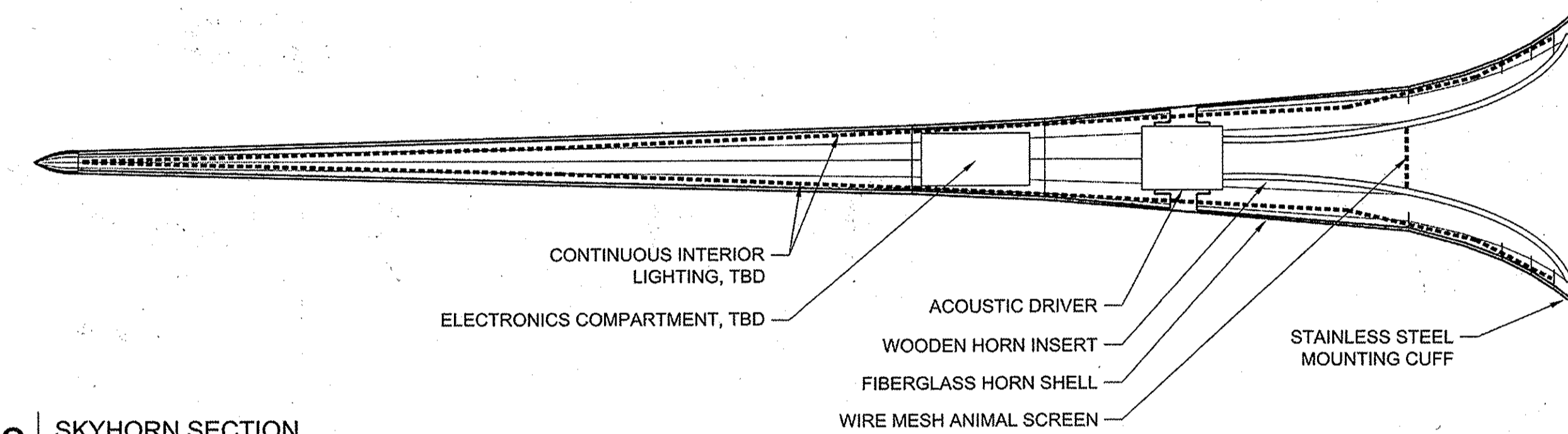


2 SKYHORN ELEVATION
3/4"=1'-0"



3 SKYHORN SECTION
3/4"=1'-0"

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING		APPROVED PLANNING BOARD OF HOWARD COUNTY	
Director	Date	Date:	
Chief, Division of Land Development	Date		
Chief, Development Engineering Division	Date		

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7192 Woodrow Wilson Drive | Frederick, MD 21702 | 301-696-2839 | www.cochranstudio.com

DATE	REVISION	BY	APP'R.

PREPARED FOR & DEVELOPER:
INNER ARBOR TRUST
10630 LITTLE PATUXENT PARKWAY
CENTURY PLAZA, SUITE 315
COLUMBIA, MD 21044
ATTN: MICHAEL McCALL
410-740-0029

EAST GATEWAY FEATURE
DOWNTOWN COLUMBIA
MERRIWEATHER-SYMPHONY WOODS NEIGHBORHOOD
MERRIWEATHER PARK AT SYMPHONY WOODS PHASE 1 AND FUTURE PHASES 2-7
TOWN CENTER - SECTION 1 AREA 1
PART OF OPEN SPACE LOT 23-PLAT NO. 22123 &
PART OF OPEN SPACE LOT 9B-PLAT BOOK 15, PAGE 32
GREEN COMMERCIAL BUILDING
ELECTION DISTRICT No. 5 HOWARD COUNTY, MARYLAND

SCALE	ZONING	G. L. W. FILE No.
AS SHOWN	NT	13043
DATE	TAX MAP - GRID	SHEET
JUNE, 2015	36 - 01	70 OF 85

SDP 14-073

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING		APPROVED PLANNING BOARD OF HOWARD COUNTY	
Director	Date	Date:	
Chief, Division of Land Development	Date		
Chief, Development Engineering Division	Date		

GLWGUTSCHICK LITTLE & WEBER, P.A.
CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS
3809 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK
BURTONSVILLE, MARYLAND 20866
TEL: 301-421-4024 BAL: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4186

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PREPARED FOR & DEVELOPER:
INNER ARBOR TRUST
10630 LITTLE PATUXENT PARKWAY
CENTURY PLAZA, SUITE 315
COLUMBIA, MD 21044
ATTN: MICHAEL McCALL
410-740-0029

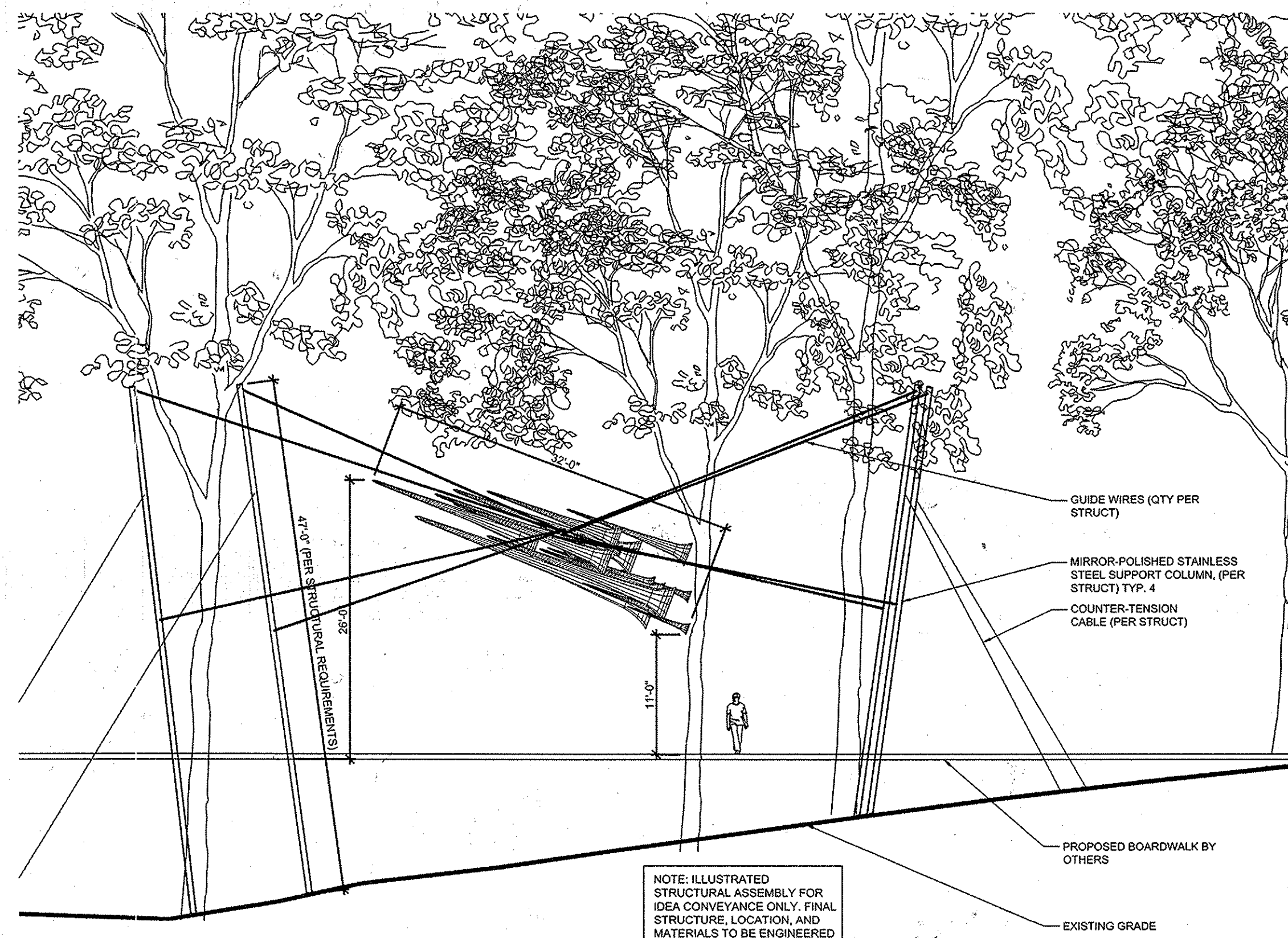
PROFESSIONAL CERTIFICATION
I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 14837
EXPIRATION DATE: MAY 21, 2016

EAST GATEWAY FEATURE
DOWNTOWN COLUMBIA
MERRIWEATHER-SYMPHONY WOODS NEIGHBORHOOD
MERRIWEATHER PARK at SYMPHONY WOODS PHASE 1 AND FUTURE PHASES 2-7
TOWN CENTER - SECTION 1 AREA 1
PART OF OPEN SPACE LOT 23-PLAT NO. 13535 &
PART OF OPEN SPACE LOT 9B-PLAT BOOK 15, PAGE 32
GREEN COMMERCIAL BUILDING
ELECTION DISTRICT No. 5 HOWARD COUNTY, MARYLAND

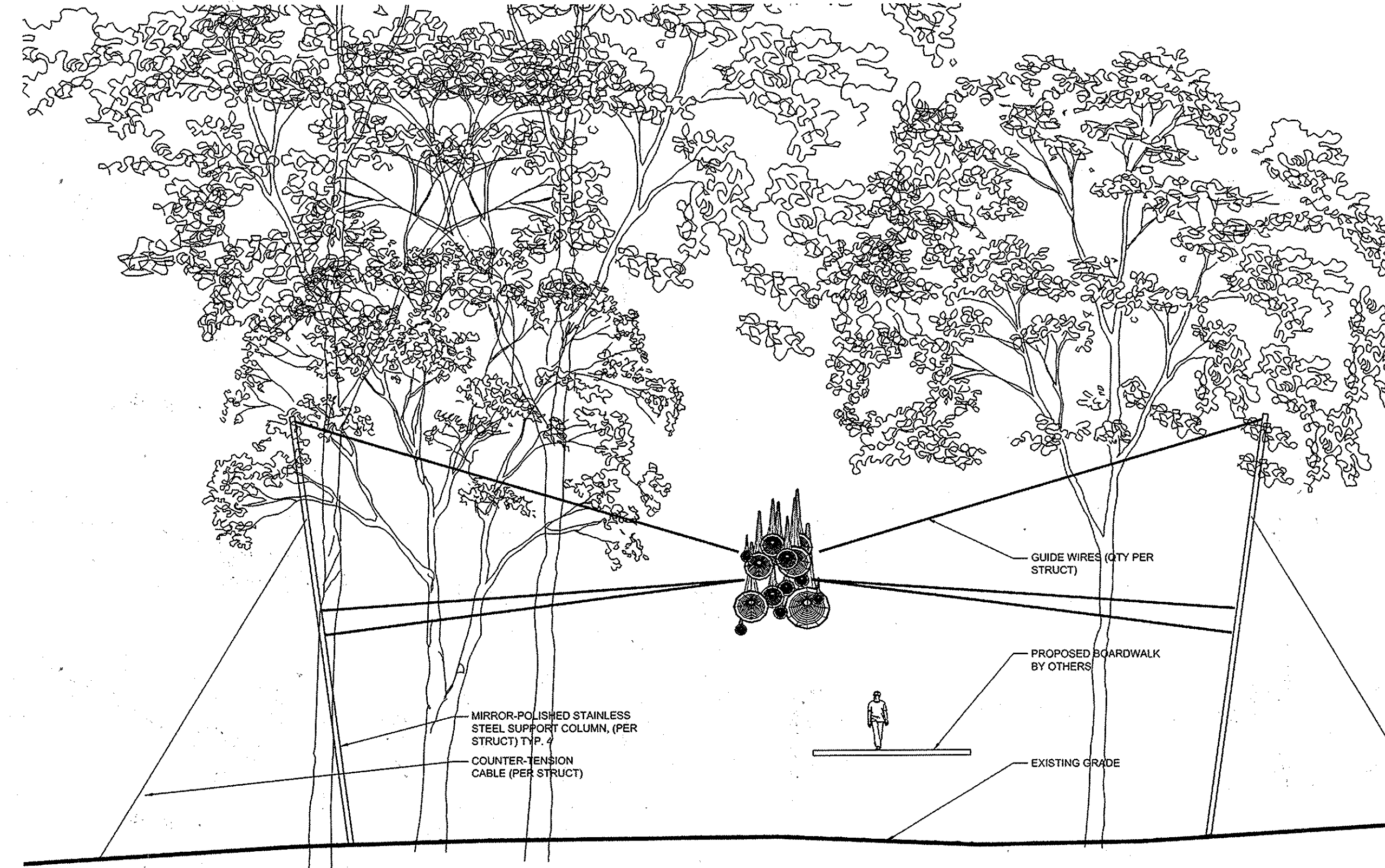
SCALE	ZONING	G. L. W. FILE No.
AS SHOWN	NT	13043
DATE	TAX MAP - GRID	SHEET
JUNE, 2015	36 - 01	70 OF 85

PDOX SHEET 50.1 OF 59

SDP 14-073



1 SITE ELEVATION
3/4"=1'-0"



2 SITE ELEVATION - FROM STREET APPROACH
3/4"=1'-0"

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING		APPROVED PLANNING BOARD OF HOWARD COUNTY	
Director	Date	Date:	
Chief, Division of Land Development	Date		
Chief, Development Engineering Division	Date		

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Catalytic Public Art for American Downtowns
7192 Meadowbrook Drive | Frederick, MD 21702 | 301-695-2839 | william@cochrans.com

PREPARED FOR & DEVELOPER:
INNER ARBOR TRUST
10630 LITTLE PATUXENT PARKWAY
CENTURY PLAZA, SUITE 315
COLUMBIA, MD 21044
ATTN: MICHAEL McCALL
410-740-0029

EAST GATEWAY FEATURE
DOWNTOWN COLUMBIA
MERRIWEATHER-SYMPHONY WOODS NEIGHBORHOOD
MERRIWEATHER PARK AT SYMPHONY WOODS PHASE 1 AND FUTURE PHASES 2-7
TOWN CENTER- SECTION 1 AREA 1
PART OF OPEN SPACE LOT 23-PLAT NO. 22123 &
PART OF OPEN SPACE LOT 9B-PLAT BOOK 15, PAGE 32
GREEN COMMERCIAL BUILDING
HOWARD COUNTY, MARYLAND

EAST GATEWAY FEATURE LF402

SCALE	ZONING	G. L. W. FILE No.
AS SHOWN	NT	13043
DATE	TAX MAP - GRID	SHEET
JUNE, 2015	36 - 01	71 OF 85

SDP 14-073

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING		APPROVED PLANNING BOARD OF HOWARD COUNTY	
Director	Date	Date:	
Chief, Division of Land Development	Date		
Chief, Development Engineering Division	Date		

PREPARED FOR & DEVELOPER:
INNER ARBOR TRUST
10630 LITTLE PATUXENT PARKWAY
CENTURY PLAZA, SUITE 315
COLUMBIA, MD 21044
ATTN: MICHAEL McCALL
410-740-0029

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GLWGUTSCHICK LITTLE & WEBER, P.A.
CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS
3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK
BURTONSVILLE, MARYLAND 20886
TEL: 301-421-4024 BAL: 410-880-1820 DC/VA: 301-988-2524 FAX: 301-421-4186

DES.	DRN.	CHK.	DATE	REVISION	BY	APP'R.

PROFESSIONAL CERTIFICATION
I HEREBY CERTIFY THAT THESE PLANS 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. 14631
EXPIRATION DATE: MAY 21, 2016



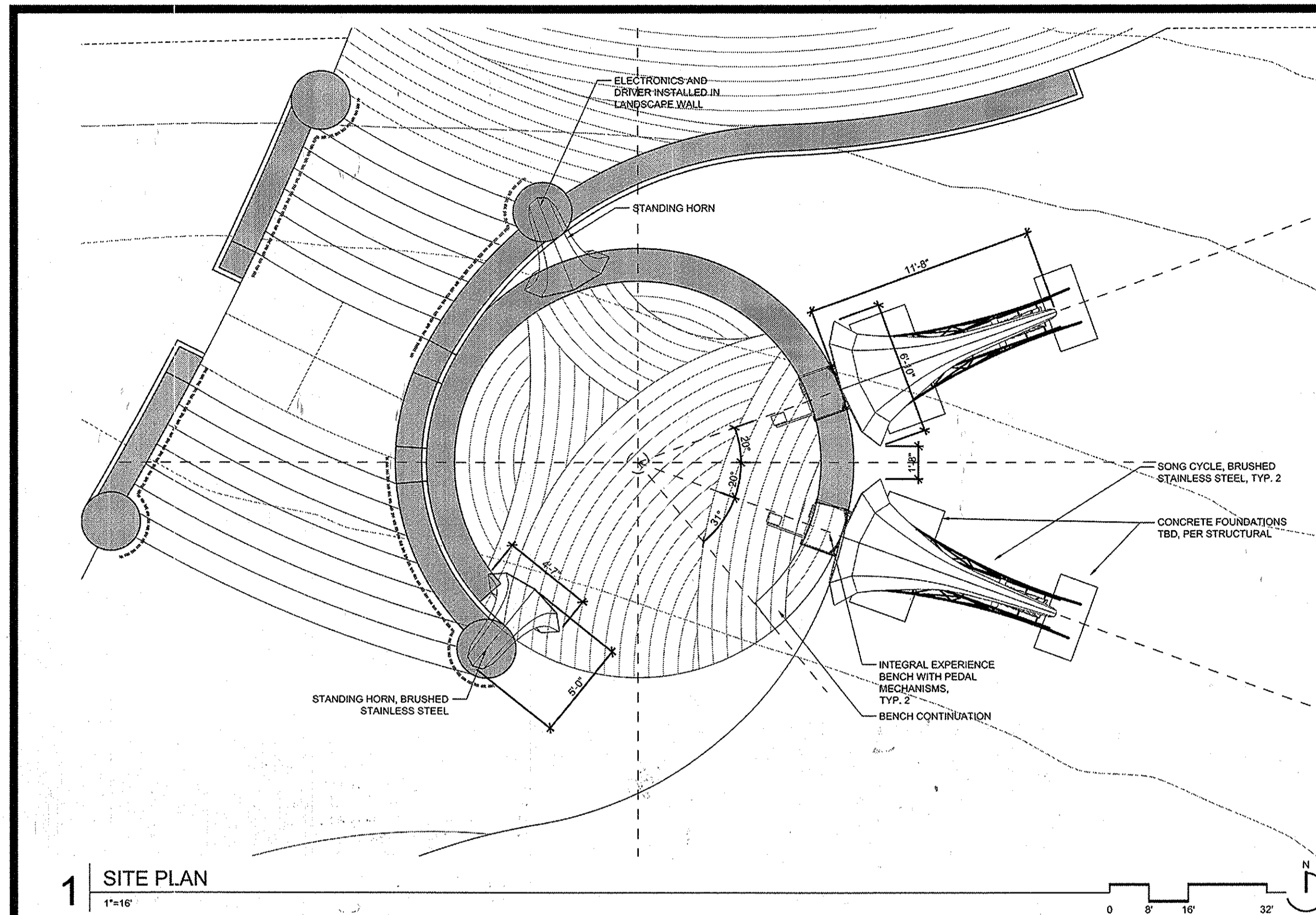
EAST GATEWAY FEATURE
DOWNTOWN COLUMBIA
MERRIWEATHER-SYMPHONY WOODS NEIGHBORHOOD
MERRIWEATHER PARK AT SYMPHONY WOODS PHASE 1 AND FUTURE PHASES 2-7
TOWN CENTER- SECTION 1 AREA 1
PART OF OPEN SPACE LOT 23-PLAT NO. 13535 &
PART OF OPEN SPACE LOT 9B-PLAT BOOK 15, PAGE 32
GREEN COMMERCIAL BUILDING
HOWARD COUNTY, MARYLAND

SCALE	ZONING	G. L. W. FILE No.
AS SHOWN	NT	13043
DATE	TAX MAP - GRID	SHEET
JUNE, 2015	36 - 01	71 OF 85

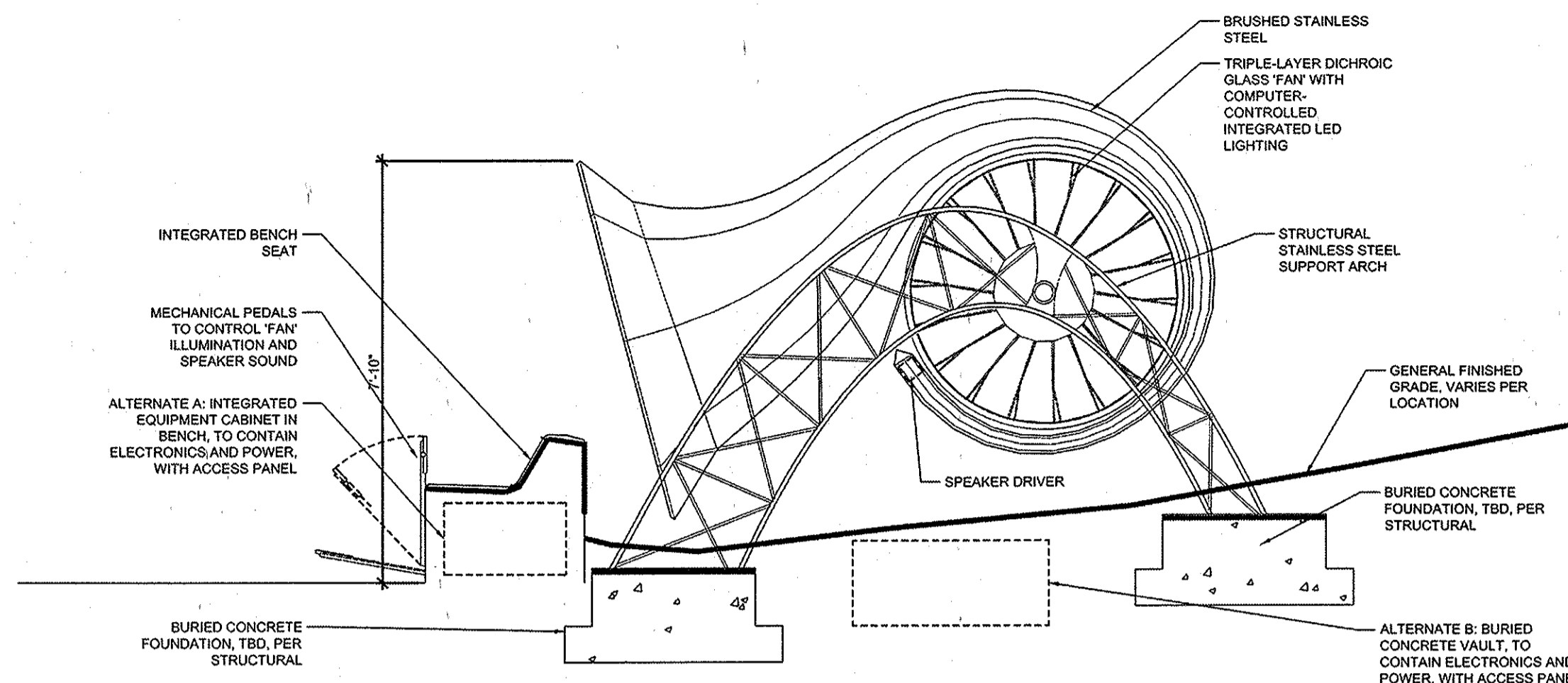
PDOX SHEET 50.2 OF 59

SDP 14-073

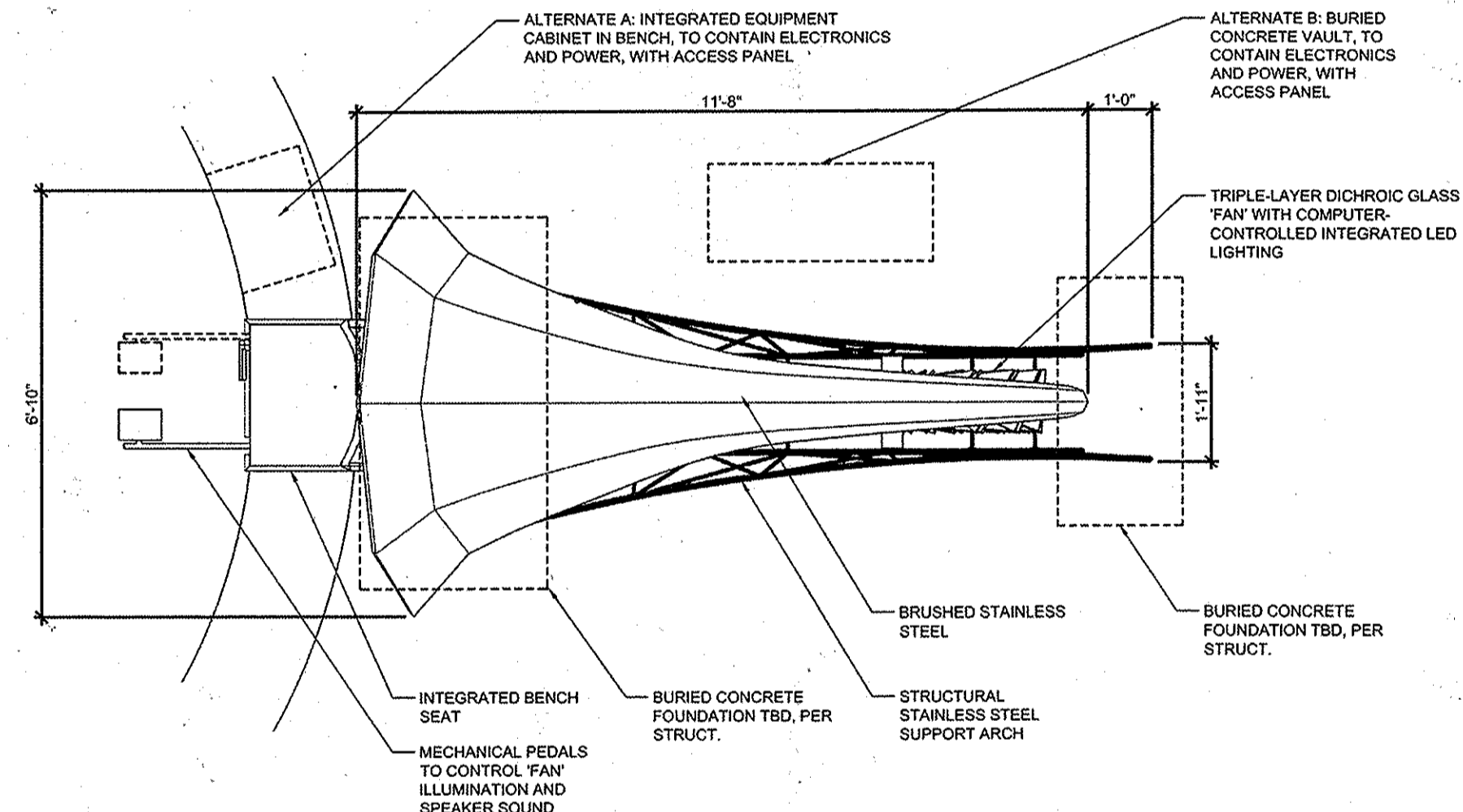
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1 SITE PLAN
1"=16'



2 SONG CYCLE ELEVATION
1/2"=1'-0"



3 SONG CYCLE PLAN
1/2"=1'-0"

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING		APPROVED PLANNING BOARD OF HOWARD COUNTY	
Director	Date	Date:	
Chief, Division of Land Development	Date		
Chief, Development Engineering Division	Date		

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7192 McDevitts Drive | Frederick, MD 21702 | 301-696-2639 | william@cochran.com

DES.	DRN.	CHK.	DATE	REVISION	BY	APPR.

