

PROPOSED NEW FIRE STATION & SELF STORAGE FACILITY FOR:

# OAKLAND PARK STORAGE BUILDERS, LLC

880 W PROSPECT ROAD - OAKLAND PARK, FL 33334

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COV

RENDERING  
SURVEY

ARCHITECTURE

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PETER BLITSTEIN  
LIC. No. - AR0007570



project name

PROPOSED NEW SELF  
STORAGE FACILITY FOR:

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BUILDERS, LLC

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 **CubeSmart** self storage



**FIRE**  
STATION

SELF STORAGE

SELF STORAGE

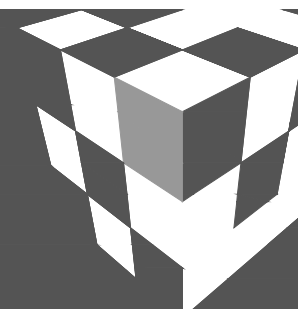




VIEW FROM POWERLINE ROAD



VIEW FROM POWERLINE ROAD



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VIEW FROM I-95



VIEW FROM PROSPECT ROAD



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## NOTES:

### FIRE PROTECTION FEATURES TO BE INCORPORATED INTO FINAL CONSTRUCTION DOCUMENTS...

- BUILDING IS TO BE FULL SPRINKLERED
- BUILDING TO HAVE FIRE ALARM SYSTEM.
- BUILDING TO HAVE BDA RADIO ENHANCEMENT SYSTEM INCORPORATED INTO FINAL DESIGN INCLUDING: 10'x10' RADIO ROOM AT TOP FLOOR AND CONTINUOUS 2HR VERT. CHASE.

BUILDING SHALL COMPLY WITH FLORIDA ENERGY CONSERVATION CODE LATEST EDITION.

### CRIME PREVENTION THROUGH ENVIRONMENTAL DESIGN:

- SITE LIGHTING SHALL BE PROVIDED TO ILLUMINATE SITE TO REQUIRED FT CANDLES, & BE DESIGNED TO PREVENT GLARE & DEEP HIGH CONTRAST SHADOWS.
- SIGNAGE TO BE PROVIDED READING "PROPERTY UNDER 24HR CCTV SURVEILLANCE"
- LANDSCAPING TO BE REGULARLY MAINTAINED AND A CLEAR LINE OF SIGHT PROVIDED WITH HEDGES KEPT AT 30" HIGH AND TREE CANOPIES AT 96" HIGH
- SELF STORAGE FACILITY AND FIRE STATION TO SUBMIT SEPARATE SECURITY CAMERA PLANS
- SELF STORAGE FACILITY TO PROVIDE AFTER HOURS 24HR SECURITY MONITORING TO PREVENT CRIME, LOITERING, AND ACCESS BY UNAUTHORIZED PERSONNEL.

## SITE DATA

ZONING	B-3 (PROPOSED)
GROSS LOT AREA	42,887.8 sf (0.98 acres)
PROPOSED USE	PUBLIC STORAGE
BUILDING HEIGHT (MAX 100')	74'-10" (TOP OF ROOF)
NUMBER OF STORIES-BLDG	6 STORIES
FLOOR AREA RATIO (F.A.R.): 1.0	97,367 / 42,887.8 = 2.27 (*)
PROPOSED BUILDING AREA	
1st FLOOR	
STORAGE OFFICE	770 S.F.
FIRE STATION	7,150 S.F.
STAIRS, ELEVATORS, LOBBY, ETC.	1,457 S.F.
2nd FLOOR	
FIRE STATION	3,675 S.F.
STORAGE	13,923 S.F.
3rd FLOOR TO 6th FLOOR	
STORAGE	17,598 S.F. X 4 = 87,990 S.F.
TOTAL GROSS BUILDING AREA	97,367 S.F.

SETBACKS	ALLOWED	PROVIDED
PRINCIPAL FRONT (PROSPECT RD.)	37'-5" MIN (*)	34'-8"
SECONDARY FRONT	NONE	N/A
SIDE (EAST) - (I-95)	24'-11 1/2" MIN (*)	5'-0"
SIDE (WEST) - (POWERLINE RD.)	24'-11 1/2" MIN	30'-01/2"
REAR	24'-11 1/2" MIN (*)	23'-2"

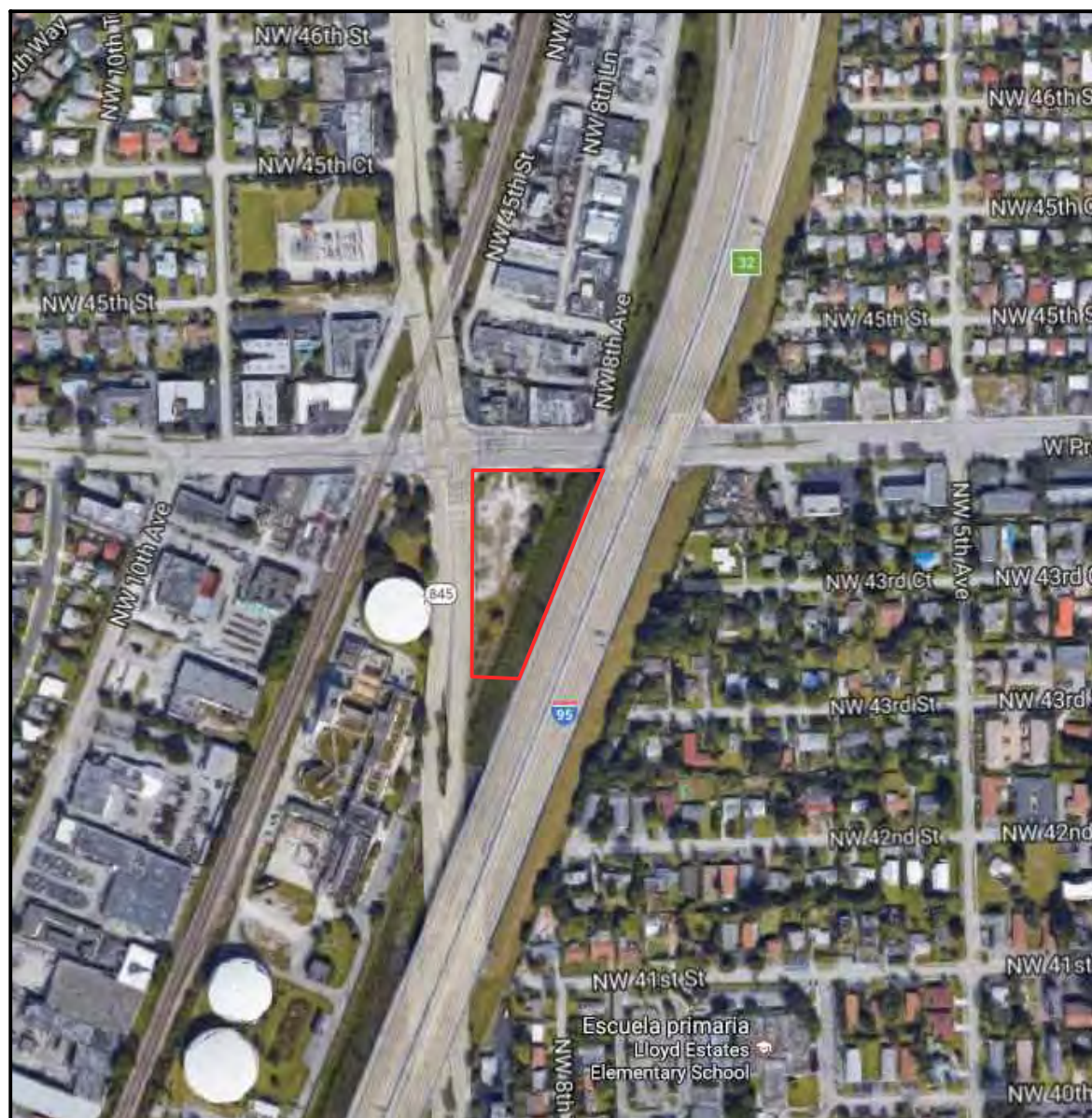
VEHICULAR USE AREA	20,635 S.F. (53.83%)
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NOTE: FOR BUILDINGS HIGHER THAN 50', FRONT SETBACK MUST BE AT LEAST ONE-HALF OF THE BUILDING HEIGHT; SIDE AND REAR MUST BE AT LEAST ONE-THIRD ON BUILDING HEIGHT

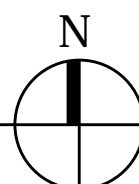
### \* REQUIRES VARIANCE

PARKING	REQUIRED	PROVIDED
WAREHOUSE, SELFSTORAGE (1/100 STALLS - TOTAL STALLS = 400)	4.0	10
WAREHOUSE, OFFICE	2	2
LOADING (14' VERTICAL)	2	2
CITY LOT	-	9
TOTAL (1 H.C. SPACE INCLUDED)	-	23
STREET PARKING		0
BICYCLE RACK	2	2

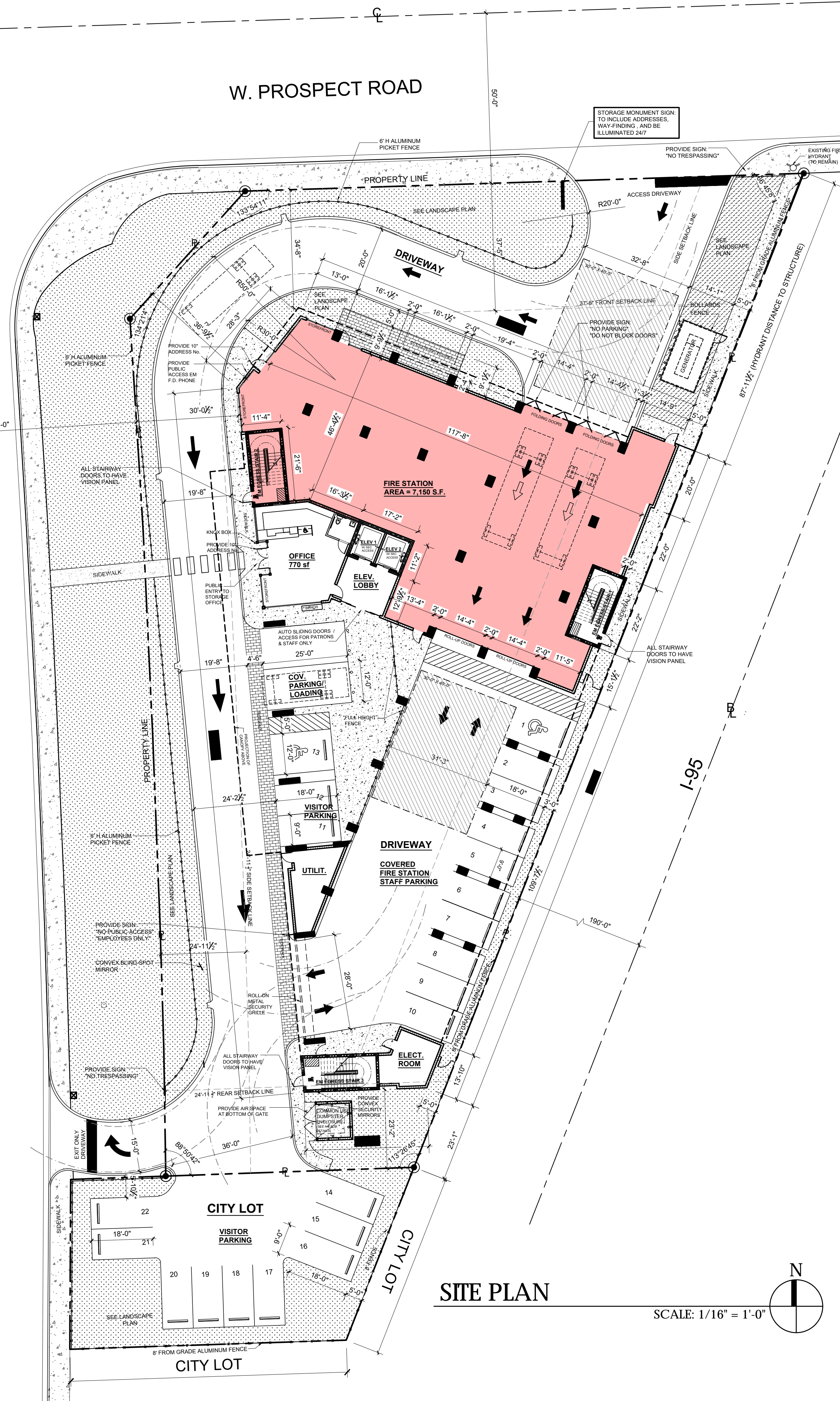
GREEN SPACE	REQUIRED	PROVIDED
GREEN SPACE (20% OF THE SITE)	8,577.52 S.F.	8,674 S.F.



LOCATION MAP

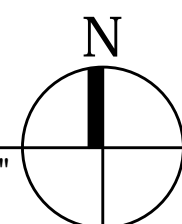


POWERLINE ROAD



SITE PLAN

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



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APRIL 27, 2020

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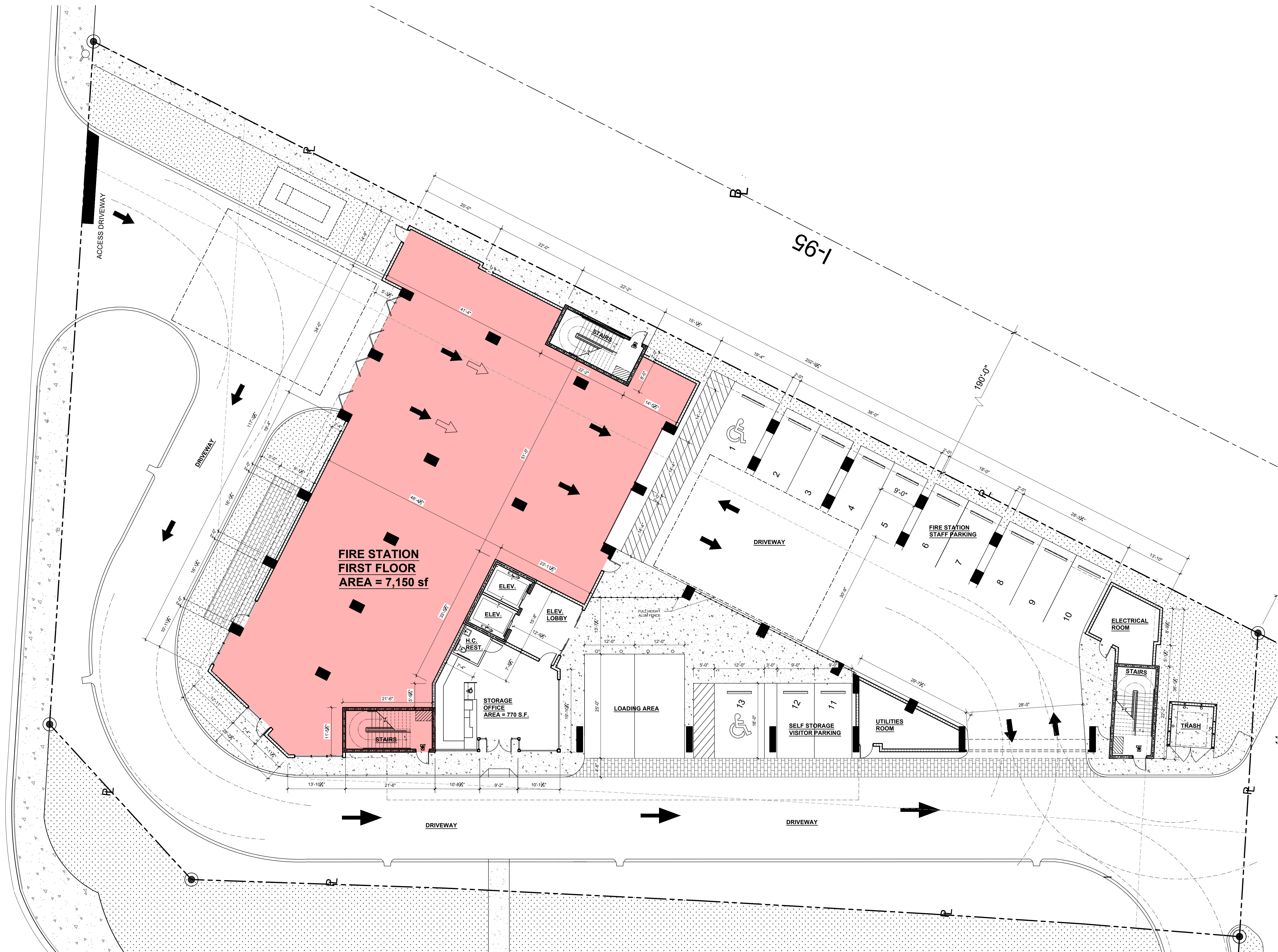
**SITE PLAN**

SCALE: AS SHOWN

sheet number

**A-1**





FIRST FL. PLAN

SCALE: 3/32" = 1'-0"



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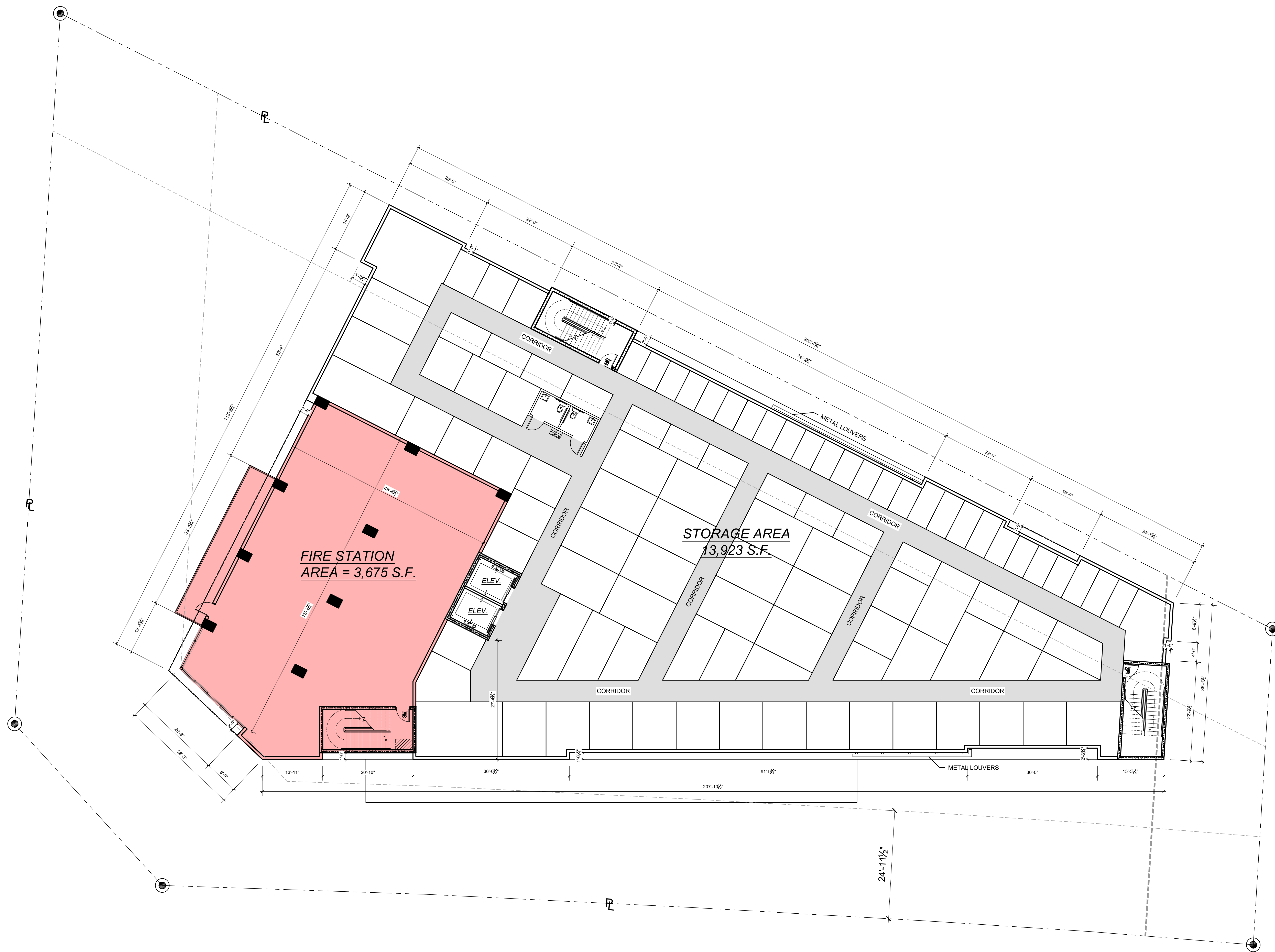
**1st FLOOR  
PLAN**

SCALE: AS SHOWN

sheet number

**A-2**





SECOND FL. PLAN  
(700 +/- Storage Units all Floors)

SCALE: 3/32" = 1'-0"



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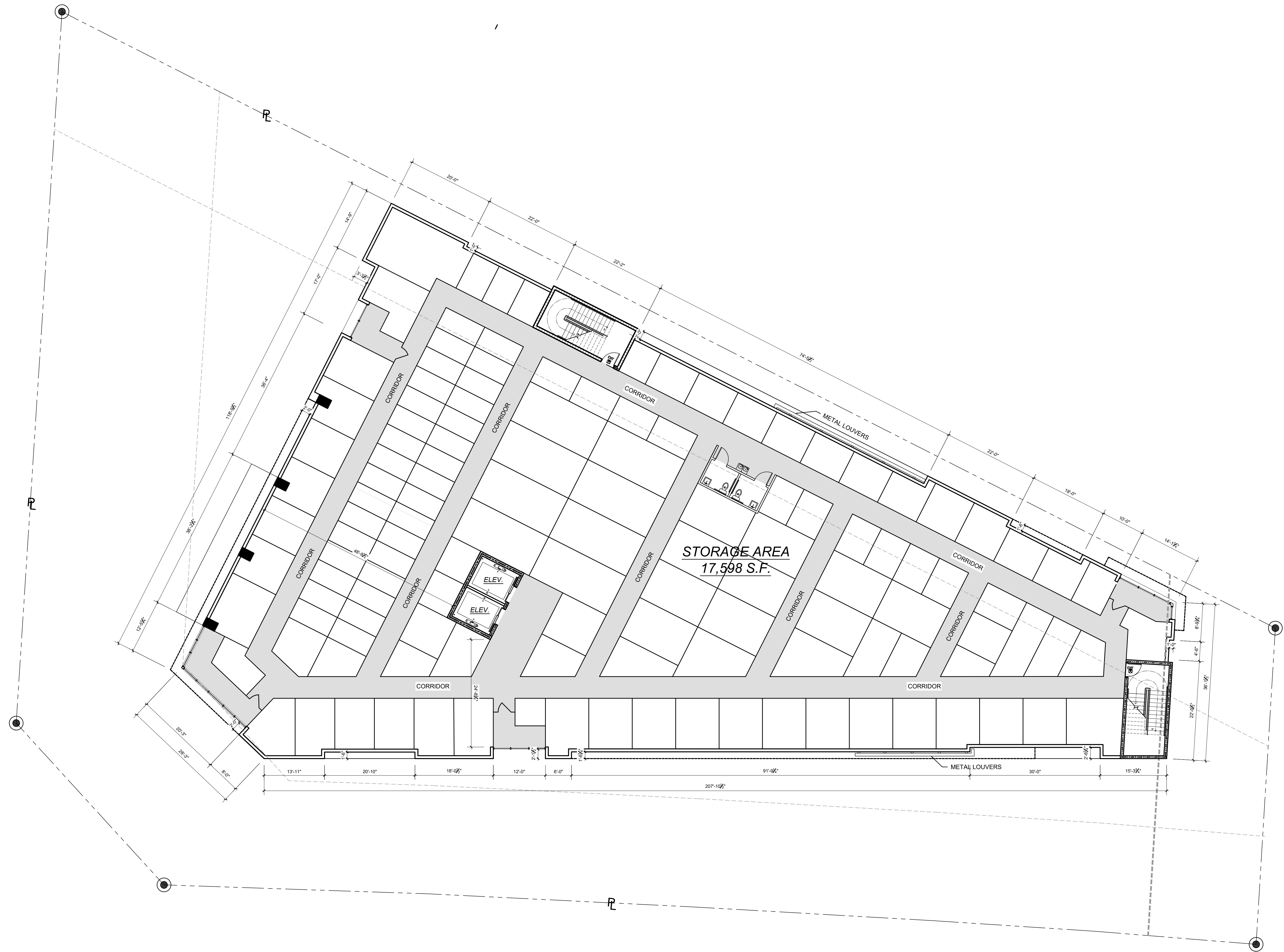
**2nd FLOOR  
PLAN**

