

FILE: K:\PROJECTS\259 - ADVANCE AUTO PARTS\003 - ROCKWALL TEXAS\CAD\EXHIBITS\01 SITE PLAN 05.12.15.DWG PLOTTED BY: RUSH VANN PLOTTED ON: 05/12/15 11:10:30 AM

TYPICAL PAD LAYOUT

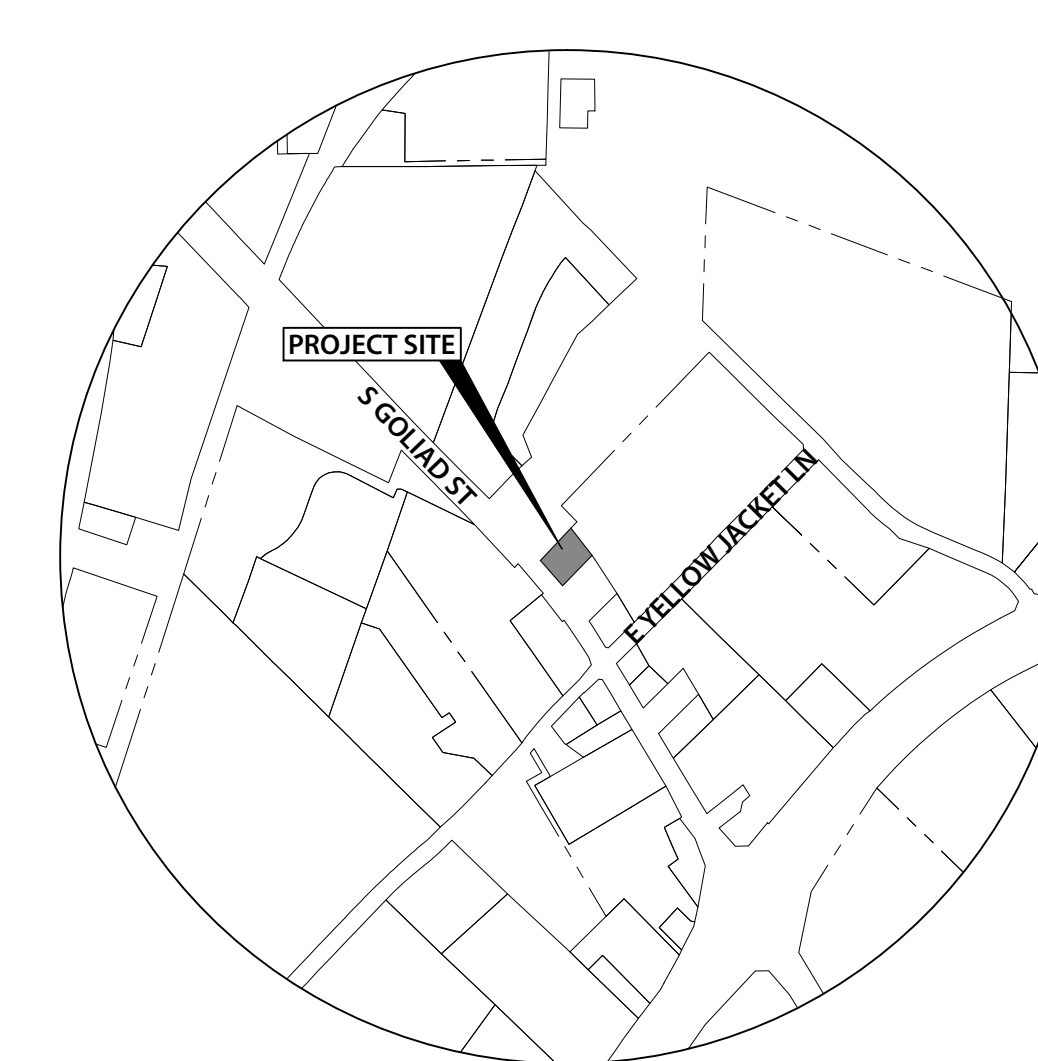
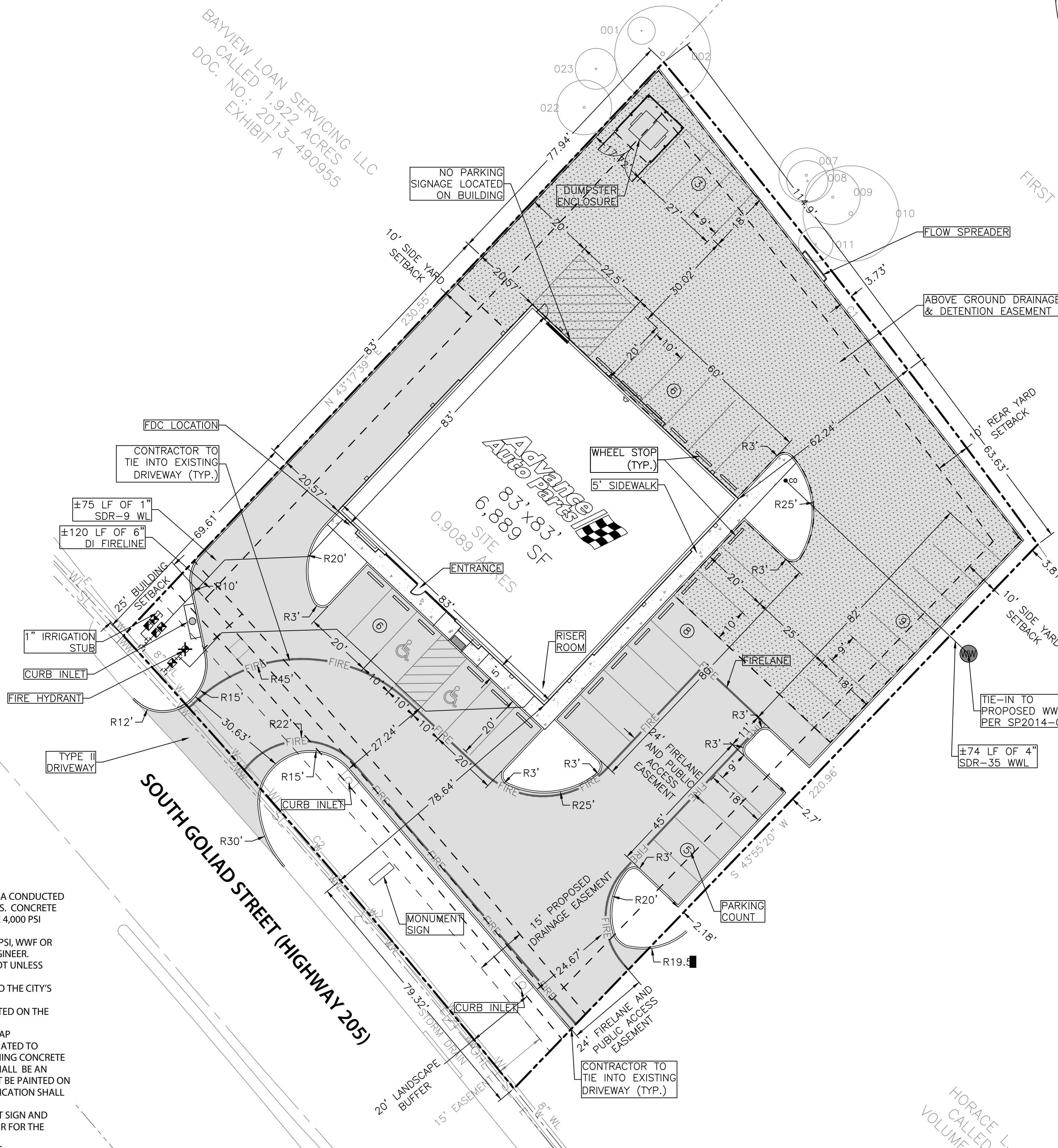
SCALE: NTS

DUMPSTER NOTES:

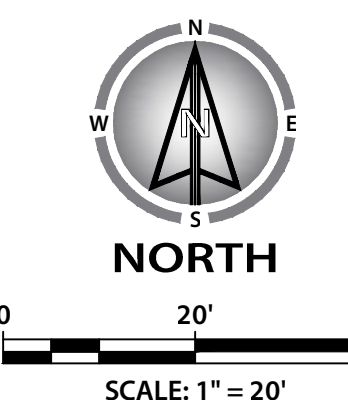
- MINIMUM 8' ENCLOSURE WALL REQUIRED.
- DUMPSTER MATERIALS ARE REQUIRED TO MATCH EXTERIOR OF PRIMARY BUILDING.
- DUMPSTER DOORS TO BE OPAQUE WITH A SELF LATCHING MECHANISM.

NOTES:

- CONTRACTOR TO REFERENCE GEO-TECHNICAL REPORT # 94157076A CONDUCTED BY TERRACON DATED 2-20-15 FOR PAVEMENT RECOMMENDATIONS. CONCRETE PAD AROUND LOADING DOCK AND DUMPSTER LOCATION IS TO BE 4,000 PSI CONCRETE.
- LOADING AREA IS TO CONSIST OF A 6-INCH CONCRETE PAD (3,600 PSI, WWF OR REBAR REINFORCEMENT AS SPECIFIED BY THE GEO-TECHNICAL ENGINEER.
- ALL CURBS ARE TO BE 6-INCHES HIGH AROUND ENTIRE PARKING LOT UNLESS OTHERWISE NOTED.
- ALL MECHANICAL EQUIPMENT SHALL BE SCREENED ACCORDING TO THE CITY'S STANDARDS.
- ALL GROUND-MOUNTED MECHANICAL EQUIPMENT WILL BE LOCATED ON THE ROOF, PLEASE REFER TO ARCHITECTURAL PLANS.
- CONCRETE TEXTURED SURFACE SHALL BE PER THE A.D.A. HANDICAP REGULATIONS. CONCRETE RAMP SHALL ALSO BE COLOR IMPREGNATED TO PROVIDE VISUAL COLOR CONTRAST (DARK TO LIGHT) WITH ADJOINING CONCRETE SURFACES. THE MATERIAL USED TO PROVIDE COLOR CONTRAST SHALL BE AN INTEGRAL (PERMANENT) PART OF THE CONCRETE AND SHALL NOT BE PAINTED ON OR CAPABLE OF FADING OR WEARING OFF. THE CONCRETE SPECIFICATION SHALL BE THE SAME AS SIDEWALK.
- THE CONTRACTOR IS TO STAKE THE LOCATION OF THE MONUMENT SIGN AND NOTIFY ADVANCE AUTO PARTS CONSTRUCTION PROJECT MANAGER FOR THE EARLIEST POSSIBLE INSTALLATION DATE.
- PARKING LOT GRADING SHALL NOT EXCEED 5% MAX. GROSS SLOPE.
- PARKING SPACES ARE TO BE 10' X 20' UNLESS OTHERWISE NOTED.
- ALL ABANDONED ENTRANCES/EXITS ARE TO BE REMOVED.
- THE DEVELOPER/CONTRACTOR IS RESPONSIBLE FOR SETUP AND COSTS OF ALL TEMPORARY UTILITY SERVICES (INCLUDING TEMPORARY POWER) UNTIL THE PROJECT IS TURNED OVER TO AND ACCEPTED BY ADVANCE AUTO PARTS.
- THE CONTRACTOR IS TO PRESSURE WASH ALL PAVED AREAS AND SIDEWALKS THE MORNING PRIOR TO STORE OPENING.
- THE CONTRACTOR SHALL FURNISH AND INSTALL A MAILBOX ON SITE. THE MAILBOX TYPE, LOCATION, AND INSTALLATION SHALL COMPLY WITH THE LOCAL U.S. POST OFFICE REQUIREMENTS. VERIFY REQUIREMENTS PRIOR TO PURCHASE AND ROUGH-IN.
- BASE OF PARKING LOT LIGHT POLES SHALL REMAIN UNPAINTED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING SIGNED AND SEALED CERTIFICATION THAT PARKING LOT MEETS REQUIREMENTS SET FORTH IN THE CONSTRUCTION DOCUMENTS.