PREPARED FOR & DEVELOPER:
INNER ARBOR TRUST
10630 LITTLE PATUXENT PARKWAY
CENTURY PLAZA, SUITE 315
COLUMBIA, MD 21044
ATTN: MICHAEL McCALL
410-740-0029

CENTRAL GATEWAY FEATURE
DOWNTOWN COLUMBIA
MERRIWEATHER-SYMPHONY WOODS NEIGHBORHOOD
MERRIWEATHER PARK AT SYMPHONY WOODS PHASE 1 AND FUTURE PHASES 2-7
TOWN CENTER - SECTION 1 AREA 1
PART OF OPEN SPACE LOT 23-PLAT NO. 22123 &
PART OF OPEN SPACE LOT 98-PLAT BOOK 15, PAGE 32
GREEN COMMERCIAL BUILDING
ELECTION DISTRICT No. 5
HOWARD COUNTY, MARYLAND

CENTRAL GATEWAY FEATURE	LF403	
SCALE	ZONING	G. L. W. FILE No.
AS SHOWN	NT	13043
DATE	TAX MAP - GRID	SHEET
JUNE, 2015	36 - 01	72 OF 85

SDP 14-073

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING	
Director	Date
Chief, Division of Land Development	Date
Chief, Development Engineering Division	Date

APPROVED PLANNING BOARD OF HOWARD COUNTY	
Date:	

* See Sh. 2 for Phasing & Add'l
Req. Approvals for Phases 3-7

THIS PLAN IS FOR INFORMATIONAL PURPOSES ONLY AND NOT FOR CONSTRUCTION. THIS PLAN WILL BE SUPERCEDED BY CONSTRUCTION DOCUMENTS PREPARED BY COCHRAN STUDIO FOR REVIEW AND APPROVAL AT THE BUILDING PERMIT STAGE BY THE HOWARD COUNTY DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS. THE SEAL AND SIGNATURE BELOW IS FOR THE PURPOSES OF INCLUDING THIS PLAN IN THE SET OF SITE DEVELOPMENT PLANS.

GLWGUTSCHICK LITTLE & WEBER, P.A.
CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS
3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK
BURTONSVILLE, MARYLAND 20866
TEL: 301-421-4024 BAL: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4186

DES.	DRN.	CHK.	DATE	REVISION	BY	APPR.

PREPARED FOR & DEVELOPER:
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10630 LITTLE PATUXENT PARKWAY
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410-740-0029

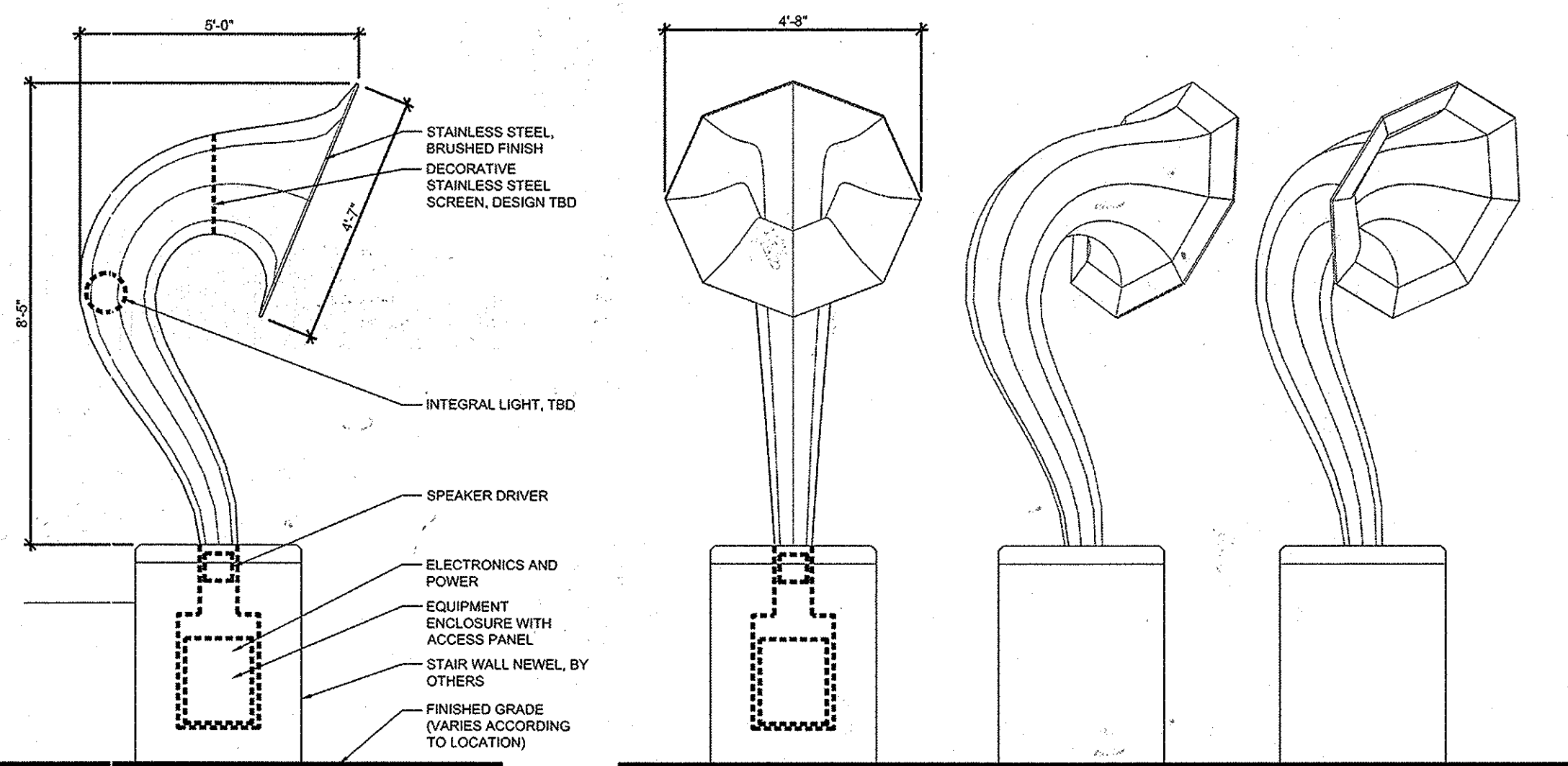
PROFESSIONAL CERTIFICATION
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EXPIRATION DATE: MAY 21, 2016

CENTRAL GATEWAY FEATURE
DOWNTOWN COLUMBIA
MERRIWEATHER-SYMPHONY WOODS NEIGHBORHOOD
MERRIWEATHER PARK AT SYMPHONY WOODS PHASE 1 AND FUTURE PHASES 2-7
TOWN CENTER - SECTION 1 AREA 1
PART OF OPEN SPACE LOT 23-PLAT NO. 13335 &
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GREEN COMMERCIAL BUILDING
ELECTION DISTRICT No. 5
HOWARD COUNTY, MARYLAND

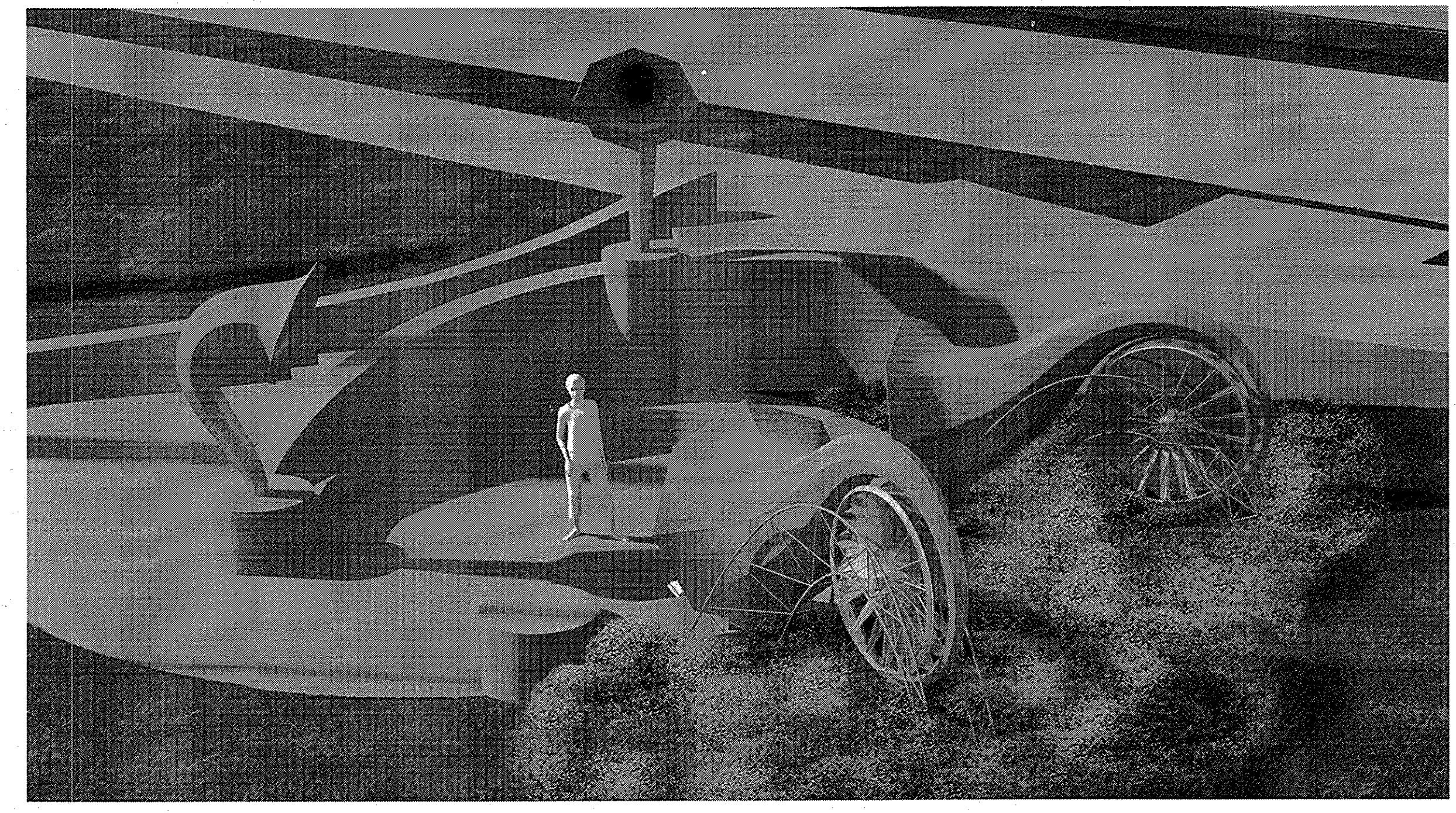
CENTRAL GATEWAY FEATURE	LF403	
SCALE	ZONING	G. L. W. FILE No.
AS SHOWN	NT	13043
DATE	TAX MAP - GRID	SHEET
JUNE, 2015	36 - 01	72 OF 85

PDOX SHEET 50.3 OF 59

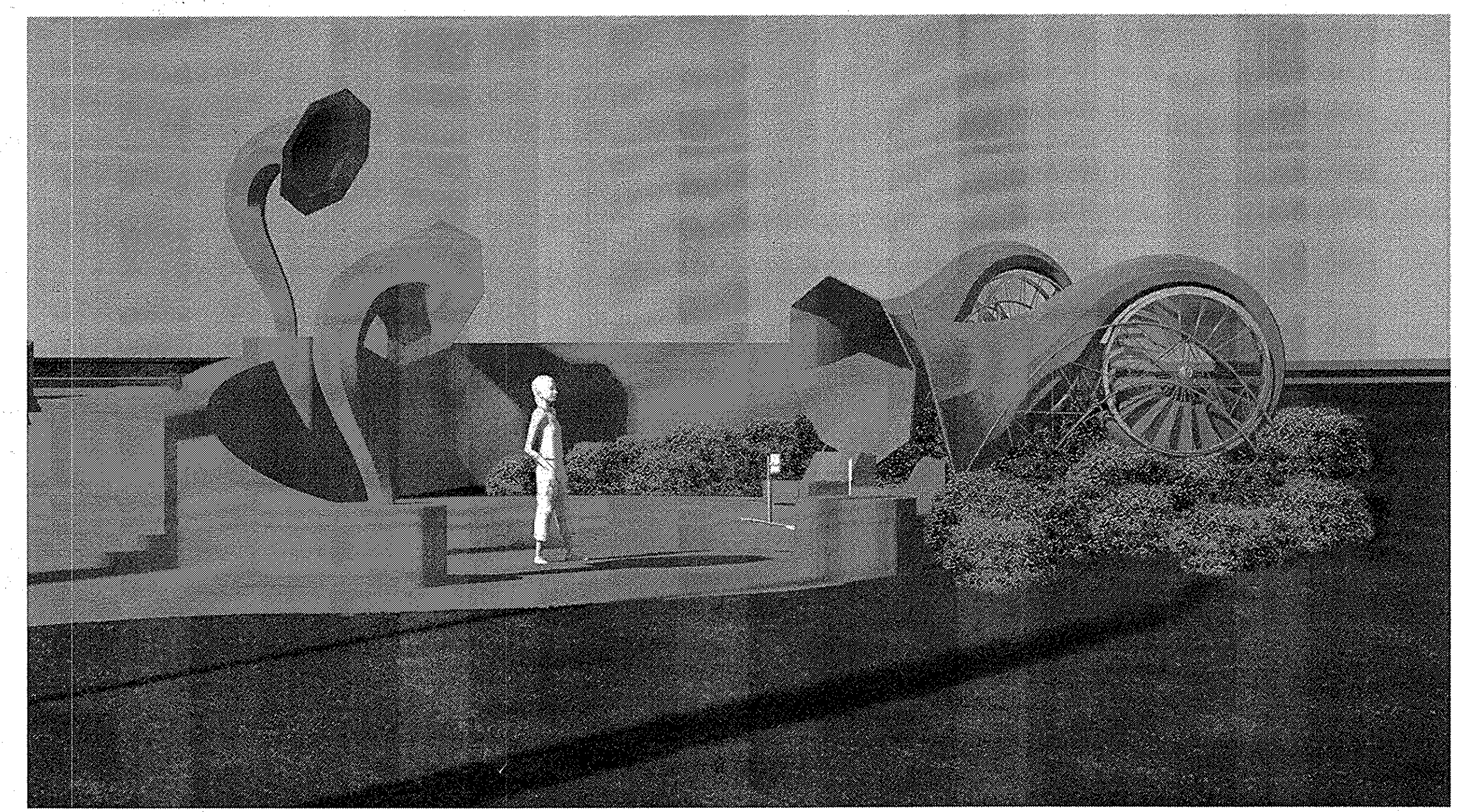
SDP 14-073



1 STANDING HORN ELEVATIONS
1/2"=1'-0"



2 INSTALLATION VIEW



3 INSTALLATION VIEW

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING Director: _____ Date: _____ Chief, Division of Land Development: _____ Date: _____ Chief, Development-Engineering Division: _____ Date: _____	APPROVED PLANNING BOARD OF HOWARD COUNTY Date: _____
--	--

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PREPARED FOR & DEVELOPER:
INNER ARBOR TRUST
10630 LITTLE PATUXENT PARKWAY
CENTURY PLAZA, SUITE 315
COLUMBIA, MD 21044
ATTN: MICHAEL McCALL
410-740-0029

CENTRAL GATEWAY FEATURE		LF404
SCALE	ZONING	G. L. W. FILE No.
AS SHOWN	NT	13043
DATE	TAX MAP - GRID	SHEET
JUNE, 2015	36 - 01	73 OF 85

SDP 14-073

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING Director: <i>William J. Miller</i> Date: <i>9-8-15</i> Chief, Division of Land Development: <i>Tom S. Gorman</i> Date: <i>9-8-15</i> Chief, Development-Engineering Division: <i>Chad Clendenen</i> Date: <i>8-25-15</i>	APPROVED PLANNING BOARD OF HOWARD COUNTY Date: <i>November 20, 2014</i> <i>* See Sp. 2 for Planning & Adm'l Required Approvals for Phs 2-7</i>
---	---

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3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK
BURTONSVILLE, MARYLAND 20866
TEL: 301-421-4024 BAL: 410-860-1800 DC/VA: 301-989-2524 FAX: 301-421-4186

PREPARED FOR & DEVELOPER:
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10630 LITTLE PATUXENT PARKWAY
CENTURY PLAZA, SUITE 315
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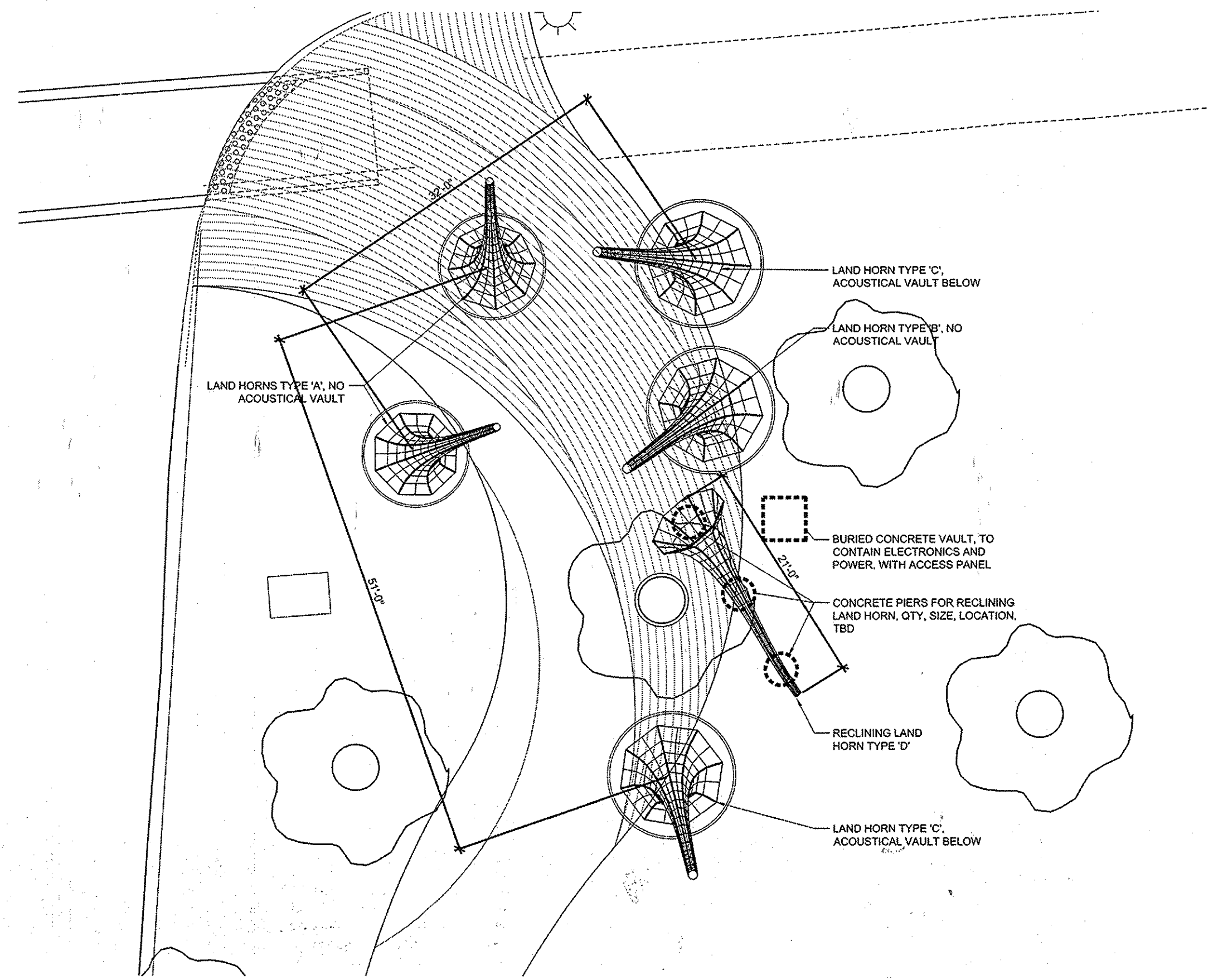
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EXPIRATION DATE: MAY 21, 2016

CENTRAL GATEWAY FEATURE		
DOWNTOWN COLUMBIA		
MERRIWEATHER-SYMPHONY WOODS NEIGHBORHOOD		
MERRIWEATHER PARK at SYMPHONY WOODS PHASE 1 AND FUTURE PHASES 2-7		
TOWN CENTER- SECTION 1 AREA 1		
PART OF OPEN SPACE LOT 23-PLAT NO. 13535 & PART OF OPEN SPACE LOT 9B-PLAT BOOK 15, PAGE 32		
GREEN COMMERCIAL BUILDING		
SCALE	ZONING	G. L. W. FILE No.
AS SHOWN	NT	13043
DATE	TAX MAP - GRID	SHEET
JUNE, 2015	36 - 01	73 OF 85

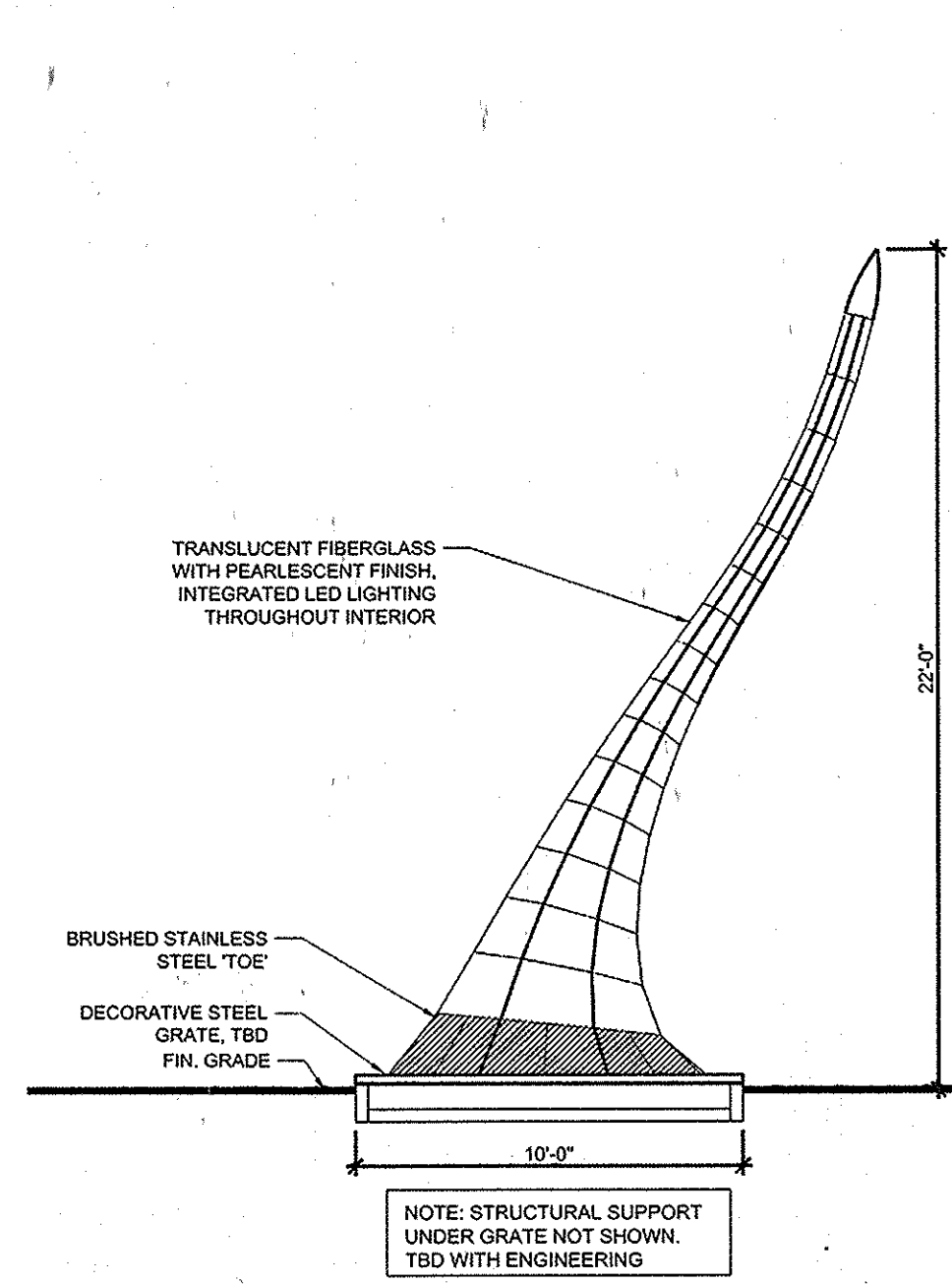
PDOX SHEET 50.4 OF 59		
SCALE	ZONING	G. L. W. FILE No.
AS SHOWN	NT	13043
DATE	TAX MAP - GRID	SHEET
JUNE, 2015	36 - 01	73 OF 85