SCALE: AS SHOWN

sheet number

**A-2.a**





3rd- 4th - 5th & 6th FLOOR PLAN  
(700 +/- Storage Units all Floors)  
(Restrooms located only at 4th and 6th floors)

SCALE: 3/32" = 1'-0"



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**3rd, 4th, 5th,  
6th FLOOR  
PLAN**

SCALE: AS SHOWN

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**A-2.b**



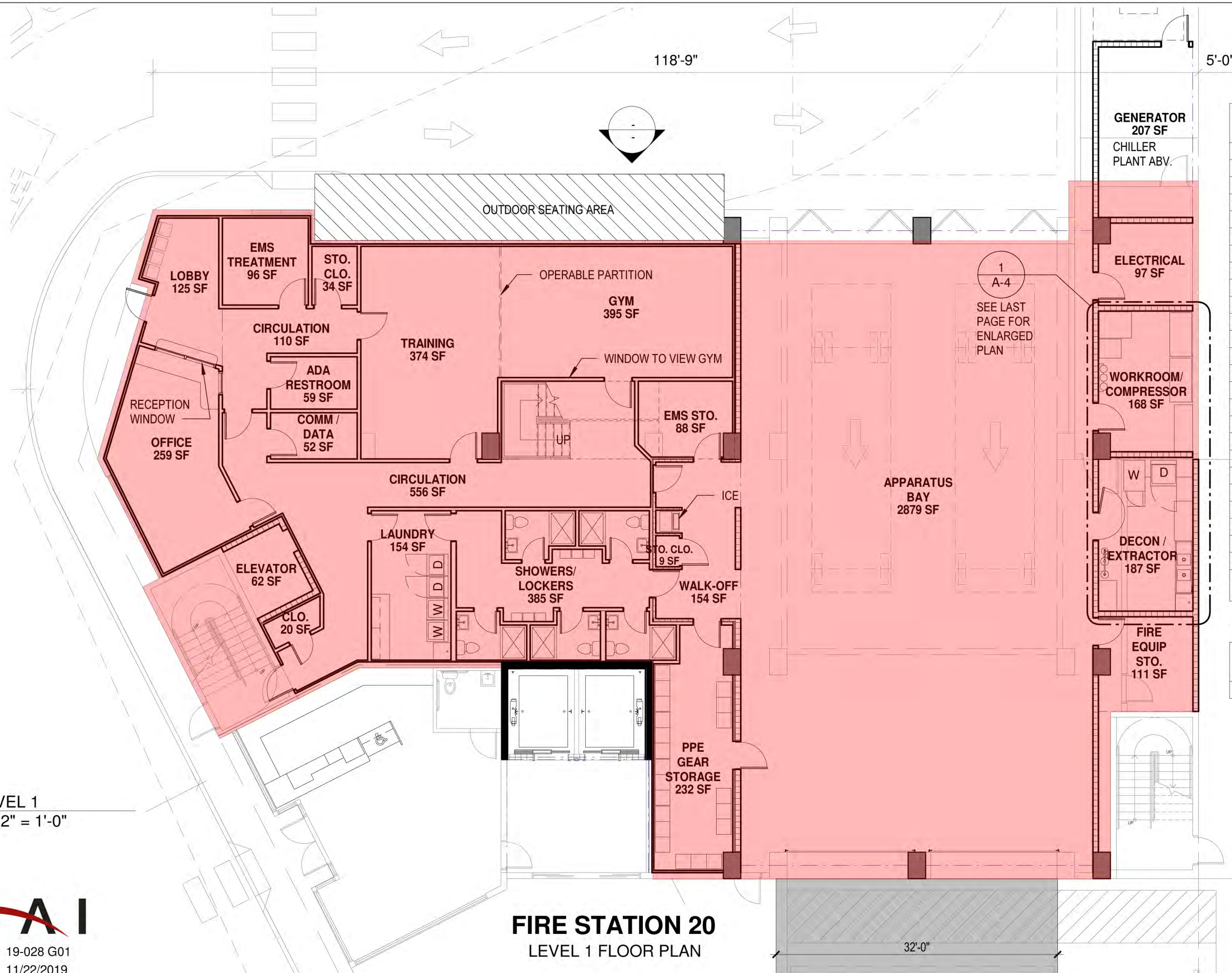


1 LEVEL 1  
3/32" = 1'-0"



PROJECT NO: 19-028 G01  
DATE: 11/22/2019

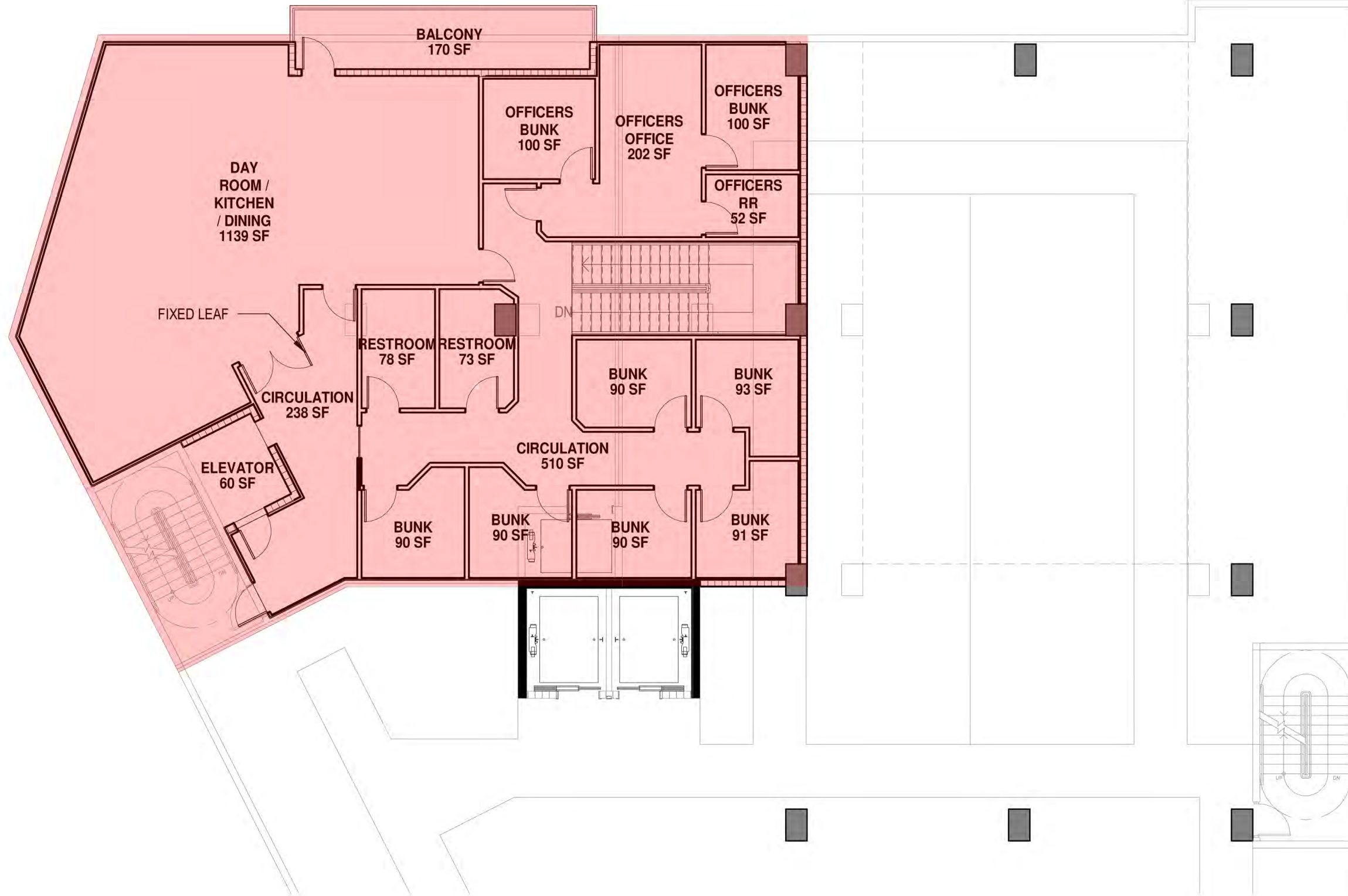
# FIRE STATION 20 LEVEL 1 FLOOR PLAN



LEVEL 1 ROOM AREAS	
Name	Area
ADA RESTROOM	59 SF
APPARATUS BAY	2879 SF
CIRCULATION	556 SF
CIRCULATION	110 SF
CLO.	20 SF
COMM / DATA	52 SF
DECON / EXTRACTOR	187 SF
ELECTRICAL	97 SF
ELEVATOR	62 SF
EMS STO.	88 SF
EMS TREATMENT	96 SF
FIRE EQUIP STO.	111 SF
GENERATOR	207 SF
GYM	395 SF
LAUNDRY	154 SF
LOBBY	125 SF
OFFICE	259 SF
PPE GEAR STORAGE	232 SF
SHOWERS/ LOCKERS	385 SF
STO. CLO.	34 SF
STO. CLO.	9 SF
TRAINING	374 SF
WALK-OFF	154 SF
WORKROOM/ COMPRESSOR	168 SF
6815 SF	
WALLS & COLUMNS:	361 SF
LEVEL 1 LEASE AREA	
LEVEL 1 LEASE AREA	7176 SF







LEVEL 2 ROOM AREAS	
Name	Area
BALCONY	170 SF
BUNK	93 SF
BUNK	90 SF
BUNK	91 SF
BUNK	90 SF
BUNK	90 SF
BUNK	90 SF
CIRCULATION	510 SF
CIRCULATION	238 SF
DAY ROOM / KITCHEN / DINING	1139 SF
ELEVATOR	60 SF
OFFICERS BUNK	100 SF
OFFICERS BUNK	100 SF
OFFICERS OFFICE	202 SF
OFFICERS RR	52 SF
RESTROOM	78 SF
RESTROOM	73 SF
	3263 SF
WALLS & COLUMNS:	237 SF
LEVEL 2 LEASE AREA	
LEVEL 2 LEASE AREA	3500 SF



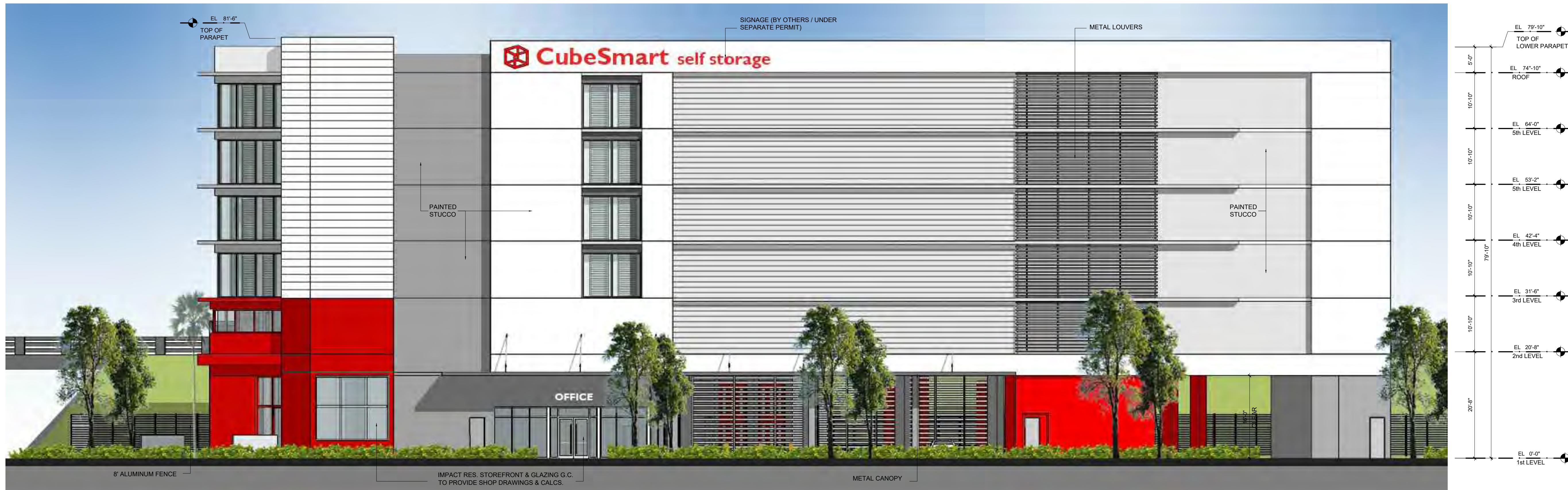
1 LEVEL 2  
3/32" = 1'-0"





NORTH ELEVATION (FACING PROSPECT ROAD)

3/32" = 1'-0"



WEST ELEVATION (FACING POWERLINE ROAD)

3/32" = 1'-0"



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color  
elevations

SCALE: AS SHOWN

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**A-3**





SOUTH ELEVATION

3/32" = 1'-0"



EAST ELEVATION (FACING I-95)

3/32" = 1'-0"



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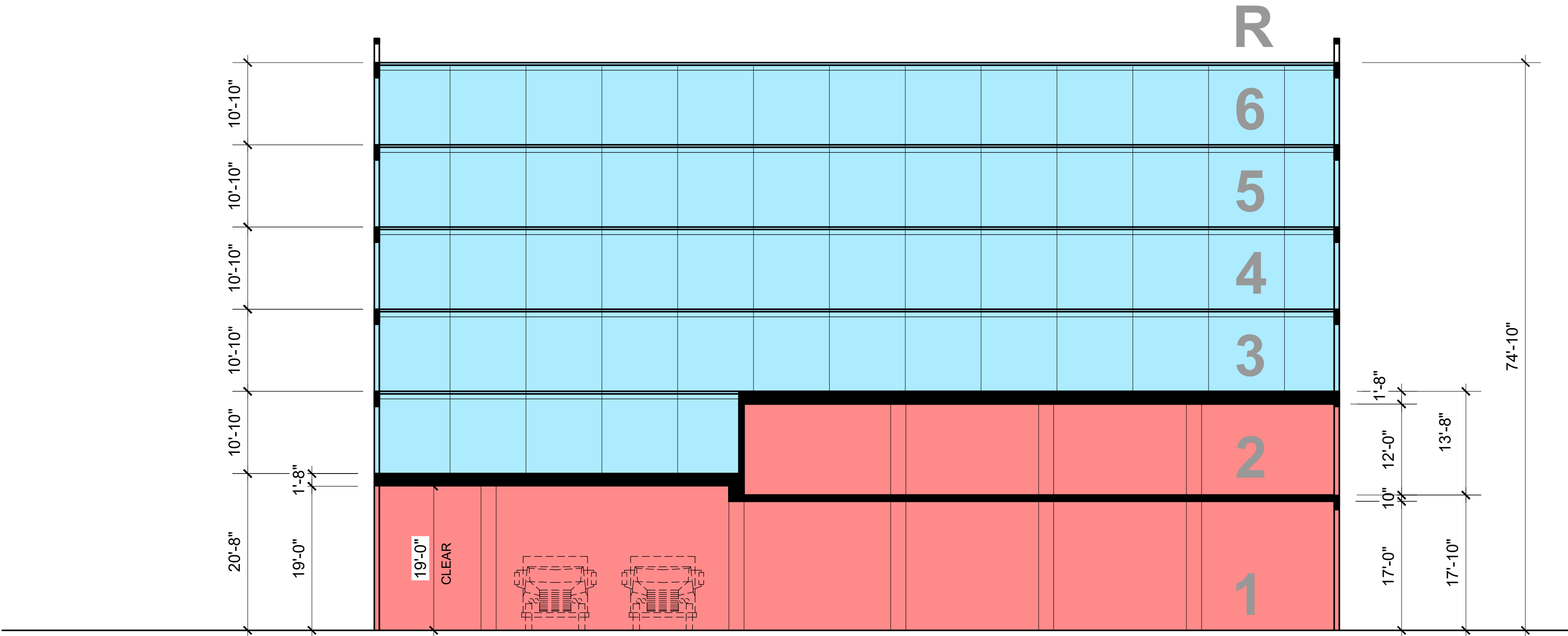
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elevations

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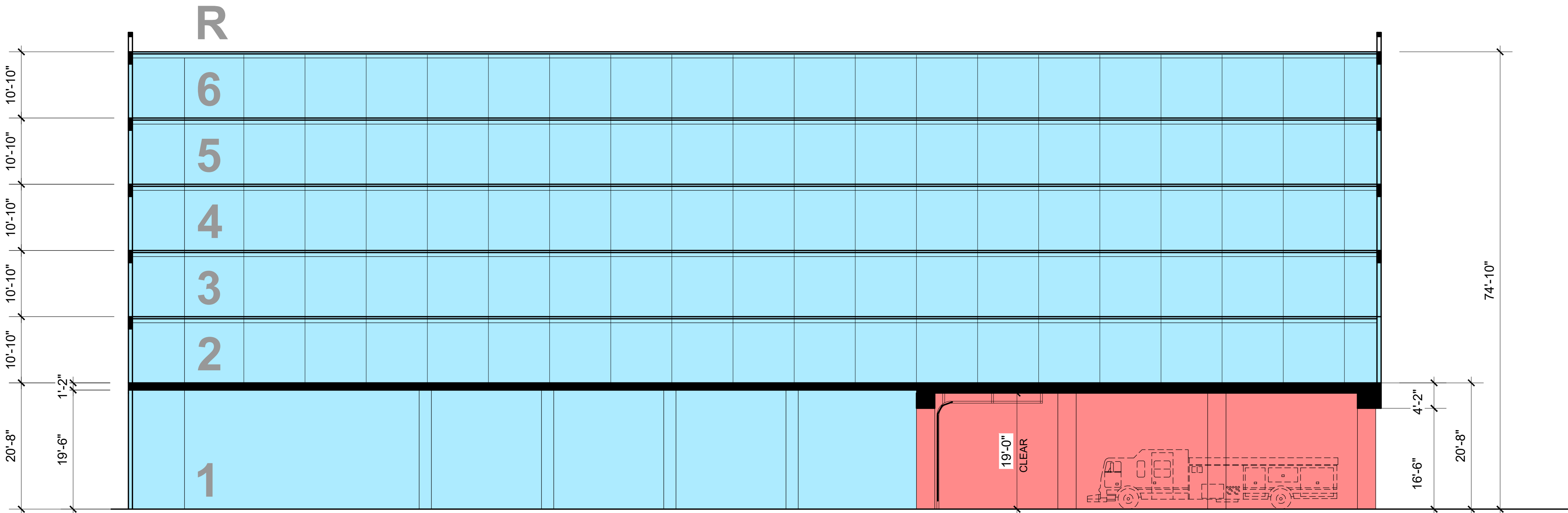
**A-4**





SECTION

SCALE: 3/32" = 1'-0"



SECTION

SCALE: 3/32" = 1'-0"

- FIRE STATION  
AREA
- SELF STORAGE  
AREA



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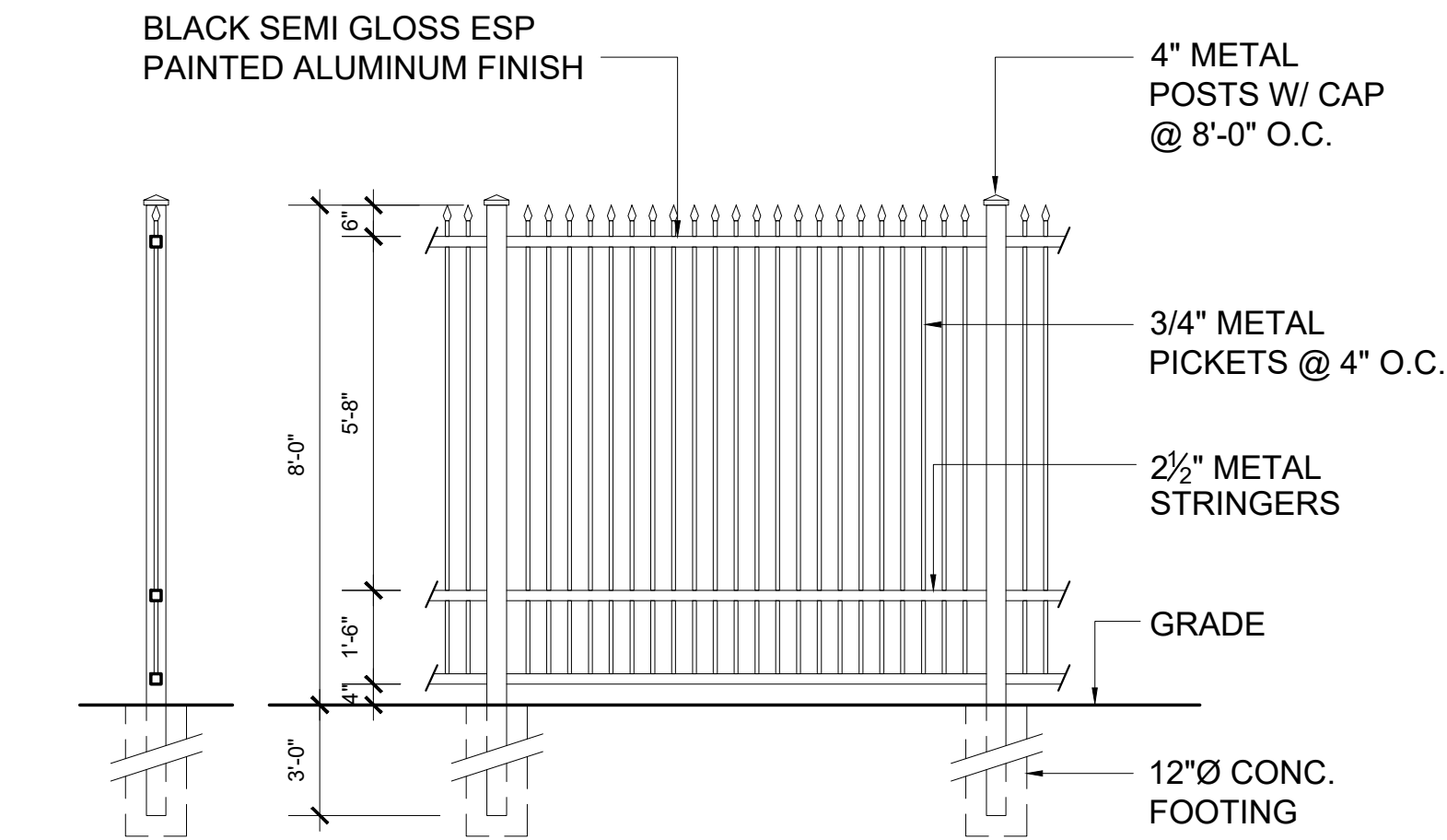
**Building  
Sections**

