

SITE DATA

- 1. **PARCEL ID#:** E0001277012
- 2. **PARCEL ADDRESS:** 3701 R ST., RICHMOND, VA 23223
- 3. **PARCEL OWNER:** SALVATION ARMY
- 4. **MAILING ADDRESS:** P.O. BOX 12400, RICHMOND, VA 23241
- 5. **ZONING:** R-5 RESIDENTIAL (SINGLE-FAMILY)
- 6. **ACREAGE:** 1.134 ac.
- 7. **TRANSFERS:** 00646-A0692
- 8. **EXISTING USE:** PRIVATE NONCOMMERCIAL RECREATION FACILITY / SWIMMING POOL / COMMUNITY CENTER
- 9. **PROPOSED USE:** PRIVATE NONCOMMERCIAL RECREATION FACILITY / SWIMMING POOL / COMMUNITY CENTER
- 10. **PARKING REQUIRED:** 1 space per 100 SF of meeting and club rooms, 8,849 SF ==> 89 SPACES
- 11. **PARKING PROVIDED:** 7 SPACES

SITE INFORMATION

SITE AREA = 49,527.72 SF (1.137 ACRE)
 EXISTING BUILDING AREA
 MAIN LEVEL (FOOTPRINT)= 20,038 SF
 PAVED AREA= 3,409 SF
 FOOTPRINT PLUS PAVED = 23,447 SF
 EXISTING LOT COVERAGE = 47.3%

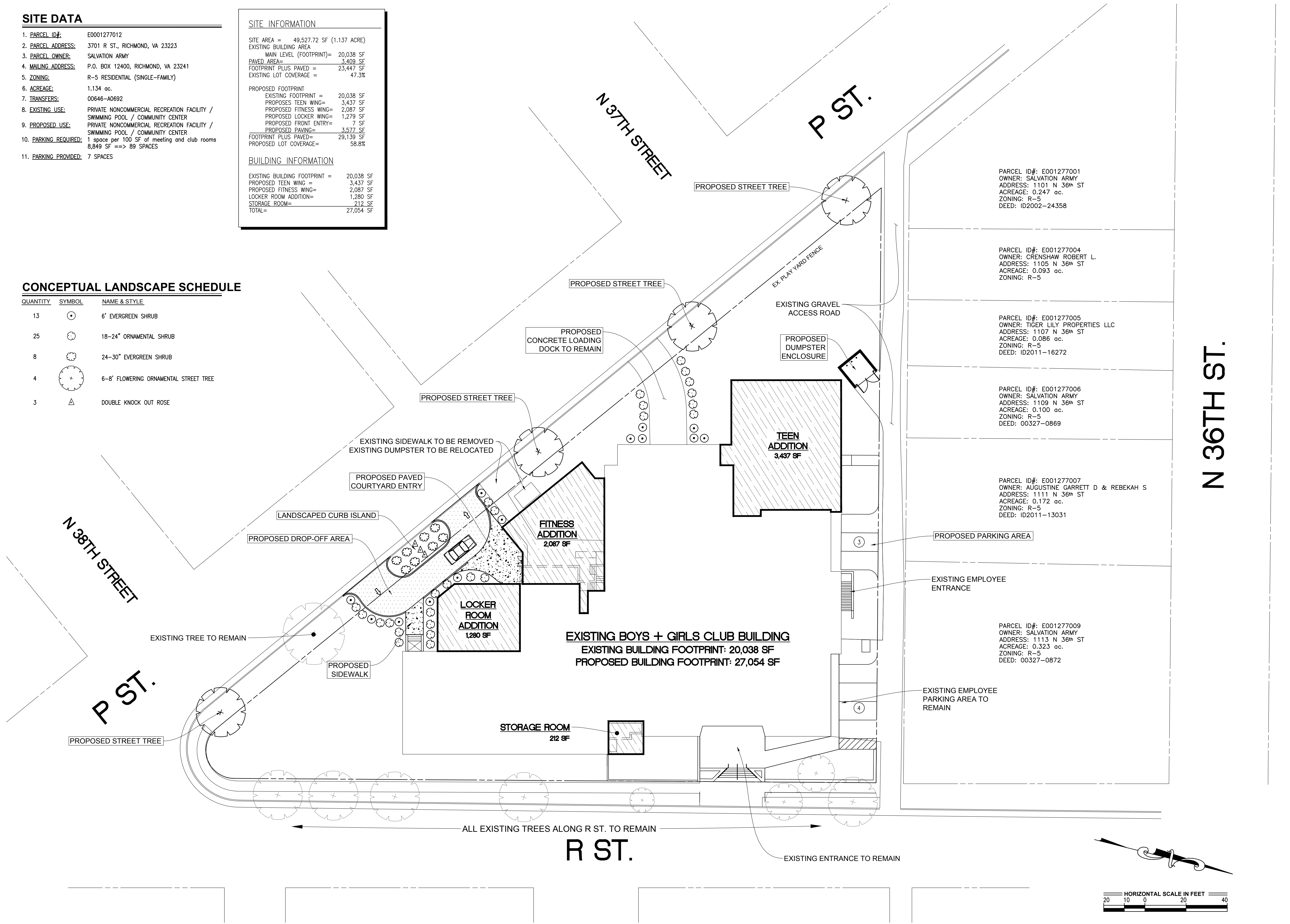
PROPOSED FOOTPRINT
 EXISTING FOOTPRINT = 20,038 SF
 PROPOSES TEEN WING= 3,437 SF
 PROPOSED FITNESS WING= 2,087 SF
 PROPOSED LOCKER WING= 1,279 SF
 PROPOSED FRONT ENTRY= 7 SF
 PROPOSED PAVING= 3,577 SF
 FOOTPRINT PLUS PAVED= 29,139 SF
 PROPOSED LOT COVERAGE= 58.8%

BUILDING INFORMATION

EXISTING BUILDING FOOTPRINT = 20,038 SF
 PROPOSED TEEN WING = 3,437 SF
 PROPOSED FITNESS WING= 2,087 SF
 LOCKER ROOM ADDITION= 1,280 SF
 STORAGE ROOM= 212 SF
 TOTAL= 27,054 SF

CONCEPTUAL LANDSCAPE SCHEDULE

QUANTITY	SYMBOL	NAME & STYLE
13	⊙	6" EVERGREEN SHRUB
25	⊗	18-24" ORNAMENTAL SHRUB
8	⊗	24-30" EVERGREEN SHRUB
4	⊗	6-8" FLOWERING ORNAMENTAL STREET TREE
3	△	DOUBLE KNOCK OUT ROSE



PARCEL ID#: E001277001
 OWNER: SALVATION ARMY
 ADDRESS: 1101 N 36th ST
 ACREAGE: 0.247 ac.
 ZONING: R-5
 DEED: ID2002-24358

PARCEL ID#: E001277004
 OWNER: CRENSHAW ROBERT L.
 ADDRESS: 1105 N 36th ST
 ACREAGE: 0.093 ac.
 ZONING: R-5

PARCEL ID#: E001277005
 OWNER: TIGER LILY PROPERTIES LLC
 ADDRESS: 1107 N 36th ST
 ACREAGE: 0.086 ac.
 ZONING: R-5
 DEED: ID2011-16272

PARCEL ID#: E001277006
 OWNER: SALVATION ARMY
 ADDRESS: 1109 N 36th ST
 ACREAGE: 0.100 ac.
 ZONING: R-5
 DEED: 00327-0869

PARCEL ID#: E001277007
 OWNER: AUGUSTINE GARRETT D & REBEKAH S
 ADDRESS: 1111 N 36th ST
 ACREAGE: 0.172 ac.
 ZONING: R-5
 DEED: ID2011-13031

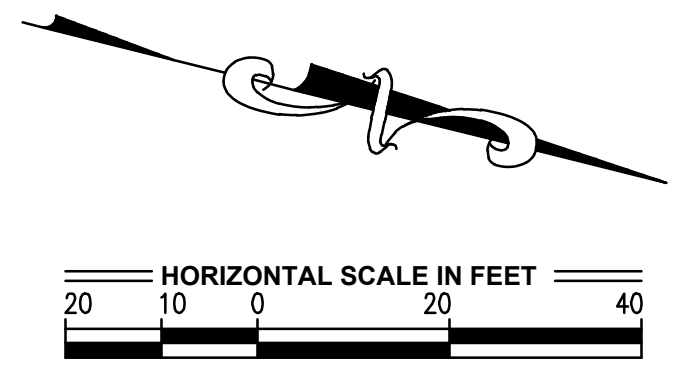
PARCEL ID#: E001277009
 OWNER: SALVATION ARMY
 ADDRESS: 1113 N 36th ST
 ACREAGE: 0.323 ac.
 ZONING: R-5
 DEED: 00327-0872

BURGESS & NIPLE
 5101 COK ROAD | SUITE 150
 GLEN ALLEN, VA 23060
 PH: (804) 320-2667, FAX (804) 323-5131

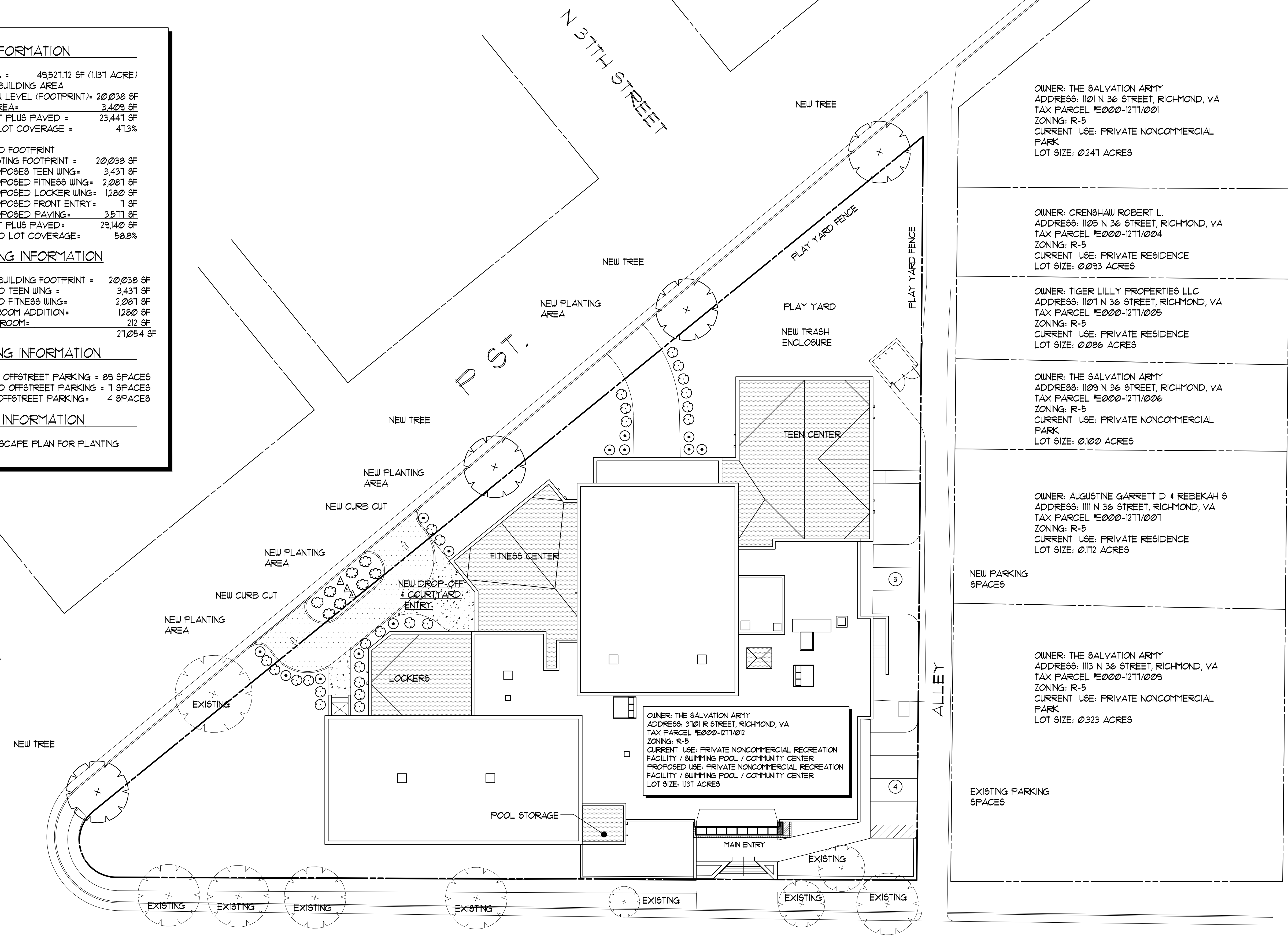
NO.	REVISIONS	DATE

CONCEPTUAL SITE PLAN
SALVATION ARMY BOYS & GIRLS CLUB
 EAST PLANNING DISTRICT
 CITY OF RICHMOND, VA

DATE: 07.08.2015
 SCALE: 1"=20'
 DESIGN: ASM | DRAWN: BWH
 CHECK: | CHECK:
 JOB NO.: N.B.50755
 P.R. NO.: -
 SHEET: 1 OF 1
 FILE NO.: CON SITE PLAN.dwg