VICINITY MAP
SCALE: NTS



LINETYPE LEGEND

PROPOSED	EXISTING	
---	---	RIGHT OF WAY
---	---	LOT BOUNDARY
---	---	EASEMENT
---	---	FENCE: WOOD (PICKET)
---	---	FENCE: WOOD (PRIVACY)
---	---	FENCE: CHAIN LINK
---	---	FENCE: IRON
---	---	ELECTRIC LINE
---	---	GAS LINE
---	---	WASTE WATER LINE
---	---	WATER LINE
---	---	DEDICATED FIRE LINE
---	---	ROAD CENTERLINE
---	---	CURB & GUTTER
---	---	STRIPING
---	---	FIRE LANE STRIPING
---	---	STORM SEWER
---	---	CONCRETE
---	---	CONCRETE PAVEMENT
---	---	PROPOSED DRAINAGE
---	---	EASEMENT FOR ABOVE
---	---	GROUND DETENTION

BLOCK LEGEND

PROPOSED	EXISTING	
+	+	BENCHMARK
+	+	CUT IN CONCRETE
+	+	CONTROL POINT
+	+	IRON PIPE
+	+	IRON ROD
+	+	MONUMENT TYPE 1
+	+	MONUMENT TYPE 2
+	+	MONUMENT TYPE 3
+	+	NAIL
+	+	PIPE CAP
+	+	PIPE FLOW
+	+	MISCELLANEOUS VALVE
+	+	UTILITY VALVE
+	+	UTILITY METER
+	+	BACKFLOW PREVENTER
+	+	FLUSH CONNECTION
+	+	FIRE HYDRANT
+	+	WASTE WATER M.H.
+	+	CLEANOUT
+	+	STORM M.H.
+	+	DOWN SPOUT
+	+	AREA INLET
+	+	CURB INLET
+	+	HEADWALL
+	+	SAFETY END TREATMENT
+	+	DRAINAGE FLOW
+	+	ELEC. M.H.
+	+	ELEC./TELE. POLE
+	+	GUY WIRE
+	+	LIGHT FIXTURE
+	+	UTILITY (PULL) BOX
+	+	SIGN
+	+	TREE

SITE DATA TABLE

ITEM	QTY.
EXISTING ZONING	C - COMMERCIAL
PROPOSED ZONING	C - COMMERCIAL
LAND USE DESIGNATION	GENERAL RETAIL
SITE ACREAGE	0.909 AC
IMPERVIOUS COVERAGE: AREA	31,136.22 SF
IMPERVIOUS COVERAGE: PERCENT	78.64%
BUILDING SQUARE FOOTAGE	6,889 SF
NUMBER OF STORIES	1
MAXIMUM BUILDING HEIGHT	PER ORDINANCE
REQUIRED PARKING (9'x18' SP)	1 SP/250 SF = 28
SPACES PROVIDED: STANDARD	35
SPACES PROVIDED: HANDICAP	2
SPACES PROVIDED: VAN ACCESS	0
SPACES PROVIDED: LOADING	1

DATE

REVISION / DESCRIPTION

REV

OWNER INFORMATION

ROCKWALL ICE CREAM HOLDINGS, LLC
PO BOX 852
COLUMBIA, SC 29045
WAXAHACHIE, TX 75168
CONTACT: COLLINS HARTZOG
PHONE: (803) 361-6718

PROJECT INFORMATION

ADVANCE AUTO PARTS - ROCKWALL
1415 S GOLIAD STREET
CITY OF ROCKWALL, ROCKWALL COUNTY, TX

DESIGNER

JENNIFER M. GARCIA
PROFESSIONAL ENGINEER
106500

CHECKED BY:

JENNIFER GARCIA, PE

JOB NUMBER:

259-003

ISSUE DATE:

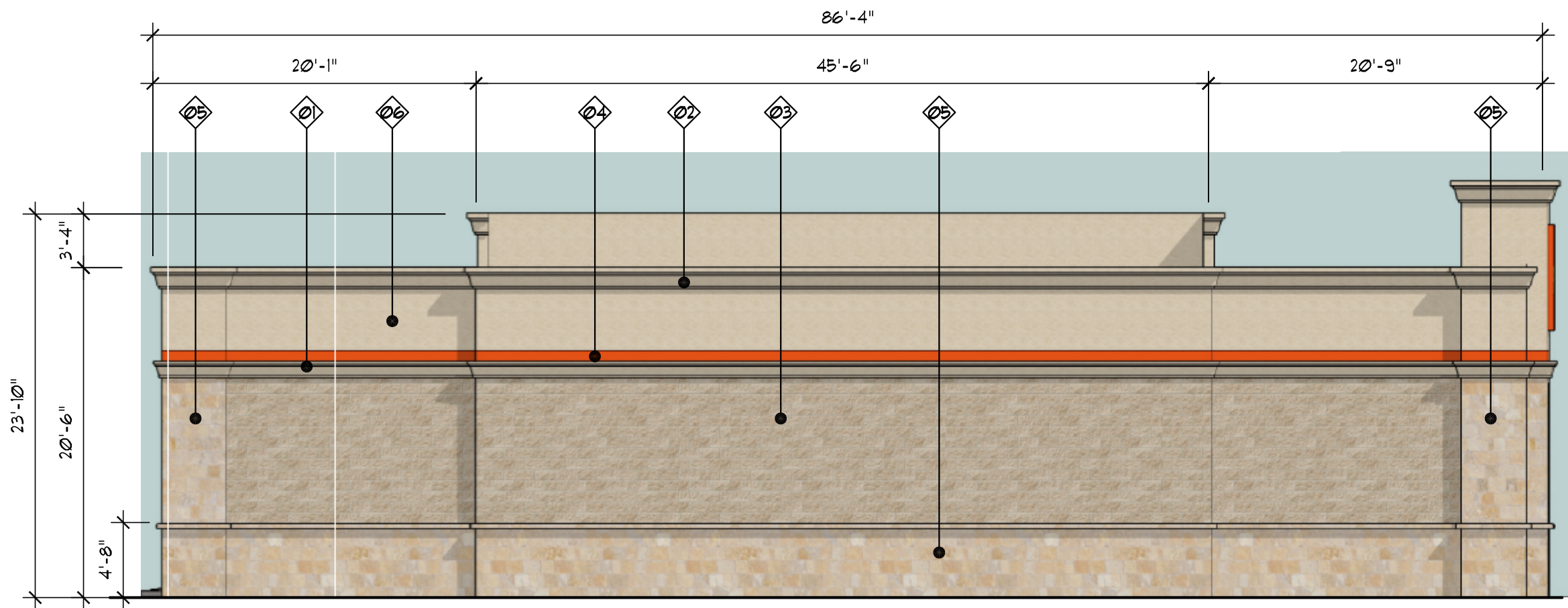
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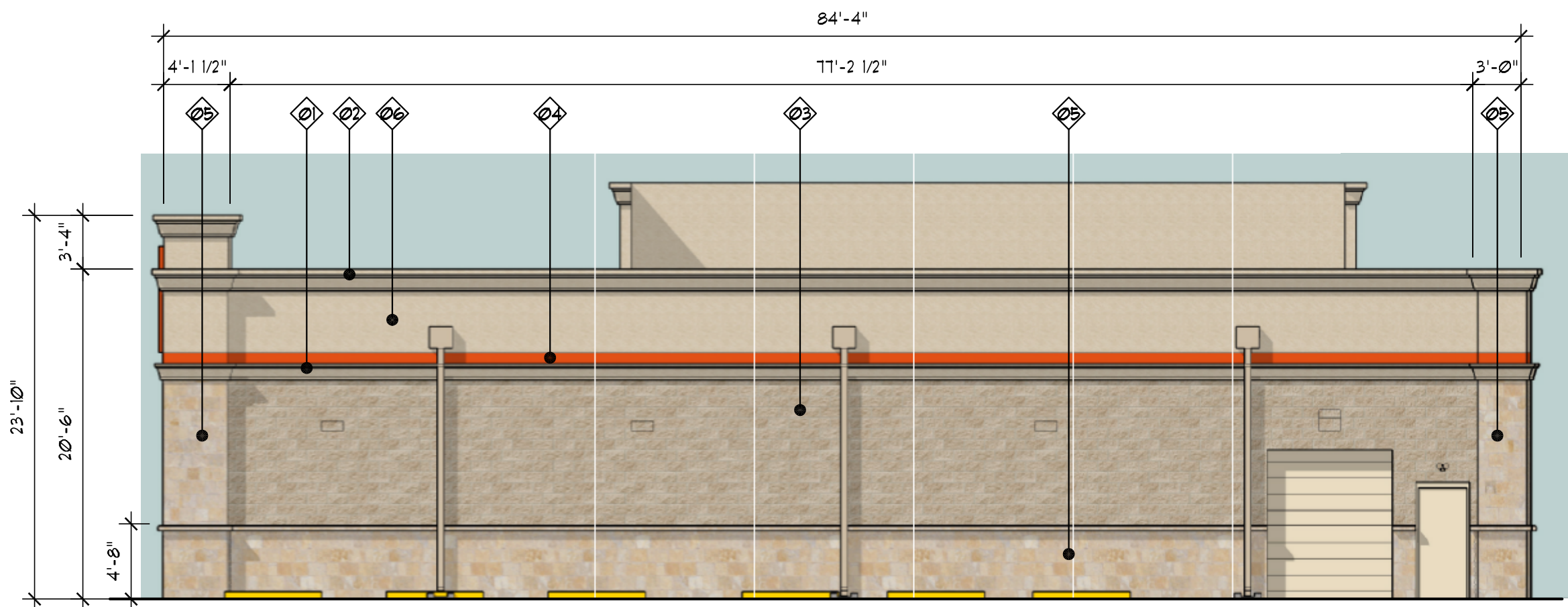
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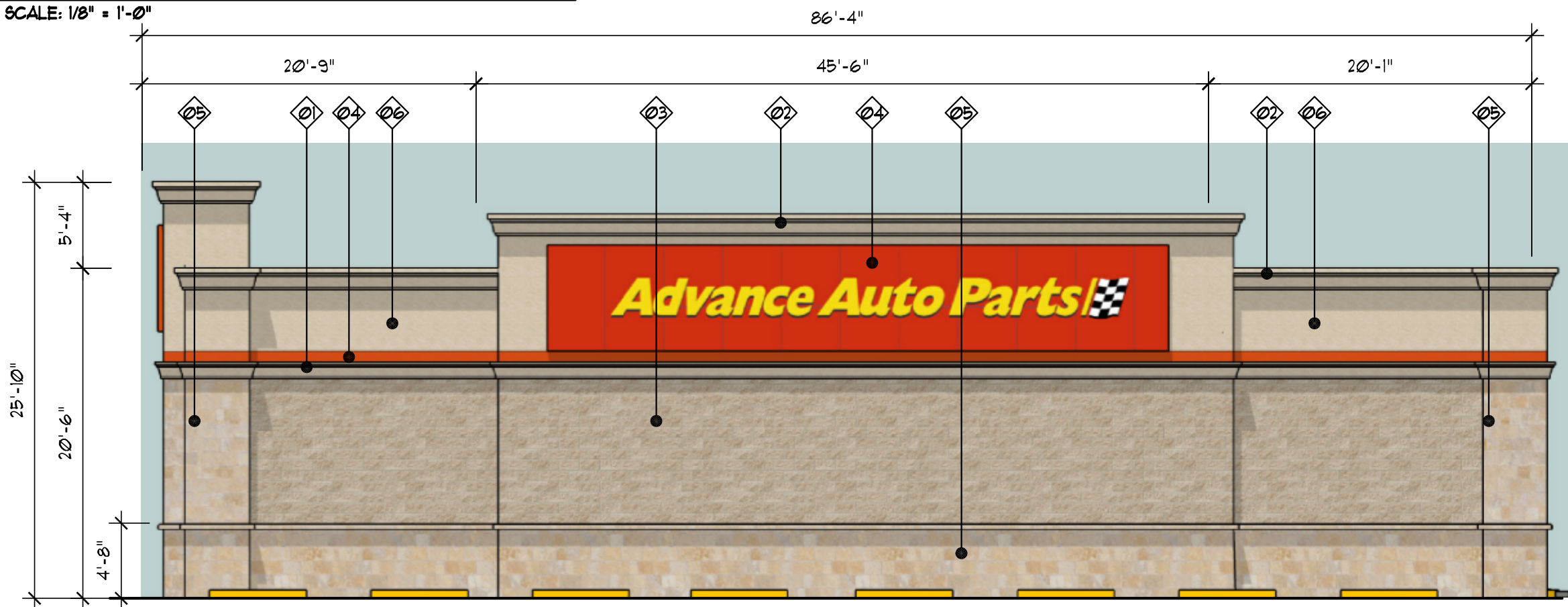
HORACE L. WILLIAMS
CALLED 2 ACRES
VOLUME 56 PAGE 150



