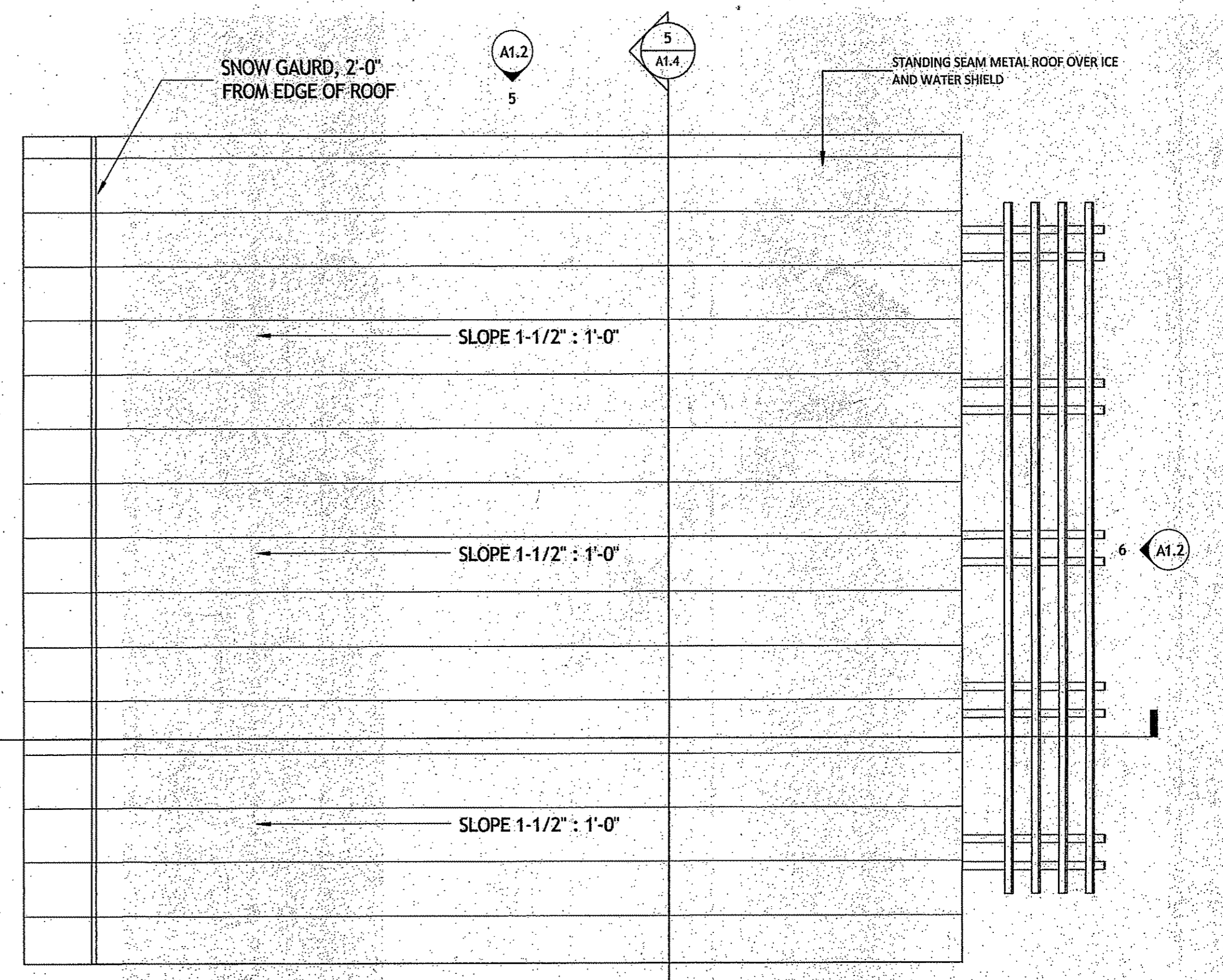
FINAL SCANNED: PLAN SCANNED: PARK CODE: C10