SCALE: AS SHOWN

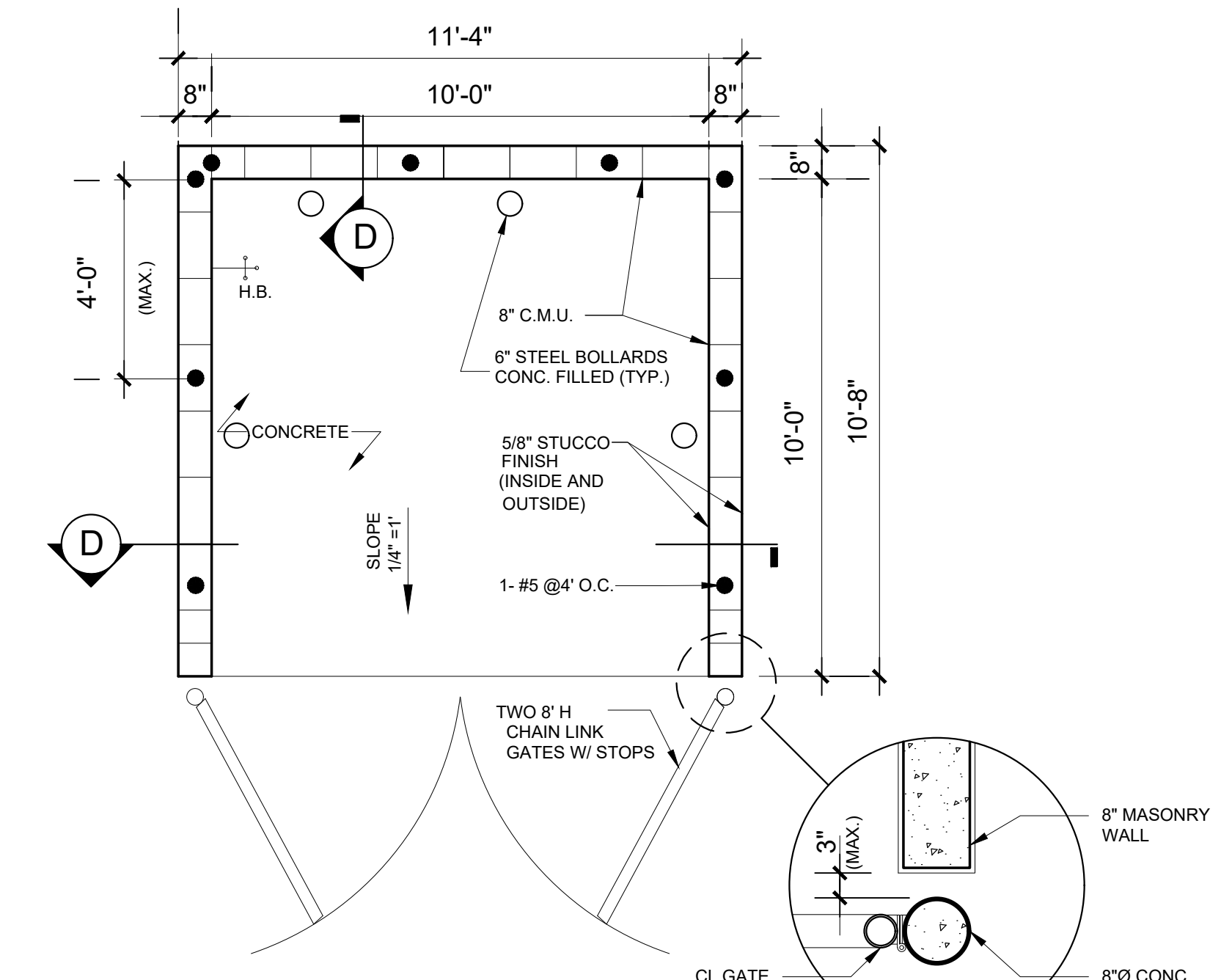
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**A-5**

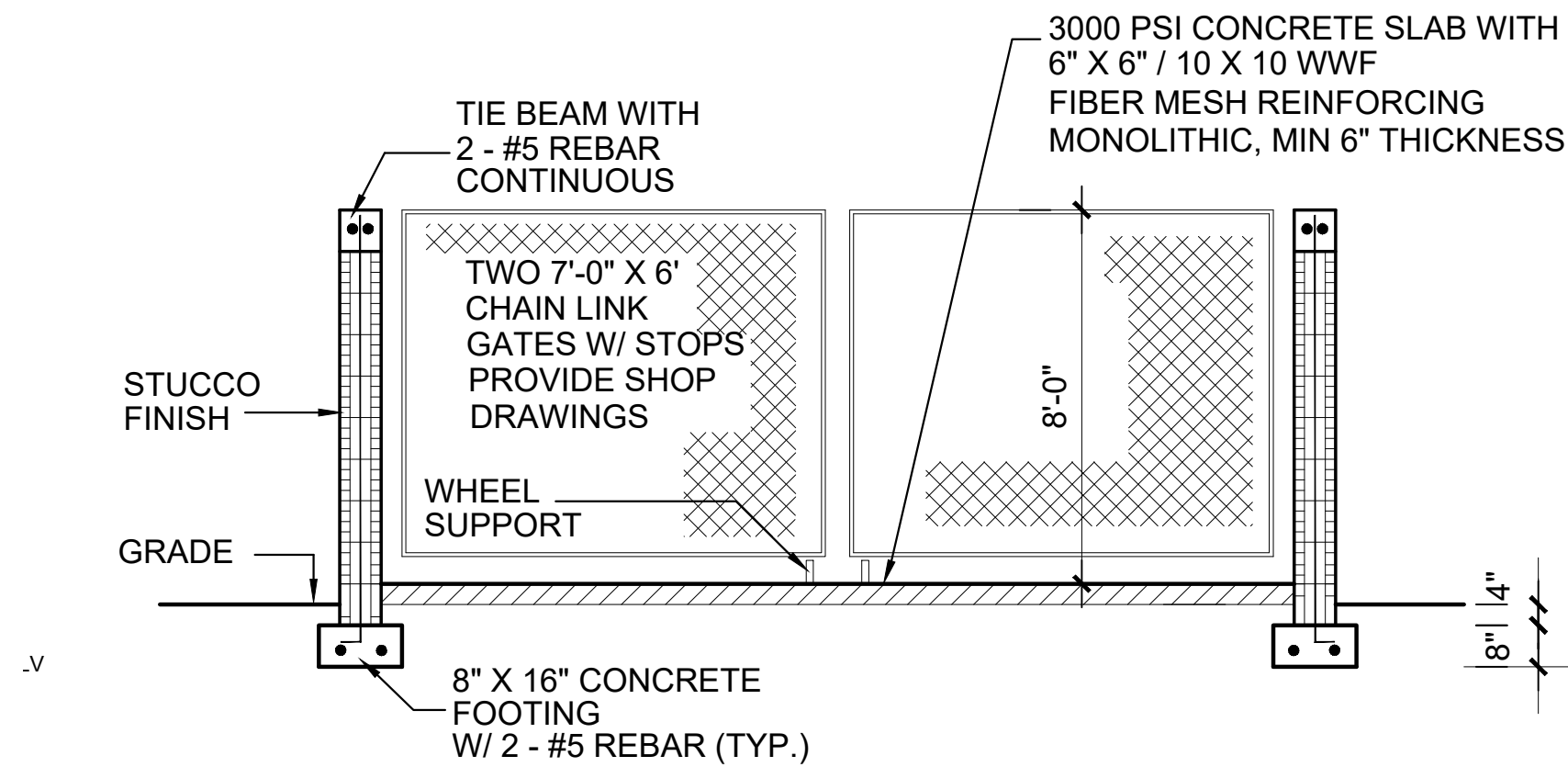




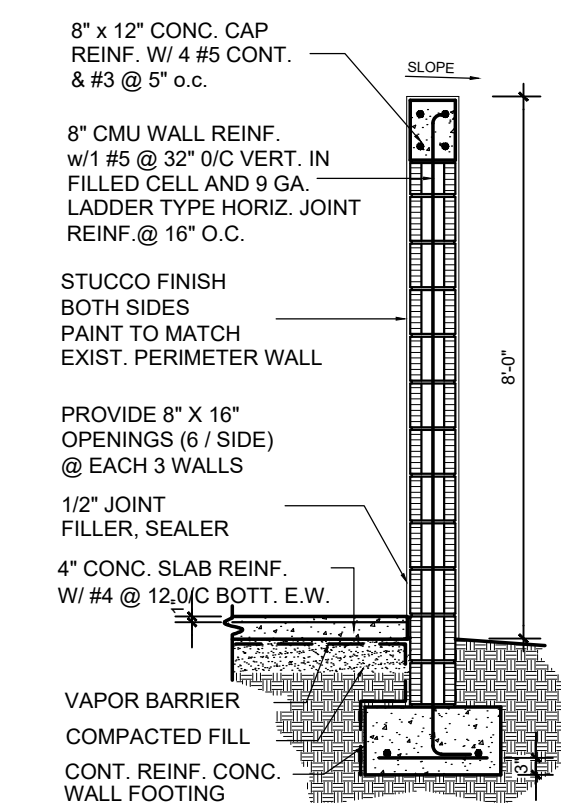
**A** FENCE  
A-6 SCALE: 3/8" = 1'-0"



**B** DUMPSTER ENCLOSURE  
A-6 SCALE: 3/8" = 1'-0"



**C** ELEV. DUMPSTER ENCLOSURE  
A-6 SCALE: 3/8" = 1'-0"



**D** PAINTED CMU  
TRASH ENCLOSURE  
A-6 SCALE: 3/8" = 1'-0"



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**FENCE &  
DUMPSTER**



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






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**A-6**





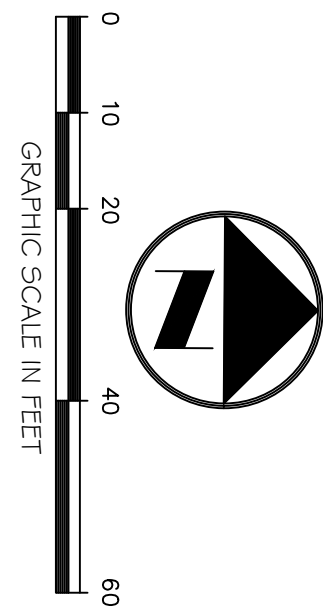
- GENERAL PAVING AND GRADING NOTES:**
1. CONTRACTOR TO RESTORE ALL EXISTING PAVEMENT MARKINGS, SUEWAY, LANDSCAPING, IRRIGATION, ETC. DAMAGED DURING CONSTRUCTION INCLUDING ANY DAMAGE TO EXISTING ROADWAY IN PUBLIC R.O.W.
  2. EXISTING GRADES SHOWN  ARE FOR REFERENCE ONLY. FINISHED GRADES INDICATED BY  GOVERN.
  3. ALL ELEVATIONS SHOWN HEREON REFER TO NAVD 1988 UNLESS NOTED OTHERWISE.
  4. CROSSEINGS AND NO RAMPERS TO CONFORM TO ADA W/ DETECTABLE WARNING SURFACE.
  5. EXACT LOCATION OF METERS AND BFPs TO BE COORDINATED IN THE FIELD.
  6. REFER TO PAVING, GRADING, AND DRAINAGE DETAILS AND SECTIONS FOR ADDITIONAL INFORMATION.
  7. RESTORE ANY PAVEMENT MARKINGS AFFECTED BY THE INSTALLATION OF THE TYPE 'P' CURB AND GUTTER PER BROWARD COUNTY MINIMUM STANDARDS.

PAVING AND GRADING LEGEND			
PROPERTY & ROWLINE		ABBREVIATIONS	
	CENTERLINE	I.E.	INVERT ELEVATION
	NON-VEHICULAR ACCESS LINE	R.E.	RIM ELEVATION
	CATCH BASIN	G.E.	GRADE ELEVATION
	MANHOLE	M.H.	MANHOLE
	CATCH BASIN	C.B.	CATCH BASIN
	DRAINAGE WELL	D.W.	DRAINAGE WELL
	PROPOSED	PROP.	PROPOSED
	EXIST.	EXIST.	EXISTING

**PAVEMENT MARKING & SIGNAGE NOTES:**

1. ALL PAVEMENT MARKING & SIGNAGE TO BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) (LATEST EDITION), FOOT STANDARDS STANDARDS (LATEST EDITION) COUNTY TRAFFIC ENGINEERING DIVISION
2. ALL PAVEMENT MARKINGS ADJACENT TO THE PUBLIC RIGHT OF WAY ARE TO BE REFLECTIVE THERMOPLASTIC.
3. ALL REGULATORY SIGNS SHALL BE DIAMOND GRADE REFLECTIVE XI SHEETING MATERIAL.
4. ALL PAVEMENT MARKINGS SHALL BE ALKYL-BASED THERMOPLASTIC AND FULLY RETROREFLECTORIZED.
5. ALL PAVEMENT MARKINGS ON PAVEMENT SYSTEMS SHALL BE 3M 300/281 SERIES TAPE AND APPLIED WITH NO ADHESIVE AS PER MANUFACTURERS SPECIFICATIONS.
6. SEE FOOT INDEX NO. 706 FOR PLACEMENT OF ROWs, FOR BALANCE ROW TREATMENT, SEE LEGEND NO. 1)
7. ROWs SHALL BE CLASS 'B' 9" OR EQUIVALENT, APPLIED WITH EPOXY OR BITUMINOUS ADHESIVE.
8. EXISTING MARKINGS SHALL BE REMOVED BY SANDBLASTING ONLY.
9. ALL STOP BARS TO BE 4" BEHIND CROSSEWALK OR SIDEWALK.
10. ALL PAVEMENT MARKINGS SHALL BE LINTROPEN ACROSS THE ENTIRE STRIPS AND HAVE A MINIMUM RETRO-REFLECTIVITY OF 300 MINICANDLES AT INSTALLATION PER PALM BEACH COUNTY TRAFFIC DIVISION MOST CURRENT STANDARDS.

EXISTING ELEVATIONS SHOWN (IN NAVD) ARE APPROXIMATE



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#	DATE	REVISIONS	BTE REF DATE: 00.00.00

SEAL:

PRELIM PAVING AND DRAINAGE PLAN  
**CUBESMART/FIRE STATION**  
880 W. PROSPECT ROAD  
OAKLAND PARK, FL 33334

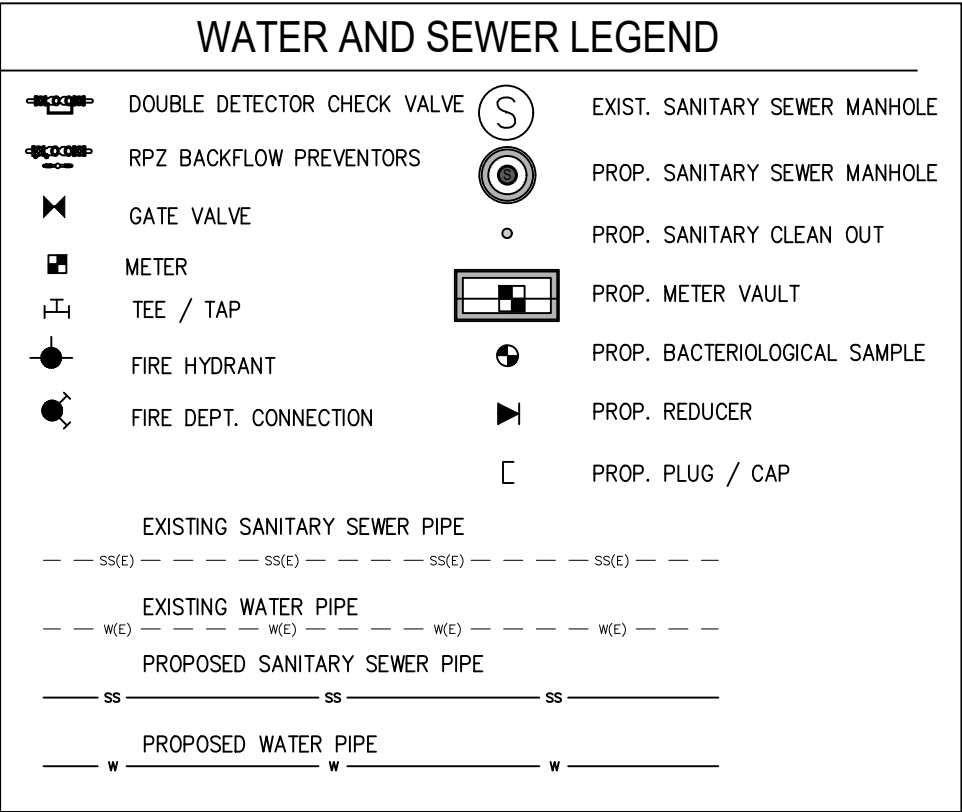
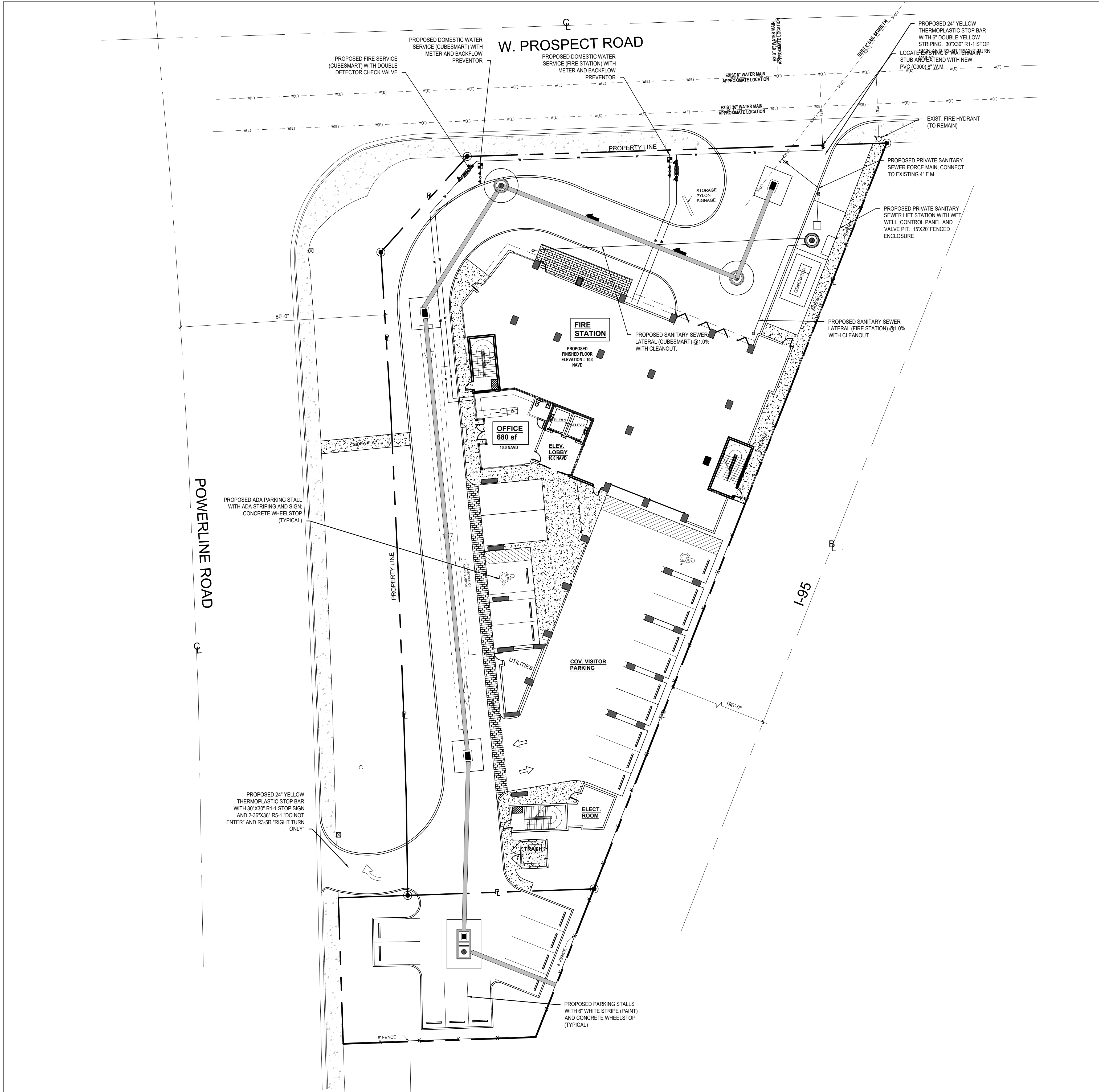
**Botek Thurlow Engineering, Inc.**  
3400 NW 9th Avenue, Suite 1102, Ft. Lauderdale, FL 33309  
www.botekthurlow-eng.com P: 954-568-8888 F: 954-568-0757  
FL Certificate of Authorization # 26787

BTE PROJECT #:  
20-0201

PROJECT DATE:  
02-27-20

SHEET #:  
C-1





SYMBOLS FOR FITTINGS, VALVES, ETC. ARE DIAGRAMMATIC ONLY AND DO NOT REFLECT ACTUAL SIZE; FOR ACTUAL DIMENSIONS REFER TO MANUFACTURER'S SPECIFICATIONS.

**WATER & SEWER NOTES**

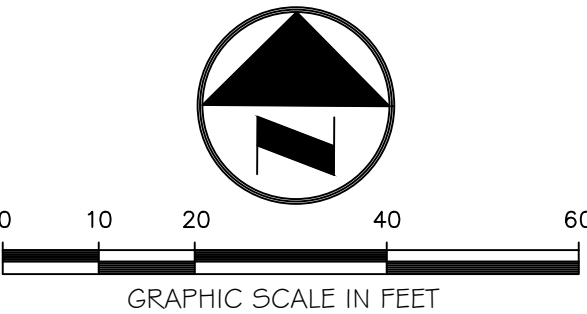
1. NO GATE VALVES IN CURBS
2. SLOPE OR PITCH SANITARY SEWER MANHOLE CASTINGS WITH DESIGN ROAD SECTIONS.
3. ALL SANITARY SEWER CLEANOUTS LOCATED IN ROADWAY ARE TO BE TRAFFIC-RATED.
4. WATER SHALL BE AVAILABLE TO FIRE HYDRANTS BEFORE INTERIOR BUILDING CONSTRUCTION CAN BEGIN.
5. ALL EXISTING WATER AND SANITARY SERVICES TO THE PROPERTY THAT ARE NOT BEING RE-USED SHALL BE CUT AND CAPPED AND ABANDONED IN ACCORDANCE WITH THE PUBLIC UTILITY'S MINIMUM STANDARDS.
6. AFTER WATER AND SEWER CONNECTIONS, RESTORE ALL RIGHT OF WAY (PAVEMENT, SIDEWALK, CURB, ETC.) IN ACCORDANCE WITH FOOT MINIMUM STANDARDS
7. ALL ELEVATIONS SHOWN IN THIS PLAN ARE IN THE NAVD DATUM.
8. ALL EXISTING UTILITIES SHOWN ON THIS PLAN ARE BASED ON THE BEST AVAILABLE INFORMATION; THE EXISTING UTILITY INFORMATION SHOWN HERE IS FOR THE CONTRACTOR'S CONVENIENCE AND THE E.O.R. ASSUMES NO RESPONSIBILITY FOR THEIR ACCURACY. BEFORE COMMENCING CONSTRUCTION CONTRACTOR TO CALL FOR UTILITY LOCATES, VERIFY ALL EXISTING UTILITIES' LOCATIONS AND DEPTHS, AND NOTIFY E.O.R. OF ANY CONFLICTS.

