



DEVELOPMENT APPLICATION

City of Rockwall
Planning and Zoning Department
385 S. Goliad Street
Rockwall, Texas 75087

STAFF USE ONLY

PLANNING & ZONING CASE NO. **SP2024-012**

NOTE: THE APPLICATION IS NOT CONSIDERED ACCEPTED BY THE CITY UNTIL THE PLANNING DIRECTOR AND CITY ENGINEER HAVE SIGNED BELOW.

DIRECTOR OF PLANNING:

CITY ENGINEER:

PLEASE CHECK THE APPROPRIATE BOX BELOW TO INDICATE THE TYPE OF DEVELOPMENT REQUEST [SELECT ONLY ONE BOX]:

PLATTING APPLICATION FEES:

- MASTER PLAT (\$100.00 + \$15.00 ACRE)¹
- PRELIMINARY PLAT (\$200.00 + \$15.00 ACRE)¹
- FINAL PLAT (\$300.00 + \$20.00 ACRE)¹
- REPLAT (\$300.00 + \$20.00 ACRE)¹
- AMENDING OR MINOR PLAT (\$150.00)
- PLAT REINSTATEMENT REQUEST (\$100.00)

SITE PLAN APPLICATION FEES:

- SITE PLAN (\$250.00 + \$20.00 ACRE)¹
- AMENDED SITE PLAN/ELEVATIONS/LANDSCAPING PLAN (\$100.00)

ZONING APPLICATION FEES:

- ZONING CHANGE (\$200.00 + \$15.00 ACRE)¹
- SPECIFIC USE PERMIT (\$200.00 + \$15.00 ACRE)^{1 & 2}
- PD DEVELOPMENT PLANS (\$200.00 + \$15.00 ACRE)¹

OTHER APPLICATION FEES:

- TREE REMOVAL (\$75.00)
- VARIANCE REQUEST/SPECIAL EXCEPTIONS (\$100.00)²

NOTES:

¹: IN DETERMINING THE FEE, PLEASE USE THE EXACT ACREAGE WHEN MULTIPLYING BY THE PER ACRE AMOUNT. FOR REQUESTS ON LESS THAN ONE ACRE, ROUND UP TO ONE (1) ACRE.
²: A \$1,000.00 FEE WILL BE ADDED TO THE APPLICATION FEE FOR ANY REQUEST THAT INVOLVES CONSTRUCTION WITHOUT OR NOT IN COMPLIANCE TO AN APPROVED BUILDING PERMIT.

PROPERTY INFORMATION [PLEASE PRINT]

ADDRESS **1775 AIRPORT RD.**

SUBDIVISION **DAVID HARR SURVEY ABSTRACT 102**

LOT

BLOCK

GENERAL LOCATION **NEXT TO MUNIC. AIRPORT**

ZONING, SITE PLAN AND PLATTING INFORMATION [PLEASE PRINT]

CURRENT ZONING **LIGHT INDUSTRIAL**

CURRENT USE **N/A**

PROPOSED ZONING **SAME**

PROPOSED USE **OFFICE WHSE**

ACREAGE **6.68 AC**

LOTS [CURRENT] **1**

LOTS [PROPOSED] **1**

SITE PLANS AND PLATS: BY CHECKING THIS BOX YOU ACKNOWLEDGE THAT DUE TO THE PASSAGE OF HB3167 THE CITY NO LONGER HAS FLEXIBILITY WITH REGARD TO ITS APPROVAL PROCESS, AND FAILURE TO ADDRESS ANY OF STAFF'S COMMENTS BY THE DATE PROVIDED ON THE DEVELOPMENT CALENDAR WILL RESULT IN THE DENIAL OF YOUR CASE.

OWNER/APPLICANT/AGENT INFORMATION [PLEASE PRINT/CHECK THE PRIMARY CONTACT/ORIGINAL SIGNATURES ARE REQUIRED]

OWNER **TEXAS PRODUCT, LLC**

APPLICANT **CARROLL ARCHITECTS, INC.**

CONTACT PERSON **FRANK CONSELMAN**

CONTACT PERSON **JEFF CARROLL**

ADDRESS **3925 RUGER DR**

ADDRESS **750 E. INTERSTATE 30**

STE: 110

CITY, STATE & ZIP **ROYSE CITY, TX 75189**

CITY, STATE & ZIP **ROCKWALL, TX 75087**

PHONE **469.323.1937**

PHONE **214.632.1762**

E-MAIL **FRANK@TEXASPRODUCTS.COM**

E-MAIL **JCE@CARROLLARCH.COM**

NOTARY VERIFICATION [REQUIRED]

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED Jeff Carroll [OWNER] THE UNDERSIGNED, WHO STATED THE INFORMATION ON THIS APPLICATION TO BE TRUE AND CERTIFIED THE FOLLOWING:

"I HEREBY CERTIFY THAT I AM THE OWNER FOR THE PURPOSE OF THIS APPLICATION; ALL INFORMATION SUBMITTED HEREIN IS TRUE AND CORRECT, AND THE APPLICATION FEE OF \$ MARCH TO COVER THE COST OF THIS APPLICATION, HAS BEEN PAID TO THE CITY OF ROCKWALL ON THIS THE 15th DAY OF MARCH, 2024 BY SIGNING THIS APPLICATION, I AGREE THAT THE CITY OF ROCKWALL (I.E. "CITY") IS AUTHORIZED AND PERMITTED TO PROVIDE INFORMATION CONTAINED WITHIN THIS APPLICATION TO THE PUBLIC. THE CITY IS ALSO AUTHORIZED AND PERMITTED TO REPRODUCE ANY COPYRIGHTED INFORMATION SUBMITTED IN CONJUNCTION WITH THIS APPLICATION, IF SUCH REPRODUCTION IS ASSOCIATED OR IN RESPONSE TO A REQUEST FOR PUBLIC INFORMATION."

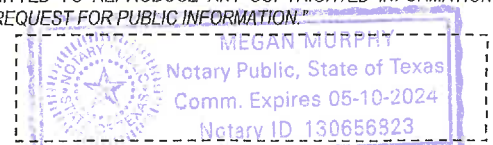
GIVEN UNDER MY HAND AND SEAL OF OFFICE ON THIS THE 15th DAY OF March, 2024

Applicant's

OWNER'S SIGNATURE

Jeff Carroll
M. Murphy

NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS




MY COMMISSION EXPIRES

5-10-24



SP2024-012: Site Plan for 1735 Airport Road



Case Location Map = 



City of Rockwall

Planning & Zoning Department
385 S. Goliad Street
Rockwall, Texas 75087
(P): (972) 771-7745
(W): www.rockwall.com

The City of Rockwall GIS maps are continually under development and therefore subject to change without notice. While we endeavor to provide timely and accurate information, we make no guarantees. The City of Rockwall makes no warranty, express or implied, including warranties of merchantability and fitness for a particular purpose. Use of the information is the sole responsibility of the user.



MICHAEL L. PEOPLES JR.
& SHERYL PEOPLES
INST. NO. 2019000013271
O.P.R.R.C.T.

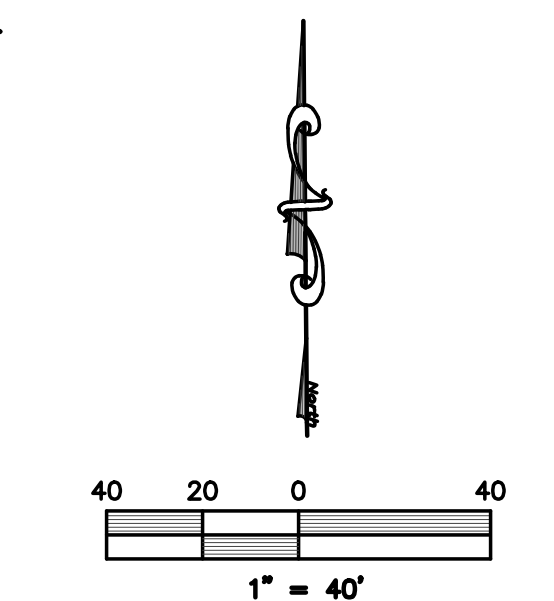
NOTE:
THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING THE LOCATION OF ALL EXISTING UTILITIES AND EASEMENTS PRIOR TO START OF OPERATIONS. CONTRACTOR WILL NOTIFY THE OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES PRIOR TO STARTING THE WORK. EXISTING UTILITIES AND UNDERGROUND FACILITIES INDICATED ON THESE PLANS HAVE BEEN LOCATED FROM REFERENCE INFORMATION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY BOTH THE HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UTILITIES AND UNDERGROUND FACILITIES PRIOR TO START OF CONSTRUCTION. TAKE THE NECESSARY PRECAUTIONS IN ORDER TO PROTECT ALL FACILITIES ENCOUNTERED. THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION.

- PAVING NOTES:**
- 1) APPROACHES TO BE 8" THICK, 4200 psi, 7.5 SACK MIX, REINFORCED WITH #3 BARS @ 18" ON CENTER. (O.C.)
 - 2) FIRELANE TO BE 6" THICK, 3600 psi, 6.5 SACK MIX, REINFORCED WITH #3 BARS @ 18" ON CENTER. (O.C.)
 - 3) DUMPSTER PAD TO BE 7" THICK, 3600 psi, 6.5 SACK MIX, REINFORCED WITH #3 BARS @ 18" ON CENTER. (O.C.)
 - 4) ALL OTHER (NON-FIRELANE) PAVING CAN BE 6" THICK (SIDEWALK TO BE 4"), 3000 psi, 6 SACK MIX, REINFORCED WITH #3 BARS @ 18" O.C.
 - 5) ALL FILL (IF REQUIRED) SHALL BE PLACED ON 8" LIFTS AND COMPACTED TO 95% OF STD. PROCTOR @ MOISTURE RANGE OF 0% TO +6% OF OPTIMUM MOISTURE. (UNLESS OTHERWISE NOTED) USING A SHEEPS-FOOT ROLLER.
 - 6) SIDEWALK TO BE 4" THICK CONCRETE, 3000 psi, 5.5 SACK MIX IN R.O.W.
 - 7) NO SAND UNDER PAVING.
 - 8) NO PAVING, INCLUDING SLAB, TO BE INSTALLED UNTIL THE DETENTION SYSTEM(S) ARE FULLY INSTALLED FUNCTIONALLY, PER PLAN, & HAVE ANCHORED SEEDED CURLEX OR SOD ON THE SIDES & BOTTOM OF POND

- NOTES:**
- 1) ALL WORK MUST CONFORM TO CITY OF ROCKWALL & NCTCOG STANDARDS AND DETAILS 5th EDITION.
 - 2) ALL WORK IN PUBLIC RIGHT-OF-WAY SHALL CONFORM TO CITY OF ROCKWALL STANDARDS AND DETAILS
 - 3) SEE PLAT FOR ALL INFORMATION REGARDING EASEMENTS, PROPERTY LINES, ETC.
 - 4) ALL DIMENSIONS ARE FACE OF CURB TO FACE OF CURB UNLESS OTHERWISE NOTED.

INSTALL 14LF OF 6" PVC CLASS 200:
(1) 8"x6" TAPPING SLEEVE
(1) 6" VALVE
(1) FH ASSEMBLY IN ESMT

**** NOTICE TO CONTRACTORS ****
TOPOGRAPHIC INFORMATION TAKEN FROM A TOPOGRAPHIC SURVEY PERFORMED BY TEXAS HERITAGE SURVEYING, LCC OF DALLAS, TEXAS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY, IN WRITING, OF ANY DISCREPANCIES OR OMISSIONS TO THE TOPOGRAPHIC INFORMATION. THE CONTRACTOR(S) SHALL BE RESPONSIBLE FOR CONFIRMING THE LOCATION (HORIZONTAL/VERTICAL) OF ANY BURIED CABLES, CONDUITS, PIPES, AND STRUCTURES (STORM SEWER, SANITARY SEWER, WATER, GAS, TELEVISION, TELEPHONE, ETC.) WHICH IMPACT THE CONSTRUCTION SITE. THE CONTRACTOR(S) SHALL NOTIFY THE OWNER AND ENGINEER IF ANY DISCREPANCIES ARE FOUND BETWEEN THE ACTUAL CONDITIONS VERSUS THE DATA CONTAINED IN THE CONSTRUCTION PLANS. ANY COSTS INCURRED AS THE RESULT OF NOT CONFIRMING THE ACTUAL LOCATION (HORIZONTAL/VERTICAL) OF SAID CABLES, CONDUITS, PIPES, AND STRUCTURES SHALL BE BORNE BY THE CONTRACTOR. ADDITIONALLY, THE CONTRACTOR(S) SHALL NOTIFY THE OWNER AND ENGINEER IF ANY ERRORS OR DISCREPANCIES ARE FOUND ON THE CONSTRUCTION DOCUMENTS (PS&E), WHICH NEGATIVELY IMPACT THE PROJECT. ENGINEER AND OWNER SHALL BE INDEMNIFIED OF PROBLEMS AND/OR COST WHICH MAY RESULT FROM CONTRACTOR'S FAILURE TO NOTIFY ENGINEER AND OWNER.



LEGEND

---	= PROPERTY LINE
SS	= EXISTING SANITARY SEWER LINE
W	= EXISTING WATER LINE
G	= EXISTING GAS LINE
FH	= EXISTING FIRE HYDRANT
WM	= EXISTING WATER METER
PP	= EXISTING POWER POLE
LP	= EXISTING LIGHT POLE
T	= EX. WATER VALVE
⊙	= EXISTING SEWER MANHOLE
⊙	= EXISTING GAS METER
B-B	= BACK OF CURB TO BACK OF CURB
EXIST. or EX.	= EXISTING
PROP.	= PROPOSED
LS	= LANDSCAPE
RCP	= REINFORCED CONCRETE PIPE
min	= MINIMUM
max	= MAXIMUM
⊙	= PROPOSED FIRE HYDRANT
---	= PROPOSED FIRELANE

SITE DATA:

LOT AREA:
6.685 Acres, 291,202 sq.ft.
LOT COVERAGE:
14.76%
FLOOR TO AREA RATIO:
6.78:1
BUILDING AREA:
Office: 8,399 sq.ft.
Warehouse: 35,575 sq.ft.
Total: 42,974 sq.ft.
BUILDING HEIGHT:
1 STORY
PROPOSED FUTURE USE:
Office
IMPERVIOUS AREA (including buildings):
55,535 sq.ft.
ZONING:
PD-10/C
PARKING:
Required:
Office (1/300sf) = 28
Warehouse (1/1000sf) = 36
Handicap = 3
Provided:
Standard = 60
Handicap = 4
Total Provided = 64
LANDSCAPE AREA:
Required: (20%)
Provided: sq.ft.
FIRESPRINKLER:
YES
* THERE ARE NO EXIST. BUILDINGS ON THIS SITE
* THERE ARE TREES ON THIS SITE

CITY OF ROCKWALL
VOL. 4358, PG. 101
O.P.R.R.C.T.

