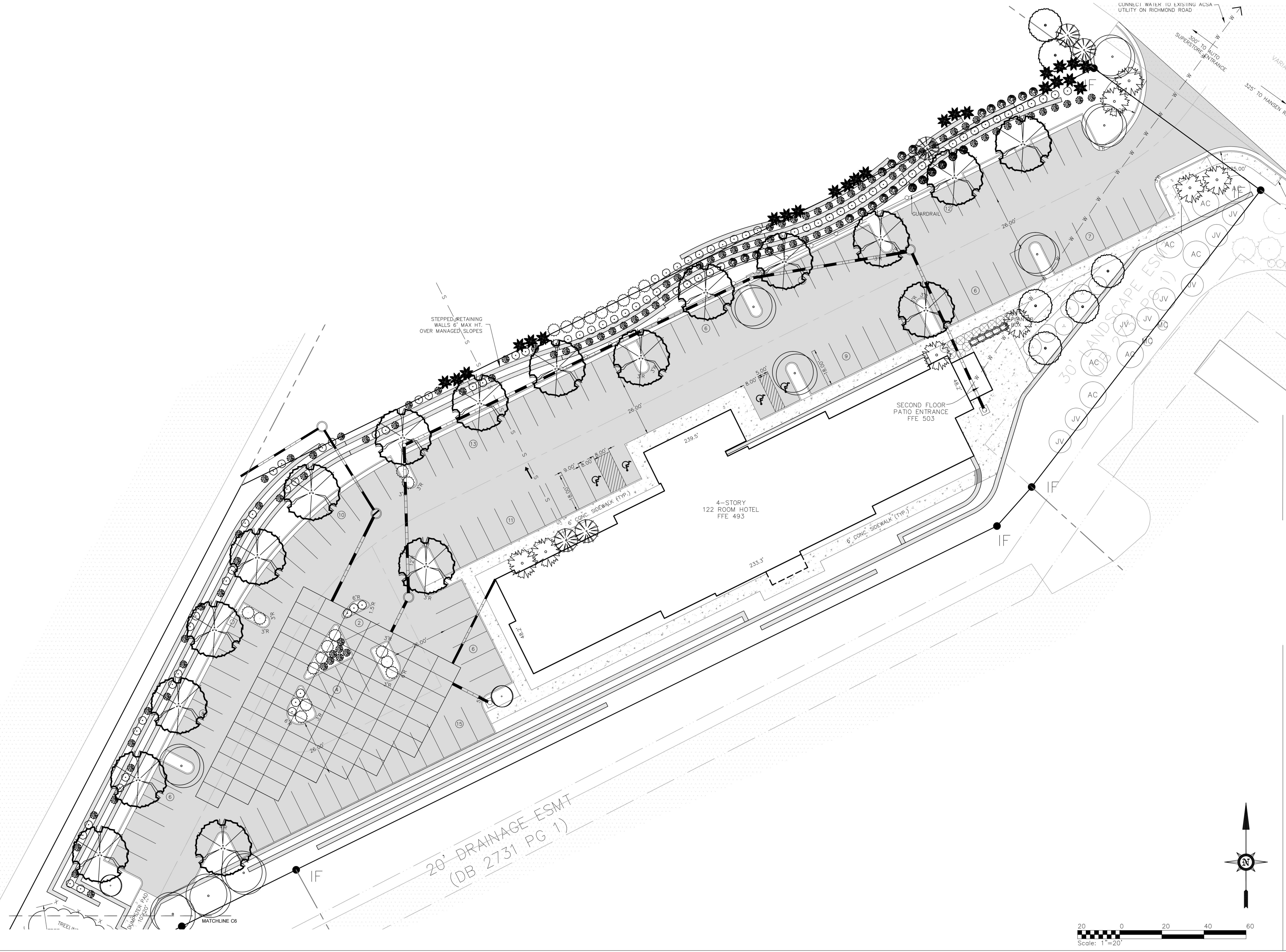

CONNECT WATER TO EXISTING ACSA UTILITY ON RICHMOND ROAD
300' TO AUTO SUPERSTORE ENTRANCE
U.S. ROUTE 250 RICHMOND ROAD VARIABLE WIDTH PUBLIC R/W D.B. 178-52
325' TO HANSEN ROAD
CONNECTS TO EX. SIDEWALK ON 250
R25.00'
R35.00'
GUARDRAIL
STEPPED RETAINING WALLS 6' MAX HT. OVER MANAGED SLOPES
30' LANDSCAPE ESMT (DB 2731 PG 1)
AC
JV
MC
IF
26.00'
SECOND FLOOR PATIO ENTRANCE FFE 503
4-STORY 122 ROOM HOTEL FFE 493
239.5'
233.3'
48.2'
6' CONC. SIDEWALK (TYP.)
9.00
8.00
18.00'
5.00'
3'R
6'R
1.5'R
20' DRAINAGE ESMT (DB 2731 PG 1)
DUMPSTER PAD 10'X20'
TREELINE
MATCHLINE C6
N
20 0 20 40 60
Scale: 1"=20'