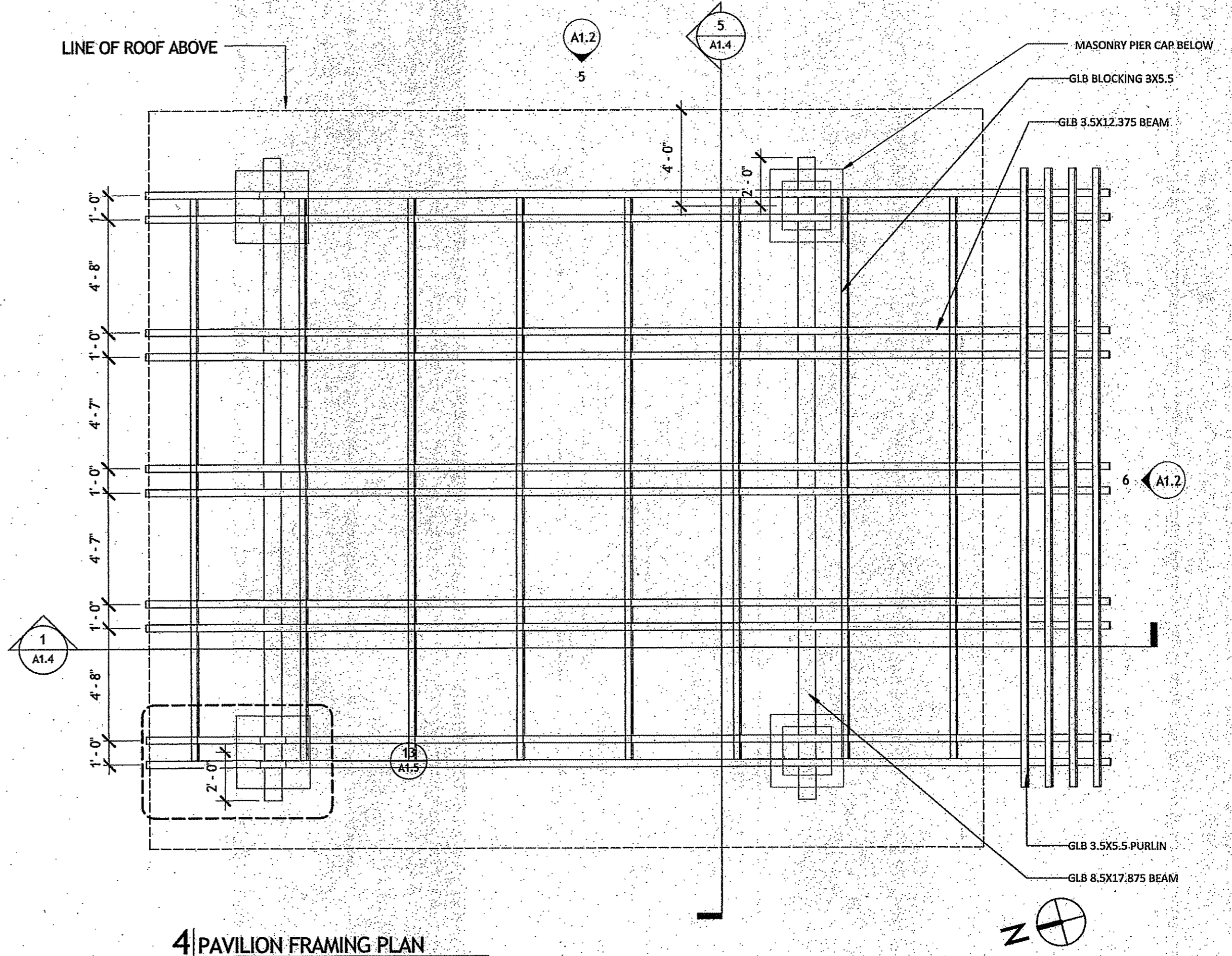
1 TRELLIS A FRAMING PLAN
A1.1 1/4" = 1'-0"