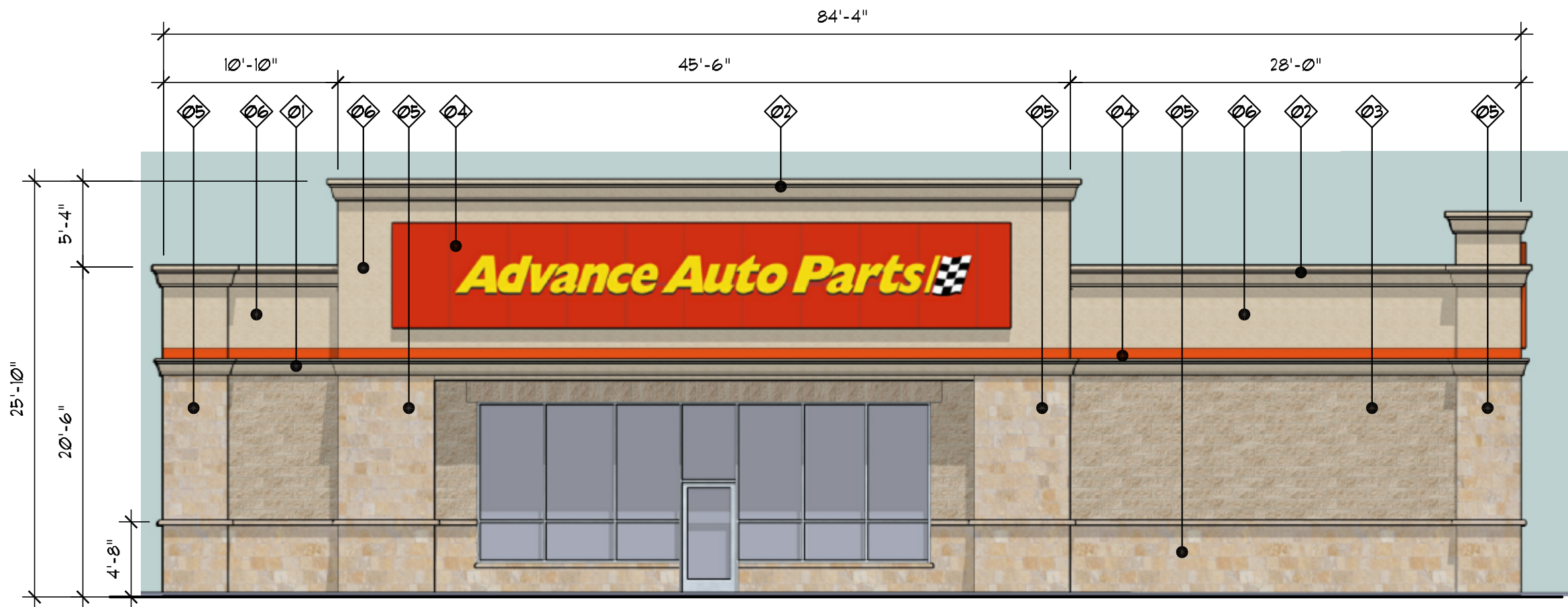
1 WEST ELEVATION
SCALE: 1/8" = 1'-0"



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



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



4 SOUTH ELEVATION (ADJACENT TO RIGHT-OF-WAY)
SCALE: 1/8" = 1'-0"

WEST ELEVATION:

TOTAL SURFACE AREA
LESS GLAZING/DOORS

1,723 SF
-0 SF
1,723 SF

TOTAL MASONRY PROVIDED:
NATURAL STONE PROVIDED:

1,723 SF
466 SF

(100%)
(29.3%)

MIN. REQUIRED: 30%
MIN. REQUIRED: 20% OF 90% OF SURFACE AREA

MATERIALS:

SPLIT FACE CMU
NATURAL STONE
STUCCO
GLAZING/DOORS

681 SF
466 SF
516 SF
0 SF

(39.1%)
(27.0%)
(33.3%)
(N/A)

HORIZONTAL ARTICULATION:

PROJECTING OFFSET PROVIDED:
LENGTH OF OFFSET PROVIDED:
DISTANCE BETWEEN PROVIDED:

8"
21'-4"
30'-10"

MIN. REQUIRED: 25% x 20'-6"H + 5'-1 1/2"
MIN. REQUIRED: 25% x 83'-0"L + 20'-9"
MAX. ALLOWED: 3 x 20'-6"H + 61'-6" OR 60'-0" MAX.

VERTICAL ARTICULATION:

PROJECTING OFFSET PROVIDED:
LENGTH OF OFFSET PROVIDED:
DISTANCE BETWEEN PROVIDED:

5'-4"
21'-4"
30'-10"

MIN. REQUIRED: 25% x 20'-6"H + 5'-1 1/2"
MIN. REQUIRED: 25% x 83'-0"L + 20'-9"
MAX. ALLOWED: 3 x 20'-6"H + 61'-6" OR 60'-0" MAX.

NORTH ELEVATION:

TOTAL SURFACE AREA
LESS GLAZING/DOORS

1,723 SF
-93 SF
1,630 SF

TOTAL MASONRY PROVIDED:
NATURAL STONE PROVIDED:

1,630 SF
451 SF

(100%)
(31.2%)

MIN. REQUIRED: 30%
MIN. REQUIRED: 20% OF 90% OF SURFACE AREA

MATERIALS:

SPLIT FACE CMU
NATURAL STONE
STUCCO
GLAZING/DOORS

650 SF
451 SF
523 SF
93 SF

(37.6%)
(26.4%)
(30.2%)
(5.8%)

HORIZONTAL ARTICULATION:

PROJECTING OFFSET PROVIDED:
LENGTH OF OFFSET PROVIDED:
DISTANCE BETWEEN PROVIDED:

2'-0"
21'-4"
30'-10"

MIN. REQUIRED: 25% x 20'-6"H + 5'-1 1/2"
MIN. REQUIRED: 25% x 83'-0"L + 20'-9"
MAX. ALLOWED: 3 x 20'-6"H + 61'-6" OR 60'-0" MAX.

VERTICAL ARTICULATION:

PROJECTING OFFSET PROVIDED:
LENGTH OF OFFSET PROVIDED:
DISTANCE BETWEEN PROVIDED:

5'-4"
21'-4"
30'-10"

MIN. REQUIRED: 25% x 20'-6"H + 5'-1 1/2"
MIN. REQUIRED: 25% x 83'-0"L + 20'-9"
MAX. ALLOWED: 3 x 20'-6"H + 61'-6" OR 60'-0" MAX.

EAST ELEVATION:

TOTAL SURFACE AREA
LESS GLAZING/DOORS

1,881 SF
-0 SF
1,881 SF

TOTAL MASONRY PROVIDED:
NATURAL STONE PROVIDED:

1,881 SF
466 SF

(100%)
(21.5%)

MIN. REQUIRED: 30%
MIN. REQUIRED: 20% OF 90% OF SURFACE AREA

MATERIALS:

SPLIT FACE CMU
NATURAL STONE
STUCCO
GLAZING/DOORS

681 SF
466 SF
728 SF
0 SF

(36.5%)
(24.8%)
(38.1%)
(N/A)

HORIZONTAL ARTICULATION:

PROJECTING OFFSET PROVIDED:
LENGTH OF OFFSET PROVIDED:
DISTANCE BETWEEN PROVIDED:

8"
41'-9"
20'-1"

MIN. REQUIRED: 25% x 20'-6"H + 5'-1 1/2"
MIN. REQUIRED: 25% x 83'-0"L + 20'-9"
MAX. ALLOWED: 3 x 20'-6"H + 61'-6" OR 60'-0" MAX.

VERTICAL ARTICULATION:

PROJECTING OFFSET PROVIDED:
LENGTH OF OFFSET PROVIDED:
DISTANCE BETWEEN PROVIDED:

5'-4"
41'-9"
20'-1"

MIN. REQUIRED: 25% x 20'-6"H + 5'-1 1/2"
MIN. REQUIRED: 25% x 83'-0"L + 20'-9"
MAX. ALLOWED: 3 x 20'-6"H + 61'-6" OR 60'-0" MAX.

SOUTH ELEVATION:

TOTAL SURFACE AREA
LESS GLAZING/DOORS

1,912 SF
-330 SF
1,622 SF

TOTAL MASONRY PROVIDED:
NATURAL STONE PROVIDED:

1,622 SF
493 SF

(100%)
(34.2%)

MIN. REQUIRED: 30%
MIN. REQUIRED: 20% OF 90% OF SURFACE AREA

MATERIALS:

SPLIT FACE CMU
NATURAL STONE
STUCCO
GLAZING/DOORS

312 SF
493 SF
151 SF
350 SF

(18.9%)
(25.3%)
(38.1%)
(17.1%)

HORIZONTAL ARTICULATION:

PROJECTING OFFSET PROVIDED:
LENGTH OF OFFSET PROVIDED:
DISTANCE BETWEEN PROVIDED:

2'-0"
49'-6"
25'-4"

MIN. REQUIRED: 25% x 20'-6"H + 5'-1 1/2"
MIN. REQUIRED: 25% x 83'-0"L + 20'-9"
MAX. ALLOWED: 3 x 20'-6"H + 61'-6" OR 60'-0" MAX.

VERTICAL ARTICULATION:

PROJECTING OFFSET PROVIDED:
LENGTH OF OFFSET PROVIDED:
DISTANCE BETWEEN PROVIDED:

5'-4"
49'-6"
25'-4"

MIN. REQUIRED: 25% x 20'-6"H + 5'-1 1/2"
MIN. REQUIRED: 25% x 83'-0"L + 20'-9"
MAX. ALLOWED: 3 x 20'-6"H + 61'-6" OR 60'-0" MAX.

KEYNOTES:

- 3-COAT STUCCO TRIM, PAINT "BEACHCOMBER 20YY"
- 3-COAT STUCCO CORNICE, PAINT "BEACHCOMBER 20YY"
- SPLIT FACE CMU, PAINT "CASTLEROCK 10YY"
- 3-COAT STUCCO, PAINT "AAP RED"
- NATURAL STONE WITH CAP, "TEXAS RUST"
- 3-COAT STUCCO, PAINT "BEACHCOMBER 20YY"