**FIRE LINE NOTES:**

1. ALL PROPOSED FIRE MAINS, SERVICES, "SIAMESE" CONNECTION LINES ETC. MUST BE INSTALLED BY A STATE LICENSED FIRE LINE CONTRACTOR PER FLORIDA STATUTE 633.
2. ALL FIRE LINES ARE TO BE INSPECTED BY CERTIFIED FIRE LINE INSPECTORS PRIOR TO BEING PLACED INTO SERVICE.
3. UPON COMPLETION OF REQUIRED TESTING A STATE LICENSED FIRE LINE CONTRACTOR SHALL ISSUE A "LICENSED UNDERGROUND TEST CERTIFICATE" THE CERTIFICATE MUST BE ISSUED AND THE FIRE LINE MUST BE ACCEPTED BY THE BROWARD COUNTY HEALTH DEPT. (WHERE APPLICABLE) PRIOR TO BEING PLACED INTO SERVICE.
4. FIRE LINE SYSTEM COMPONENTS (FDC, DDOV, FIRE LINE PIPING, ETC.) SHOWN ON THESE PLANS ARE TO BE COORDINATED WITH THE FIRE PROTECTION DRAWINGS AND DESIGN AND FIRE PROTECTION SHOP DRAWINGS. NOTIFY ENGINEER OF ANY DISCREPANCY PRIOR TO INSTALLATION OF ANY PORTION OF THE FIRE PROTECTION SYSTEM.

**UNDERGROUND UTILITIES NOTES:**

1. SITE MAY CONTAIN EXISTING UTILITIES (DOMESTIC WATER, IRRIGATION, TELEPHONE, ELECTRIC, GAS, STORM DRAINAGE, SANITARY SEWER AND OTHERS).
2. **NOT ALL** EXISTING UTILITIES ARE SHOWN HEREON. SOME ARE SHOWN ON THIS PLAN AS OBTAINED FROM UTILITY LOCATES, ATLASSES AND THE SURVEY.
3. ALL EXISTING UTILITIES WITHIN THE BOUNDARY OF THE SITE ARE TO BE REMOVED - EXCEPT WHERE NOTED OTHERWISE (SUCH AS "TO REMAIN" TO BE RELOCATED" ETC.). THIS PLAN IS LIMITED TO WATER AND SANITARY SEWER ONLY, NO DESIGN OF FPL, COMCAST, GAS, TELEPHONE IS SHOWN HEREON.
4. CONTRACTOR IS RESPONSIBLE FOR SEQUENCING ALL UTILITY REMOVAL/RELOCATION SUCH THAT NO OTHER USER OF SAID IS AFFECTED



BTE REF DATE: 00.00.00			
#	DATE	REVISIONS	
		COMMENT	REV
	X-X-XX		

SEAL:

PRELIMINARY WATER AND SEWER PLAN  
**CUBESMART/FIRE STATION**  
880 W. PROSPECT ROAD  
OAKLAND PARK, FL 33334

**Botek Thurlow Engineering, Inc.**  
3409 NW 9th Avenue, Suite 102, Ft. Lauderdale, FL 33309  
www.botekthurlow-eng.com P: 954-568-0888 F: 954-568-0777  
FL Certificate of Authorization # 2057

BTE PROJECT #:  
20-0201

PROJECT DATE:  
02-27-20

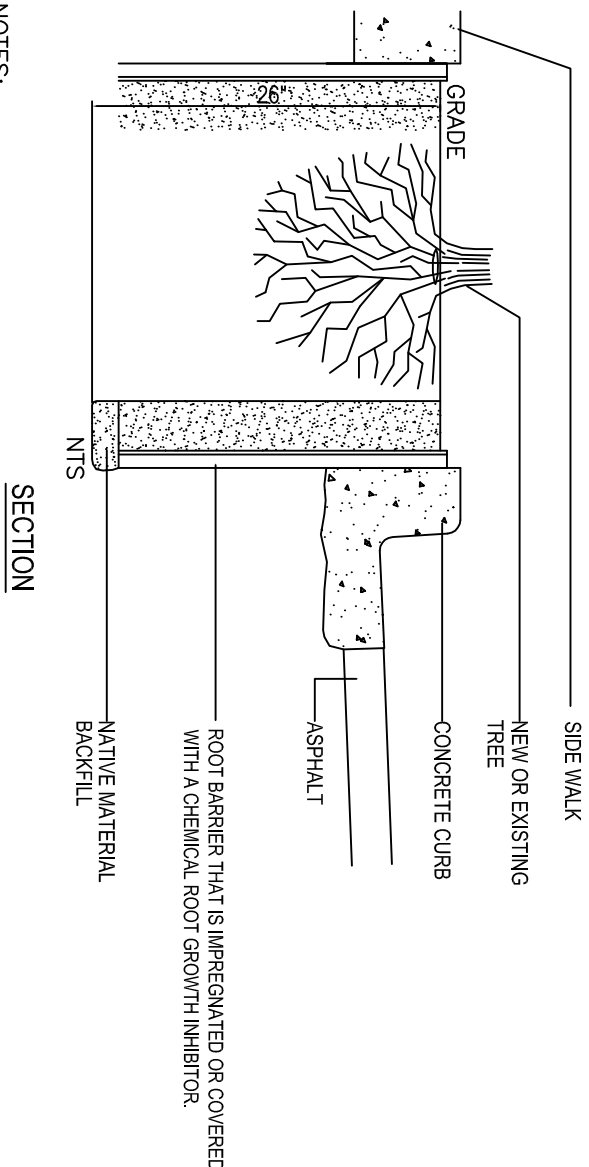
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**C-2**



[illegible]

# PLANT LIST

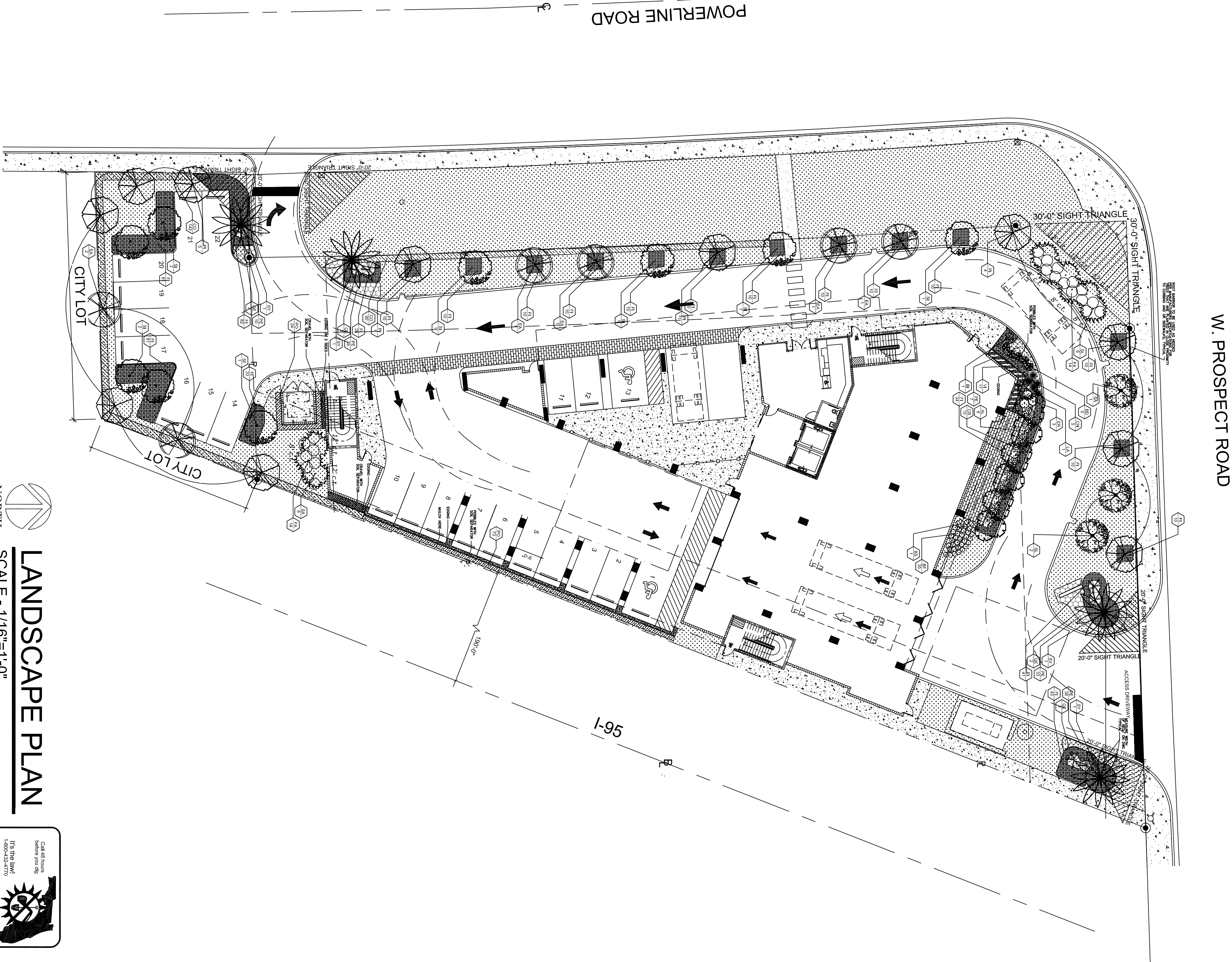
KEY	QTY	DESCRIPTION	SIZE	NATIVE	DROUGHT TOL.
AL	6	Alexander palm / <i>Pygospasma elegans</i>	triple	YES	
BF	35	Banberry Flex - <i>Dielsia lasiantha</i>	10-12" o.a., matching	YES	
BS	1	Bromeliad Androploes "Skinnerii"	3 gal., 30" o.c.	YES	
BD	5	Bromeliad Alcantarea Odorata	3 gal.	YES	
BI	1	Bromeliad "Imperialis"	3 gal., 30" o.c.	YES	
CC	232	Coccolup / Red Tip / <i>Chrysobalanus icaco</i>	7 gal.	YES	
CR	5	Cootiee / <i>Zamia pumila</i>	3 gal., 24" o.c.	YES	
CN	10	Cotton Ivy / <i>Cinnun astaticum</i>	3 gal. Buttery / lost	YES	
ER	3	Croton / <i>Eleocharis</i> (E.R.) / <i>Codiaeum variegatum</i>	15 gal., 48" o.c.	YES	
E6	6	East palaka / <i>Yucca filiflex attenuata</i>	7 gal.	YES	
F2	22	Fickatichie grass / <i>oat</i>	16" h x 2" sp. min., 6' lt.	YES	
FA	5	Ficus Green Island / <i>Ficus microcarpa</i>	3 gal., 36" o.c.	YES	
FI	563	Ficus / <i>Philodendron</i>	3 gal., 16" o.c.	YES	
PL	120	Platanus / <i>Platanus / Argasch glabra</i> Beth	8' over 16" diameter	YES	
PI	11	Pigeon Plum / <i>Coccoloba glauca</i> Florida	12" o.a. matching	YES	
PO	97	Potocarpus column / <i>Potocarpus macrophyllus</i>	7 gal., 18" o.c.	YES	
SA	7	Queen Ferns / <i>Cinnun auristum</i>	15 gal., 5" o.c.	YES	
SA	9	Sabal palm / <i>Sabal palmetto</i>	4" @ 8' cl., 5" @ 12' cl.	YES	
SI	3	Silver Buttonwood / <i>Conocarpus Frecheti</i> Serious, Standard	14" ht., 3" cal. SG Leader	YES	
SL	3	Sisal Pine / <i>Pinus elliotii</i>	14" o.a. cal. 3.5" @ 4.5" above d.b.h.	YES	
SV	4	SVestris pine / <i>Ploerenz SVeastris</i>	12" cl. matching	YES	
VI	17	Viburnum sanguinum	3 gal., 18" o.c.	YES	
VOO	As Rec'd	St. Augustine "Floriant" sod	solid, weed free sod., laid tight	YES	



- NOTES:**
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
  2. DO NOT SCALE SPRAWNS.
  3. CHEMICAL INHIBITOR SIDE MUST BE FACING TOWARDS THE TREE ROOTS.
  4. THE TOP OF THE BARRIER MUST BE SLOTHLY ABOVE GRADE (NEVER BELOW GRADE).
  5. POSITION BARRIER PERPENDICULARLY WITH TOP AGAINST THE STRUCTURE TO BE PROTECTED.
  6. DO NOT USE BARRIER FOR ALL TREES AND PALMS WHERE LOCATED NEAR AIR HARD SURFACE.
  7. USE 7' LENGTH ENTIRELY DIVIDED FOR PALMS AND 12' LENGTH ENTIRELY DIVIDED FOR TREES

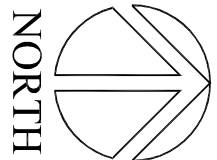
## ROOT BARRIER DETAIL FOR SIDEWALK, CURB & ASPHALT

ts



# LANDSCAPE PLAN

SCALE - 1/16"=1'-0"



DRAWING: LANDSCAPE PLAN  
PLANT LIST & NOTES  
PROJECT NAME: OAKLAND PARK  
STORAGE BUILDERS, LLC  
Date: 4/30/2020  
Scale:  $\frac{1}{8}'' = 1'-0''$   
Drawn by: M.R.S.  
Sheet No: 1-2

Lic. # LA66667056  
Member: A.S.L.A.

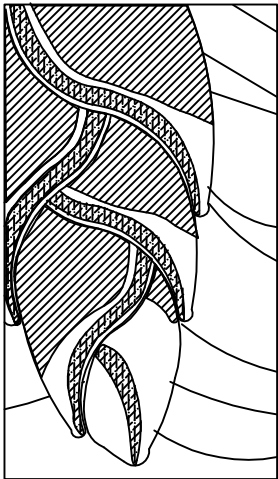
Seal:

Revisions:

Project: OAKLAND PARK STORAGE BUILDERS, LLC

880 W. PROSPECT ROAD

OAKLAND PARK, FLORIDA 33334



**MAUREEN SMITH,  
LANDSCAPE ARCHITECT**  
968 DOGWOOD DRIVE  
DELRAY BEACH, FLORIDA 33483  
OFFICE: 561.279.4114  
CELL: 561.271.8933  
Florida registration #6667056  
[www.maureensmithla.com](http://www.maureensmithla.com)



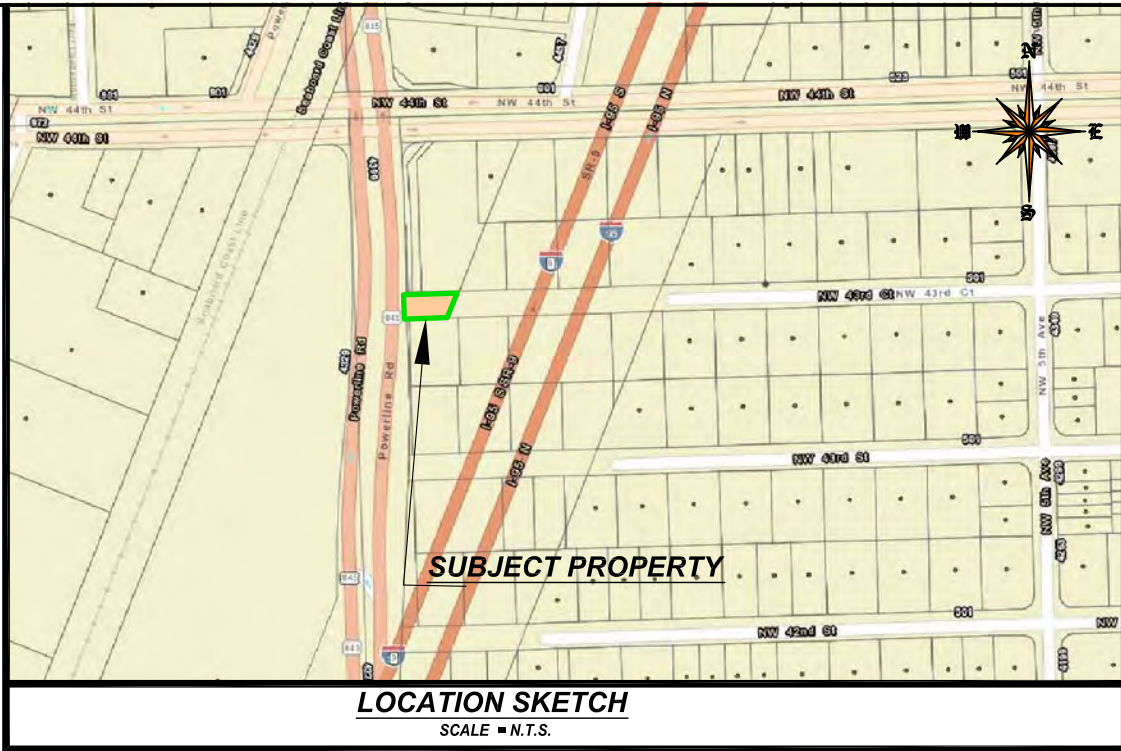
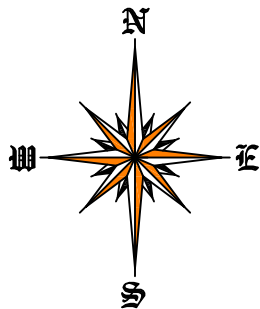
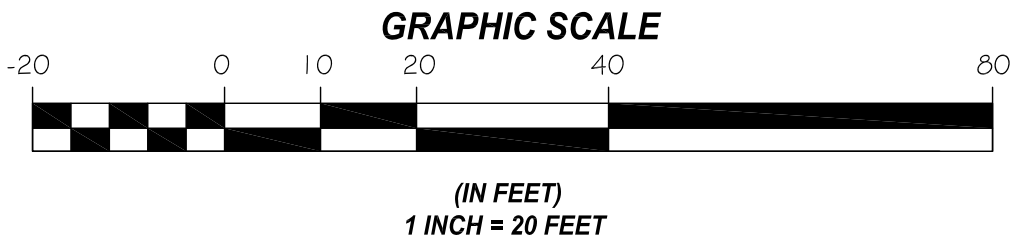








# SPECIFIC PURPOSE SURVEY



## LEGAL DESCRIPTION:

THAT PORTION OF A 50.00 FEET WIDE RIGHT-OF-WAY OF LENA BOULEVARD (NW 43rd COURT) AS SHOWN ON THE PLAT OF PROSPECT GARDENS, AS RECORDED IN PLAT BOOK 22, PAGE 26, OF THE PUBLIC OF RECORDS OF BROWARD COUNTY, FLORIDA, LYING WEST OF THE WESTERLY RIGHT-OF-WAY LINE OF INTERSTATE 95 (I-95) AS SHOWN ON THE FLORIDA STATE ROAD DEPARTMENT'S RIGHT OF WAY MAP, SECTION 86070-2412, (SHEET 10), DATED MARCH 3, 1970 AND EAST OF THE EXISTING EASTERLY RIGHT-OF-WAY LINE OF POWERLINE ROAD (STATE ROAD 845) AS SHOWN ON THE FLORIDA DEPARTMENT OF TRANSPORTATION (F.D.O.T.) RIGHT-OF-WAY MAP, SECTION 86055-2510 (SHEETS 3 OF 7)

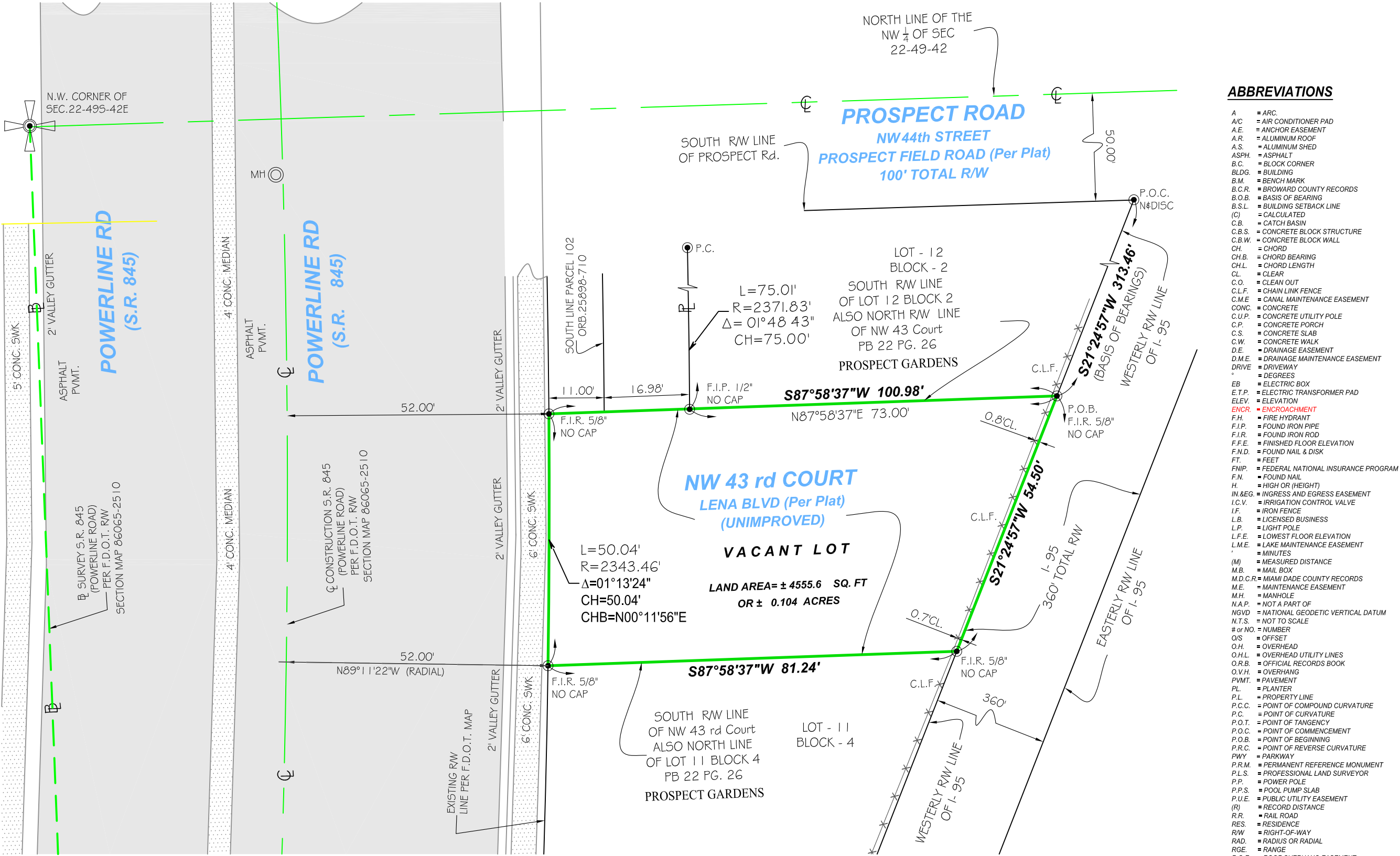
## SAID LAND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE INTERSECTION OF THE WESTERLY RIGHT-OF-WAY LINE OF INTERSTATE 95 (I-95) AS SHOWN ON THE FLORIDA STATE ROAD DEPARTMENT'S RIGHT OF WAY MAP, SECTION 86070-2412, (SHEET 10), DATED MARCH 3, 1970 WITH THE SOUTHERLY RIGHT-OF-WAY LINE OF PROSPECT ROAD AS SHOWN ON THE FLORIDA DEPARTMENT OF TRANSPORTATION (F.D.O.T.) RIGHT-OF-WAY MAP, SECTION 86065-2510 (SHEETS 3 OF 7) SAID RIGHT-OF-WAY LINE BEING 50.00 FEET SOUTH OF AND PARALLEL WITH THE NORTH LINE OF THE NW 1/4 OF SECTION 22, TOWNSHIP 49 SOUTH, RANGE 42 EAST; THENCE ALONG OF SAID WESTERLY LINE OF I-95, ON AN ASSUMED BEARING OF SOUTH 21°24'57" WEST, A DISTANCE OF 313.46 FEET TO THE POINT OF BEGINNING, SAID POINT OF BEGINNING BEING THE INTERSECTION OF THE WESTERLY LINE OF INTERSTATE 95 (I-95) WITH THE NORTH RIGHT-OF-WAY LINE OF LENA BOULEVARD (NW 43rd COURT) AS SHOWN ON SAID PLAT; THENCE CONTINUE SOUTH 21°24'57" WEST, A DISTANCE OF 54.50 FEET TO THE SOUTH RIGHT-OF-WAY LINE OF LENA BOULEVARD (NW 43rd COURT); THENCE SOUTH 87°58'37" WEST, ALONG THE SOUTH RIGHT-OF-WAY LINE OF LENA BOULEVARD (NW 43rd COURT), A DISTANCE OF 81.24 FEET TO A POINT ON A CURVE CONCAVE TO THE WEST, THROUGH WHICH A RADIAL LINE BEARS N 89°11'22" W; HAVING A RADIUS OF 2343.46 FEET, A CENTRAL ANGLE OF 1°13'24"; THENCE NORTH ALONG SAID CURVE FOR AN ARC DISTANCE OF 50.04 FEET TO THE NORTH LINE OF LENA BOULEVARD (NW 43rd COURT); SAID ARC BEING 52.00 FEET EAST OF AND PARALLEL TO THE CONSTRUCTION CENTERLINE OF POWERLINE ROAD (STATE ROAD 845) AS SHOWN ON THE FLORIDA DEPARTMENT OF TRANSPORTATION (F.D.O.T.) RIGHT-OF-WAY MAP, SECTION 86065-2510 (SHEETS 3 OF 7); THENCE NORTH 87°58'37" EAST, ALONG THE NORTH RIGHT-OF-WAY LINE OF LENA BOULEVARD (NW 43rd COURT), A DISTANCE OF 100.98 FEET TO THE POINT OF BEGINNING.