2 TRELLIS B FRAMING PLAN
A1.1 1/4" = 1'-0"



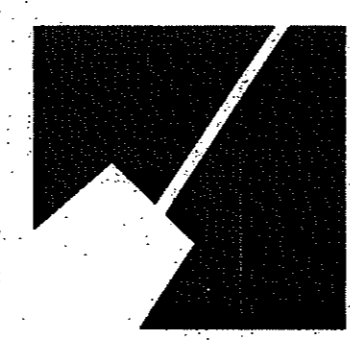
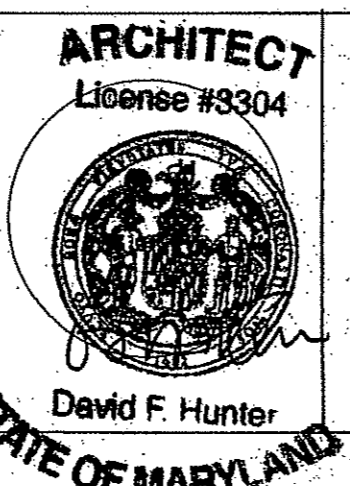
3 PAVILION ROOF PLAN
A1.1 1/4" = 1'-0"



4 PAVILION FRAMING PLAN
A1.2 A1.1 1/4" = 1'-0"

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HORD COPLAN MACHT, INC.
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Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional architect under the laws of the State of Maryland.
License No. #3304
Expiration Date 08.24.13



The Maryland-National Capital Park and Planning Commission
Montgomery County Department of Parks
9500 Brunnett Avenue
Silver Spring, Maryland 20901
(301) 495-2535

REVIEW AND APPROVAL

Project Manager	Date	Construction Manager	Date
<i>Wade Komer</i>	8/1/13	<i>Eric J. [Signature]</i>	8/13/13
Park Manager	Date		

ISSUED FOR PROCUREMENT ON

REVISIONS		
Rev. No.	Date	Description

GREENBRIAR LOCAL PARK
PAVILION AND TRELLIS ROOF PLAN
SCALE: AS SHOWN Liber Folio

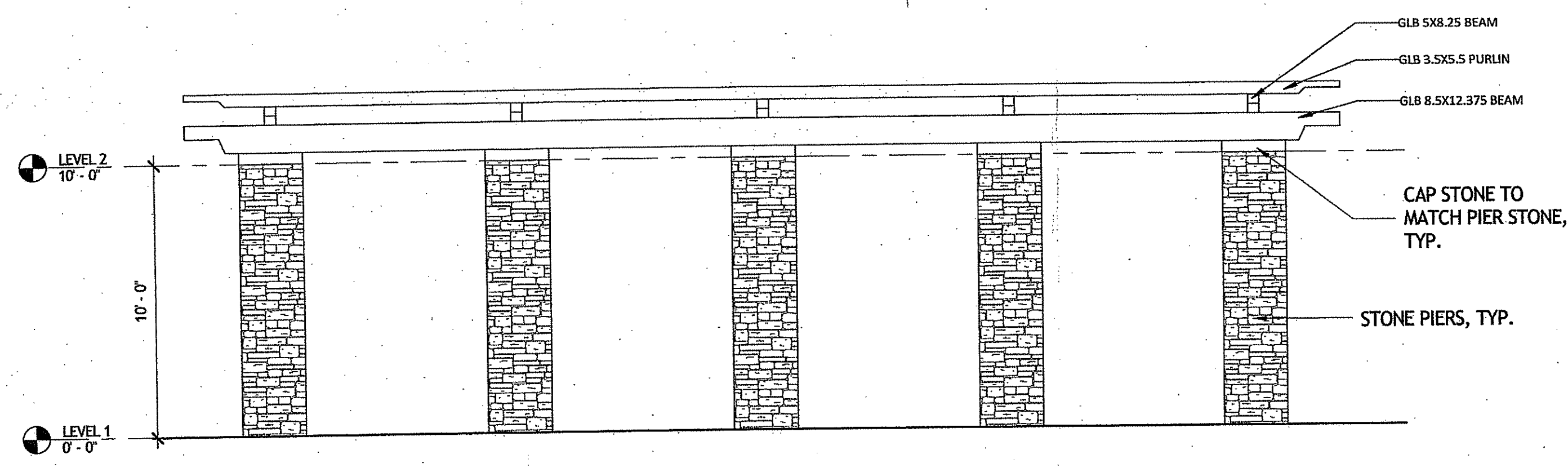
DWG. # _____ of _____
A1.1
SHT. # 39 of 79