SHIMP ENGINEERING P.C.
LAND PLANNING - PROJECT MANAGEMENT

912 E. HIGH ST.
CHARLOTTESVILLE VA, 22902
434.227.5140
JUSTIN@SHIMP-ENGINEERING.COM

JUSTIN M. SHIMP
Lic. No. 45183
FOR REVIEW

ARCHITECTURAL REVIEW BOARD

OVERLOOK HOTEL

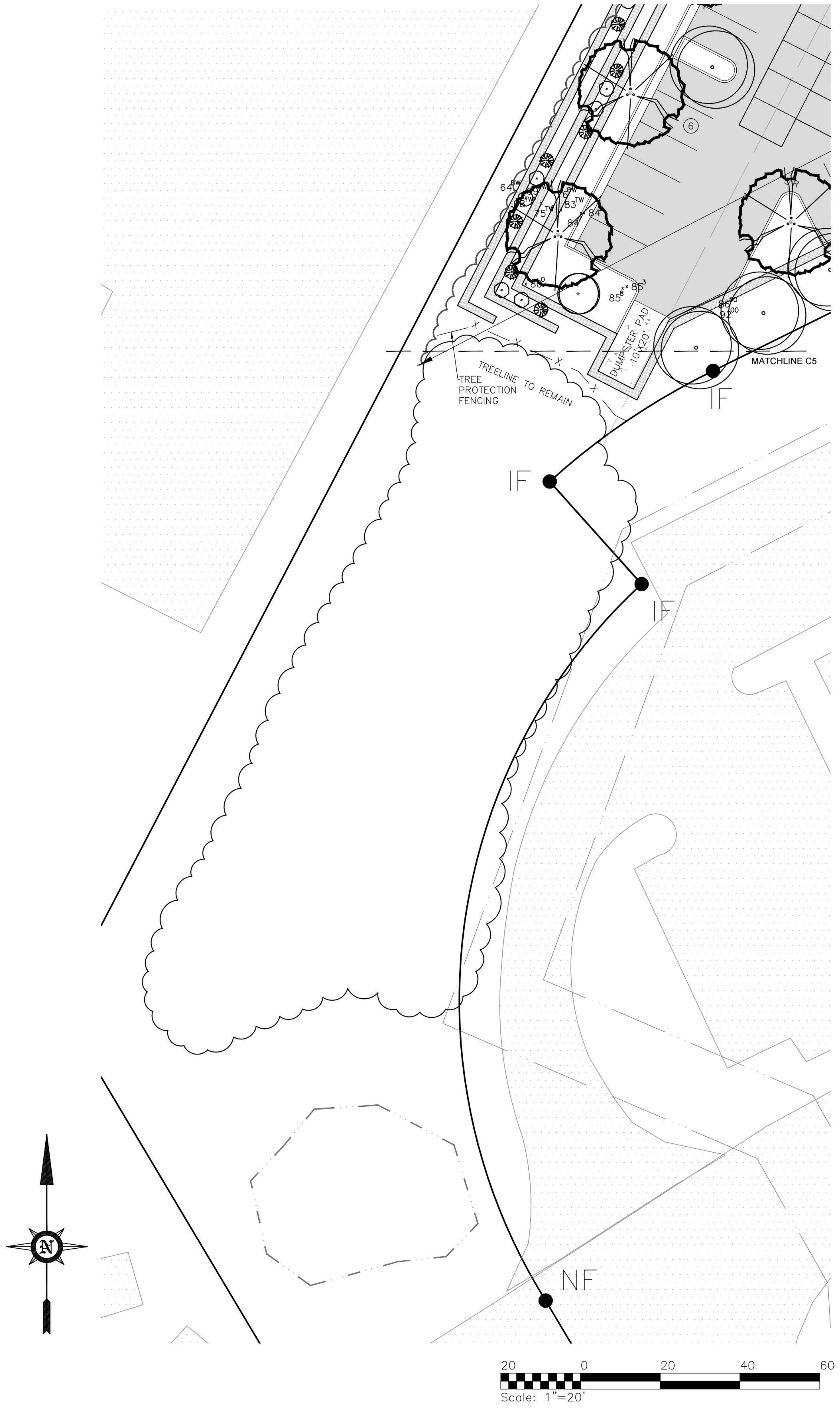
ALBEMARLE COUNTY, VIRGINIA
SUBMISSION:
2022.05.16
REVISION:

FILE NO.
19.039

EXHIBIT: LANDSCAPE PLAN

SHEET C1 of C3

C1



LANDSCAPE SCHEDULE

Plant Symbol	Planting Type	Botanical Name	Common Name	Min. Cal./Height	Quantity	Total Height(ft) in 10 Yrs	Canopy SF	Total Canopy SF
◎	Large Deciduous Tree	Ulmus americana 'Princeton'	American Elm 'Princeton'	3.5"	9	25	397	3573
⊛	Large Deciduous Tree	Celtis x occidentalis	Hackberry	2.5"	18	30	572	10296
○	Large Deciduous Tree	Acer rubrum "Armstrong"	"Armstrong" Red Maple	2.5"	2	30	44	88
⊙	Medium Deciduous Tree	Carpinus betulus	European Hornbeam	2.5"	6	20	177	1062
⊛	Ornamental Tree	Cornus kousa	Kousa Dogwood	6–8' Ht.	4	15	128	512
⊙	Ornamental Tree	Magnolia grandiflora	Southern Magnolia	6–8' Ht.	8	17	82	656
✸	Broadleaved Evergreen Tree	Cryptomeria japonica	Cryptomeria	4–5' Ht.	24	25	123	2952
⊙	Broadleaved Evergreen Shrub	Myrica penslyvanica	Northern Bayberry	24" Ht.	87	3	18	–
○	Broadleaved Evergreen Shrub	Photinia x frazer	Red Photinia	24" Ht.	20	10	20	400
●	Broadleaved Evergreen Shrub	Ilex glabra	Inkberry Holly	24" Ht.	94	6	24	2256
●	Broadleaved Evergreen Shrub	Cotoneaster salicifolius	Willowleaf Cotoneaster	24" Ht.	24	7	22	528
⊗	Broadleaved Evergreen Shrub	Rhododendron	Azalea	12" Ht.	12	4	10	—
○	Deciduous Shrub	Buddleia davidii	Butterfly Bush	12" Ht.	5	7	16	80
○	Deciduous Shrub	Viburnum plicatum	Snowball Viburnum	12" Ht.	7	8	50	350
							TOTAL SF:	22403

LANDSCAPE SCHEDULE PER APPROVED SDP2003–79

Plant Symbol	Planting Type	Botanical Name	Common Name	Min. Cal./Height	Quantity	Total Height(ft) in 10 Yrs	Canopy SF	Total Canopy SF
AC	Ornamental Tree	Amelanchier canadensis	Shadblow Serviceberry	6–8' Ht.	7	19	130	910
JV	Broadleaved Evergreen Tree	Juniperus virginiana	Eastern Redcedar	4–5' Ht.	8	14	16	128
MC	Broadleaved Evergreen Shrub	Myrica cerifera	Southern Wax Myrtle	24" Ht.	2	10	44	88
							TOTAL SF:	1126

LANDSCAPING REQUIRED:

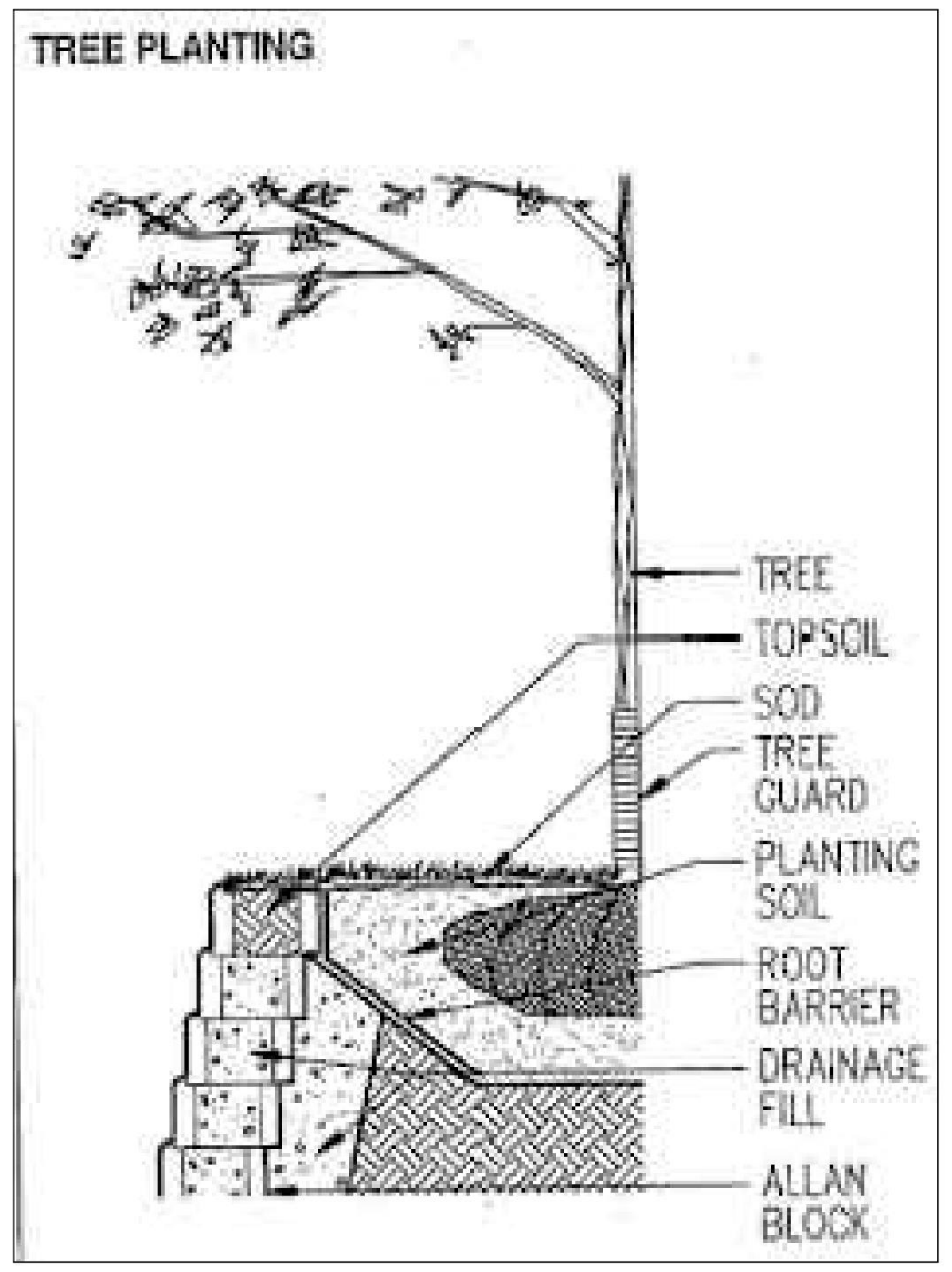
SITE REQUIREMENT (SEC. 32.7.9.8): 10% CANOPY REQUIRED.
SITE AREA: 3.687 AC (160,606 SF)
160,606 SF x 10% = 16,061 SF
CANOPY REQUIRED: 16,061 SF
EXISTING CANOPY TO REMAIN: 11,000 SF
CANOPY PROVIDED: 22,403 + 11,000 = 33,403 SF

ENTRANCE CORRIDOR STREETS: LARGE SHADE TREES (2.5" CAL.) – 35' O.C. WITH INTERSPERSED ORNAMENTAL TREES, 40 LF OF FRONTAGE (LESS ENTRY TRAVELWAY)
REQUIRED: 1 LARGE SHADE TREES
PROVIDED: 2 LARGE SHADE TREES W/ 4 ORNAMENTAL

INTERIOR PARKING AREA (SEC. 32.7.9.6): 5% OF THE PAVED PARKING AREA & 1 LARGE OR MEDIUM SHADE TREE PER 10 PARKING SPACES
40,783 SF x 5% = 2,039 SF
REQUIRED: 2,039 SF
PROVIDED: 2,355 SF

122 PARKING SPACES PROVIDED
REQUIRED: 12 LARGE SHADE TREES
PROVIDED: 15 LARGE SHADE TREES

NOTES:
1. All site plantings of trees and shrubs shall be allowed to reach, and be maintained at, mature height; the topping of trees is prohibited. Shrubs and trees shall be pruned minimally and only to support the overall health of the plant.
2. All landscaping and screening shall be maintained in a healthy condition by the current owner or property owners' association and replaced when necessary. Replacement material shall comply with the approved landscape plan.
3. All new planting shown on the plan will be completed after building and road construction to avoid tree planting damage.
4. All disturbed slopes 3:1 or steeper to have low maintenance ground cover.
5. Any existing tree proposed to remain shall be replaced in kind if negatively impacted by improvements associated with this project.