CaCo
architecture

ARCHITECT:
CaCo ARCHITECTURE, LLC
551 N. RIVERFRONT BLVD. SUITE 500
DALLAS, TX 75207
(972) 934-7800

MEP ENGINEER:
BAH ENGINEERS, INC.
511 E. JOHN CARPENTER PWAY, SUITE 210
IRVING, TX 75007
(214) 495-1679

STRUCTURAL:
STENSTROM-SCHNEIDER, INC.
15441 KNOX TRAIL, SUITE 100, LB 10
DALLAS, TX 75248
(214) 461-8831

CIVIL
KSCC ENGINEERING
105 WEST RIVERSIDE DRIVE, SUITE 110
AUSTIN, TX 78704
(512) 439-0400

Advance Auto Parts
1415 S. GOLIAD STREET
ROCKWALL, TX 75087
STORE # 13853

REVISIONS		DESCRIPTION
REV	DATE	

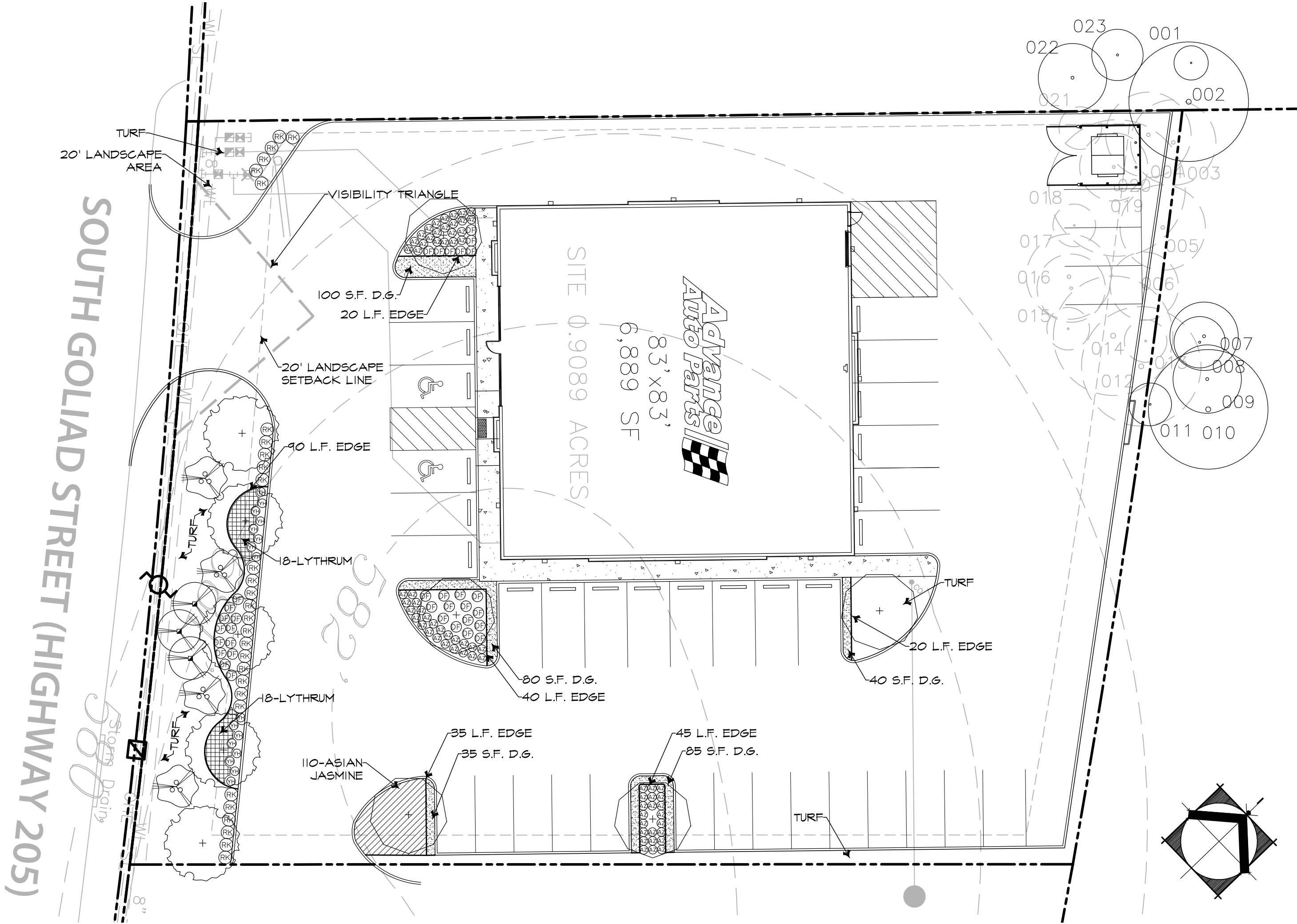
DATE	GROSS SQ. FT.
05-20-15	6,889 sf

PROJECT #	P1461.003
DRAWN BY:	SWH
CHECK BY:	RED/EJC

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EXTERIOR
ELEVATIONS

SP1



GENERAL LANDSCAPE NOTES

- Contractor shall be responsible for visiting and investigating the site prior to submitting a Bid Proposal.
- Contractor shall provide all labor and materials to complete the work shown on the plans.
- Contractor shall be responsible for fine grading the site. Notify owner and/or representative for review and approval prior to commencing any landscape work. Sodded areas shall be raked smooth, clear of stones over 1" in diameter, and fine graded to blend with natural grade. All areas shall achieve positive drainage to avoid ponding.
- Contractor shall be responsible for erosion control of sloped areas within limits of work.
- Contractor shall be responsible for laying out beds and lawn area as per planting plans. Layout shall be by placing flags, stakes, or painting the ground. Notify owner and/or representative for review and approval of these areas prior to construction.
- Quantities provided in the plant list are for general use only. Contractor is responsible for verification of all plant quantities.
- All proposed landscaping is to be installed as per local city ordinances and codes. Notify owner's representative of any discrepancies prior to construction.
- All plant material and containers shall comply with The American Association of Nurserymen Standards..
- Plants are subject to inspection and approval by the landscape architect. It is recommended that the contractor present the owner's representative with photographs of all material for approval prior to delivery.
- Contractor to provide a sample of each type of plant to be used for "minimum quality specimen" standards. The remaining plantings installed on the site shall be compared to these specimen standards. **Plants not meeting the standards will be rejected.**
- Planting mix to be "Garden-Ville Compost" (800-375-8375).
- Unless noted, shrubs and trees shall be pocket planted. Excavate planting hole 1-1/2 times the width and height of the root ball. Backfill with 1/3 planting mix, 1/3 native soil, and 1/3 sandy loam.
- All shade trees shall be staked with 3 T-posts with cable guy wires. Trees planted adjacent to accessible routes and accessible areas shall not have limbs below 80" above finish grade.
- All steel edging shall be COL-MET 1/8" x 4" commercial steel edging (800-829-8225).
- Unless noted, all top dressing mulch shall be 2" deep shredded hardwood mulch from Living Earth Technology (972-869-4332).
- Should the contractor be considering substitutions, notify the owner's representative **AND** the landscape architect prior to bidding. If no substitutions are requested, **none will be considered at a later date. Do not plant alternate species! They will be rejected.**
- Specifications will be strictly enforced! Container sizes, staking, plant size or condition, and **quantity of trunks or canes** must be as specified.
- Contractor is responsible for quality of workmanship, superintendence, scheduling of work, and coordination with other trades.
- Contractor is responsible for job safety conditions; and the removal of all trash within the site.
- Contractor to provide one-year warranty on all plant material. Warranty shall cover plants which have died, but shall not include damage by vandalism, theft, natural phenomenon or negligence by owner.
- Contractor to provide an alternate estimated price (and a detailed scope of work) for a one-year maintenance of the site.

LANDSCAPE NOTES

- Contractor shall be responsible for completing all required landscaping and irrigation for the entire site, to include but not limited to: sodded areas, shrub beds, parking lot islands, roadside sign base(s) and monument planters.
- Contractor shall comply with all applicable codes and ordinances regarding landscaping.
- Irrigation contractor shall be experienced in irrigation design and installation and shall provide proof of certification as a "certified irrigation contractor" according to the irrigation association of america. contractor shall provide an irrigation system installation with 100% coverage of designated planting areas using head to head coverage, minimizing possible overthrow onto non-porous surfaces. Irrigation system shall be zoned and timed as appropriate to meet plant material and lawn area watering requirements. timer/control to be located inside building near electrical panel.
- It is the responsibility of the contractor to establish a healthy stand of grass on all seeded areas.
- In the event that planting beds and mulch are required, the contractor shall install black fabric weed block landscape mesh under the mulch to prevent weed growth.
- Contractor shall provide natural topsoil that is fertile, friable, without mixture of subsoil materials, and obtained from a well drained, available site. It shall not contain substances which may be harmful to plant growth. topsoil shall be screened and free from clay, lumps, stones, roots, plants, or similar substances 1" or more in diameter, debris, or other objects which might be a hindrance to planting operations. topsoil shall contain at least 4-6% organic matter by weight and have a ph range of 5.5 to 7.0 or as applicable to the region.
- Contractor shall be responsible for the watering and the maintenance of all landscaped areas until the later of: (a) thirty (30) days following the planting of the grass and shrubs, or (b) the date that advance auto parts opens for business to the public. contractor to warranty all landscaping for a total of 1 year.
- General contractor is to clean entire site of all construction debris and rake all grass areas. grass (sod) to be level, rolled and mowable.
- Provide landscape plans to advance auto parts and as required by local jurisdiction to the bldg. dept. for review and approval prior to start of work.
- All landscaping, tress, shrubs, etc. shall not interfere with the visibility of aap monument signage
- Contractor to verify quantities prior to commencing work.

12. All planting areas within property boundary are to be watered with a full automatic underground sprinkle system with freeze guard. all irrigation components shall be contained within the boundary of the site. irrigation to planting areas outside of the property boundary shall originate from irrigation heads within the property boundary. contractor shall retain the services of a licensed irrigator who shall provide detailed irrigation drawings with supporting pressure loss and flow calculations. these shall be submitted to landscape architect as shop drawings for review and approval prior to commencing work.

13. Open areas within planting beds shall be mulched with hardwood only. pine straw or equivalent is not an acceptable mulch.

LANDSCAPE CALCULATIONS

LANDSCAPE AREA

Total Site Area	Required	Provided
Landscape Area (15%)	N/A	35,542 sf.
	5,339 sf.	5,510 sf. (16 %)

BUFFER TREES

Canopy Trees	Required	Provided
175 LF/100 = 1.75 x 3 =	5 trees	5 trees
Accent Trees		
175 LF/100 = 1.75 x 4 =	7 trees	7 trees

PARKING LANDSCAPING

Parking area	Required	Provided
Landscape area (5%)	1,281 sf.	25,757 sf.
Required Trees (1 per 10 spaces)	39/10 = 4 trees	1,290 sf.
		5 trees

REQUIRED MITIGATION

(012) 14" Hackberry	50%	7"	
(014) 14" Hackberry	50%	7"	
(018) 5" Ash	100%	5"	
(019) 16" Hackberry	50%	8"	
(021) 5" Ash	100%	5"	
Total		32"	+ 35"

TREE LIST

TREE#	SIZE	TYPE
001	4"	HACK BERRY
002	14	PRICKLY ASH AKA TICKLE TOUNGE
(R) 003	10	HACK BERRY
(R) 004	10"	HACK BERRY
(R) 005	10"	HACK BERRY
(R) 006	8"	HACK BERRY
007	8"	HACK BERRY
008	6"	HACK BERRY
009	8"	HACK BERRY
010	14"	DOUBLE HACK BERRY
011	5"	HACK BERRY
(R) 012	14"	HACK BERRY
(R) 013	5"	HACK BERRY
(R) 014	14"	HACK BERRY
(R) 015	5"	HACK BERRY
(R) 016	8"	HACK BERRY
(R) 017	10"	HACK BERRY
(R) 018	5"	PRICKLY ASH AKA TICKLE TOUNGE
(R) 019	16"	HACK BERRY
(R) 020	8"	HACK BERRY
(R) 021	5"	PRICKLY ASH AKA TICKLE TOUNGE
022	8"	HACK BERRY
023	6"	HACK BERRY

*(R) = REMOVE

HB = Hack Berry
PA = Prickly Ash aka Tickle Tounge
Dbl = Double

CANOPY TREES

Notes: All similar species of trees shall be matched for height and uniformity. All plant materials shall be specimen quality.

SYMBOL	QUANTITY	COMMON NAME	SCIENTIFIC NAME	SIZE & CONDITION
	5	Cedar Elm	Ulmus crassifolia	8" caliper, 12' Ht.
	5	Live Oak	Quercus virginiana	8" caliper, 12' Ht.

ORNAMENTAL TREES

Notes: Species and trunk/cane specifications on all ornamental trees will be strictly enforced! Do not plant alternate species or alternate specification without prior approval from the landscape architect.

SYMBOL	QUANTITY	COMMON NAME	SCIENTIFIC NAME	SIZE AND CONDITION
	3	Red Bud, Texas	Cercis canadensis var. texana	6' Ht./ 4" spread, 2 1/2" caliper, B&B or container.
	4	Holly, Yaupon	Ilex vomitoria	6' Ht./ 4" spread, 2 1/2" caliper, B&B or container.

SHRUBS

QUANTITY	SYMBOL	COMMON NAME	SCIENTIFIC NAME	SIZE AND CONDITION
29		Rose, Red Knockout	Rosa spp. 'Radrazz'	3 gallon, 20" Ht./20" spread
33		Fringe Flower, Petite Delight	Loropetalum chinense 'Petite Delight'	5 gallon, 12" Ht./12" spread
68		Aztec Grass	Liriope muscari 'Aztec'	1 gallon 12" Ht./10" spread
16		Holly, Dnf, Yaupon	Ilex vomitoria 'Nana'	5 gallon, 12" Ht./18" spread

GROUNDCOVERS / PERENNIALS

QUANTITY	SYMBOL	CALLOUT	COMMON NAME	SCIENTIFIC NAME	SIZE AND CONDITION
110			Asian Jasmine	Trachelospermum asiaticum	4" pots
36			Lythrum	Lythrum virgatum 'Morden's Pink'	1 gallon

TURF GRASS

QUANTITY	CALLOUT	COMMON NAME	SCIENTIFIC NAME	SIZE AND CONDITION
3,250	S.F. HYDRO	Common Bermuda Grass	Cynodon dactylon	Hydromulch - refer to specifications

MISCELLANEOUS

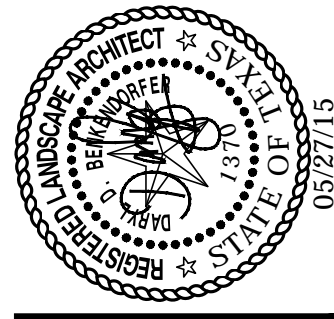
QUANTITY	CALLOUT	DESCRIPTION
250	L.F. EDGE	L.F. Steel edge 1/8" x 4" with 12" stakes, green in color
520		SF 2" bed preparation as per specifications
1,400		SF 3" hardwood mulch as per specifications
340	S.F. D.G.	SF 3" decomposed granite

NOTES

- Quantities shown are for contractor's convenience only. Contractor is responsible for verification of all quantities.
- Contractor to provide separate line item for a one(1) year maintenance package - see maintenance specifications.