FINAL SCANNED:

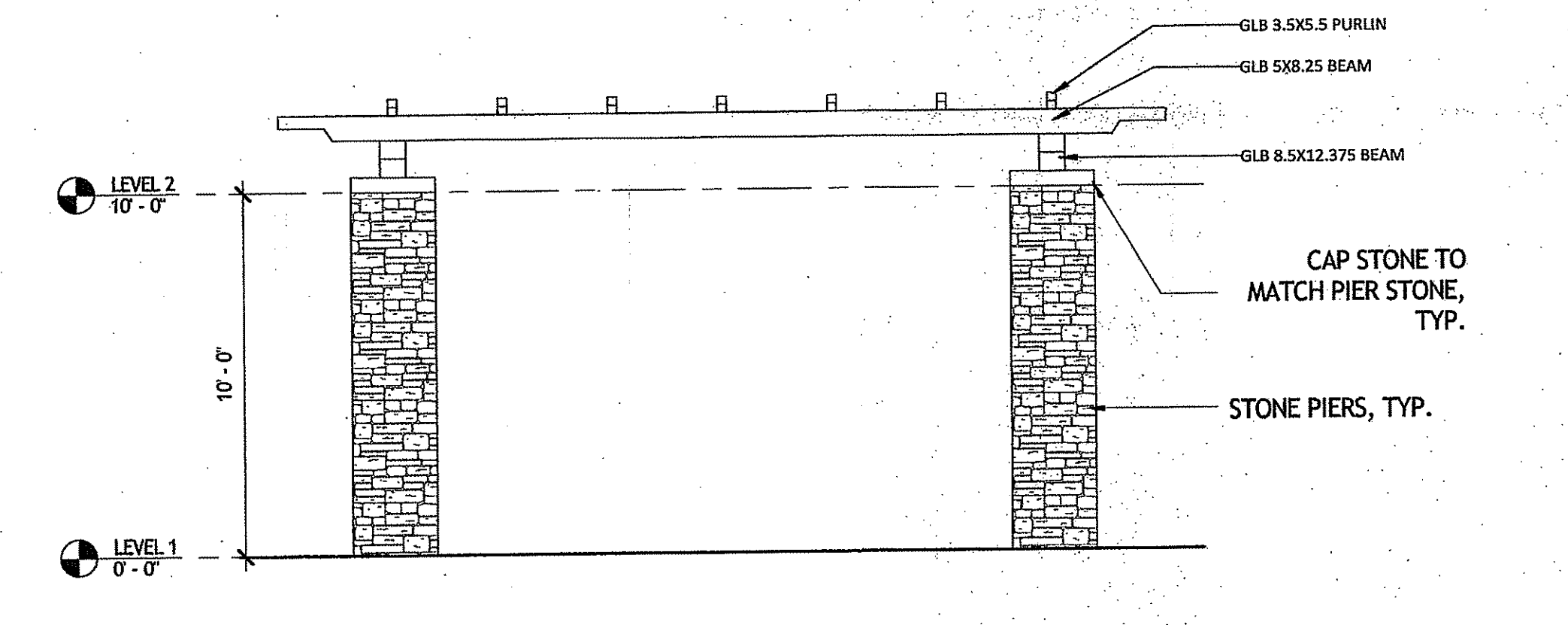
PLAN SCANNED:

PARK CODE: C10

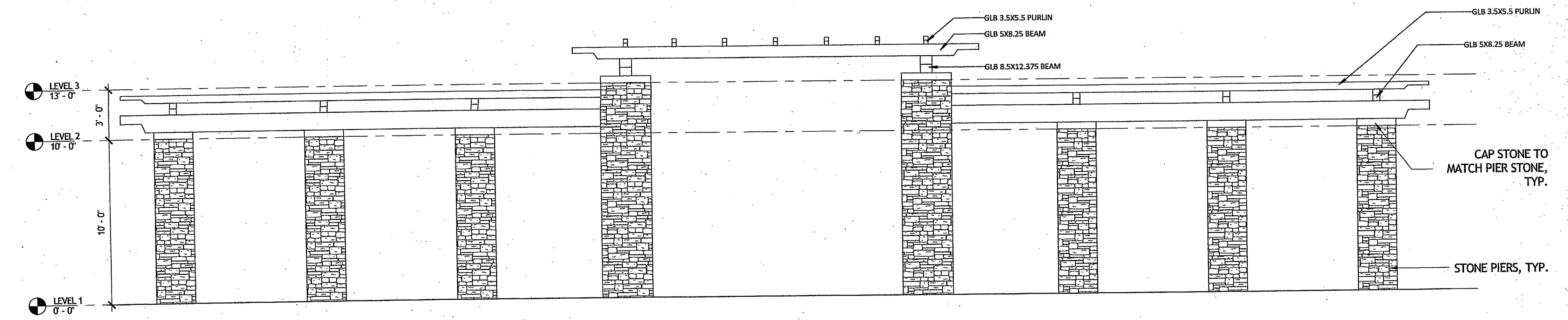
MAR 2013 10:25AM



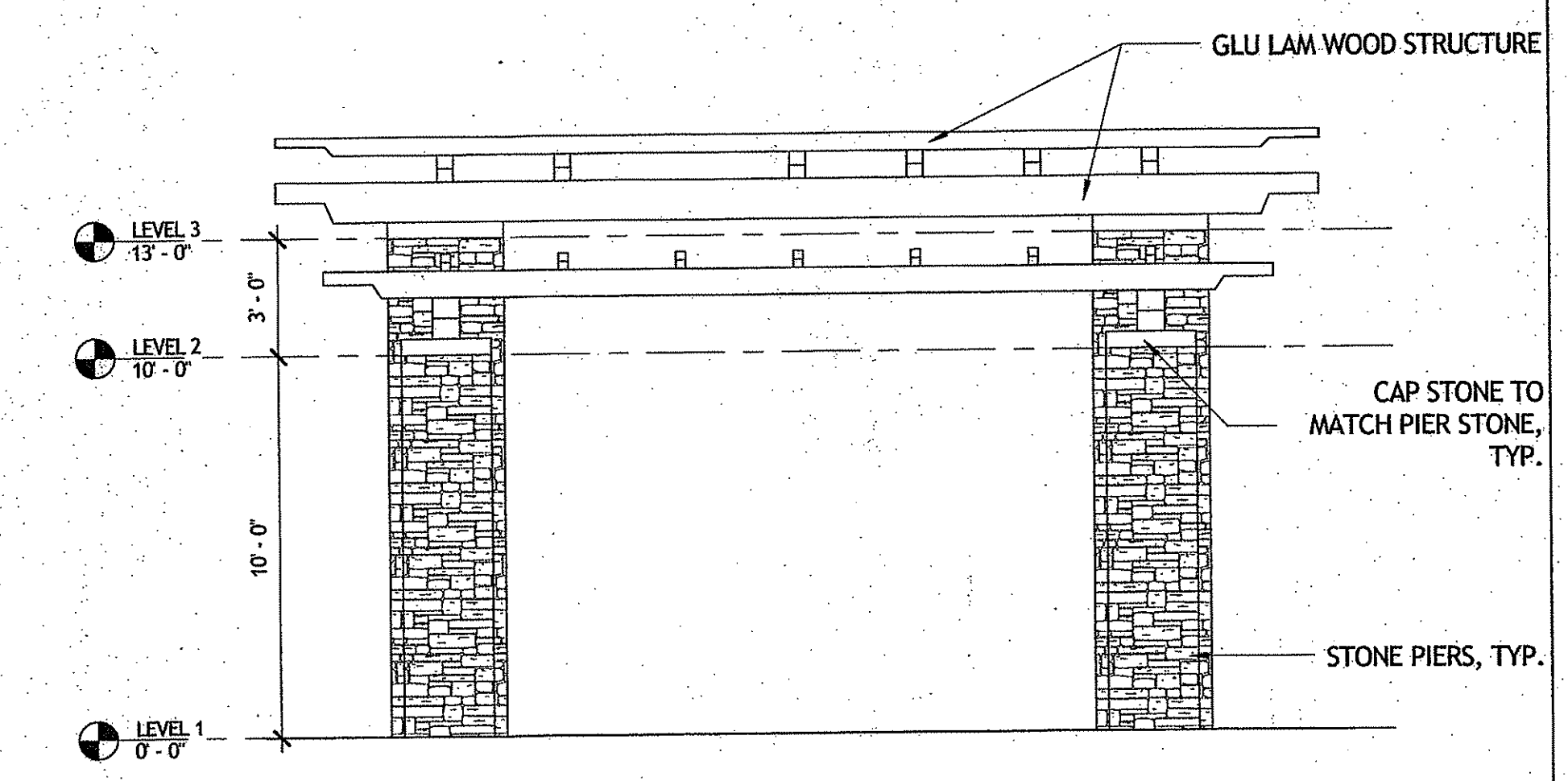
1 TRELLIS A - ELEVATION 01
A1.0 A1.2 1/4" = 1'-0"