STA: 0+22
INSTALL NEW 4' MH
FL (IN) =565.1
FL (OUT) =565.0

STA: 2+27
INSTALL NEW 4' MH
W/ 81 LF OF PRIVATE
6" SDR-35 WASTEWATER
LATERAL W/ DBL
CLEANOUT @ BLDG
FL (IN) =567.25
FL (OUT) =567.15

FOR IRRIGATION SERVICE INSTALL:
(1) 1" WATER LINE
(1) 1" METER BOX
INSTALL METER IN ESMT.
& BACKFLOW PREVENTOR

FOR DOMESTIC SERVICE INSTALL:
(1) 2" WATER LINE
(1) 2" METER BOX
INSTALL METER IN ESMT.
& BACKFLOW PREVENTOR

INSTALL 39LF OF 6" PVC CLASS 200:
(1) 8"x6" TAPPING SLEEVE
(1) 6" VALVE
(1) FH ASSEMBLY IN ESMT

PROP. CONCRETE ENTRANCE, SAWCUT & REMOVE EX. CURB (1) CONST. LONGITUDINAL BUTT JOINT PER CITY STDS.

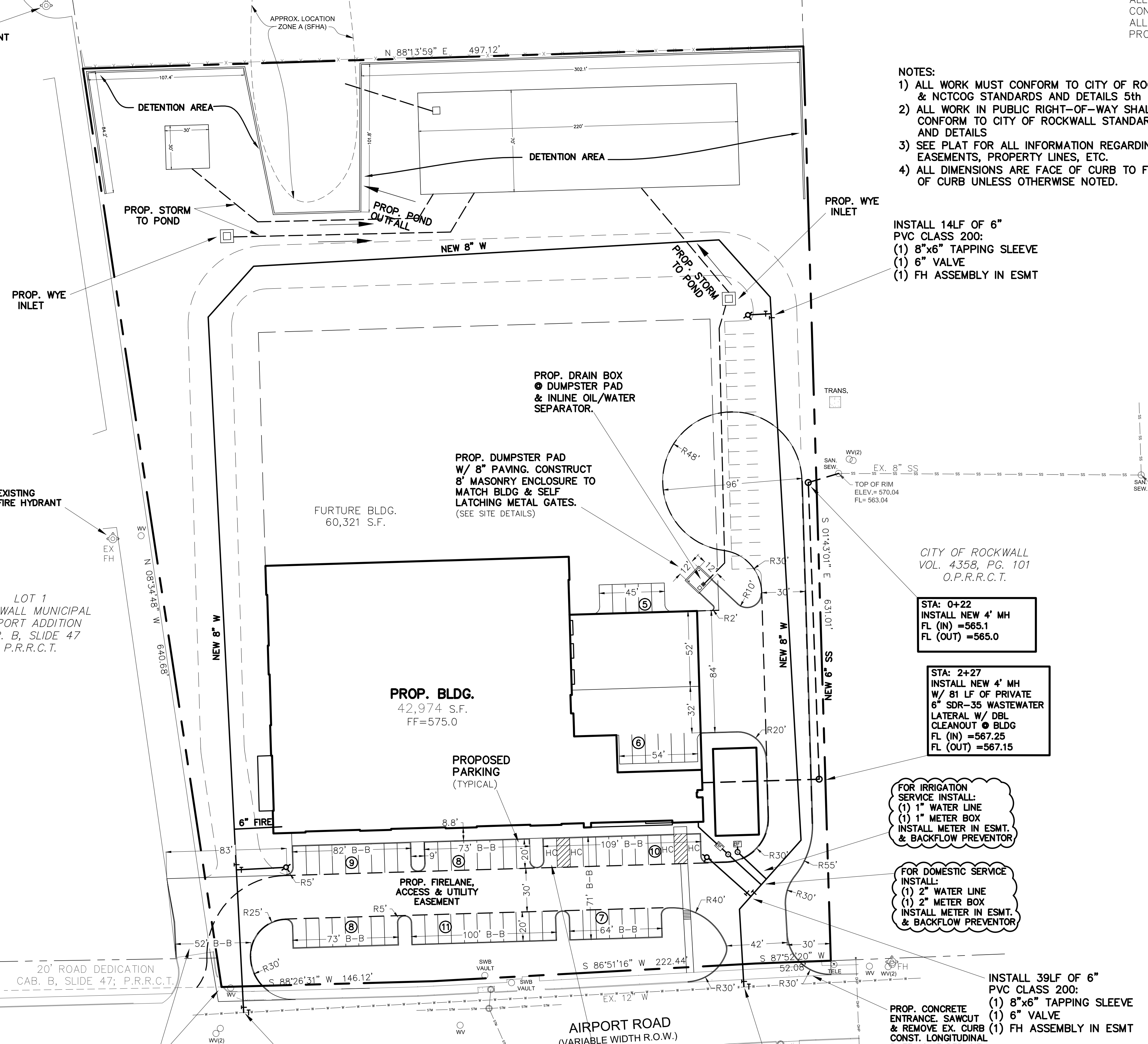
SITE PLAN SIGNATURE BLOCK

APPROVED:
I hereby certify that the above and foregoing site plan for a development in the City of Rockwall, Texas, was approved by the Planning & Zoning Commission of the City of Rockwall on the _____ day of _____, _____.

WITNESS OUR HANDS, this _____ day of _____, _____.

Planning & Zoning Commission, Chairman

Director of Planning and Zoning



PROP. CONCRETE MUTUAL ENTRANCE. REMOVE EX. CURB & REPLACE EX. ENTRANCE AS NEEDED CONST. LONGITUDINAL BUTT JOINT PER CITY STDS.

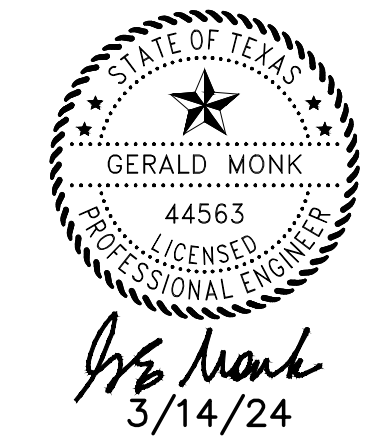
INSTALL 8" WATER LINE:
(1) 12"x8" SADDLE TAP
(1) 8" VALVE

HANDICAP PARKING W/ WHEELSTOP & SIGN (TYP)

INSTALL 8" WATER LINE:
(1) 12"x8" SADDLE TAP
(1) 8" VALVE

LOT 1
ROCKWALL MUNICIPAL AIRPORT ADDITION
CAB. B, SLIDE 47
P.R.R.C.T.

20' ROAD DEDICATION
CAB. B, SLIDE 47; P.R.R.C.T.



CASE #: SP2024-

SITE PLAN

TEXAS PRODUCTS CORPORATE OFFICE

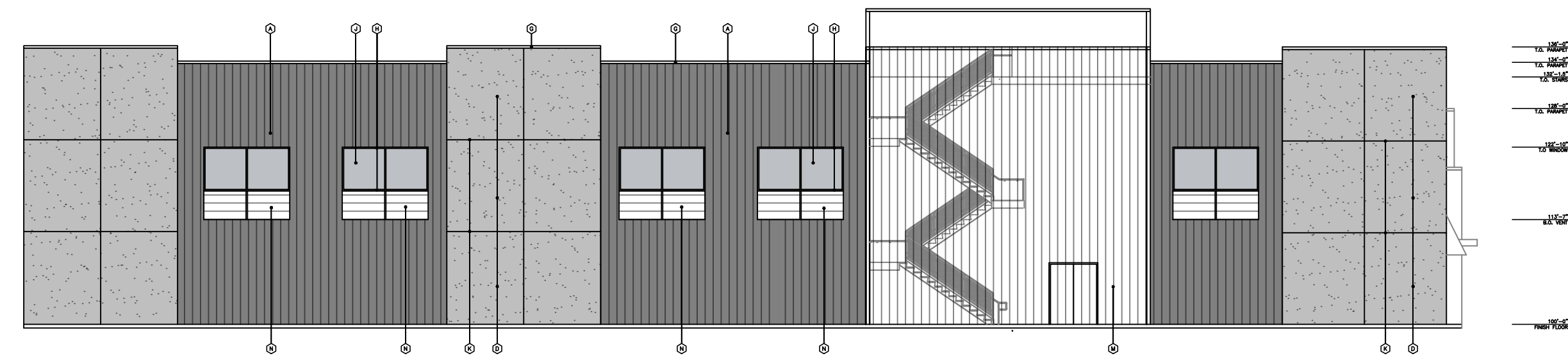
1775 AIRPORT ROAD
David Harr Survey, Abstract No. 102,
6.685 ACRES
City of Rockwall, Rockwall County, Texas

OWNER
TEXAS PRODUCTS
Rockwall, Texas
Contact: Jeff Carroll (972)732-6085

prepared by
MONK CONSULTING ENGINEERS, INC.
1200 W. State Street, Garland Texas 75040
972 272-1763 Fax 972 272-8761

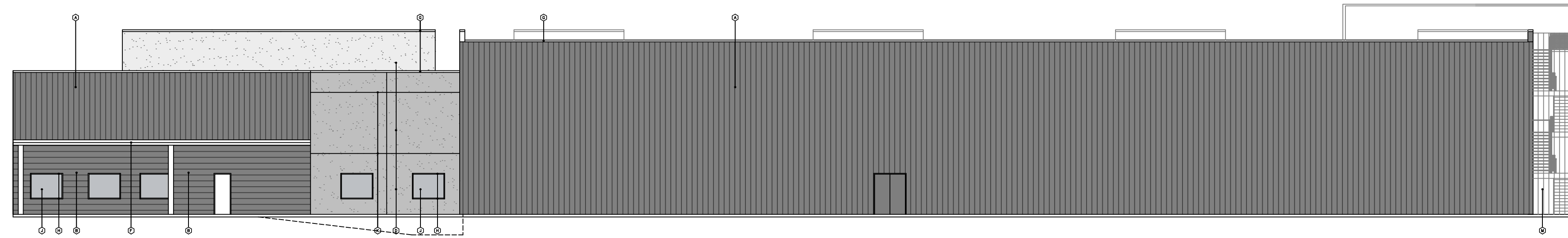
REG NO.: F-2567
©2024 by Monk Consulting Engineers, Inc., All Rights Reserved.

date: 3/14/24 scale: 1" = 20' sheet: C101



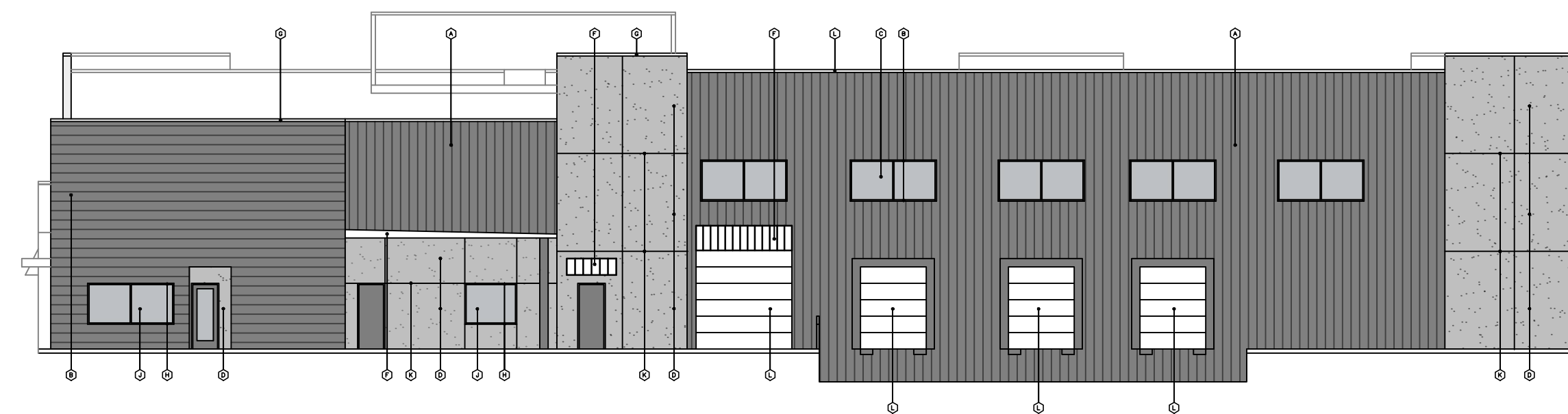
MTL SIDING - 2,407 S.F. - 41%
 STUCCO - 2,193 S.F. - 37%
 MTL SCREEN - 1,332 S.F. - 22%
 TOTAL - 5,932 S.F. - 100%

4 WEST ELEVATION
 SCALE: 1/16" = 1' - 0"



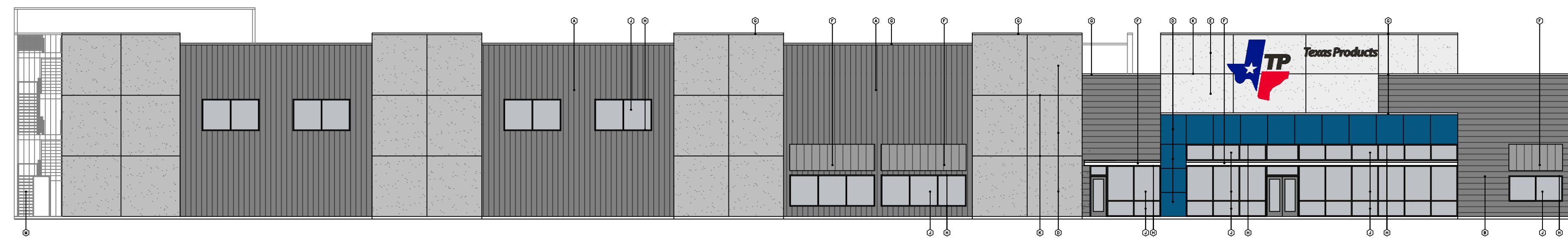
MTL SIDING - 8,416 S.F. - 92%
 STUCCO - 744 S.F. - 8%
 TOTAL - 9,160 S.F. - 100%

3 NORTH ELEVATION
 SCALE: 1/16" = 1' - 0"



MTL SIDING - 3,771 S.F. - 74%
 STUCCO - 1,329 S.F. - 26%
 TOTAL - 5,100 S.F. - 100%

2 EAST ELEVATION
 SCALE: 1/16" = 1' - 0"



MTL SIDING - 4,074 S.F. - 49%
 STUCCO - 3,900 S.F. - 46%
 ALUCOBOND - 410 S.F. - 5%
 TOTAL - 8,384 S.F. - 100%

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

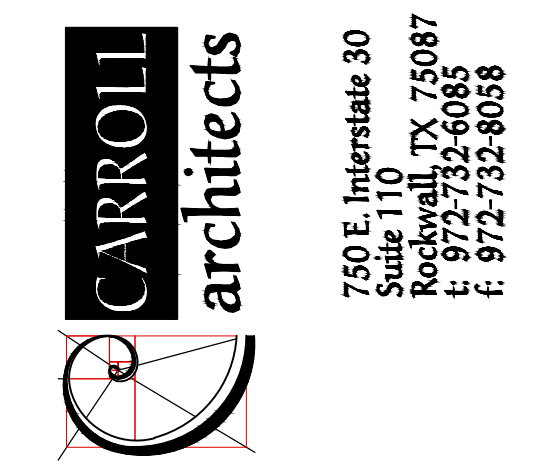
EXTERIOR FINISH SCHEDULE	
A	EXTERIOR METAL, SIDING PANELS, VERTICAL, COLOR - BLACK
B	EXTERIOR METAL, SIDING PANELS, HORIZONTAL, COLOR - BLACK
C	ALUCOBOND METAL PANEL, SIZE AS SHOWN, COLOR INTERSTATE BLUE - MFG PAC-CLAD
D	STUCCO: (3 PART SYSTEM) W/ ELASTOMERIC FINISH COAT - COLOR - SW 9163 TIN LIZZIE
E	STUCCO: (3 PART SYSTEM) W/ ELASTOMERIC FINISH COAT - COLOR - SW 7661 REFLECTION @ LOGO PANEL
F	AWNINGS: PREFINISHED MTL AWNINGS PANELS, COLOR - GREY
G	PREFINISHED METAL COPING COLOR - GREY
H	ALUMINUM STOREFRONT, COLOR - ANODIZED ALUM
J	GLAZING: DOUBLE PANE INSULATED, LOW E GLASS W/ WINDOW TINTED @ 20% - BLUE
K	STUCCO: CONTROL JOINTS AS SHOWN
L	OVERHEAD SECTIONAL DOOR, COLOR - MED GREY
M	STAIR SCREEN
N	METAL VENTS, COLOR - BLACK