REVISIONS
COMMENTS

DATE

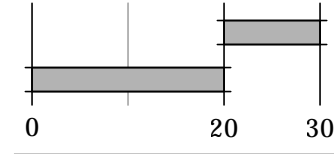


ADVANCE AUTO PARTS

ROCKWALL, TEXAS

LANDSCAPE CITY SUBMITTAL PLAN

SCALE:



DATE:

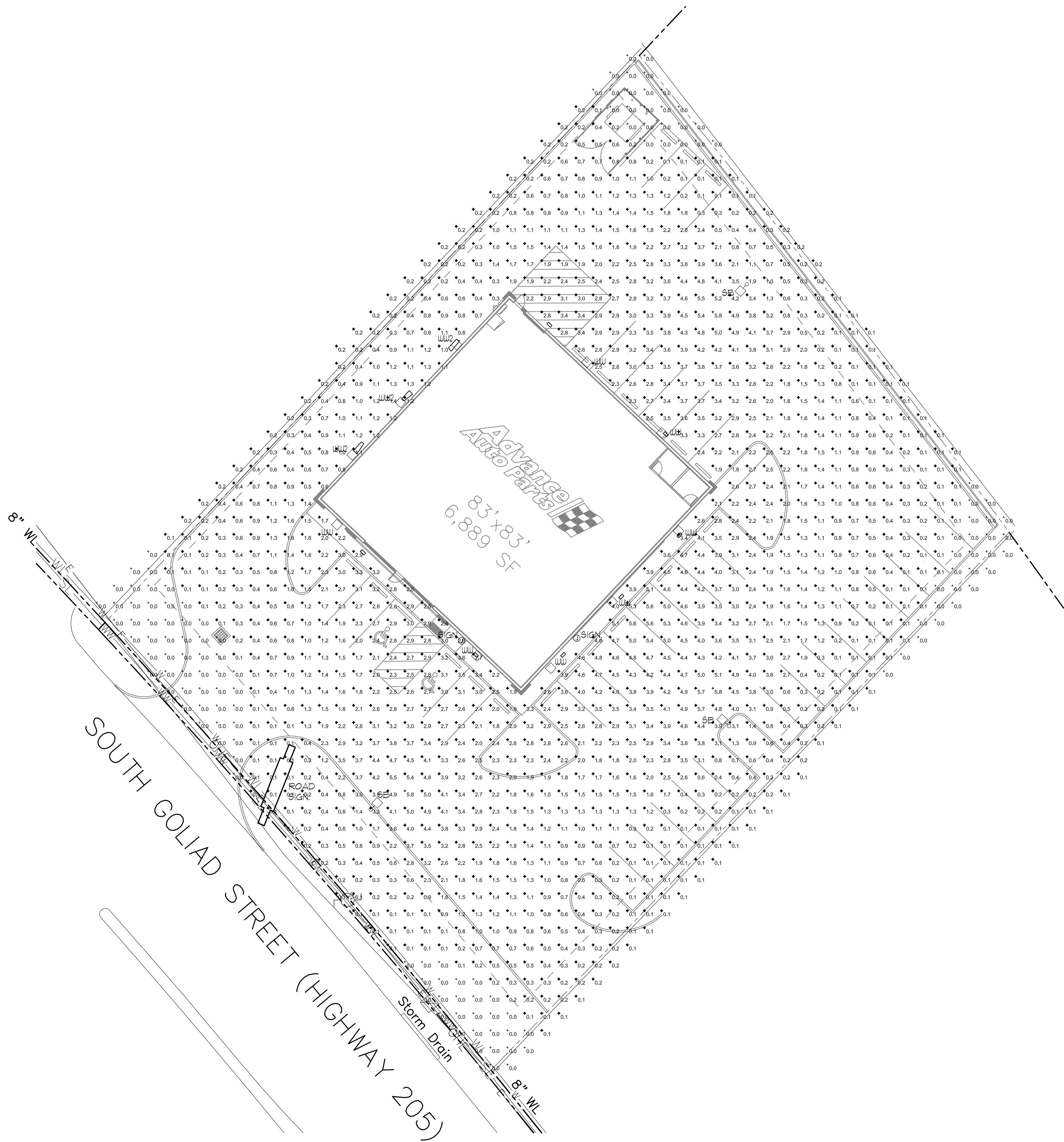
04/16/15



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L0.01

PROJECT # 030-03



1 SITE PHOTOMETRIC PLAN
SL1 SCALE: 1" = 20'-0"

TRUE NORTH PLAN NORTH

CaCo
architecture

ARCHITECT:
CACO ARCHITECTURE, LLC
821 N. RIVERFRONT BLVD. SUITE 200
DALLAS, TX 75207

M/E/P ENGINEER:
BAH ENGINEERS, INC.
511 E. JOHN CARPENTER FWY. SUITE 210
IRVING, TX 75037

STRUCTURAL:
STENSTROM-SCHNEIDER, INC.
15441 KNOX TRAIL, SUITE 100, LB 10
DALLAS, TX 75248

CIVIL
NSOE ENGINEERING
105 WEST RIVERSIDE DRIVE, SUITE 110
AUSTIN, TX 78704

Advance Auto Parts
1415 S. GOLIAD STREET
ROCKWALL, TX 75087

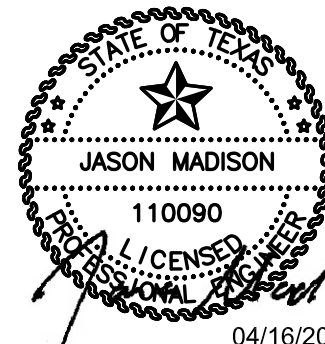
STORE # 13853

REV	DATE	REVISIONS	
		DESCRIPTION	

DATE	GROSS SQ. FT.
04-16-15	6,889 sf

PROJECT # P1461.003
DRAWN BY: SWH
CHECK BY: RED/EJC

B&H
Engineers, Inc
www.BandHEngineers.com
Registration No. 9102



SITE
LIGHTING
PLAN

SL2

- GENERAL NOTES:**
1. LIGHT POLES, POLE BASE OR COMBINATION SHALL NOT EXCEED 20'-0". ALL LIGHTING SOURCES ARE TO BE DIRECTED DOWN AND SHIELDED.



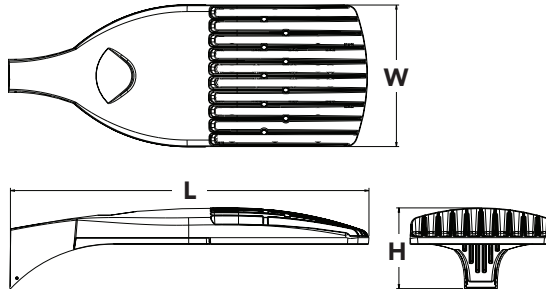
D-Series Size 1 LED Area Luminaire



d^{series}

Specifications

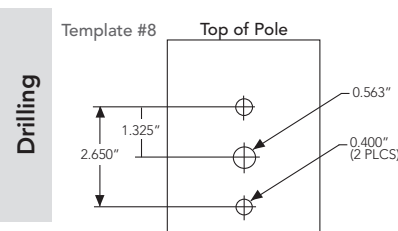
EPA:	1.2 ft ² (0.11 m ²)
Length:	33" (83.8 cm)
Width:	13" (33.0 cm)
Height:	7-1/2" (19.0 cm)
Weight (max):	27 lbs (12.2 kg)



Ordering Information

EXAMPLE: DSX1 LED 60C 1000 40K T3M MVOLT SPA DDBXD

Series	LEDs	Drive current	Color temperature	Distribution	Voltage	Mounting	Control options	Other options	Finish (required)
DSX1 LED	Forward optics 30C 30 LEDs (one engine) 40C 40 LEDs (two engines) 60C 60 LEDs (two engines) Rotated optics ¹ 60C 60 LEDs (two engines)	530 530 mA 700 700 mA 1000 1000 mA (1 A)	30K 3000 K (80 CRI min.) 40K 4000 K (70 CRI min.) 50K 5000 K (70 CRI) AMBPC Amber phosphor converted ²	T1S Type I short T2S Type II short T2M Type II medium T3S Type III short T3M Type III medium T4M Type IV medium TFTM Forward throw medium T5VS Type V very short T5S Type V short T5M Type V medium T5W Type V wide	MVOLT ³ 120 ³ 208 ³ 240 ³ 277 ³ 347 ⁴ 480 ⁴	Shipped included SPA Square pole mounting RPA Round pole mounting WBA Wall bracket SPUMBA Square pole universal mounting adaptor ⁵ RPUMBA Round pole universal mounting adaptor ⁵ Shipped separately ⁶ KMA8 Mast arm mounting bracket adaptor (specify finish) DDBXD U	Shipped installed PER NEMA twist-lock receptacle only (no controls) ⁷ DMG 0-10V dimming driver (no controls) ⁸ DCR Dimmable and controllable via ROAM ⁹ (no controls) ⁹ DS Dual switching ^{10,11} PIR Motion sensor, 8-15' mounting height ¹² PIRH Motion sensor, 15-30' mounting height ¹² BL30 Bi-level switched dimming, 30% ^{11,13} BL50 Bi-level switched dimming, 50% ^{11,13}	Shipped installed HS House-side shield ¹⁴ WTB Utility terminal block ¹⁵ SF Single fuse (120, 277, 347V) ¹⁶ DF Double fuse (208, 240, 480V) ¹⁶ L90 Left rotated optics ¹⁷ R90 Right rotated optics ¹⁷	DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white



Accessories	Ordered and shipped separately.
DLL127F 1.5 JU	Photocell - SSL twist-lock (120-277V) ¹⁸
DLL347F 1.5 CUJ JU	Photocell - SSL twist-lock (347V) ¹⁸
DLL480F 1.5 CUJ JU	Photocell - SSL twist-lock (480V) ¹⁸
SC U	Shorting cap ¹⁸
DSX1HS 30C U	House-side shield for 30 LED unit
DSX1HS 40C U	House-side shield for 40 LED unit
DSX1HS 60C U	House-side shield for 60 LED unit
PUMBA DDBXD U*	Square and round pole universal mounting bracket adaptor (specify finish)
KMA8 DDBXD U	Mast arm mounting bracket adaptor (specify finish) ⁶

For more control options, visit [DCL](#) and [ROAM](#) online.

DSX1 shares a unique drilling pattern with the AERIS™ family. Specify this drilling pattern when specifying poles, per the table below.

DM19AS	Single unit	DM29AS	2 at 90° *
DM28AS	2 at 180°	DM39AS	3 at 90° *
DM49AS	4 at 90° *	DM32AS	3 at 120° **

Example: SSA 20 4C DM19AS DDBXD

Visit Lithonia Lighting's [POLES CENTRAL](#) to see our wide selection of poles, accessories and educational tools.

*Round pole top must be 3.25" O.D. minimum.
**For round pole mounting (RPA) only.

Tenon Mounting Slipfitter **

Tenon O.D.	Single Unit	2 at 180°	2 at 90°	3 at 120°	3 at 90°	4 at 90°
2-3/8"	AST20-190	AST20-280	AST20-290	AST20-320	AST20-390	AST20-490
2-7/8"	AST25-190	AST25-280	AST25-290	AST25-320	AST25-390	AST25-490
4"	AST35-190	AST35-280	AST35-290	AST35-320	AST35-390	AST35-490

NOTES

- Rotated optics only available with 60C.
- AMBPC only available with 530mA or 700mA.
- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF options).
- Not available with single board, 530mA product (30C 530, or 60C 530 DS). Not available with DCR, BL30 or BL50.
- Available as a separate combination accessory: PUMBA (finish) U; 1.5 G vibration load rating per ANCI C136.31.
- Must be ordered as a separate accessory; see Accessories information. For use with 2-3/8" mast arm (not included).
- Photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Not available with DS option.
- DMG option for 347v or 480v requires 1000mA
- Specifies a ROAM® enabled luminaire with 0-10V dimming capability; PER option required. Not available with 347 or 480V. Additional hardware and services required for ROAM® deployment; must be purchased separately. Call 1-800-442-6745 or email: sales@roamservices.net. N/A with BL30, BL50, DS, PIR or PIRH.
- Requires 40C or 60C. Provides 50/50 luminaire operation via two independent drivers on two separate circuits. N/A with PER, DCR, WTB, PIR, or PIRH.
- Requires an additional switched circuit.
- PIR specifies the [SensorSwitch SBGR-10-ODP](#) control; PIRH specifies the [SensorSwitch SBGR-6-ODP](#) control; see [Motion Sensor Guide](#) for details. Dimming driver standard. Not available with DS or DCR.
- Dimming driver standard. MVOLT only. Not available with DCR.
- Also available as a separate accessory; see Accessories information.
- WTB not available with DS.
- Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.
- Available with 60 LEDs (60C option) only.
- Requires luminaire to be specified with PER option. Ordered and shipped as a separate line item from Acuity Brands Control.



Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

LEDs	Drive Current (mA)	System Watts	Dist. Type	30K					40K					50K				
				(3000 K, 80 minimum CRI)					(4000 K, 70 minimum CRI)					(5000 K, 70 CRI)				
				Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
30C (30 LEDs)	700 mA	68 W	T1S	5,290	1	0	1	78	6,524	2	0	2	96	7,053	2	0	2	104
			T2S	5,540	1	0	1	81	6,833	2	0	2	100	7,387	2	0	2	109
			T2M	5,360	1	0	2	79	6,611	2	0	2	97	7,147	2	0	2	105
			T3S	5,479	1	0	1	81	6,757	1	0	2	99	7,305	2	0	2	107
			T3M	5,452	1	0	2	80	6,724	2	0	2	99	7,269	2	0	2	107
			T4M	5,461	1	0	2	80	6,736	2	0	2	99	7,282	2	0	2	107
			TFTM	5,378	1	0	2	79	6,633	1	0	2	98	7,171	1	0	2	105
			TSVS	5,708	2	0	0	84	7,040	3	0	0	104	7,611	3	0	1	112
			TSS	5,639	2	0	0	83	6,955	2	0	0	102	7,519	3	0	0	111
	TSM	5,710	3	0	1	84	7,042	3	0	1	104	7,613	3	0	2	112		
	TSW	5,551	3	0	1	82	6,847	3	0	2	101	7,401	3	0	2	109		
	1000 mA	105 W	T1S	7,229	2	0	2	69	9,168	2	0	2	87	9,874	2	0	2	94
			T2S	7,572	2	0	2	72	9,603	2	0	2	91	10,342	2	0	2	98
			T2M	7,325	2	0	2	70	9,291	2	0	2	88	10,005	2	0	3	95
			T3S	7,488	2	0	2	71	9,496	2	0	2	90	10,227	2	0	2	97
			T3M	7,451	2	0	2	71	9,450	2	0	2	90	10,177	2	0	2	97
			T4M	7,464	2	0	2	71	9,467	2	0	2	90	10,195	2	0	2	97
			TFTM	7,351	1	0	2	70	9,323	2	0	2	89	10,040	2	0	3	96
			TSVS	7,801	3	0	1	74	9,894	3	0	1	94	10,655	3	0	1	101
			TSS	7,803	3	0	2	74	9,774	3	0	1	93	10,526	3	0	1	100
	TSM	7,707	3	0	0	73	9,897	3	0	2	94	10,658	4	0	2	102		
TSW	7,586	3	0	2	72	9,621	4	0	2	92	10,363	4	0	2	99			
40C (40 LEDs)	700 mA	89 W	T1S	6,876	2	0	2	77	8,639	2	0	2	97	9,345	2	0	2	105
			T2S	7,202	2	0	2	81	9,049	2	0	2	102	9,788	2	0	2	110
			T2M	6,968	2	0	2	78	8,755	2	0	2	98	9,469	2	0	3	106
			T3S	7,122	2	0	2	80	8,948	2	0	2	101	9,679	2	0	2	109
			T3M	7,088	2	0	2	80	8,905	2	0	2	100	9,632	2	0	2	108
			T4M	7,100	2	0	2	80	8,920	2	0	2	100	9,649	2	0	2	108
			TFTM	6,992	1	0	2	79	8,785	2	0	2	99	9,502	2	0	2	107
			TSVS	7,421	3	0	0	83	9,323	3	0	1	105	10,085	3	0	1	113
			TSS	7,331	2	0	0	82	9,210	3	0	1	103	9,962	3	0	1	112
	TSM	7,423	3	0	2	83	9,326	3	0	2	105	10,087	4	0	2	113		
	TSW	7,216	3	0	2	81	9,066	4	0	2	102	9,807	4	0	2	110		
	1000 mA	138 W	T1S	9,521	2	0	2	69	11,970	2	0	2	87	12,871	3	3	0	93
			T2S	9,972	2	0	2	72	12,558	3	0	3	91	13,481	3	0	3	98
			T2M	9,648	2	0	3	70	12,149	3	0	3	88	13,043	3	0	3	95
			T3S	9,862	2	0	2	71	12,418	2	0	2	90	13,331	2	0	2	97
			T3M	9,814	2	0	2	71	12,358	3	0	3	90	13,267	3	0	3	96
			T4M	9,831	2	0	2	71	12,379	2	0	3	90	13,290	2	0	3	96
			TFTM	9,681	2	0	2	70	12,191	2	0	3	88	13,087	2	0	3	95
			TSVS	10,275	3	0	1	74	12,937	3	0	1	94	13,890	4	0	1	101
			TSS	10,150	3	0	1	74	12,782	3	0	1	93	13,721	3	0	1	99
			TSM	10,278	4	0	2	74	12,942	4	0	2	94	13,894	4	0	2	101
TSW			9,991	4	0	2	72	12,582	4	0	2	91	13,507	4	0	2	98	
60C (60 LEDs)	700 mA	131 W	T1S	10,226	2	0	2	78	12,871	3	0	3	98	13,929	3	0	3	106
			T2S	10,711	2	0	2	82	13,481	3	0	3	103	14,589	3	0	3	111
			T2M	10,363	2	0	3	79	13,043	3	0	3	100	14,115	3	0	3	108
			T3S	10,592	2	0	2	81	13,331	2	0	2	102	14,427	3	0	3	110
			T3M	10,541	2	0	2	80	13,267	3	0	3	101	14,357	3	0	3	110
			T4M	10,559	2	0	2	81	13,290	2	0	3	101	14,382	3	0	3	110
			TFTM	10,398	2	0	3	79	13,087	2	0	3	100	14,163	2	0	3	108
			TSVS	11,036	3	0	1	84	13,890	4	0	4	106	15,032	4	0	1	115
			TSS	10,902	3	0	1	83	13,721	3	0	1	105	14,849	4	0	1	113
	TSM	11,039	4	0	2	84	13,894	4	0	2	106	15,036	4	0	2	115		
	TSW	10,732	4	0	2	82	13,507	4	0	2	103	14,617	4	0	2	112		
	1000 mA	209 W	T1S	14,017	3	0	3	67	17,632	3	0	3	84	19,007	3	0	3	91
			T2S	14,681	3	0	3	70	18,467	3	0	3	88	19,908	3	0	3	95
			T2M	14,204	3	0	3	68	17,867	3	0	3	85	19,260	3	0	3	92
			T3S	14,518	3	0	3	69	18,262	3	0	3	87	19,687	3	0	3	94
			T3M	14,448	3	0	3	69	18,173	3	0	4	87	19,591	3	0	4	94
			T4M	14,473	3	0	3	69	18,205	3	0	3	87	19,625	3	0	4	94
			TFTM	14,253	2	0	3	68	17,928	3	0	4	86	19,326	3	0	4	92
			TSVS	15,127	4	0	1	72	19,028	4	0	1	91	20,512	4	0	1	98
			TSS	14,943	4	0	1	71	18,797	4	0	1	90	20,263	4	0	1	97
			TSM	15,131	4	0	2	72	19,033	4	0	2	91	20,517	5	0	3	98
TSW			14,710	4	0	2	70	18,503	5	0	3	89	19,946	5	0	3	95	

Note: Available with phosphor-converted amber LED's (nomenclature AMBPC). These LED's produce light with 97+% >530 nm. Output can be calculated by applying a 0.7 factor to 4000 K lumen values and photometric files.



Performance Data

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient		Lumen Multiplier
0°C	32°F	1.02
10°C	50°F	1.01
20°C	68°F	1.00
25°C	77°F	1.00
30°C	86°F	1.00
40°C	104°F	0.99

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted in a **25°C ambient**, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	DSX1 LED 60C 1000			
	1.0	0.95	0.93	0.88
	DSX1 LED 60C 700			
	1.0	0.99	0.98	0.96

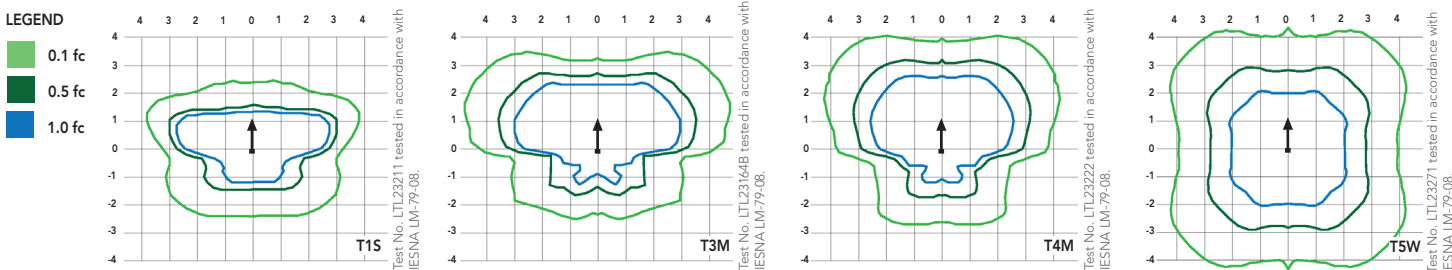
Electrical Load

Number of LEDs	Drive Current (mA)	System Watts	Current (A)					
			120	208	240	277	347	480
30	530	52	0.52	0.30	0.26	0.23	--	--
	700	68	0.68	0.39	0.34	0.30	0.24	0.17
	1000	105	1.03	0.59	0.51	0.45	0.36	0.26
40	530	68	0.67	0.39	0.34	0.29	0.23	0.17
	700	89	0.89	0.51	0.44	0.38	0.31	0.22
	1000	138	1.35	0.78	0.67	0.58	0.47	0.34
60	530	99	0.97	0.56	0.48	0.42	0.34	0.24
	700	131	1.29	0.74	0.65	0.56	0.45	0.32
	1000	209	1.98	1.14	0.99	0.86	0.69	0.50

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's [D-Series Area Size 1 homepage](#).

Isofootcandle plots for the DSX1 LED 60C 1000 40K. Distances are in units of mounting height (20').



FEATURES & SPECIFICATIONS

INTENDED USE

The sleek design of the D-Series Size 1 reflects the embedded high performance LED technology. It is ideal for many commercial and municipal applications, such as parking lots, plazas, campuses, and streetscapes.

CONSTRUCTION

Single-piece die-cast aluminum housing has integral heat sink fins to optimize thermal management through conductive and convective cooling. Modular design allows for ease of maintenance and future light engine upgrades. The LED driver is mounted in direct contact with the casting to promote low operating temperature and long life. Housing is completely sealed against moisture and environmental contaminants (IP65). Low EPA (1.2 ft²) for optimized pole wind loading.

FINISH

Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Available in both textured and non-textured finishes.

OPTICS

Precision-molded proprietary acrylic lenses are engineered for superior area lighting distribution, uniformity, and pole spacing. Light engines are available in standard 4000 K (70 minimum CRI) or optional 3000 K (80 minimum CRI) or 5000 K (70 CRI) configurations. The D-Series Size 1 has zero uplight and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating wasteful uplight.

ELECTRICAL

Light engine configurations consist of 30, 40 or 60 high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L96/100,000 hours at 25°C). Class 1 electronic drivers are designed to have a power factor >90%, THD <20%, and an

expected life of 100,000 hours with <1% failure rate. Easily serviceable 10kV or 6kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

INSTALLATION

Included mounting block and integral arm facilitate quick and easy installation. Stainless steel bolts fasten the mounting block securely to poles and walls, enabling the D-Series Size 1 to withstand up to a 3.0 G vibration load rating per ANSI C136.31. The D-Series Size 1 utilizes the AERIS™ series pole drilling pattern. Optional terminal block, tool-less entry, and NEMA photocontrol receptacle are also available.

LISTINGS

UL Listed for wet locations. Light engines are IP66 rated; luminaire is IP65 rated. Rated for -40°C minimum ambient. U.S. Patent No. D672,492 S. International patent pending.

DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org to confirm which versions are qualified.

WARRANTY

Five-year limited warranty. Full warranty terms located at: www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.





D-Series Size 1 LED Wall Luminaire



d#series

Specifications Luminaire

Width: 13-3/4"
(34.9 cm) **Weight:** 12 lbs
(5.4 kg)

Depth: 10"
(25.4 cm)

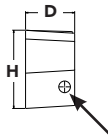
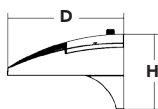
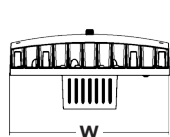
Height: 6-3/8"
(16.2 cm)

Back Box (BBW, ELCW)

Width: 13-3/4"
(34.9 cm) **BBW Weight:** 5 lbs
(2.3 kg)

Depth: 4"
(10.2 cm) **ELCW Weight:** 10 lbs
(4.5 kg)

Height: 6-3/8"
(16.2 cm)



For 3/4" NPT side-entry
conduit (BBW only)

Catalog
Number

Notes

Type

Hit the Tab key or mouse over the page to see all interactive elements.

Introduction

The D-Series Wall luminaire is a stylish, fully integrated LED solution for building-mount applications. It features a sleek, modern design and is carefully engineered to provide long-lasting, energy-efficient lighting with a variety of optical and control options for customized performance.

With an expected service life of over 20 years of nighttime use and up to 74% in energy savings over comparable 250W metal halide luminaires, the D-Series Wall is a reliable, low-maintenance lighting solution that produces sites that are exceptionally illuminated.

Ordering Information

EXAMPLE: DSXW1 LED 20C 1000 40K T3M MVOLT DDBTXD

DSXW1 LED									
Series	LEDs	Drive Current	Color temperature	Distribution	Voltage	Mounting	Control Options	Other Options	Finish (required)
DSXW1 LED	10C 10 LEDs (one engine)	350 350 mA 530 530 mA 700 700 mA 1000 1000 mA (1 A)	30K 3000 K 40K 4000 K 50K 5000 K AMBPC Amber phosphor converted	T2S Type II Short T2M Type II Medium T3S Type III Short T3M Type III Medium T4M Type IV Medium TFTM Forward Throw Medium ASYDF Asym-metric diffuse	MVOLT 120 ¹ 208 ¹ 240 ¹ 277 ¹ 347 ² 480 ²	Shipped included (blank) Surface mounting bracket BBW Surface-mounted back box (for conduit entry) ³	Shipped installed PE Photoelectric cell, button type ⁴ DMG 0-10V dimming driver (no controls) PIR 180° motion/ambient light sensor, <15' mtg ht ⁵ PIRH 180° motion/ambient light sensor, 15-30' mtg ht ⁵ ELCW Emergency battery backup (includes external component enclosure) ⁶	Shipped installed SF Single fuse (120, 277 or 347V) ⁷ DF Double fuse (208, 240 or 480V) ⁷ HS House-side shield ⁸ SPD Separate surge protection ⁹ Shipped separately BSW Bird-deterrent spikes WG Wire guard VG Vandal guard DDL Diffused drop lens	DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DSXSD Sandstone DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white DSSTXD Textured sandstone

NOTES

- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF options), or photocontrol (PE option).
- Only available with 20C, 700mA or 1000mA. Not available with PIR or PIRH.
- Back box ships installed on fixture. Cannot be field installed. Cannot be ordered as an accessory.
- Photocontrol (PE) requires 120, 208, 240, 277 or 347 voltage option. Not available with motion/ambient light sensors (PIR or PIRH).
- PIR specifies the Sensor Switch SBGR-10-ODP control; PIRH specifies the Sensor Switch SBGR-6-ODP control; see Motion Sensor Guide for details. Includes ambient light sensor. Not available with "PE" option (button type photocell). Dimming driver standard. Not available with 20 LED/1000 mA configuration (DSXW1 LED 20C 1000).
- Cold weather (-20C) rated. Not compatible with conduit entry applications. Not available with BBW mounting option. Not available with fusing. Not available with 347 or 480 voltage options. Emergency components located in back box housing. Emergency mode IES files located on product page at www.lithonia.com
- Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option. Not available with ELCW.
- Also available as a separate accessory; see Accessories information.
- See the electrical section on page 3 for more details.