1 RETAINING WALL PLANTING DETAIL
C6
Not To Scale

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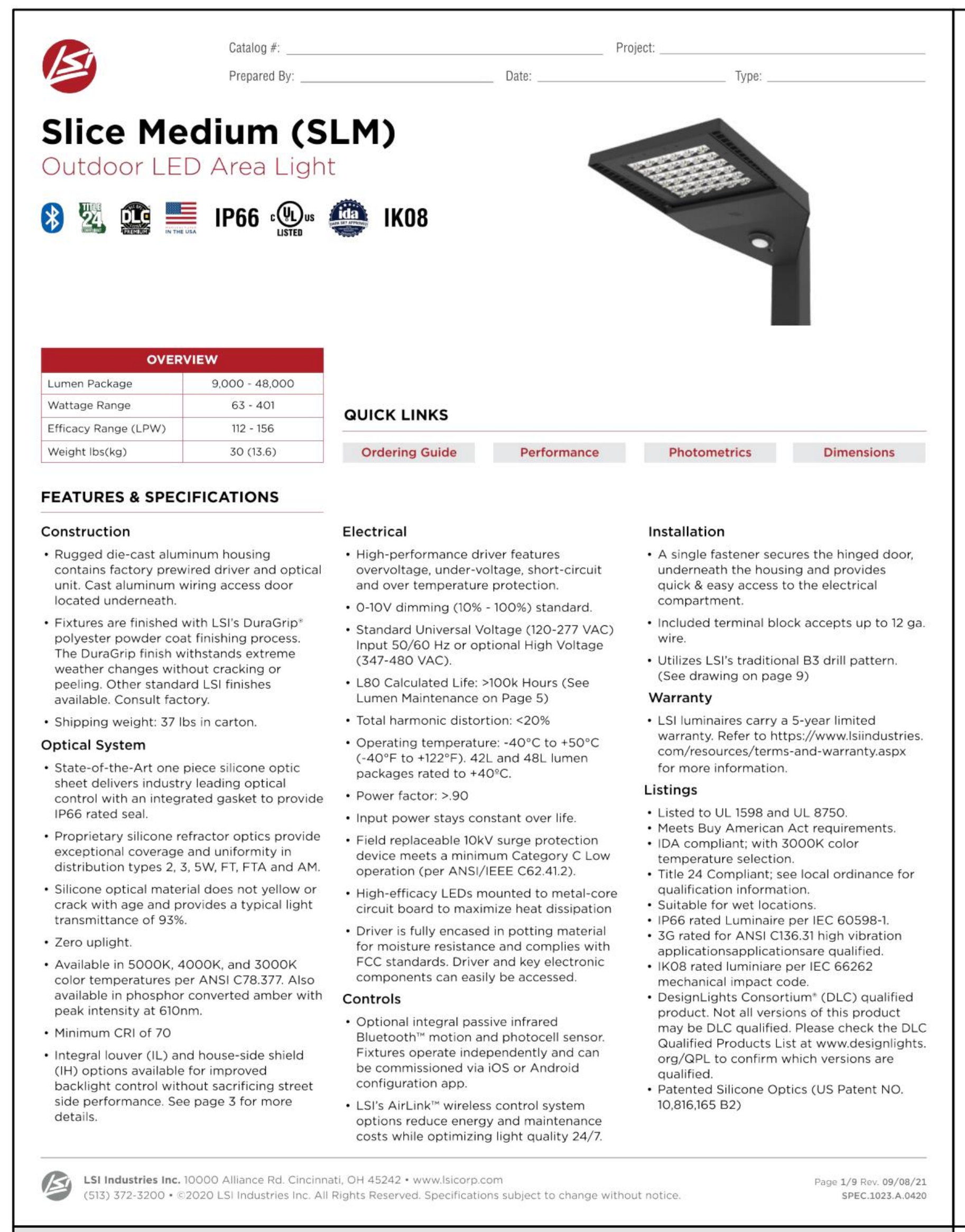
EXHIBIT: LANDSCAPE DETAILS

SHEET C2 of C3

C2



Slice Medium (SLM)

Outdoor LED Area Light

IP66 IK08

OVERVIEW	
Lumen Package	9,000 - 48,000
Wattage Range	63 - 401
Efficacy Range (LPW)	112 - 156
Weight lbs(kg)	30 (13.6)

QUICK LINKS

Ordering Guide Performance Photometrics Dimensions

FEATURES & SPECIFICATIONS

Construction

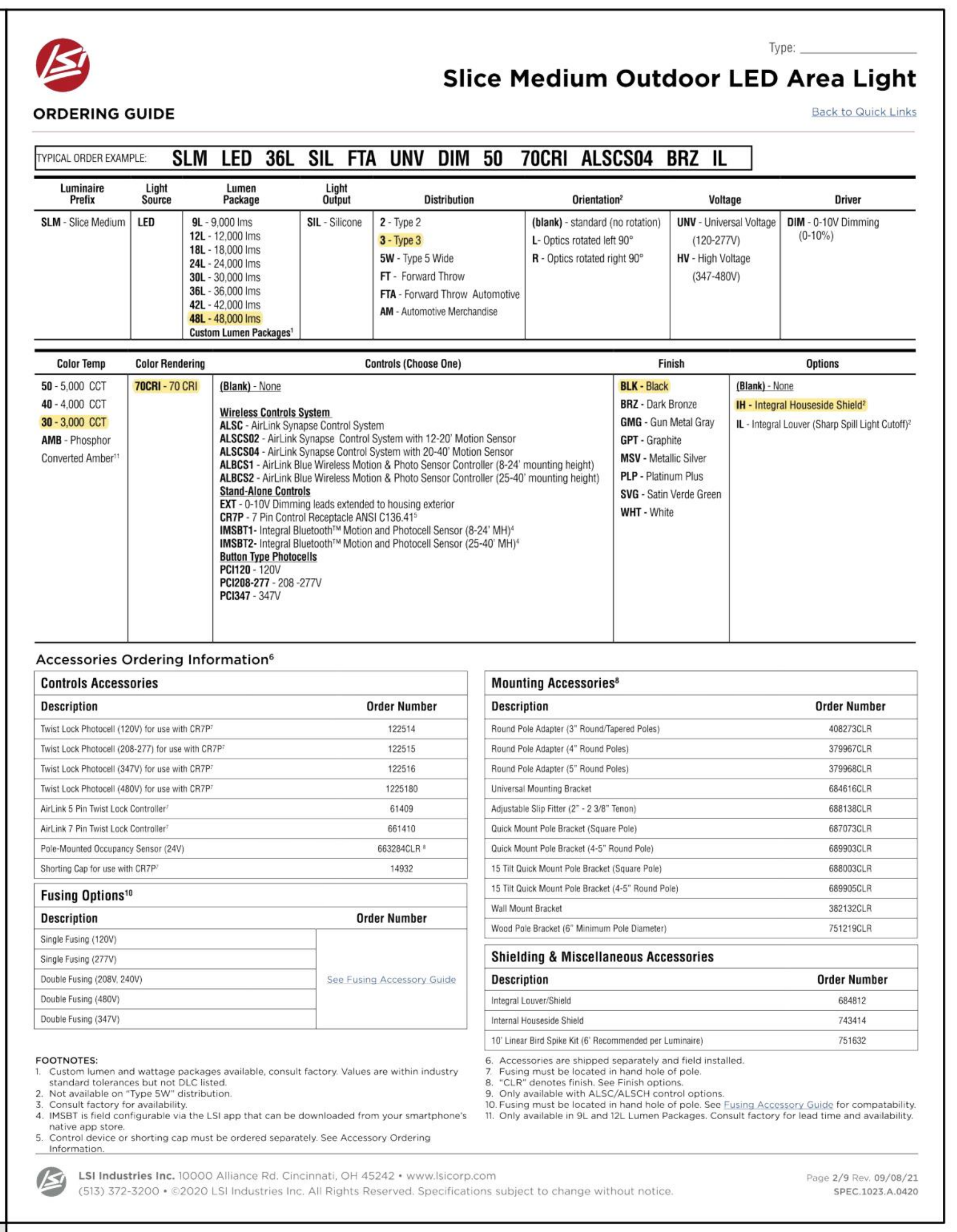
- Rugged die-cast aluminum housing contains factory prewired driver and optical unit. Cast aluminum wiring access door located underneath.
- Fixtures are finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling. Other standard LSI finishes