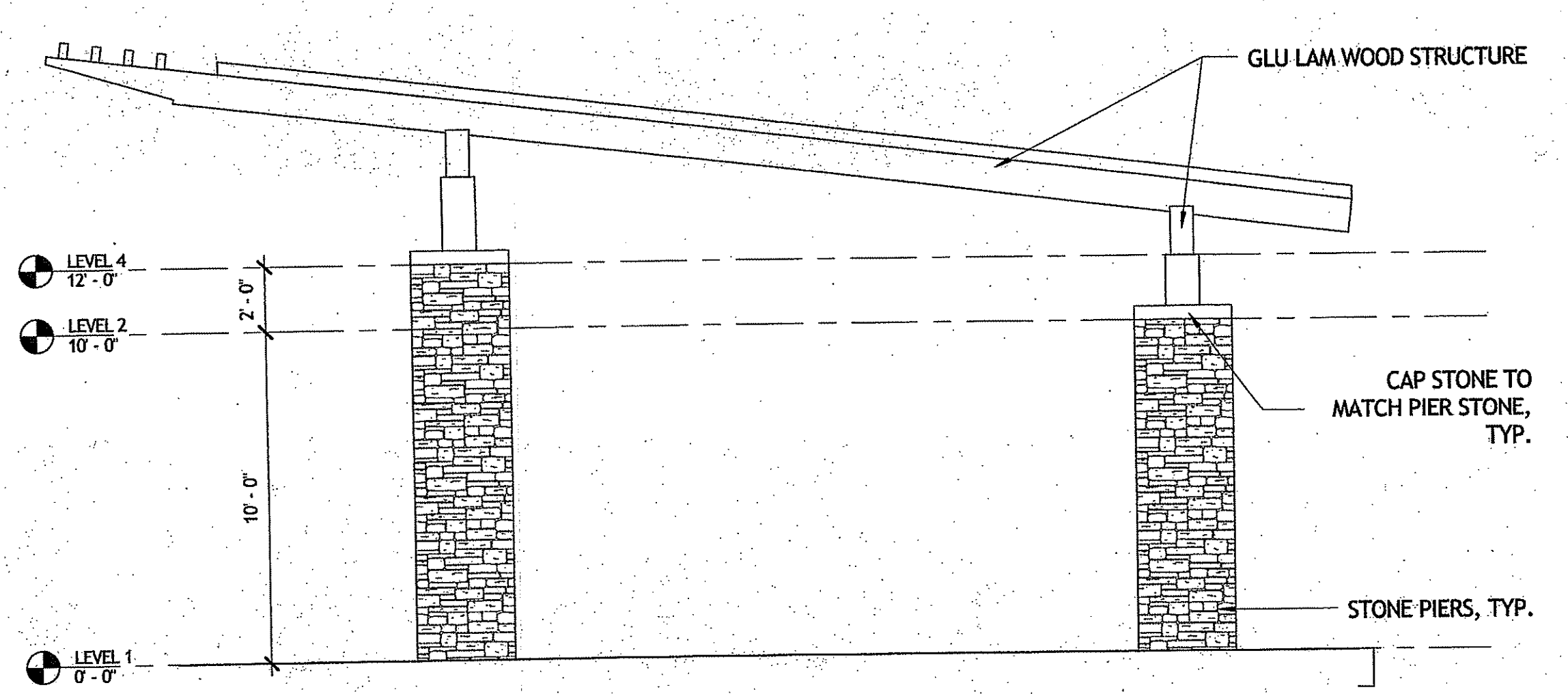
2 TRELLIS A - ELEVATION 02
A1.0 A1.2 1/4" = 1'-0"