Accessories

Ordered and shipped separately.

DSXWHS U	House-side shield (one per light engine)
DSXWBSW U	Bird-deterrent spikes
DSXW1WG U	Wire guard accessory
DSXW1VG U	Vandal guard accessory



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Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

LEDs	Drive Current (mA)	System Watts	Dist. Type	30K					40K					50K					AMBER				
				Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
10C (10 LEDs)	530mA	20 W	T2S	1,843	1	0	1	92	1,956	1	0	1	98	1,729	1	0	1	86	1,264	0	0	1	63
			T2M	1,756	1	0	1	88	1,864	1	0	1	93	1,648	1	0	1	82	1,205	0	0	1	60
			T3S	1,822	0	0	1	91	1,934	0	0	1	97	1,710	0	0	1	86	1,250	0	0	1	63
			T3M	1,804	1	0	1	90	1,914	1	0	1	96	1,693	1	0	1	85	1,237	0	0	1	62
			T4M	1,767	1	0	1	88	1,876	1	0	1	94	1,658	0	0	1	83	1,212	0	0	1	61
			TFTM	1,837	0	0	1	92	1,950	0	0	1	98	1,724	0	0	1	86	1,260	0	0	1	63
			ASYDF	1,642	1	0	1	82	1,743	1	0	1	87	1,541	1	0	1	77	1,127	0	0	1	56
			T2S	2,272	1	0	1	84	2,409	1	0	1	89	2,421	1	0	1	90	1,544	0	0	1	57
	700mA	27 W	T2M	2,165	1	0	1	80	2,296	1	0	1	85	2,307	1	0	1	85	1,472	0	0	1	55
			T3S	2,247	1	0	1	83	2,382	1	0	1	88	2,394	1	0	1	89	1,527	0	0	1	57
			T3M	2,224	1	0	1	82	2,358	1	0	1	87	2,370	1	0	1	88	1,512	0	0	1	56
			T4M	2,179	1	0	1	81	2,310	1	0	1	86	2,322	1	0	1	86	1,481	0	0	1	55
			TFTM	2,265	1	0	1	84	2,401	1	0	1	89	2,413	1	0	1	89	1,539	0	0	1	57
			ASYDF	2,025	1	0	1	75	2,147	1	0	1	80	2,158	1	0	1	80	1,376	1	0	1	51
			T2S	3,011	1	0	1	75	3,190	1	0	1	80	3,202	1	0	1	80	2,235	1	0	1	58
			T2M	2,870	1	0	1	72	3,040	1	0	1	76	3,051	1	0	1	76	2,130	1	0	2	55
	1000mA	40 W	T3S	2,978	1	0	1	74	3,155	1	0	1	79	3,166	1	0	1	79	2,210	1	0	2	57
			T3M	2,948	1	0	1	74	3,123	1	0	1	78	3,134	1	0	1	78	2,187	1	0	2	56
			T4M	2,888	1	0	1	72	3,059	1	0	1	76	3,071	1	0	1	77	2,143	1	0	2	55
			TFTM	3,002	1	0	1	75	3,180	1	0	1	80	3,192	1	0	1	80	2,228	1	0	2	57
			ASYDF	2,684	1	0	1	67	2,843	1	0	1	71	2,854	1	0	1	71	1,991	1	0	2	51
			T2S	3,649	1	0	1	101	3,876	1	0	1	108	3,429	1	0	1	95	2,504	1	0	1	70
			T2M	3,478	1	0	1	97	3,694	1	0	1	103	3,267	1	0	1	91	2,387	1	0	1	66
			T3S	3,609	1	0	1	100	3,833	1	0	1	106	3,390	1	0	1	94	2,477	1	0	1	69
20C (20 LEDs)	530mA	36 W	T3M	3,572	1	0	1	99	3,794	1	0	1	105	3,356	1	0	1	93	2,451	1	0	2	68
			T4M	3,500	1	0	2	97	3,717	1	0	2	103	3,288	1	0	1	91	2,402	1	0	1	67
			TFTM	3,638	1	0	1	101	3,864	1	0	1	107	3,418	1	0	1	95	2,496	1	0	1	69
			ASYDF	3,252	1	0	2	90	3,454	1	0	2	96	3,056	1	0	2	85	2,232	1	0	1	62
	700mA	47 W	T2S	4,502	1	0	1	96	4,776	1	0	1	102	4,794	1	0	1	102	3,065	1	0	1	65
			T2M	4,290	1	0	1	91	4,552	1	0	1	97	4,569	1	0	1	97	2,921	1	0	1	62
			T3S	4,452	1	0	1	95	4,723	1	0	2	100	4,741	1	0	2	101	3,031	1	0	1	64
			T3M	4,407	1	0	2	94	4,675	1	0	2	99	4,693	1	0	2	100	3,000	1	0	1	64
			T4M	4,318	1	0	2	92	4,581	1	0	2	97	4,598	1	0	2	98	2,939	1	0	1	63
			TFTM	4,488	1	0	2	95	4,761	1	0	2	101	4,779	1	0	2	102	3,055	1	0	1	65
			ASYDF	4,012	1	0	2	85	4,257	1	0	2	91	4,273	1	0	2	91	2,732	1	0	1	58
	1000mA	74 W	T2S	5,963	1	0	1	80	6,327	1	0	1	84	6,351	1	0	1	85	4,429	1	0	1	61
			T2M	5,683	1	0	2	76	6,029	1	0	2	80	6,052	1	0	2	81	4,221	1	0	2	58
			T3S	5,896	1	0	2	79	6,256	1	0	2	83	6,280	1	0	2	84	4,380	1	0	2	60
			T3M	5,837	1	0	2	78	6,193	1	0	2	83	6,216	1	0	2	83	4,335	1	0	2	59
			T4M	5,719	1	0	2	76	6,067	1	0	2	81	6,090	1	0	2	81	4,248	1	0	2	58
			TFTM	5,944	1	0	2	79	6,307	1	0	2	84	6,330	1	0	2	84	4,415	1	0	2	60
			ASYDF	5,314	1	0	2	71	5,638	2	0	2	75	5,660	2	0	2	75	3,947	1	0	2	54

Performance Data

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient		Lumen Multiplier
0°C	32°F	1.02
10°C	50°F	1.01
20°C	68°F	1.00
25°C	77°F	1.00
30°C	86°F	1.00
40°C	104°F	0.98

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the **DSXW1 LED 20C 1000** platform in a **25°C ambient**, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	1.0	0.95	0.93	0.88

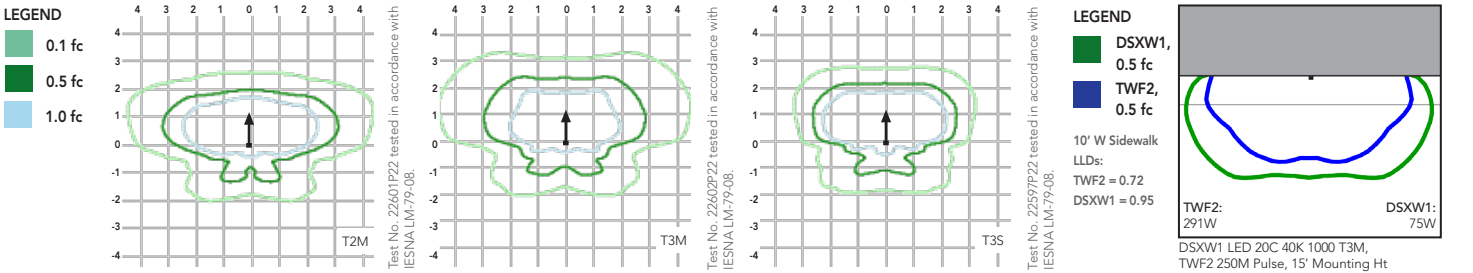
Electrical Load

LEDs	Drive Current (mA)	System Watts	Current (A)					
			120V	208V	240V	277V	347V	480V
10C	350	14 W	0.13	0.07	0.06	0.06	-	-
	530	20 W	0.19	0.11	0.09	0.08	-	-
	700	27 W	0.25	0.14	0.13	0.11	-	-
	1000	40 W	0.37	0.21	0.19	0.16	-	-
20C	350	25 W	0.23	0.13	0.12	0.10	-	-
	530	36 W	0.33	0.19	0.17	0.14	-	-
	700	47 W	0.44	0.25	0.22	0.19	0.15	0.11
	1000	75 W	0.69	0.40	0.35	0.30	0.23	0.17

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's [D-Series Wall Size 1 homepage](#).

Isofootcandle plots for the DSXW1 LED 20C 1000 40K. Distances are in units of mounting height (15').



Options and Accessories



T3M (left), ASYDF (right) lenses



HS - House-side shields



BSW - Bird-deterrent spikes



WG - Wire guard



VG - Vandal guard



DDL - Diffused drop lens

FEATURES & SPECIFICATIONS

INTENDED USE

The energy savings, long life and easy-to-install design of the D-Series Wall Size 1 make it the smart choice for building-mounted doorway and pathway illumination for nearly any facility.

CONSTRUCTION

Two-piece die-cast aluminum housing has integral heat sink fins to optimize thermal management through conductive and convective cooling. Modular design allows for ease of maintenance. The LED driver is mounted to the door to thermally isolate it from the light engines for low operating temperature and long life. Housing is completely sealed against moisture and environmental contaminants (IP65).

FINISH

Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Available in textured and non-textured finishes.

OPTICS

Precision-molded proprietary acrylic lenses provide multiple photometric distributions tailored specifically to building mounted applications. Light engines are available in 3000 K (80 min. CRI), 4000 K (70 min. CRI) or 5000 K (70 CRI) configurations.

ELECTRICAL

Light engine(s) consist of 10 high-efficacy LEDs mounted to a metal-core circuit board to maximize heat dissipation and promote long life (L88/100,000 hrs at 25°C). Class 1 electronic drivers have a

power factor >90%, THD <20%, and a minimum 2.5KV surge rating. When ordering the SPD option, a separate surge protection device is installed within the luminaire which meets a minimum Category C Low (per ANSI/IEEE C62.41.2).

INSTALLATION

Included universal mounting bracket attaches securely to any 4" round or square outlet box for quick and easy installation. Luminaire has a slotted gasket wireway and attaches to the mounting bracket via corrosion-resistant screws.

LISTINGS

CSA certified to U.S. and Canadian standards. Rated for -40°C minimum ambient.

DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org to confirm which versions are qualified.

WARRANTY

Five year limited warranty. Full warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx.

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25°C. Specifications subject to change without notice.





D-Series Size 1 LED Wall Luminaire



d#series

Specifications Luminaire

Width: 13-3/4"
(34.9 cm) **Weight:** 12 lbs
(5.4 kg)

Depth: 10"
(25.4 cm)

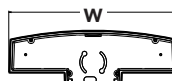
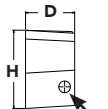
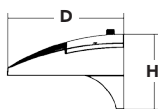
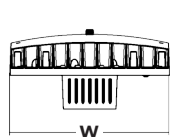
Height: 6-3/8"
(16.2 cm)

Back Box (BBW, ELCW)

Width: 13-3/4"
(34.9 cm) **BBW Weight:** 5 lbs
(2.3 kg)

Depth: 4"
(10.2 cm) **ELCW Weight:** 10 lbs
(4.5 kg)

Height: 6-3/8"
(16.2 cm)



For 3/4" NPT side-entry
conduit (BBW only)

Catalog
Number

Notes

Type

Hit the Tab key or mouse over the page to see all interactive elements.

Introduction

The D-Series Wall luminaire is a stylish, fully integrated LED solution for building-mount applications. It features a sleek, modern design and is carefully engineered to provide long-lasting, energy-efficient lighting with a variety of optical and control options for customized performance.

With an expected service life of over 20 years of nighttime use and up to 74% in energy savings over comparable 250W metal halide luminaires, the D-Series Wall is a reliable, low-maintenance lighting solution that produces sites that are exceptionally illuminated.