Electrical

- High-performance driver features overvoltage, under-voltage, short-circuit and over temperature protection.
- 0-10V dimming (10% - 100%) standard.
- Standard Universal Voltage (120-277 VAC) Input 50/60 Hz or optional High Voltage (347-480 VAC).
- L80 Calculated Life: >100k Hours (See

Installation

- A single fastener secures the hinged door, underneath the housing and provides quick & easy access to the electrical compartment.
- Included terminal block accepts up to 12 ga. wire.
- Utilizes LSI's traditional B3 drill pattern. (See drawing on page 9)

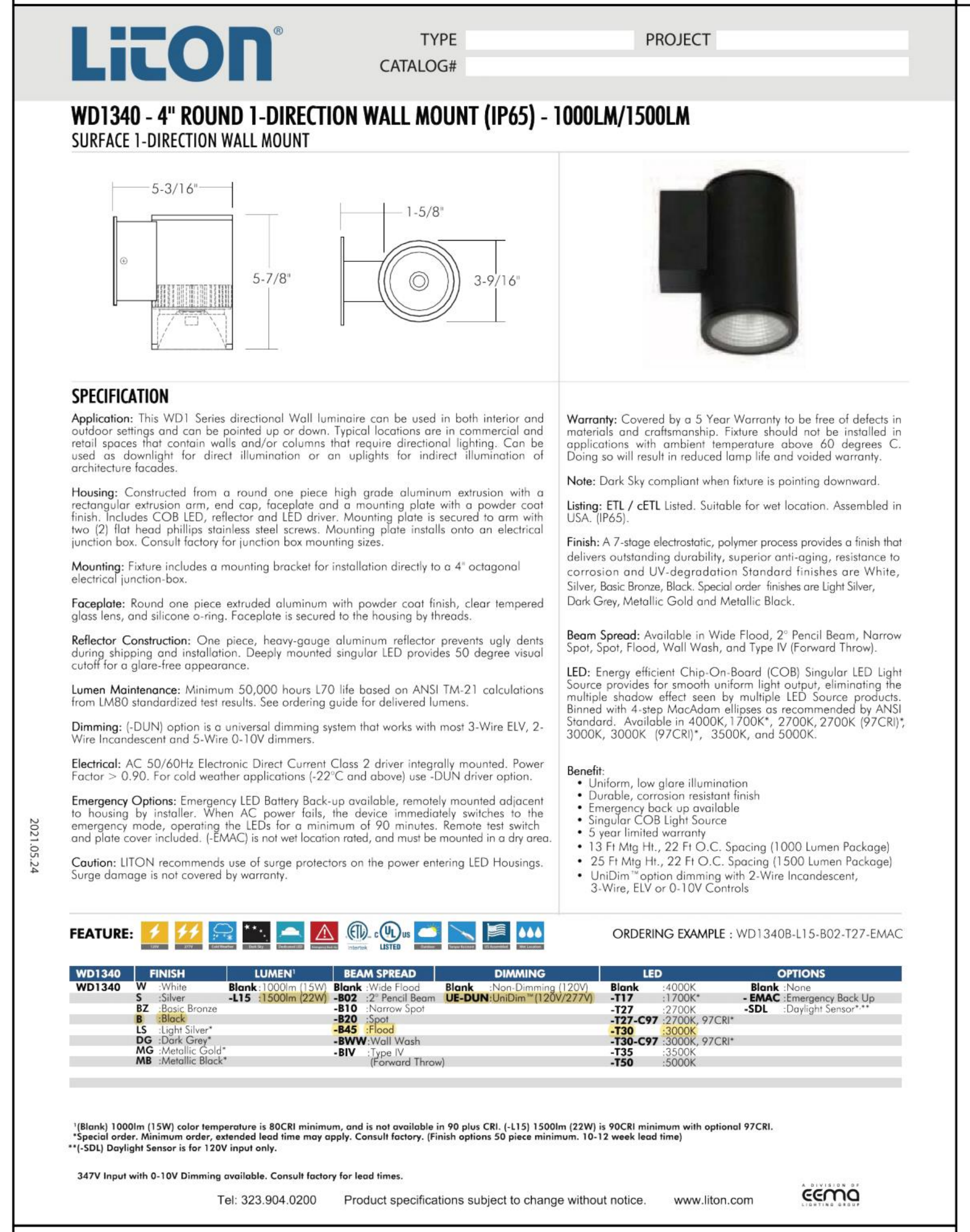


Slice Medium Outdoor LED Area Light

ORDERING GUIDE

TYPICAL ORDER EXAMPLE: SLM LED 36L SIL FTA UNV DIM 50 70CRI ALSCS04 BRZ IL

Color Temp: 50 - 5,000 CCT; 40 - 4,000 CCT; 30 - 3,000 CCT; AMB - Phosphor Converted Amber