NOTES:
 1. ALL MECHANICAL EQUIPMENT IS BEHIND PARAPET WALLS
 2. ALL PARAPET WALLS WILL BE FINISHED ON BACK SIDE

ISSUE:	
SITE PLAN:	03-15-2024

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NEW OFFICE/WAREHOUSE FOR
TEXAS PRODUCTS
 CORPORATE OFFICE
 1775 Airport Road
 Rockwall, Texas 75087



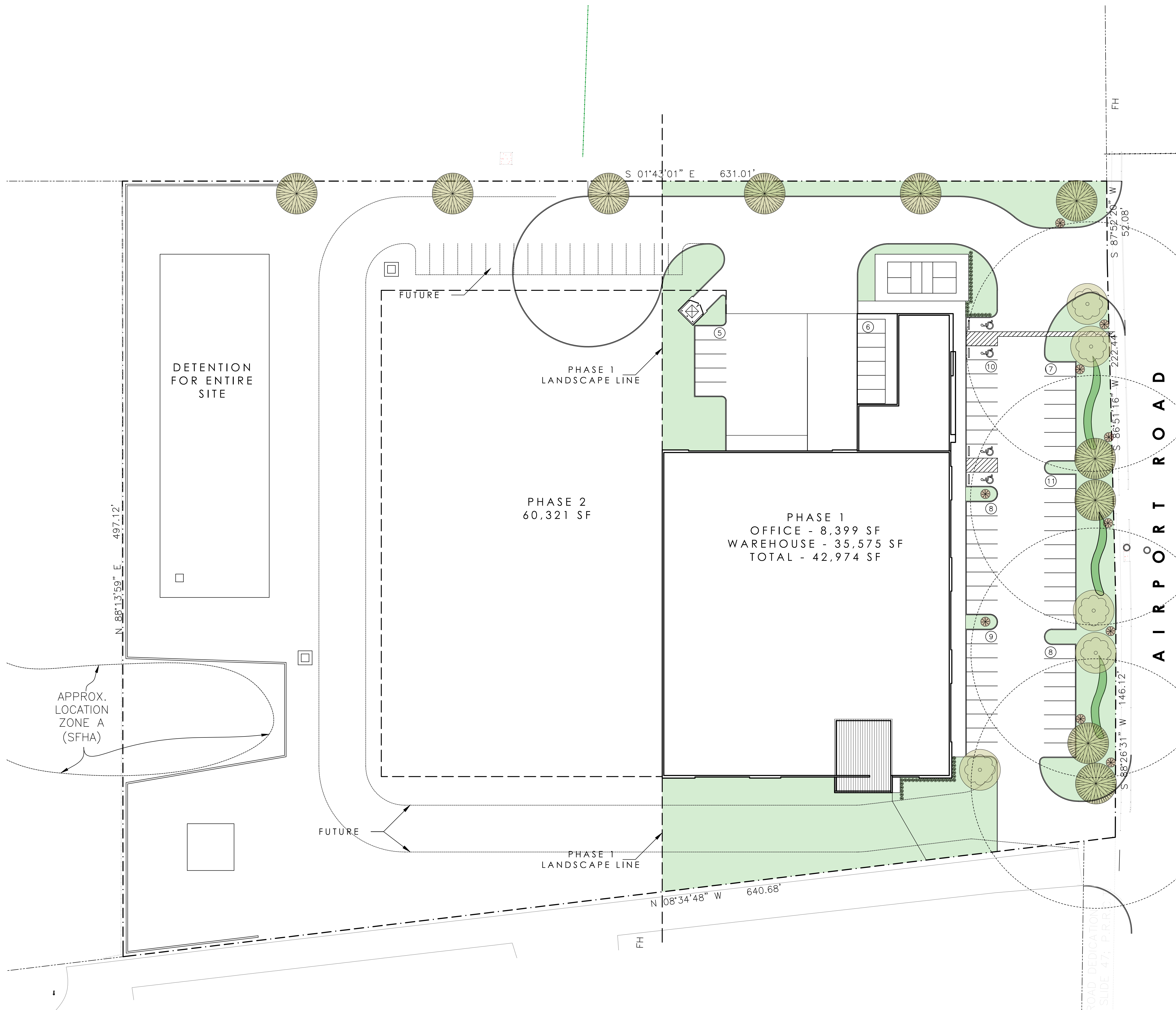
EXTERIOR ELEVATIONS

CITY OF ROCKWALL CASE NUMBER: SP2024-XXX	
LEGAL DESCRIPTION AND/OR ADDRESS: DAVID HARR SURVEY, ABSTRACT # 102, ROCKWALL, COUNTY, TEXAS. CONVEYED FROM JO ANN ATHEY, GUARDIAN TO ADD REAL ESTATE, LTD.	
Mr. Frank Conselman Texas Products, LLC 3925 Rugor Dr. Royse City, TX 75189	OWNER
Carroll Architects, INC. 750 E. Interstate 30 #110 Rockwall, TX 75087 P: 972-732-6085 E: j@carrollarch.com ATTN: Jeff Carroll	APPLICANT
SITE PLAN SIGNATURE BLOCK	
APPROVED: I hereby certify that the above and foregoing site plan for a development in the City of Rockwall, Texas, was approved by the Planning & Zoning Commission of the City of Rockwall on the _____ day of _____.	
WITNESS OUR HANDS, this _____ day of _____.	
Planning & Zoning Commission, Chairman	
Director of Planning and Zoning	

DATE: MAR 2024 SHEET NO:
 PROJECT NO: 2023083
 DRAWN BY: JZ
 CHECKED BY: A501



 Texas Products



SITE DATA TABLE	
SITE AREA PHASE 1	2.9 ACRES (126,462 S.F.)
ZONING	LI LIGHT INDUSTRIAL
PROPOSED USE	OFFICE/WAREHOUSE
BUILDING AREA PHASE 1: OFFICE - WAREHOUSE -	42,974 S.F. 8,399 S.F. 35,575 S.F.
LOT COVERAGE (GROSS AREA)	34%
FLOOR TO AREA RATIO	
BUILDING HEIGHT MAX.	60'-0"

LANDSCAPE TABULATION	
NET AREA PHASE 1	2.9 ACRES (126,462 S.F.)
REQUIRED LANDSCAPE AREA-- 20% OF 126,462 S.F.	25,292.4 S.F.
PROVIDED LANDSCAPE AREA-- 25% OF 126,462 S.F.	31,081 S.F.
IMPERVIOUS COVERAGE-- 75% OF 126,462 S.F.	95,381 S.F.

NOTES:
 - Irrigation shall be provided to all landscaped areas.
 - Tree mitigation for this project for existing trees on this property.
 - All perimeter parking are within 50'-0" of a shade tree.
 - No trees within 5' of public utilities less than 10'.
 - No trees within 10' of public utilities 10' or greater

TREE/SHRUB LEGEND	
TREES, INSTALLED W/ MINIMUM 4" CALIPER	
	CEEDAR ELM
	BALD CYPRESS (DETENTION POND)
	WINTER BOXWOOD (SHRUB) 5 GALLON Ø INSTALLATION
	BURM
	DESERT WILLOW

NOTE: THE IRRIGATION WILL MEET THE REQUIREMENTS OF THE UNIFIED DEVELOPMENT CODE (UDC). (Subsection 05.04, of Article 08)

- GENERAL NOTES:
- REQUIRED LANDSCAPE AREAS SHALL BE IRRIGATED BY AN AUTOMATIC UNDERGROUND IRRIGATION SYSTEM; PROVIDED HOWEVER, THAT A HOSE BIB SYSTEM MAY BE USED FOR IRRIGATION WHEN A LANDSCAPE AREA IS LESS THAN 1,000 SQUARE FEET IN SIZE AND WHEN ALL PORTIONS OF THE AREA ARE WITHIN 50'-FEET OF A HOSE ATTACHMENT. SYSTEM SHALL HAVE FREEZE GUARD AND RAINSTAT.
 - ALL AREAS NOT SHOWN AS SPECIFIC PLANT MATERIAL SHALL BE HYDROMULCHED BERMUDA, EXCEPT FOR UNDISTURBED SITE AREA.
 - OWNER MAY SUBSTITUTE TYPES OF TREES. THE OWNER SHALL SELECT TYPES FROM CITY APPROVED TREE LIST ORDINANCE.
 - CONTRACTOR SHALL SUPPLY SLEEVES AS NEEDED FOR IRRIGATION.
 - CONTRACTOR TO VERIFY LOCATION OF IRRIGATION CONTROL W/ OWNER.
 - DUMPSTER IS NOT REQUIRED FOR THIS PROJECT. - PROVIDED
 - ALL LANDSCAPE BUFFERS AND PUBLIC RIGHT-OF-WAY LOCATED ADJACENT TO A PROPOSED DEVELOPMENT SHALL BE IMPROVED WITH GRASS.
 - THE DEVELOPER SHALL ESTABLISH GRASS AND MAINTAIN THE SEEDED AREA, INCLUDING WATERING, UNTIL A "PERMANENT STAND OF GRASS" IS OBTAINED.
 - NO TREE SHALL BE PLANTED CLOSER THAN FIVE (5) FEET TO EDGE OF PAVEMENT OR FIVE (5) FEET FROM ANY WATER OR WASTEWATER LINE THAT IS LESS THAN 12 INCHES. WATER AND WASTEWATER LINES THAT ARE 12 INCHES AND GREATER REQUIRE TREES TO BE PLANTED A MINIMUM OF TEN (10) FEET FROM THE CENTERLINE OF THE PIPE. TREES MUST BE (5) FEET FROM ALL UTILITIES.
 - ALL PARKING SPACES ARE WITHIN 80' OF A TREE

CITY OF ROCKWALL CASE NUMBER:
SP2024-XXX

LEGAL DESCRIPTION AND/OR ADDRESS:
DAVID HARR SURVEY, ABSTRACT # 102,
ROCKWALL, COUNTY, TEXAS.
CONVEYED FROM JO ANN ATHEY,
GUARDIAN TO ADD REAL ESTATE, LTD.

OWNER
Mr. Frank Conselman
Texas Products, LLC
5925 Rugar Dr.
Royse City, TX 75189

APPLICANT
Carroll Architects, INC.
750 E. Interstate 30 #110
Rockwall, TX 75087
P: 972-732-6085
E: jc@carrollarch.com
ATTN: Jeff Carroll

SITE PLAN SIGNATURE BLOCK

APPROVED:
I hereby certify that the above and foregoing site plan for a development in the City of Rockwall, Texas, was approved by the Planning & Zoning Commission of the City of Rockwall on the _____ day of _____.

WITNESS OUR HANDS, this _____ day of _____.

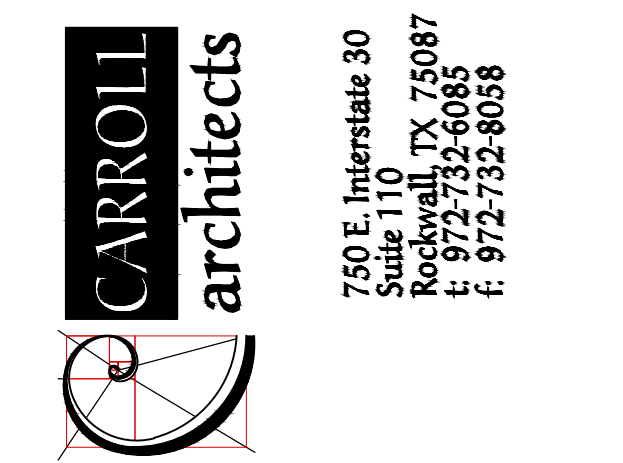
Planning & Zoning Commission, Chairman
Director of Planning and Zoning

ISSUE:

NO.	DATE	DESCRIPTION
03-15-2024		

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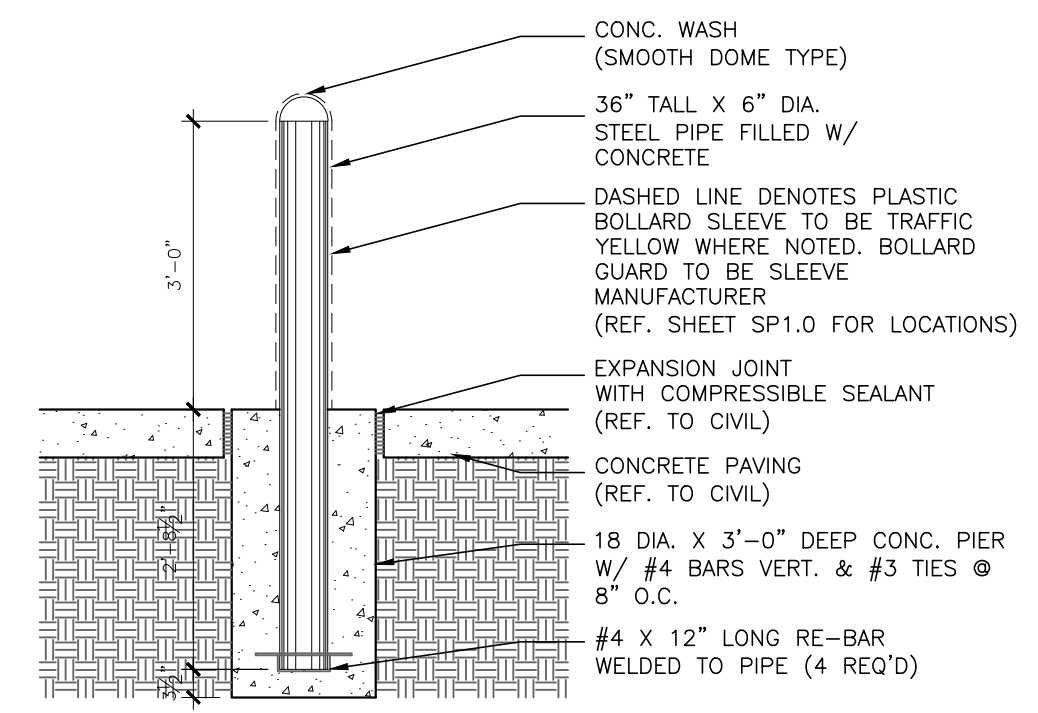
NEW OFFICE/WAREHOUSE FOR
TEXAS PRODUCTS
CORPORATE OFFICE
1775 Airport Road
Rockwall, Texas 75087