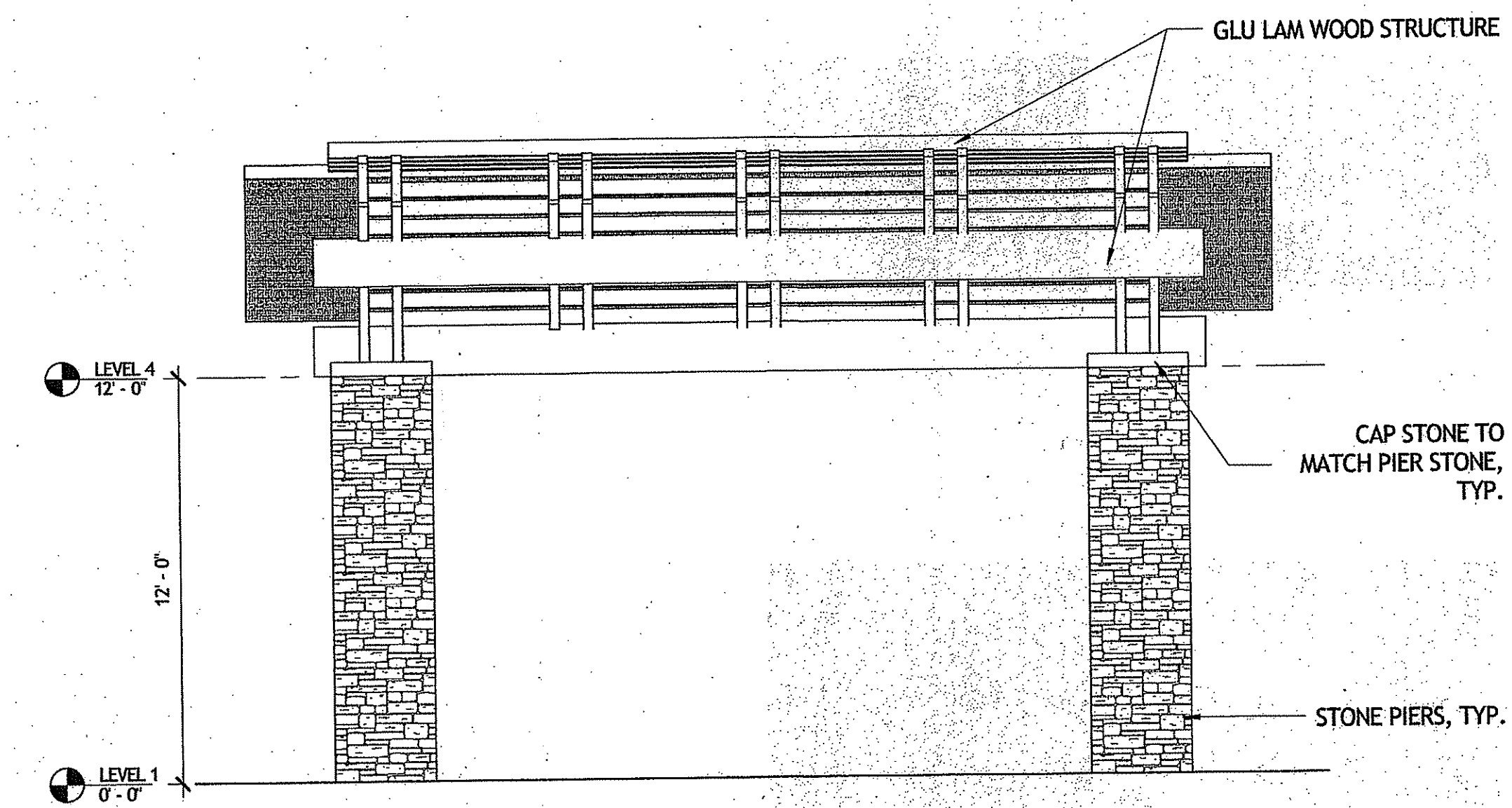
3 TRELLIS B - ELEVATION 01
A1.0 A1.2 1/4" = 1'-0"