SITE INFORMATION	
SITE AREA =	49,521.12 SF (1.131 ACRE)
EXISTING BUILDING AREA	
MAIN LEVEL (FOOTPRINT) =	20,038 SF
PAVED AREA =	3,409 SF
FOOTPRINT PLUS PAVED =	23,447 SF
EXISTING LOT COVERAGE =	47.3%
PROPOSED FOOTPRINT	
EXISTING FOOTPRINT =	20,038 SF
PROPOSED TEEN WING =	3,431 SF
PROPOSED FITNESS WING =	2,081 SF
PROPOSED LOCKER WING =	1,280 SF
PROPOSED FRONT ENTRY =	7 SF
PROPOSED PAVING =	3,511 SF
FOOTPRINT PLUS PAVED =	29,140 SF
PROPOSED LOT COVERAGE =	58.8%
BUILDING INFORMATION	
EXISTING BUILDING FOOTPRINT =	20,038 SF
PROPOSED TEEN WING =	3,431 SF
PROPOSED FITNESS WING =	2,081 SF
LOCKER ROOM ADDITION =	1,280 SF
STORAGE ROOM =	212 SF
TOTAL =	27,054 SF
PARKING INFORMATION	
REQUIRED OFFSTREET PARKING =	89 SPACES
PROPOSED OFFSTREET PARKING =	7 SPACES
EXISTING OFFSTREET PARKING =	4 SPACES
PLANT INFORMATION	
SEE LANDSCAPE PLAN FOR PLANTING SCHEDULE	



OWNER: THE SALVATION ARMY
 ADDRESS: 1101 N 36 STREET, RICHMOND, VA
 TAX PARCEL #E000-1211/001
 ZONING: R-5
 CURRENT USE: PRIVATE NONCOMMERCIAL PARK
 LOT SIZE: 0.241 ACRES

OWNER: CRENSHAW ROBERT L.
 ADDRESS: 1105 N 36 STREET, RICHMOND, VA
 TAX PARCEL #E000-1211/004
 ZONING: R-5
 CURRENT USE: PRIVATE RESIDENCE
 LOT SIZE: 0.093 ACRES

OWNER: TIGER LILLY PROPERTIES LLC
 ADDRESS: 1101 N 36 STREET, RICHMOND, VA
 TAX PARCEL #E000-1211/005
 ZONING: R-5
 CURRENT USE: PRIVATE RESIDENCE
 LOT SIZE: 0.086 ACRES

OWNER: THE SALVATION ARMY
 ADDRESS: 1109 N 36 STREET, RICHMOND, VA
 TAX PARCEL #E000-1211/006
 ZONING: R-5
 CURRENT USE: PRIVATE NONCOMMERCIAL PARK
 LOT SIZE: 0.100 ACRES

OWNER: AUGUSTINE GARRETT D & REBEKAH S
 ADDRESS: 1111 N 36 STREET, RICHMOND, VA
 TAX PARCEL #E000-1211/001
 ZONING: R-5
 CURRENT USE: PRIVATE RESIDENCE
 LOT SIZE: 0.112 ACRES

OWNER: THE SALVATION ARMY
 ADDRESS: 1113 N 36 STREET, RICHMOND, VA
 TAX PARCEL #E000-1211/009
 ZONING: R-5
 CURRENT USE: PRIVATE NONCOMMERCIAL PARK
 LOT SIZE: 0.323 ACRES

OWNER: THE SALVATION ARMY
 ADDRESS: 3101 R STREET, RICHMOND, VA
 TAX PARCEL #E000-1211/012
 ZONING: R-5
 CURRENT USE: PRIVATE NONCOMMERCIAL RECREATION FACILITY / SWIMMING POOL / COMMUNITY CENTER
 PROPOSED USE: PRIVATE NONCOMMERCIAL RECREATION FACILITY / SWIMMING POOL / COMMUNITY CENTER
 LOT SIZE: 1.131 ACRES

N 36TH ST.

N 36TH STREET

N 37TH STREET

R ST.

ALLEY

R ST. CONCEPTUAL SITE PLAN

SCALE: 1:20



DATE: 05/01/15
 REVISIONS: 07/08/15

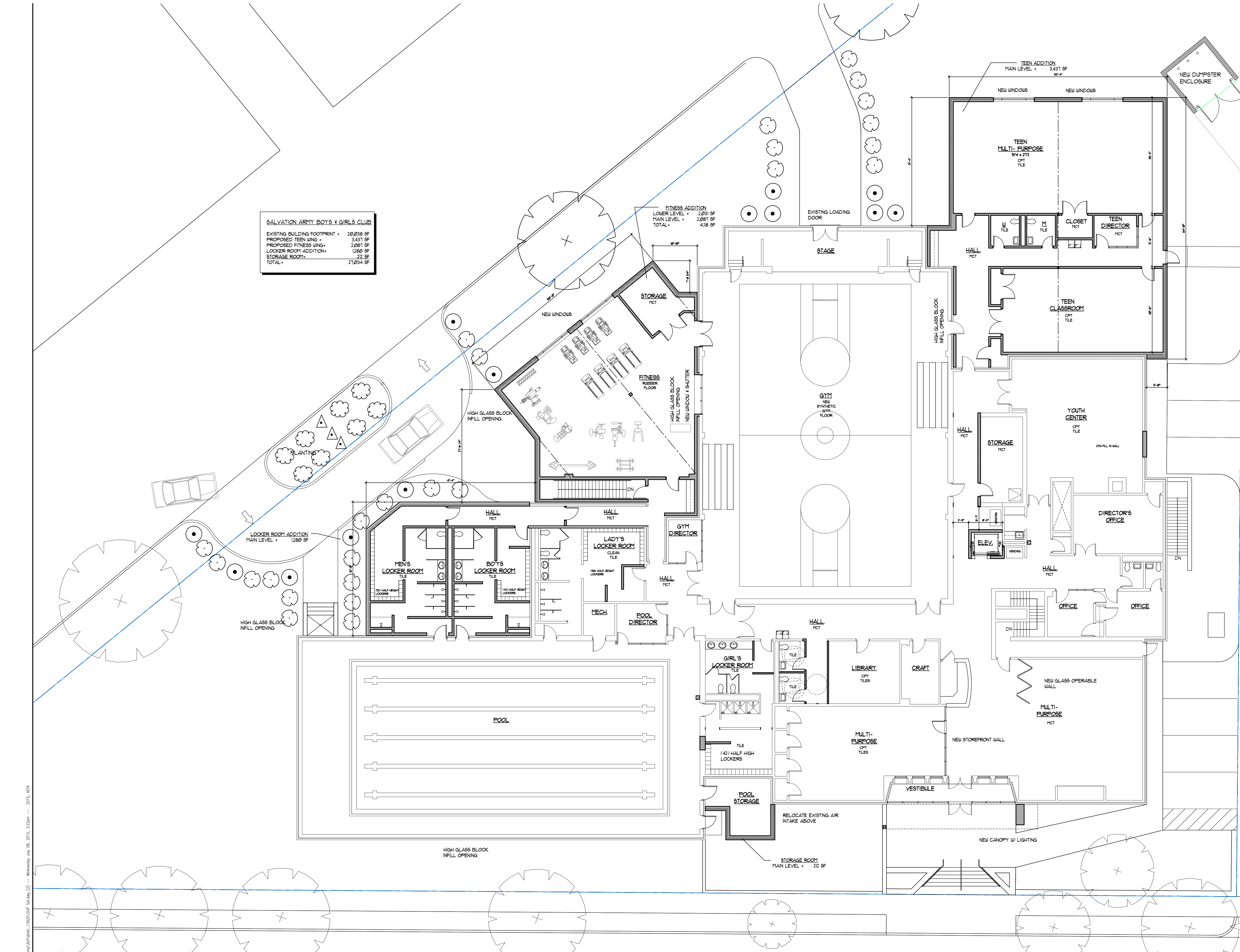
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 MASTER PLAN
 SALVATION ARMY BOYS AND GIRLS CLUB
 3101 R STREET, RICHMOND, VIRGINIA 23223

CONCEPTUAL SITE PLAN

DUMBARTON GREEN
 311 NORTHSHORE AVENUE
 RICHMOND, VIRGINIA 23288
 FAX: 804-626-8071

PROJECT OF ARCHITECTS
 DAYTON & THOMPSON P.C.
 3101 R STREET, RICHMOND, VA 23223
 PHONE: 804-626-8071
 FAX: 804-626-8071
 WWW: DAYTON-THOMPSON.COM

SALVATION ARMY BOYS & GIRLS CLUB	
EXISTING BUILDING FOOTPRINT	20,038 SF
PROPOSED TEEN WING	3,431 SF
PROPOSED FITNESS WING	2,091 SF
LOCKER ROOM ADDITION	1,280 SF
STORAGE ROOM	212 SF
TOTAL*	27,054 SF



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 3700 E STREET, RICHMOND, VIRGINIA 23223

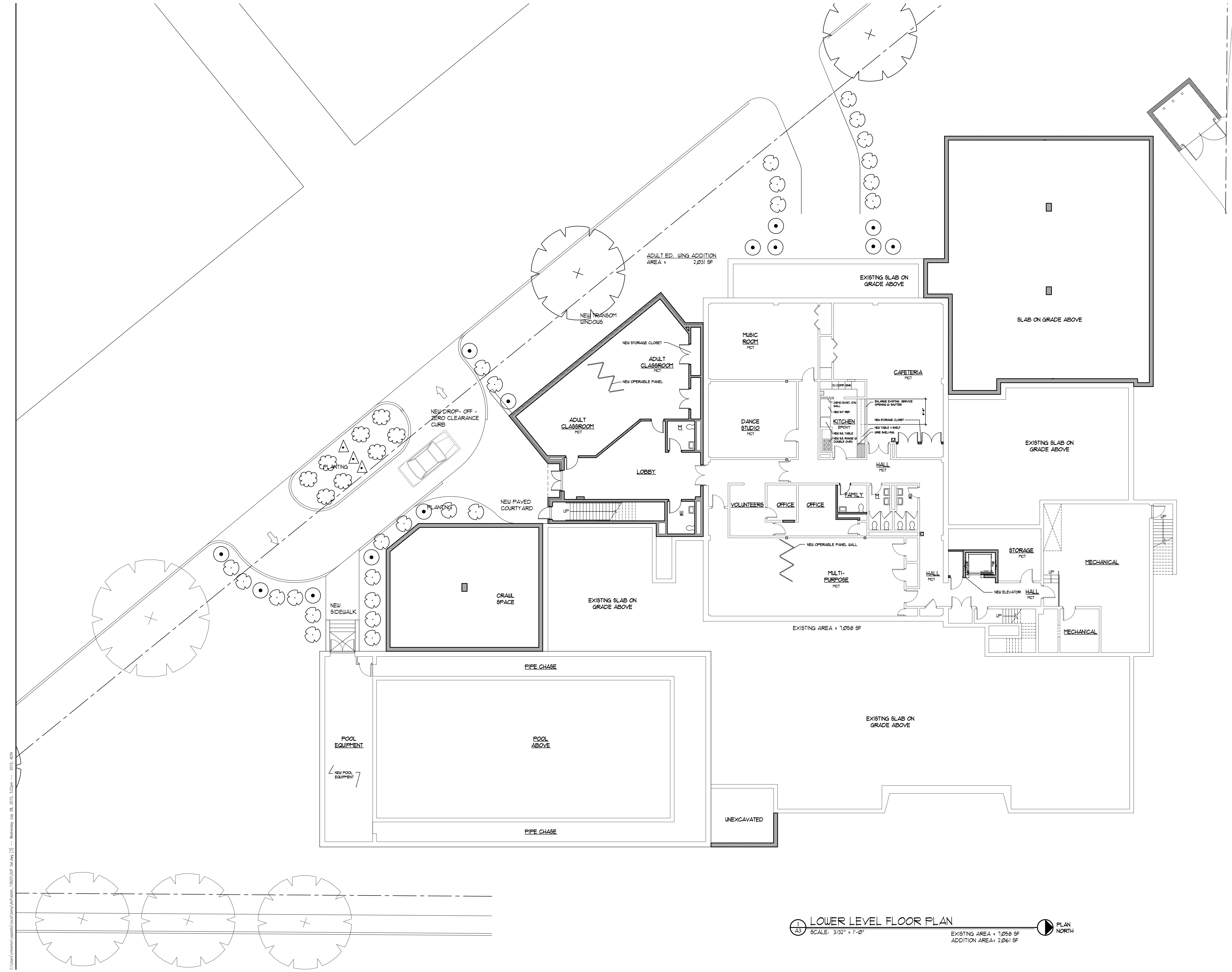
ARCHITECTS DAYTON & THOMPSON P.C. ASSOCIATES
 MAIN LEVEL FLOOR PLAN

DUNBARTON GREEN
 301 NORTHSIDE AVENUE
 RICHMOND, VIRGINIA 23208
 FAX 804-626-8071

1 MAIN LEVEL FLOOR PLAN
 A2 SCALE: 1/8" = 1'-0"
 MAIN LEVEL AREA * 20,038 SF
 ADDITION AREA * 6,936 SF
 TOTAL * 27,034 SF