SDP 14-073

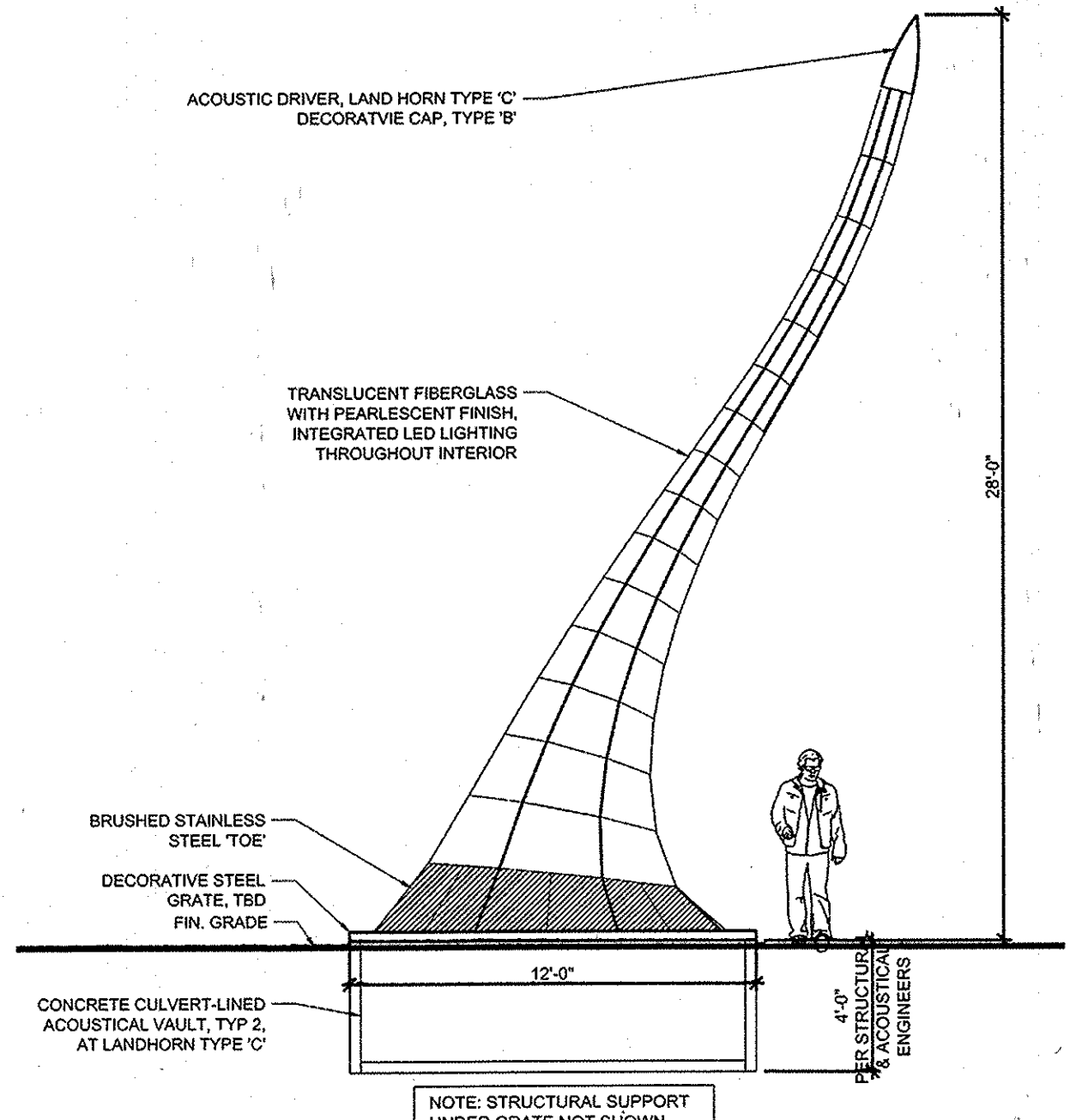
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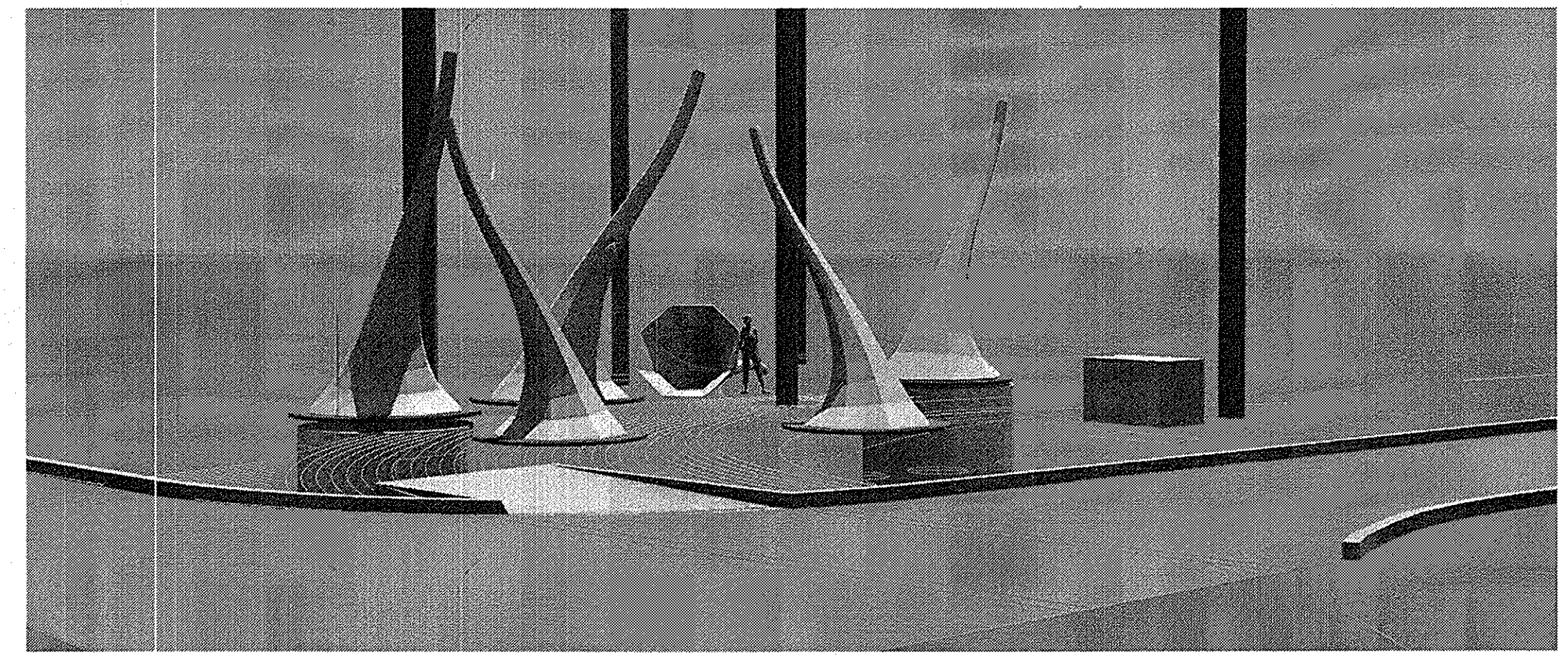
1 | SITE PLAN
1"=8'



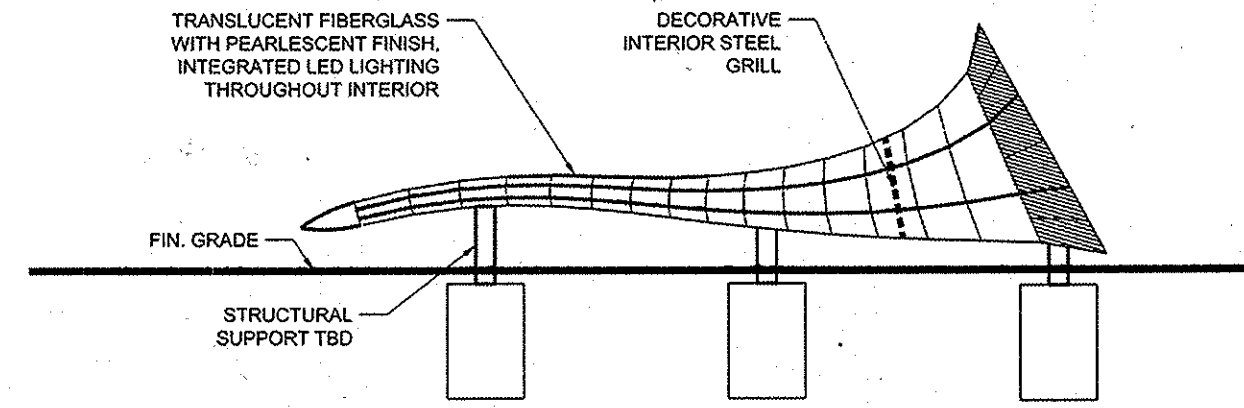
2 | SKYHORN ELEVATION, TYPE 'A'
1/4"=1'-0"



3 | SKYHORN ELEVATION, TYPES 'B' & 'C'
1/4"=1'-0"



5 | INSTALLATION VIEW



4 | SKYHORN ELEVATION, TYPE 'D'
1/4"=1'-0"

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING		APPROVED PLANNING BOARD OF HOWARD COUNTY	
Director <i>Valerie Goffe</i>	Date 9-8-15	Date:	
Chief, Division of Land Development <i>Vestibular</i>	Date 9-2-15		
Chief, Development Engineering Division <i>John Clark</i>	Date 8-25-15		

Cochran Studio		PREPARED FOR & DEVELOPER:	
Catalytic Public Art for American Downtowns 7192 Macdonald Drive Rockville, MD 21102 301-696-3839 www.cochranstudio.com		INNER ARBOR TRUST 10630 LITTLE PATUXENT PARKWAY CENTURY PLAZA, SUITE 315 COLUMBIA, MD 21044 ATTN: MICHAEL McCALL 410-740-0029	
DES. XXX	DRN. XXX	CHK. XXX	DATE

WEST GATEWAY FEATURE			LF405
SCALE	ZONING	G. L. W. FILE No.	
AS SHOWN	NT	13043	
DATE	TAX MAP - GRID	SHEET	
JUNE, 2015	36 - 01	74 OF 85	

SDP 14-073

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING		APPROVED PLANNING BOARD OF HOWARD COUNTY	
Director <i>Valerie Goffe</i>	Date 9-8-15	Date:	
Chief, Division of Land Development <i>Vestibular</i>	Date 9-2-15		
Chief, Development Engineering Division <i>John Clark</i>	Date 8-25-15		

GLWGUTSCHICK LITTLE & WEBER, P.A.		PREPARED FOR & DEVELOPER:	
CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS 3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK BURTONSVILLE, MARYLAND 20866 TEL: 301-421-4024 BALT: 410-680-1820 DC/VA: 301-389-2524 FAX: 301-421-4166		INNER ARBOR TRUST 10630 LITTLE PATUXENT PARKWAY CENTURY PLAZA, SUITE 315 COLUMBIA, MD 21044 ATTN: MICHAEL McCALL 410-740-0029	
DES.	DRN.	CHK.	DATE

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WEST GATEWAY FEATURE			
DOWNTOWN COLUMBIA			
MERRIWEATHER-SYMPHONY WOODS NEIGHBORHOOD			
MERRIWEATHER PARK AT SYMPHONY WOODS PHASE 1 AND FUTURE PHASES 2-7			
TOWN CENTER-SECTION 1 AREA 1			
PART OF OPEN SPACE LOT 23-PLAT NO. 22123 & PART OF OPEN SPACE LOT 9B-PLAT BOOK 15, PAGE 32			
GREEN COMMERCIAL BUILDING			
ELECTION DISTRICT No. 5			HOWARD COUNTY, MARYLAND

SCALE	ZONING	G. L. W. FILE No.
AS SHOWN	NT	13043
DATE	TAX MAP - GRID	SHEET
JUNE, 2015	36 - 01	74 OF 85

GLWGUTSCHICK LITTLE & WEBER, P.A.		PREPARED FOR & DEVELOPER:	
CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS 3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK BURTONSVILLE, MARYLAND 20866 TEL: 301-421-4024 BALT: 410-680-1820 DC/VA: 301-389-2524 FAX: 301-421-4166		INNER ARBOR TRUST 10630 LITTLE PATUXENT PARKWAY CENTURY PLAZA, SUITE 315 COLUMBIA, MD 21044 ATTN: MICHAEL McCALL 410-740-0029	
DES.	DRN.	CHK.	DATE

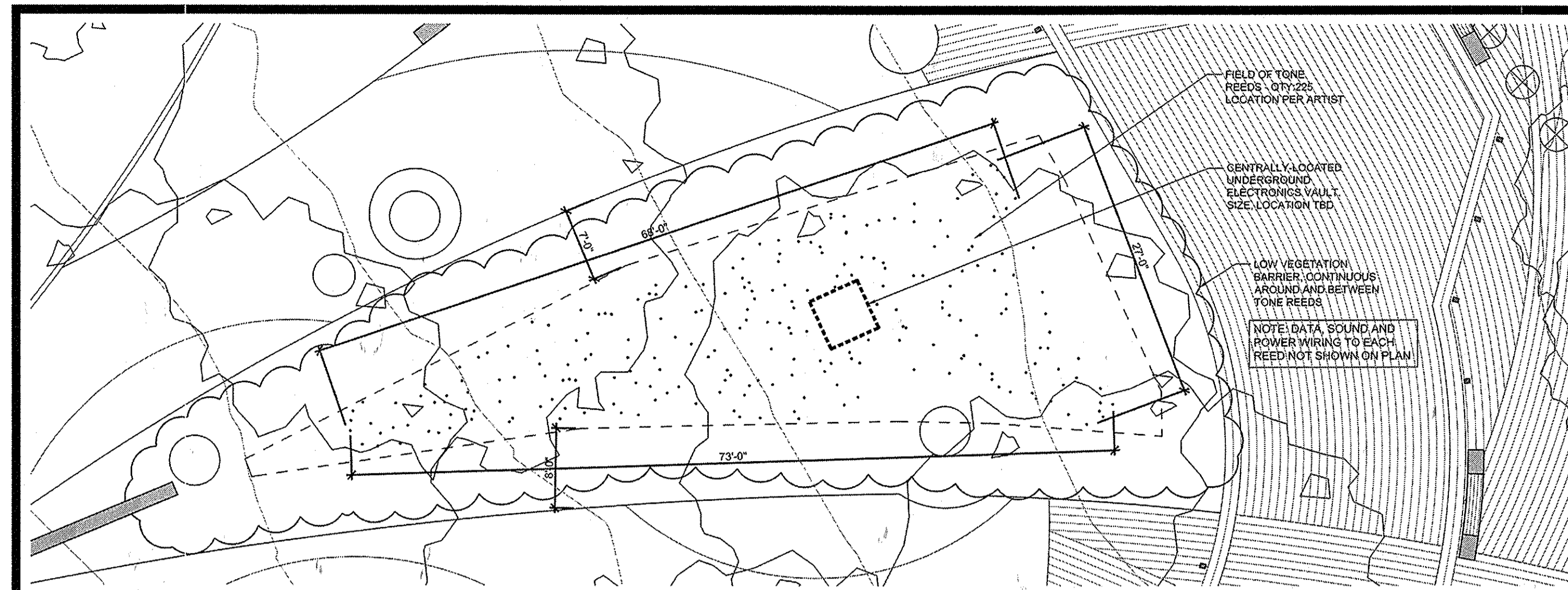
PROFESSIONAL CERTIFICATION		STATE OF MARYLAND	
I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 13931		MICHAEL McCALL	
EXPIRATION DATE: MAY 21, 2016			

WEST GATEWAY FEATURE			
DOWNTOWN COLUMBIA			
MERRIWEATHER-SYMPHONY WOODS NEIGHBORHOOD			
MERRIWEATHER PARK AT SYMPHONY WOODS PHASE 1 AND FUTURE PHASES 2-7			
TOWN CENTER-SECTION 1 AREA 1			
PART OF OPEN SPACE LOT 23-PLAT NO. 13535 & PART OF OPEN SPACE LOT 9B-PLAT BOOK 15, PAGE 32			
GREEN COMMERCIAL BUILDING			
ELECTION DISTRICT No. 5			HOWARD COUNTY, MARYLAND

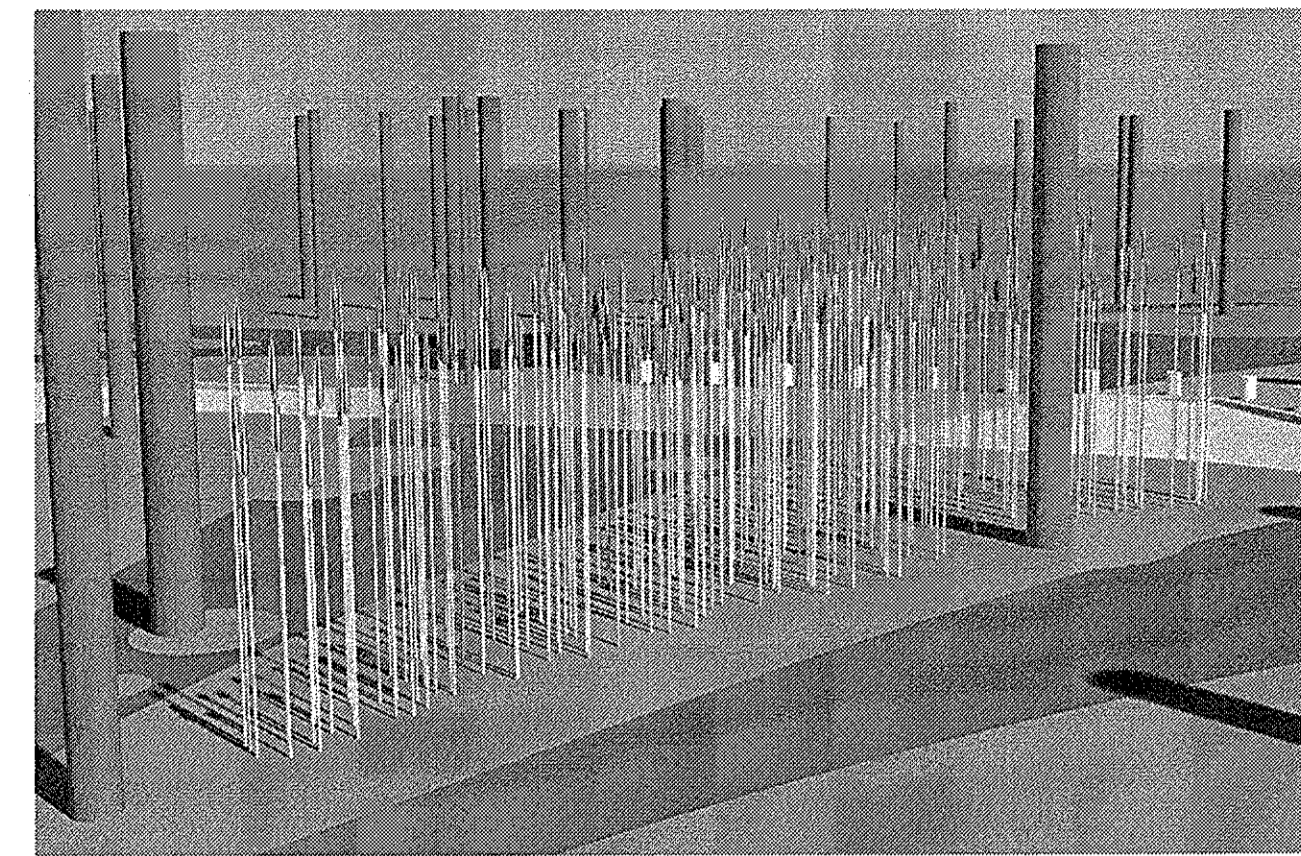
SCALE	ZONING	G. L. W. FILE No.
AS SHOWN	NT	13043
DATE	TAX MAP - GRID	SHEET
JUNE, 2015	36 - 01	74 OF 85

PDOX SHEET 50.5 OF 59

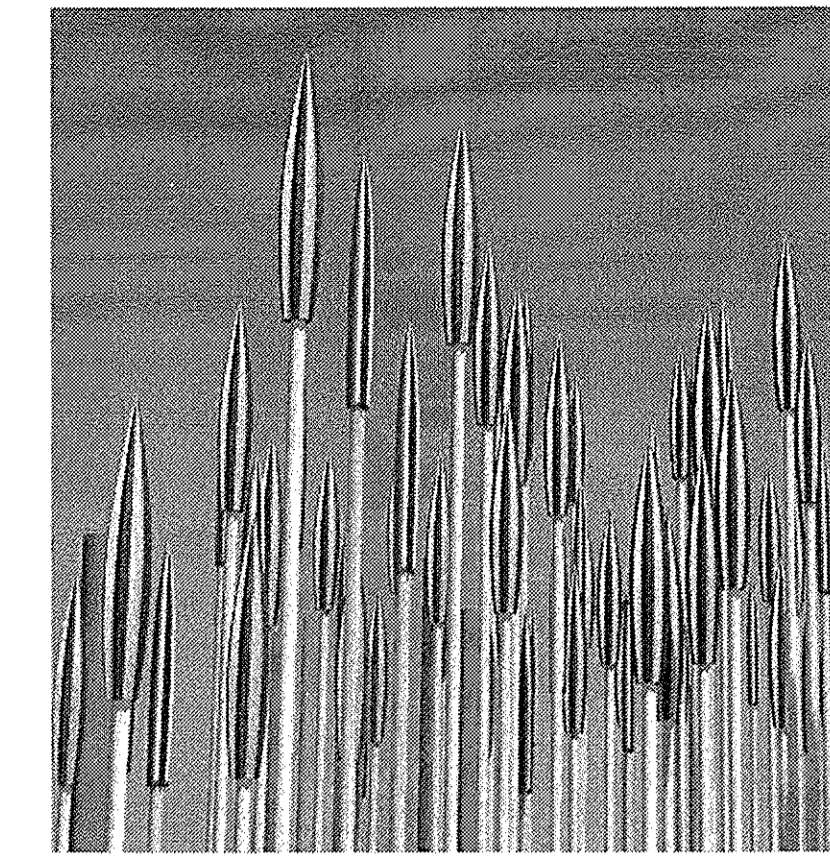
SDP 14-073



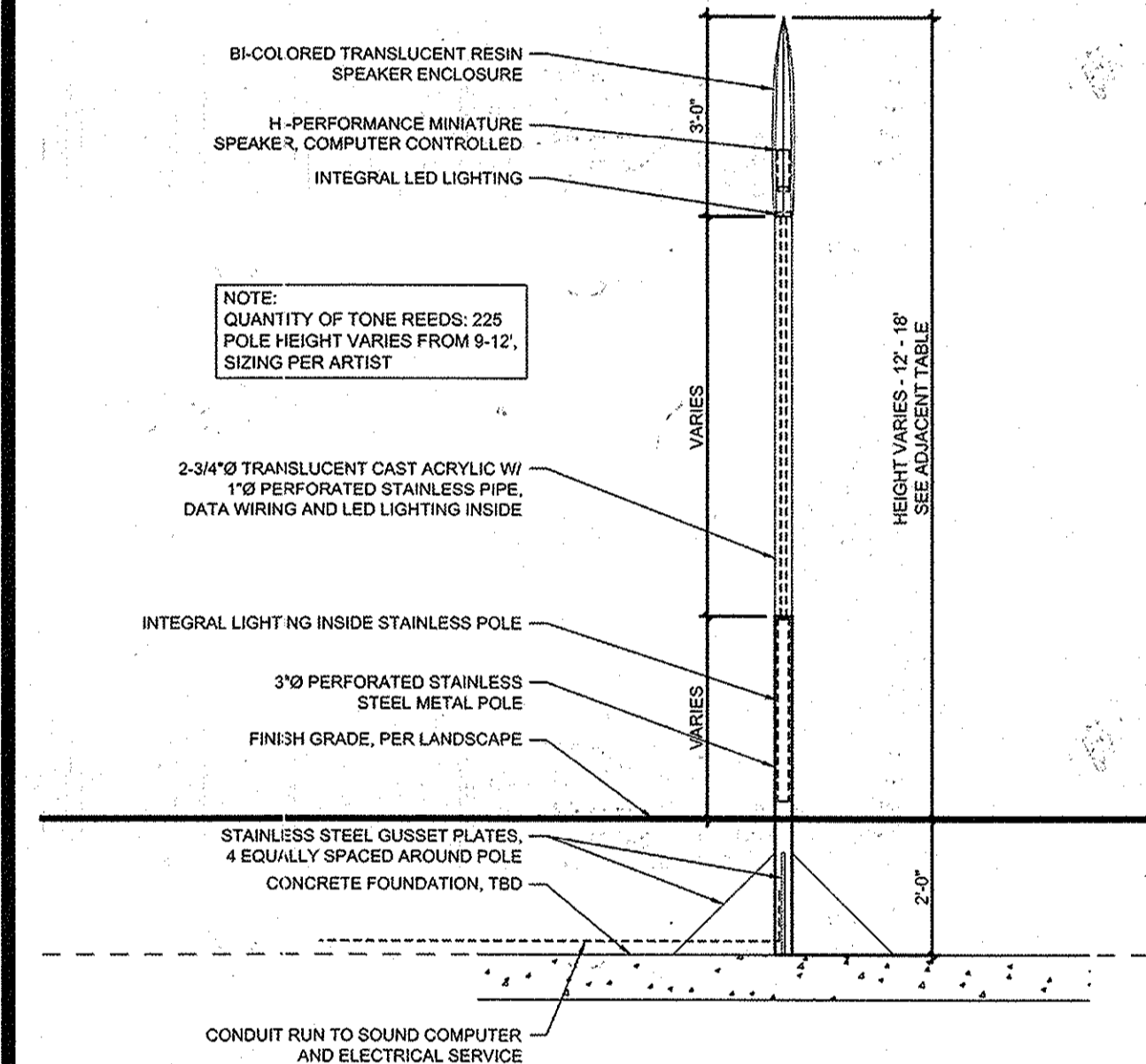
1 SITE PLAN
1"=8'