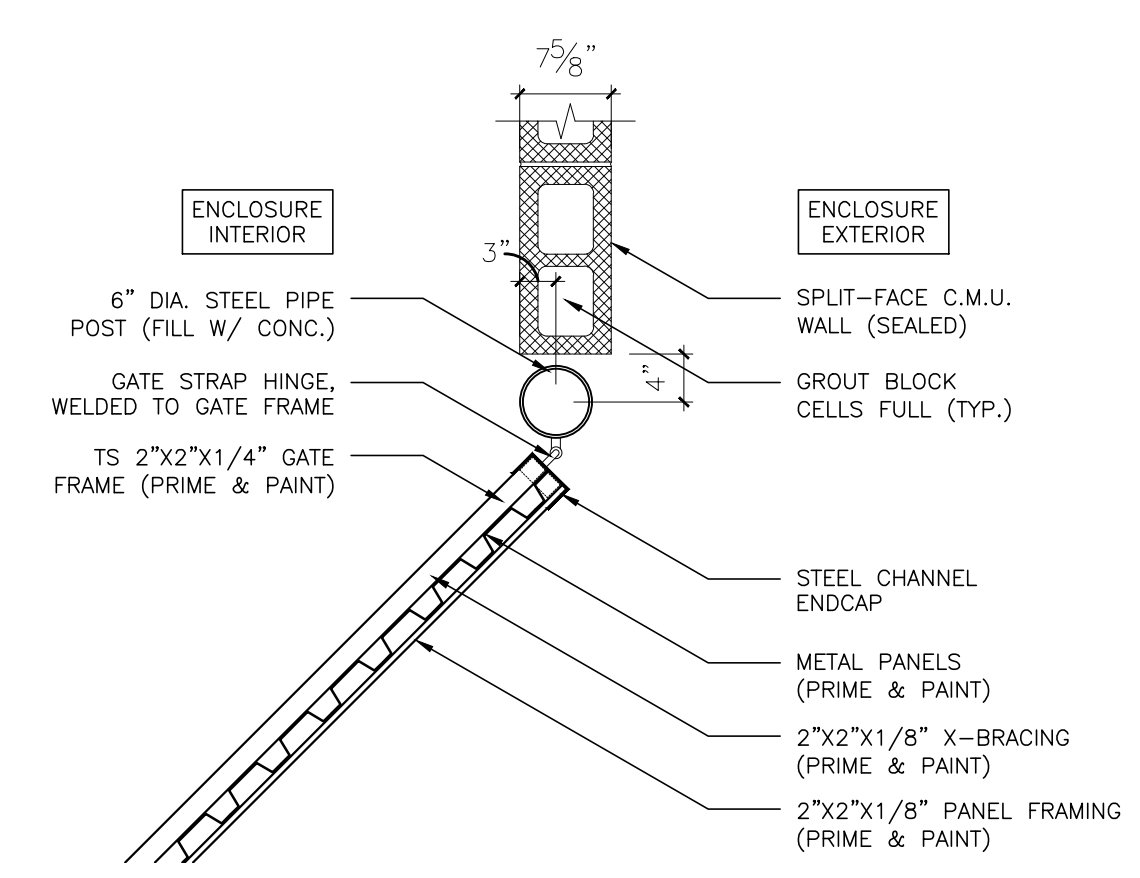
LANDSCAPE
SITE PLAN

DATE: MAR 2024 SHEET NO: A100
 PROJECT NO: 2023083
 DRAWN BY: ZJ
 CHECKED BY:

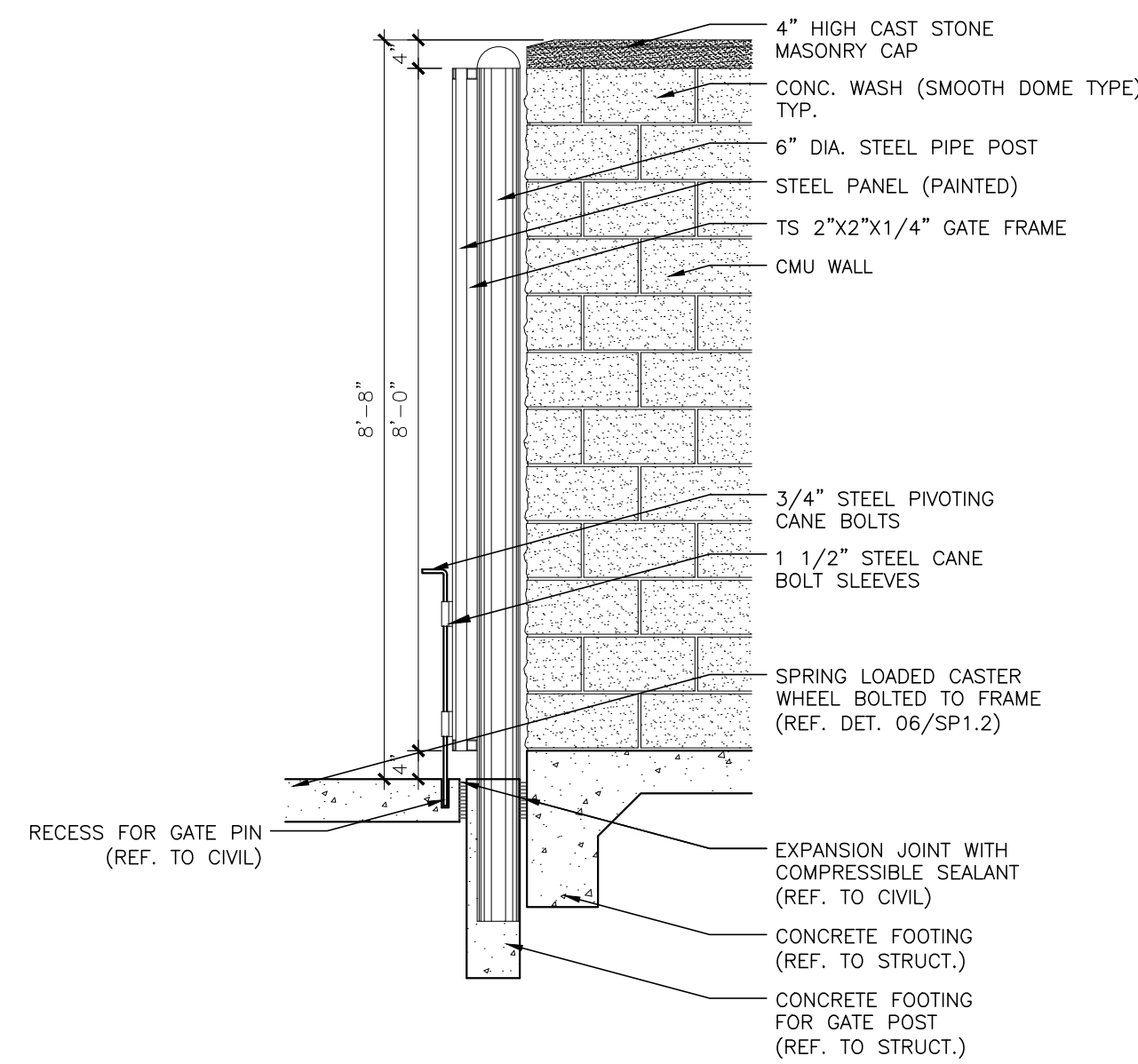
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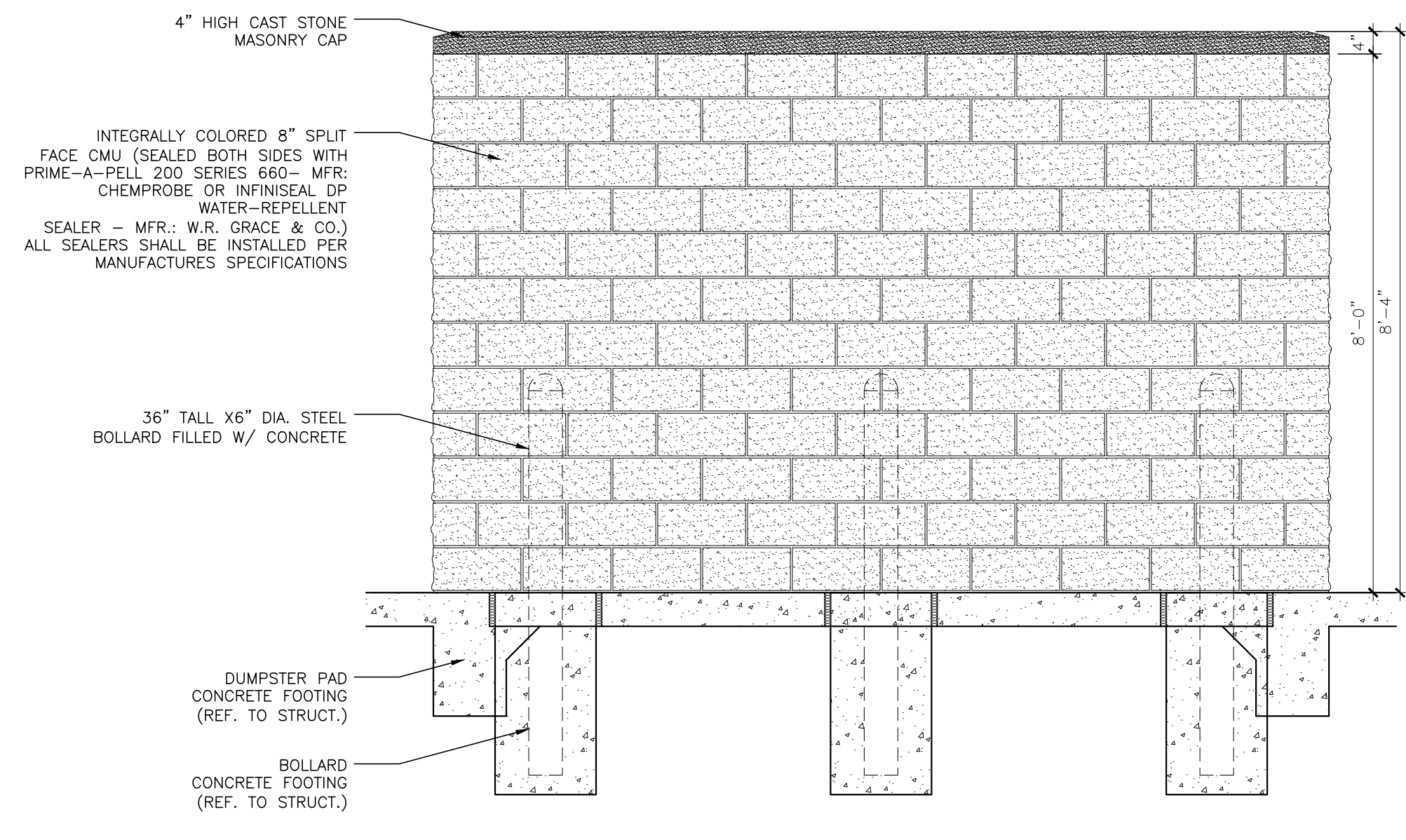
8 BOLLARD DETAIL @ DUMPSTER
 SCALE: 1/2" = 1'-0"



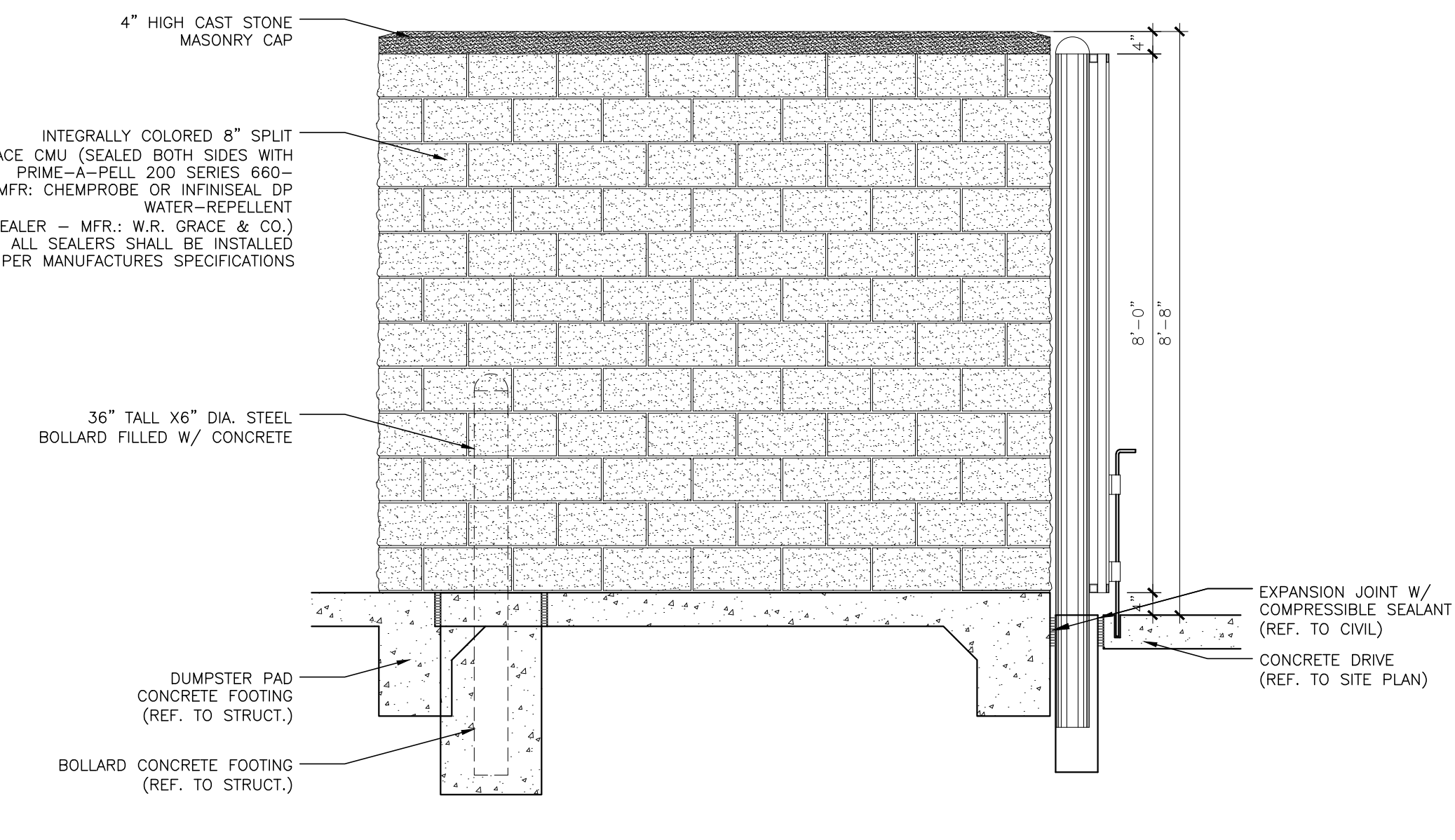
7 DUMPSTER ENCLOSURE GATE DETAIL
 SCALE: 3/4" = 1'-0"