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 NEW ORLEANS, LA
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 ASSOCIATES, P.C.
 RICHMOND, VA
 PROJECT OF ARCHITECTS
 DAYTON & THOMPSON P.C.
 ASSOCIATES, P.C.
 RICHMOND, VA

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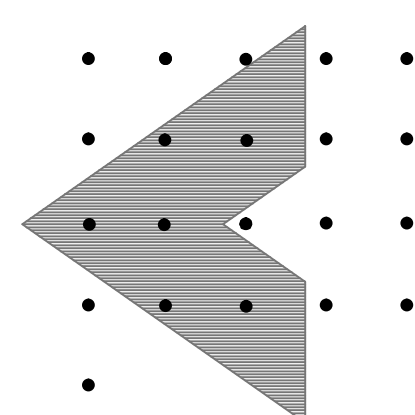


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 SALVATION ARMY BOYS AND GIRLS CLUB
 3701 R STREET, RICHMOND, VIRGINIA 23223

LOWER LEVEL FLOOR PLAN

DUNBARTON GREEN
 3811 NORTHSIDE AVENUE
 RICHMOND, VIRGINIA 23208
 FAX 804-646-8071



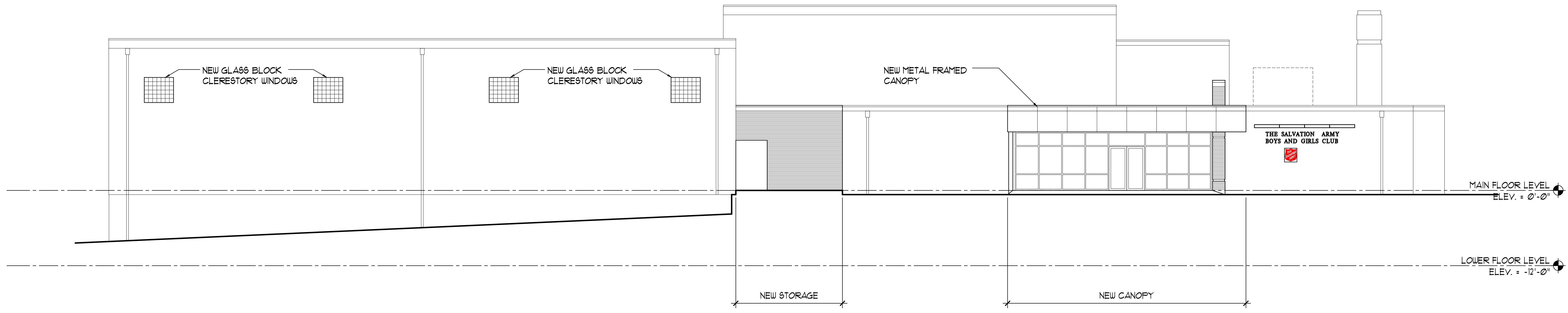
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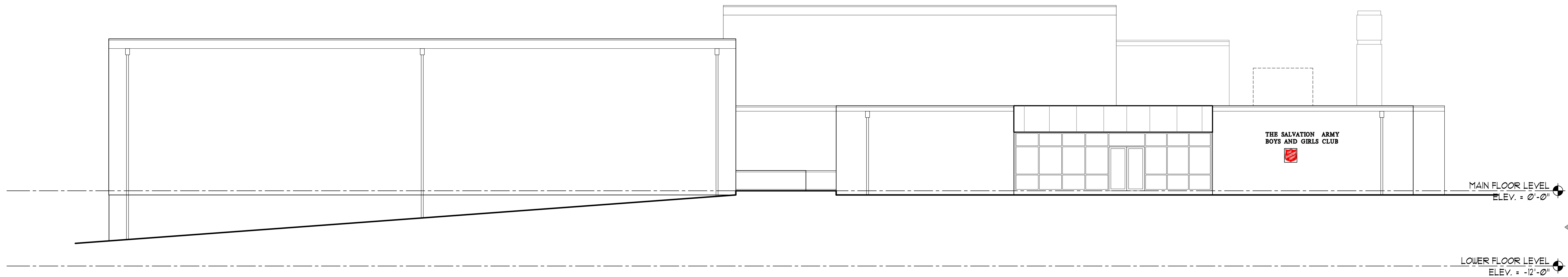
1 LOWER LEVEL FLOOR PLAN
 A3 SCALE: 3/32" = 1'-0"
 EXISTING AREA = 7,058 SF
 ADDITION AREA = 2,031 SF
 PLAN NORTH

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DATE 05/01/15
 REVISIONS 07/08/15



2
A4
PROPOSED EAST ELEVATION
 SCALE: 1/8" = 1'-0"



1
A4
EXISTING EAST ELEVATION
 SCALE: 1/8" = 1'-0"

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 SALVATION ARMY BOYS AND GIRLS CLUB
 3701 R STREET, RICHMOND, VIRGINIA 23223

FRONT ELEVATION
 EXISTING & PROPOSED

DUNBARTON GREEN
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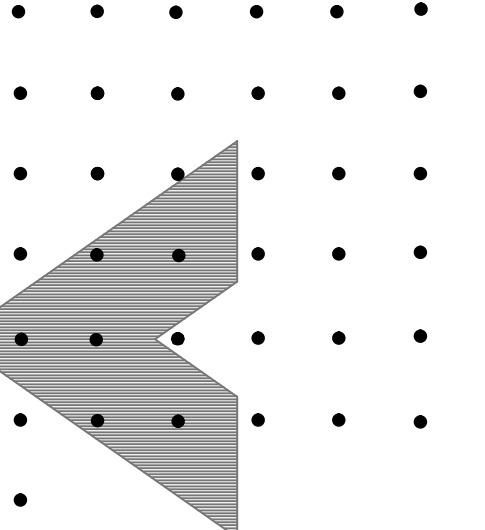
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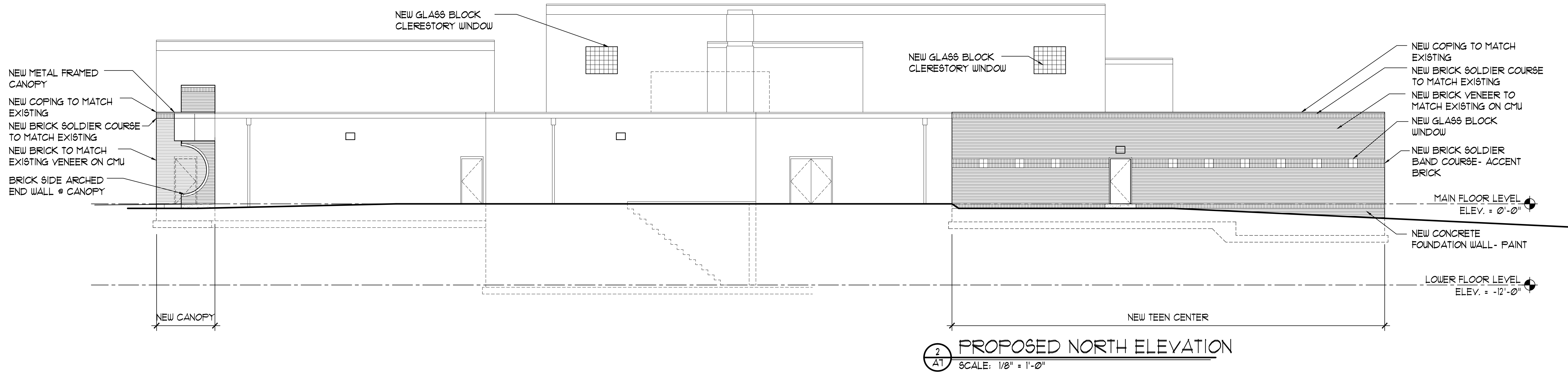
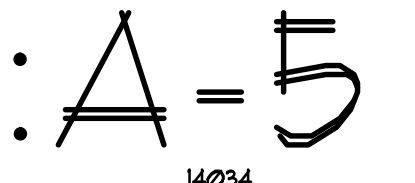
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 3701 R STREET, RICHMOND, VIRGINIA 23223

ARCHITECTS DAYTON & THOMPSON P.C. ASSOCIATES
 NORTH ELEVATION
 EXISTING & PROPOSED

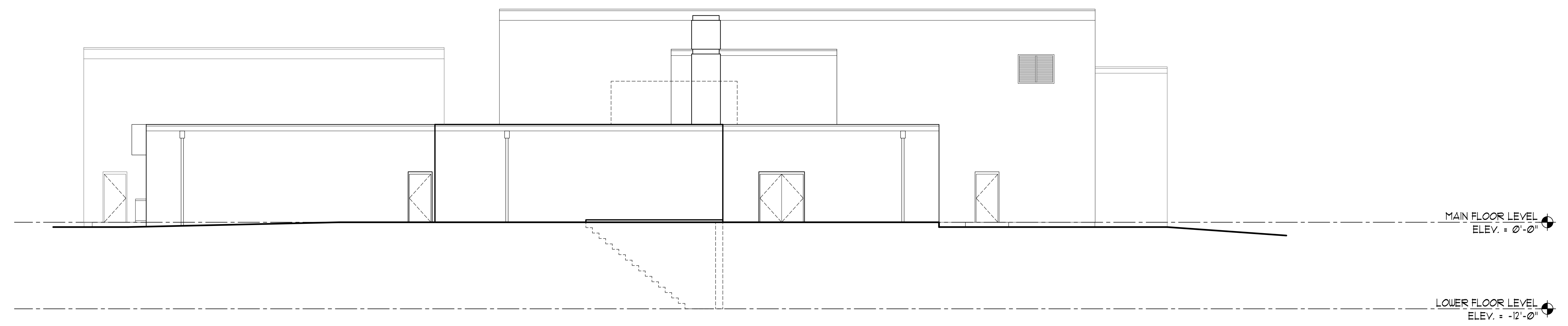
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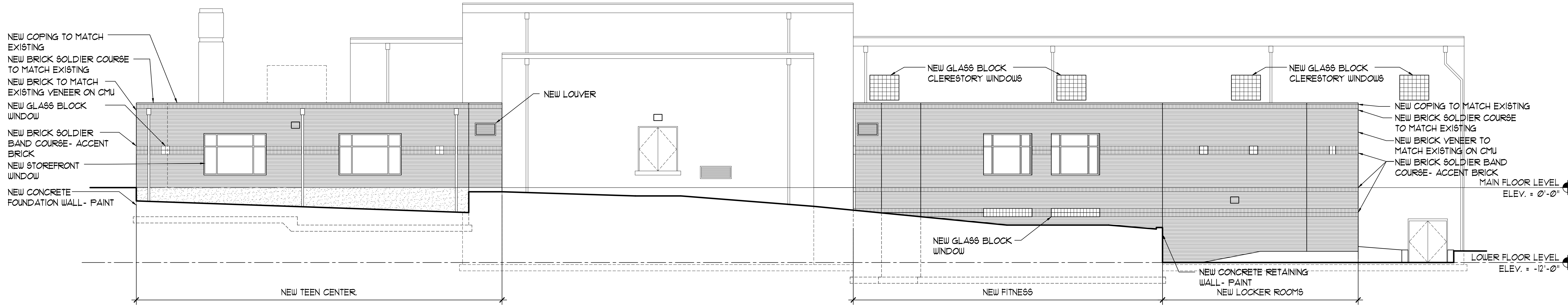


2
 A1 PROPOSED NORTH ELEVATION
 SCALE: 1/8" = 1'-0"

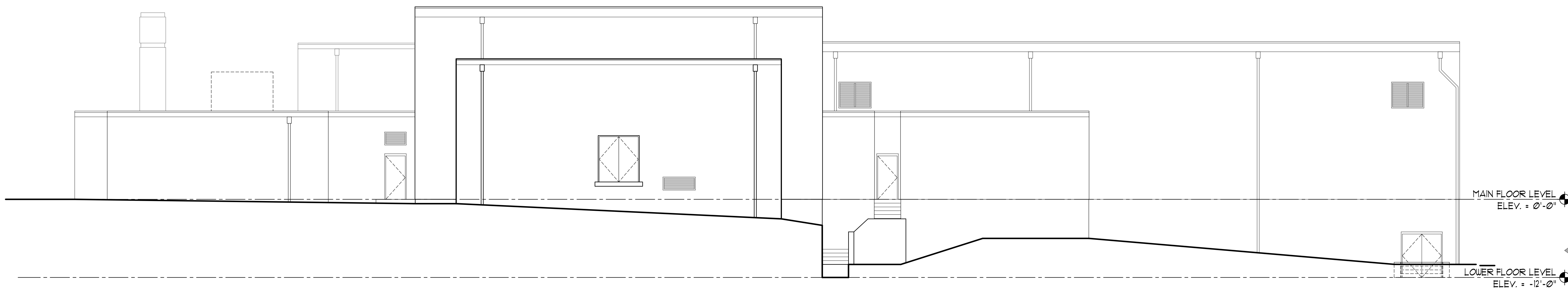


1
 A1 EXISTING NORTH ELEVATION
 SCALE: 1/8" = 1'-0"

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2
A6 PROPOSED WEST ELEVATION
SCALE: 1/8" = 1'-0"