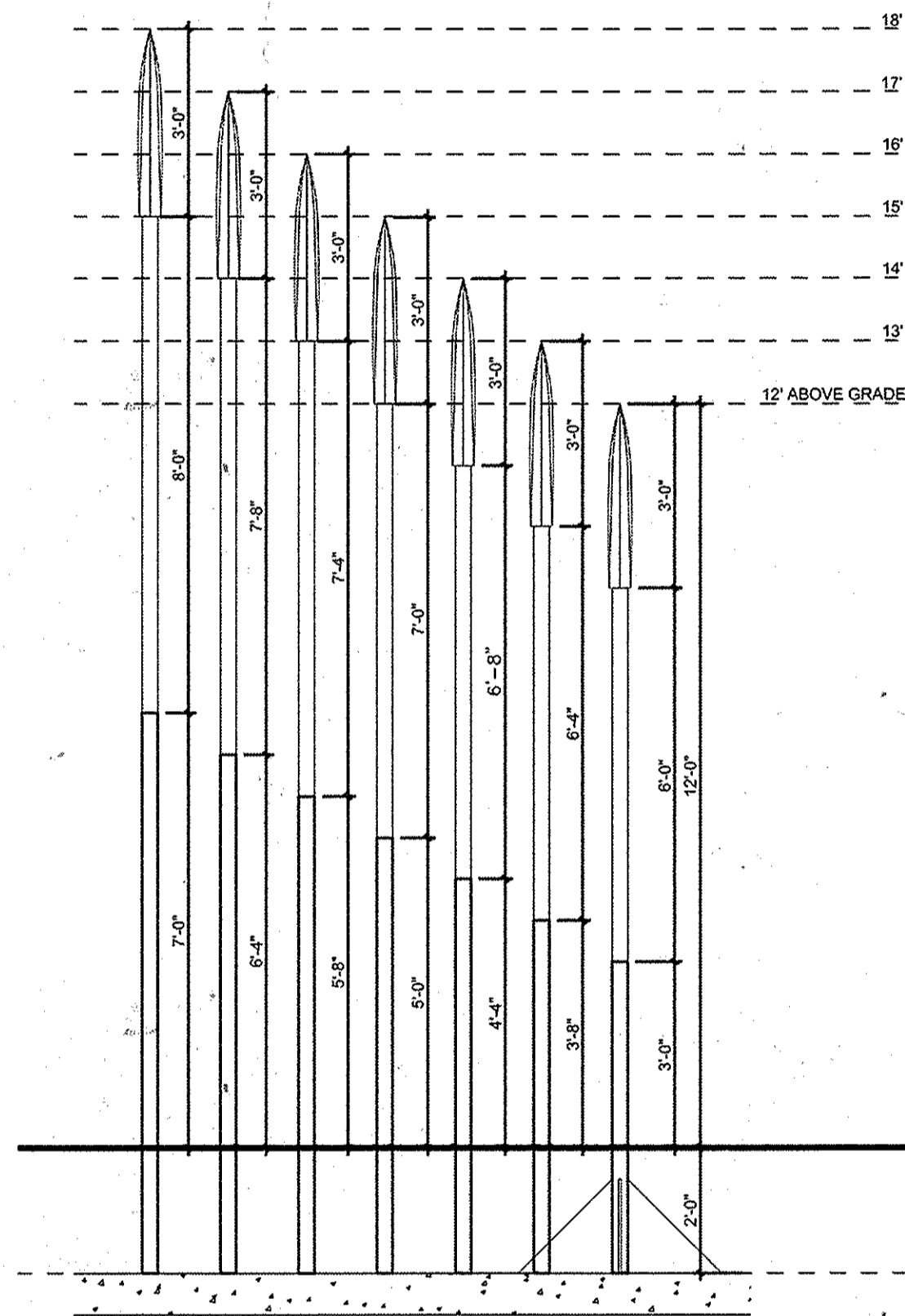
5 INSTALLATION VIEW



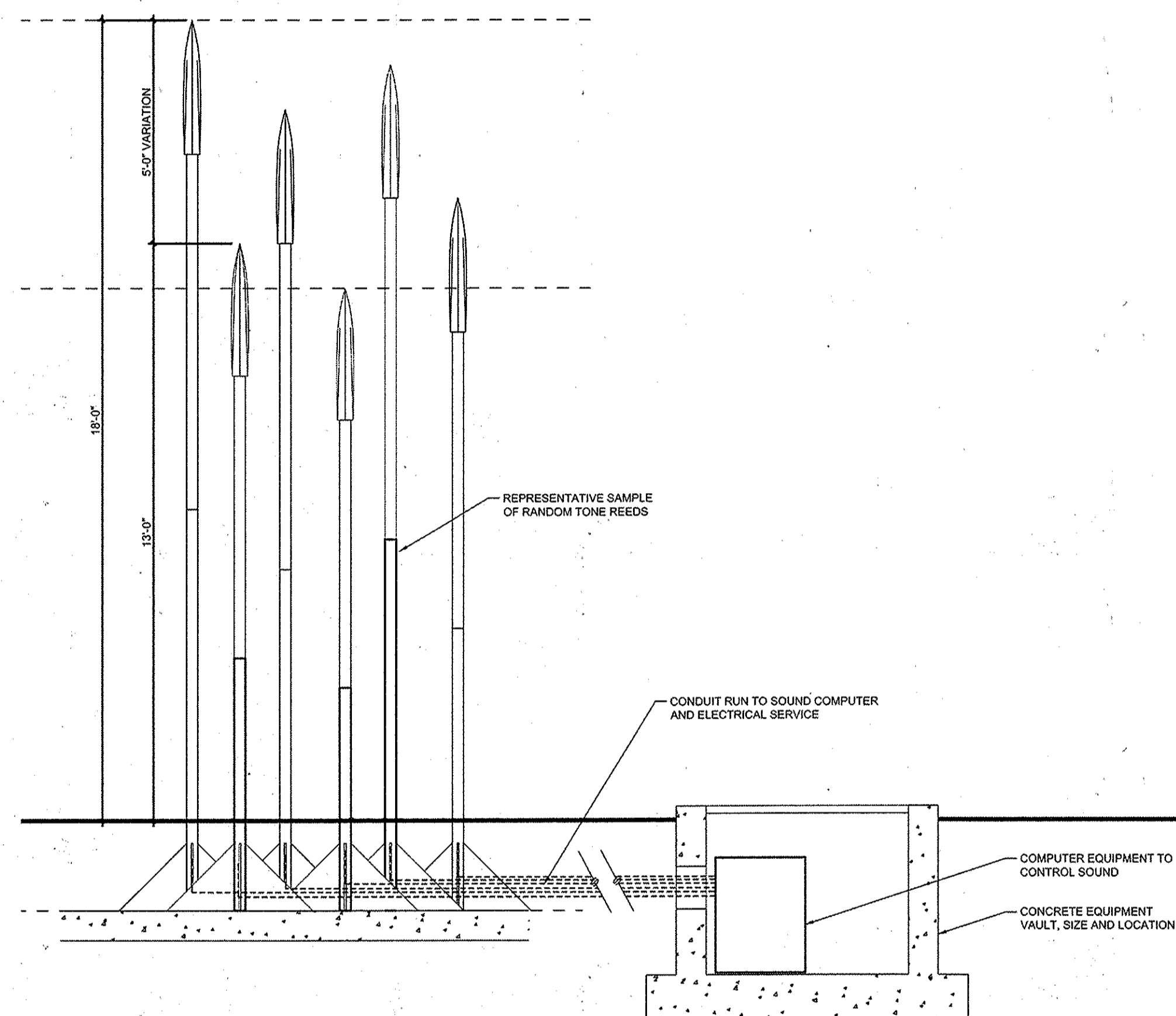
6 PEDESTRIAN VIEW



2 TONE REED ELEVATION
1/2"=1'-0"



3 HEIGHT TABLE
1/2"=1'-0"



4 INSTALLATION ELEVATION
1/2"=1'-0"

APPROVED - HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING		APPROVED PLANNING BOARD OF HOWARD COUNTY	
Director	Date	Date	Date
Chief, Division of Land Development	Date		
Chief, Development Engineering Division	Date		

Cochran Studio
Catalytic Public Art for American Downtowns
7192 McDevitt Drive | Frederick, MD 21702 | 301-695-2839 | www.cochranstudio.com

PREPARED FOR & DEVELOPER:
INNER ARBOR TRUST
10630 LITTLE PATUXENT PARKWAY
CENTURY PLAZA, SUITE 315
COLUMBIA, MD 21044
ATTN: MICHAEL McCALL
410-740-0029

SOUTH WEST GATEWAY FEATURE
DOWNTOWN COLUMBIA
MERRIWEATHER-SYMPHONY WOODS NEIGHBORHOOD
MERRIWEATHER PARK AT SYMPHONY WOODS PHASE 1 AND FUTURE PHASES 2-7
TOWN CENTER- SECTION 1 AREA 1
PART OF OPEN SPACE LOT 23-PLAT NO. 22123 &
PART OF OPEN SPACE LOT 9B-PLAT BOOK 15, PAGE 32
GREEN COMMERCIAL BUILDING
ELECTION DISTRICT No. 5
HOWARD COUNTY, MARYLAND

SOUTH WEST GATEWAY FEATURE		LF406
SCALE	ZONING	G. L. W. FILE No.
AS SHOWN	NT	13043
DATE	TAX MAP - GRID	SHEET
JUNE, 2015	36 - 01	75 OF 85

SDP 14-073

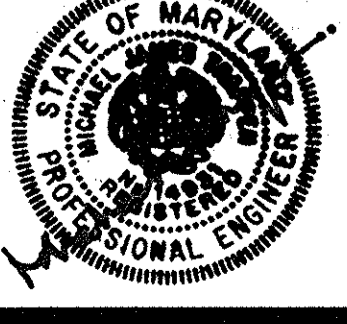
APPROVED - HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING		APPROVED PLANNING BOARD OF HOWARD COUNTY	
Director	Date	Date	Date
Chief, Division of Land Development	Date		
Chief, Development Engineering Division	Date		

THIS PLAN IS FOR INFORMATIONAL PURPOSES ONLY AND NOT FOR CONSTRUCTION. THIS PLAN WILL BE SUPERCEDED BY CONSTRUCTION DOCUMENTS PREPARED BY COCHRAN STUDIO FOR REVIEW AND APPROVAL AT THE BUILDING PERMIT STAGE BY THE HOWARD COUNTY DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS. THE SEAL AND SIGNATURE BELOW IS FOR THE PURPOSES OF INCLUDING THIS PLAN IN THE SET OF SITE DEVELOPMENT PLANS.

GLWGUTSCHICK LITTLE & WEBER, P.A.
CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS
3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK
BURTONSVILLE, MARYLAND 20866
TEL: 301-421-4024 BAL: 410-880-1820 DC/VA: 301-389-2524 FAX: 301-421-4188

PREPARED FOR & DEVELOPER:
INNER ARBOR TRUST
10630 LITTLE PATUXENT PARKWAY
CENTURY PLAZA, SUITE 315
COLUMBIA, MD 21044
ATTN: MICHAEL McCALL
410-740-0029

PROFESSIONAL CERTIFICATION
I HEREBY CERTIFY THAT THESE PLANS 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. 14937
EXPIRATION DATE: MAY 21, 2016

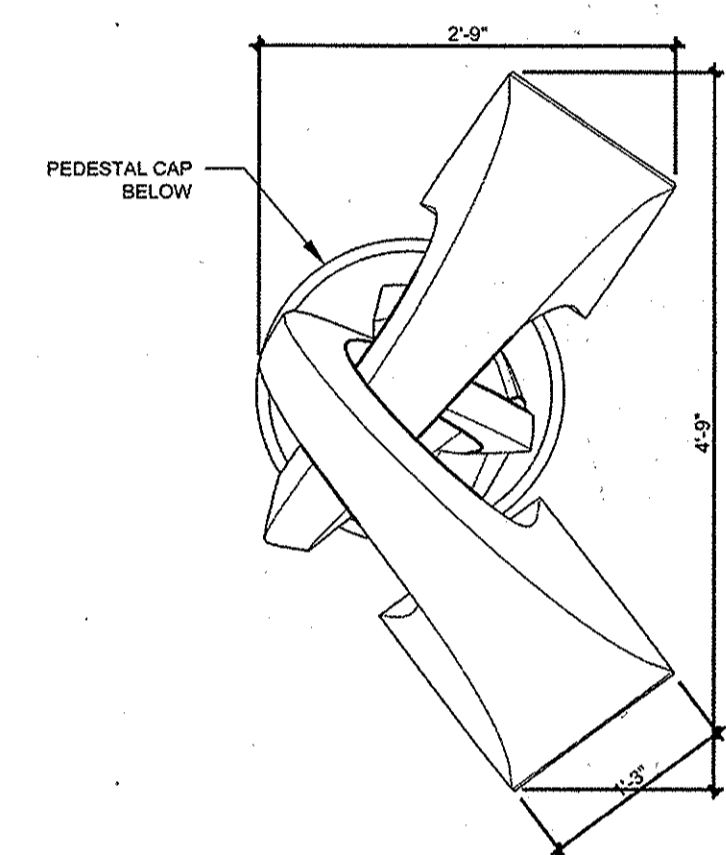
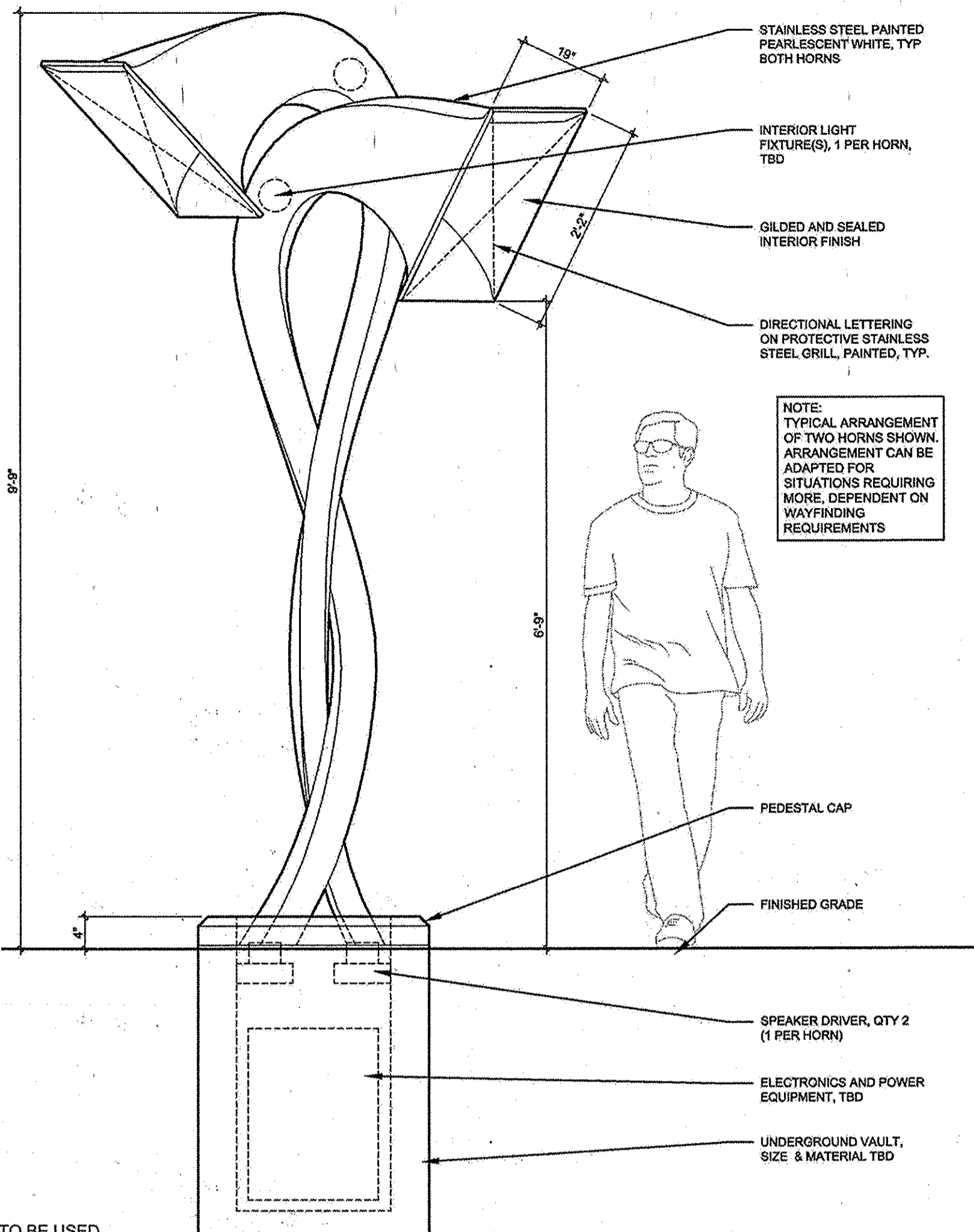
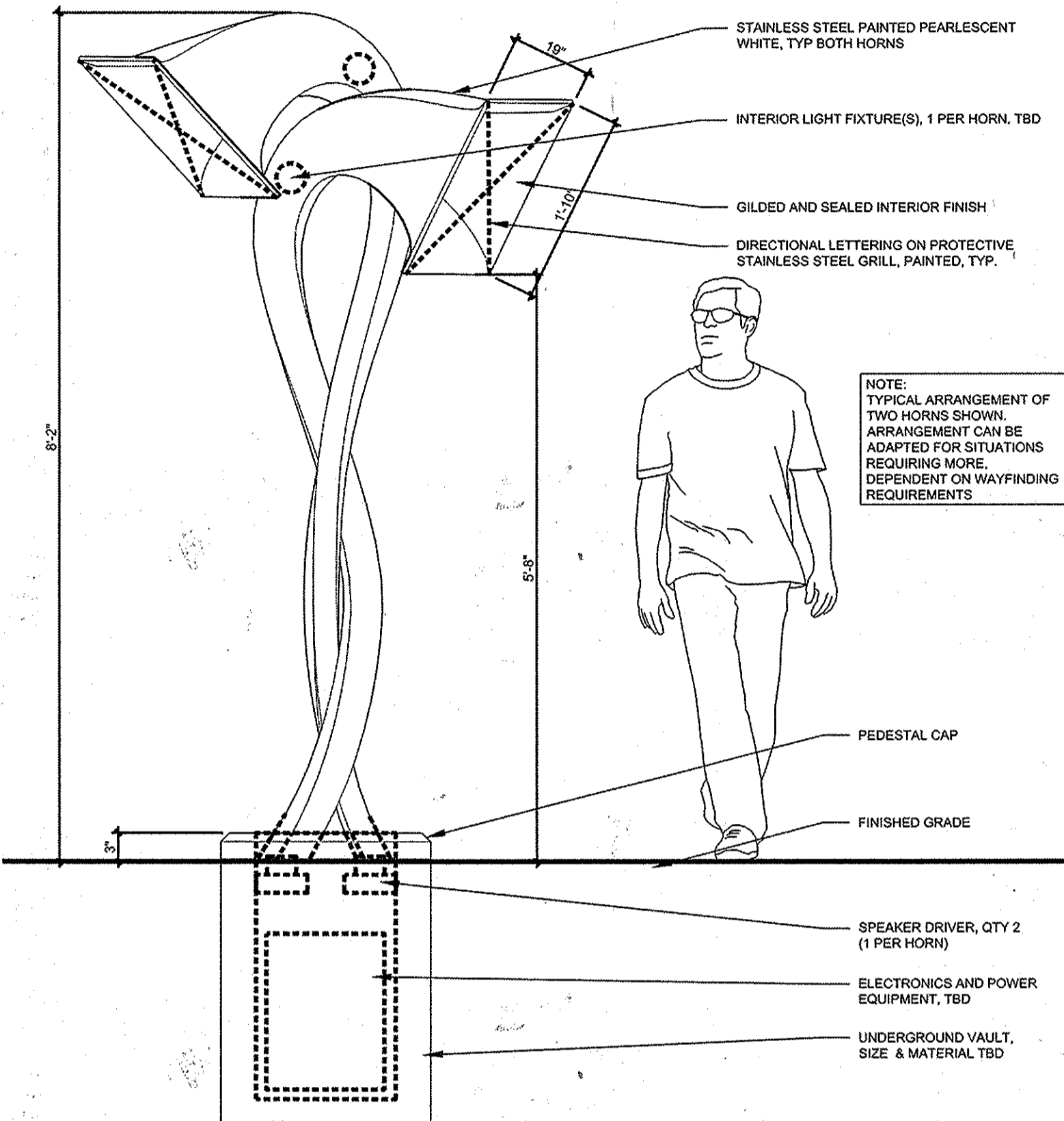
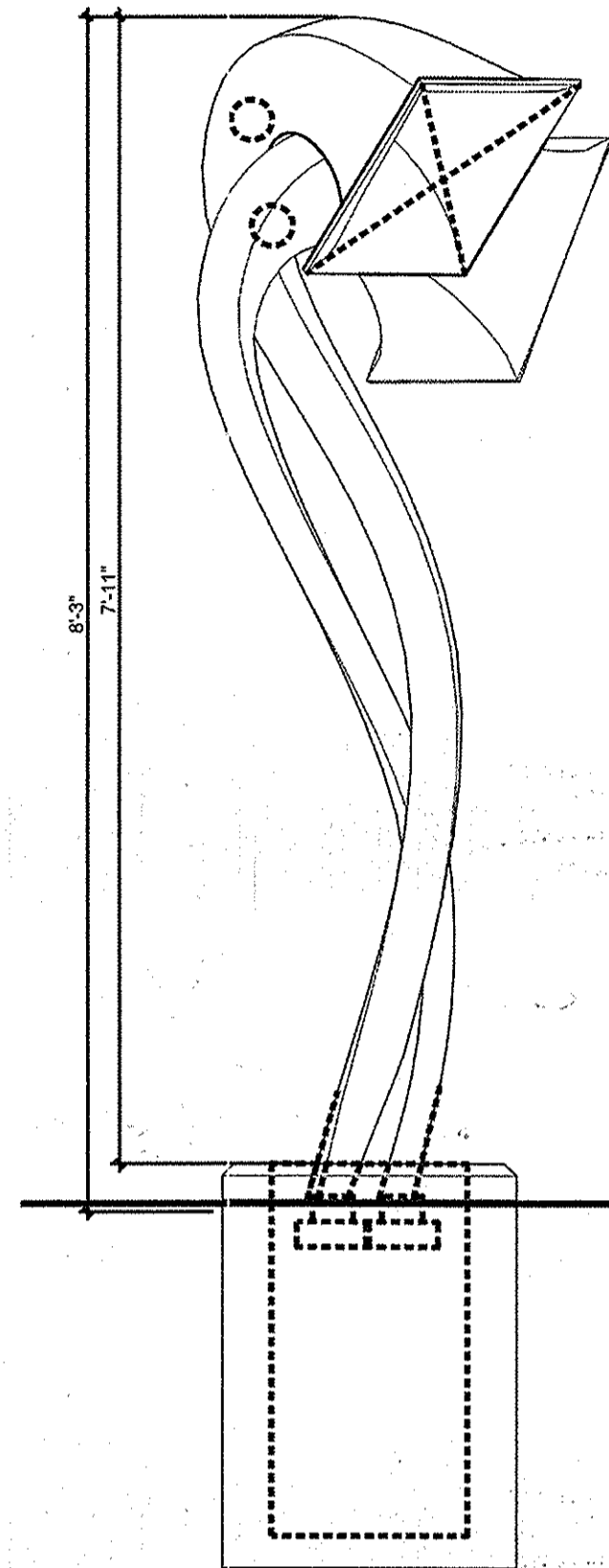


SOUTHWEST GATEWAY FEATURE
DOWNTOWN COLUMBIA
MERRIWEATHER-SYMPHONY WOODS NEIGHBORHOOD
MERRIWEATHER PARK at SYMPHONY WOODS PHASE 1 AND FUTURE PHASES 2-7
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ELECTION DISTRICT No. 5
HOWARD COUNTY, MARYLAND

PDXO SHEET 50.6 OF 59		
SCALE	ZONING	G. L. W. FILE No.
AS SHOWN	NT	13043
DATE	TAX MAP - GRID	SHEET
JUNE, 2015	36 - 01	75 OF 85

SDP 14-073

L:\VENDOR\BARRIS\10727\10727.dwg: 05/11/2015 10:36 AM PLOTTED BY: KAC



1 PATHFINDERS ELEVATIONS
1"=1'-0"

2 PATHFINDERS PLAN
1"=1'-0"

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING		APPROVED PLANNING BOARD OF HOWARD COUNTY	
Director	Date	Date:	
Chief, Division of Land Development	Date		
Chief, Development Engineering Division	Date		

Cochran Studio
Catalytic Public Art for American Downtowns
7192 Medowbrook Drive | Frederick, MD 21702 | 301-696-2639 | www.cochranstudio.com

DES. XXX	DRN. XXX	CHK. XXX	DATE	REVISION	BY	APPR.

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10630 LITTLE PATUXENT PARKWAY
CENTURY PLAZA, SUITE 315
COLUMBIA, MD 21044
ATTN: MICHAEL McCALL
410-740-0029

WAYFINDING FEATURES
DOWNTOWN COLUMBIA
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ELECTION DISTRICT No. 5
HOWARD COUNTY, MARYLAND

WAYFINDING FEATURES	LF407	
SCALE	ZONING	G. L. W. FILE No.
AS SHOWN	NT	13043
DATE	TAX MAP - GRID	SHEET
JUNE, 2015	36 - 01	76 OF 85

SDP 14-073

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING	
Director	Date
Chief, Division of Land Development	Date
Chief, Development Engineering Division	Date

APPROVED PLANNING BOARD OF HOWARD COUNTY	
Date:	
*See SDP 2 for Phasing & ADA! Req. Approvals for Phs 2-7	

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3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK
BURTONSVILLE, MARYLAND 20866
TEL: 301-421-4024 BAL: 410-860-1820 DC/VA: 301-989-2524 FAX: 301-421-4186

DES.	DRN.	CHK.	DATE	REVISION	BY	APPR.