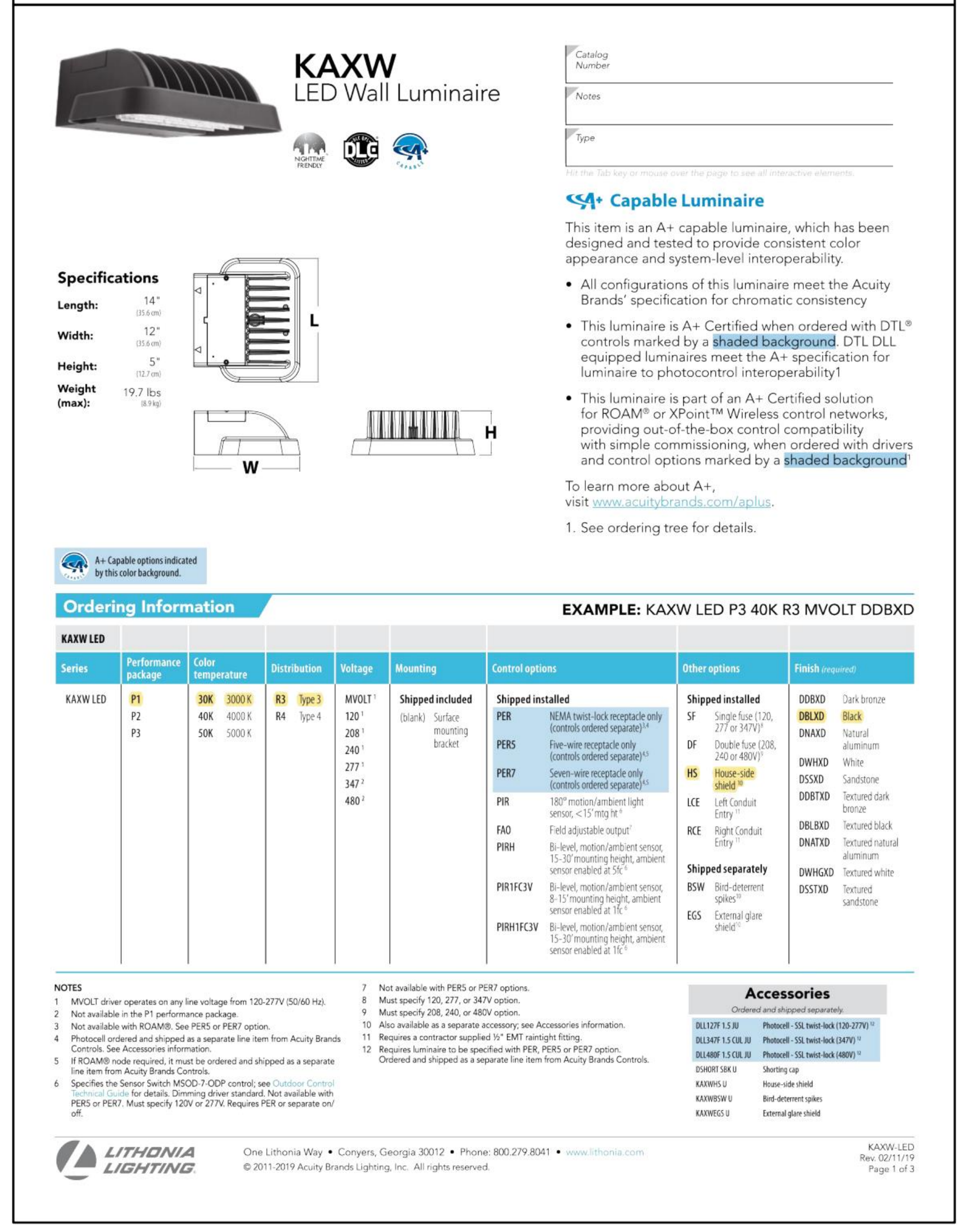


LITON

WD1340 - 4" ROUND 1-DIRECTION WALL MOUNT (IP65) - 1000LM/1500LM

SURFACE 1-DIRECTION WALL MOUNT

SPECIFICATION

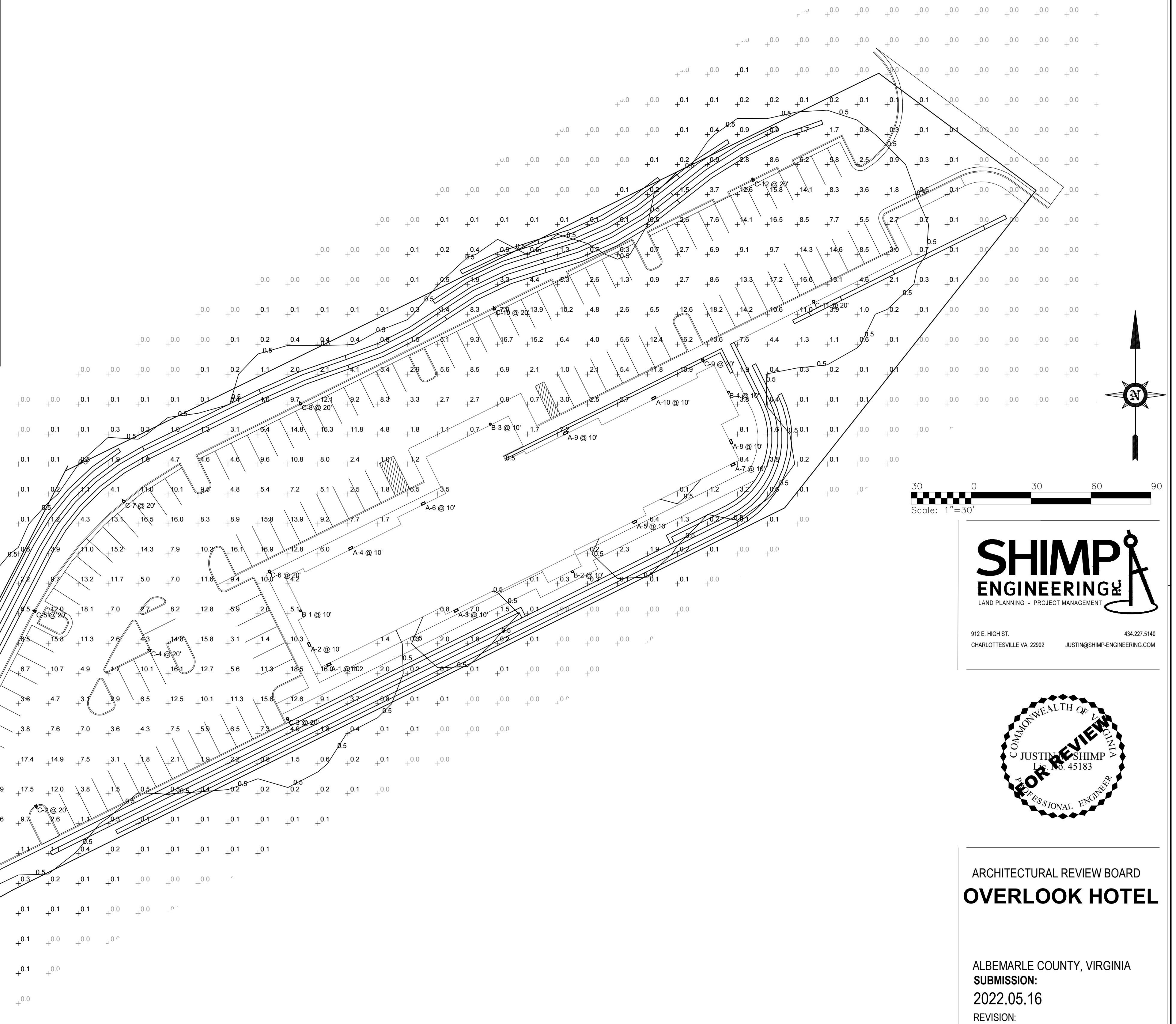


KAXW

LED Wall Luminaire

Ordering Information

EXAMPLE: KAXW LED P3 40K R3 MVOLT DDBXD



Lighting Schedule

Symbol	Label	Quantity	Manufacturer	Catalog Number	Description	Filename	Number of Lamps	Lumens Per Lamp	Light Loss Factor	Wattage
▭	A	10	Lithonia Lighting	KAXW LED P1 30K R3 MVOLT EGS	KAXW LED, PERFORMANCE PACKAGE 1, 3000K, TYPE 3, 120-277V, HOUSE-SIDE SHIELD	KAXW_LED_P1_30K_R3_MVOLT_EGS.ies	1	Absolute	1.00	29.0
○	B	4	Liton Lighting Inc	WD1340B-L15-B45UE-DUN	4" ROUND 1-DIRECTION WALL MOUNT (IP65) - 1500LM	WD1340B-L15-B45UE.ies	1	Absolute	1.00	20.1
□	C	12	LSI INDUSTRIES, INC.	SLM-LED-42L-SIL-3-30-70CRI		SLM-LED-42L-SIL-3-30-70CRI.ies	1	Absolute	1.00	352.0

CALCULATIONS
AVERAGE: 2.5 fc
MAXIMUM: 19.9 fc