1
A6 EXISTING WEST ELEVATION
SCALE: 1/8" = 1'-0"

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SALVATION ARMY BOYS AND GIRLS CLUB
3701 R STREET, RICHMOND, VIRGINIA, 23223

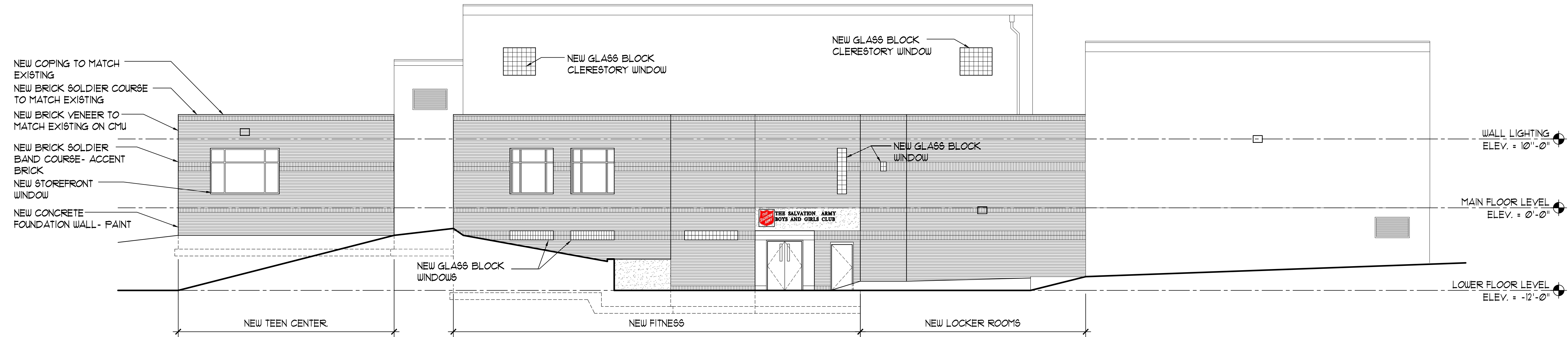
WEST ELEVATION
EXISTING & PROPOSED
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3811 NORTHSIDE AVENUE
RICHMOND, VIRGINIA 23208
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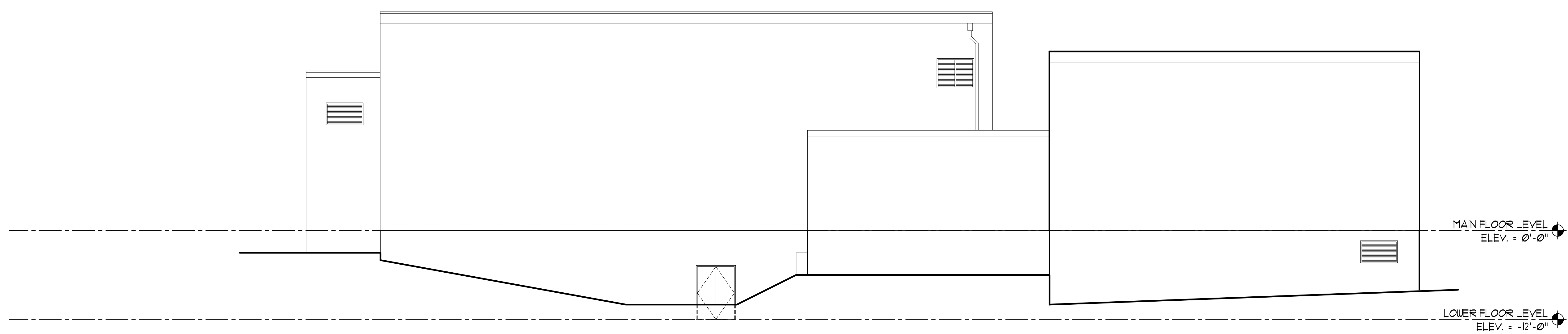
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MASTER PLAN
SALVATION ARMY BOYS AND GIRLS CLUB
3701 R STREET, RICHMOND, VIRGINIA 23223



2
A5 PROPOSED SOUTH ELEVATION
SCALE: 1/8" = 1'-0"

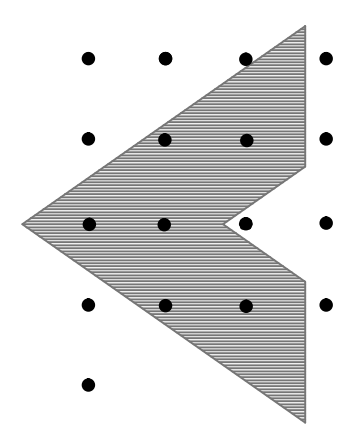


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A5 EXISTING SOUTH ELEVATION
SCALE: 1/8" = 1'-0"

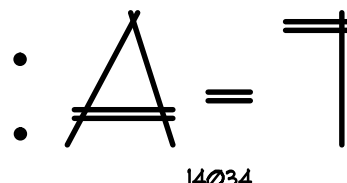
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SOUTH ELEVATION
EXISTING & PROPOSED

DUMBARTON GREEN
3811 NORTHSIDE AVENUE
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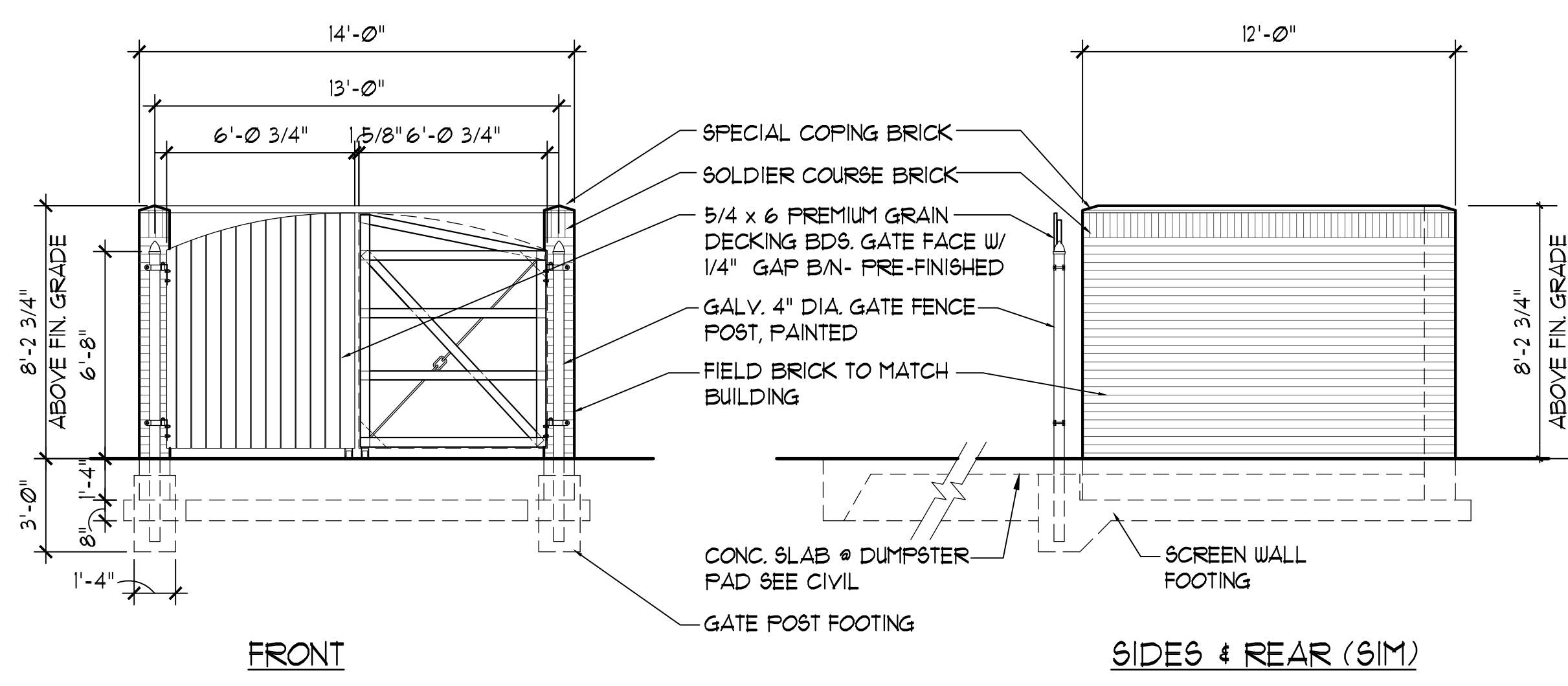
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 SALVATION ARMY BOYS AND GIRLS CLUB
 3701 R STREET, RICHMOND, VIRGINIA 23223