PREPARED FOR & DEVELOPER:
INNER ARBOR TRUST
10630 LITTLE PATUXENT PARKWAY
CENTURY PLAZA, SUITE 315
COLUMBIA, MD 21044
ATTN: MICHAEL McCALL
410-740-0029

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I HEREBY CERTIFY THAT THESE PLANS 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. 19931
EXPIRATION DATE: MAY 21, 2016

WAYFINDING FEATURES
DOWNTOWN COLUMBIA
MERRIWEATHER-SYMPHONY WOODS NEIGHBORHOOD
MERRIWEATHER PARK AT SYMPHONY WOODS PHASE 1 AND FUTURE PHASES 2-7
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GREEN COMMERCIAL BUILDING
ELECTION DISTRICT No. 5
HOWARD COUNTY, MARYLAND

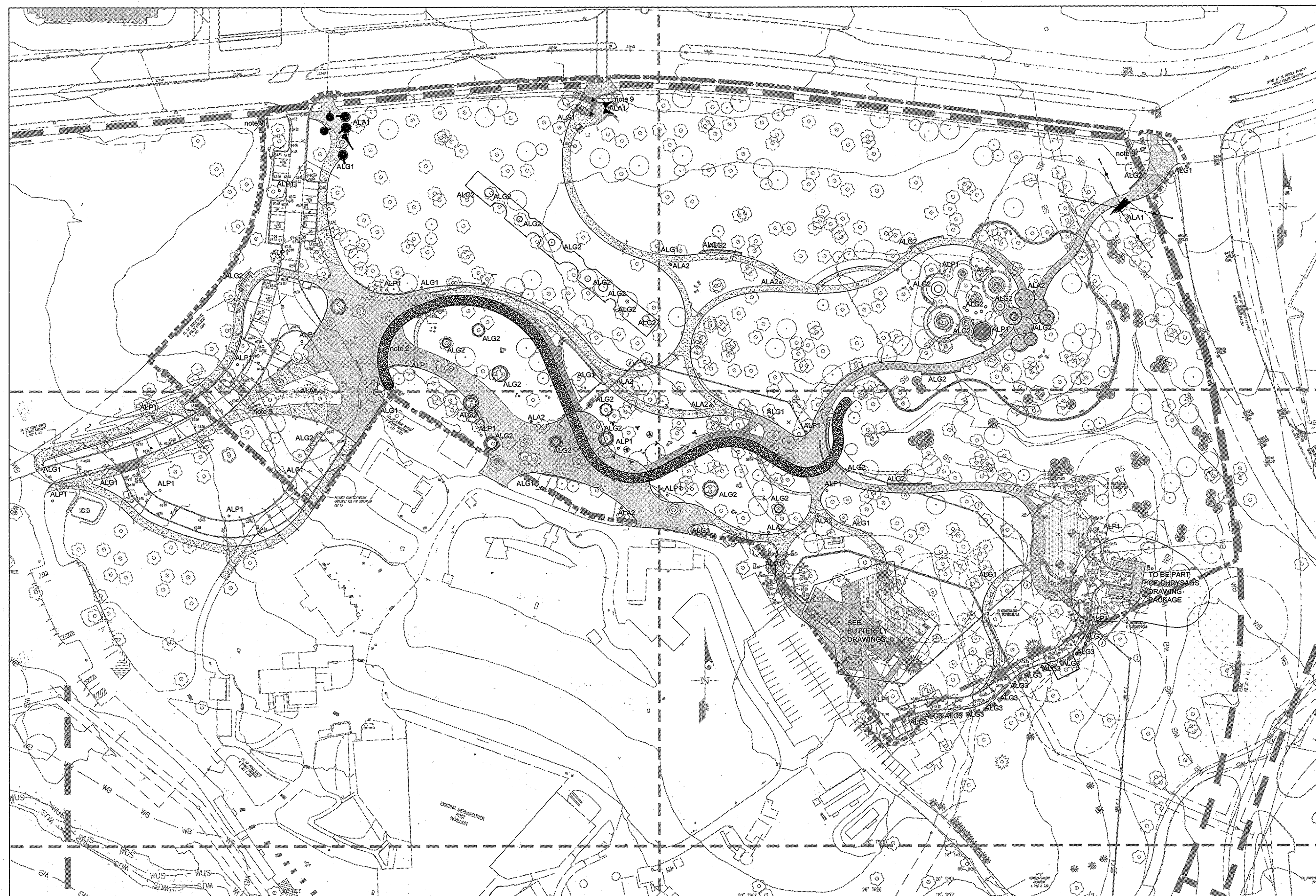
SCALE	ZONING	G. L. W. FILE No.
AS SHOWN	NT	13043
DATE	TAX MAP - GRID	SHEET
JUNE, 2015	36 - 01	76 OF 85

PDOX SHEET 50.7 OF 59

SDP 14-073

NOTES:

1. ALG1 TYPE IS SPACED EVERY 5 FEET ALONG PATHS AS INDICATED IN PLAN. REMOTE DRIVER REQUIRED, TO BE CONTAINED WITHIN A BURIAL IP68 ENCLOSURE.
2. CATERPILLAR LIGHTING: TYPES ALG2, ALG4, AND ALG5 LOCATED IN EACH OF THE CIRCLES AS SHOWN IN THE LANDSCAPE DRAWINGS. REMOTE DRIVERS AND CONTROLS TO RUN WITHIN THE CENTER OF THE CATERPILLAR BODY.
3. TYPE ALG2 IS LOCATED WITHIN A CONCEALED RECESS IN AREAS DESIGNATED IN PLAN. REMOTE DRIVER REQUIRED, PROVIDE CONTAINED WITHIN A BURIAL IP68 ENCLOSURE.
4. ALA1, ALA2 TYPES - ART LIGHTING TYPES TO BE INCORPORATED INTO HORN FORMS. POWER SUPPLY AND CONTROLS REQUIRED.
6. BUTTERFLY AND CHRYSALIS LIGHTING TO BE SHOWN ON ARCHITECTURAL AND ELECTRICAL DRAWING SETS.
7. ALP1 TYPES TO HOST 6-12 FIXTURES. POLES TO BE 30-55 FEET AS REQUIRED PER LOCATION.
8. ALT1 TYPE TO BE MOUNTED THROUGHOUT THE PARK, WITHIN TREES, CLUSTERED AROUND AREAS OF HIGHER ACTIVITY AND GATHERING. QUANTITY AS REQUIRED.
9. PROVIDE ALLOWANCE FOR LIGHTING TO BE INTEGRATED WITH SIGNAGE FEATURES.



OVERALL LIGHTING LAYOUT (ALL FIXTURES)

10363 Little Patuxent Parkway, Suite 315, Columbia, MD 21044
 410-740-0029
 77 Wicor Street, New York, New York 10005
 TEL: 212-850-3900 www.arup.com
 DATE: 6/18/2015 2:33 PM LAST SAVED: 6/18/2015 2:18 PM PLOTTED BY: Bob McManis
 © GLW 2014

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING Director: _____ Date: _____ Chief, Division of Land Development: _____ Date: _____ Chief, Development Engineering Division: _____ Date: _____	APPROVED: HOWARD COUNTY HEALTH DEPARTMENT FOR PUBLIC WATER AND SEWER SYSTEMS County Health Officer: _____ Date: _____	APPROVED: PLANNING BOARD OF HOWARD COUNTY Date: _____
--	--	--

ARUP 77 Wicor Street New York, New York 10005 TEL: 212-850-3900 www.arup.com		PREPARED FOR: INNER ARBOR TRUST 10630 LITTLE PATUXENT PARKWAY CENTURY PLAZA, SUITE 315 COLUMBIA, MD 21044 ATTN: MICHAEL MCCALL 410-740-0029	SCALE: 1"=XX' ZONING: NT G. L. W. FILE NO.: 13043 DATE: JUNE, 2015 TAX MAP - GRD: 36 - 01 SHEET: 77 OF 85
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SITE LIGHTING LAYOUT
DOWNTOWN COLUMBIA
 MERRIWEATHER-SYMPHONY WOODS NEIGHBORHOOD
 MERRIWEATHER PARK at SYMPHONY WOODS PHASE 1 AND FUTURE PHASES 2-7
 TOWN CENTER-SECTION I AREA 1
 PART OF OPEN SPACE LOT 23-PLAT NO. 22123 &
 PART OF OPEN SPACE LOT 9B-PLAT BOOK 15, PAGE 32
 GREEN COMMERCIAL BUILDING
 ELECTION DISTRICT No. 5 HOWARD COUNTY, MARYLAND

SDP 14-073

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING Director: <u>Walter J. Miller</u> Date: <u>9-8-15</u> Chief, Division of Land Development: <u>John S. Lee</u> Date: <u>8-24-15</u> Chief, Development Engineering Division: <u>[Signature]</u> Date: <u>8-25-15</u>	APPROVED: PLANNING BOARD OF HOWARD COUNTY Date: <u>10-20-2014</u>
--	--

THIS PLAN WILL BE SUPERCEDED BY CONSTRUCTION DOCUMENTS PREPARED BY ARUP FOR REVIEW AND APPROVAL BY DPZ. ONCE APPROVED, ARUP WILL SIGN AND SEAL THE ORIGINAL CONSTRUCTION DOCUMENTS TO REPLACE THIS SHEET IN THE SET OF SITE DEVELOPMENT PLANS. THE SEAL AND SIGNATURE BELOW IS FOR THE PURPOSES OF INCLUDING THIS PLAN IN THE SET OF SITE DEVELOPMENT PLANS.

GLWGUTSCHICK LITTLE & WEBER, P.A. CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS 3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK BURTONSVILLE, MARYLAND 20866 TEL: 301-421-4024 BAL: 410-583-1520 DC/WA: 301-583-2524 FAX: 301-421-4186	PREPARED FOR & DEVELOPER: INNER ARBOR TRUST 10630 LITTLE PATUXENT PARKWAY CENTURY PLAZA, SUITE 315 COLUMBIA, MD 21044 ATTN: MICHAEL MCCALL 410-740-0029	PROFESSIONAL CERTIFICATION I HEREBY CERTIFY THAT THESE PLANS 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. 14931 EXPIRATION DATE: MAY 21, 2016 	SCALE: AS SHOWN ZONING: NT G. L. W. FILE NO.: 13043 DATE: JUNE, 2015 TAX MAP - GRID: 36 - 01 SHEET: 77 OF 85
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APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING Director: _____ Date: _____ Chief, Division of Land Development: _____ Date: _____ Chief, Development Engineering Division: _____ Date: _____	APPROVED: PLANNING BOARD OF HOWARD COUNTY Date: _____	ELECTION DISTRICT No. 5 HOWARD COUNTY, MARYLAND
--	--	---

PDOX SHEET 51 OF 59
SCALE: AS SHOWN ZONING: NT G. L. W. FILE NO.: 13043 DATE: JUNE, 2015 TAX MAP - GRID: 36 - 01 SHEET: 77 OF 85

SDP 14-073

SITE LIGHTING

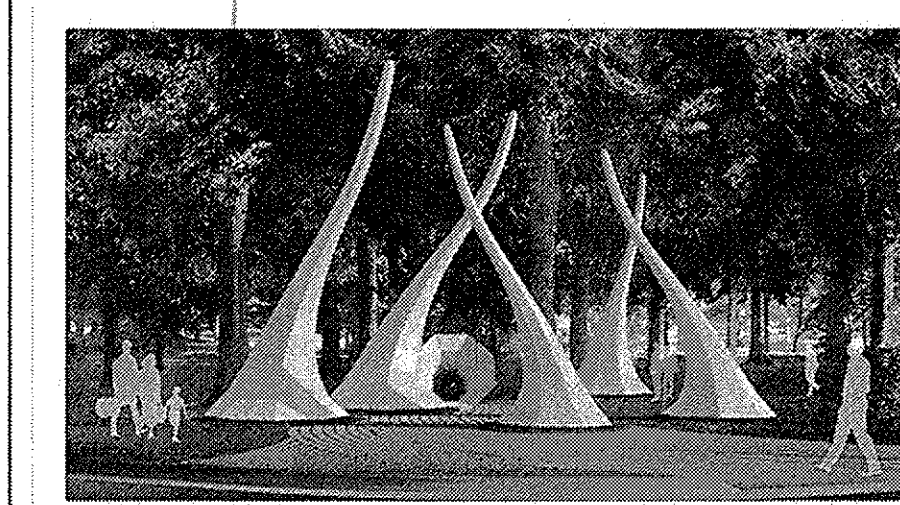
ILLUMINATION THROUGHOUT THE PARK WILL VARY BY PROGRAM, IN ACCORDANCE WITH THE RECOMMENDED LIGHT LEVELS SET FOR THE BY THE ILLUMINATION ENGINEERING SOCIETY OF NORTH AMERICA.

HIGH EFFICIENCY SOURCES WILL BE USED IN COMPLIANCE WITH THE ENERGY REQUIREMENTS.

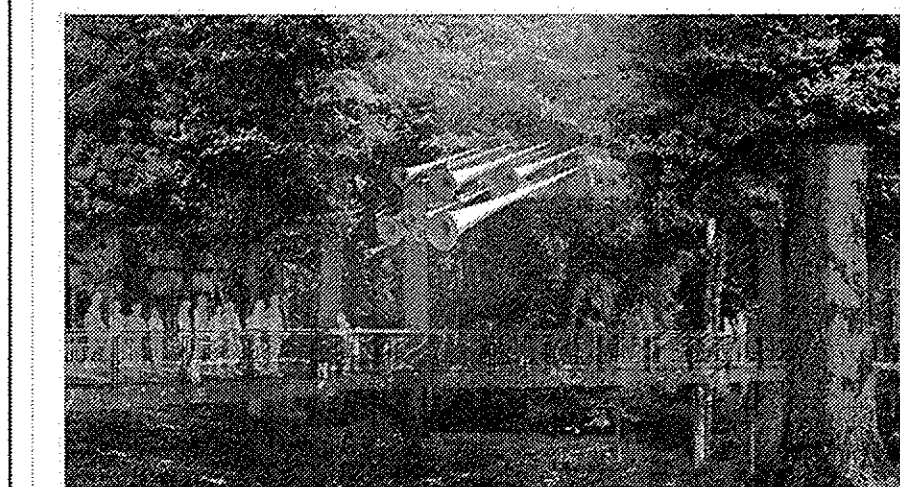
ILLUMINATION CRITERIA (IES RECOMMENDED LEVELS)

MERRIWEATHER PARK	HORIZONTAL ILLUMINANCE (LUX)	VERTICAL ILLUMINANCE (LUX)
SOFTSCAPE	0-5	0-2
PARK AREAS	1-10	0-3
PATHS	10	3
STEPS OR RAMPS	20	10
HIGHLIGHTED GARDENS	50	10
TREES OR SHRUBBERY, EMPHASIZED	50	10
SIGNAGE ALONG PATHWAYS	50	10
PLAYGROUNDS	50	10
SCULPTURAL ELEMENTS, EMPHASIZED	50	10
DROP OFF/DRIVING AREAS		
ROADWAYS, GENERAL	10	3
ROADWAYS, INTERSECTIONS	20	6
BIKEWAYS	10	5
BUILDINGS		
ENTRANCES (ACTIVE)	50	20
ENTRANCES (INACTIVE)	5	1
TERRACES, ROOF AREAS	10-50	1-5
FACADES	VARIABLE	VARIABLE

Manufacturer: TBD Lamp: TBD
 Catalog Number: TBD Ballast/Driver: TBD
 Accessories: TBD Fixture Rating: UL - Wet Location

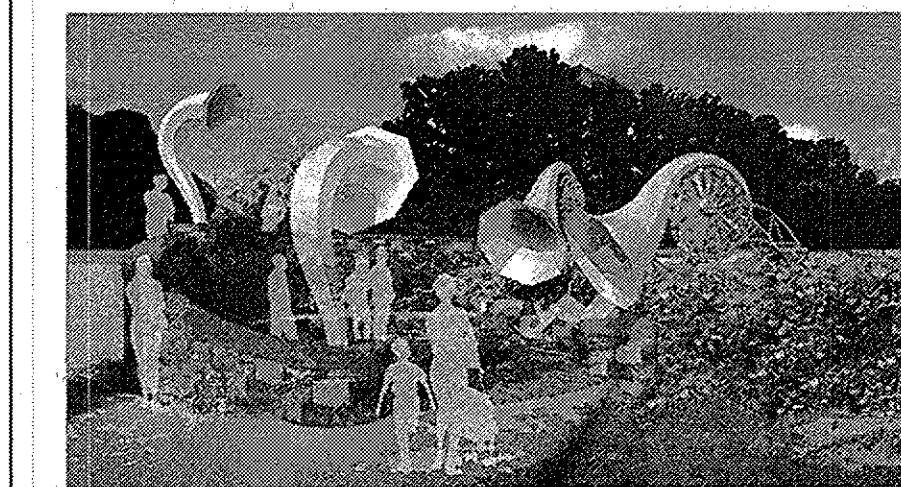
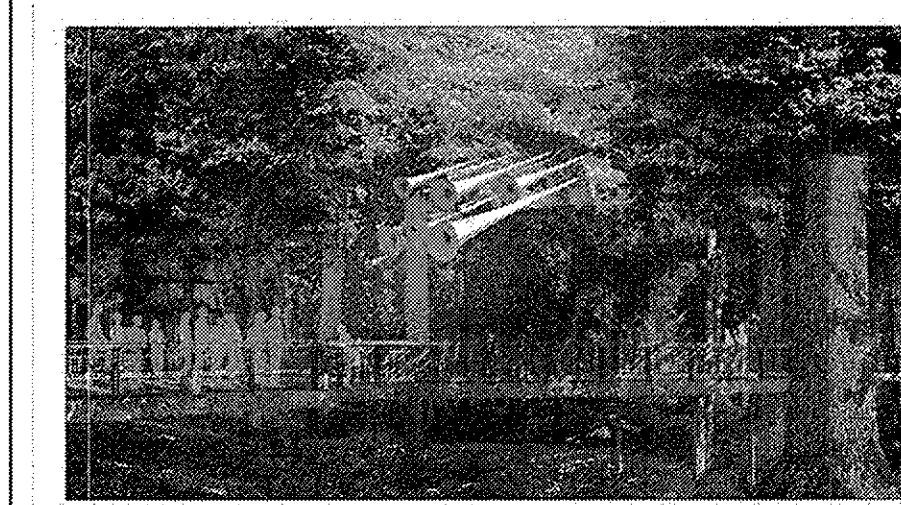


Notes:
 1. Provide adequate allowance for illumination and accent lighting of all art work pieces in the park.



Type: ALA1
 1 of 2

Manufacturer: TBD Lamp: TBD
 Catalog Number: TBD Ballast/Driver: TBD
 Accessories: TBD Fixture Rating: UL - Wet Location



Type: ALA1
 2 of 2

Manufacturer: TBD Lamp: TBD
 Catalog Number: TBD Ballast/Driver: TBD
 Accessories: TBD Fixture Rating: UL - Wet Location

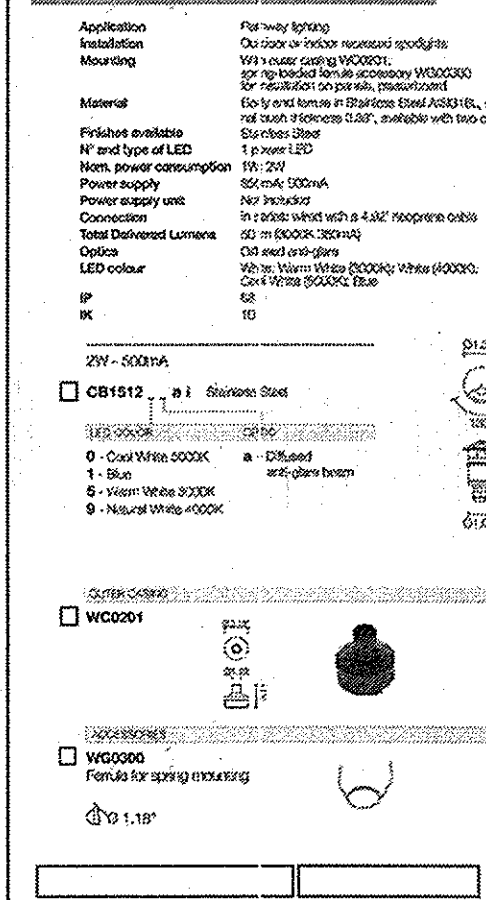


Notes:
 1. Provide adequate allowance for illumination and accent lighting of all art work pieces in the park.

Type: ALA2
 1 of 1

Manufacturer: Design Plan Lamp: (1) Max 2W LED(3000K, 80+ CRI)
 Catalog Number: CB1512-5-a-1 Ballast/Driver: CB1512-5-a-1
 Accessories: Fixture Rating: IP68

BRIGHT I.5

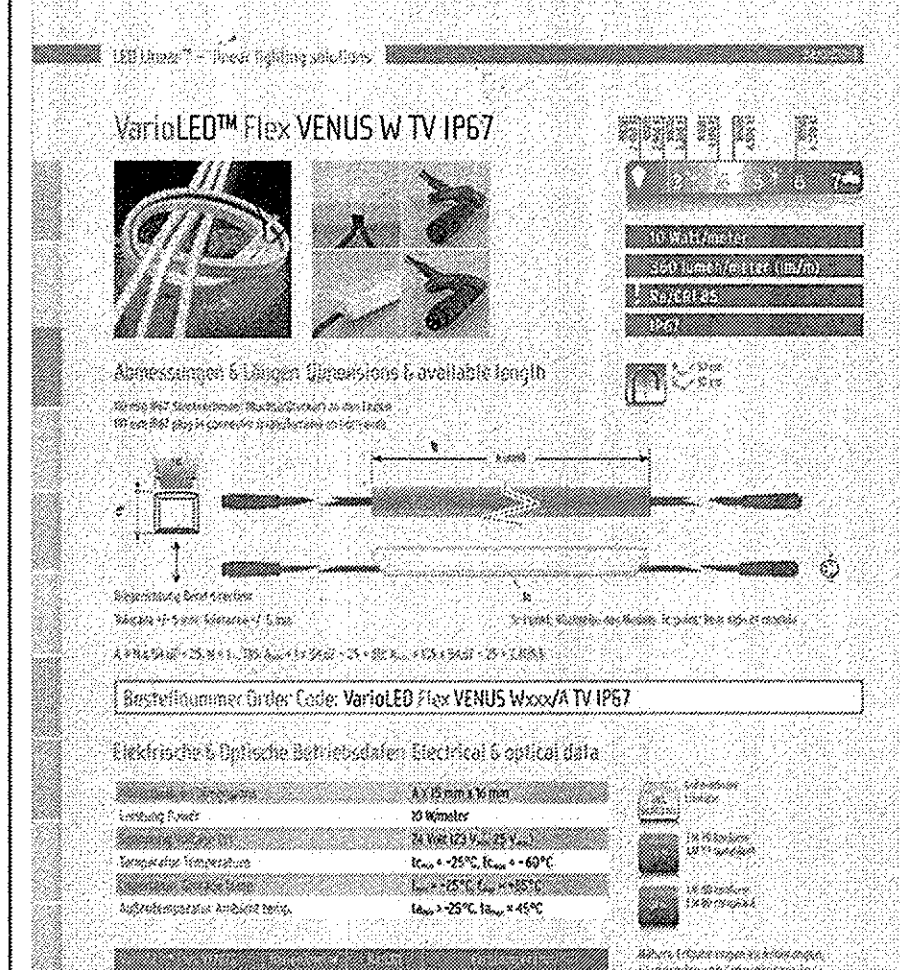


Notes:
 1. See drawing for details.

designplan
 79 Trenton Ave
 Frenchtown, NJ 08825
 Tel: 908-996-7710
 Fax: 908-996-7042

Type: ALG1
 1 of 1

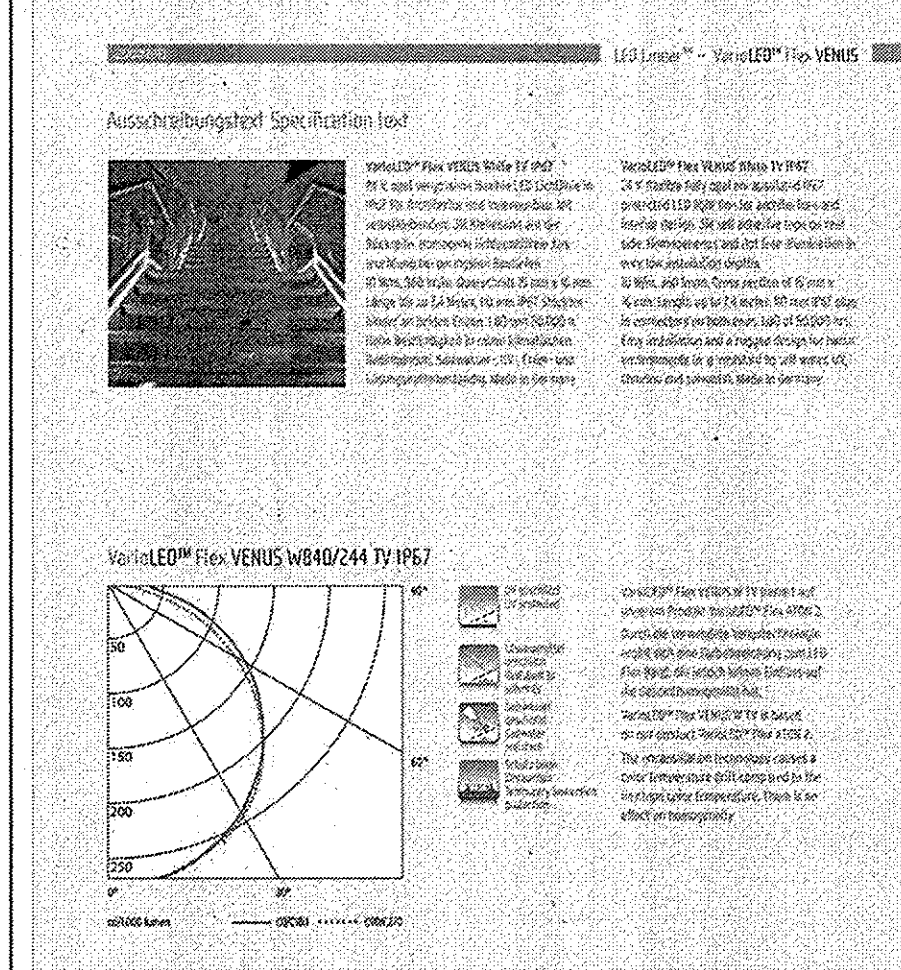
Manufacturer: LED Linear Lamp: Max 3.1W/R LED (3000K, 80+ CRI)
 Catalog Number: VariLED Flex Venus W83/W4 TV IP67 Ballast/Driver: 277V Digitally Addressable Dimmable
 Accessories: Fixture Rating: UL



Notes:
 1. See drawing for details.

Type: ALG2
 1 of 2

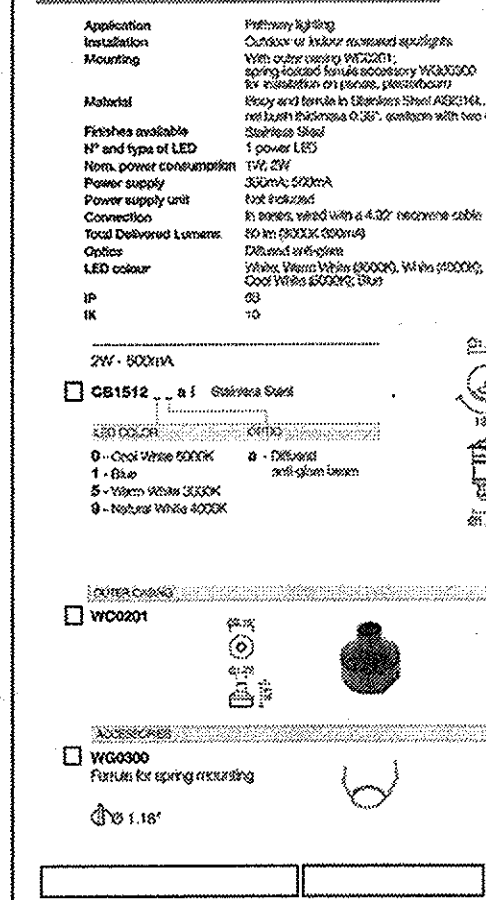
Manufacturer: LED Linear Lamp: Max 3.1W/R LED (3000K, 80+ CRI)
 Catalog Number: VariLED Flex Venus W83/W4 TV IP67 Ballast/Driver: 277V Digitally Addressable Dimmable
 Accessories: Fixture Rating: UL



Type: ALG2
 2 of 2

Manufacturer: Design Plan Lamp: (1) Max 2W LED(3000K, 80+ CRI)
 Catalog Number: CB1512-5-a-1 Ballast/Driver: CB1512-5-a-1
 Accessories: Fixture Rating: IP68

BRIGHT I.5



Notes:
 1. See drawing for details.

designplan
 79 Trenton Ave
 Frenchtown, NJ 08825
 Tel: 908-996-7710
 Fax: 908-996-7042

Type: ALG3
 1 of 1

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING
 Director: _____ Date: _____
 Chief, Division of Land Development: _____ Date: _____
 Chief, Development Engineering Division: _____ Date: _____

ARUP
 77 Water Street
 New York, New York 10025
 TEL: 212-904-3000 www.arup.com

DES. ARUP	DRN. RM	CHK. SD	DATE	REVISION	BY	APPR.