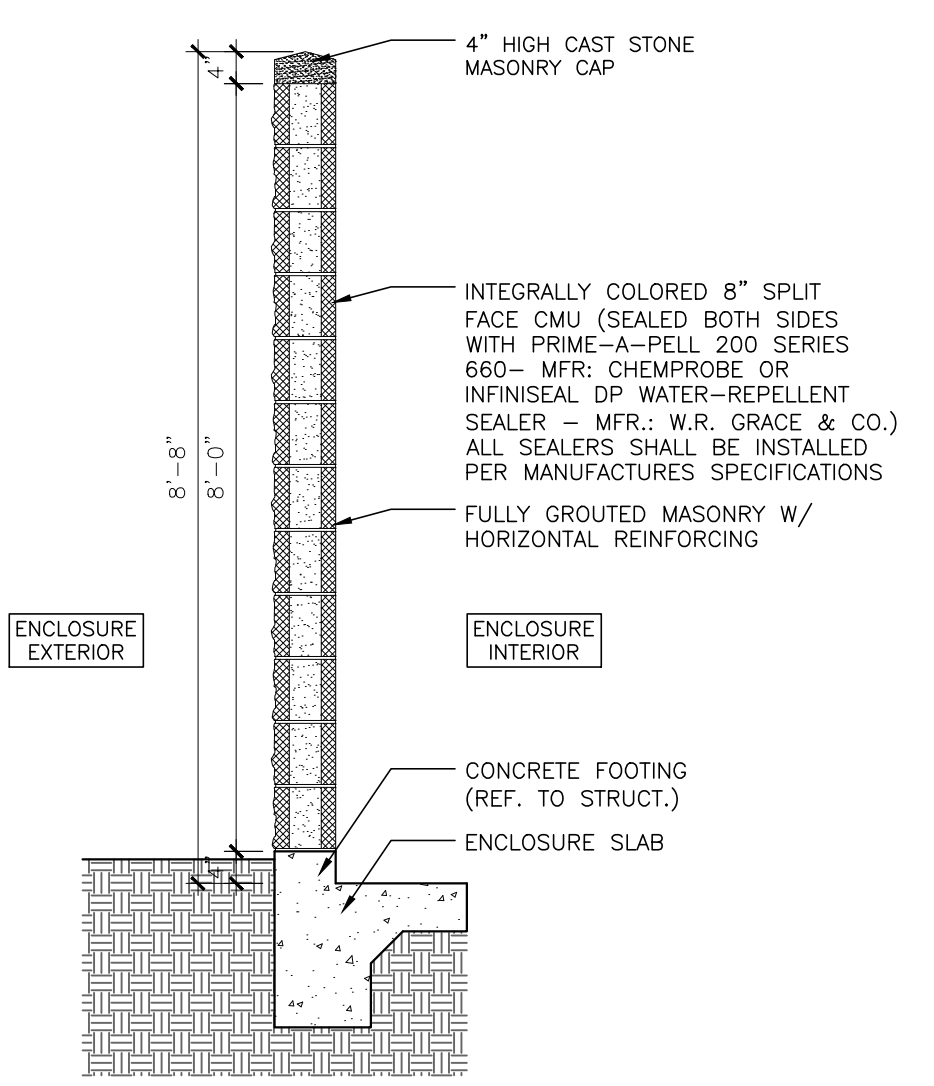
6 GATE SECTION @ DUMPSTER ENCLOSURE
 SCALE: 1/2" = 1'-0"



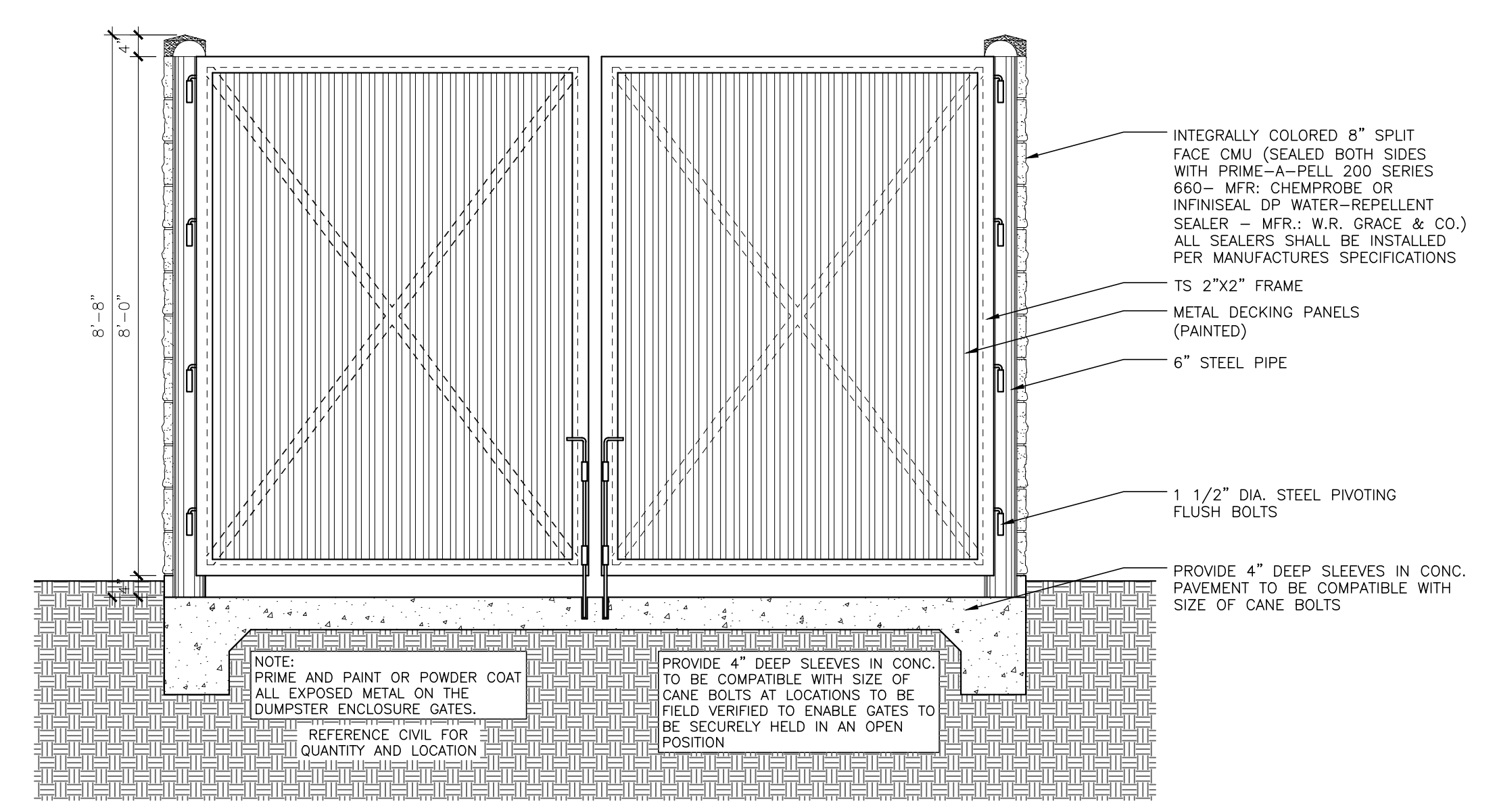
5 DUMPSTER ENCLOSURE REAR ELEVATION
 SCALE: 1/2" = 1'-0"



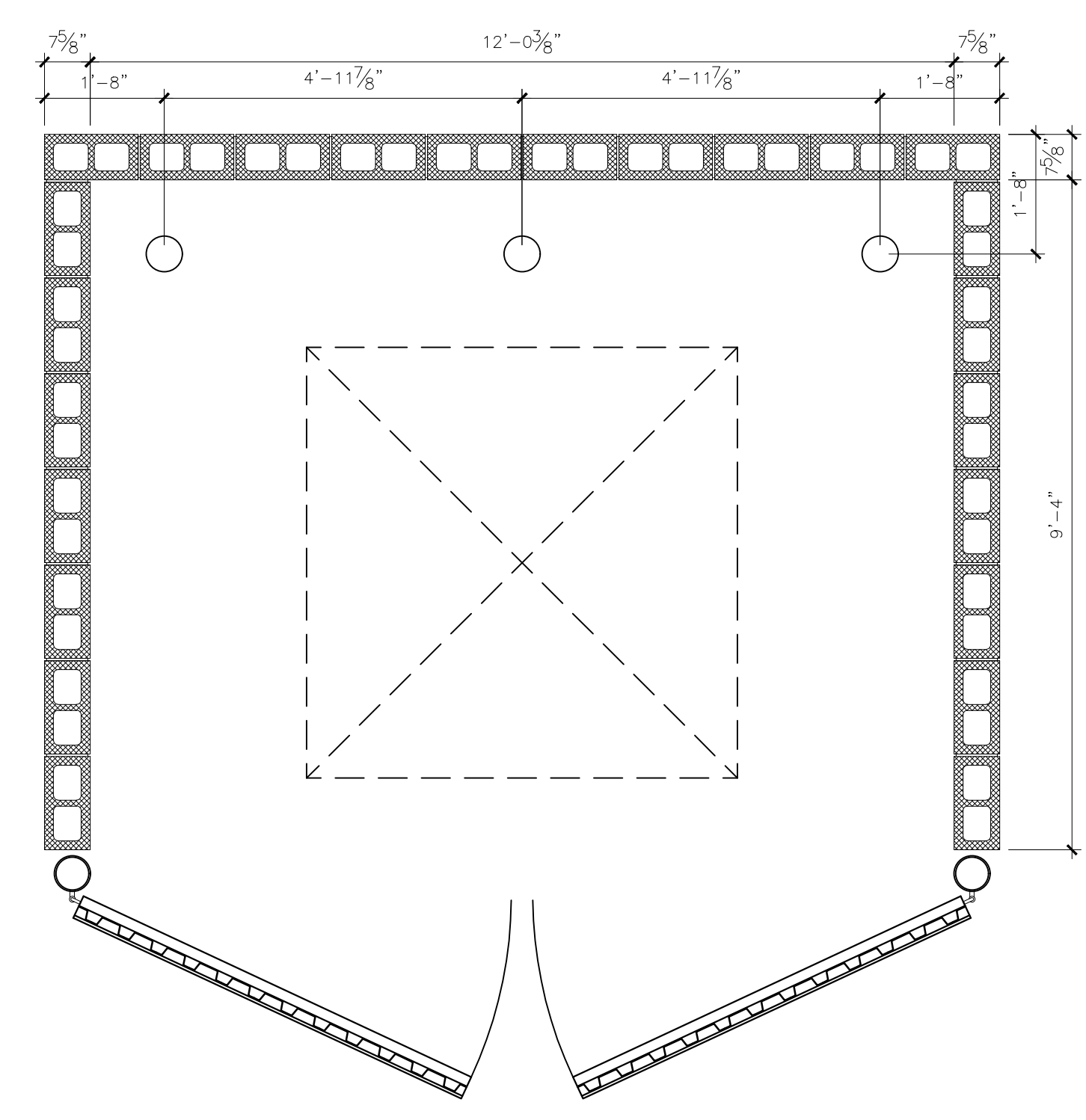
4 DUMPSTER ENCLOSURE SIDE ELEVATION
 SCALE: 1/2" = 1'-0"



3 WALL SECTION @ DUMPSTER ENCLOSURE
 SCALE: 1/2" = 1'-0"



2 DUMPSTER ENCLOSURE FRONT ELEVATION
 SCALE: 1/2" = 1'-0"



1 DUMPSTER ENCLOSURE ENLARGED PLAN
 SCALE: 1/2" = 1'-0"

CITY OF ROCKWALL CASE NUMBER: SP2024-XXX	
LEGAL DESCRIPTION AND OR ADDRESS: DAVID HARR SURVEY, ABSTRACT # 102, ROCKWALL, COUNTY, TEXAS. CONVEYED FROM JO ANN ATHEY, GUARDIAN TO ADD REAL ESTATE, LTD.	
OWNER Mr. Frank Conselman Texas Products, LLC 3925 Ruger Dr. Royse City, TX 75189	
APPLICANT Carroll Architects, INC. 750 E. Interstate 30 #110 Rockwall, TX 75087 P: 972-732-6085 E: jc@carrollarch.com ATTN: Jeff Carroll	
APPROVED: I hereby certify that the above and foregoing site plan for a development in the City of Rockwall, Texas, was approved by the Planning & Zoning Commission of the City of Rockwall on the _____ day of _____, WITNESS OUR HANDS, this _____ day of _____.	
Planning & Zoning Commission, Chairman	Director of Planning and Zoning

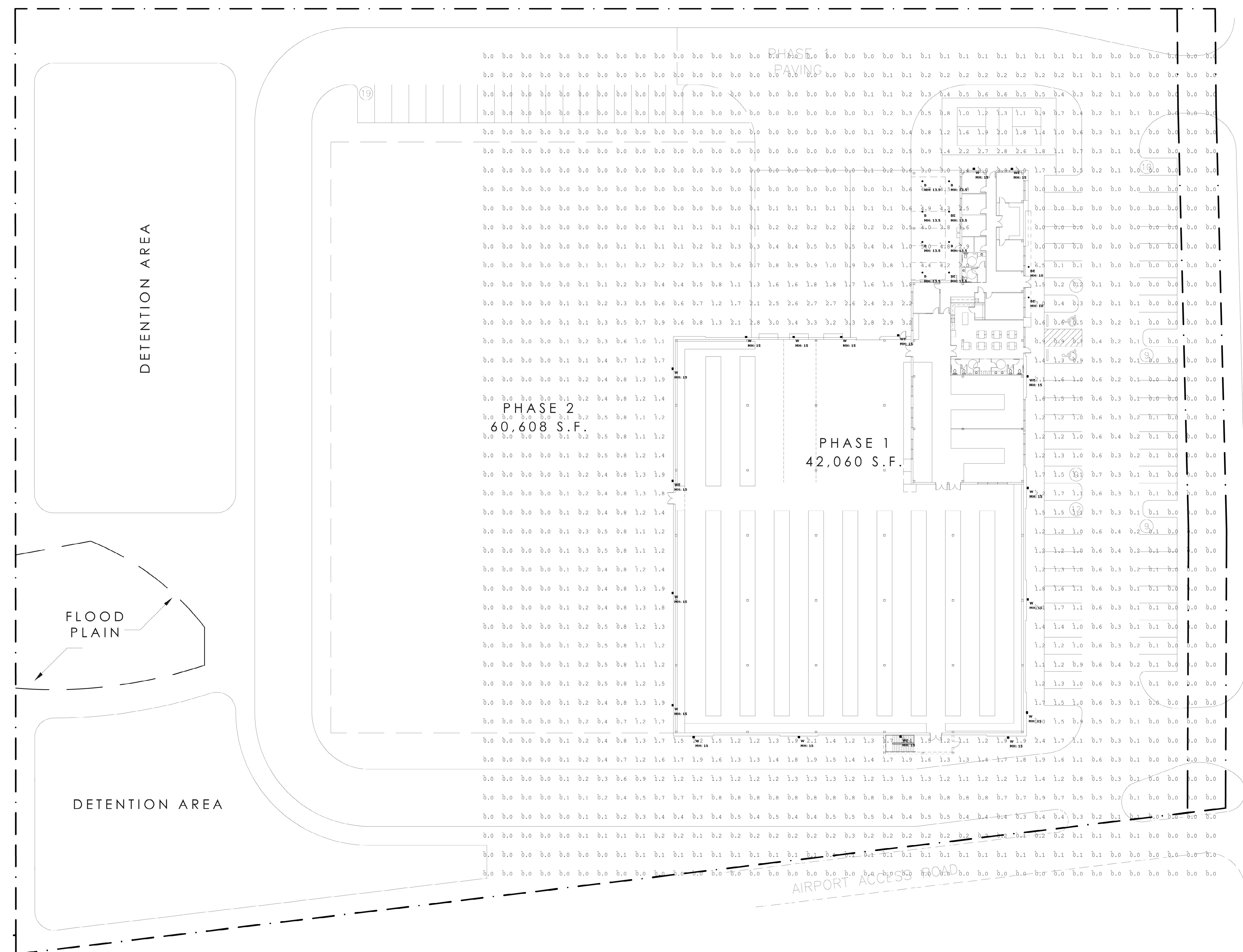
NEW OFFICE/WAREHOUSE FOR
TEXAS PRODUCTS
 CORPORATE OFFICE
 1775 Airport Road
 Rockwall, Texas 75087