MINIMUM: 0.0 fc

LIGHTING NOTES:

1. Each outdoor luminaire equipped with a lamp that emits 3,000 or more initial lumens shall be a full cutoff luminaire and shall be arranged or shielded to reflect light away from adjoining residential districts and away from adjacent roads. The spillover of lighting from luminaires onto public roads and property in residential or rural areas zoning districts shall not exceed one half footcandle.
2. "A" & "B" fixtures shall be mounted at a height of 10'.
3. "C" fixtures shall be mounted at a height of 20' from finished grade which includes the pole base.
4. "A", "B" & "C" fixtures shall have a black finish.
5. "A", "B" & "C" fixtures shall have a CCT of 3000K.

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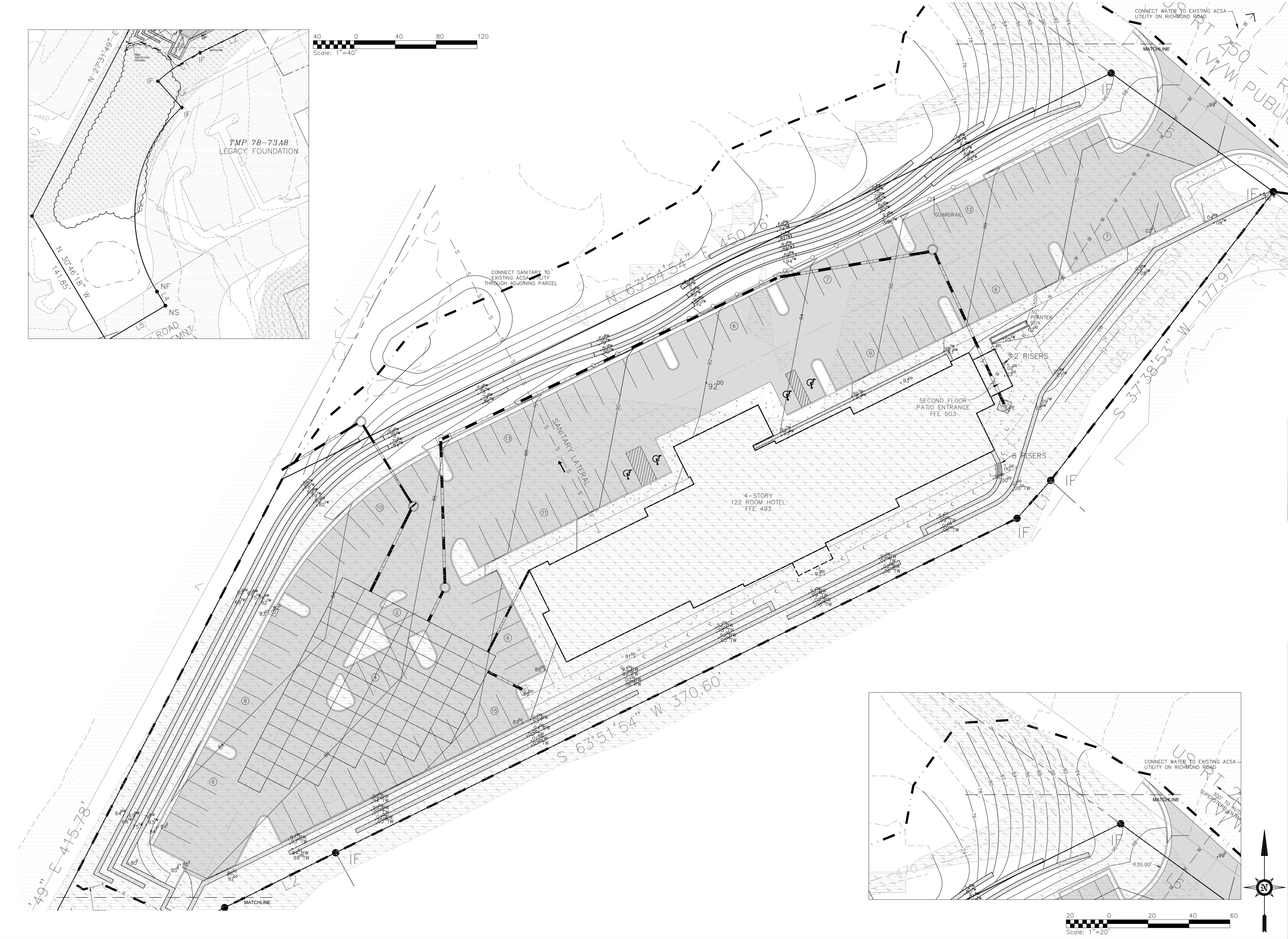
EXHIBIT: LIGHTING PLAN

SHEET C3 of C3

C3



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LAND PLANNING - PROJECT MANAGEMENT