PREPARED FOR & DEVELOPER:
 INNER ARBOR TRUST
 10630 LITTLE PATUXENT PARKWAY
 CENTURY PLAZA, SUITE 315
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 410-740-0029

SITE LIGHTING SPECIFICATIONS
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 GREEN COMMERCIAL BUILDING
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SCALE	ZONING	G. L. W. FILE No.
NTS	NT	13043
DATE	TAX MAP - GRID	SHEET
JUNE, 2015	36 - 01	78 OF 85

SDP 14-073

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING
 Director: _____ Date: 9-8-15
 Chief, Division of Land Development: _____ Date: 9-02-15
 Chief, Development Engineering Division: _____ Date: 8-25-15

APPROVED
 PLANNING BOARD OF HOWARD COUNTY
 Date: November 20, 2014
 *See Sn 2 for Printing & Add'l
 Approvals Required for Pns 3-7

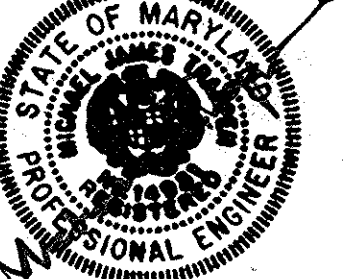
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DES.	DRN.	CHK.	DATE	REVISION	BY	APPR.

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 EXPIRATION DATE: MAY 21, 2016



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DATE	TAX MAP - GRID	SHEET
JUNE, 2015	36 - 01	78 OF 85

SDP 14-073

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 DATE: 6/15/2015 10:30 AM

Merrifweather Park Luminaire Specifications Page 16 of 26

lumenbeam™
COOL WHITE

SPECIFICATION SHEET

ACCESSORIES - continued from page 4
Order separately

Control Systems:
SD Line track is a wall-mount DMX 512 compatible
SD Line track is a 1/8" / min SD DMX 512 compatible
SD Line track is a 1/8" / min SD DMX 512 compatible
SD Line track is a 1/8" / min SD DMX 512 compatible
SD Line track is a 1/8" / min SD DMX 512 compatible

CBCK - V...
CBCK - V...
CBCK - V...

Type: **ALG5**
5 of 6

Merrifweather Park Luminaire Specifications Page 17 of 26

lumenbeam™
COOL WHITE

SPECIFICATION SHEET

HOW TO ORDER

LBX	Select	RGB	Select	Select	Select	Select	Select
1	2	3	4	5	6	7	8

1 Housing:
LBS - lumenbeam™ Slim

2 Voltage:
120-120 volts
208-208 volts
220/240-220 to 240 volts
277-277 volts

3 Colors and Color Temperature:
RGB - Address red, green and blue

4 Optic:
VN - Very Narrow 4°
NS - Narrow Spot 10°
NF - Narrow Flood 30°
FL - Flood 40°
WL - Wide Flood 60°

Optical Option:
LSM - Linear Spread Lens Horizontal Distribution
LSV - Linear Spread Lens Vertical Distribution
*Factory installed, available for 6" to 40" optics.
See Optical Accessories for best adjustable options list.

Finish:
S - Silver SandCast
BK - Black SandCast
WV - White
CC - Custom (please specify RAL color)

Mounting Option:
SK - Sella Mounting
RN - Recess Mounting
CM - Concrete Mounting

Optic:
CIC - Customized Coating

Type: **ALG5**
6 of 6

Merrifweather Park Luminaire Specifications Page 18 of 26

Manufacturer: Lumen Pulse
Catalog Number: LBS-4-RGB-FL-4-CC-SK-CRC
Accessories: Ballast/Driver: DMX
Fixture Rating: 1666

Notes:

Technilum™
Multi Projector Support Bouquets Model

Type: **ALP1**
1 of 6

Merrifweather Park Luminaire Specifications Page 19 of 26

Technilum™
Mobile Urban of Storage

Type: **ALP1**
2 of 6

Merrifweather Park Luminaire Specifications Page 20 of 26

lumenbeam™
COOL WHITE

SPECIFICATION SHEET

MOUNTING OPTIONS - continued from page 2

Type: **ALP1**
3 of 6

Merrifweather Park Luminaire Specifications Page 21 of 26

lumenbeam™
WARM WHITE COOL

SPECIFICATION SHEET

Client:
Project name:
Order #: _____
Type: _____ City: _____

FEATURES AND BENEFITS

Physical:
• Heat dissipates through high pressure diecast aluminum housing
• Steel knurled yoke (standard yoke included)
• Flexible and lightweight
• Flexible mounting options
• Clear tempered glass
• Dust resistant design for best maintenance and ease of installation
• Electrostatically coated primer powder coat finish
• 16.53 lb / 7.5 kg
• 8 1/4" tall x 7.75" sq. ft. / 0.26 sq. m. Size is 1.17" x 1.17" x 0.17 sq. m.
• 3000
• Customized options for marine environments
• Meets 25 ANSI C136.33 Vibration standard for bridge applications

References:
• Maximum IK 181.7 lux @ 333 feet (100m) distance @ 4000K, 6° optic
• 3000 lumens output per 3000K, available in most 6000K, 4° optic
• 40, 10°, 20°, 40° or 60° optic available
• 0.8 to 3.0
• Linear maintenance: 120,000 hrs L70 @ 50°C
• Available for indoor or outdoor use (see page 6)
• Lower maintenance comply with IEC 62321 standard
• Operating temperature: 50°C to 50°C (-10°F to 122°F)

Electrical:
• Line voltage luminaire for 120 to 277V
• Power cord with 1/2" cable, 30' in lead (16-0)
• 1/2" with
• Operating options: 0-10V, DMX, DALI, tunable, or LumenBeam™ tunable

Wiring detail:

WIRE COLOR / LED	GROUND
GREEN	NEGATIVE
WHITE	POSITIVE
RED	OR 120/200V
BLACK	OR 120/200V
BROWN	OR 120/200V
ORANGE	OR 120/200V

Type: **ALP1**
4 of 6

Merrifweather Park Luminaire Specifications Page 22 of 26

lumenbeam™
WARM WHITE COOL

SPECIFICATION SHEET

ACCESSORIES
Order separately

Optical Accessories:
LBS-4-UK - Small accessory. Please specify desired exterior finish:
*Interior surface: S - Silver SandCast
*Exterior surface: BK - Black SandCast
*Finish: WV - White
CC - Custom, please specify RAL color
LBS-4-WK - Small Wide accessory. Please specify desired exterior finish:
*Interior surface: S - Silver SandCast
*Exterior surface: BK - Black SandCast
*Finish: WV - White
CC - Custom, please specify RAL color
LBS-4-UK - Small accessory. Please specify desired exterior finish:
*Interior surface: S - Silver SandCast
*Exterior surface: BK - Black SandCast
*Finish: WV - White
CC - Custom, please specify RAL color
LBS-4-WK - Small Wide accessory. Please specify desired exterior finish:
*Interior surface: S - Silver SandCast
*Exterior surface: BK - Black SandCast
*Finish: WV - White
CC - Custom, please specify RAL color
LBS-4-UK - Small accessory. Please specify desired exterior finish:
*Interior surface: S - Silver SandCast
*Exterior surface: BK - Black SandCast
*Finish: WV - White
CC - Custom, please specify RAL color

Accessory combinations:

1	2	3	4	5	6
1	2	3	4	5	6

Type: **ALP1**
5 of 6

Merrifweather Park Luminaire Specifications Page 23 of 26

lumenbeam™
WARM WHITE COOL

SPECIFICATION SHEET

HOW TO ORDER

LBX	Select	RGB	Select	Select	Select	Select	Select
1	2	3	4	5	6	7	8

1 Housing:
LBS - lumenbeam™ Slim

2 Voltage:
120-120 volts
208-208 volts
220/240-220 to 240 volts
277-277 volts

3 Colors and Color Temperature:
RGB - Address red, green and blue

4 Optic:
VN - Very Narrow 4°
NS - Narrow Spot 10°
NF - Narrow Flood 30°
FL - Flood 40°
WL - Wide Flood 60°

Optical Option:
LSM - Linear Spread Lens Horizontal Distribution
LSV - Linear Spread Lens Vertical Distribution
*Factory installed, available for 6" to 40" optics. See Optical Accessories for best adjustable options list.

Finish:
S - Silver SandCast
BK - Black SandCast
WV - White
CC - Custom (please specify RAL color)

Dimming:
0-10V Dimming
10-90% Dimming
DALI Dimming
RDM Dimming
DMX Dimming
0-10V Dimming
10-90% Dimming
DALI Dimming
RDM Dimming
DMX Dimming

Optic:
CIC - Customized Coating

Type: **ALP1**
6 of 6

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING

APPROVED PLANNING BOARD OF HOWARD COUNTY

Director: _____ Date: _____

Chief, Division of Land Development: _____ Date: _____

Chief, Development Engineering Division: _____ Date: _____

ARUP

77 Water Street
New York, New York 10005
TEL: 212-859-3000 www.arup.com

PREPARED FOR & DEVELOPER:
INNER ARBOR TRUST
10630 LITTLE PATUXENT PARKWAY
CENTURY PLAZA, SUITE 315
COLUMBIA, MD 21044
ATTN: MICHAEL MCCALL
410-740-0029

SITE LIGHTING SPECIFICATIONS
DOWNTOWN COLUMBIA
MERRIWEATHER-PHONY WOODS NEIGHBORHOOD
MERRIWEATHER PARK AT SYMPHONY WOODS PHASE 1 AND FUTURE PHASES 2-7
TOWN CENTER-SECTION 1 AREA 1
PART OF OPEN SPACE LOT 23-PLAT NO. 22123 &
PART OF OPEN SPACE LOT 9B-PLAT BOOK 15, PAGE 32
GREEN COMMERCIAL BUILDING

SCALE: NTS
ZONING: NT
G. L. W. FILE NO.: 13043

DATE: JUNE, 2015
TAX MAP - GRID: 36 - 01
SHEET: 80 OF 85

ELECTION DISTRICT No. 5
HOWARD COUNTY, MARYLAND

SDP 14-073

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING

APPROVED PLANNING BOARD OF HOWARD COUNTY

Director: _____ Date: 9-8-15

Chief, Division of Land Development: _____ Date: 9-2-15

Chief, Development Engineering Division: _____ Date: 8-25-15

THIS PLAN WILL BE SUPERCEDED BY CONSTRUCTION DOCUMENTS PREPARED BY ARUP FOR REVIEW AND APPROVAL BY DPZ. ONCE APPROVED, ARUP WILL SIGN AND SEAL THE ORIGINAL CONSTRUCTION DOCUMENTS TO REPLACE THIS SHEET IN THE SET OF SITE DEVELOPMENT PLANS. THE SEAL AND SIGNATURE BELOW IS FOR THE PURPOSES OF INCLUDING THIS PLAN IN THE SET OF SITE DEVELOPMENT PLANS.

PREPARED FOR & DEVELOPER:
INNER ARBOR TRUST
10630 LITTLE PATUXENT PARKWAY
CENTURY PLAZA, SUITE 315
COLUMBIA, MD 21044
ATTN: MICHAEL MCCALL
410-740-0029

PROFESSIONAL CERTIFICATION

I HEREBY CERTIFY THAT THESE PLANS 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. 15851
EXPIRATION DATE: MAY 21, 2016

SITE LIGHTING SPECIFICATIONS
DOWNTOWN COLUMBIA
MERRIWEATHER-PHONY WOODS NEIGHBORHOOD
MERRIWEATHER PARK AT SYMPHONY WOODS PHASE 1 AND FUTURE PHASES 2-7
TOWN CENTER-SECTION 1 AREA 1
PART OF OPEN SPACE LOT 23-PLAT NO. 18355 &
PART OF OPEN SPACE LOT 9B-PLAT BOOK 15, PAGE 32
GREEN COMMERCIAL BUILDING

SCALE: AS SHOWN
ZONING: NT
G. L. W. FILE NO.: 13043

DATE: JUNE, 2015
TAX MAP - GRID: 36 - 01
SHEET: 80 OF 85

ELECTION DISTRICT No. 5
HOWARD COUNTY, MARYLAND

SDP 14-073

Merrweather Park Luminaire Specifications Page 24 of 26

Manufacturer: B-K Lighting Lamp: 8.4W LED (3000K,80+CRI)
 Catalog Number: RM-LED-C22-WFL-A9-RAL-12-11-E Ballast/Driver: IP66
 Accessories: Soft Focus Lens + Honeycomb Baffle Fixture Rating:

RING MOUNT DELTA STAR™

CATALOG NUMBER LOGIC

Example: RM-LED-C22-WFL-A9-RAL-12-11-E

Material: 1 - Aluminum
 2 - Polycarbonate

Series: Ring Mount Delta Star™

Notes:

DRIVER DATA

Model	Input Voltage (V)	Power (W)	Current (A)	Frequency (Hz)
8.4W	120V	8.4	0.07	60
8.4W	277V	8.4	0.03	60
8.4W	347V	8.4	0.02	60
8.4W	480V	8.4	0.01	60
8.4W	575V	8.4	0.01	60

OPTICAL DATA

Model	Beam Angle (°)	Beam Diameter (mm)	Beam Diameter (in)	Beam Depth (mm)	Beam Depth (in)
8.4W	120	100	4	100	4
8.4W	120	150	6	150	6
8.4W	120	200	8	200	8
8.4W	120	250	10	250	10
8.4W	120	300	12	300	12

B-K LIGHTING

Type: **ALT1**
1 of 2

Merrweather Park Luminaire Specifications Page 25 of 26

RING MOUNT DELTA STAR™

INSTALLATION

Mounting Options

Specifications

B-K LIGHTING

Type: **ALT1**
2 of 2

Merrweather Park Luminaire Specifications Page 26 of 26

END OF SECTION

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING

Director: _____ Date: _____

Chief, Division of Land Development: _____ Date: _____

Chief, Development Engineering Division: _____ Date: _____

APPROVED
PLANNING BOARD OF HOWARD COUNTY

Date: _____

ARUP

77 Water Street
New York, New York 10025
TEL: 212-896-3000 www.arup.com

NO.	DATE	REVISION	BY	APPR.

PREPARED FOR & DEVELOPER:

INNER ARBOR TRUST
10630 LITTLE PATUXENT PARKWAY
CENTURY PLAZA, SUITE 315
COLUMBIA, MD 21044
ATTN: MICHAEL McCALL
410-740-0029

SITE LIGHTING SPECIFICATIONS

DOWNTOWN COLUMBIA
MERRIWEATHER-SYMPHONY WOODS NEIGHBORHOOD
MERRIWEATHER PARK AT SYMPHONY WOODS PHASE 1 AND FUTURE PHASES 2-7
TOWN CENTER-SECTION 1 AREA 1
PART OF OPEN SPACE LOT 23-FLAT NO. 23123 &
PART OF OPEN SPACE LOT 9B-FLAT BOOK 15, PAGE 32
GREEN COMMERCIAL BUILDING

ELECTION DISTRICT No. 5

SCALE	ZONING	G. L. W. FILE No.
AS SHOWN	NT	13043
DATE	TAX MAP - GRID	SHEET
JUNE, 2015	36 - 01	81 OF 85

SDP 14-073

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING

Director: _____ Date: 9-9-16

Chief, Division of Land Development: _____ Date: 9-02-15

Chief, Development Engineering Division: _____ Date: 8-25-15

APPROVED
PLANNING BOARD OF HOWARD COUNTY

Date: November 20, 2014

* See Sheet 2 for Crossing & Right of Way Approvals for Phs 3-7

THIS PLAN WILL BE SUPERCEDED BY CONSTRUCTION DOCUMENTS PREPARED BY ARUP FOR REVIEW AND APPROVAL BY DPZ. ONCE APPROVED, ARUP WILL SIGN AND SEAL THE ORIGINAL CONSTRUCTION DOCUMENTS TO REPLACE THIS SHEET IN THE SET OF SITE DEVELOPMENT PLANS. THE SEAL AND SIGNATURE BELOW IS FOR THE PURPOSES OF INCLUDING THIS PLAN IN THE SET OF SITE DEVELOPMENT PLANS.

GLWGUTSCHICK LITTLE & WEBER, P.A.

CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS

3809 NATIONAL DRIVE - SUITE 200 - BURTONSVILLE OFFICE PARK
BURTONSVILLE, MARYLAND 20886

TEL: 301-421-4024 BAL: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4186

NO.	DATE	REVISION	BY	APPR.

PREPARED FOR & DEVELOPER:

INNER ARBOR TRUST
10630 LITTLE PATUXENT PARKWAY
CENTURY PLAZA, SUITE 315
COLUMBIA, MD 21044
ATTN: MICHAEL McCALL
410-740-0029

PROFESSIONAL CERTIFICATION

I HEREBY CERTIFY THAT THESE PLANS 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. 14931

EXPIRATION DATE: MAY 21, 2016



SITE LIGHTING SPECIFICATIONS

DOWNTOWN COLUMBIA
MERRIWEATHER-SYMPHONY WOODS NEIGHBORHOOD
MERRIWEATHER PARK AT SYMPHONY WOODS PHASE 1 AND FUTURE PHASES 2-7
TOWN CENTER-SECTION 1 AREA 1
PART OF OPEN SPACE LOT 23-FLAT NO. 13535 &
PART OF OPEN SPACE LOT 9B-FLAT BOOK 15, PAGE 32
GREEN COMMERCIAL BUILDING

ELECTION DISTRICT No. 5

SCALE	ZONING	G. L. W. FILE No.
AS SHOWN	NT	13043
DATE	TAX MAP - GRID	SHEET
JUNE, 2015	36 - 01	81 OF 85

SDP 14-073

L:\VAPOR\2015\01757\10757\10757.dwg (Submitted by: M. Webb) (DP: M. Webb) (Date: 9/9/16) (Scale: 1/8"=1'-0") (Sheet: 81 OF 85) (Project: MERRIWEATHER PARK AT SYMPHONY WOODS PHASE 1 AND FUTURE PHASES 2-7) (Client: INNER ARBOR TRUST)

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY SPECIFICATIONS AND DETAILS FOR CONSTRUCTION PLUS MSHA STANDARDS AND SPECIFICATIONS, IF APPLICABLE.
- THE CONTRACTOR SHALL NOTIFY THE OWNER AT (410) 313-1880 AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE START OF WORK.
- THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK BEING DONE.
- THE SUBJECT PROPERTY IS ZONED NT PER THE 2/2/04 COMPREHENSIVE ZONING PLAN AND PER THE "COMP LITE" ZONING REGULATION AMENDMENTS EFFECTIVE 7/28/06.
- NO GRADING, REMOVAL OF VEGETATIVE COVER OR TREES, PAVING OR NEW STRUCTURES SHALL BE PERMITTED WITHIN WETLANDS, STREAMS, WETLAND OR STREAM BUFFERS, 100-YEAR FLOODPLAIN, OR FOREST CONSERVATION EASEMENTS UNLESS APPROVED BY THE DEPARTMENT OF PLANNING AND ZONING.
- THIS PROJECT IS EXEMPT FROM THE REQUIREMENTS OF SECTION 16.1200 OF THE HOWARD COUNTY CODE FOR FOREST CONSERVATION PER SECTION 16.1202(G)(1)(V) AS IT IS WITHIN A PLANNED UNIT DEVELOPMENT WITH PRELIMINARY DEVELOPMENT PLAN APPROVAL AND 50% OR MORE OF THE LAND WAS RECORDED AND WAS SUBSTANTIALLY DEVELOPED BEFORE DECEMBER 31, 1992.
- THE COORDINATES SHOWN HEREON ARE BASED UPON THE MARYLAND COORDINATE SYSTEM (NAD83/91). THE ELEVATIONS SHOWN ARE REFERRED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

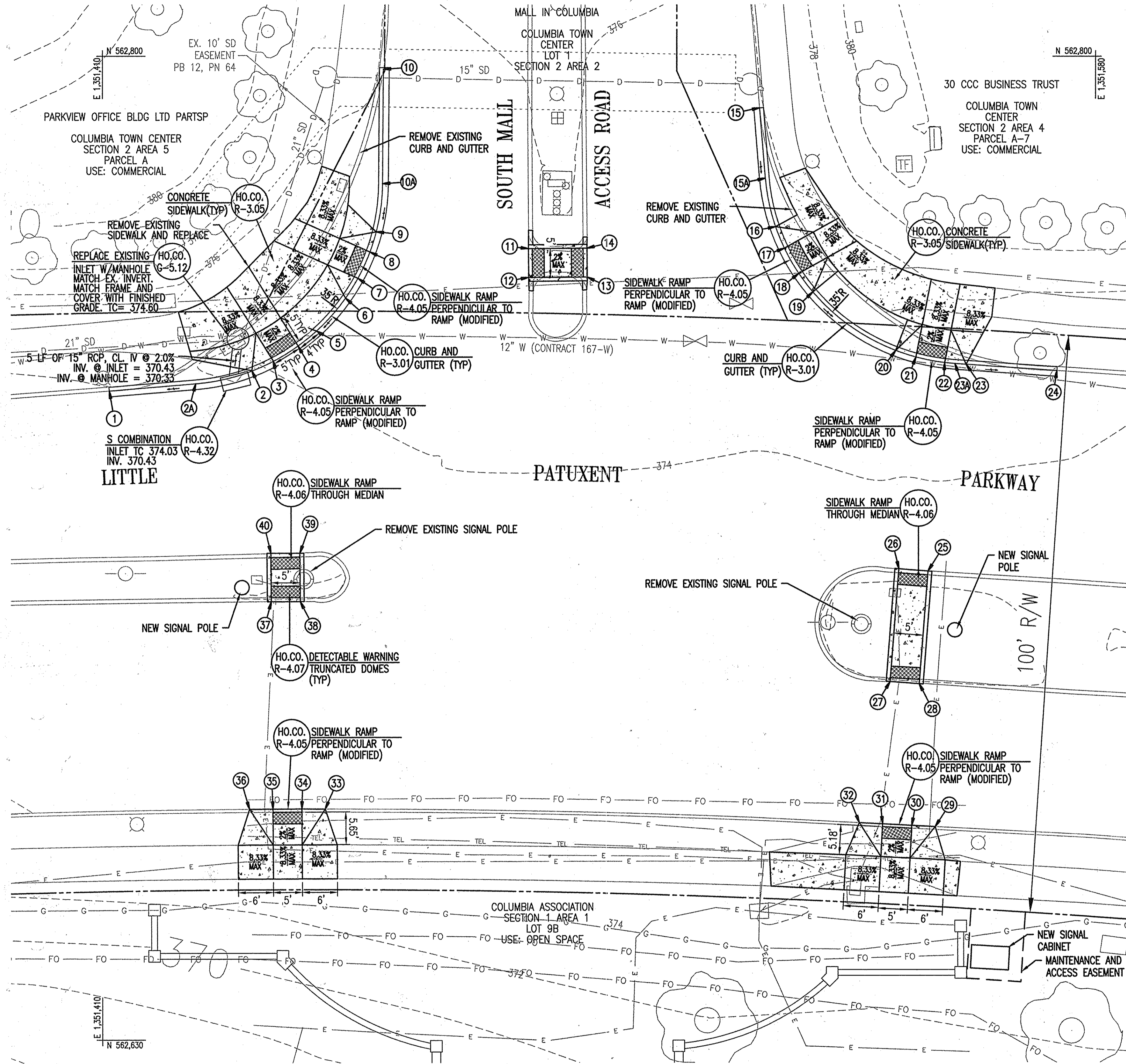
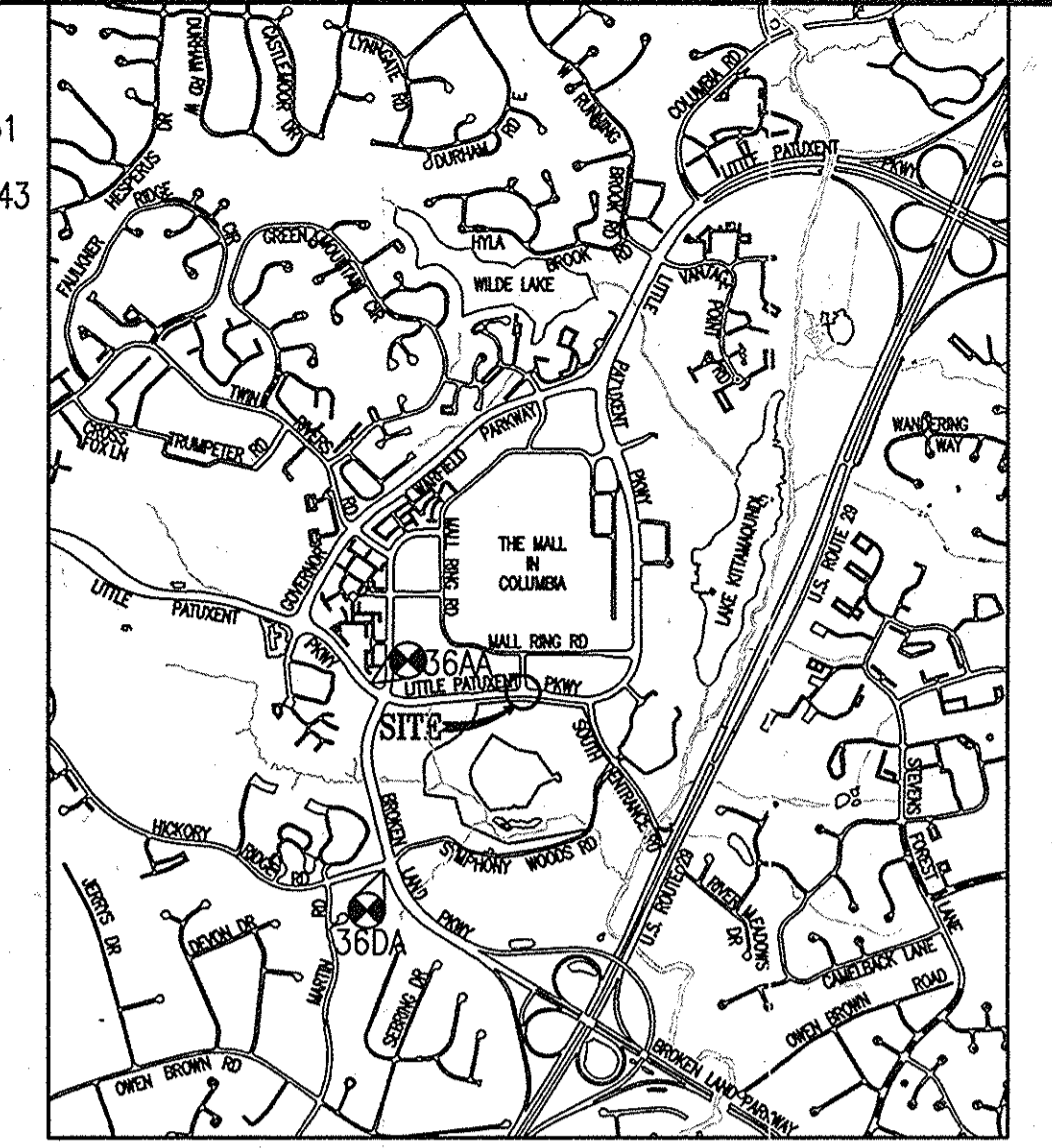
HOWARD COUNTY MONUMENTS USED FOR THIS PROJECT:
36AA: N 562,804.8537, E 1,349,906.1701, ELEV. 359.151
36DA: N 560,849.3491, E 1,350,037.4422, ELEV. 363.643
- TOPOGRAPHICAL FIELD SURVEYS OF THE SITE WERE PERFORMED BY NJR & ASSOCIATES (240-508-3200) IN JANUARY 2012. ADDITIONAL UTILITY INFORMATION WAS PROVIDED BY HOWARD COUNTY RECORDS AND MAY NOT REFLECT CURRENT CONDITIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY CURRENT TOPOGRAPHIC AND UTILITY INFORMATION.
- APPROXIMATE LOCATION AND INVERTS OF EXISTING UTILITIES ARE SHOWN. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE EXISTING UTILITIES AND TO MAINTAIN AN UNINTERRUPTED SERVICE. THE CONTRACTOR IS ULTIMATELY RESPONSIBLE FOR THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITIES BY TEST PIT OR OTHER MEANS OF INVESTIGATION APPROVED BY THE OWNER WELL IN ADVANCE OF CONSTRUCTION. ANY DAMAGE BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE.
- ALL TRAFFIC SIGNS AND PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH THE LATEST VERSION OF MSHA'S MARYLAND MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). ALL TRAFFIC SIGNS SHALL CONFORM TO THE LATEST VERSION OF MSHA'S STANDARD SIGN BOOK.
- LETTERS SHALL BE OBTAINED PRIOR TO GRADING PERMIT APPROVAL FROM ADJACENT PROPERTY OWNERS AUTHORIZING OFF-SITE ACTIVITIES.
- ALL COORDINATES AND ELEVATIONS ALONG THE CURB ARE AT THE BASE OF THE CURB, ALONG THE FLOW LINE.
- ALL CURB RAMPS SHALL BE FLUSH ALONG THE FLOW LINE OF THE CURB AND HAVE NO LIP.
- ALL TRENCHES CREATED FOR UTILITY INSTALLATION SHALL BE BACKFILLED, COMPACTED AND STABILIZED AT THE END OF EACH WORKING DAY. EXCAVATED TRENCH MATERIAL SHALL BE PLACED ON THE HIGH SIDE OF THE TRENCH. TRENCH SHALL NOT BE OPENED IF IT CANNOT BE STABILIZED THE SAME DAY. IF AN AREA MUST BE LEFT UNSTABILIZED OVERNIGHT, SILT FENCE WILL BE PLACED IMMEDIATELY DOWNSTREAM OF ALL DISTURBED AREAS AND STOCKPILED, AND APPROPRIATE SAFETY MEASURES WILL BE INSTALLED AS REQUIRED.
- STABILIZE ALL DISTURBED AREAS WITH PERMANENT SEED MIX AND MULCH.
- WHERE NEW CURB IS TO BE BUILT OVER EXISTING PAVEMENT, SAWCUT EXISTING PAVEMENT 2 FEET BEYOND PROPOSED WORK AND REMOVE. PLACE NEW HOT MIX ASPHALT PAVEMENT TO MATCH EXISTING SECTION.
- LIMIT OF DISTURBANCE IS APPROXIMATELY 3,500 SF.