CARROLL
 architects
 750 E. Interstate 30
 Suite 110
 Rockwall, TX 75087
 t: 972-732-6085
 f: 972-732-8058

DUMPSTER ENCLOSURE DETAILS

DATE: MAR 2024
 PROJECT NO: 2023083
 DRAWN BY: ZJ
 SHEET NO: A203
 CHECKED BY:

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A I R P O R T R O A D

NEW OFFICE/WAREHOUSE FOR
TEXAS PRODUCTS
 CORPORATE OFFICE
 1775 Airport Road
 Rockwall, Texas 75087

Luminaire Schedule			
Symbol	Type	Qty	Manufacturer / Catalog Number
⊙	P	10	LITHONIA LDN4 40/10 LOKAR LSS HVOLT DRIVER
⊙	W	18	LITHONIA WDG2Z LED P4 40K ROCKI 14H HVOLT MOUNT FINISH

BE & WE PROVIDED WITH INTEGRAL 90 MINUTE EMERGENCY BATTERY BACKUP

Total Lumen Output	Total Input Watts	Ballast Factor	Light Loss Factor	User Defined Factor
1041	10.58	1.000	0.850	1.000
4179	46.655	1.000	0.850	1.000

Calculation Summary						
Calculation Grid Location		Calc. Height (ft.)	Units	Avg	Max	Min
GRADE - Planar		0	FC	0.46	7.0	0.0

CARROLL architects
 750 E. Interstate 30
 Suite 110
 Rockwall, TX 75087
 t: 972-732-6085
 f: 972-732-8058

PHOTOMETRIC PLAN

1 PHOTOMETRIC PLAN
 SCALE: 1" = 30'-0"

JFTE
 James F. Turner
 Engineers, L.P.
 Consulting Engineers
 8540 Meadow Rd., Suite 100
 Dallas, Texas 75243
 TEL: 214-750-2000 FAX: 214-750-2001
 TX REGISTRATION # 35906

DATE:	FEB 2024
SHEET NO.:	E101A
PROJECT NO.:	2023083
DRAWN BY:	ZJ
CHECKED BY:	

DRAWN/DESIGN: TNM/TNM | DATE: 02/15/2024 | CHECKED BY: JBM/TNM

FEATURES & SPECIFICATIONS

INTENDED USE — Typical applications include corridors, lobbies, conference rooms and private offices.

CONSTRUCTION — Galvanized steel mounting/plaster frame; galvanized steel junction box with bottom-hinged access covers and spring latches. Reflectors are retained by torsion springs.

Vertically adjustable mounting brackets with commercial bar hangers provide 3-3/4" total adjustment.

Two combination 1/2"-3/4" and four 1/2" knockouts for straight-through conduit runs. Capacity: 8 (4 in, 4 out). No. 12 AWG conductors, rated for 90°C.

Accommodates 12"-24" joist spacing.

Passive cooling thermal management for 25°C standard; high ambient (40°C) option available. Light engine and drivers are accessible from above or below ceiling.

Max ceiling thickness 1-1/2".

OPTICS — LEDs are binned to a 3-step MacAdam Ellipse; 80 CRI minimum. 90 CRI optional.

LED light source concealed with diffusing optical lens.

General illumination lighting with 1.0 S/MH and 55° cutoff to source and source image.

Self-flanged anodized reflectors in specular, semi-specular, or matte diffuse finishes. Also available in white and black painted reflectors.

A+ CAPABLE LUMINAIRE — This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning when used with Acuity Brands controls products. All configurations of this luminaire are calibrated and tested to meet the Acuity Brands' specifications for chromatic consistency – including color rendering, color fidelity and color temperature tolerance around standard CIE chromaticity coordinates. To learn more about A+ standards, specifications, and testing visit www.acuitybrands.com/aplus.

UGR — UGR is zero for fixtures aimed at nadir with a cut-off equal to or less than 60deg per CIE 117-1996 Discomfort Galre in Interior Lighting. [UGR FAQ's](#)

ELECTRICAL — Multi-volt (120-277V, 50/60Hz) 0-10V dimming drivers mounted to junction box, 10% or 1% minimum dimming level available.

0-10V dimming fixture requires two (2) additional low-voltage wires to be pulled.

LUMEN MAINTENANCE — 70% lumen maintenance at 60,000 hours.

LISTINGS — Certified to US and Canadian safety standards. Wet location standard (covered ceiling). IP55 rated. ENERGY STAR® certified product. Drivers are ROHS compliant

BUY AMERICAN ACT — Product with the BAA option is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT regulations. Please refer to www.acuitybrands.com/buy-american for additional information.

WARRANTY — 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed.

Complete warranty terms located at: www.acuitybrands.com/support/warranty/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.

PERFORMANCE DATA

LDN4			
Nominal	Lumens	Wattage	Lm/W
500	523.6	5.74	91.2
750	751.1	8.6	87.3
1000	1045	10.58	98.8
1500	1512	17.5	86.4
2000	2006	22.12	90.7
2500	2551	26.1	97.7
3000	3007	32.1	93.7
4000	4212	43	98.0

Notes

Tested in accordance with IESNA LM-79-08

Tested to current IES and NEMA standards under stabilized laboratory conditions

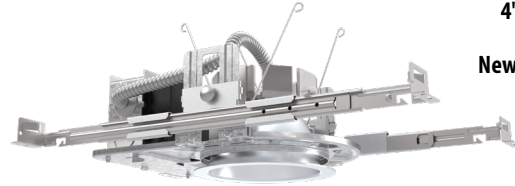
Based on LDN4 AR LSS 35K 80CRI



Catalog Number
Notes
Type

LDN4 STATIC WHITE

4" Open and Wallwash LED Non-IC New Construction Downlight

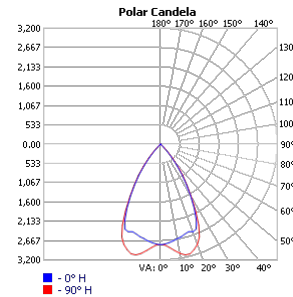


Open Trim

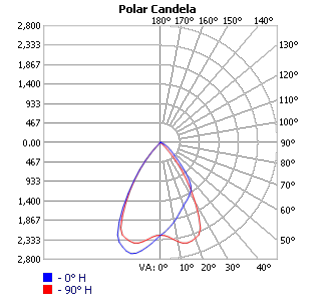


Wallwash Trim

DISTRIBUTIONS



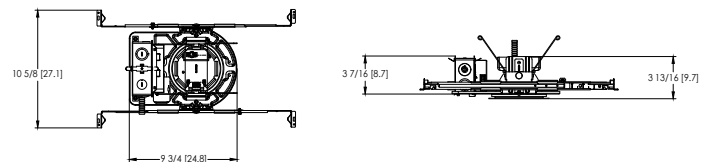
Open



Wallwash

DIMENSIONS

LDN4 500-2000 Lumens



Aperture: Ø 4-5/16" [11]
 Ceiling Cutout: Ø 5-1/8" [13] Self-flanged
 Overlap Trim: Ø 5-7/16" [13.8]
 Ceiling Cutout: Ø 5-1/4" [13.3] Flangeless

See page 4 for other fixture dimensions

ORDERING INFORMATION


Lead times will vary depending on options selected. Consult with your sales representative.

Example: LDN4 35/15 L04 AR LSS MVOLT EZ1

LDN4 Series	Color temperature	Lumens ‡	Trim Style	Trim Color	Trim Finish	Flange Color ‡	
LDN4 4" round	27/ 2700K 30/ 3000K 35/ 3500K 40/ 4000K 50/ 5000K	05 500 lumens 07 750 lumens 10 1000 lumens 15 1500 lumens	20 2000 lumens 25 2500 lumens 30 3000 lumens 40 4000 lumens	L04 Downlight LW4 Wallwash	AR Clear WR ‡ White BR ‡ Black TRALTBD ‡ RAL painted trim TCPC ‡ Custom painted trim	LSS Semi-specular LD Matte diffuse LS Specular	TRW White painted flange TRBL Black painted flange FRALTBD RAL painted flange only FCPC Custom painted flange only

Voltage	Driver	Emergency ‡	Control Input ‡
MVOLT Multi-volt 120 120V 277 277V 347 ‡ 347V	GZ10 0-10V driver dims to 10% GZ1 0-10V driver dims to 1% D10 Minimum dimming 10% driver for use with JOT D1 Minimum dimming 1% driver for use with JOT EZ1 0-10V eldoLED driver with smooth and flicker-free deep dimming performance down to 1% eldoLED DALI SOLDRIVE dim to dark EDAB	(blank) No emergency option EL Emergency battery pack with integral test switch. 10W Constant Power. Not Certified in CA Title 20 MAEDBS ELR Emergency battery pack with remote test switch. 10W Constant Power, Not Certified in CA Title 20 MAEDBS ELSD Emergency battery pack with self-diagnostics, 10W Constant Power, integral test switch. Not Certified in CA Title 20 MAEDBS ELRSD Emergency battery pack with self-diagnostics, 10W Constant Power, remote test switch. Not Certified in CA Title 20 MAEDBS E10WCP Emergency battery pack, 10W Constant Power with integral test switch. Certified in CA Title 20 MAEDBS E10WCPR Emergency battery pack, 10W Constant Power with remote test switch. Certified in CA Title 20 MAEDBS E10WRSTAR Emergency battery pack, 10W with remote test switch and lota STAR technology	(blank) No control option NPP16D nLight™ network power/relay pack with 0-10V dimming for non-eldoLED drivers (GZ10, GZ1). NPP16DER nLight™ network power/relay pack with 0-10V dimming for non-eldoLED drivers (GZ10, GZ1). ER controls fixtures on emergency circuit. N80 nLight™ Lumen Compensation JOT Wireless room control with "Just One Touch" pairing NPS80EZ nLight™ dimming pack controls 0-10V eldoLED drivers (EZ10, EZ1). NPS80EZER nLight™ dimming pack controls 0-10V eldoLED drivers (EZ10, EZ1). ER controls fixtures on emergency circuit. NLTAIR2 nLight™ Air enabled NLTAIRER2 nLight™ AIR Dimming Pack Wireless Controls. Controls fixtures on emergency circuit, not available with battery pack options NLTAIREM2 nLight™ AIR Dimming Pack Wireless Controls. UL924 Emergency Operation, via power interrupt detection. Available with battery pack options.

Options	
HAO ‡	High ambient option (40°C)
CP ‡	Chicago Plenum
RRL	RELOC®-ready luminaire connectors enable a simple and consistent factory installed option across all ABL luminaire brands. Refer to RRL for complete nomenclature. Available only in RRLA, RRLB, RRLAE, and RRLC12S.
BAA	Buy America(n) Act Compliant
90CRI	High CRI (90+)
SF ‡	Single fuse



Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit www.acuitybrands.com/designselect.
*See ordering tree for details

(Maximum order quantity for design select lead times is 160.)

‡ Option Value Ordering Restrictions	
Option value	Restriction
Lumen Packages	Overall height varies based on lumen package, refer to dimensional charts on page 4
WR, BR	Not available with finish (LSS, LD, LS)
TRALTBD, FRALTBD	RALTBD for pricing only. Replace with applicable RAL number and finish when ready to order. See the RAL BROCHURE for available color options.
TRW, TRBL	Available with clear (AR) trim color only
TCPC, FCPC	CPC options for pricing only. Custom color chip needs to be sent in to your Customer Resolution specialist before order can be processed. Click HERE for more details
347	Not available with emergency options
All Emergency	12.5" of plenum depth or top access required for battery pack maintenance.
NPP16D, NPP16DER	Not available with MVOLT. ER for use with generator supply EM power. Will require an emergency hot feed and normal hot feed.
SF	Must specify 120 or 277 volt
N80	Fixture begins at 80% light level. Must be specified with NPS80EZ or NPS80EZ ER. Only available with EZ10 and EZ1 drivers.
NPP16D, NPP16DER, NPPS80EZ, NPS80EZER	Specify voltage. ER for use with generator supply EM power. Will require an emergency hot feed and normal hot feed.
NLTAIR2, NLTAIRER2, NLATAIREM2	Not available with CP, NPS80EZ, NPS80EZER, NPP16D, NPP16DER or N80 options. Not recommended for metal ceiling installations.
NLTAIR2	When combined with EZ1 or EZ10 drivers, can be used as a normal power
JOT	Must specify D10 or D1 driver. Not available with nLight options. Not available with CP. Not recommended for metal ceiling installation. Not for use with emergency backup power systems other than battery packs.
HAO	Fixture height is 5-11/16" for all lumen packages with HAO.
CP	Must specify voltage for 3000lm. Not available with emergency battery pack option.
E10WRSTAR	Not available with wet location, EC1, EC6, QDS, CP, 347V, NPS80EZ ER, NLTAIRER2, NLATAIREM2, ALO3 & ALO4 w/DALI, OR 2000-4500 lumens w/JOT. Top access installation or 17.5" plenum clearance required for roomside installation. Not available with integral test switch.

Accessories: Order as separate catalog number.

PS1055CP	FMC Power Sentry batterypack, T20 compliant, field installable, 10w constant power
EACISSM 375	Compact interruptible emergency AC power system
EACISSM 125	Compact interruptible emergency AC power system
GRA46 JZ	Oversized trim ring with 6" outside diameter
SCA4	Sloped Ceiling Adapter. Degree of slope must be specified (5D, 10D, 15D, 20D, 25D, 30D). Ex: SCA4 10D.

Emergency Battery Pack Options - Field Installable

Battery Model Number	Wattage	Runtime (Minutes)	Lumen Output* @ 120 Lumens/Watt	Other
ILB CP07 2H A	7W	120	840	Storm Shelter/ 2-hour Runtime
ILB CP10 A	10W	90	1200	
ILBLP CP10 HE SD A+	10W	90	1200	Title 20, Self Diagnostic
ILBLP CP15 HE SD A+	15W	90	1800	Title 20, Self Diagnostic
ILB CP20 HE A	20W	90	2400	Title 20
ILB CP20 HE SD A	20W	90	2400	Title 20, Self Diagnostic
ILBHI CP10 HE SD A+	10W	90	1200	347-480V AC Input, Title 20, Self Diagnostic
ILBHI CP15 HE SD A+	15W	90	1800	347-480V AC Input, Title 20, Self Diagnostic

All the above are UL 924 Listed products that are certified for field install external/remote to the fixture.

*Minimum delivered lumen output to assist in product selection for increased fixture mounting height.

The CP10 delivered emergency illuminations outperforms legacy 1400 lumen fluorescent emergency ballasts.

Please contact us at techsupport@iotaengineering.com for any Emergency Battery related questions.

PHOTOMETRY

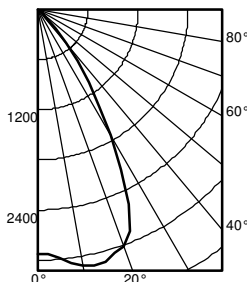
Distribution Curve

Distribution Data

Output Data

Illuminance Data at 30" Above Floor for a Single Luminaire

LDN4 35/30 L04AR, input watts: 32.1, delivered lumens: 3122.6, LM/W = 88.52, spacing criterion at 0= 1.04, test no. ISF 30712P249.