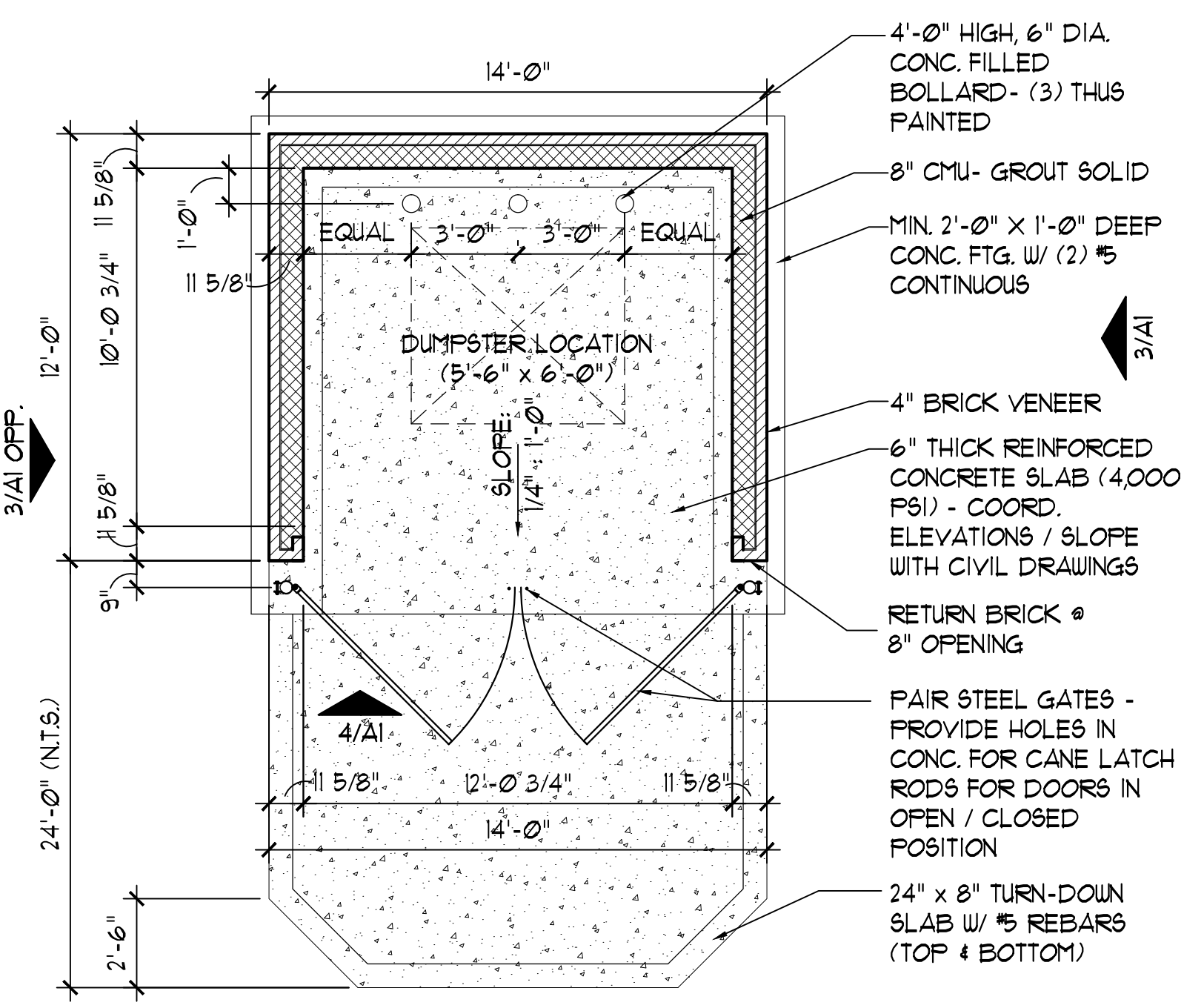
REFUGEE CONTAINER ENCLOSURE
 ELEVATIONS

DUMBARTON GREEN
 3811 NORTHSIDE AVENUE
 RICHMOND, VIRGINIA 23208
 TEL: 804-646-8071
 FAX: 804-646-8071

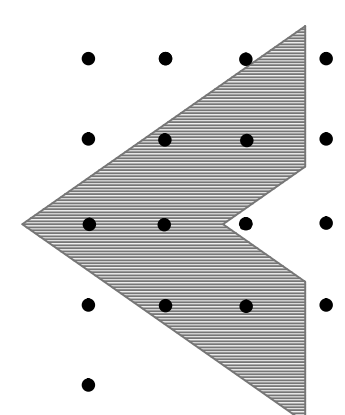


4
A1
DUMPSTER SCREEN ELEV.
 SCALE: 1/4" = 1'-0"

3
A1
DUMPSTER SCREEN ELEV.
 SCALE: 1/4" = 1'-0"



2
A1
REFUGEE CONTAINER SCREEN PLAN
 SCALE: 1/4" = 1'-0"



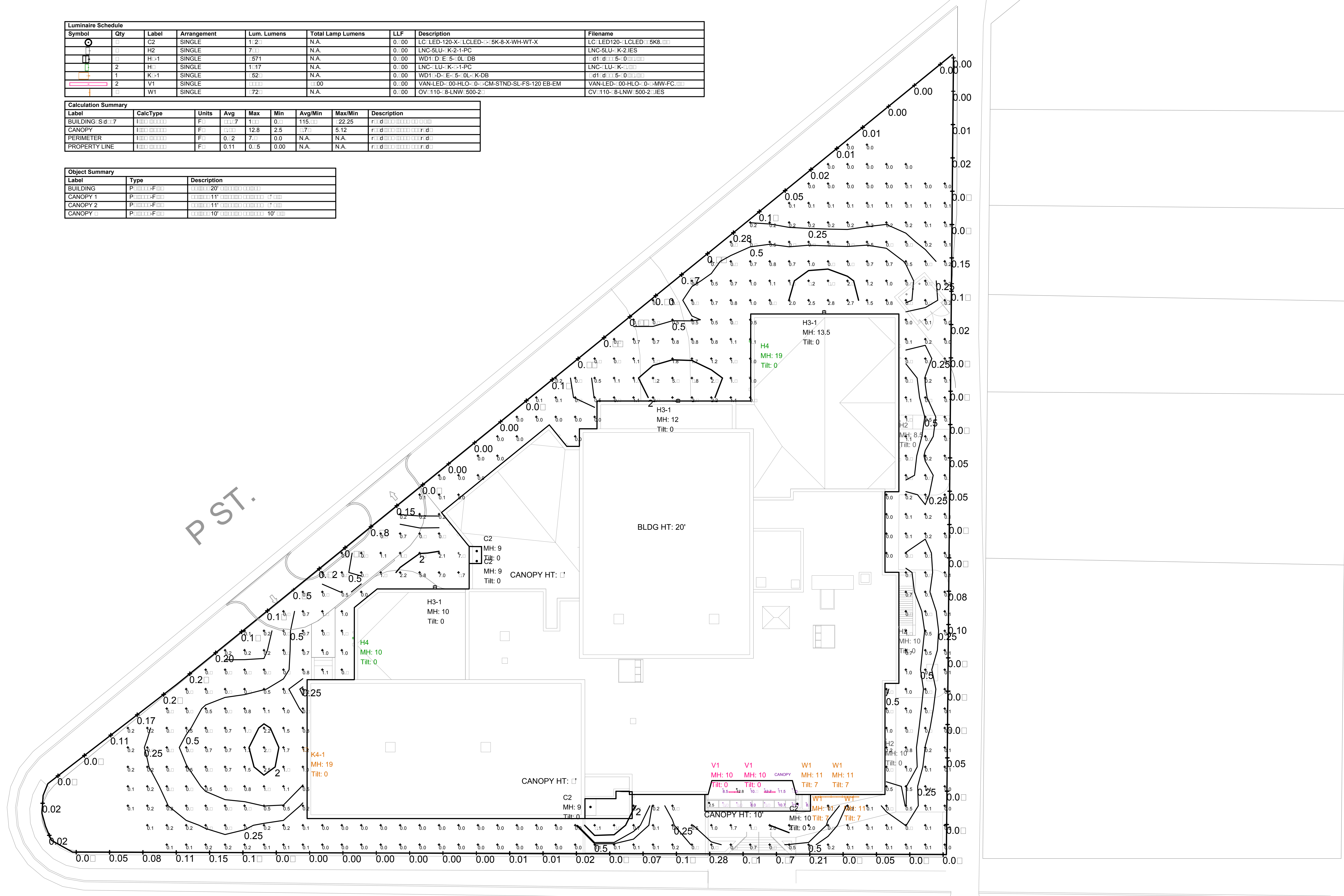
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A = 8

Symbol	Qty	Label	Arrangement	Lum. Lumens	Total Lamp Lumens	LLF	Description	Filename
○	1	C2	SINGLE	1.2	N.A.	0.00	LC-LED-120-X-LCLED-5K-8-X-WH-WT-X	LC-LED120-LCLED-5K8
○	1	H2	SINGLE	7	N.A.	0.00	LNC-SLU-K-2-1-PC	LNC-SLU-K-2-IES
○	1	H1-1	SINGLE	571	N.A.	0.00	WD1-D-E-5-0L-DB	d1-d1-5-0
○	2	H1	SINGLE	1.17	N.A.	0.00	LNC-LU-K-1-PC	LNC-LU-K-1-IES
○	1	K1-1	SINGLE	52	N.A.	0.00	WD1-D-E-5-0L-K-DB	d1-d1-5-0
○	2	V1	SINGLE	110	N.A.	0.00	VAN-LED-00-HLO-0-CM-STND-SL-FS-120-EB-EM	VAN-LED-00-HLO-0-MW-FC
○	1	W1	SINGLE	72	N.A.	0.00	OV-110-8-LNW-500-2	CV-110-8-LNW-500-2-IES

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min	Description
BUILDING Sd 17	F		1.7	1.0	0.1	115.0	22.25	r d
CANOPY	F		12.8	2.5	0.7	5.12	r d	
PERIMETER	F		0.2	7.0	0.0	N.A.	N.A.	r d
PROPERTY LINE	F		0.11	0.5	0.00	N.A.	N.A.	r d

Label	Type	Description
BUILDING	P	20'
CANOPY 1	P	11'
CANOPY 2	P	11'
CANOPY	P	10'



DATE 05/01/15
 REVISIONS 07/08/15

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 MASTER PLAN
 SALVATION ARMY BOYS AND GIRLS CLUB
 3701 R STREET, RICHMOND, VIRGINIA 23223

ARCHITECTS DAYTON & THOMPSON P.C. ASSOCIATES
 SITE LIGHTING PHOTOMETRIC PLAN

DUNBARTON GREEN
 3811 NORTHSIDE AVENUE
 RICHMOND, VIRGINIA 23208
 FAX 804-686-8071

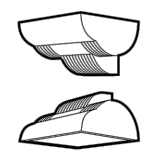
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1
 A9

R ST.

PHOTOMETRIC PLAN
 SCALE: 1/16" = 1'-0"





Lumen Data

Spectroradiometric table with columns for 3000K, 4200K, and 5100K Average, and rows for CCT, CRI, and Power Factor.

Electrical Drive Current table with columns for Volts - AC, Amps - AC, and System Watts, and rows for 120, 208, 240, 277, 347, and 480.

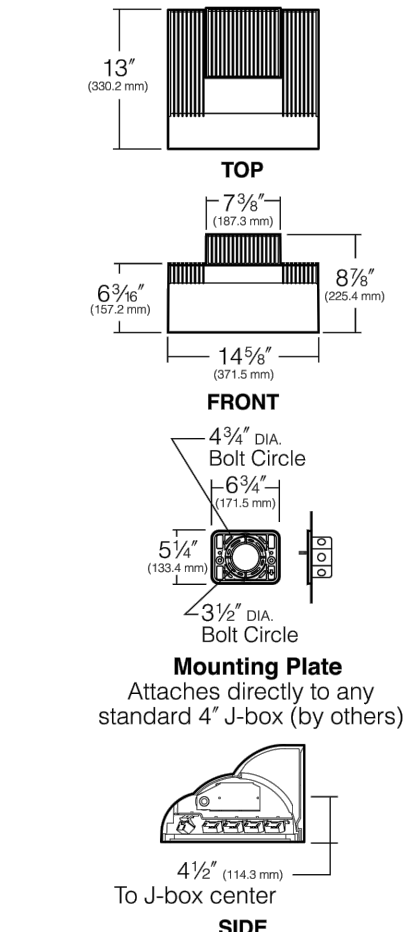
B.U.G. Rating (TM15) in Lumens table with columns for Temperature, Type 2, Type 3, Type 3 NFO, Type 4, and Type 4 NFO, and rows for 3000K, 4200K, and 5100K.

Absolute Lumens table with columns for Temperature, Type 2, Type 3, Type 3 NFO, Type 4, and Type 4 NFO, and rows for 3000K, 4200K, and 5100K.

LED performance and lumen output continues to improve at a rapid pace. Log onto www.kimlighting.com to download the most current photometric files from Kim Lighting's RS File Library.

Specifications

WD14-LED 60 Light Emitting Diodes Total Max System Watts = 65W Maximum Weight = 26 lbs.



Optical Housing: One-piece die-cast, low copper (<0.6% Cu) aluminum alloy with integral cooling fins. Rotates against gear housing to provide 10° of adjustment with degree markers cast into the housing.

Gear Housing: One-piece die-cast, low copper (<0.6% Cu) aluminum alloy with integral cooling fins. Fastens to mounting plate with keyhole slots for securing and wiring.

Lens Frame: One-piece die-cast, low copper (<0.6% Cu) aluminum alloy with integral hinges and stainless steel pins. Toolless access to optical housing with sealing provided by a one-piece extruded and vulcanized silicone gasket.

Electronic Module: All electrical components are UL and CSA recognized, mounted on a single plate and factory prewired with quick-disconnect plugs.

Optical Module: Each precision, replaceable PicoEmitter™ is positioned to achieve directional control toward desired task. The entire EmitterDeck™ fastens to the housing as a one-piece module.

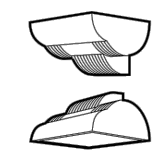
Mounting Plate: Mounting plate attaches directly to any standard 4" junction box. All mounting plates are die-cast aluminum with reinforced ribs.

Finish: Each luminaire receives a fade and abrasion resistant, electrostatically applied, thermally cured, triglycidyl isocyanurate (TGIC) polyester powdercoat finish.

Warranty: Kim Lighting warrants Wall Director LED products ("Products") sold by Kim Lighting to be free from defects in material and workmanship for (i) a period of five (5) years for metal parts, (ii) a period of ten (10) years for exterior housing paint finishes, (iii) a period of six (6) years for LED Light Engines and, (iv) a period of five (5) years for LED power components (driver, surge protector and LifeShield™ device).

CAUTION: Fixtures must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury.

UL 1598, UL 8750 IP66 Rated Suitable for wet locations. KIM LIGHTING RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE.



Lumen Data

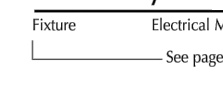
Spectroradiometric table with columns for 3000K, 4200K, and 5100K Average, and rows for CCT, CRI, and Power Factor.

Electrical Drive Current table with columns for Volts - AC, Amps - AC, and System Watts, and rows for 120, 208, 240, 277, 347, and 480.

B.U.G. Rating (TM15) in Lumens table with columns for Temperature, Type 2, Type 3, Type 3 NFO, Type 4, and Type 4 NFO, and rows for 3000K, 4200K, and 5100K.

Absolute Lumens table with columns for Temperature, Type 2, Type 3, Type 3 NFO, Type 4, and Type 4 NFO, and rows for 3000K, 4200K, and 5100K.

LED performance and lumen output continues to improve at a rapid pace. Log onto www.kimlighting.com to download the most current photometric files from Kim Lighting's RS File Library.



Lumen Data

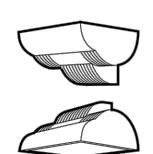
Spectroradiometric table with columns for 3000K, 4200K, and 5100K Average, and rows for CCT, CRI, and Power Factor.

Electrical Drive Current table with columns for Volts - AC, Amps - AC, and System Watts, and rows for 120, 208, 240, 277, 347, and 480.

B.U.G. Rating (TM15) in Lumens table with columns for Temperature, Type 2, Type 3, Type 3 NFO, Type 4, and Type 4 NFO, and rows for 3000K, 4200K, and 5100K.

Absolute Lumens table with columns for Temperature, Type 2, Type 3, Type 3 NFO, Type 4, and Type 4 NFO, and rows for 3000K, 4200K, and 5100K.

LED performance and lumen output continues to improve at a rapid pace. Log onto www.kimlighting.com to download the most current photometric files from Kim Lighting's RS File Library.



Optional Features

Neighbor Friendly Optic: Cat. No. designates WD14 fixture, Up (U) or Down (D) configuration, and light distribution (2, 3 or 4).

Photocell Control: Factory installed inside housing with fully gasketed sensor on side wall.

5° Shield: Aluminum shield field-attached to lens frame. Maintains a horizontal cutoff fixture edge when the luminaire is tilted 5°. Finished to match the fixture.