CONTAINING 4,555.6 SQUARE FEET (0.104 ACRES) MORE OR LESS.

SUBJECT TO ALL RESTRICTIONS, RESERVATIONS, DECLARATION OF COVENANTS, CONDITIONS, EASEMENTS AND RIGHT-OF-WAYS OF RECORD.

NOTE: A TITLE REPORT WAS NOT PROVIDED FOR THIS SURVEY, THEREFORE, THERE MAY BE RESTRICTIONS, RESERVATIONS, DECLARATION OF COVENANTS, CONDITIONS, EASEMENTS AND AN ADDITIONAL RIGHT-OF-WAYS OF RECORD ON THIS PARCEL, THAT ARE NOT SHOWN AND MAY BE FOUND IN THE PUBLIC RECORDS OF THE ABOVE INDICATED COUNTY OR THE FLORIDA DEPARTMENT OF TRANSPORTATION (F.D.O.T.) UNDERGROUND ENCROACHMENTS IF ANY, NOT LOCATED.



## ABBREVIATIONS

A	ARC
A/C	AIR CONDITIONER PAD
A/E	ANCHOR EASEMENT
A/R	ALUMINUM ROOF
A/S	ALUMINUM SHED
ASPH	ASPHALT
B.C	BLOCK CORNER
BLDG	BUILDING
B.M	BENCH MARK
B.C.R	BROWARD COUNTY RECORDS
B.O.B	BASIS OF BEARING
B.S.L	BUILDING SETBACK LINE
(C)	CALCULATED
C.B	CATCH BASIN
C.B.S	CONCRETE BLOCK STRUCTURE
C.E.W	CONCRETE BLOCK WALL
CH	CHORD
CH.B	CHORD BEARING
CL	CLEAR
C.O	CLEAN OUT
C.L.F	CHAIN LINK FENCE
C.M.E	CIVIL MAINTENANCE EASEMENT
CONC	CONCRETE
C.U.P	CONCRETE UTILITY POLE
C.P	CONCRETE PIER
C.S	CONCRETE SLAB
C.W	CONCRETE WALK
D.E	DRAINAGE EASEMENT
D.M.E	DRAINAGE MAINTENANCE EASEMENT
D.R.W	DRIVEWAY
D	DEGREES
EB	ELECTRIC BOX
E.T.P	ELECTRIC TRANSFORMER PAD
ELEV	ELEVATION
ENCR	ENCROACHMENT
F.H	FIRE HYDRANT
F.I.P	FOUND IRON PIPE
F.I.R	FOUND IRON ROD
F.F.E	FINISHED FLOOR ELEVATION
F.N.D	FOUND NAIL & DISK
FT	FEET
F.N.P	FEDERAL NATIONAL INSURANCE PROGRAM
F.N	FOUND NAIL
H	HIGH OR HEIGHT
IN.E.G	INGRESS AND EGRESS EASEMENT
I.C.V	IRRIGATION CONTROL VALVE
I.F	IRON FENCE
L.B	LICENSED BUSINESS
L.P	LIGHT POLE
L.F.E	LOWEST FLOOR ELEVATION
L.M.E	LAKE MAINTENANCE EASEMENT
MIN	MINUTES
(M)	MEASURED DISTANCE
M.B	MAIL BOX
M.D.C.R	MIAMI DADE COUNTY RECORDS
M.E	MAINTENANCE EASEMENT
M.W	MANHOLE
N.A.P	NOT A PART OF
N.O.D	NATIONAL GEODETIC VERTICAL DATUM
N.T.S	NOT TO SCALE
N or NO	NUMBER
OS	OFFSET
O.H	OVERHEAD
O.H.L	OVERHEAD UTILITY LINES
O.R.B	OFFICIAL RECORDS BOOK
O.V.H	OVERHANG
P.W.M	PAVEMENT
PL	PLANTER
P.L	PROPERTY LINE
P.C.C	POINT OF COMPOUND CURVATURE
P.C	POINT OF CURVATURE
P.O.T	POINT OF TANGENCY
P.O.C	POINT OF COMMENCEMENT
P.O.B	POINT OF BEGINNING
P.R.C	POINT OF REVERSE CURVATURE
P.W.Y	PARKWAY
P.R.M	PERMANENT REFERENCE MONUMENT
P.L.S	PROFESSIONAL LAND SURVEYOR
P.P	POWER POLE
P.F.S	POOL PUMP SLAB
P.U.E	PUBLIC UTILITY EASEMENT
(R)	RECORD DISTANCE
R.R	RAIL ROAD
RES	RESIDENCE
R.W	RIGHT-OF-WAY
RAD	RADIUS OR RADIAL
RGE	RANGE
R.O.E	ROOF OVERHANG EASEMENT
SEC	SECTION
STY	STORY
SWK	SIDEWALK
S.I.P	SET IRON PIPE
S	SOUTH
S.P	SCREENED PORCH
S.V	SEWER VALVE
S	SECONDS
T	TANGENT
T.B	TELEPHONE BOOTH
T.B.M	TEMPORARY BENCHMARK
T.U.E	TECHNOLOGY UTILITY EASEMENT
T.S.B	TRAFFIC SIGNAL BOX
T.S.P	TRAFFIC SIGNAL POLE
T.W.P	TOWNSHIP
UTL	UTILITY
U.E	UTILITY EASEMENT
U.P	UTILITY POLE
W.M	WATER METER
W.F	WOOD FENCE
W.P	WOOD PORCH
W.R	WOOD ROOF
W.V	WATER VALVE
M	MONUMENT LINE
C	CENTER LINE
Δ	DELTA

## PROPERTY ADDRESS:

43XX NW 9 AVE POWERLINE RD,  
OAKLAND PARK

## CERTIFICATION:

CITY OF OAKLAND PARK  
GOREN, CHEROF, DOODY & EZROL, P.A.  
CHICAGO TITLE INSURANCE COMPANY

## LEGAL NOTES TO ACCOMPANY SKETCH OF SURVEY:

- THERE MAY BE EASEMENTS RECORDED IN THE PUBLIC RECORDS NOT SHOWN ON THIS SURVEY.
- EXAMINATIONS OF THE ABSTRACT OF TITLE WILL HAVE TO BE MADE TO DETERMINE RECORDED INSTRUMENTS, IF ANY, AFFECTING THE PROPERTY.
- THIS SURVEY IS SUBJECT TO DEDICATIONS, LIMITATIONS, RESTRICTIONS, RESERVATIONS OR EASEMENTS OF RECORD.
- LEGAL DESCRIPTIONS PROVIDED BY CLIENT OR ATTESTING TITLE COMPANY.
- BOUNDARY SURVEY MEANS A DRAWING AND/OR A GRAPHIC REPRESENTATION OF THE SURVEY WORK PERFORMED IN THE FIELD, COULD BE DRAWN AT A SHOWN SCALE AND/OR NOT TO SCALE; THE WALLS OR FENCES MAY BE EXAGGERATED FOR CLARITY PURPOSES.
- EASEMENTS AS SHOWN ARE PER PLAT BOOK, UNLESS DEPICTED OTHERWISE.
- THE TERM "ENCROACHMENT" MEANS VISIBLE AND ABOVE GROUND ENCROACHMENTS.
- ARCHITECTS SHALL VERIFY ZONING REGULATIONS, RESTRICTIONS, SETBACKS AND WILL BE RESPONSIBLE FOR SUBMITTING PLAT PLANS WITH CORRECT INFORMATION FOR "APPROVAL FOR AUTHORIZATION" TO THE PROPER AUTHORITIES IN NEW CONSTRUCTION.
- UNLESS OTHERWISE NOTED, THIS FIRM HAS NOT ATTEMPTED TO LOCATE FOOTING AND/OR FOUNDATIONS.
- FENCE OWNERSHIP NOT DETERMINED.
- THIS PLAN OF SURVEY, HAS BEEN PREPARED FOR THE EXCLUSIVE USE OF THE ENTITIES NAMED HEREON. THE CERTIFICATE DOES NOT EXTEND TO ANY UNNAMED PARTY.

## FLOOD ZONE INFORMATION:

THE NFIP FLOOD MAPS HAVE DESIGNATED THE HEREIN DESCRIBED LAND TO BE SITUATED IN:  
FLOOD ZONE: "AH"  
BASE FLOOD ELEVATION: 8 FT.  
COMMUNITY: 10050  
PANEL: 0367  
SUFFIX: H  
DATE OF FIRM: 08/18/2014  
THE SUBJECT PROPERTY DOES LIE IN A SPECIAL FLOOD HAZARD AREA.

## SURVEYOR'S NOTES:

- IF SHOWN, BEARINGS ARE REFERRED TO AN ASSUMED MERIDIAN, BY SAID PLAT IN THE DESCRIPTION OF THE PROPERTY, IF NOT, BEARINGS ARE THEN REFERRED TO COUNTY, TOWNSHIP MAPS.
- THE CLOSURE IN THE BOUNDARY SURVEY IS ABOVE 1:7500 FT.
- CERTIFICATE OF AUTHORIZATION LB # 7806.

## SURVEYOR'S CERTIFICATION:

I HEREBY CERTIFY: THIS "SPECIFIC PURPOSE SURVEY" OF THE PROPERTY DESCRIBED HEREON, HAS RECENTLY BEEN SURVEYED AND DRAWN UNDER MY SUPERVISION, AND COMPLIES WITH THE STANDARDS OF PRACTICE AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS IN CHAPTER 5J-17, FLORIDA ADMINISTRATIVE CODE PURSUANT TO 472.027, FLORIDA STATUTES.







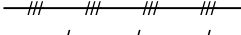
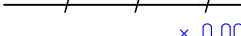


By:  **01/03/2020**  
**JOHN IBARRA** (DATE OF FIELD WORK)

PROFESSIONAL LAND SURVEYOR NO.: 5204 STATE OF FLORIDA  
(NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER)

REVISED ON: \_\_\_\_\_

REVISED ON: \_\_\_\_\_

## LEGEND

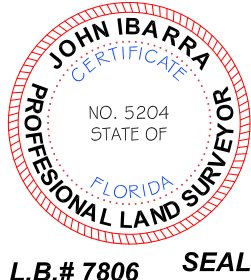
	= OVERHEAD UTILITY LINES
	= CONCRETE BLOCK WALL
	= CHAIN LINK FENCE
	= IRON FENCE
	= WOOD FENCE
	= BUILDING SETBACK LINE
	= UTILITY EASEMENT
	= LIMITED ACCESS R/W
	= NON-VEHICULAR ACCESS R/W
	= EXISTING ELEVATIONS

DRAWN BY: LK

FIELD DATE: 01/03/2020

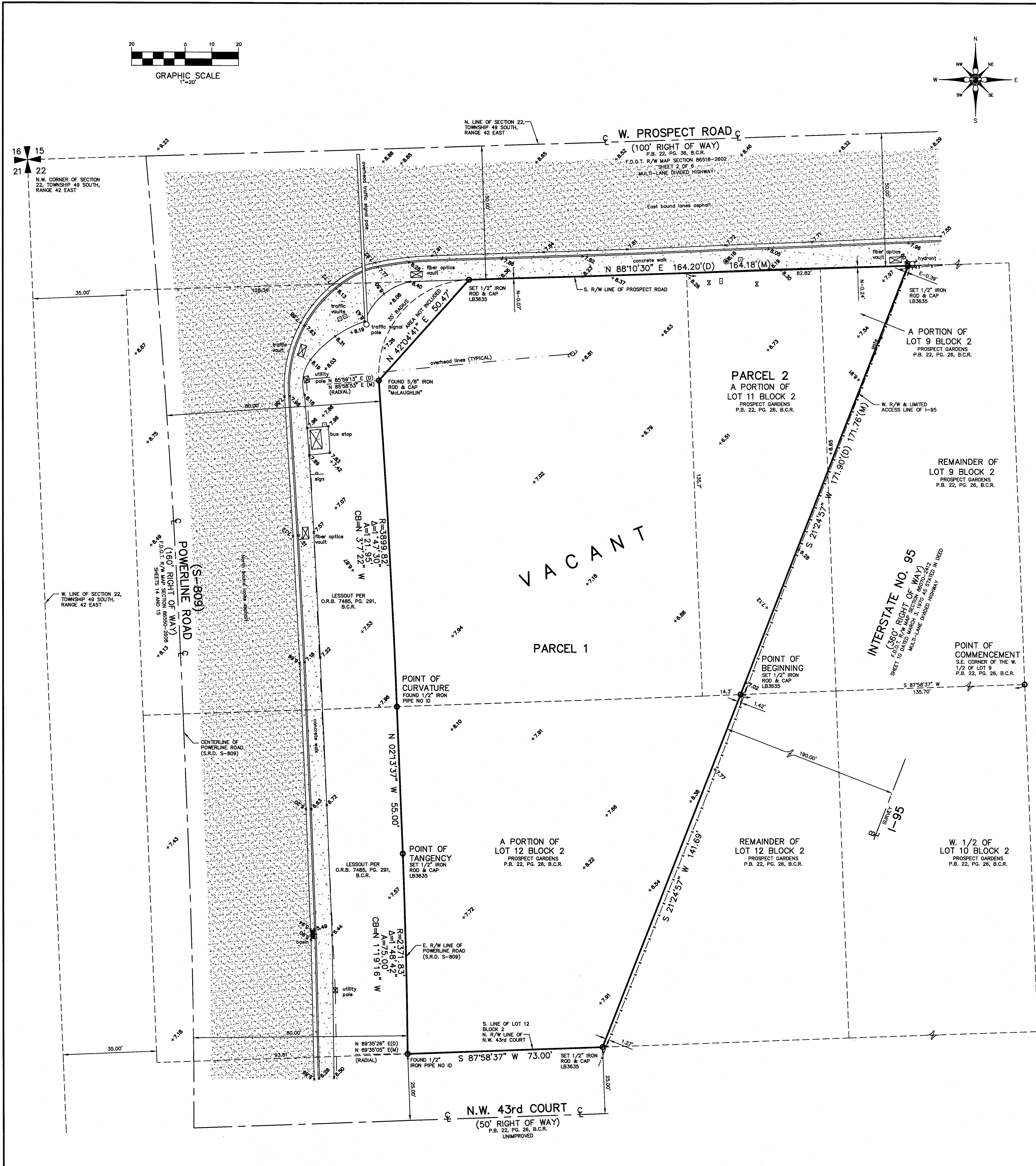
SURVEY NO: 19-005954

SHEET: 1 OF 1



L.B.# 7806 SEAL





LOCATION SKETCH NOT TO SCALE

NOTES:

1. Unless otherwise noted field measurements are in agreement with record measurements.
2. Bearings shown hereon are based on an assumed bearing of North 88°10'30" East along the centerline of West Prospect Road.
3. The lands shown hereon were not abstracted for ownership, rights of way, easements, or other matters of records by Accurate Land Surveyors, Inc.
4. Ownership of fences and walls if any are not determined.
5. This survey is the property of Accurate Land Surveyors, Inc. and shall not be used or reproduced in whole or in part without written authorization.
6. This survey is made for the exclusive use of the certified hereon, to be valid one year from the date of survey as shown hereon.
7. This survey was made for mortgage and title purposes only and is not valid for design or construction purposes.
8. This survey reflects all obtainable, legible, plottable, recorded matters of survey per Schedule B2 of Stewart Title Guaranty Company Commitment File No.: S988-24196, effective 04-24-16 at 8:00A.M.
9. Perimeter area of the subject property is 38,332 square feet, or 0.8800 acres, more or less.

FLOOD INFORMATION:

Community name and number: Oakland Park 120050  
Map and panel number: 12011C0367H  
Panel date: 08-18-14  
Index date: 08-18-14  
Flood zone: "AH"  
Base flood elevation: 8'NAVD1988

BENCHMARK INFORMATION:

Broward County Benchmark 3031  
Elevation = 8.00'NAVD1988

SCHEDULE B2 EXCEPTIONS:

- Defects, liens, encumbrances, adverse claims or other matters, if any, created, first appearing in the Public Records or attaching subsequent to the Effective Date but prior to the date the proposed Insured acquires for value of record the estate or interest or mortgage thereon covered by this Commitment. (This item is not a matter of survey.)
- Standard Exceptions:  
Rights or claims of parties in possession not shown by the public records. (This item is not a matter of survey.)
- (b) Easements, or claims of easements, not shown by the public records. (This item is not certifiable.)
- (c) Encroachments, overlaps, boundary line disputes, or other matters which would be disclosed by an accurate survey and inspection of the premises. (After upon review of survey to be determined by title examiner.)
- (d) Any lien, or right to a lien, for services, labor, or material hereto or hereafter furnished, imposed by law and not shown by the public records. (This item is not a matter of survey.)
- (e) Any adverse ownership claim by the State of Florida by right of sovereignty to any portion of the lands insured hereunder, including submerged, filled, and artificially exposed lands and lands accreted to such lands. (As of date of survey the subject property was not submerged.)
2. Special Exceptions:
3. Taxes and assessments for the year 2016 and subsequent years, which are not yet due and payable. (This item is not a matter of survey.)
4. Any lien arising under Chapter 159, Florida Statutes, in favor of any city, town, village or port authority for unpaid service charges for service by any water system, sewer system or gas system servicing the lands described herein. (This item is not a matter of survey.)
5. Plat matters of PROSPECT GARDENS, according to the plat thereof recorded in Plat Book 22, page 26, of the Public Records of Broward County, Florida. (No platted easements.)
6. Conditions, Restrictions and Easements contained in Warranty Deed recorded in Deed Book 558, page 300 and Deed Book 681, page 427, of the Public Records of Broward County, Florida.
7. Easement granted to Florida Power and Light Company as recorded in Official Records Book 2283, page 411, of the Public Records of Broward County, Florida.
8. Resolution No. R-87-168 creating a special assessment as recorded in Official Records Book 15214, page 517, of the Public Records of Broward County, Florida. (This item is not a matter of survey.)
9. Unity of Title as recorded in Official Records Book 33291, page 635, of the Public Records of Broward County, Florida. (This item is not a matter of survey.)
10. Any existing unrecorded leases and all rights there under of the lessees and of any person claiming by, through or under the lessees. (This item is not a matter of survey.)
11. Conditions, Restrictions and Easements contained in Warranty Deed recorded in Deed Book 33020, page 432, of the Public Records of Broward County, Florida.

OBSERVED ENCROACHMENTS:

None

DATE OF FIELD SURVEY: 05-10-16		DRAWN BY: MLW	
FIELD BOOK: ALS-SU-16-1557		CHECKED BY: MLW	
REVISIONS	DATE	BY	

ACCURATE LAND SURVEYORS, INC.

L.B. #3635

1150 E. ATLANTIC BLVD.  
POMPAH BEACH, FLORIDA 33060

TEL. (954) 782-1441  
FAX. (954) 782-1442

ALTA/NSPS LAND TITLE & TOPOGRAPHIC SURVEY

LEGEND OF ABBREVIATIONS:

A = CENTRAL ANGLE

CB = CHORD BEARING

R = RADIUS

R/W = RIGHT OF WAY

P.C. = POINT OF CURVATURE

P.T. = POINT OF TANGENCY

WM = WATER METER

OH = OVERHANG

N = NORTH

S = SOUTH

E = EAST

W = WEST

CONC. = CONCRETE

D.B. = DEED BOOK

CLF = CHAIN LINK FENCE

BLVD. = BOULEVARD

ENCH. = ENCH.

I.P. = IRON PIPE

I.R.M. = IRON ROD

P.R.M. = PERMANENT REFERENCE MONUMENT

N.A.V.D. = NORTH AMERICAN VERTICAL DATUM

U.E. = UTILITY EASEMENT

D.E. = DRAINAGE EASEMENT

A.E. = ANCHOR EASEMENT

MAINT. = MAINTENANCE

ESMT. = EASEMENT

ELEV. = ELEVATION

B.M. = BENCHMARK

Y-108

SQ. FT. = SQUARE FEET

P.C.P. = PERMANENT CONTROL POINT

P.B.C.R. = PALM BEACH COUNTY RECORD

P = PLAT

N&D = NAIL & DISC

P.O.C. = POINT OF COMMENCEMENT

P.O.B. = POINT OF BEGINNING

A/C = AIR CONDITIONER

FND = FOUND

CHATT. = CHATTAHOOCHEE

F.P.L. = FLORIDA POWER & LIGHT

N.T.S. = NOT TO SCALE

B.C.R. = BROWARD COUNTY RECORDS

D.C.R. = DADE COUNTY RECORDS

P.B. = PLAT BOOK

O.R.B. = OFFICIAL RECORDS BOOK

F.F. = FINISHED FLOOR

GAR. = GARAGE

C/L = CENTERLINE

M/H = MANHOLE

(M) = MEASURED

LP = LIGHT POLE

CH.F. = CHAIN LINK FENCE

W.F. = WOOD FENCE

M.F. = METAL FENCE

P.V. = PVC FENCE

C.F. = CONCRETE FENCE

C.W. = CONCRETE WALL

W.F. = WIRE FENCE

STREET ADDRESS:  
880 West Prospect Road, Oakland Park, Florida 33334

LEGAL DESCRIPTION:  
PARCEL 1:  
  
A parcel of land located in the Northwest one-quarter (NW 1/4) of Section 22, Township 49 South, Range 42 East, said parcel containing portions of Lots 11 and 12 of Block 2, PROSPECT GARDENS, as recorded in Plat Book 22, Page 26, Public Records of Broward County, Florida, said parcel being bound as follows:  
  
On the North by the Southerly right-of-way line of Prospect Road as shown on Broward County's Right-of-Way Map, Section 86518-2602 (Sheet 2 of 6), dated March 30, 1981, said right-of-way line being 50.00 feet South of and parallel with the North line of the Northwest One-Quarter (NW 1/4) of said Section 22;  
  
On the East by the Westerly limited access line of 1-95 as shown on the Florida State Road Department's Right-of-Way Map, Section 86070-2412 (Sheet 10), dated March 3, 1970, and last revised November 6, 1972, said Westerly limited access line being shown on said map as 190.00 feet Westerly of and parallel with the baseline of survey on said map;  
  
On the South by the South line of said Lot 12 of Block 2, said line also being the North right of way line of Lena Boulevard (now known as Northwest 43rd Court), as shown on said Plat of Prospect Gardens.  
  