LEGEND

- PROPERTY LINE
- ☒ FIRE HYDRANT
- ☒ LIGHT POLE
- ☒ TELE/CABLE PEDESTAL
- ☒ ROAD SIGN
- ☒ ELECTRIC TRANSFORMER
- ☒ ELECTRIC SIGNAL CONTROL BOX
- ☒ CONTROL BOX/ELEC. JUNCT. BOX
- WATER LINE
- ELECTRIC LINE
- STORM DRAIN
- GAS
- FIBER OPTIC
- EXISTING CURB AND GUTTER
- CONCRETE CURB AND GUTTER
- CONCRETE PAVEMENT

BENCHMARK DATA

36AA: N 562,804.8537, E 1,349,906.1701 ELEV. 359.151
36DA: N 560,849.3491, E 1,350,037.4422, ELEV. 363.643



CURB/RAMP LOCATIONS

POINT	NORTHING	EASTING	TC ELEV.	FLOWLINE ELEV.	DESCRIPTION
1	562742.12	1351411.15	374.34	373.74	MATCH EX. CURB
2A	562743.39	1351425.98	374.56	373.96	PC
2	562745.67	1351435.58	374.72	374.12	RAMP
3	562747.32	1351439.26	374.23	374.22	FLUSH CURB
4	562749.92	1351443.53	374.36	374.35	FLUSH CURB
5	562752.50	1351446.68	375.05	374.45	RAMP
6	562758.18	1351451.66	375.28	374.68	RAMP
7	562761.61	1351453.78	374.75	374.74	FLUSH CURB
8	562766.17	1351455.84	374.86	374.85	FLUSH CURB
9	562769.66	1351456.92	375.56	374.96	RAMP
10A	562778.02	1351457.99	375.77	375.17	PT
10	562797.77	1351458.13	376.27	375.67	MATCH EX. CURB
11	562766.72	1351482.99	375.61	375.01	MATCH EX. CURB
12	562761.72	1351483.00	375.54	374.94	MATCH EX. CURB
13	562761.79	1351493.02	375.58	374.98	MATCH EX. CURB
14	562766.79	1351492.96	375.65	375.05	MATCH EX. CURB
15	562791.06	1351522.53	375.02	374.42	MATCH EX. CURB
15A	562778.90	1351523.51	375.85	375.25	PC
16	562770.49	1351525.25	375.72	375.12	RAMP
17	562766.75	1351526.76	375.10	375.09	FLUSH CURB
18	562762.42	1351529.25	375.03	375.02	FLUSH CURB
19	562759.17	1351531.64	375.57	374.97	RAMP
20	562749.07	1351545.80	375.34	374.74	RAMP
21	562747.94	1351549.28	374.70	374.69	FLUSH CURB
22	562746.98	1351554.19	374.63	374.62	FLUSH CURB
23A	562746.81	1351555.95	375.20	374.60	PT
23	562746.88	1351557.85	375.18	374.58	RAMP
24	562745.59	1351573.39	374.97	374.37	MATCH EX. CURB
25	562710.88	1351551.33	374.14	373.54	FLUSH CURB
26	562711.27	1351546.35	374.14	373.54	FLUSH CURB
27	562691.72	1351544.83	374.40	373.80	FLUSH CURB
28	562691.34	1351549.82	374.36	373.76	FLUSH CURB
29	562666.71	1351552.53	373.62	373.02	RAMP/MATCH EX. CURB
30	562666.92	1351548.53	373.06	373.05	FLUSH CURB
31	562667.18	1351543.54	373.10	373.09	FLUSH CURB
32	562667.40	1351539.55	373.72	373.12	RAMP/MATCH EX. CURB
33	562669.88	1351448.16	373.43	372.83	RAMP/MATCH EX. CURB
34	562669.90	1351444.16	372.81	372.80	FLUSH CURB
35	562669.86	1351439.16	372.72	372.71	FLUSH CURB
36	562669.84	1351435.16	373.24	372.64	RAMP/MATCH EX. CURB
37	562705.66	1351436.91	374.20	373.60	FLUSH CURB
38	562705.74	1351443.91	374.25	373.65	FLUSH CURB
39	562714.07	1351443.85	374.01	373.41	FLUSH CURB
40	562714.04	1351438.85	373.96	373.36	FLUSH CURB

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING
 Director: *[Signature]* Date: 9-8-15
 Chief, Division of Land Development: *[Signature]* Date: 9-02-15
 Chief, Development Engineering Division: *[Signature]* Date: 8-25-15

APPROVED
 PLANNING BOARD OF HOWARD COUNTY
 Date: November 20, 2014
 *See SA 2 for Planning Board
 *See SA 2 for Planning Board
 *Required Approvals for Pts. 3-7

SITE PLAN

1" = 10'

Redline is Required for Phase 4
 Redline is Required for Phase 4
 Redline is Required for Phase 4

PREPARED BY:
 WHITMAN, REQUARDT & ASSOCIATES, LLP
 801 South Caroline Street, Baltimore, MD 21231
WR&A

PREPARED FOR & DEVELOPER:
 INNER ARBOR TRUST
 10630 LITTLE PATUXENT PARKWAY
 CENTURY PLAZA, SUITE 315
 COLUMBIA, MD 21044
 ATTN: MICHAEL McCALL
 410-740-0029

PROFESSIONAL CERTIFICATION
 I HEREBY CERTIFY THAT THESE PLANS 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. 19376
 EXPIRATION DATE: 3/27/2015

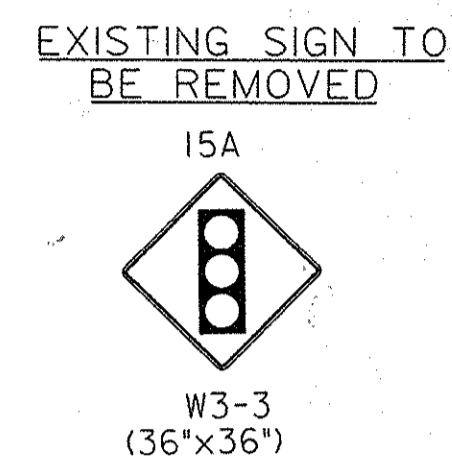
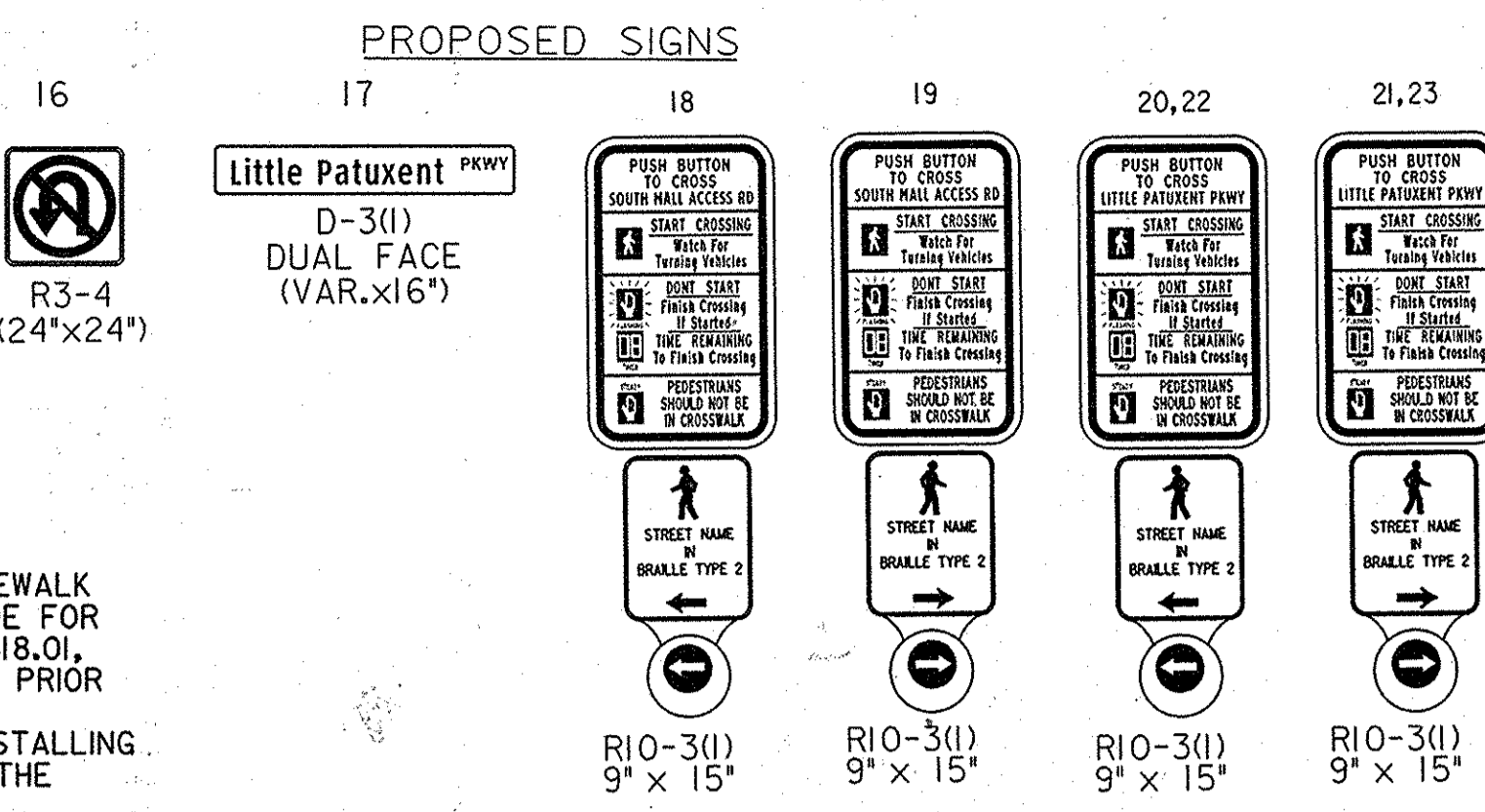
RAMP DETAILS SITE PLAN
DOWNTOWN COLUMBIA
 MERRIWEATHER-SYMPHONY WOODS NEIGHBORHOOD
 MERRIWEATHER PARK at SYMPHONY WOODS PHASE 1 AND FUTURE PHASES 2-7
 TOWN CENTER- SECTION 1 AREA 1
 PART OF OPEN SPACE LOT 23-PLAT NO. 13535 & PART OF OPEN SPACE LOT 9B-PLAT BOOK 15, PAGE 32
 GREEN COMMERCIAL BUILDING
 ELECTION DISTRICT No. 5
 HOWARD COUNTY, MARYLAND

SCALE	ZONING	G. L. W. FILE NO.
AS SHOWN	NT	13043
DATE	TAX MAP - GRID	SHEET
JUNE, 2015	36 - 01	82 OF 85

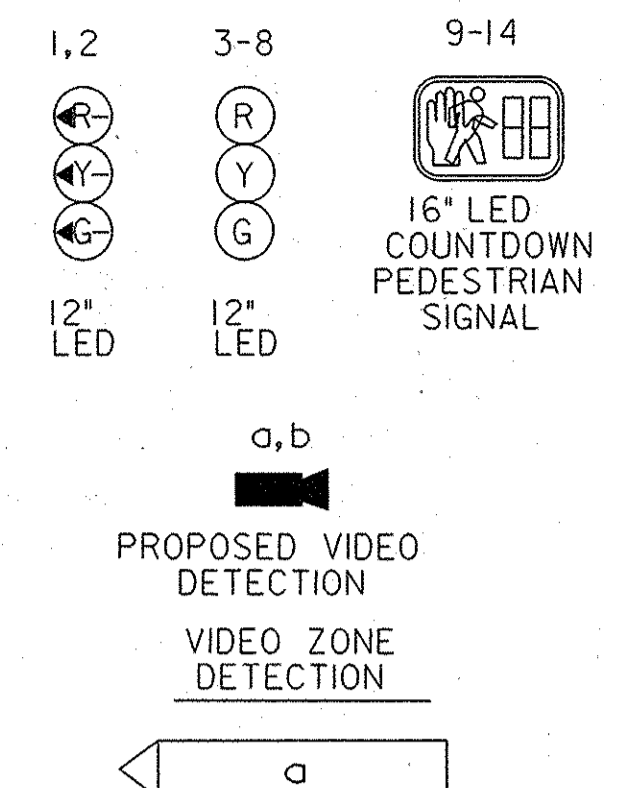
LITTLE PATUXENT PKWY IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

GENERAL NOTES

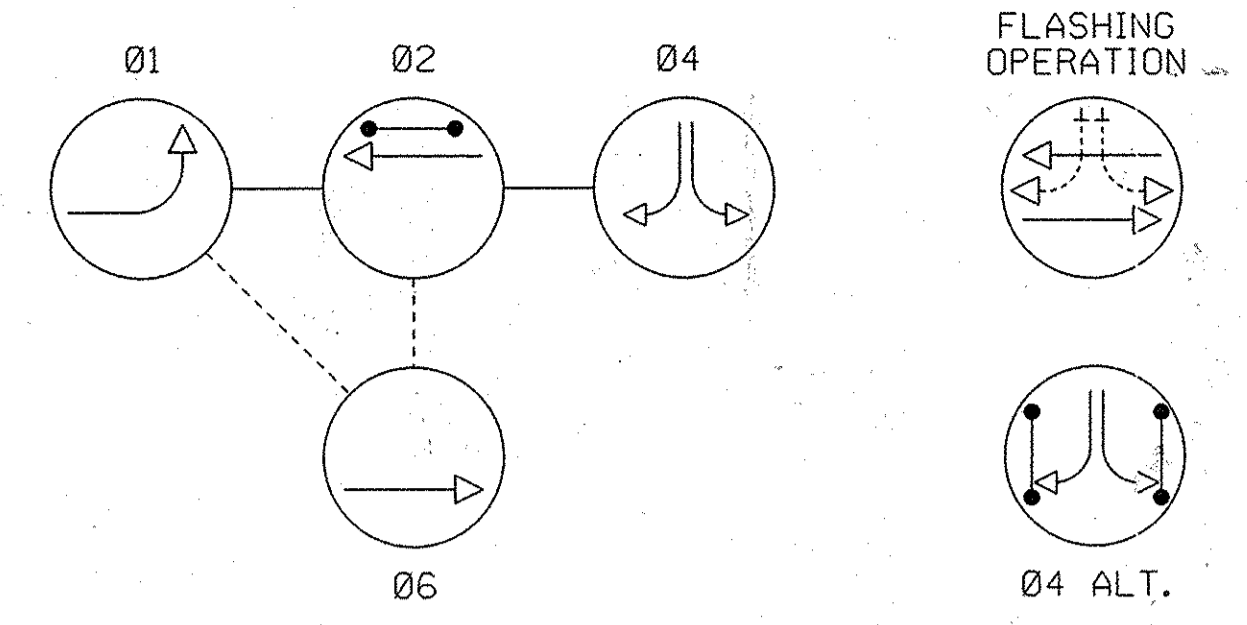
- ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04 THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
- THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE ENGINEER.
- VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE ENGINEER.
- ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
- REMOVE AND DISPOSE OF ALL UNUSED SIGNAL CABLE.
- PUSHBUTTONS ARE TO BE LOCATED SO THAT THEY CAN BE ACTIVATED BY A PERSON IN A WHEELCHAIR REACHING LESS THAN 18" FROM A 60" x 60" LEVEL LANDING AREA WITH A CROSS SLOPE OF LESS THAN OR EQUAL TO 2%.
- THE 10' SEPARATION BETWEEN PUSHBUTTONS IS TO BE MEASURED FROM FACE OF PUSHBUTTON TO FACE OF PUSHBUTTON, NOT CENTER TO CENTER OF POLE.
- PUSHBUTTON ARROWS ARE TO BE PARALLEL TO THE CROSSING FOR WHICH THEY ARE INTENDED.
- LOCATION OF ACCESSIBLE PEDESTRIAN SIGNAL PUSHBUTTONS MUST MEET LOCATION REQUIREMENTS OF MUTCD SEC. 4E.09 AND FIG. 4E-2 AND THE NCHRP PUBLICATION, ACCESSIBLE PEDESTRIAN SIGNALS: GUIDE TO BEST PRACTICE. IF NOT MET, THE CONTRACTOR IS TO STOP WORK ON PUSHBUTTON LOCATIONS AND CONTACT ENGINEER.
- VERIFY PROPOSED GEOMETRICS PRIOR TO INSTALLING SIGNAL EQUIPMENT.
- ALL HANDHOLES SHALL BE INSTALLED AT FINAL GRADE.
- THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING SIDEWALKS CAUSED BY THE INSTALLATION OF SIGNAL EQUIPMENT.
- THE SIGNAL CONTRACTOR SHALL DETERMINE IF ANY WORK BY OTHER CONTRACTORS CAN NOT BE COMPLETED UNTIL INSTALLATION OF SIGNAL EQUIPMENT IS COMPLETE. THE SIGNAL CONTRACTOR SHALL NOTIFY OTHER CONTRACTORS OF THIS WORK.



PROPOSED SIGNALS

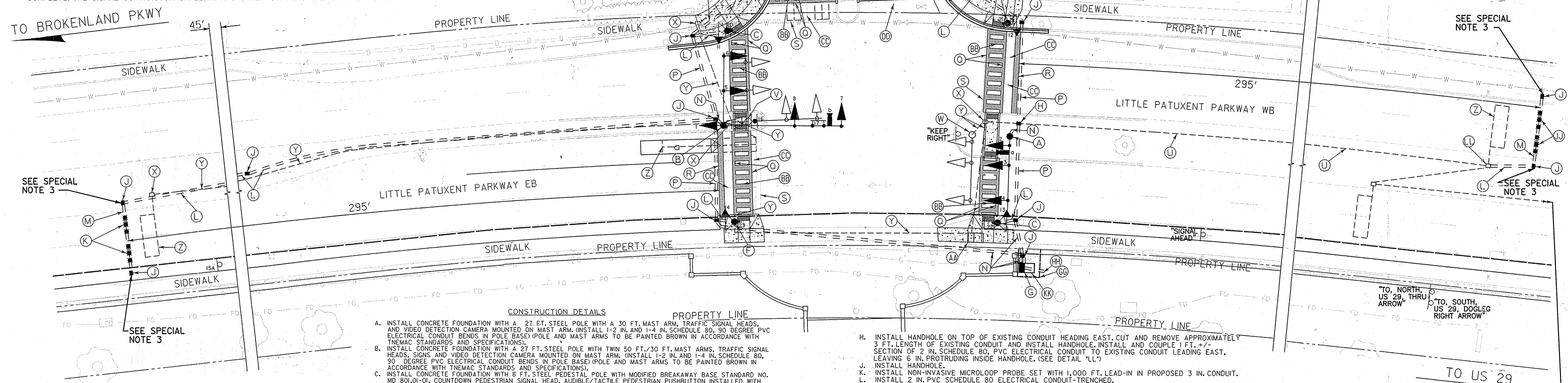


NEMA PHASING



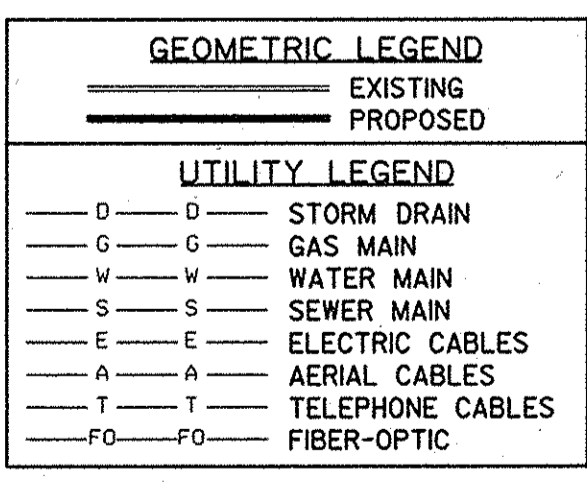
SPECIAL NOTES:

- THE CONTRACTOR SHALL NOT BLOCK VIEW OF EXISTING SIGNAL INDICATIONS DURING INSTALLATION OF PROPOSED EQUIPMENT. IF PROPOSED EQUIPMENT CANNOT BE INSTALLED DUE TO CONFLICT WITH EXISTING SIGNAL INDICATIONS OR SPAN WIRES, A SIGNAL OUTAGE SHALL OCCUR DURING NON-PEAK HOURS AS DIRECTED BY THE ENGINEER.
- CONTRACTOR SHALL USE CAUTION WHEN INSTALLING SIGNAL EQUIPMENT TO AVOID DISTURBANCE OF EXISTING UNDERGROUND UTILITIES. CONTRACTOR SHALL TEST PIT TO DETERMINE EXACT LOCATION AND DEPTH OF UNDERGROUND UTILITIES PRIOR TO INSTALLING SIGNAL EQUIPMENT.
- INSTALL HANDHOLE WITH LONG DIMENSION PERPENDICULAR TO TRAVEL WAY FOR INSTALLATION OF NON-INVASIVE PROBES. EXTEND CONDUIT A MINIMUM OF 2 IN. AND MAXIMUM OF 3 IN. INTO HANDHOLE.
- THE CONTRACTOR SHALL COORDINATE WITH HOWARD COUNTY DPW/BUREAU OF HIGHWAYS TO CONTACT LOCAL POWER COMPANY TO SET-UP WORK WITH TO DISCONNECT THE EXISTING ELECTRICAL SERVICE AND HAVE THE NEW SERVICE ENERGIZED.