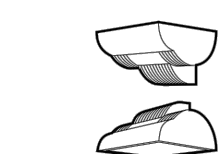
Polycarbonate Lens: Clear flat polycarbonate lens replaces standard tempered glass lens.

Wire Guard: 11 ga. (.12" dia.) BB Wire, (.75" sq. welded mesh pattern), 11 3/4" x 10 1/4" x 1 1/2" deep. Finish is super TGIC thermostat polyester powder coat paint, over zinc plated wireform.

Fusing: Line Volts: 120V 208V 240V 277V 347V 480V. Cat. No.: SF, DF, OF, SF, OF, DF.

Surface Conduit Mount: Cast aluminum junction box and fixture mount for attachment (by others) to existing walls, beams or columns.

Note: Must be securely mounted to all surface.



Standard Features

Fixture: Cat. No. designates WD14 fixture, Up (U) or Down (D) configuration, and light distribution (2, 3 or 4).

Electrical Module: Cat. Nos. for Electrical Modules available: 60L, xK, x.

Finish: Color: Black, Dark Bronze, Light Gray, Stealth Gray, Platinum Silver, White, Custom Color.

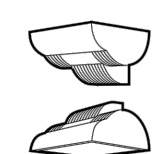
0-10V Dimming Interface: Driver has a 0-10V dimming interface with a dimming range of 10-100%. Is compatible with most control systems.

Color Temperature: 3K = 3000K, 4K = 4200K, 5K = 5100K, 2K = 5800m - Amber.

Note: Must be securely mounted to all surface.

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Note: Must be securely mounted to all surface.



Optional Features

Neighbor Friendly Optic: Cat. No. designates WD14 fixture, Up (U) or Down (D) configuration, and light distribution (2, 3 or 4).

Photocell Control: Factory installed inside housing with fully gasketed sensor on side wall.

5° Shield: Aluminum shield field-attached to lens frame. Maintains a horizontal cutoff fixture edge when the luminaire is tilted 5°. Finished to match the fixture.

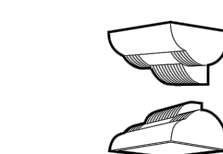
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Wire Guard: 11 ga. (.12" dia.) BB Wire, (.75" sq. welded mesh pattern), 11 3/4" x 10 1/4" x 1 1/2" deep. Finish is super TGIC thermostat polyester powder coat paint, over zinc plated wireform.

Fusing: Line Volts: 120V 208V 240V 277V 347V 480V. Cat. No.: SF, DF, OF, SF, OF, DF.

Surface Conduit Mount: Cast aluminum junction box and fixture mount for attachment (by others) to existing walls, beams or columns.

Note: Must be securely mounted to all surface.



Standard Features

Fixture: Cat. No. designates WD14 fixture, Up (U) or Down (D) configuration, and light distribution (2, 3 or 4).

Electrical Module: Cat. Nos. for Electrical Modules available: 60L, xK, x.

Finish: Color: Black, Dark Bronze, Light Gray, Stealth Gray, Platinum Silver, White, Custom Color.

0-10V Dimming Interface: Driver has a 0-10V dimming interface with a dimming range of 10-100%. Is compatible with most control systems.

Color Temperature: 3K = 3000K, 4K = 4200K, 5K = 5100K, 2K = 5800m - Amber.

Note: Must be securely mounted to all surface.

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Note: Must be securely mounted to all surface.

BIRCHWOOD lighting

VANESSA LED

Wet Location Luminaire
Distributed Array LED

Ceiling Mount | Wall Mount | CSS



15 upright option

Vanessa combines high-end architectural styling with precision engineering to create a strong, elegant wet-location luminaire designed to complement wet exterior or interior installations.

Weather-sealing prevents water and moisture from entering the lens, power entry points and end-caps. Constructed of heavy gauge extruded aluminum, precision-machined smooth end-caps and extruded acrylic lenses, VANESSA is built to last while withstanding elements associated with wet-location applications.

VANESSA is available as LED and single or double 15 or 18, or single 15x30 linear fluorescent lamps, 2', 3', 4', 6' and 8' nominal lengths are standard. Optional slot upright, custom lengths and continuous runs are available.

UL and cUL listed for wet locations.

Made in the USA

FIXTURE SPECIFICATIONS

Construction
Heavy gauge square extruded aluminum housing. Precision-machined aluminum end-caps. Extruded acrylic lenses. Stainless steel hardware. Concealed weather end-caps and end caps, lens and power entry on all stand-alone or continuous run fixtures with an IP65 rating. Feed points accept 1/2" trade size threaded wet location conduit fittings.

Lighting Engine System
LED Light Engines are available as HLO (High Lumen Output) and SLO (Standard Lumen Output) providing efficient illumination. CLO (Custom Lumen Output) allows for end user specified lumen output or tailored wattage consumption for certain models. Consult factory for details.

Dimming
Dimming is available with a variety of control protocols and options. Consult factory for availability and specifications.

Acrylic Lens Options
(FW) Frosted White or (FC) Frosted Clear Impact resistant extruded lens.

Mounting Options
(CS) Cable Suspension System field adjustable 1/2" aircraft cable, (WM) Wall Mount or (CM) Ceiling Mount.

Finishes
(S) Silver, (M) Matte White, or (R) Flat Black. Other powder coat finishes available. Consult factory for details.

Birchwood Lighting • 1302 East Hunter Avenue • Santa Ana, CA 92705 • 714.550.7118 fax 714.550.7151

BIRCHWOOD lighting

VANESSA LED

Wet Location Luminaire
Distributed Array LED

Ceiling Mount | Wall Mount | CSS

Order Code Example: OV1100-34PSK - F514MWOIT - SWF10 - TW016 - RSM

Model Number - Length - Source - Optical Distribution - Mounting Option - Finish - Options

3.1" housing diameter

OV1100-24 (wall) - F514 - 15 - 150 - SWF10 - TW016 - RSM

OV1100-34 (wall) - F514 - 30 - 3000K - SWF10 - TW016 - RSM

OV1100-34PSK (wall) - F514 - 30 - 3000K - SWF10 - TW016 - RSM

OV1100-34PSK (wall) - F514 - 30 - 3000K - SWF10 - TW016 - RSM

OV1100-36 (wall) - F521 - 15 - 150 - SWF10 - TW016 - RSM

OV1100-36 (wall) - F521 - 15 - 150 - SWF10 - TW016 - RSM

OV1100-36PSK (wall) - F521 - 30 - 3000K - SWF10 - TW016 - RSM

OV1100-36PSK (wall) - F521 - 30 - 3000K - SWF10 - TW016 - RSM

OV1100-48 (wall) - F528 - 15 - 150 - SWF10 - TW016 - RSM

OV1100-48 (wall) - F528 - 15 - 150 - SWF10 - TW016 - RSM

OV1100-48PSK (wall) - F528 - 30 - 3000K - SWF10 - TW016 - RSM

OV1100-48PSK (wall) - F528 - 30 - 3000K - SWF10 - TW016 - RSM

OV1100-60 (wall) - F535 - 15 - 150 - SWF10 - TW016 - RSM

OV1100-60 (wall) - F535 - 15 - 150 - SWF10 - TW016 - RSM

OV1100-60PSK (wall) - F535 - 30 - 3000K - SWF10 - TW016 - RSM

OV1100-60PSK (wall) - F535 - 30 - 3000K - SWF10 - TW016 - RSM

Accessories - Order Separately (see Technical Reference Section for additional details)

Power Supply for PSK models (order separately)

Input Voltage - Options - Maximum PSK models per Power Supply

Line Drawings - Abbreviation Key - Photometrics and 3D Modeling

Line Drawings: WM - Wall Mount, CM - Ceiling Mount, CSS - Cable Suspension System

Notes: 1 specify length in nominal feet, 2 control factory for system finish, 3 use options for non-standard selections, 4 factory for code selection, 5 EMs are remote mounted along with the driver(s) and test switch, consult factory for more info, 6 not available for CM option, 7 6' & 8' lengths are made up with (2) 3' fixtures or (2) 4' fixtures respectively, 8 dead (DC) distribution only

LED: VAN-LED-400 (5000K F514)

LED: VAN-LED-400 (5000K F514)

LED: VAN-LED-400 (5000K F514)

Birchwood Lighting • 1302 East Hunter Avenue • Santa Ana, CA 92705 714.550.7118 fax 714.550.7151

Advantus™ Available 360° Lens included for ease of maintenance and preservation of optical integrity



Advantus™ is a high performance, wet location luminaire designed for exterior applications. It features a 360-degree lens for easy maintenance and a lens included for protection of optical integrity. The luminaire is constructed from heavy-duty aluminum and is available in multiple lengths and mounting options.

Features:

- 5 year product warranty
- Extruded aluminum housing with die-cast end caps and mounting hardware
- Clear acrylic lens
- Easy mounting with secure aiming lock
- Standard nominal lengths from 2' to 6'
- Option for continuous run mounting
- Easy relamping
- Fluorescent or low energy, long life LED source
- Source specific optical system
- IP70 Optics™ - Maximum fluorescent efficiency with high performance computer optimized reflector system using Micro Silver and Micro 9 finish
- PSK model - use with PS24 Series 24VDC Class II remote power supplies. Each PS24 can power multiple fixtures (see lead wattage table) and is available with 0-10V analog, Lumen facilities, or DMX-compliant options. System cost are reduced by distributing the PS24 over multiple fixtures, and low-voltage Class II wiring between the PS24 and connected fixtures simplifies installation. The PS24 is not included with fixtures, order separately - see Accessories section.
- High power factor electronic ballast (PF > 0.9) at 100° C operating temperature (fluorescent)
- High power factor integral ballast (fluorescent)
- ETL listed to UL standards (US and Canada) for wet locations

LED Features:

- Remote (PS) maximum high power factor electronic power supply
- Compact current LED driver technology to protect LEDs from over-voltage "low current" conditions that can cause over-heating and premature failure
- Thermally managed within manufacturer specifications to prevent long LED life
- No ultraviolet or infrared, eliminating potential damage to art, fabric and materials
- Mercury free LED source reduces impact to waste stream

800-788-VISA
www.visalighting.com

Advantus™ Available 360° Lens included for ease of maintenance and preservation of optical integrity

Order Code Example: OV1100-34PSK - F514MWOIT - SWF10 - TW016 - RSM

Model Number - Length - Source - Optical Distribution - Mounting Option - Finish - Options

3.1" housing diameter

OV1100-24 (wall) - F514 - 15 - 150 - SWF10 - TW016 - RSM

OV1100-34 (wall) - F514 - 30 - 3000K - SWF10 - TW016 - RSM

OV1100-34PSK (wall) - F514 - 30 - 3000K - SWF10 - TW016 - RSM

OV1100-34PSK (wall) - F514 - 30 - 3000K - SWF10 - TW016 - RSM

OV1100-36 (wall) - F521 - 15 - 150 - SWF10 - TW016 - RSM

OV1100-36 (wall) - F521 - 15 - 150 - SWF10 - TW016 - RSM

OV1100-36PSK (wall) - F521 - 30 - 3000K - SWF10 - TW016 - RSM

OV1100-36PSK (wall) - F521 - 30 - 3000K - SWF10 - TW016 - RSM

OV1100-48 (wall) - F528 - 15 - 150 - SWF10 - TW016 - RSM

OV1100-48 (wall) - F528 - 15 - 150 - SWF10 - TW016 - RSM

OV1100-48PSK (wall) - F528 - 30 - 3000K - SWF10 - TW016 - RSM

OV1100-48PSK (wall) - F528 - 30 - 3000K - SWF10 - TW016 - RSM

OV1100-60 (wall) - F535 - 15 - 150 - SWF10 - TW016 - RSM

OV1100-60 (wall) - F535 - 15 - 150 - SWF10 - TW016 - RSM

OV1100-60PSK (wall) - F535 - 30 - 3000K - SWF10 - TW016 - RSM

OV1100-60PSK (wall) - F535 - 30 - 3000K - SWF10 - TW016 - RSM

Accessories - Order Separately (see Technical Reference Section for additional details)

Power Supply for PSK models (order separately)

Input Voltage - Options - Maximum PSK models per Power Supply

Line Drawings - Abbreviation Key - Photometrics and 3D Modeling

Line Drawings: WM - Wall Mount, CM - Ceiling Mount, CSS - Cable Suspension System

Notes: 1 specify length in nominal feet, 2 control factory for system finish, 3 use options for non-standard selections, 4 factory for code selection, 5 EMs are remote mounted along with the driver(s) and test switch, consult factory for more info, 6 not available for CM option, 7 6' & 8' lengths are made up with (2) 3' fixtures or (2) 4' fixtures respectively, 8 dead (DC) distribution only

LED: VAN-LED-400 (5000K F514)

LED: VAN-LED-400 (5000K F514)

LED: VAN-LED-400 (5000K F514)

Birchwood Lighting • 1302 East Hunter Avenue • Santa Ana, CA 92705 714.550.7118 fax 714.550.7151

LNC SERIES Cat# Job Type H4

HUBBELL Outdoor Lighting

Approvals: [Logos]

SPECIFICATIONS

Intended Use: The compact LED LNC is designed for entry-level illumination for safety, security and identity. Typical mounting height is up to 12 feet with 400' fixture spacing (without acrylic diffuser) and 300' spacing with acrylic diffuser installed. Photometric option is available to provide dusk-to-dawn control for additional energy savings.