912 E. HIGH ST.
CHARLOTTESVILLE VA, 22902

434.227.5140
JUSTIN@SHIMP-ENGINEERING.COM

COMMONWEALTH OF VIRGINIA
JUSTIN M. SHIMP
Lic. No. 45183
PROFESSIONAL ENGINEER
FOR REVIEW

INITIAL SITE DEVELOPMENT PLAN

OVERLOOK HOTEL

ALBEMARLE COUNTY, VIRGINIA
SUBMISSION:
2021.05.03
REVISION:
2021.09.20 [ARB]
2021.12.27 [ARB]
2022.05.16 [ARB]

FILE NO.
19.039

GRADING & UTILITY PLAN

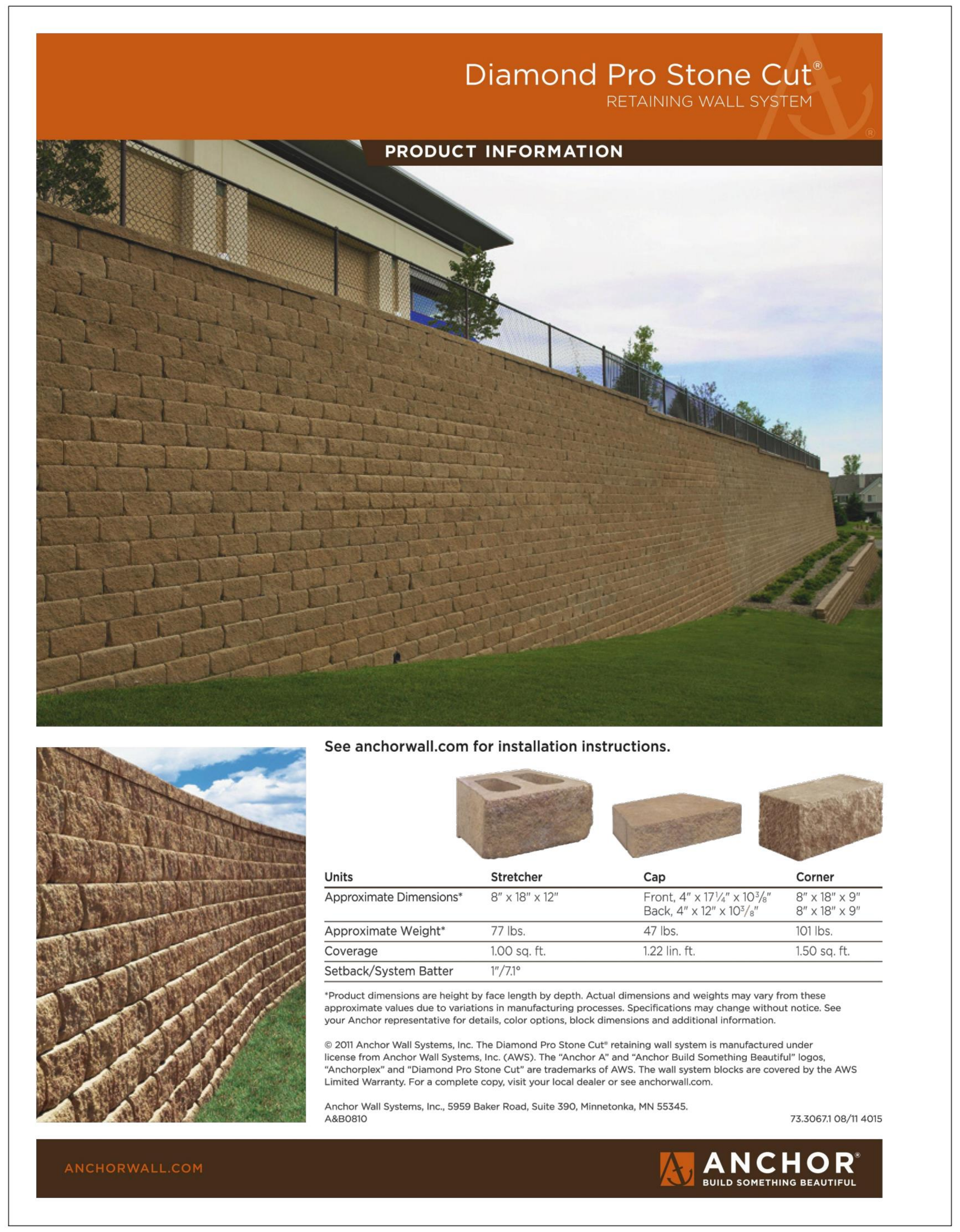
SHEET C4 of C8

C4

Virginia Department of Transportation Details	
201.01	Standard 6" Curb (CG-2)
201.03	Combination 6" Curb & Gutter (CG-6)
203.04	Method of Treatment
204.01	CG-12 Detectable Warning Surface (General Notes)
506.04	Midwest Guardrail System*
506.05	Midwest Guardrail System*

The Standard Drawings contained in the VDOT Road & Bridge Standards are signed and sealed engineering drawings that are copyrighted materials of VDOT and the Commonwealth of Virginia. VDOT's policy is to offer the Standard Drawings in a secure electronic format and each Standard is available on this website. http://www.virginiadot.org/business/locdes/vdot_road_and_bridge_standards.asp

*Finish of guardrail system shall have a corten (rustic brown) finish



Diamond Pro Stone Cut®
RETAINING WALL SYSTEM

PRODUCT INFORMATION

See anchorwall.com for installation instructions.

Units	Stretcher	Cap	Corner
Approximate Dimensions*	8" x 18" x 12"	Front, 4" x 17¼" x 10⅜" Back, 4" x 12" x 10⅜"	8" x 18" x 9" 8" x 18" x 9"
Approximate Weight*	77 lbs.	47 lbs.	101 lbs.
Coverage	1.00 sq. ft.	1.22 lin. ft.	1.50 sq. ft.
Setback/System Batter	1"/7.1°		

*Product dimensions are height by face length by depth. Actual dimensions and weights may vary from these approximate values due to variations in manufacturing processes. Specifications may change without notice. See your Anchor representative for details, color options, block dimensions and additional information.

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Anchor Wall Systems, Inc., 5959 Baker Road, Suite 390, Minnetonka, MN 55345.
A&B0810
73.3067.1 08/11 4015

ANCHORWALL.COM

ANCHOR®
BUILD SOMETHING BEAUTIFUL

Finish of retaining wall to be coordinated with arch. drawings

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2021.12.27 [ARB]
2022.05.02 [ARB]

FILE NO.
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SITE DETAILS

SHEET C8 of C8

C8