On the West by a line 80.00 feet Easterly of and parallel with the centerline of right-of-way of Powerline Road as shown on the Florida State Road Department's Right-of-Way Map, Section 86550-2608 (Sheets 14 and 15), dated March 9, 1970;  
  
LESS therefrom all that portion of the above described parcel which lies Northwesterly of the chord of a circular curve which is concave to the Southeast, having a radius of 35.00 feet, and being tangent to said Southerly right-of-way line of Prospect Road and being tangent to a line 80.00 feet Easterly of and parallel with the centerline of right-of-way of Powerline Road as shown on the above referenced Right-of-Way Map, Section 86550-2608;  
  
ALSO LESS therefrom all that portion of the above described parcel conveyed by and described in the Deed recorded in Official Records Book 7485, Page 291, Public Records of Broward County, Florida.  
  
PARCEL 2:  
  
Part of Lots Nine (9) and Eleven (11) in Block Two (2) of PROSPECT GARDENS, according to the Plat thereof, recorded in Plat Book 22, Page 26, Public Records of Broward County, Florida, described as follows:  
  
Commencing at the Southeast corner of the West-Half of Lot Nine (9); West 135.7 feet to a point of beginning; continue West 14.3 feet; thence North to the North line of Lot Eleven (11); thence East 82.82 feet; Southwest 171.9 feet to the Point of Beginning.  
  
SAID LANDS BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:  
  
COMMENCE at the Southeast corner of the West-Half of Lot 9; thence, South 87°58'37" West, a distance of 135.7 feet to the Point of Beginning (POB); thence South 21°24'57" West, a distance of 141.69 feet to a point lying on the North right-of-way line of Lena Road (N.W. 43rd Court); thence South 87°58'37" West, a distance of 73.00 feet, to a point lying on a curve concave to the West, through which a radial line bears North 89°35'26" East; thence North along said curve lying 80.00 feet East of and parallel to the centerline of Powerline Road (S.R.D. S-809); having a radius of 2371.83 feet, a central angle of 01°48'43" and an arc length of 75.00 feet, to a Point of Tangency (P.T.); thence North 02°13'37" West, a distance of 55.00 feet to the beginning of a curve concave to the West, having a radius of 3899.82 feet, a central angle of 01°47'30", and an arc length of 121.95 feet to a point through which a radial line bears North 85°59'13" East; thence North 42°04'41" East, a distance of 50.47 feet to a point lying on the South right-of-way line of Prospect Road; thence North 88°10'30" East along said right-of-way, a distance of 164.20 feet to a point lying on the West right-of-way of Interstate 95 (1-95); thence South 21°24'57" West along said right-of-way, a distance of 171.90 feet to the Point of Beginning.

CERTIFY TO:  
Storage Investments South LLC  
Jernigan Capital Operating Partnership LP  
Stewart Title Guaranty Company  
Fishback Dominick  
  
This is to certify that this map or plat and the survey on which it is based were made in accordance with the "Minimum Standard Detail Requirements for ALTA/NSPS Land Title Surveys," jointly established and adopted by ALTA and NSPS in 2016, and includes Items 1, 2, 3, 4, 7a, 7b1, 8, 9, 10, 11a and 16 of Table A thereof. Pursuant to the Accuracy Standards as adopted by ALTA and NSPS and in effect on the date of this certification, undersigned further certifies that in my professional opinion, as a land surveyor registered in the State of Florida, the Relative Positional Accuracy of this survey does not exceed that which is specified therein.

SEAL

Not valid without the signature and the original record and of a Florida Licensed Surveyor and Mapper.

ROBERT L. THOMPSON (PRESIDENT)

PROFESSIONAL SURVEYOR AND MAPPER No. 3889 - STATE OF FLORIDA

SHEET 1 OF 1

SCALE 1"=20'

SKETCH NUMBER SU-16-1557





# D-Series Size 0 LED Area Luminaire



Catalog Number
Notes
Type

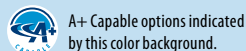
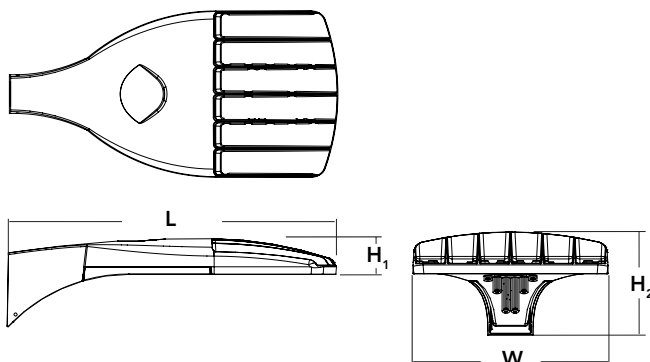
Hit the Tab key or mouse over the page to see all interactive elements.

## Introduction

The modern styling of the D-Series is striking yet unobtrusive - making a bold, progressive statement even as it blends seamlessly with its environment. The D-Series distills the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire. The outstanding photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. It is ideal for replacing up to 400W metal halide with typical energy savings of 70% and expected service life of over 100,000 hours.

## Specifications

EPA:	0.95 ft <sup>2</sup> (.09 m <sup>2</sup> )
Length:	26" (66.0 cm)
Width:	13" (33.0 cm)
Height <sub>1</sub> :	3" (7.62 cm)
Height <sub>2</sub> :	7" (17.8 cm)
Weight (max):	16 lbs (7.25 kg)



## Ordering Information

**EXAMPLE:** DSX0 LED P6 40K T3M MVOLT SPA NLTAIR2 PIRHN DDBXD

DSX0 LED					
Series	LEDs	Color temperature	Distribution	Voltage	Mounting
DSX0 LED	<b>Forward optics</b> P1 P4 P7 P2 P5 P3 P6 <b>Rotated optics</b> P10 <sup>1</sup> P12 <sup>1</sup> P11 <sup>1</sup> P13 <sup>1</sup>	30K 3000 K 40K 4000 K 50K 5000 K	T1S Type I short (Automotive) 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 <sup>2</sup>	T5S Type V short <sup>2</sup> T5M Type V medium <sup>2</sup> T5W Type V wide <sup>2</sup> BLC Backlight control <sup>3</sup> LCCO Left corner cutoff <sup>3</sup> RCCO Right corner cutoff <sup>3</sup>	MVOLT <sup>4,5</sup> 120 <sup>5</sup> 208 <sup>5</sup> 240 <sup>5</sup> 277 <sup>5</sup> 347 <sup>5,6</sup> 480 <sup>5,6</sup>
					<b>Shipped included</b> SPA Square pole mounting RPA Round pole mounting WBA Wall bracket <sup>2</sup> SPUMBA Square pole universal mounting adaptor <sup>7</sup> RPUMBA Round pole universal mounting adaptor <sup>7</sup> <b>Shipped separately</b> KMA8 DDBXD U Mast arm mounting bracket adaptor (specify finish) <sup>8</sup>

Control options	Other options	Finish (required)
<b>Shipped installed</b> NLTAIR2 nLight AIR generation 2 enabled <sup>9,10</sup> PIRHN Network, high/low motion/ambient sensor <sup>11</sup> PER NEMA twist-lock receptacle only (control ordered separate) <sup>12</sup> PER5 Five-pin receptacle only (control ordered separate) <sup>12,13</sup> PER7 Seven-pin receptacle only (leads exit fixture) (control ordered separate) <sup>12,13</sup> DMG 0-10V dimming extend out back of housing for external control (control ordered separate) <sup>14</sup>	PIR High/low, motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 5fc <sup>15,16</sup> PIRH High/low, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 5fc <sup>15,16</sup> PIR1FC3V High/low, motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 1fc <sup>15,16</sup> PIRH1FC3V High/low, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 1fc <sup>15,16</sup> FAO Field adjustable output <sup>17</sup>	<b>Shipped installed</b> HS House-side shield <sup>18</sup> SF Single fuse (120, 277, 347V) <sup>5</sup> DF Double fuse (208, 240, 480V) <sup>5</sup> L90 Left rotated optics <sup>1</sup> R90 Right rotated optics <sup>1</sup> DDL Diffused drop lens <sup>18</sup> <b>Shipped separately</b> BS Bird spikes <sup>19</sup> EGS External glare shield
		DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white





## Ordering Information

### Accessories

Ordered and shipped separately.

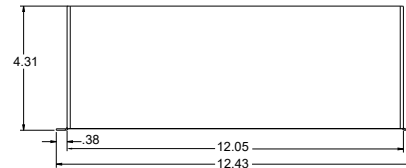
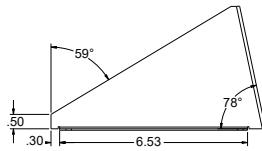
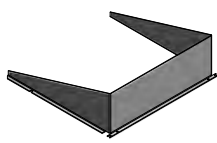
DLL127F 1.5 JU	Photocell - SSL twist-lock (120-277V) <sup>20</sup>
DLL347F 1.5 CUL JU	Photocell - SSL twist-lock (347V) <sup>20</sup>
DLL480F 1.5 CUL JU	Photocell - SSL twist-lock (480V) <sup>20</sup>
DSHORT SBK U	Shorting cap <sup>20</sup>
DSX0HS 20C U	House-side shield for P1,P2,P3 and P4 <sup>18</sup>
DSX0HS 30C U	House-side shield for P10,P11,P12 and P13 <sup>18</sup>
DSX0HS 40C U	House-side shield for P5,P6 and P7 <sup>18</sup>
DSX0DDL U	Diffused drop lens (polycarbonate) <sup>18</sup>
PUMBA DDBXD U*	Square and round pole universal mounting bracket adaptor (specify finish) <sup>21</sup>
KMA8 DDBXD U	Mast arm mounting bracket adaptor (specify finish) <sup>7</sup>
DSX0EGS (FINISH) U	External glare shield

For more control options, visit [DTL](#) and [ROAM](#) online.  
Link to [nLight Air 2](#)

### NOTES

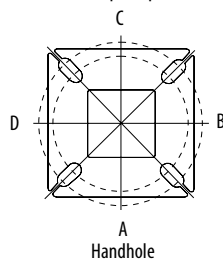
- P10, P11, P12 and P13 and rotated options (L90 or R90) only available together.
- Any Type 5 distribution with photocell, is not available with WBA.
- Not available with HS or DDL.
- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
- Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
- Not available with BL30, BL50 or PNMT options.
- Universal mounting brackets intended for retrofit on existing pre-drilled poles only. 1.5 G vibration load rating per ANSI C136.31.
- Must order fixture with SPA mounting. Must be ordered as a separate accessory; see Accessories information. For use with 2-3/8" mast arm (not included).
- Must be ordered with PIRHN.
- Sensor cover available only in dark bronze, black, white and natural aluminum colors.
- Must be ordered with NLTAIR2. For more information on nLight Air 2 visit [this link](#).
- Photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Shorting Cap included.
- If ROAM<sup>®</sup> node required, it must be ordered and shipped as a separate line item from Acuity Brands Controls. Shorting Cap included.
- DMG not available with PIRHN, PER5, PER7, PIR, PIRH, PIR1FC3V or PIRH1FC3V.
- Reference Motion Sensor table on page 3.
- Reference PER Table on page 3 to see functionality.
- Not available with other dimming controls options.
- Not available with BLC, LCCO and RCCO distribution.
- Must be ordered with fixture for factory pre-drilling.
- Requires luminaire to be specified with PER, PER5 or PER7 option. See PER Table on page 3.
- For retrofit use only.

## EGS – External Glare Shield



## Drilling

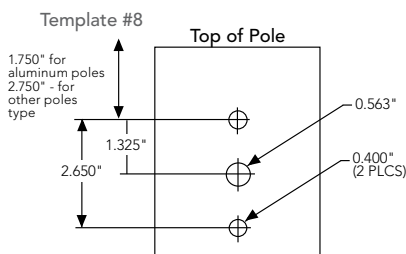
### HANDHOLE ORIENTATION (from top of pole)



### 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

Mounting Option	Drilling Template	Single	2 @ 180	2 @ 90	3 @ 90	3 @ 120	4 @ 90
Head Location		Side B	Side B & D	Side B & C	Side B, C & D	Round Pole Only	Side A, B, C & D
Drill Nomenclature	#8	DM19AS	DM28AS	DM29AS	DM39AS	DM32AS	DM49AS
Minimum Acceptable Outside Pole Dimension							
SPA	#8	2-7/8"	2-7/8"	3.5"	3.5"		3.5"
RPA	#8	2-7/8"	2-7/8"	3.5"	3.5"	3"	3.5"
SPUMBA	#5	2-7/8"	3"	4"	4"		4"
RPUMBA	#5	2-7/8"	3.5"	5"	5"	3.5"	5"



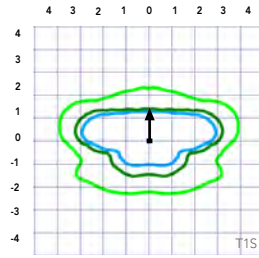
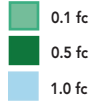


# Photometric Diagrams

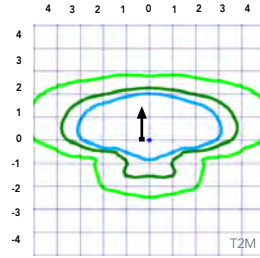
To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's [D-Series Area Size 0 homepage](#).

Isofootcandle plots for the DSX0 LED 40C 1000 40K. Distances are in units of mounting height (20').

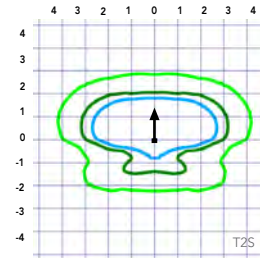
## LEGEND



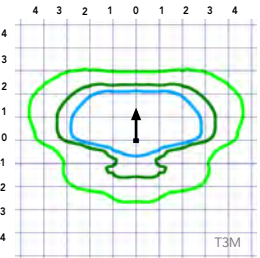
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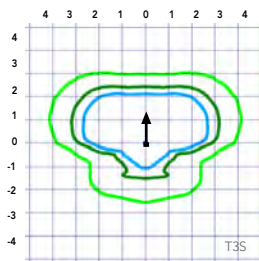
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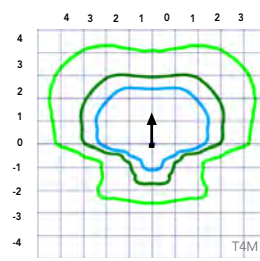
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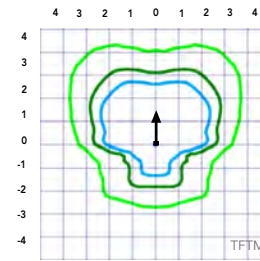
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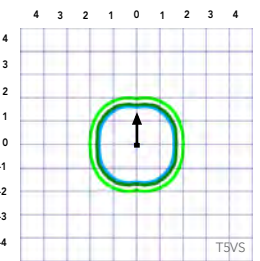
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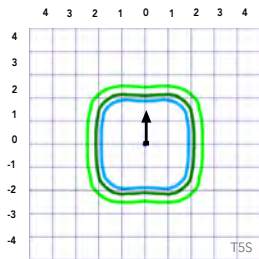
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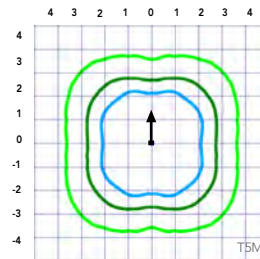
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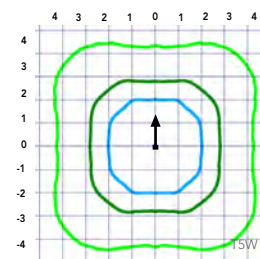
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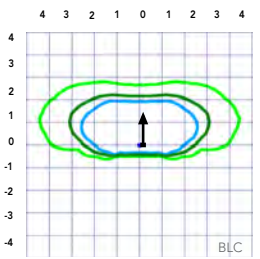
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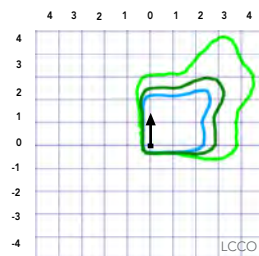
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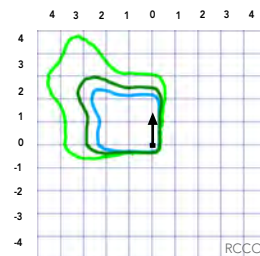
Test No. LTL2345/P25 tested in accordance with IESNA LM-79-08.



Test No.



Test No.



Test No.



## 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	1.04
5°C	41°F	1.04
10°C	50°F	1.03
15°C	59°F	1.02
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
35°C	95°F	0.98
40°C	104°F	0.97

### 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	Lumen Maintenance Factor
25,000	0.96
50,000	0.92
100,000	0.85

Motion Sensor Default Settings						
Option	Dimmed State	High Level (when triggered)	Photocell Operation	Dwell Time	Ramp-up Time	Ramp-down Time
PIR or PIRH	3V (37%) Output	10V (100%) Output	Enabled @ 5FC	5 min	3 sec	5 min
*PIR1FC3V or PIRH1FC3V	3V (37%) Output	10V (100%) Output	Enabled @ 1FC	5 min	3 sec	5 min

\*for use with separate Dusk to Dawn or timer.

### Electrical Load

					Current (A)					
	Performance Package	LED Count	Drive Current	Wattage	120	208	240	277	347	480
Forward Optics (Non-Rotated)	P1	20	530	38	0.32	0.18	0.15	0.15	0.10	0.08
	P2	20	700	49	0.41	0.23	0.20	0.19	0.14	0.11
	P3	20	1050	71	0.60	0.37	0.32	0.27	0.21	0.15
	P4	20	1400	92	0.77	0.45	0.39	0.35	0.28	0.20
	P5	40	700	89	0.74	0.43	0.38	0.34	0.26	0.20
	P6	40	1050	134	1.13	0.65	0.55	0.48	0.39	0.29
	P7	40	1300	166	1.38	0.80	0.69	0.60	0.50	0.37
Rotated Optics (Requires L90 or R90)	P10	30	530	53	0.45	0.26	0.23	0.21	0.16	0.12
	P11	30	700	72	0.60	0.35	0.30	0.27	0.20	0.16
	P12	30	1050	104	0.88	0.50	0.44	0.39	0.31	0.23
	P13	30	1300	128	1.08	0.62	0.54	0.48	0.37	0.27

### Controls Options

Nomenclature	Description	Functionality	Primary control device	Notes
FAO	Field adjustable output device installed inside the luminaire; wired to the driver dimming leads.	Allows the luminaire to be manually dimmed, effectively trimming the light output.	FAO device	Cannot be used with other controls options that need the 0-10V leads
DS	Drivers wired independently for 50/50 luminaire operation	The luminaire is wired to two separate circuits, allowing for 50/50 operation.	Independently wired drivers	Requires two separately switched circuits. Consider nLight AIR as a more cost effective alternative.
PERS or PER7	Twist-lock photocell receptacle	Compatible with standard twist-lock photocells for dusk to dawn operation, or advanced control nodes that provide 0-10V dimming signals.	Twist-lock photocells such as DLL Elite or advanced control nodes such as ROAM.	Pins 4 & 5 to dimming leads on driver, Pins 6 & 7 are capped inside luminaire
PIR or PIRH	Motion sensors with integral photocell. PIR for 8-15' mounting; PIRH for 15-30' mounting	Luminaires dim when no occupancy is detected.	Acuity Controls SBGR	Also available with PIRH1FC3V when the sensor photocell is used for dusk-to-dawn operation.
NLTAIR2 PIRHN	nLight AIR enabled luminaire for motion sensing, photocell and wireless communication.	Motion and ambient light sensing with group response. Scheduled dimming with motion sensor over-ride when wirelessly connected to the nLight Eclipse.	nLight Air rSDGR	nLight AIR sensors can be programmed and commissioned from the ground using the CIAIRity Pro app.



## 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.

Forward Optics																			
Power Package	LED Count	Drive Current	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)				
					Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
P1	20	530	38W	T1S	4,369	1	0	1	115	4,706	1	0	1	124	4,766	1	0	1	125
				T2S	4,364	1	0	1	115	4,701	1	0	1	124	4,761	1	0	1	125
				T2M	4,387	1	0	1	115	4,726	1	0	1	124	4,785	1	0	1	126
				T3S	4,248	1	0	1	112	4,577	1	0	1	120	4,634	1	0	1	122
				T3M	4,376	1	0	1	115	4,714	1	0	1	124	4,774	1	0	1	126
				T4M	4,281	1	0	1	113	4,612	1	0	2	121	4,670	1	0	2	123
				TFTM	4,373	1	0	1	115	4,711	1	0	2	124	4,771	1	0	2	126
				TSVS	4,548	2	0	0	120	4,900	2	0	0	129	4,962	2	0	0	131
				TSS	4,552	2	0	0	120	4,904	2	0	0	129	4,966	2	0	0	131
				TSM	4,541	3	0	1	120	4,891	3	0	1	129	4,953	3	0	1	130
				TSW	4,576	3	0	2	120	4,929	3	0	2	130	4,992	3	0	2	131
				BLC	3,586	1	0	1	94	3,863	1	0	1	102	3,912	1	0	1	103
				LCCO	2,668	1	0	1	70	2,874	1	0	2	76	2,911	1	0	2	77
				RCCO	2,668	1	0	1	70	2,874	1	0	2	76	2,911	1	0	2	77
P2	20	700	49W	T1S	5,570	1	0	1	114	6,001	1	0	1	122	6,077	2	0	2	124
				T2S	5,564	1	0	2	114	5,994	1	0	2	122	6,070	2	0	2	124
				T2M	5,593	1	0	1	114	6,025	1	0	1	123	6,102	1	0	1	125
				T3S	5,417	1	0	2	111	5,835	1	0	2	119	5,909	2	0	2	121
				T3M	5,580	1	0	2	114	6,011	1	0	2	123	6,087	1	0	2	124
				T4M	5,458	1	0	2	111	5,880	1	0	2	120	5,955	1	0	2	122
				TFTM	5,576	1	0	2	114	6,007	1	0	2	123	6,083	1	0	2	124
				TSVS	5,799	2	0	0	118	6,247	2	0	0	127	6,327	2	0	0	129
				TSS	5,804	2	0	0	118	6,252	2	0	0	128	6,332	2	0	1	129
				TSM	5,789	3	0	1	118	6,237	3	0	1	127	6,316	3	0	1	129
				TSW	5,834	3	0	2	119	6,285	3	0	2	128	6,364	3	0	2	130
				BLC	4,572	1	0	1	93	4,925	1	0	1	101	4,987	1	0	1	102
				LCCO	3,402	1	0	2	69	3,665	1	0	2	75	3,711	1	0	2	76
				RCCO	3,402	1	0	2	69	3,665	1	0	2	75	3,711	1	0	2	76
P3	20	1050	71W	T1S	7,833	2	0	2	110	8,438	2	0	2	119	8,545	2	0	2	120
				T2S	7,825	2	0	2	110	8,429	2	0	2	119	8,536	2	0	2	120
				T2M	7,865	2	0	2	111	8,473	2	0	2	119	8,580	2	0	2	121
				T3S	7,617	2	0	2	107	8,205	2	0	2	116	8,309	2	0	2	117
				T3M	7,846	2	0	2	111	8,452	2	0	2	119	8,559	2	0	2	121
				T4M	7,675	2	0	2	108	8,269	2	0	2	116	8,373	2	0	2	118
				TFTM	7,841	2	0	2	110	8,447	2	0	2	119	8,554	2	0	2	120
				TSVS	8,155	3	0	0	115	8,785	3	0	0	124	8,896	3	0	0	125
				TSS	8,162	3	0	1	115	8,792	3	0	1	124	8,904	3	0	1	125
				TSM	8,141	3	0	2	115	8,770	3	0	2	124	8,881	3	0	2	125
				TSW	8,204	3	0	2	116	8,838	4	0	2	124	8,950	4	0	2	126
				BLC	6,429	1	0	2	91	6,926	1	0	2	98	7,013	1	0	2	99
				LCCO	4,784	1	0	2	67	5,153	1	0	2	73	5,218	1	0	2	73
				RCCO	4,784	1	0	2	67	5,153	1	0	2	73	5,218	1	0	2	73
P4	20	1400	92W	T1S	9,791	2	0	2	106	10,547	2	0	2	115	10,681	2	0	2	116
				T2S	9,780	2	0	2	106	10,536	2	0	2	115	10,669	2	0	2	116
				T2M	9,831	2	0	2	107	10,590	2	0	2	115	10,724	2	0	2	117
				T3S	9,521	2	0	2	103	10,256	2	0	2	111	10,386	2	0	2	113
				T3M	9,807	2	0	2	107	10,565	2	0	2	115	10,698	2	0	2	116
				T4M	9,594	2	0	2	104	10,335	2	0	3	112	10,466	2	0	3	114
				TFTM	9,801	2	0	2	107	10,558	2	0	2	115	10,692	2	0	2	116
				TSVS	10,193	3	0	1	111	10,981	3	0	1	119	11,120	3	0	1	121
				TSS	10,201	3	0	1	111	10,990	3	0	1	119	11,129	3	0	1	121
				TSM	10,176	4	0	2	111	10,962	4	0	2	119	11,101	4	0	2	121
				TSW	10,254	4	0	3	111	11,047	4	0	3	120	11,186	4	0	3	122
				BLC	8,036	1	0	2	87	8,656	1	0	2	94	8,766	1	0	2	95
				LCCO	5,979	1	0	2	65	6,441	1	0	2	70	6,523	1	0	3	71
					5,979	1	0	2	65	6,441	1	0	2	70	6,523	1	0	3	71