Ave	Lumens	Zone	Lumens	% Lamp
0	2927	0° - 30°	2301.2	73.7
5	2989	0° - 40°	2968.2	95.1
15	3120	0° - 60°	3121.1	100.0
25	2575	0° - 90°	3122.6	100.0
35	1062	90° - 120°	0.0	0.0
45	149	90° - 130°	0.0	0.0
55	3	90° - 150°	0.0	0.0
65	2	90° - 180°	0.0	0.0
75	0	0° - 180°	3122.6	*100.0
85	0			*Efficiency
90	0			

Mounting Height	Initial FC		50% beam - 55.6°		10% beam - 78.0°	
	Beam Diameter	Center FC	Diameter	FC	Diameter	FC
8.0	96.8	5.8	48.4	8.9	9.7	
10.0	52.0	7.9	26.0	12.2	5.2	
12.0	32.4	10.0	16.2	15.4	3.2	
14.0	22.1	12.1	11.1	18.6	2.2	
16.0	16.1	14.2	8.0	21.9	1.6	

LUMEN OUTPUT MULTIPLIERS - CCT					
	2700K	3000K	3500K	4000K	5000K
80CRI	0.950	0.966	1.000	1.025	1.101

LUMEN OUTPUT MULTIPLIERS - FINISH			
	Clear (AR)	White (WR)	Black (BR)
Specular (LS)	1.0	N/A	N/A
Semi-specular (LSS)	0.950	N/A	N/A
Matte diffuse (LD)	0.85	N/A	N/A
Painted	N/A	0.87	0.73

HOW TO ESTIMATE DELIVERED LUMENS IN EMERGENCY MODE

Use the formula below to estimate the delivered lumens in emergency mode

Delivered Lumens = 1.25 x P x LPW

P = Output power of emergency driver. P = 10W for PS1055CP

LPW = Lumen per watt rating of the luminaire. This information is available on the ABL luminaire spec sheet.

The LPW rating is also available at Designlight Consortium.

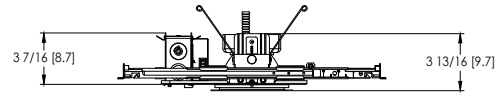
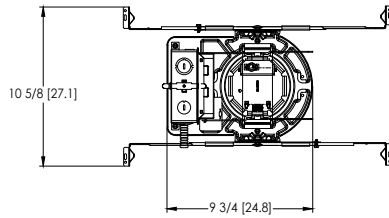
Notes

- Tested in accordance with IESNA LM-79-08.
- Tested to current IES and NEMA standards under stabilized laboratory conditions.
- CRI: 80 typical.

LDN4

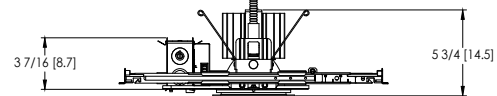
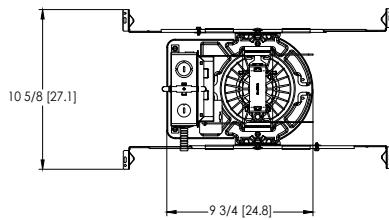
* All dimensions are inches (centimeters) unless otherwise noted.

LDN4 500-2000 Lumens



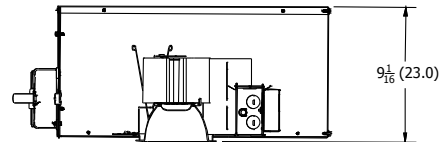
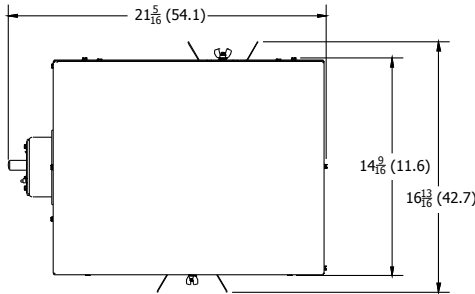
Aperture: \varnothing 4-5/16" [11]
 Ceiling Cutout: \varnothing 5-1/8" [13] Self-flanged
 Overlap Trim: \varnothing 5-7/16" [13.8]
 Ceiling Cutout: \varnothing 5-1/4" [13.3] Flangeless

LDN4 2000-4000 Lumens



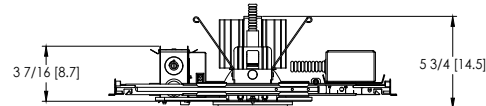
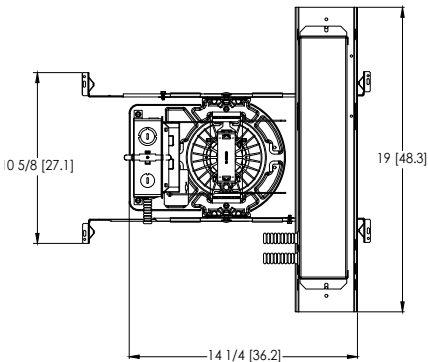
Aperture: \varnothing 4-5/16" [11]
 Ceiling Cutout: \varnothing 5-1/8" [13] Self-flanged
 Overlap Trim: \varnothing 5-7/16" [13.8]
 Ceiling Cutout: \varnothing 5-1/4" [13.3] Flangeless

LDN4 CP



Aperture: 4-5/16" (11)
 Ceiling Opening: 5-1/8" (13)
 Overlap Trim: 5-7/16" (13.8)

LDN4 EL



Aperture: \varnothing 4-5/16" [11]
 Ceiling Cutout: \varnothing 5-1/8" [13] Self-flanged
 Overlap Trim: \varnothing 5-7/16" [13.8]
 Ceiling Cutout: \varnothing 5-1/4" [13.3] Flangeless

ADDITIONAL DATA



The Sensor Switch JOT enabled solution offers a wireless, app-free approach to single room lighting control. JOT enabled products use Bluetooth® Low Energy (BLE) technology to enable wireless dimming and switching.

Diagram



LDN4 Series



Sensor Switch
WSXA JOT

1. **Power:** Install JOT enabled fixtures and controls as instructed.
2. **Pair:** Insert the pairing tool into the pinhole on the wall switch; press and hold any button for 6 seconds.
3. **Play:** Once paired, each fixture will individually dim down to 10% brightness. All products will be fully functional.

COMPATIBLE 0-10V WALL-MOUNT DIMMERS

MANUFACTURER	PART NO.	POWER BOOSTER AVAILABLE
Lutron®	Diva® DDTV	
	Diva® DVSC TV	
	Nova T® NTFTV	
	Nova® NFTV	
Leviton®	AWSMT-7DW	CN100
	AWSMG-7DW	PE300
	AMRMG-7DW	
	Leviton Centura Fluorescent Control System	
	IllumaTech® IP7 Series	
Synergy®	ISD BC	RDMFC
	SLD LPCS	
	Digital Equinox (DEQ BC)	
Douglas Lighting Controls	WPC-5721	
Entertainment Technology	Tap Glide TG600FAM120 (120V)	
	Tap Glide Heatsink TGH1500FAM120 (120V)	
	Oasis OA2000FAMU	
Honeywell	EL7315A1019	EL7305A1010 (optional)
	EL7315A1009	
HUNT Dimming	Presetslide: PS-010-IV and PS-010-WH	
	Presetslide: PS-010-3W-IV and PS-010-3W-WH	
	Presetslide, controls FD-010: PS-IFC-010-IV and PS-IFC-010-WH-120/277V	
	Presetslide, controls FD-010: PS-IFC-010-3W-IV and PS-IFC-010-3W-WH-120/277V	
	Remote mounted unit: FD-010	
Lehigh Electronic Products	Solitaire	PBX
PDM Electrical Products	WPC-5721	
Starfield Controls	TR61 with DALI interface port	RT03 DALInet Router
WattStopper®	LS-4 used with LCD-101 and LCD-103	

EXAMPLE

Group Fixture Control*

*Application diagram applies for fixtures with eldoLED drivers only.

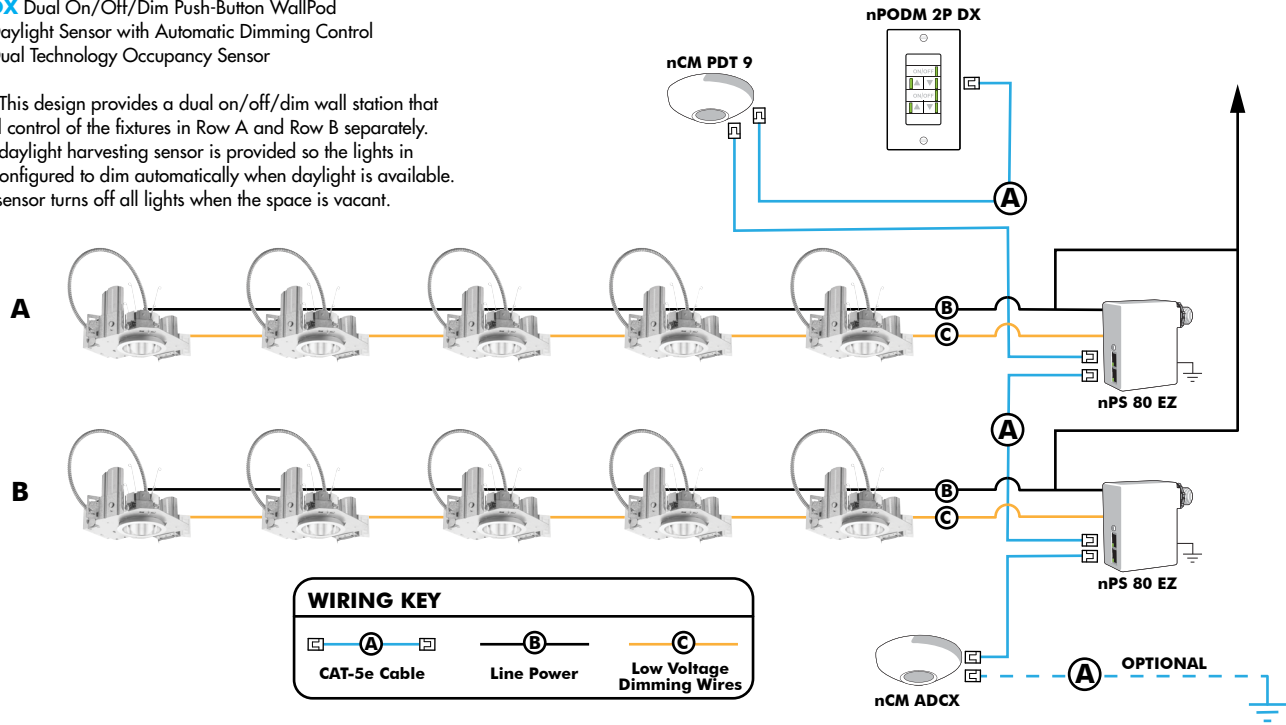
nPS 80 EZ Dimming/Control Pack (qty: 2 required)

nPODM 2P DX Dual On/Off/Dim Push-Button WallPod

nCM ADCX Daylight Sensor with Automatic Dimming Control

nCM PDT 9 Dual Technology Occupancy Sensor

Description: This design provides a dual on/off/dim wall station that enables manual control of the fixtures in Row A and Row B separately. Additionally, a daylight harvesting sensor is provided so the lights in Row B can be configured to dim automatically when daylight is available. An occupancy sensor turns off all lights when the space is vacant.



Choose Wall Controls

nLight offers multiple styles of wall controls - each with varying features and user experience.



Push-Button Wallpod

Traditional tactile buttons and LED user feedback



Graphic Wallpod

Full color touch screen provides a sophisticated look and feel

nLight® Wired Controls Accessories:

Order as separate catalog number. Visit www.acuitybrands.com/products/controls/nlight for complete listing of nLight controls.			
WallPod Stations	Model number	Occupancy sensors	Model Number
On/Off	nPODM (Color)	Small motion 360°, ceiling (PIR/dual Tech)	nCM 9 / nCM PDT 9
On/Off & Raise/Lower	nPOD DX (Color)	Large motion 360°, ceiling (PIR/dual tech)	nCM 10 / nCM PDT 10
Graphic Touchscreen	nPOD GFX (Color)	Wide View (PIR/dual tech)	nWV 16 / nWV PDT 16
Photocell controls	Model Number	Wall Switch w/ Raise/Lower (PIR/dual tech)	nWSX LV DX / nWSX PDT LV DX
Dimming	nCM ADCX	Cat-5 cables (plenum rated)	Model Number
		10', CAT5 10FT	CAT5 10FT J1
		15, CAT5 15FT	CAT5 15FT J1

nLight® AIR Control Accessories:

Order as separate catalog number. Visit www.acuitybrands.com/products/controls/nlightair.

Wall switches	Model number
On/Off single pole	rPODB [color]
On/Off two pole	rPODB 2P [color]
On/Off & raise/lower single pole	rPODB DX [color]
On/Off & raise/lower two pole	rPODB 2P DX [color]
On/Off & raise/lower single pole	rPODBZ DX WH ¹

Notes

- 1 Can only be ordered with the RES7Z zone control sensor version.

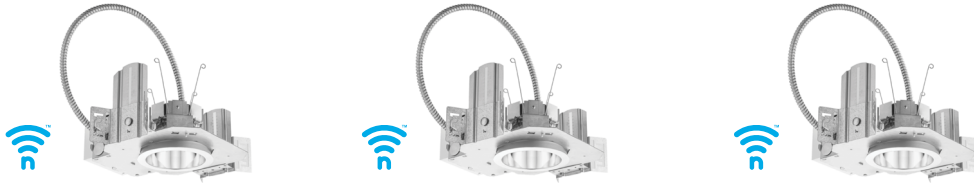
UL924 Sequence of Operation

The below information applies to all nLight AIR devices with an EM option.

- EM devices will remain at their high-end trim and ignore wireless lighting control commands, unless a normal-power-sense (NPS) broadcast is received at least every 8 seconds.
- Using the CLAIRITY+ mobile app, EM devices must be associated with a group that includes a normal power sensing device to receive NPS broadcasts.
- Only non-emergency rPP20, rLSXR, rSBOR, rSDGR, and nLight AIR luminaires with version 3.4 or later firmware can provide normal power sensing for EM devices. See specification sheets for control devices and luminaires for more information on options that support normal power sensing.

nLight AIR

nLight AIR is the ideal solution for retrofit or new construction spaces where adding communication is cost prohibitive. The integrated nLight AIR rPP20 Power Pack is part of each Lithonia LDN Luminaire. These individually addressable controls offer the ultimate in flexibility during initial setup and for space repurposing.



Simple as 1,2,3

1. Install the nLight® AIR fixtures with embedded smart sensor
2. Install the wireless battery-powered wall switch
3. With CLAIRITY app, pair the fixtures with the wall switch and if desired, customize the sensor settings for the desired outcome





WDGE2 LED

Architectural Wall Sconce

Precision Refractive Optic



Catalog Number

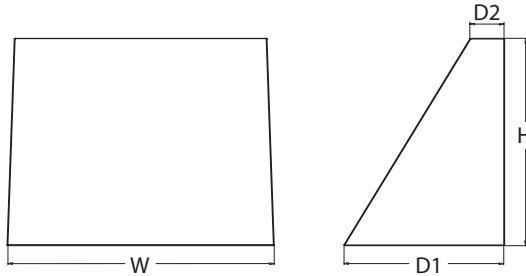
Notes

Type

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

Specifications

- Depth (D1):** 7"
- Depth (D2):** 1.5"
- Height:** 9"
- Width:** 11.5"
- Weight:** 13.5 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 a true site-wide solution. Embedded with nLight® AIR wireless controls, the WDGE family provides additional energy savings and code compliance.