4 TRELLIS B - ELEVATION 02
A1.0 A1.2 1/4" = 1'-0"



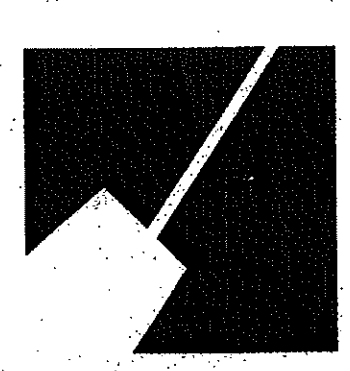
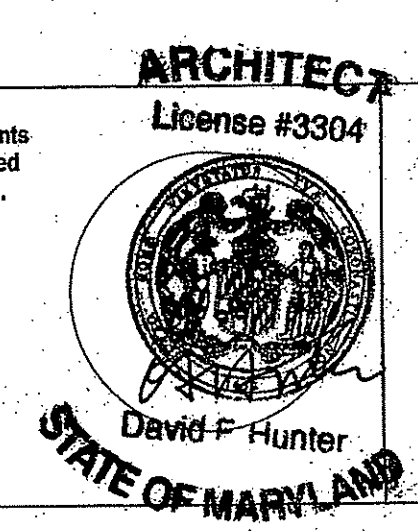
5 PAVILION - ELEVATION 01
A1.0 A1.2 1/4" = 1'-0"



6 PAVILION - ELEVATION 02
A1.0 A1.2 1/4" = 1'-0"

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Silver Spring, Maryland 20901
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REVIEW AND APPROVAL	
Project Manager	<i>W. J. Koma</i>
Date	8/1/13
Construction Manager	<i>[Signature]</i>
Date	8/3/13
Park Manager	<i>[Signature]</i>
Date	

ISSUED FOR PROCUREMENT ON		
REVISIONS		
Rev. No.	Date	Description

GREENBRIAR LOCAL PARK
PAVILION AND TRELLIS
ELEVATIONS
SCALE: AS SHOWN Liber Folio

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A1.2
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