## 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.

#### Forward Optics

Power Package	LED Count	Drive Current	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)				
					Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
P5	40	700	89W	T1S	10,831	2	0	2	122	11,668	2	0	2	131	11,816	2	0	2	133
				T2S	10,820	2	0	2	122	11,656	2	0	2	131	11,803	2	0	2	133
				T2M	10,876	2	0	2	122	11,716	2	0	2	132	11,864	2	0	2	133
				T3S	10,532	2	0	2	118	11,346	2	0	2	127	11,490	2	0	2	129
				T3M	10,849	2	0	2	122	11,687	2	0	2	131	11,835	2	0	2	133
				T4M	10,613	2	0	3	119	11,434	2	0	3	128	11,578	2	0	3	130
				TFTM	10,842	2	0	2	122	11,680	2	0	2	131	11,828	2	0	2	133
				TSVS	11,276	3	0	1	127	12,148	3	0	1	136	12,302	3	0	1	138
				TSS	11,286	3	0	1	127	12,158	3	0	1	137	12,312	3	0	1	138
				TSM	11,257	4	0	2	126	12,127	4	0	2	136	12,280	4	0	2	138
				TSW	11,344	4	0	3	127	12,221	4	0	3	137	12,375	4	0	3	139
				BLC	8,890	1	0	2	100	9,576	1	0	2	108	9,698	1	0	2	109
				LCCO	6,615	1	0	3	74	7,126	1	0	3	80	7,216	1	0	3	81
				RCCO	6,615	1	0	3	74	7,126	1	0	3	80	7,216	1	0	3	81
P6	40	1050	134W	T1S	14,805	3	0	3	110	15,949	3	0	3	119	16,151	3	0	3	121
				T2S	14,789	3	0	3	110	15,932	3	0	3	119	16,134	3	0	3	120
				T2M	14,865	3	0	3	111	16,014	3	0	3	120	16,217	3	0	3	121
				T3S	14,396	3	0	3	107	15,509	3	0	3	116	15,705	3	0	3	117
				T3M	14,829	2	0	3	111	15,975	3	0	3	119	16,177	3	0	3	121
				T4M	14,507	2	0	3	108	15,628	3	0	3	117	15,826	3	0	3	118
				TFTM	14,820	2	0	3	111	15,965	3	0	3	119	16,167	3	0	3	121
				TSVS	15,413	4	0	1	115	16,604	4	0	1	124	16,815	4	0	1	125
				TSS	15,426	3	0	1	115	16,618	4	0	1	124	16,828	4	0	1	126
				TSM	15,387	4	0	2	115	16,576	4	0	2	124	16,786	4	0	2	125
				TSW	15,506	4	0	3	116	16,704	4	0	3	125	16,915	4	0	3	126
				BLC	12,151	1	0	2	91	13,090	1	0	2	98	13,255	1	0	2	99
				LCCO	9,041	1	0	3	67	9,740	1	0	3	73	9,863	1	0	3	74
				RCCO	9,041	1	0	3	67	9,740	1	0	3	73	9,863	1	0	3	74
P7	40	1300	166W	T1S	17,023	3	0	3	103	18,338	3	0	3	110	18,570	3	0	3	112
				T2S	17,005	3	0	3	102	18,319	3	0	3	110	18,551	3	0	3	112
				T2M	17,092	3	0	3	103	18,413	3	0	3	111	18,646	3	0	3	112
				T3S	16,553	3	0	3	100	17,832	3	0	3	107	18,058	3	0	3	109
				T3M	17,051	3	0	3	103	18,369	3	0	3	111	18,601	3	0	3	112
				T4M	16,681	3	0	3	100	17,969	3	0	3	108	18,197	3	0	3	110
				TFTM	17,040	3	0	3	103	18,357	3	0	4	111	18,590	3	0	4	112
				TSVS	17,723	4	0	1	107	19,092	4	0	1	115	19,334	4	0	1	116
				TSS	17,737	4	0	2	107	19,108	4	0	2	115	19,349	4	0	2	117
				TSM	17,692	4	0	2	107	19,059	4	0	2	115	19,301	4	0	2	116
				TSW	17,829	5	0	3	107	19,207	5	0	3	116	19,450	5	0	3	117
				BLC	13,971	2	0	2	84	15,051	2	0	2	91	15,241	2	0	2	92
				LCCO	10,396	1	0	3	63	11,199	1	0	3	67	11,341	1	0	3	68
					10,396	1	0	3	63	11,199	1	0	3	67	11,341	1	0	3	68



## 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.

Rotated Optics																			
Power Package	LED Count	Drive Current	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)				
					Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
P10	30	530	53W	T1S	6,727	2	0	2	127	7,247	3	0	3	137	7,339	3	0	3	138
				T2S	6,689	3	0	3	126	7,205	3	0	3	136	7,297	3	0	3	138
				T2M	6,809	3	0	3	128	7,336	3	0	3	138	7,428	3	0	3	140
				T3S	6,585	3	0	3	124	7,094	3	0	3	134	7,183	3	0	3	136
				T3M	6,805	3	0	3	128	7,331	3	0	3	138	7,424	3	0	3	140
				T4M	6,677	3	0	3	126	7,193	3	0	3	136	7,284	3	0	3	137
				TFTM	6,850	3	0	3	129	7,379	3	0	3	139	7,472	3	0	3	141
				TSVS	6,898	3	0	0	130	7,431	3	0	0	140	7,525	3	0	0	142
				T5S	6,840	2	0	1	129	7,368	2	0	1	139	7,461	2	0	1	141
				TSM	6,838	3	0	1	129	7,366	3	0	2	139	7,460	3	0	2	141
				TSW	6,777	3	0	2	128	7,300	3	0	2	138	7,393	3	0	2	139
				BLC	5,626	2	0	2	106	6,060	2	0	2	114	6,137	2	0	2	116
				LCCO	4,018	1	0	2	76	4,328	1	0	2	82	4,383	1	0	2	83
				RCCO	4,013	3	0	3	76	4,323	3	0	3	82	4,377	3	0	3	83
P11	30	700	72W	T1S	8,594	3	0	3	119	9,258	3	0	3	129	9,376	3	0	3	130
				T2S	8,545	3	0	3	119	9,205	3	0	3	128	9,322	3	0	3	129
				T2M	8,699	3	0	3	121	9,371	3	0	3	130	9,490	3	0	3	132
				T3S	8,412	3	0	3	117	9,062	3	0	3	126	9,177	3	0	3	127
				T3M	8,694	3	0	3	121	9,366	3	0	3	130	9,484	3	0	3	132
				T4M	8,530	3	0	3	118	9,189	3	0	3	128	9,305	3	0	3	129
				TFTM	8,750	3	0	3	122	9,427	3	0	3	131	9,546	3	0	3	133
				TSVS	8,812	3	0	0	122	9,493	3	0	0	132	9,613	3	0	0	134
				T5S	8,738	3	0	1	121	9,413	3	0	1	131	9,532	3	0	1	132
				TSM	8,736	3	0	2	121	9,411	3	0	2	131	9,530	3	0	2	132
				TSW	8,657	4	0	2	120	9,326	4	0	2	130	9,444	4	0	2	131
				BLC	7,187	3	0	3	100	7,742	3	0	3	108	7,840	3	0	3	109
				LCCO	5,133	1	0	2	71	5,529	1	0	2	77	5,599	1	0	2	78
				RCCO	5,126	3	0	3	71	5,522	3	0	3	77	5,592	3	0	3	78
P12	30	1050	104W	T1S	12,149	3	0	3	117	13,088	3	0	3	126	13,253	3	0	3	127
				T2S	12,079	4	0	4	116	13,012	4	0	4	125	13,177	4	0	4	127
				T2M	12,297	3	0	3	118	13,247	3	0	3	127	13,415	3	0	3	129
				T3S	11,891	4	0	4	114	12,810	4	0	4	123	12,972	4	0	4	125
				T3M	12,290	3	0	3	118	13,239	4	0	4	127	13,407	4	0	4	129
				T4M	12,058	4	0	4	116	12,990	4	0	4	125	13,154	4	0	4	126
				TFTM	12,369	4	0	4	119	13,325	4	0	4	128	13,494	4	0	4	130
				TSVS	12,456	3	0	1	120	13,419	3	0	1	129	13,589	4	0	1	131
				T5S	12,351	3	0	1	119	13,306	3	0	1	128	13,474	3	0	1	130
				TSM	12,349	4	0	2	119	13,303	4	0	2	128	13,471	4	0	2	130
				TSW	12,238	4	0	3	118	13,183	4	0	3	127	13,350	4	0	3	128
				BLC	10,159	3	0	3	98	10,944	3	0	3	105	11,083	3	0	3	107
				LCCO	7,256	1	0	3	70	7,816	1	0	3	75	7,915	1	0	3	76
				RCCO	7,246	3	0	3	70	7,806	4	0	4	75	7,905	4	0	4	76
P13	30	1300	128W	T1S	14,438	3	0	3	113	15,554	3	0	3	122	15,751	3	0	3	123
				T2S	14,355	4	0	4	112	15,465	4	0	4	121	15,660	4	0	4	122
				T2M	14,614	3	0	3	114	15,744	4	0	4	123	15,943	4	0	4	125
				T3S	14,132	4	0	4	110	15,224	4	0	4	119	15,417	4	0	4	120
				T3M	14,606	4	0	4	114	15,735	4	0	4	123	15,934	4	0	4	124
				T4M	14,330	4	0	4	112	15,438	4	0	4	121	15,633	4	0	4	122
				TFTM	14,701	4	0	4	115	15,836	4	0	4	124	16,037	4	0	4	125
				TSVS	14,804	4	0	1	116	15,948	4	0	1	125	16,150	4	0	1	126
				T5S	14,679	3	0	1	115	15,814	3	0	1	124	16,014	3	0	1	125
				TSM	14,676	4	0	2	115	15,810	4	0	2	124	16,010	4	0	2	125
				TSW	14,544	4	0	3	114	15,668	4	0	3	122	15,866	4	0	3	124
				BLC	7,919	3	0	3	62	8,531	3	0	3	67	8,639	3	0	3	67
				LCCO	5,145	1	0	2	40	5,543	1	0	2	43	5,613	1	0	2	44
					5,139	3	0	3	40	5,536	3	0	3	43	5,606	3	0	3	44



## A+ Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and system-level interoperability.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is A+ Certified when ordered with DTL® controls marked by a [shaded background](#). DTL DLL equipped luminaires meet the A+ specification for luminaire to photocontrol interoperability<sup>1</sup>
- This luminaire is part of an A+ Certified solution for ROAM® or XPoint™ Wireless control networks, providing out-of-the-box control compatibility with simple commissioning, when ordered with drivers and control options marked by a [shaded background](#)<sup>1</sup>

To learn more about A+, visit [www.acuitybrands.com/aplus](http://www.acuitybrands.com/aplus).

1. See ordering tree for details.
2. A+ Certified Solutions for ROAM require the order of one ROAM node per luminaire.  
Sold Separately: [Link to Roam](#); [Link to DTL DLL](#)

## FEATURES & SPECIFICATIONS

### INTENDED USE

The sleek design of the D-Series Size 0 reflects the embedded high performance LED technology. It is ideal for many commercial and municipal applications, such as parking lots, plazas, campuses, and pedestrian areas.

### 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 (0.95 ft<sup>2</sup>) 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 3000 K, 4000 K or 5000 K (70 CRI) configurations. The D-Series Size 0 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(s) configurations consist of high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L85/100,000 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 surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

### STANDARD CONTROLS

The DSX0 LED area luminaire has a number of control options. Dusk to dawn controls can be utilized via optional NEMA twist-lock photocell receptacles. Integrated motion sensors with on-board photocells feature field-adjustable programming and are suitable for mounting heights up to 30 feet.

### nLIGHT AIR CONTROLS

The DSX0 LED area luminaire is also available with nLight® AIR for the ultimate in wireless control. This powerful controls platform provides out-of-the-box basic motion sensing and photocontrol functionality and is suitable for mounting heights up to 40 feet. Once commissioned using a smartphone and the easy-to-use CLAIRITY app, nLight AIR equipped luminaires can be grouped, resulting in motion sensor and photocell group response without the need for additional equipment. Scheduled dimming with motion sensor over-ride can be achieved when used with the nLight Eclipse. Additional information about nLight Air can be found [here](#).

### 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 0 to withstand up to a 3.0 G vibration load rating per ANSI C136.31. The D-Series Size 0 utilizes the AERIS™ series pole drilling pattern (template #8). Optional terminal block 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) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL) to confirm which versions are qualified.

International Dark-Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 3000K color temperature only.

### WARRANTY

5-year limited warranty. Complete warranty terms located at: [www.acuitybrands.com/support/customer-support/terms-and-conditions](http://www.acuitybrands.com/support/customer-support/terms-and-conditions)

**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.



COMMERCIAL OUTDOOR






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DSX0-LED  
Rev. 02/05/20  
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Scale: 1 inch= 30 Ft.

LUMINAIRE SCHEDULE									
SYMBOL	QTY	LABEL	ARRANGEMENT	MANUFACTURER	DESCRIPTION	MOUNTING	LUMINAIRE LUMENS	LLF	LUMINAIRE WATTS
	5	S1	SINGLE	Lithonia Lighting	DSX0 LED P7 30K BLC MVOLT	POLE MOUNTED: 20' A.F.G.	13970	0.900	166
	3	SL	SINGLE	Lithonia Lighting	DSX0 LED P5 30K LCCO MVOLT	POLE MOUNTED: 20' A.F.G.	6617	0.900	89
	2	SR	SINGLE	Lithonia Lighting	DSX0 LED P5 30K RCCO MVOLT	POLE MOUNTED: 20' A.F.G.	6617	0.900	89
	7	G	SINGLE	Lithonia Lighting	VCPG LED P3 30K T5M MVOLT	SURFACE MOUNTED: 16' A.F.G.	5870	0.900	43.37
	19	W	SINGLE	Lithonia Lighting	WDGE1 LED P1 30K 80CRI VW	WALL MOUNTED: 9.5' A.F.G.	1164	0.900	10

CALCULATION SUMMARY							
LABEL	CALC TYPE	UNITS	AVG	MAX	MIN	AVG/MIN	MAX/MIN
CITY LOT	Illuminance	Fc	4.60	7.0	1.9	2.42	3.68
COVERED PARKING	Illuminance	Fc	3.40	6.5	1.1	3.09	5.91
DRIVE	Illuminance	Fc	4.68	9.2	1.2	3.90	7.67
MISC AREA	Illuminance	Fc	2.17	8.9	0.0	N.A.	N.A.
SPILL HORIZONTAL	Illuminance	Fc	1.14	6.1	0.0	N.A.	N.A.
SPILL VERTICAL	Illuminance	Fc	1.21	5.2	0.0	N.A.	N.A.

DESCRIPTION:  
SITE  
PLAN VIEW

DATE:  
02-28-2020

OAKLAND PARK STORAGE







# VCPG LED Parking Garage

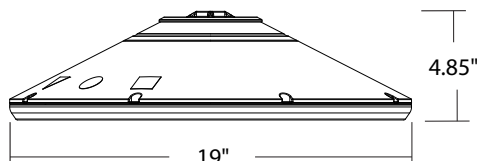
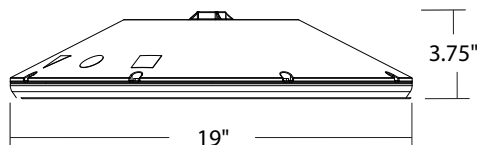


## Specifications

**Diameter:** 19"

**Height:** 3.75"  
(4.85" with Up-Light)

**Weight** 18 lbs  
(max, with no options):



A+ Capable options indicated by this color background.

Catalog  
Number

Notes

Type

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

## Introduction

The all new VCPG LED (Visually Comfortable Parking Garage) luminaire is designed to bring glare control, optical performance and energy savings into one package. The recessed lens design of VCPG LED minimizes high angle glare, while its precision molded acrylic lens eliminates LED pixilation and delivers the required minimums, verticals and uniformity. The dedicated up-light module option reduces the contrast between the luminaire and the ceiling creating a more visually comfortable environment.

The VCPG LED delivers up to 87% in energy savings when replacing 175W metal halide luminaires. With over 100,000 hour life expectancy (12+ years of 24/7 continuous operation), the VCPG LED luminaire provides significant maintenance savings over traditional luminaires.

## Ordering Information

**EXAMPLE: VCPG LED V4 P4 40K 70CRI T5M MVOLT SRM DNAXD**

VCPG LED							
Series	LED Light Engines	Package	Color temperature	Color Rendering Index	Distribution	Voltage	Mounting
VCPG LED	V4 <sup>1</sup> 4 Light Engines	P1 <sup>1</sup>	30K 3000 K	70CRI	T5M Type V, medium	MVOLT	<b>Shipped included</b> PM Pendant mount standard (24-inch length supply leads) SRM Surface mount (24-inch length supply leads) ARM Arm mount (use RSXWBA accessory to mount to a wall)  <b>Shipped separately</b> YK Yoke/trunnion mount <sup>3</sup>
	V8 <sup>1</sup> 8 Light Engines	P2 <sup>1</sup>	35K 3500 K	80CRI	T5R <sup>2</sup> Type V, rectangular	347 120	
		P3 <sup>1</sup>	40K 4000 K		T5W Type V, wide	480 208	
		P4 <sup>1</sup>	50K 5000 K		T5E Type V entry	240 277	
		P5 <sup>1</sup>			LANE <sup>2</sup> Drive lane	347 480	
		P6 <sup>1</sup>					
		P7 <sup>1</sup>					

Options			Finish (required)
<b>Shipped installed</b> UPL1 Up-Light: 500 lumens UPL2 Up-Light: 700 lumens E8WC Emergency battery backup, Certified in CA Title 20 MAEDBS (8W, -20°C min) <sup>4,5,6</sup> E10WH Emergency battery backup, Certified in CA Title 20 MAEDBS (10W, 5°C min) <sup>4,5,6</sup> HA High ambient (50°C, only P1-P4) SF Single fuse (120V, 277V, 347V) DF Double fuse (208V, 240V, 480V) SPD10KV 10KV Surge Pack LDS36 36in (3ft) lead length LDS72 72in (6ft) lead length LDS108 108in (9ft) lead length DMG External 0-10V leads (no controls) <sup>7</sup> <b>Shipped Separately</b> WG Wire Guard BDS Bird Shroud HS House Side Shield			DWHXD White DNAXD Natural aluminum DDBXD Dark bronze DBLXD Black
<b>Standalone Sensors/Controls<sup>2</sup></b> PIR Motion/ambient sensor for 8-15' mounting heights PIRH Motion/ambient sensor for 15-30' mounting heights PIR3FC3V Motion/ambient sensor for 8-15' mounting heights, pre programmed to 3fc and 35% light output PIRH3FC3V Motion/ambient sensor for 15-30' mounting heights, pre programmed to 3fc and 35% light output PIR3FC3V924 UL924 Listed motion/ambient sensor for emergency circuit for 8-15' mounting heights, pre programmed to 3fc and 35% light output <sup>8</sup> PIRH3FC3V924 UL924 Listed motion/ambient sensor for emergency circuit for 15-30' mounting heights, pre programmed to 3fc and 35% light output <sup>8</sup> <b>Networked Sensors/Controls<sup>2</sup></b> NLTAIR2 PIR nLIGHT AIR Wireless enabled motion/ambient sensor for 8-15' mounting heights NLTAIR2 PIRH nLIGHT AIR Wireless enabled motion/ambient sensor for 15-30' mounting heights NLTAIR2 PIR924 nLIGHT AIR Wireless enabled, UL 924 Listed motion/ambient sensor for emergency circuits for 8-15' mounting heights <sup>9</sup> NLTAIR2 PIRH924 nLIGHT AIR Wireless enabled, UL 924 Listed motion/ambient sensor for emergency circuits for 15-30' mounting heights <sup>9</sup> XAD XPoint™ Wireless enabled <sup>10</sup> XAD924 XPoint™ Wireless enabled, UL 924 Listed for emergency circuit <sup>8,10</sup> XAD PIR XPoint™ Wireless enabled motion/ambient sensor for 8-15' mounting heights XAD PIRH XPoint™ Wireless enabled motion/ambient sensor for 15-30' mounting heights XAD924 PIR XPoint™ Wireless enabled, UL 924 Listed motion/ambient sensor for emergency circuits for 8-15' mounting heights <sup>8</sup> XAD924 PIRH XPoint™ Wireless enabled, UL 924 Listed motion/ambient sensor for emergency circuits for 15-30' mounting heights <sup>8</sup>			



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VCPG LED  
Rev. 01/30/20



## Ordering Information Cont.

### Accessories

Ordered and shipped separately.

VCPGBDS DWHXD U	Bird shroud for PM (specify finish)
VCPGBDS YK DWHXD U	Bird shroud for YK (specify finish)
VCPGUBDS DWHXD U	Bird shroud for PM with Up-Light (specify finish)
VCPGUBDS YK DWHXD U	Bird shroud for YK with Up-Light (specify finish)
VCPGSRM U	Surface mount kit, with no Up-Light
VCPGSRM U	Surface mount kit, with Up-Light
VCPGWG U	Wire guard
SLVSQ	Quick mount pendant swivel kit, square
SLVRD	Quick mount pendant swivel kit, round
VCPG YK DWHXD U	Yoke mount kit (specify finish)
RSXWBA DWHXD U	RSX WBA wall bracket (specify finish)

### NOTES

- 1 P1-P6 not available with V8. P7 not available with V4.
- 2 Not available with P7.
- 3 Only vertical height adjustment. No angle adjustment. Use PM and SLVSQ or SLVRD for mounting to angled ceiling or canopies.
- 4 Not available with 347V or 480V.
- 5 E8WC and E10WH only rated up to 35°C ambient.
- 6 E8WC & E10WH only available with P1-P4 packages.
- 7 DMG option not available with standalone or networked sensors/controls.
- 8 Power interruption delay >30 milliseconds required for operation. Refer sequence of operations on page 4 for more details. BDS not available with UPL1 or UPL2.
- 9 Not available with P6 & P7. Power interruption delay >200 milliseconds required for operation. Refer sequence of operations on page 4 for more details.
- 10 XAD & XAD924 not available with PIR3FC3V924 and PIRH3FC3V924.