WDGE2 with industry leading precision refractive optics provides great uniform distribution and optical control. When combined with multiple integrated emergency battery backup options, including an 18W cold temperature option, the WDGE2 becomes the ideal wall-mounted lighting solution for pedestrian scale applications in any environment.

WDGE LED Family Overview

Luminaire	Optics	Standard EM, 0°C	Cold EM, -20°C	Sensor	Approximate Lumens (4000K, 80CRI)						
					P0	P1	P2	P3	P4	P5	P6
WDGE1 LED	Visual Comfort	4W		--	750	1,200	2,000	--	--	--	--
WDGE2 LED	Visual Comfort	10W	18W	Standalone / nLight	--	1,200	2,000	3,000	4,500	6,000	--
WDGE2 LED	Precision Refractive	10W	18W	Standalone / nLight	700	1,200	2,000	3,200	4,200	--	--
WDGE3 LED	Precision Refractive	15W	18W	Standalone / nLight	--	7,500	8,500	10,000	12,000	--	--
WDGE4 LED	Precision Refractive			Standalone / nLight	--	12,000	16,000	18,000	20,000	22,000	25,000

Ordering Information

EXAMPLE: WDGE2 LED P3 40K 80CRI VF MVOLT SRM DDBXD

Series	Package	Color Temperature	CRI	Distribution	Voltage	Mounting
WDGE2 LED	P0 ¹ P1 ² P2 ² P3 ² P4 ²	27K 2700K 30K 3000K 40K 4000K 50K 5000K AMB ³ Amber	70CRI ⁴ 80CRI ⁴ LW ³ Limited Wavelength	T1S Type I Short T2M Type II Medium T3M Type III Medium T4M Type IV Medium TFTM Forward Throw Medium	MVOLT ⁵ 347 ⁵ 480 ⁵	Shipped included SRM Surface mounting bracket ICW Indirect Canopy/Ceiling Washer bracket (dry/damp locations only) ⁶
						Shipped separately AWS 3/8inch Architectural wall spacer ⁷ PBBW Surface-mounted back box (top, left, right conduit entry). Use when there is no junction box available. ⁷

Options	Finish
E10WH Emergency battery backup, Certified in CA Title 20 MAEDBS (10W, 5°C min) E20WC Emergency battery backup, Certified in CA Title 20 MAEDBS (18W, -20°C min) PE⁸ Photocell, Button Type DMG⁹ 0-10V dimming wires pulled outside fixture (for use with an external control, ordered separately) BCE Bottom conduit entry for back box (PBBW). Total of 4 entry points. BAA Buy America(n) Act Compliant CCE Coastal Construction ⁷	DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DSSXD Sandstone DBBTXD Textured dark bronze DBL BXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white DSSTXD Textured sandstone
Standalone Sensors/Controls PIR Bi-level (100/35%) motion sensor for 8-15' mounting heights. Intended for use on switched circuits with external dusk to dawn switching. PIRH Bi-level (100/35%) motion sensor for 15-30' mounting heights. Intended for use on switched circuits with external dusk to dawn switching PIR1FC3V Bi-level (100/35%) motion sensor for 8-15' mounting heights with photocell pre-programmed for dusk to dawn operation. PIRH1FC3V Bi-level (100/35%) motion sensor for 15-30' mounting heights with photocell pre-programmed for dusk to dawn operation. Networked Sensors/Controls NLTAIR2 PIR nLightAIR Wireless enabled bi-level motion/ambient sensor for 8-15' mounting heights. NLTAIR2 PIRH nLightAIR Wireless enabled bi-level motion/ambient sensor for 15-30' mounting heights. See page 4 for out of box functionality	



COMMERCIAL OUTDOOR

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WDGE2 LED
 Rev. 02/28/24

Accessories

Ordered and shipped separately.

WDGEAWS DDBXD W DGE 3/8inch Architectural Wall Spacer (specify finish)
 WDGE2PBBW DDBXD U W DGE2 surface-mounted back box (specify finish)

NOTES

- 1 PO option not available with sensors/controls.
- 2 P1-P4 not available with AMB and LW.
- 3 AMB and LW always go together.
- 4 70CRI only available with T3M and T4M.
- 5 347V and 480V not available with E10WH or E20WC.
- 6 Not qualified for DLC. Not available with emergency battery backup or sensors/controls.
- 7 For PBBW and AWS require an RFA.
- 8 PE not available in 480V or with sensors/controls.
- 9 DMG option not available with sensors/controls.

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)					40K (4000K, 80 CRI)					50K (5000K, 80 CRI)					Amber (Limited Wavelength)				
			Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
P0	7W	T1S	636	92	0	0	0	666	97	0	0	0	699	101	0	0	1	691	100	0	0	1	712	47	0	0	1
		T2M	662	96	0	0	0	693	101	0	0	0	728	106	0	0	0	719	104	0	0	0	741	48	0	0	0
		T3M	662	96	0	0	0	693	101	0	0	0	728	106	0	0	0	719	104	0	0	0	741	48	0	0	0
		T4M	648	94	0	0	0	679	98	0	0	0	712	103	0	0	0	704	102	0	0	0	726	47	0	0	0
		TFTM	652	95	0	0	0	683	99	0	0	0	717	104	0	0	0	708	103	0	0	0	730	48	0	0	1
P1	11W	T1S	1,105	99	0	0	1	1,157	104	0	0	1	1,215	109	0	0	1	1,200	107	0	0	1					
		T2M	1,150	103	0	0	1	1,204	108	0	0	1	1,264	113	0	0	1	1,249	112	0	0	1					
		T3M	1,150	103	0	0	1	1,205	108	0	0	1	1,265	113	0	0	1	1,250	112	0	0	1					
		T4M	1,126	101	0	0	1	1,179	106	0	0	1	1,238	111	0	0	1	1,223	110	0	0	1					
		TFTM	1,133	101	0	0	1	1,186	106	0	0	1	1,245	112	0	0	1	1,230	110	0	0	1					
P2	19W	T1S	1,801	95	1	0	1	1,886	99	1	0	1	1,981	104	1	0	1	1,957	103	1	0	1					
		T2M	1,875	99	1	0	1	1,963	103	1	0	1	2,061	109	1	0	1	2,037	107	1	0	1					
		T3M	1,876	99	1	0	1	1,964	103	1	0	1	2,062	109	1	0	1	2,038	107	1	0	1					
		T4M	1,836	97	1	0	1	1,922	101	1	0	1	2,018	106	1	0	1	1,994	105	1	0	1					
		TFTM	1,847	97	1	0	1	1,934	102	1	0	1	2,030	107	1	0	1	2,006	106	1	0	1					
P3	32W	T1S	2,809	87	1	0	1	2,942	92	1	0	1	3,089	96	1	0	1	3,052	95	1	0	1					
		T2M	2,924	91	1	0	1	3,062	95	1	0	1	3,215	100	1	0	1	3,176	99	1	0	1					
		T3M	2,925	91	1	0	1	3,063	95	1	0	1	3,216	100	1	0	1	3,177	99	1	0	1					
		T4M	2,862	89	1	0	1	2,997	93	1	0	1	3,147	98	1	0	1	3,110	97	1	0	1					
		TFTM	2,880	90	1	0	1	3,015	94	1	0	1	3,166	99	1	0	1	3,128	97	1	0	1					
P4	47W	T1S	3,729	80	1	0	1	3,904	84	1	0	1	4,099	88	1	0	1	4,051	87	1	0	1					
		T2M	3,881	83	1	0	1	4,063	87	1	0	1	4,267	91	1	0	1	4,216	90	1	0	1					
		T3M	3,882	83	1	0	1	4,065	87	1	0	1	4,268	91	1	0	1	4,217	90	1	0	1					
		T4M	3,799	81	1	0	1	3,978	85	1	0	1	4,177	90	1	0	1	4,127	88	1	0	1					
		TFTM	3,822	82	1	0	1	4,002	86	1	0	1	4,202	90	1	0	1	4,152	89	1	0	1					

Performance Package	System Watts	Dist. Type	27K (2700K, 70 CRI)					30K (3000K, 70 CRI)					40K (4000K, 70 CRI)					50K (5000K, 70 CRI)									
			Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G					
P0	7W	T3M	737	107	0	0	0	763	111	0	0	0	822	119	0	0	0	832	121	0	0	1					
		T4M	721	105	0	0	0	746	108	0	0	0	804	117	0	0	1	814	118	0	0	1					
P1	11W	T3M	1,280	115	0	0	1	1,325	119	0	0	1	1,427	128	1	0	1	1,445	129	1	0	1					
		T4M	1,253	112	0	0	1	1,297	116	0	0	1	1,397	125	0	0	1	1,415	127	0	0	1					
P2	19W	T3M	2,087	110	1	0	1	2,160	114	1	0	1	2,327	123	1	0	1	2,357	124	1	0	1					
		T4M	2,042	108	1	0	1	2,114	111	1	0	1	2,278	120	1	0	1	2,306	121	1	0	1					
P3	32W	T3M	3,254	101	1	0	1	3,369	105	1	0	1	3,629	113	1	0	1	3,675	114	1	0	1					
		T4M	3,185	99	1	0	1	3,297	103	1	0	1	3,552	111	1	0	1	3,597	112	1	0	1					
P4	47W	T3M	4,319	93	1	0	1	4,471	96	1	0	1	4,817	103	1	0	2	4,878	105	1	0	2					
		T4M	4,227	91	1	0	1	4,376	94	1	0	2	4,714	101	1	0	2	4,774	102	1	0	2					



Electrical Load

Performance Package	System Watts	Current (A)					
		120Vac	208Vac	240Vac	277Vac	347Vac	480Vac
P0	7.0	0.061	0.042	0.04	0.039	--	--
	9.0	--	--	--	--	0.031	0.021
P1	11.0	0.100	0.064	0.059	0.054	--	--
	14.1	--	--	--	--	0.046	0.031
P2	19.0	0.168	0.106	0.095	0.083	--	--
	22.8	--	--	--	--	0.067	0.050
P3	32.0	0.284	0.163	0.144	0.131	--	--
	37.1	--	--	--	--	0.107	0.079
P4	47.0	0.412	0.234	0.207	0.185	--	--
	53.5	--	--	--	--	0.153	0.112

Lumen Output in Emergency Mode (4000K, 80 CRI, T3M)

Option	Lumens
E10WH	1,358
E20WC	2,230

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	0.97

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	0	25,000	50,000	100,000
Lumen Maintenance Factor	1.0	>0.96	>0.93	>0.87

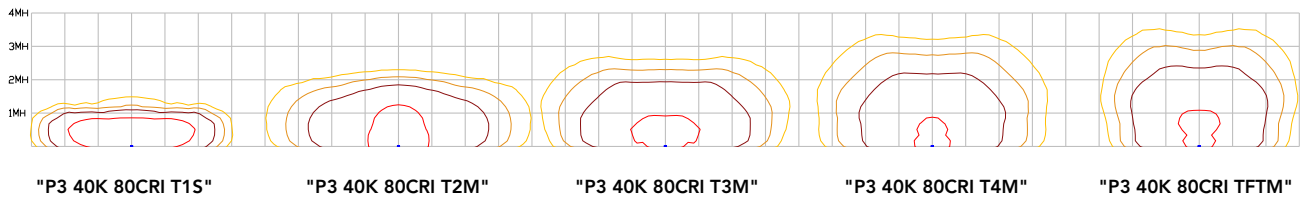
Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit the Lithonia Lighting WDG2 LED homepage. Tested in accordance with IESNA LM-79 and LM-80 standards.

LEGEND

■	0.25 fc
■	0.5 fc
■	1.0 fc
■	3.0 fc

MH = 10ft
Grid = 10ft x 10ft



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 90minutes.

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

Control / Sensor Options

Motion/Ambient Sensor (PIR, PIRH)

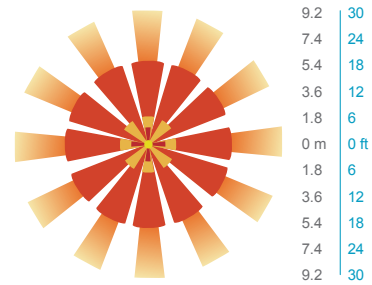
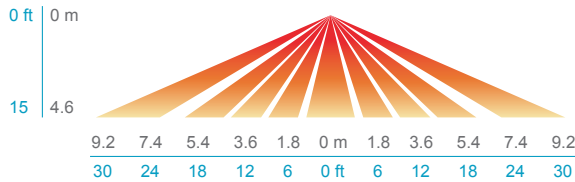
Motion/Ambient sensor (Sensor Switch MSOD) is integrated into the the luminaire. The sensor provides both Motion and Daylight based dimming of the luminaire. For motion detection, the sensor utilizes 100% Digital Passive Infrared (PIR) technology that is tuned for walking size motion while preventing 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.

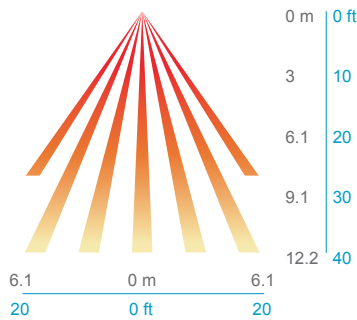
PIR

HIGH VIEW

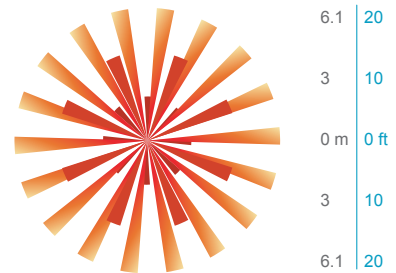


PIRH

SIDE VIEW



TOP VIEW



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
PIR1FC3V, PIRH1FC3V	Motion - 3V (37% of full output) Photocell - 0V (turned off)	10V (100% output)	Enabled @ 1fc	5 min	5 min	Motion - 3 sec Photocell - 45 sec
NLTAIR2 PIR, NLTAIR2 PIRH (out of box)	Motion - 3V (37% of full output) Photocell - 0V (turned off)	10V (100% output)	Enabled @ 5fc	7.5 min	5 min	Motion - 3 sec Photocell - 45 sec



Motion/Ambient Sensor

D = 7"
 H = 9" (Standalone controls)
 11" (nLight AIR controls, 2" antenna will be pointing down behind the sensor)
 W = 11.5"



PBBW – Surface-Mounted Back Box Use when there is no junction box available.

D = 1.75"
 H = 9"
 W = 11.5"



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

Individually formed acrylic lenses are engineered for superior application efficiency which maximizes the light in the areas where it is most needed. 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). Fixture ships standard with 0-10v dimmable driver.

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. The ICW option can be used to mount the luminaire inverted for indirect lighting in dry and damp locations. Design can withstand up to a 1.5 G vibration load rating per ANSI C136.31.

LISTINGS

CSA certified to U.S. and Canadian standards. Luminaire is IP66 rated. 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 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 2700K and 3000K color temperature only and SRM mounting only.

BUY AMERICAN ACT

Product with the BAA option is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT regulations. Please refer to www.acuitybrands.com/buy-american for additional information.

WARRANTY

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/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.