Lenses: Full cut-off distribution. Ambient diffuser included, use for applications near entrances or locations where reduced brightness is desired.

Installation: Quick mount bracket provides quick installation, designed for recessed box 4" square junction box.

Construction: Durable die-cast aluminum housing and door. Rugged design protects internal components and provides excellent thermal management for long life. (60,000 hours minimum LED life at 80° C rating per EISA TM-21-11. Powder paint finishes provide lasting appearance in outdoor environments.)

ES Progress Award Winner - 2012

Warranty: Five year limited warranty (for more information visit: <http://www.hubbelloutdoor.com/resources/warranty/>)

Optics/Electrical LED: Drivers are 120-277V, 50/60Hz, Type II, III and Type IV lenses provide wide beam spread.

Dimensions: Lenses, Type II, III or IV: LNC8L - 7 LEDs, 16.8w, 1.4 amp max, 1441 lumens, Type II, III or IV LNC8R - 9 LEDs, 22w, 1.8 amp max, 1806 lumens, Type II, III or IV LNC9L - 80 CR, 400K - 70 CR, and 500K - 67 CR, CCT nominal

Shipping Information: Drivers have greater than 50 power factor and less than 20% Total Harmonic Distortion

CERTIFICATIONS/LISTINGS: [Logos]

ORDERING INFORMATION
ORDERING EXAMPLE: LNC-SLU-SK-3-1-PC1

LNC - [Series] - [Number of LEDs/Source Voltage] - [CCT] - [IES Distribution] - [Finish] - [Options]

1. When PC is ordered, input must match PC voltage
2. Amber LEDs only available on 7UL and 8UL configurations, 350 mA only
3. Designation Convention (D.C.) marked SK models are for use only

REPLACEMENT PART

CATALOG NUMBER DESCRIPTION

93039574 Frosted comfort shield, improved uniformity with only 5% reduction

PHOTOMETRICS

LNC8LU - Type II LNC8LU - Type III LNC8LU - Type IV

PERFORMANCE DATA

# OF LEDES	DRIVE CURRENT (mA)	SYSTEM WATTS	DIST. TYPE	5K (5000K nominal, 67 CR)			4K (4000K nominal, 70 CR)			3K (3000K nominal, 70 CR)			AM (<500 nm wave-length)		
				LUMENS	LPW*	LUMENS	LPW*	LUMENS	LPW*	SYSTEM WATTS	LPW*				
5	12.9W	3	902	78.5	920	72	743	58	712	55					
7	16.6W	3	902	78.5	920	71	725	58	725	58					
9	22W	3	902	78.5	920	71	712	55	712	55					

PROJECTED LUMEN MAINTENANCE

AMBIENT TEMPERATURE LUMEN MULTIPLIER (LMT)

TEMPERATURE LUMEN MULTIPLIER

ELECTRICAL DATA

# OF LEDES	DRIVE CURRENT (mA)	DRIVE CURRENT (mA)	INPUT VOLTAGE (V)	CURRENT (Amps)	SYSTEM POWER (W)
5	1	STD (700mA)	120	0.11	12.9
7	1	STD (700mA)	120	0.14	16.6
9	1	STD (700mA)	120	0.17	22

HUBBELL Outdoor Lighting • 701 Millennium Boulevard • Greenville, SC 29607 • Phone: 864-678-1000

LNC SERIES Cat# Job Type H2

HUBBELL Outdoor Lighting

Approvals: [Logos]

SPECIFICATIONS

Intended Use: The compact LED LNC is designed for entry-level illumination for safety, security and identity. Typical mounting height is up to 12 feet with 400' fixture spacing (without acrylic diffuser) and 300' spacing with acrylic diffuser installed. Photometric option is available to provide dusk-to-dawn control for additional energy savings.

Lenses: Full cut-off distribution. Ambient diffuser included, use for applications near entrances or locations where reduced brightness is desired.

Installation: Quick mount bracket provides quick installation, designed for recessed box 4" square junction box.

Construction: Durable die-cast aluminum housing and door. Rugged design protects internal components and provides excellent thermal management for long life. (60,000 hours minimum LED life at 80° C rating per EISA TM-21-11. Powder paint finishes provide lasting appearance in outdoor environments.)

ES Progress Award Winner - 2012

Warranty: Five year limited warranty (for more information visit: <http://www.hubbelloutdoor.com/resources/warranty/>)

Optics/Electrical LED: Drivers are 120-277V, 50/60Hz, Type II, III and Type IV lenses provide wide beam spread.

Dimensions: Lenses, Type II, III or IV: LNC8L - 7 LEDs, 16.8w, 1.4 amp max, 1441 lumens, Type II, III or IV LNC8R - 9 LEDs, 22w, 1.8 amp max, 1806 lumens, Type II, III or IV LNC9L - 80 CR, 400K - 70 CR, and 500K - 67 CR, CCT nominal

Shipping Information: Drivers have greater than 50 power factor and less than 20% Total Harmonic Distortion

CERTIFICATIONS/LISTINGS: [Logos]

ORDERING INFORMATION
ORDERING EXAMPLE: LNC-SLU-SK-3-1-PC1

LNC - [Series] - [Number of LEDs/Source Voltage] - [CCT] - [IES Distribution] - [Finish] - [Options]

1. When PC is ordered, input must match PC voltage
2. Amber LEDs only available on 7UL and 8UL configurations, 350 mA only
3. Designation Convention (D.C.) marked SK models are for use only

REPLACEMENT PART

CATALOG NUMBER DESCRIPTION

93039574 Frosted comfort shield, improved uniformity with only 5% reduction

PHOTOMETRICS

LNC8LU - Type II LNC8LU - Type III LNC8LU - Type IV

PERFORMANCE DATA

# OF LEDES	DRIVE CURRENT (mA)	SYSTEM WATTS	DIST. TYPE	5K (5000K nominal, 67 CR)			4K (4000K nominal, 70 CR)			3K (3000K nominal, 70 CR)			AM (<500 nm wave-length)		
				LUMENS	LPW*	LUMENS	LPW*	LUMENS	LPW*	SYSTEM WATTS	LPW*				
5	12.9W	3	902	78.5	920	72	743	58	712	55					
7	16.6W	3	902	78.5	920	71	725	58	725	58					
9	22W	3	902	78.5	920	71	712	55	712	55					

PROJECTED LUMEN MAINTENANCE

AMBIENT TEMPERATURE LUMEN MULTIPLIER (LMT)

TEMPERATURE LUMEN MULTIPLIER

ELECTRICAL DATA

# OF LEDES	DRIVE CURRENT (mA)	DRIVE CURRENT (mA)	INPUT VOLTAGE (V)	CURRENT (Amps)	SYSTEM POWER (W)
5	1	STD (700mA)	120	0.11	12.9
7	1	STD (700mA)	120	0.14	16.6
9	1	STD (700mA)	120	0.17	22

HUBBELL Outdoor Lighting • 701 Millennium Boulevard • Greenville, SC 29607 • Phone: 864-678-1000

DATE: 05/01/15

REVISIONS: 07/08/15

ARCHITECTS DAYTON & THOMPSON P.C. ASSOCIATES

3700 B STREET, RICHMOND, VIRGINIA 23233

MASTER PLAN
SALVATION ARMY BOYS AND GIRLS CLUB

ARCHITECTS DAYTON & THOMPSON P.C. ASSOCIATES

311 NORTHWEST AVENUE
RICHMOND, VIRGINIA 23208
PHONE: 804-666-6071

DUMBARTON GREEN

311 NORTHWEST AVENUE
RICHMOND, VIRGINIA 23208
PHONE: 804-666-6071

PROJECT OF ARCHITECTS
DAYTON & THOMPSON P.C.
ASSOCIATES, P.C.
IS THE PROPERTY OF THE PROFESSION. REVISED
DRAWINGS ARE NOT TO BE REPRODUCED OR
TRANSMITTED IN ANY FORM OR BY ANY MEANS
ELECTRONIC, MECHANICAL, PHOTOCOPYING,
RECORDING, OR BY ANY INFORMATION STORAGE
AND RETRIEVAL SYSTEM WITHOUT THE WRITTEN
CONSENT OF ARCHITECTS DAYTON & THOMPSON
P.C. ASSOCIATES, P.C.

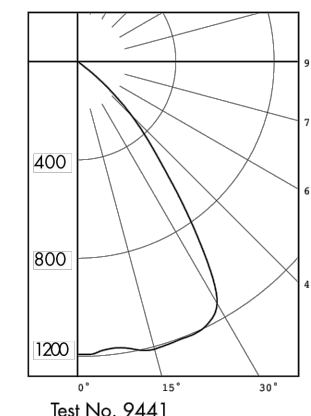
A = 11

14034

PHOTOMETRIC DATA

LiteFrame - 6" LC6LED Downlight

LC6LED120 6LC6LED733K8
LED Light Engine: 3500K, 80+ CRI
System Wattage: 26.0W
Fixture Delivered Lumens: 1797
Fixture Efficacy: 69.1
Spacing Criteria: 1:1

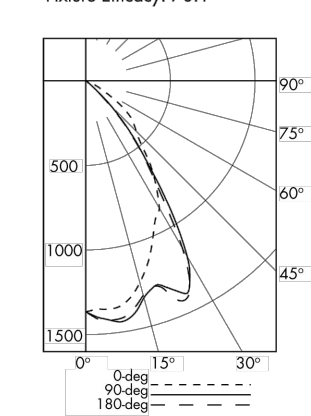


ZONAL LUMEN SUMMARY		LUMINANCE DATA IN CANDELA/ SQ. METER	
ZONE	LUMENS	Angle in Vertical	Average °'
0-60	1791	45°	2041.2
0-90	1797	55°	2081
90-180	0	65°	565
0-180	1797	75°	231
		85°	0

COEFFICIENTS OF UTILIZATION		Zonal Cavity Method	
%	80%	70%	60%
10	0.81	0.71	0.61
20	0.79	0.69	0.59
30	0.77	0.67	0.57
40	0.75	0.65	0.55
50	0.73	0.63	0.53
60	0.71	0.61	0.51
70	0.69	0.59	0.49
80	0.67	0.57	0.47
90	0.65	0.55	0.45

Test No. 9441
Tested at 25°C Ambient in accordance to IESNA LM-79-2008

LC6LED120 6LC6LED733K8 WW
LED Light Engine: 3500K, 80+ CRI
System Wattage: 26.1W
Fixture Delivered Lumens: 1830
Fixture Efficacy: 70.1



ZONAL LUMEN SUMMARY		LUMINANCE DATA IN CANDELA/SQ. METER	
ZONE	LUMENS	Angle in Vertical	90 DEG
0-60	1830	45°	2250
0-90	1830	55°	2385
90-180	0	65°	803.9
0-180	1830	75°	1694
		85°	0

COEFFICIENTS OF UTILIZATION		Zonal Cavity Method	
%	80%	70%	60%
10	0.81	0.71	0.61
20	0.79	0.69	0.59
30	0.77	0.67	0.57
40	0.75	0.65	0.55
50	0.73	0.63	0.53
60	0.71	0.61	0.51
70	0.69	0.59	0.49
80	0.67	0.57	0.47
90	0.65	0.55	0.45

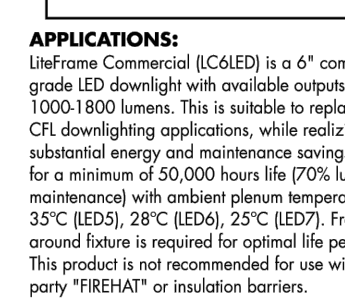
Test No. 15.00244
Tested at 25°C Ambient in accordance to IESNA LM-79-2008



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6" LED Downlight
LC6LED
120 or 277V
0-10V Dimming Option



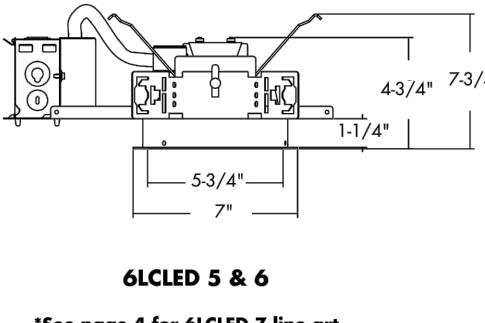
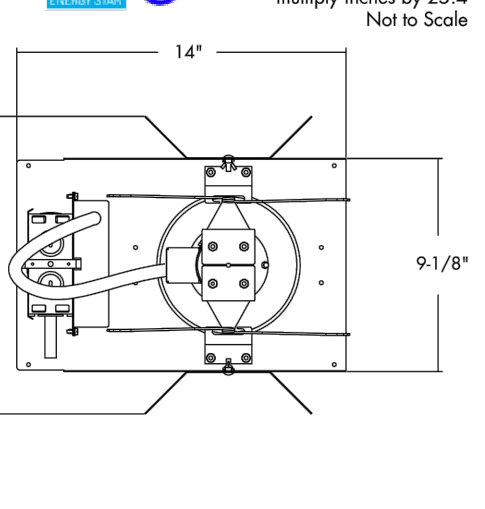
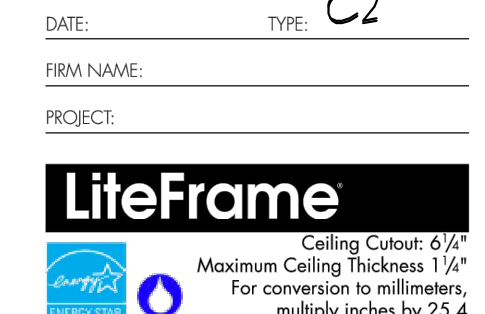
APPLICATIONS:
LiteFrame Commercial (LC6LED) is a 6" commercial grade LED downlight with available outputs between 1000-1800 lumens. This is suitable to replace most CR downlighting applications, while retaining substantial energy and maintenance savings. Rated for a minimum of 50,000 hours life (70% lumen maintenance) with ambient platinum temperatures up to 35°C (95°F), 25°C (77°F), 25°C (77°F), Free Air Flow around fixture is required for optimal life performance. This product is not recommended for use with 3rd party "PHREAT" or insulation barriers.