Ordering Information

EXAMPLE: DSXW1 LED 20C 1000 40K T3M MVOLT DDBTXD

DSXW1 LED									
Series	LEDs	Drive Current	Color temperature	Distribution	Voltage	Mounting	Control Options	Other Options	Finish (required)
DSXW1 LED	10C 10 LEDs (one engine) 20C 20 LEDs (two engines)	350 350 mA 530 530 mA 700 700 mA 1000 1000 mA (1 A)	30K 3000 K 40K 4000 K 50K 5000 K AMBPC Amber phosphor converted	T2S Type II Short T2M Type II Medium T3S Type III Short T3M Type III Medium T4M Type IV Medium TFTM Forward Throw Medium ASYDF Asym-metric diffuse	MVOLT 120 ¹ 208 ¹ 240 ¹ 277 ¹ 347 ² 480 ²	Shipped included (blank) Surface mounting bracket BBW Surface-mounted back box (for conduit entry) ³	Shipped installed PE Photoelectric cell, button type ⁴ DMG 0-10V dimming driver (no controls) PIR 180° motion/ambient light sensor, <15' mtg ht ⁵ PIRH 180° motion/ambient light sensor, 15-30' mtg ht ⁵ ELCW Emergency battery backup (includes external component enclosure) ⁶	Shipped installed SF Single fuse (120, 277 or 347V) ⁷ DF Double fuse (208, 240 or 480V) ⁷ HS House-side shield ⁸ SPD Separate surge protection ⁹ Shipped separately BSW Bird-deterrent spikes WG Wire guard VG Vandal guard DDL Diffused drop lens	DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DSXSD Sandstone DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white DSSTXD Textured sandstone

NOTES

- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF options), or photocontrol (PE option).
- Only available with 20C, 700mA or 1000mA. Not available with PIR or PIRH.
- Back box ships installed on fixture. Cannot be field installed. Cannot be ordered as an accessory.
- Photocontrol (PE) requires 120, 208, 240, 277 or 347 voltage option. Not available with motion/ambient light sensors (PIR or PIRH).
- PIR specifies the Sensor Switch SBGR-10-ODP control; PIRH specifies the Sensor Switch SBGR-6-ODP control; see Motion Sensor Guide for details. Includes ambient light sensor. Not available with "PE" option (button type photocell). Dimming driver standard. Not available with 20 LED/1000 mA configuration (DSXW1 LED 20C 1000).
- Cold weather (-20C) rated. Not compatible with conduit entry applications. Not available with BBW mounting option. Not available with fusing. Not available with 347 or 480 voltage options. Emergency components located in back box housing. Emergency mode IES files located on product page at www.lithonia.com
- Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option. Not available with ELCW.
- Also available as a separate accessory; see Accessories information.
- See the electrical section on page 3 for more details.

Accessories

Ordered and shipped separately.

DSXWHS U	House-side shield (one per light engine)
DSXWBSW U	Bird-deterrent spikes
DSXW1WG U	Wire guard accessory
DSXW1VG U	Vandal guard accessory



Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

LEDs	Drive Current (mA)	System Watts	Dist. Type	30K					40K					50K					AMBER				
				Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
10C (10 LEDs)	530mA	20 W	T2S	1,843	1	0	1	92	1,956	1	0	1	98	1,729	1	0	1	86	1,264	0	0	1	63
			T2M	1,756	1	0	1	88	1,864	1	0	1	93	1,648	1	0	1	82	1,205	0	0	1	60
			T3S	1,822	0	0	1	91	1,934	0	0	1	97	1,710	0	0	1	86	1,250	0	0	1	63
			T3M	1,804	1	0	1	90	1,914	1	0	1	96	1,693	1	0	1	85	1,237	0	0	1	62
			T4M	1,767	1	0	1	88	1,876	1	0	1	94	1,658	0	0	1	83	1,212	0	0	1	61
			TFTM	1,837	0	0	1	92	1,950	0	0	1	98	1,724	0	0	1	86	1,260	0	0	1	63
			ASYDF	1,642	1	0	1	82	1,743	1	0	1	87	1,541	1	0	1	77	1,127	0	0	1	56
			T2S	2,272	1	0	1	84	2,409	1	0	1	89	2,421	1	0	1	90	1,544	0	0	1	57
	700mA	27 W	T2M	2,165	1	0	1	80	2,296	1	0	1	85	2,307	1	0	1	85	1,472	0	0	1	55
			T3S	2,247	1	0	1	83	2,382	1	0	1	88	2,394	1	0	1	89	1,527	0	0	1	57
			T3M	2,224	1	0	1	82	2,358	1	0	1	87	2,370	1	0	1	88	1,512	0	0	1	56
			T4M	2,179	1	0	1	81	2,310	1	0	1	86	2,322	1	0	1	86	1,481	0	0	1	55
			TFTM	2,265	1	0	1	84	2,401	1	0	1	89	2,413	1	0	1	89	1,539	0	0	1	57
			ASYDF	2,025	1	0	1	75	2,147	1	0	1	80	2,158	1	0	1	80	1,376	1	0	1	51
			T2S	3,011	1	0	1	75	3,190	1	0	1	80	3,202	1	0	1	80	2,235	1	0	1	58
			T2M	2,870	1	0	1	72	3,040	1	0	1	76	3,051	1	0	1	76	2,130	1	0	2	55
	1000mA	40 W	T3S	2,978	1	0	1	74	3,155	1	0	1	79	3,166	1	0	1	79	2,210	1	0	2	57
			T3M	2,948	1	0	1	74	3,123	1	0	1	78	3,134	1	0	1	78	2,187	1	0	2	56
			T4M	2,888	1	0	1	72	3,059	1	0	1	76	3,071	1	0	1	77	2,143	1	0	2	55
			TFTM	3,002	1	0	1	75	3,180	1	0	1	80	3,192	1	0	1	80	2,228	1	0	2	57
			ASYDF	2,684	1	0	1	67	2,843	1	0	1	71	2,854	1	0	1	71	1,991	1	0	2	51
			T2S	3,649	1	0	1	101	3,876	1	0	1	108	3,429	1	0	1	95	2,504	1	0	1	70
			T2M	3,478	1	0	1	97	3,694	1	0	1	103	3,267	1	0	1	91	2,387	1	0	1	66
			T3S	3,609	1	0	1	100	3,833	1	0	1	106	3,390	1	0	1	94	2,477	1	0	1	69
20C (20 LEDs)	530mA	36 W	T3M	3,572	1	0	1	99	3,794	1	0	1	105	3,356	1	0	1	93	2,451	1	0	2	68
			T4M	3,500	1	0	2	97	3,717	1	0	2	103	3,288	1	0	1	91	2,402	1	0	1	67
			TFTM	3,638	1	0	1	101	3,864	1	0	1	107	3,418	1	0	1	95	2,496	1	0	1	69
			ASYDF	3,252	1	0	2	90	3,454	1	0	2	96	3,056	1	0	2	85	2,232	1	0	1	62
	700mA	47 W	T2S	4,502	1	0	1	96	4,776	1	0	1	102	4,794	1	0	1	102	3,065	1	0	1	65
			T2M	4,290	1	0	1	91	4,552	1	0	1	97	4,569	1	0	1	97	2,921	1	0	1	62
			T3S	4,452	1	0	1	95	4,723	1	0	2	100	4,741	1	0	2	101	3,031	1	0	1	64
			T3M	4,407	1	0	2	94	4,675	1	0	2	99	4,693	1	0	2	100	3,000	1	0	1	64
			T4M	4,318	1	0	2	92	4,581	1	0	2	97	4,598	1	0	2	98	2,939	1	0	1	63
			TFTM	4,488	1	0	2	95	4,761	1	0	2	101	4,779	1	0	2	102	3,055	1	0	1	65
			ASYDF	4,012	1	0	2	85	4,257	1	0	2	91	4,273	1	0	2	91	2,732	1	0	1	58
	1000mA	74 W	T2S	5,963	1	0	1	80	6,327	1	0	1	84	6,351	1	0	1	85	4,429	1	0	1	61
			T2M	5,683	1	0	2	76	6,029	1	0	2	80	6,052	1	0	2	81	4,221	1	0	2	58
			T3S	5,896	1	0	2	79	6,256	1	0	2	83	6,280	1	0	2	84	4,380	1	0	2	60
			T3M	5,837	1	0	2	78	6,193	1	0	2	83	6,216	1	0	2	83	4,335	1	0	2	59
			T4M	5,719	1	0	2	76	6,067	1	0	2	81	6,090	1	0	2	81	4,248	1	0	2	58
			TFTM	5,944	1	0	2	79	6,307	1	0	2	84	6,330	1	0	2	84	4,415	1	0	2	60
			ASYDF	5,314	1	0	2	71	5,638	2	0	2	75	5,660	2	0	2	75	3,947	1	0	2	54

Performance Data

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient		Lumen Multiplier
0°C	32°F	1.02
10°C	50°F	1.01
20°C	68°F	1.00
25°C	77°F	1.00
30°C	86°F	1.00
40°C	104°F	0.98

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the **DSXW1 LED 20C 1000** platform in a **25°C ambient**, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	1.0	0.95	0.93	0.88

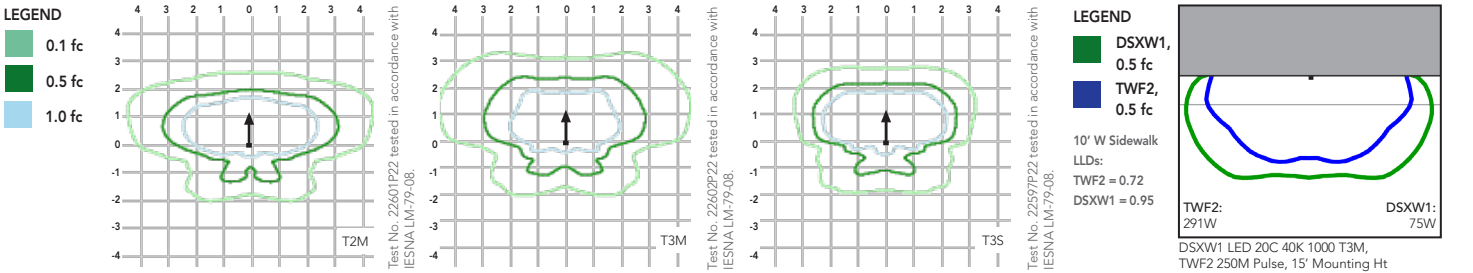
Electrical Load

LEDs	Drive Current (mA)	System Watts	Current (A)					
			120V	208V	240V	277V	347V	480V
10C	350	14 W	0.13	0.07	0.06	0.06	-	-
	530	20 W	0.19	0.11	0.09	0.08	-	-
	700	27 W	0.25	0.14	0.13	0.11	-	-
	1000	40 W	0.37	0.21	0.19	0.16	-	-
20C	350	25 W	0.23	0.13	0.12	0.10	-	-
	530	36 W	0.33	0.19	0.17	0.14	-	-
	700	47 W	0.44	0.25	0.22	0.19	0.15	0.11
	1000	75 W	0.69	0.40	0.35	0.30	0.23	0.17

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's [D-Series Wall Size 1 homepage](#).

Isofootcandle plots for the DSXW1 LED 20C 1000 40K. Distances are in units of mounting height (15').



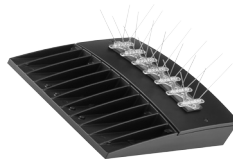
Options and Accessories



T3M (left), ASYDF (right) lenses



HS - House-side shields



BSW - Bird-deterrent spikes



WG - Wire guard



VG - Vandal guard



DDL - Diffused drop lens

FEATURES & SPECIFICATIONS

INTENDED USE

The energy savings, long life and easy-to-install design of the D-Series Wall Size 1 make it the smart choice for building-mounted doorway and pathway illumination for nearly any facility.

CONSTRUCTION

Two-piece die-cast aluminum housing has integral heat sink fins to optimize thermal management through conductive and convective cooling. Modular design allows for ease of maintenance. The LED driver is mounted to the door to thermally isolate it from the light engines for low operating temperature and long life. Housing is completely sealed against moisture and environmental contaminants (IP65).

FINISH

Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Available in textured and non-textured finishes.

OPTICS

Precision-molded proprietary acrylic lenses provide multiple photometric distributions tailored specifically to building mounted applications. Light engines are available in 3000 K (80 min. CRI), 4000 K (70 min. CRI) or 5000 K (70 CRI) configurations.

ELECTRICAL

Light engine(s) consist of 10 high-efficacy LEDs mounted to a metal-core circuit board to maximize heat dissipation and promote long life (L88/100,000 hrs at 25°C). Class 1 electronic drivers have a

power factor >90%, THD <20%, and a minimum 2.5KV surge rating. When ordering the SPD option, a separate surge protection device is installed within the luminaire which meets a minimum Category C Low (per ANSI/IEEE C62.41.2).

INSTALLATION

Included universal mounting bracket attaches securely to any 4" round or square outlet box for quick and easy installation. Luminaire has a slotted gasket wireway and attaches to the mounting bracket via corrosion-resistant screws.

LISTINGS

CSA certified to U.S. and Canadian standards. Rated for -40°C minimum ambient.

DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org to confirm which versions are qualified.

WARRANTY

Five year limited warranty. Full warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx.

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25°C. Specifications subject to change without notice.