## 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.

Performance Package	Watts	Distribution Type	30K (3000K, 70 CRI)		35K (3500K, 70 CRI)		40K (4000K, 70 CRI)		50K (5000K, 70 CRI)	
			Lumens	LPW	Lumens	LPW	Lumens	LPW	Lumens	LPW
P1	27W	TSE	3,581	135	3,670	138	3,815	144	3,876	146
		TSM	3,620	136	3,710	140	3,856	145	3,917	147
		TSW	3,592	135	3,681	139	3,827	144	3,888	146
		TSR	3,464	130	3,550	134	3,690	139	3,749	141
		LANE	3,507	132	3,594	135	3,736	141	3,796	143
P2	34W	TSE	4,577	135	4,691	138	4,876	144	4,954	146
		TSM	4,626	136	4,741	140	4,928	145	5,007	147
		TSW	4,591	135	4,705	139	4,891	144	4,968	146
		TSR	4,427	130	4,537	134	4,716	139	4,791	141
		LANE	4,482	132	4,594	135	4,775	141	4,851	143
P3	43W	TSE	5,808	134	5,952	137	6,187	143	6,286	145
		TSM	5,870	135	6,015	139	6,253	144	6,353	146
		TSW	5,825	134	5,970	138	6,205	143	6,304	145
		TSR	5,617	130	5,757	133	5,984	138	6,079	140
		LANE	5,688	131	5,829	134	6,059	140	6,155	142
P4	56W	TSE	7,391	131	7,575	135	7,874	140	7,999	142
		TSM	7,470	133	7,656	136	7,958	141	8,085	144
		TSW	7,414	132	7,597	135	7,898	140	8,023	143
		TSR	7,149	127	7,326	130	7,615	135	7,737	137
		LANE	7,238	129	7,418	132	7,711	137	7,834	139
P5	82W	TSE	10,189	124	10,442	127	10,854	132	11,027	134
		TSM	10,298	125	10,553	128	10,970	134	11,145	136
		TSW	10,220	124	10,473	128	10,887	133	11,060	135
		TSR	9,855	120	10,099	123	10,498	128	10,665	130
		LANE	9,978	121	10,226	124	10,629	129	10,799	131
P6	108W	TSE	12,878	120	13,197	123	13,719	127	13,937	129
		TSM	13,015	121	13,338	124	13,865	129	14,086	131
		TSW	12,917	120	13,237	123	13,760	128	13,979	130
		TSR	12,455	116	12,764	119	13,268	123	13,480	125
		LANE	12,611	117	12,924	120	13,435	125	13,649	127
P7	122W	TSE	15,503	125	15,887	128	16,515	133	16,778	135
		TSM	15,668	126	16,057	129	16,691	135	16,957	137
		TSW	15,549	125	15,935	129	16,564	134	16,828	136

### Up-light Lumen Output

Up-light Option	Watts	Lumens
UPL1	6.5W	519
UPL2	8.5W	715

### Lumen Multiplier for 80CRI

CCT	Multiplier
30K	0.926
35K	0.945
40K	0.967
50K	0.965

### 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	1.03
10°C 50°F	1.02
20°C 68°F	1.01
25°C 77°F	1
30°C 86°F	0.99
40°C 104°F	0.98

### 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	1.0	0.97	0.94	0.89

### Electrical Load

Power Package	System Watts	Current (A)					
		120V	208V	240V	277V	347V	480V
P1	27W	0.22	0.13	0.12	0.10	0.08	0.06
P2	34W	0.28	0.16	0.14	0.13	0.10	0.08
P3	43W	0.37	0.21	0.18	0.16	0.13	0.09
P4	56W	0.48	0.28	0.24	0.21	0.16	0.12
P5	82W	0.68	0.40	0.35	0.30	0.24	0.18
P6	108W	0.91	0.52	0.45	0.39	0.32	0.23
P7	124W	1.03	0.59	0.51	0.44	0.37	0.27

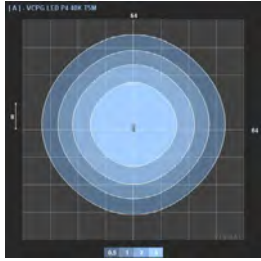




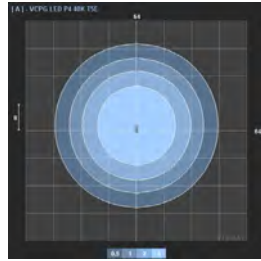
## Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit the [Lithonia Lighting VCPG LED homepage](#).  
Tested in accordance with IESNA LM-79 and LM-80 standards

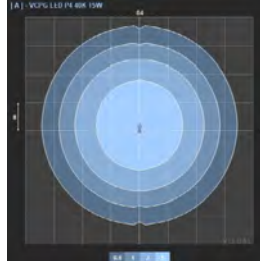
VCPG LED P4 T5M 40K



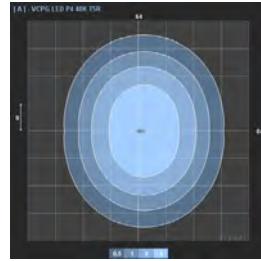
VCPG LED P4 T5E 40K



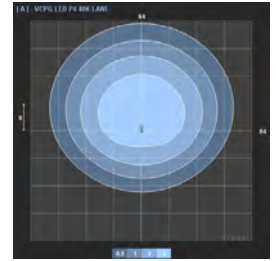
VCPG LED P4 T5W 40K



VCPG LED P4 T5R 40K



VCPG LED P4 LANE 40K



## Control/Sensor Options

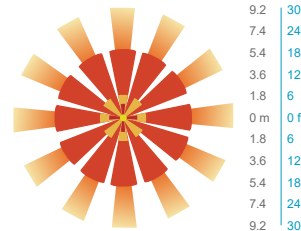
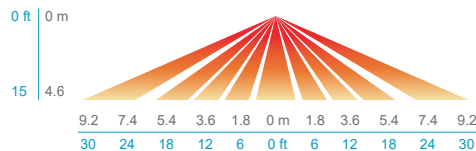
### Motion/Ambient Sensor (PIR, PIRH)

Motion/Ambient sensor (Sensor Switch MSOD, Xpoint MSOD) is integrated into the luminaire. The sensor provides both Motion and Daylight based dimming of the luminaire. For motion detection, the sensor utilizes 100% Digital Passive Infrared (PIR) technology that is tuned for walking size motion while preventing false tripping from the environment. The integrated photocell enables additional energy savings during daytime periods when there is sufficient daylight. Optimize sensor coverage by either selecting PIR or PIRH option. PIR option comes with a sensor lens that is optimized to provide maximum coverage for mounting heights between 8-15ft, while PIRH is optimized for 15-40ft mounting height.

### Networked Control (NLTAIR2)

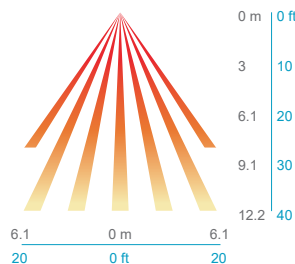
nLight® AIR is a wireless lighting controls platform that allows for seamless integration of both indoor and outdoor luminaires. Five-tier security architecture, 900 MHz wireless communication and app (CLAIRITY™ Pro) based configurability combined together make nLight® AIR a secure, reliable and easy to use platform.

#### PIR HIGH VIEW

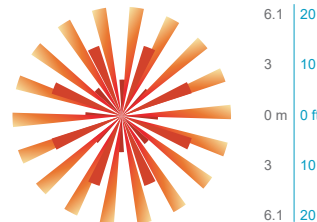


#### PIRH

#### SIDE VIEW



#### TOP VIEW



## Motion/Ambient Sensor Default Settings

Option	Dim Level	High Level (when triggered)	Photocell Operation	Motion Time Delay	Ramp-down Time	Ramp-up Time
PIR or PIRH	Motion - 3V (37% of full output) Photocell - 0V (turned off)	10V (100% output)	Enabled @ 5fc	5 min	5 min	Motion - 3 sec Photocell - 45 sec
PIR3FC3V or PIRH3FC3V	Motion - 3V (37% of full output) Photocell - 0V (turned off)	10V (100% output)	Enabled @ 3fc	5 min	5 min	Motion - 3 sec Photocell - 45 sec

## Sequence of Operations for UL924 Listed Controls/Sensors

### (PIR3FC3V924, PIRH3FC3V924, XAD924, NLTAIR2 PIR924, NLTAIR2 PIRH924)

The UL924 listed control/sensor ("device") is designed to provide full light output for 90 minutes following power loss ("Egress Mode"), ignoring both manual and automatic dimming/occupancy/daylight control signals during this time. The sequence of operations is as follows:

- Normal condition: device can dim and turn off the luminaire as normal, in response to automatic and manual control.
- Utility power fails, and luminaire loses power.
- Backup power source activates, transfer switch moves the emergency circuit powering the luminaire onto the backup source, and luminaire regains power.
- The device detects this power interruption, if it is >30ms (for PIR3FC3V924, PIRH3FC3V924, XAD924) or >200ms (for NLTAIR2 PIR924, NLTAIR2 PIRH924).
- The device ignores all dimming commands and controls the driver to full light output for 90 minutes.
- The device resumes normal dimming controls after 90 minutes.

These UL924 listed controls/sensors are not intended for use with Non-interruptible central emergency power systems. The power interruption, when transferring from normal utility power to emergency backup power, is required for the controller to activate its Egress Mode and provide full light output.





## Mounting, Options & Accessories



**PM – Pendant Mount**  
(compatible with 3/4" NPT,  
pendant stem provided by  
others)

D = 19"  
H = 4.1"



**SRM – Surface Mount**

D = 19"  
H = 4.1"



**SRM – Surface Mount  
with Up-Light**

D = 19"  
H = 5.3"



**YK – Yoke/Trunnion Mount**

D = 19"  
H (Yoke) = 10"-18"



**ARM – Arm Mount**

L = 28"  
W = 19"  
H = 8"



**PIR & PIRH – Motion/  
Ambient sensor**

D = 19"  
H = 4.6" (no up-light)  
or 5.6" (with up-light)



**BDS – Bird shroud for  
pendant mount**

D = 19"  
H = 8"



**BDS – Bird shroud for  
yoke mount**

D = 19"  
H (Yoke) = 10"-18"



**WG – Wire guard**

D = 19"  
H = 4.9" (no uplight)  
or 5.9" (with up-light)



**HS – House side shield**

D = 19"  
H = 7.1" (no up-light) or  
8.1" (with up-light)

## FEATURES & SPECIFICATIONS

### INTENDED USE

The visually comfortable optics, energy savings, and long life of the VCPG LED Parking Garage luminaire make it an ideal choice for new commercial installations and retrofit parking garage opportunities. It is designed to meet or exceed recommended illuminance criteria when installed as a direct replacement of most HID parking garage luminaires. Its modern dayform and aesthetics also make it appealing for indoor low-bay applications.

### CONSTRUCTION

Two-piece die-cast aluminum housing has integral heat sink fins to optimize thermal management through conductive and convective cooling. The LED driver is separated from the heat generating light engines and mounted in direct contact with the casting to promote low operating temperatures, higher lumen maintenance and long life. The housing is completely sealed against moisture and environmental contaminants (IP66) and is suitable for hose-down application.

### FINISH

Exterior painted 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 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling.

### OPTICS

Light guide technology provides a diffused light source, reducing glare from direct view of the LEDs. The light source is recessed into the luminaire, further reducing the high angle glare from the luminaire. A combination of precision molded micro prismatic acrylic lenses and back reflectors provide five different photometric distributions tailored specifically to parking garage applications. Up-light option comes with a dedicated light engine and custom optic designed to efficiently spread light on to the ceiling, thus reducing the cave effect.

### ELECTRICAL

Light engine consists of high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L89/100,000 hours at 25°C). The electronic driver has a power factor of >90%, THD <20%, and a minimum 6.0 KV surge rating. When ordering the SPD10KV option, a separate 10kV (5kA) surge protection device is installed within the luminaire which meets a minimum Category C low operation (per ANSI/IEEE C62.41.2).

### INSTALLATION

Standard configuration accepts a rigid or free-swinging 3/4" NPT stem for pendant mounting. The surface mount option attaches to a 4x4" recessed or surface mount outlet box using a quick-mount kit (included); kit contains galvanized steel luminaire and outlet box plates and a full pad gasket. Kit has an integral mounting support that allows the luminaire to hinge down for easy electrical connections. Luminaire and plates are secured with set screws. Also, available with a yoke/trunnion mount option with 3/4" NPT provision for flexible conduit entry (conduit by others); height can be adjusted from 10-18". Supply leads are 24" in length as standard. Longer supply leads are available as additional options. Design can withstand up to a 3.0 G vibration load rating per ANSI C136.31.

### LISTINGS

CSA certified to U.S. and Canadian standards. IP66 rated for outdoor applications. PIR options are rated for wet location. Rated for -40°C minimum ambient. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL) to confirm which versions are qualified.

### WARRANTY

5-year limited warranty. Complete warranty terms located at:  
[www.acuitybrands.com/support/customer-support/terms-and-conditions](http://www.acuitybrands.com/support/customer-support/terms-and-conditions)

**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.







# WDGE1 LED

## Architectural Wall Sconce



Catalog  
Number

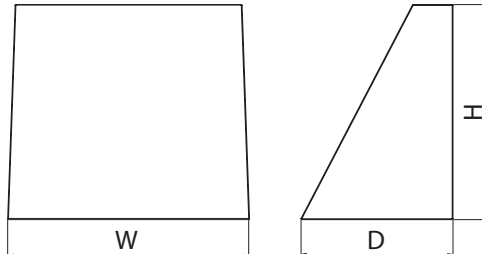
Notes

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

### Specifications

**Depth:** 5.5"  
**Height:** 8"  
**Width:** 9"  
**Weight:** 9 lbs  
(without options)



### Introduction

The WDGE LED family is designed to meet specifier's every wall-mounted lighting need in a widely accepted shape that blends with any architecture. The clean rectilinear design comes in four sizes with lumen packages ranging from 1,200 to 25,000 lumens, providing true site-wide solution.

WDGE1 delivers up to 2,000 lumens with a soft, non-pixelated light source, creating a visually comfortable environment. The compact size of WDGE1, with its integrated emergency battery backup option, makes it an ideal over-the-door wall-mounted lighting solution.

### WDGE LED Family Overview

Luminaire	Standard EM, 0°C	Cold EM, -20°C	Sensor	Lumens (4000K)					
				P1	P2	P3	P4	P5	P6
WDGE1 LED	4W	--	--	1,200	2,000	--	--	--	--
<a href="#">WDGE2 LED</a>	10W	18W	Standalone / nLight	1,200	2,000	3,000	4,500	6,000	--
<a href="#">WDGE3 LED</a>	15W	18W	Standalone / nLight	7,500	8,500	10,000	12,000	--	--
<a href="#">WDGE4 LED</a>	--	--	Standalone / nLight	12,000	16,000	18,000	20,000	22,000	25,000

### Ordering Information

**EXAMPLE:** WDGE1 LED P2 40K 80CRI VF MVOLT PE DDBXD

Series	Package	Color Temperature	CRI	Distribution	Voltage	Mounting
WDGE1 LED	P1 P2	27K 2700K 30K 3000K 35K 3500K 40K 4000K 50K <sup>1</sup> 5000K	80CRI 90CRI	VF Visual comfort forward throw VW Visual comfort wide	MVOLT 347 <sup>2</sup>	<b>Shipped included</b> SRM Surface mounting bracket  <b>Shipped separately</b> AWS 3/8inch Architectural wall spacer BBW Surface-mounted back box PBBW Premium surface-mounted back box (top, left, right conduit entry)

Options	Finish
E4WH <sup>3</sup> Emergency battery backup, CEC compliant (4W, 0°C min)	DDBXD Dark bronze
PE <sup>4</sup> Photocell, Button Type	DBLXD Black
DS Dual switching ( comes with 2 drivers and 2 light engines; see page 3 for details)	DNAXD Natural aluminum
DMG 0-10V dimming wires pulled outside fixture (for use with an external control, ordered separately)	DWHXD White
BCE Bottom conduit entry for premium back box (PBBW). Total of 4 entry points.	DSSXD Sandstone
	DDBTXD Textured dark bronze
	DBLTXD Textured black
	DNATXD Textured natural aluminum
	DWHGXD Textured white
	DSSTXD Textured sandstone

### Accessories

Ordered and shipped separately.

WDGEAWS DDBXD U	WDGE 3/8inch Architectural Wall Spacer (specify finish)
WDGE1PBBW DDBXD U	WDGE1 Premium surface-mounted back box (specify finish)
WSBBW DDBXD U	Surface - mounted back box (specify finish)

### NOTES

- 50K not available in 90CRI.
- 347V not available with E4WH, DS or PE.
- E4WH not available with PE or DS.
- PE not available with DS.



COMMERCIAL OUTDOOR

One Lithonia Way • Conyers, Georgia 30012 • Phone: 1-800-705-SERV (7378) • [www.lithonia.com](http://www.lithonia.com)  
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WDGE1 LED  
Rev. 01/07/20



## 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.

Performance Package	System Watts	Dist. Type	27K (2700K, 80 CRI)		30K (3000K, 80 CRI)		35K (3500K, 80 CRI)		40K (4000K, 80 CRI)		50K (5000K, 80 CRI)	
			Lumens	LPW	Lumens	LPW	Lumens	LPW	Lumens	LPW	Lumens	LPW
P1	10W	VF	1,120	112	1,161	116	1,194	119	1,227	123	1,235	123
		VW	1,122	112	1,163	116	1,196	120	1,229	123	1,237	124
P2	15W	VF	1,806	120	1,872	125	1,925	128	1,978	132	1,992	133
		VW	1,809	120	1,876	125	1,929	128	1,982	132	1,996	133

### Electrical Load

Performance Package	System Watts	Current (A)				
		120V	208V	240V	277V	347V
P1	10W	0.082	0.049	0.043	0.038	--
	13W	--	--	--	--	0.046
P2	15W	0.132	0.081	0.072	0.064	--
	18W	--	--	--	--	0.056

### Lumen Multiplier for 90CRI

CCT	Multiplier
27K	0.845
30K	0.867
35K	0.845
40K	0.885
50K	0.898

### 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	1.03
10°C	50°F	1.02
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
40°C	104°F	0.98

### 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.

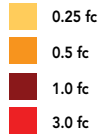
Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	1.0	>0.96	>0.95	>0.91



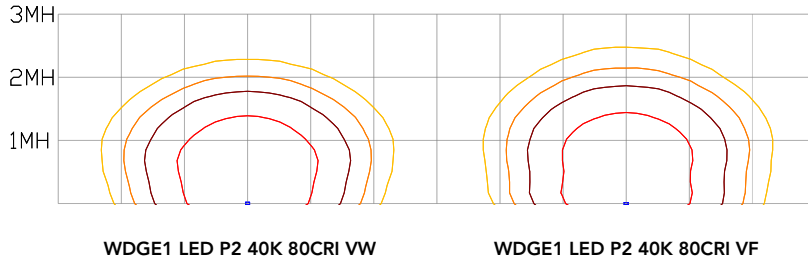
## Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit the Lithonia Lighting WDGE LED homepage.  
Tested in accordance with IESNA LM-79 and LM-80 standards.

### LEGEND



MH = 8ft  
Grid = 8ft x 8ft



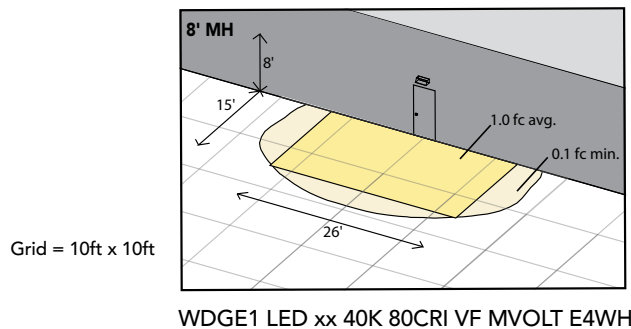
## Emergency Egress Options

### Emergency Battery Backup

The emergency battery backup is integral to the luminaire — no external housing required! This design provides reliable emergency operation while maintaining the aesthetics of the product. All emergency battery backup configurations include an independent secondary driver with an integral relay to immediately detect loss of normal power and automatically energize the luminaire. The emergency battery will power the luminaire for a minimum duration of 90 minutes (maximum duration of three hours) from the time normal power is lost and maintain a minimum of 60% of the light output at the end of 90 minutes.

Applicable codes: NFPA 70/NEC – section 700.16, NFPA 101 Life Safety Code Section 7.9

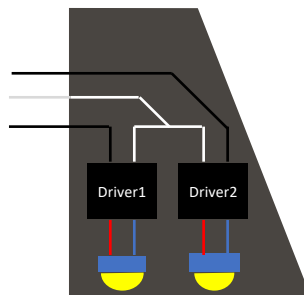
The example below shows illuminance of 1 fc average and 0.1 fc minimum in emergency mode with E4WH and VF distribution.



### Dual Switching (DS) Option

The dual switching option offers operational redundancy that certain codes require. With this option the luminaire comes integrated with two drivers and two light engines. These work completely independent to each other so that a failure of any individual component does not cause the whole luminaire to go dark. This option is typically used with a back generator or inverter providing emergency power.

Applicable codes: NFPA 70/NEC – section 700.16, NFPA 101 Life Safety Code Section 7.9







**E4WH – 4W Emergency Battery Backup**

D = 5.5"

H = 8"

W = 9"



**PBBW – Premium Back Box**

D = 1.75"

H = 8"

W = 9"



**BBW – Standard Back Box**

D = 1.5"

H = 4"

W = 5.5"



**AWS – 3/8inch Architectural Wall Spacer**

D = 0.38"

H = 4.4"

W = 7.5"

## FEATURES & SPECIFICATIONS

### INTENDED USE

Common architectural look, with clean rectilinear shape, of the WDGE LED was designed to blend with any type of construction, whether it be tilt-up, frame or brick. Applications include commercial offices, warehouses, hospitals, schools, malls, restaurants, and other commercial buildings.

### CONSTRUCTION

The single-piece die-cast aluminum housing integrates secondary heat sinks to optimize thermal transfer from the internal light engine heat sinks and promote long life. The driver is mounted in direct contact with the casting for a low operating temperature and long life. The die-cast door frame is fully gasketed with a one-piece solid silicone gasket to keep out moisture and dust, providing an IP66 rating for the luminaire.

### FINISH

Exterior painted 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 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Standard Super Durable colors include dark bronze, black, natural aluminum, sandstone and white. Available in textured and non-textured finishes.

### OPTICS

Well crafted reflector optics allow the light engine to be recessed within the luminaire, providing visual comfort, superior distribution, uniformity, and spacing in wall-mount applications. The WDGE LED 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 consists of high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L91/100,000 hours at 25°C). The electronic driver has a power factor of >90%, THD <20%. Luminaire comes with built in 6kV surge protection, which meets a minimum Category C low exposure (per ANSI/IEEE C62.41.2).

### INSTALLATION

A universal mounting plate with integral mounting support arms allows the fixture to hinge down for easy access while making wiring connections. The 3/8" Architectural Wall Spacer (AWS) can be used to create a floating appearance or to accommodate small imperfections in the wall surface.

### LISTINGS

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