HOUSING:
A 0-10V dimming option is available (DM), providing flicker-free dimming down to 10%. See list of compatible dimmers on page (4). For the sizing of the control circuit, the dimming circuit may require up to 26kA of sink current.

REFLECTOR:
High purity aluminum, Anod. Inductance suppressed, self-diffuse reflector. Self-trim standard. Painted white self-trim (WT) available as option.

LED LIGHT ENGINE:
The LC6LED uses either 36, 48, 60 mid power Nichia LEDs, specifically mixed to provide a minimum of 80 CRI with 3 SCMD color consistency. The use of multiple mid power LEDs allows for optimal thermal management by effectively spreading the heat over a larger area and eliminating hot spots on the LEDs. A diffuse, yet highly transmissive lens obscures the view of the LEDs and creates a smooth, even look from below. The light engine is available in multiple Kelvin temperatures and the system is designed to provide optimal life and lumen maintenance (50,000 hours at 70% lumen maintenance). The reflector/light engine assembly is mechanically retained to the housing.

WARRANTY:
5 year warranty. See www.prescolite.com for details.



HOUSING:
Chapiece 22 gauge non-convex steel platform. Pre-wired J-box with snap-on cover for easy access. Snap-in connection from driver compartment allows easy installation of light engine/trim assembly and can be upgraded to accommodate technology improvements. Approved for #14 and #12 AWG conductors rated for 90°C through wiring.

REFLECTOR:
High purity aluminum, Anod. Inductance suppressed, self-diffuse reflector. Self-trim standard. Painted white self-trim (WT) available as option.

LED LIGHT ENGINE:
The LC6LED uses either 36, 48, 60 mid power Nichia LEDs, specifically mixed to provide a minimum of 80 CRI with 3 SCMD color consistency. The use of multiple mid power LEDs allows for optimal thermal management by effectively spreading the heat over a larger area and eliminating hot spots on the LEDs. A diffuse, yet highly transmissive lens obscures the view of the LEDs and creates a smooth, even look from below. The light engine is available in multiple Kelvin temperatures and the system is designed to provide optimal life and lumen maintenance (50,000 hours at 70% lumen maintenance). The reflector/light engine assembly is mechanically retained to the housing.

WARRANTY:
5 year warranty. See www.prescolite.com for details.

HOUSING:
Chapiece 22 gauge non-convex steel platform. Pre-wired J-box with snap-on cover for easy access. Snap-in connection from driver compartment allows easy installation of light engine/trim assembly and can be upgraded to accommodate technology improvements. Approved for #14 and #12 AWG conductors rated for 90°C through wiring.

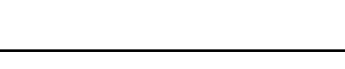
REFLECTOR:
High purity aluminum, Anod. Inductance suppressed, self-diffuse reflector. Self-trim standard. Painted white self-trim (WT) available as option.

LED LIGHT ENGINE:
The LC6LED uses either 36, 48, 60 mid power Nichia LEDs, specifically mixed to provide a minimum of 80 CRI with 3 SCMD color consistency. The use of multiple mid power LEDs allows for optimal thermal management by effectively spreading the heat over a larger area and eliminating hot spots on the LEDs. A diffuse, yet highly transmissive lens obscures the view of the LEDs and creates a smooth, even look from below. The light engine is available in multiple Kelvin temperatures and the system is designed to provide optimal life and lumen maintenance (50,000 hours at 70% lumen maintenance). The reflector/light engine assembly is mechanically retained to the housing.

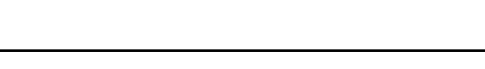
WARRANTY:
5 year warranty. See www.prescolite.com for details.

HOUSING:
Chapiece 22 gauge non-convex steel platform. Pre-wired J-box with snap-on cover for easy access. Snap-in connection from driver compartment allows easy installation of light engine/trim assembly and can be upgraded to accommodate technology improvements. Approved for #14 and #12 AWG conductors rated for 90°C through wiring.

REFLECTOR:
High purity aluminum, Anod. Inductance suppressed, self-diffuse reflector. Self-trim standard. Painted white self-trim (WT) available as option.



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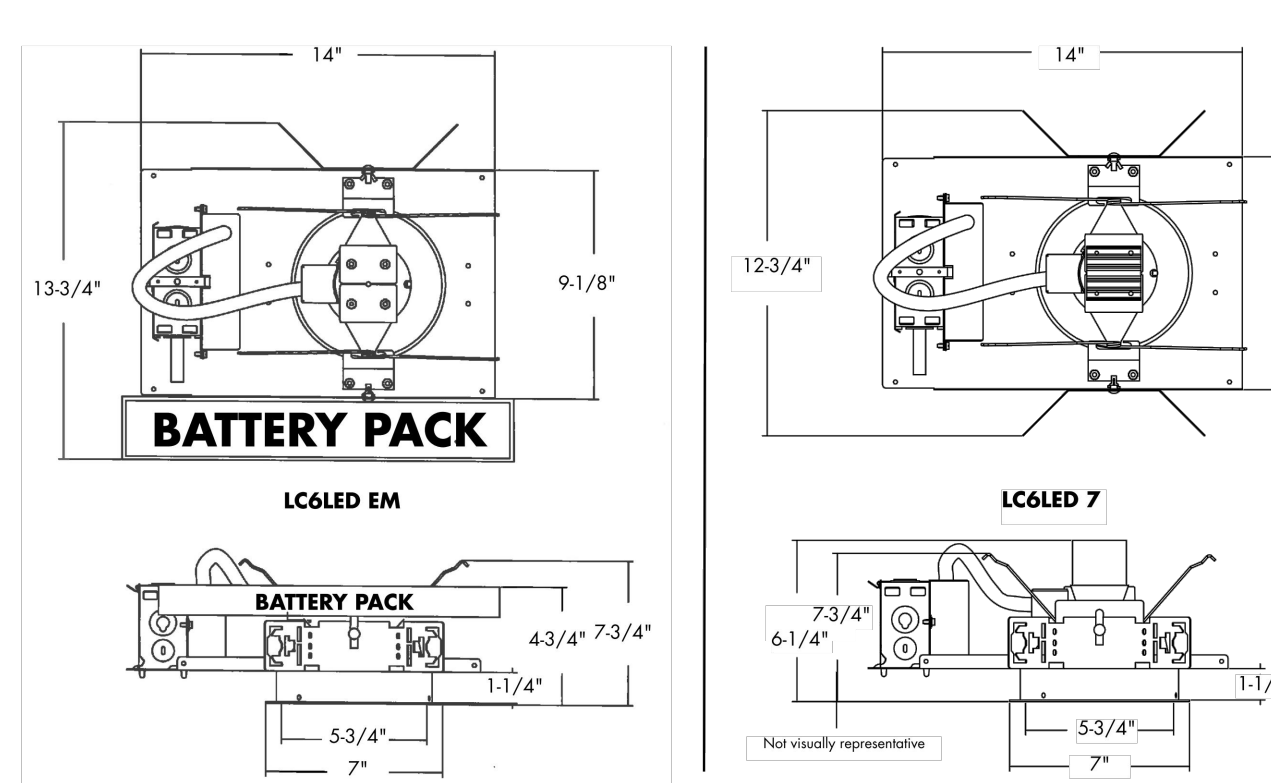


PHOTOMETRIC DATA

LiteFrame - 6" LC6LED Downlight

Dimming Compatibility Table		
Dimming Ballast	Manufacturer	Web Link
DM/DM1	Lutron DTV	http://bit.ly/1iSuZqg
DM/DM1	Leviton AWRMG-xxx, AWRMG-2-xxx, AWRMG-1-xxx	http://bit.ly/1Bln2K2

Central Inverters
For fixture full light output in back-up mode, Prescolite and Duallite have jointly tested the LiteFrame Commercial LED with the 100 (G1) and 250 (G2) VA LineGear Inverters. For more information on LineGear go to http://www.duallite.com/resources/linegear_luminaires_loading_chart/



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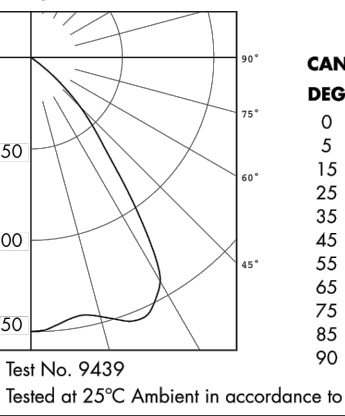


PHOTOMETRIC DATA

LiteFrame - 6" LC6LED Downlight

DRIVER DATA		Lumen Multiplier Table	
6LC6LEDxxx	6LC6LED6xxx	6LC6LED7xxx	
Input Voltage	120, 277V	120, 277V	
Input Frequency	50/60 Hz	50/60 Hz	
Input Current	0.142 (120v) 0.061 (277v)	0.179 (120v) 0.078 (277v)	
Input Power	17.0W	21.5W	
Constant Current Output	700mA	700mA	
Power Factor	>0.90	>0.90	
THD	<25%	<20%	
EMI Filtering	FCC 47CFR Part 15, Class A	FCC 47CFR Part 15, Class A	
Operating Temperature	30°C to +35°C	30°C to +28°C	
Dimming	0-10V	0-10V	
Over-voltage, over-current, short-circuit protected			

LC6LED120 6LC6LED55K8
LED Light Engine: 3500K, 80+ CRI
System Wattage: 17.0W
Fixture Delivered Lumens: 1107
Fixture Efficacy: 65.1
Spacing Criteria: 1:1

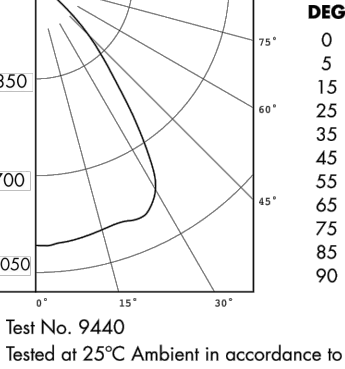


ZONAL LUMEN SUMMARY		LUMINANCE DATA IN CANDELA/ SQ. METER	
ZONE	LUMENS	Angle in Vertical	Average °'
0-60	1104	45°	1603.3
0-90	1107	55°	1040
90-180	0	65°	424
0-180	1107	75°	231
		85°	0

COEFFICIENTS OF UTILIZATION		Zonal Cavity Method	
%	80%	70%	60%
10	0.81	0.71	0.61
20	0.79	0.69	0.59
30	0.77	0.67	0.57
40	0.75	0.65	0.55
50	0.73	0.63	0.53
60	0.71	0.61	0.51
70	0.69	0.59	0.49
80	0.67	0.57	0.47
90	0.65	0.55	0.45

Test No. 9439
Tested at 25°C Ambient in accordance to IESNA LM-79-2008

LC6LED120 6LC6LED65K8
LED Light Engine: 3500K, 80+ CRI
System Wattage: 17.0W
Fixture Delivered Lumens: 1424
Fixture Efficacy: 66.2
Spacing Criteria: 1:1



ZONAL LUMEN SUMMARY		LUMINANCE DATA IN CANDELA/ SQ. METER	
ZONE	LUMENS	Angle in Vertical	Average °'
0-60	1420	45°	2278.4
0-90	1424	55°	1664
90-180	0	65°	424
0-180	1424	75°	231
		85°	0

COEFFICIENTS OF UTILIZATION		Zonal Cavity Method	
%	80%	70%	60%
10	0.81	0.71	0.61
20	0.79	0.69	0.59
30	0.77	0.67	0.57
40	0.75	0.65	0.55
50	0.73	0.63	0.53
60	0.71	0.61	0.51
70	0.69	0.59	0.49
80	0.67	0.57	0.47
90	0.65	0.55	0.45

Test No. 9440
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DATE: 05/01/15
REVISED: 07/08/15

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