CONSTRUCTION DETAILS

- INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH A 30 FT. MAST ARM, TRAFFIC SIGNAL HEADS, AND VIDEO DETECTION CAMERA MOUNTED ON MAST ARM. (INSTALL 1-2 IN. AND 1-4 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BENDS IN POLE BASE) (POLE AND MAST ARMS TO BE PAINTED BROWN IN ACCORDANCE WITH TNEMAC STANDARDS AND SPECIFICATIONS).
- INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH TWIN 50 FT./30 FT. MAST ARMS, TRAFFIC SIGNAL HEADS, SIGNS AND VIDEO DETECTION CAMERA MOUNTED ON MAST ARM. (INSTALL 1-2 IN. AND 1-4 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BENDS IN POLE BASE) (POLE AND MAST ARMS TO BE PAINTED BROWN IN ACCORDANCE WITH TNEMAC STANDARDS AND SPECIFICATIONS).
- INSTALL CONCRETE FOUNDATION WITH 8 FT. STEEL PEDESTAL POLE WITH MODIFIED BREAKAWAY BASE STANDARD NO. MD 801-01, COUNTDOWN PEDESTRIAN SIGNAL HEAD, AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON INSTALLED WITH VIBRATING ARROW POINTING LEFT AND RIO-3(1) SIGN. (SIGN TO READ "PUSH BUTTON TO CROSS LITTLE PATUXENT PKWY") (INSTALL 1-3 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BEND IN PEDESTAL BASE) (POLE AND MAST ARMS TO BE PAINTED BROWN IN ACCORDANCE WITH TNEMAC STANDARDS AND SPECIFICATIONS).
- INSTALL CONCRETE FOUNDATION WITH 8 FT. STEEL PEDESTAL POLE WITH MODIFIED BREAKAWAY BASE STANDARD NO. MD 801-01, COUNTDOWN PEDESTRIAN SIGNAL HEAD, AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON INSTALLED WITH VIBRATING ARROW POINTING RIGHT AND RIO-3(1) SIGN. (SIGN TO READ "PUSH BUTTON TO CROSS SOUTH MALL ACCESS ROAD") (INSTALL 1-3 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BEND IN PEDESTAL BASE) (POLE AND MAST ARMS TO BE PAINTED BROWN IN ACCORDANCE WITH TNEMAC STANDARDS AND SPECIFICATIONS).
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- INSTALL BASE MOUNTED CABINET AND CONTROLLER WITH CONCRETE PAD, GROUND RODS AND ALL NECESSARY EQUIPMENT FOR AN ELECTRICAL SERVICE. (INSTALL 2-2 IN. AND 2-4 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BENDS IN CABINET BASE.)
- INSTALL HANDHOLE ON TOP OF EXISTING CONDUIT HEADING EAST. CUT AND REMOVE APPROXIMATELY 3 FT. LENGTH OF EXISTING CONDUIT AND INSTALL HANDHOLE. INSTALL AND COUPLE 1 FT. +/- SECTION OF 2 IN. SCHEDULE 80, PVC ELECTRICAL CONDUIT TO EXISTING CONDUIT LEADING EAST, LEAVING 6 IN. PROTRUDING INSIDE HANDHOLE. (SEE DETAIL "LL")
- INSTALL HANDHOLE.
- INSTALL NON-INVASIVE MICROLOOP PROBE SET WITH 1,000 FT. LEAD-IN IN PROPOSED 3 IN. CONDUIT.
- INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT-TRENCHED.
- INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT-BORED.
- INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT-TRENCHED.
- INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT-BORED.
- INSTALL 12 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR CROSSWALKS (HOWARD COUNTY DM, DETAIL T-7.03).
- INSTALL 24 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.
- REMOVE EXISTING STOP LINE.
- USE EXISTING HANDHOLE.
- USE EXISTING CONDUIT.
- REMOVE EXISTING SIGNAL POLE, MAST ARMS, SIGN, AND SIGNAL HEADS. REMOVE FOUNDATION 12 IN. BELOW GRADE AND BACKFILL.
- REMOVE EXISTING SIGNAL POLE, MAST ARM, AND SIGNAL HEADS. REMOVE FOUNDATION 12 IN. BELOW GRADE AND BACKFILL.
- REMOVE EXISTING HANDHOLE.
- CAP AND ABANDON EXISTING CONDUIT.
- ABANDON EXISTING LOOP DETECTOR. DISCONNECT AND REMOVE LOOP DETECTOR CABLES FROM CONDUITS, HANDHOLES.
- SIGNAL STRUCTURES AND CONTROLLER.
- AA. REMOVE EXISTING BASE MOUNTED CABINET AND CONTROLLER. REMOVE FOUNDATION 12 IN. BELOW GRADE AND BACKFILL. HOWARD COUNTY SIGNAL SHOP SHALL BE NOTIFIED TO REMOVE THE CONTROLLER AND ALL AUXILIARY EQUIPMENT FROM THE CABINET. (SEE DETAIL "LL")
- BB. INSTALL 24 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR CROSSWALK.
- CC. REMOVE EXISTING PAVEMENT MARKING LINE EXTENDED PAST PROPOSED STOP LINE.
- DD. REMOVE EXISTING PAVEMENT MARKING LINE EXTENDED PAST PROPOSED CROSSWALK (HOWARD COUNTY DM, DETAIL T-7.03).
- EE. REMOVE EXISTING TURN ARROW.
- FF. INSTALL HEAT APPLIED WHITE THERMOPLASTIC ARROWS.
- GG. PROPOSED EASEMENT FOR PROPOSED SIGNAL CABINET.
- HH. CONTRACTOR TO COORDINATE WITH HOWARD COUNTY DPW/BUREAU OF HIGHWAYS AND BGE TO INSTALL CONDUIT FOR PROPOSED ELECTRICAL SERVICE.
- II. INSTALL NON-INVASIVE MICROLOOP PROBE SET WITH 500 FT. LEAD-IN IN PROPOSED 3 IN. CONDUIT.
- KK. CONTRACTOR TO COORDINATE WITH HOWARD COUNTY DPW/BUREAU OF HIGHWAYS AND VERIZON TO INSTALL PROPOSED PHONE DROP.
- LL. USE EXISTING HANDHOLE. CONTRACTOR TO COORDINATE WITH HOWARD COUNTY DPW/BUREAU OF HIGHWAYS TO DISCONNECT INTERCONNECT FROM EXISTING CABINET AND PULL BACK TO EXISTING HANDHOLE. AFTER PROPOSED HANDHOLES HAVE BEEN INSTALLED, RE-FEED INTERCONNECT AND CONNECT IN PROPOSED CABINET.



APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING
 Director: *Valerie J. Jones* Date: 9-2-15
 Chief, Division of Land Development: *John A. ...* Date: 9-2-15
 Chief, Development Engineering Division: *...* Date: 8-25-15

APPROVED: PLANNING BOARD OF HOWARD COUNTY
 Date: November 30, 2015
 *See Sh. 2 for Phasing & Add'l
 Required Approvals for PIs 3-7:

PREPARED FOR & DEVELOPER:
 INNER ARBOR TRUST
 10630 LITTLE PATUXENT PARKWAY
 CENTURY PLAZA, SUITE 315
 COLUMBIA, MD 21044
 ATTN: MICHAEL McCALL
 410-740-0029

PROFESSIONAL CERTIFICATION
 I HEREBY CERTIFY THAT THESE PLANS 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. 27019
 EXPIRATION DATE: 01-27-2016

TRAFFIC SIGNAL PLAN
DOWNTOWN COLUMBIA
MERRIWEATHER-SYMPHONY WOODS NEIGHBORHOOD
 MERRIWEATHER PARK AT SYMPHONY WOODS PHASE 1 AND FUTURE PHASES 2-7
 TOWN CENTER SECTION 1 AREA 1
 PART OF OPEN SPACE LOT 23-PLAT NO. 13355 &
 PART OF OPEN SPACE LOT 98-PLAT BOOK 15, PAGE 32
 GREEN COMMERCIAL BUILDING

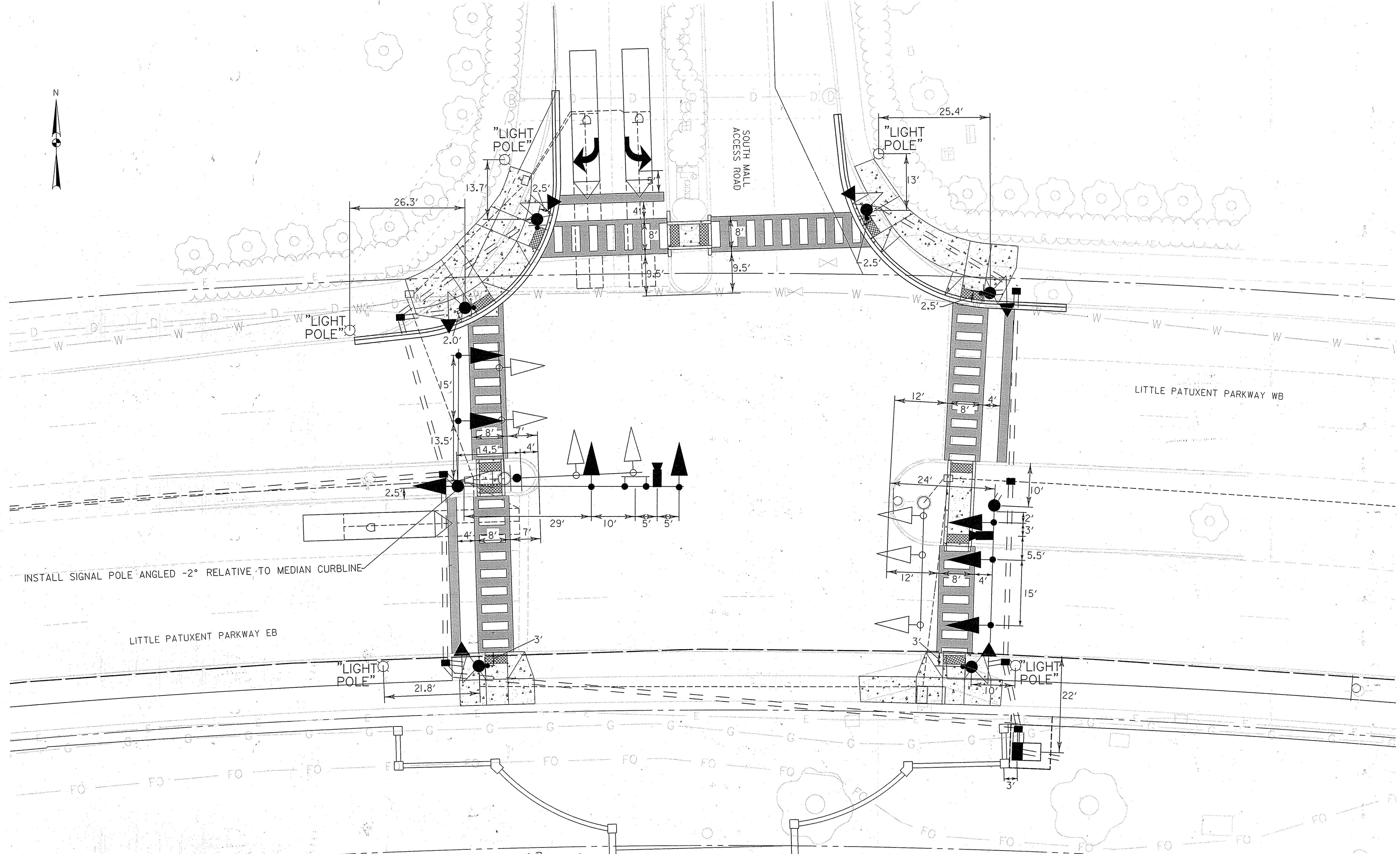
SCALE	ZONING	G. L. W. FILE NO.
1" = 20'	NT	13043
DATE	TAX MAP - GRD	SHEET
JUNE, 2015	36 - 01	83 OF 85

WHITMAN, REQUARDT & ASSOCIATES, LLP
 801 South Caroline Street, Baltimore, MD 21231
WR&A

DES. XXX	DRN. XXX	CHK. XXX	DATE	REVISION	BY	APP'R.

ELECTION DISTRICT No. 5
 HOWARD COUNTY, MARYLAND

SDP 14-073



APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING
 Director: *[Signature]* Date: 4-2-15
 Chief, Division of Land Development: *[Signature]* Date: 9-02-15
 Chief, Development Engineering Division: *[Signature]* Date: 8-25-15

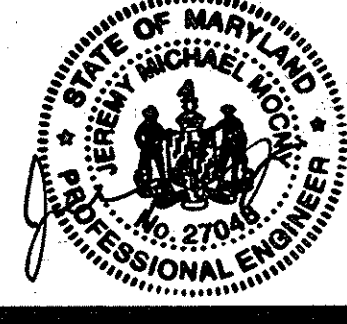
APPROVED
 PLANNING BOARD OF HOWARD COUNTY
 Date: November 20, 2014
 Attest: *[Signature]* Secretary
 Attest: *[Signature]* Clerk

*A redline is required for Ph. 4. Remaining SRC comments will be addressed at that time for the Retainment Crossing.
 *A redline is required for Ph. 4. Remaining SRC comments will be addressed at that time for the Retainment Crossing.

WHITMAN, REQUARDT & ASSOCIATES, LLP
 801 South Caroline Street, Baltimore, MD 21231
WR&A

DES. XXX	DRN. XXX	CHK. XXX	DATE	REVISION	BY	APPR.

PREPARED FOR & DEVELOPER:
 INNER ARBOR TRUST
 10630 LITTLE PATUXENT PARKWAY
 CENTURY PLAZA, SUITE 315
 COLUMBIA, MD 21044
 ATTN: MICHAEL McCALL
 410-740-0029

PROFESSIONAL CERTIFICATION
 I HEREBY CERTIFY THAT THESE PLANS 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. 27044
 EXPIRATION DATE: 21-28-2016


TRAFFIC SIGNAL PLAN
DOWNTOWN COLUMBIA
MERRIWEATHER-SYMPHONY WOODS NEIGHBORHOOD
 MERRIWEATHER PARK AT SYMPHONY WOODS PHASE 1 AND FUTURE PHASES 2-7
 TOWN CENTER- SECTION 1 AREA 1
 PART OF OPEN SPACE LOT 23-PLAT NO. 13535 &
 PART OF OPEN SPACE LOT 98-PLAT BOOK 15, PAGE 32
 GREEN COMMERCIAL BUILDING
 ELECTION DISTRICT No. 5
 HOWARD COUNTY, MARYLAND

SCALE	ZONING	G. L. W. FILE No.
1" = 10'	NT	13043
DATE	TAX MAP -- GRID	SHEET
JUNE, 2015	36 - 01	84 OF 85

PROJECT DESCRIPTION

GENERAL

THIS PROJECT INVOLVES THE RECONSTRUCTION OF THE EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTION OF LITTLE PATUXENT PARKWAY AT MALL ACCESS ROAD IN HOWARD COUNTY, MARYLAND. LITTLE PATUXENT PARKWAY IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

INTERSECTION OPERATION

THE INTERSECTION OPERATION WILL REMAIN THE SAME.

TYPICAL MESSAGES FOR ACCESSIBLE PED SIGNALS

LITTLE PATUXENT PARKWAY AND SOUTH MALL ACCESS ROAD - NORTH LEG

STREETS AT 90 DEGREES

WAIT: "WAIT TO CROSS SOUTH MALL ACCESS ROAD AT LITTLE PATUXENT ROAD, WAIT."*

WALK: RAPID TICK

LITTLE PATUXENT PARKWAY AND SOUTH MALL ACCESS ROAD - EAST LEG

STREETS AT 90 DEGREES

WAIT: "WAIT TO CROSS LITTLE PATUXENT PARKWAY AT MALL ACCESS ROAD, WAIT."*

WALK: RAPID TICK

LITTLE PATUXENT PARKWAY AND SOUTH MALL ACCESS ROAD - WEST LEG

STREETS AT 90 DEGREES

WAIT: "WAIT TO CROSS LITTLE PATUXENT PARKWAY AT MALL ACCESS ROAD, WAIT."*

WALK: RAPID TICK

- * MESSAGE USED IF DISTANCE FROM NEAREST PUSHBUTTON FOR PERPENDICULAR CROSSING IS < 10'
 - ** MESSAGE USED IF CROSSWALK DIVERGES FROM OR CONVERGES WITH PARALLEL TRAFFIC
- NOTE: MESSAGES FOR INTERSECTION CONFIGURATIONS, VARYING FROM THE ABOVE ARE TO BE APPROVED BY THE DIRECTOR, OFFICE OF TRAFFIC AND SAFETY.

CONTROLLER REQUIREMENTS

AN EIGHT PHASE, FULL-TRAFFIC ACTUATED, SOLID STATE DIGITAL CONTROLLER WITH INTERSECTION MONITOR AND HARNESS, BATTERY BACK-UP, AND VIDEO DETECTION EQUIPMENT HOUSED IN A BASE MOUNTED CABINET ARE TO BE INSTALLED AT THIS LOCATION.

NOTES:

- GROUND MOUNT SIGN SUPPORTS SHALL BE:
2 INCH GALVANIZED STEEL (PERFORATED) SQUARE TUBE POST (14 GAUGE) INSERTED INTO A 3 FOOT LONG - 2.5 INCH GALVANIZED STEEL (PERFORATED) SQUARE TUBE SLEEVE (12 GAUGE) WITH A GALVANIZED STEEL POLE CAP MOUNTED ON TOP OF THE POST.
- POLE PAINT COLOR SHALL CONFORM TO THE FOLLOWING FEDERAL STANDARD *595A-20040-BROWN.
A) PRIMER: SHALL BE EPOXY POLYAMIDE MEETING THE REQUIREMENTS OF SECTION 912.03.02.
B) FINISH COAT: SHALL BE AN ALIPHATIC POLYURETHANE MEETING REQUIREMENTS OF SECTION 912.04.02.

EQUIPMENT LIST 'A'

A. EQUIPMENT TO BE FURNISHED BY THE COUNTY

QUANTITY	DESCRIPTION
1 EACH	TRAFFIC SIGNAL CONTROLLER, BASE MOUNTED CABINET, AND VIDEO DETECTION INTERFACE
6 EACH	12 IN., ONE-WAY, THREE SECTION L.E.D. (R, Y, G) ADJUSTABLE YELLOW FACED TRAFFIC SIGNAL HEAD WITH MAST ARM MOUNTING HARDWARE AND TUNNEL VISORS
2 EACH	12 IN., ONE-WAY, THREE SECTION L.E.D. (R, A, Y, G) ADJUSTABLE YELLOW FACED TRAFFIC SIGNAL HEAD WITH MAST ARM MOUNTING HARDWARE AND TUNNEL VISORS
6 EACH	16 IN. ONE-WAY, ONE SECTION L.E.D. (COUNTDOWN INDICATIONS) ADJUSTABLE PEDESTRIAN SIGNAL HEAD WITH POST TOP MOUNTING HARDWARE AND CUT-AWAY VISORS
2 EACH	VIDEO DETECTION CAMERA AND CABLE (1-100 LF, 1-300 LF)
6 EACH	AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON STATION AND SIGNS

EQUIPMENT LIST 'C'

C. EQUIPMENT TO BE INSTALLED BY THE COUNTY SIGNAL SHOP WHEN REIMBURSED BY THE DEVELOPER OR CONTRACTOR

QUANTITY	DESCRIPTION
1 EACH	BATTERY BACK-UP SYSTEM

EQUIPMENT LIST 'B'

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR

QUANTITY	DESCRIPTION
LUMP SUM	MAINTENANCE OF TRAFFIC
8 CY	TEST PIT EXCAVATION
1 EACH	27 FT. STEEL TWIN MAST ARM POLE WITH 50 FT. AND 30 FT. MAST ARMS (POLE AND MAST ARMS TO BE PAINTED BROWN IN ACCORDANCE WITH TNEMAC STANDARDS AND SPECIFICATIONS)
1 EACH	27 FT. STEEL MAST ARM POLE WITH A 30 FT. MAST ARM (POLE AND MAST ARM TO BE PAINTED BROWN IN ACCORDANCE WITH TNEMAC STANDARDS AND SPECIFICATIONS)
6 EACH	8 FT. STEEL PEDESTAL POLE WITH BREAKAWAY TRANSFORMER BASE (POLE TO BE PAINTED BROWN IN ACCORDANCE WITH TNEMAC STANDARDS AND SPECIFICATIONS)
1 EACH	VAR. X 16 IN. D-30) SIGN WITH MAST ARM MOUNT HARDWARE
1 EACH	24 IN. X 24 IN. R3-4 SIGN FOR GROUND MOUNTING
12 EACH	HANDBOX
1180 L.F.	2-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
1235 L.F.	5-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
1120 L.F.	7-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
530 L.F.	1-CONDUCTOR STRANDED THWN GREEN GROUND WIRE (NO. 6 A.W.G.)
430 L.F.	2 IN. POLYVINYL CHLORIDE (SCHEDULE 80) ELECTRICAL CONDUIT - TRENCHED
65 L.F.	3 IN. POLYVINYL CHLORIDE (SCHEDULE 80) ELECTRICAL CONDUIT - BORED
165 L.F.	4 IN. POLYVINYL CHLORIDE (SCHEDULE 80) ELECTRICAL CONDUIT - TRENCHED
165 L.F.	4 IN. POLYVINYL CHLORIDE (SCHEDULE 80) ELECTRICAL CONDUIT - BORED
11 C.Y.	CONCRETE FOUNDATION FOR TRAFFIC SIGNAL EQUIPMENT
7 EACH	GROUND ROD 3/4 IN. DIAMETER X 10 FT. LENGTH
22 L.F.	GROUND MOUNT SIGN SUPPORTS (SEE NOTE 1 THIS PAGE)
4 EACH	NON-INVASIVE DETECTOR (ANY LENGTH) LEAD IN CABLE UP TO 1000'
8 EACH	INSTALL SIGNAL HEAD
6 EACH	INSTALL PEDESTRIAN SIGNAL HEAD
6 EACH	INSTALL PEDESTRIAN STATION AND SIGN
2 EACH	INSTALL VIDEO CAMERA DETECTOR WITH COUNTY SUPPLIED CLAMP
1 EACH	INSTALL CONTROL CABINET - BASE MOUNTED
240 L.F.	REMOVAL OF EXISTING PERMANENT PAVEMENT MARKING LINES
400 L.F.	12 INCH WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES
410 L.F.	24 INCH WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES
31 S.F.	PAVEMENT MARKING PAINT LEGENDS AND SYMBOLS
1 EACH	REMOVE AND DISPOSE OF EQUIPMENT

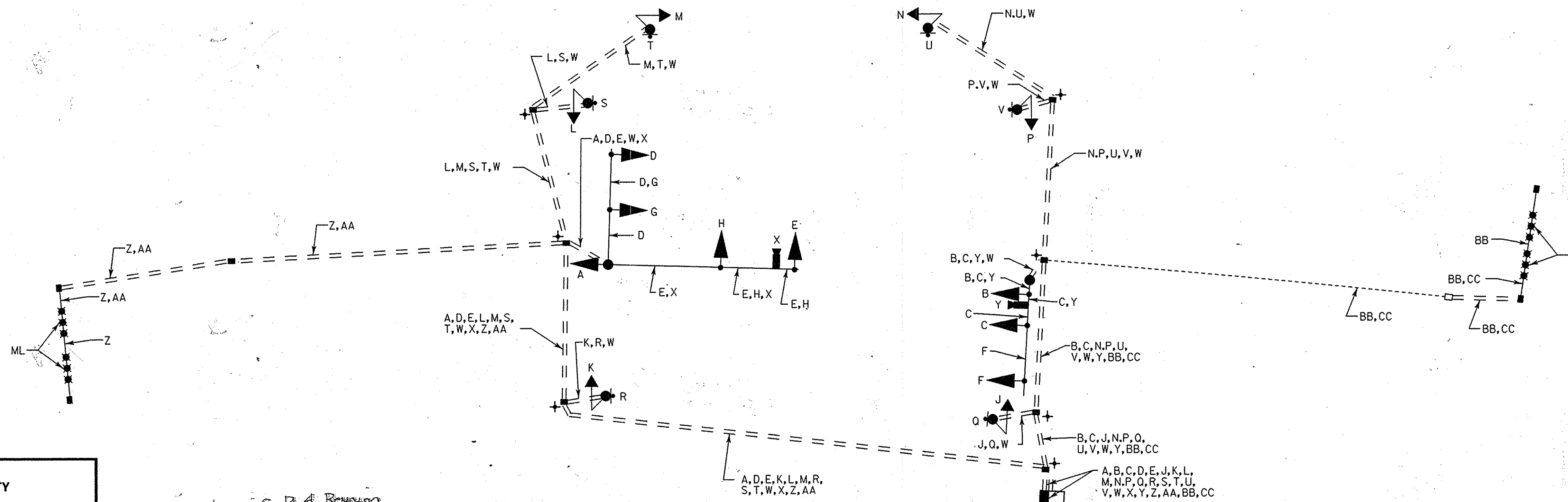
PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
PHASE 1 + 6	G	G	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW
1 + 6 CHANGE	Y	Y	G	G	R	R	R	R	DW	DW	DW	DW	DW	DW
PHASE 2 + 6	R	R	G	G	G	G	R	R	WK	WK	DW	DW	DW	DW
2 + 6 CHANGE	Y	Y	Y	Y	R	R	R	R	FL/DW	FL/DW	DW	DW	DW	DW
PHASE 4	R	R	R	R	R	R	G	G	DW	DW	DW	DW	DW	DW
4 CHANGE	Y	Y	R	R	R	R	Y	Y	DW	DW	DW	DW	DW	DW
PHASE 4 ALT	R	R	R	R	R	R	G	G	DW	DW	WK	WK	WK	WK
PED CLEARANCE	R	R	R	R	R	R	G	G	DW	DW	FL/DW	FL/DW	FL/DW	FL/DW
4 ALT CHANGE	Y	Y	R	R	R	R	Y	Y	DW	DW	DW	DW	DW	DW
FLASHING OPERATION	FL/R	FL/R	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	DARK	DARK	DARK	DARK	DARK	DARK

WIRING DIAGRAM

WIRING KEY

- A, B, C, D, E } 7-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
- F, G, H, J, K } 5-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
- O, T, R, U, V } 2-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
- W } STRANDED BARE COPPER GROUND WIRE (NO. 6 A.W.G.)
- X } VIDEO CAMERA DETECTION LEAD-IN CABLE
- Y } MICROLOOP PROBE LEAD-IN
- Z, AA, BB, CC } MICROLOOP PROBE SET
- ML } 3/4 IN. X 10 FT. GROUND ROD



APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING
 Director: [Signature] Date: 9-9-15
 Chief, Division of Land Development: [Signature] Date: 9-02-15
 Chief, Development Engineering Division: [Signature] Date: 8-25-15

APPROVED: PLANNING BOARD OF HOWARD COUNTY
 Date: November 24, 2014
 *See Sec. 2 for Phasing & Add'l Required Approvals for Phases 3-7

* A Redline is Required for Ph. 4. Remaining SRC comments will be addressed at that time for the Redline Crossing.

PREPARED FOR & DEVELOPER:
 INNER ARBOR TRUST
 10630 LITTLE PATUXENT PARKWAY
 CENTURY PLAZA, SUITE 315
 COLUMBIA, MD 21044
 ATTN: MICHAEL McCALL
 410-740-0029

PROFESSIONAL CERTIFICATION
 I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED BY OR UNDER THE SUPERVISION AND APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.
 LICENSE NO. 21043
 EXPIRATION DATE: 21-28-2016



GENERAL SIGNAL INFORMATION SHEET

DOWNTOWN COLUMBIA
MERRIWEATHER-SYMPHONY WOODS NEIGHBORHOOD
 MERRIWEATHER PARK AT SYMPHONY WOODS PHASE 1 AND FUTURE PHASES 2-7
 TOWN CENTER SECTION 1 AREA 1
 PART OF OPEN SPACE LOT 23-PLAT NO. 13535 &
 PART OF OPEN SPACE LOT 98-PLAT BOOK 15, PAGE 32
 GREEN COMMERCIAL BUILDING

SCALE	ZONING	G. L. W. FILE No.
NONE	NT	13043
DATE	TAX MAP -- GRID	SHEET
JUNE, 2015	36 - 01	85 OF 85