

NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS

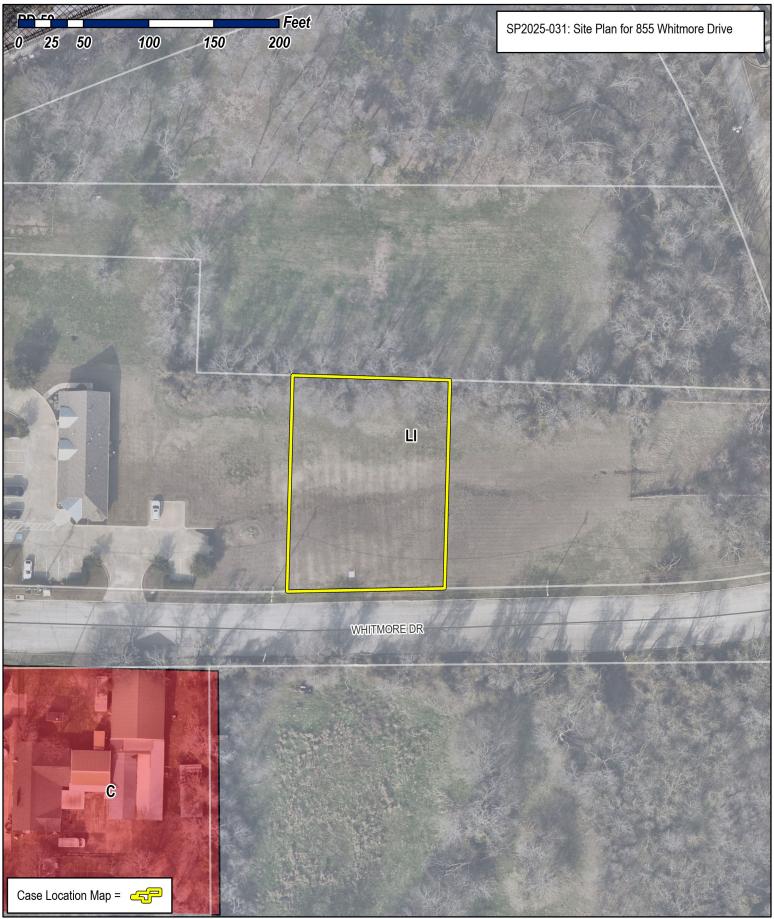
#### **DEVELOPMENT APPLICATION**

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

PLANNING & ZONING CASE NO.
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: **ZONING APPLICATION FEES:** ☐ MASTER PLAT (\$100.00 + \$15.00 ACRE) 

1 ☐ ZONING CHANGE (\$200.00 + \$15.00 ACRE) 1 □ PRELIMINARY PLAT (\$200.00 + \$15.00 ACRE)¹ ☐ SPECIFIC USE PERMIT (\$200.00 + \$15.00 ACRE) 1 82 ☐ FINAL PLAT (\$300.00 + \$20.00 ACRE) 1 □ PD DEVELOPMENT PLANS (\$200.00 + \$15.00 ACRE) 1 □ REPLAT (\$300.00 + \$20.00 ACRE)¹ OTHER APPLICATION FEES: ☐ AMENDING OR MINOR PLAT (\$150.00) ☐ TREE REMOVAL (\$75.00) □ PLAT REINSTATEMENT REQUEST (\$100.00) ☐ VARIANCE REQUEST/SPECIAL EXCEPTIONS (\$100.00) 2 NOTES: SITE PLAN APPLICATION FEES: SITE PLAN (\$250.00 + \$20.00 ACRE) 1 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 ☐ AMENDED SITE PLAN/ELEVATIONS/LANDSCAPING PLAN (\$100.00) INVOLVES CONSTRUCTION WITHOUT OR NOT IN COMPLIANCE TO AN APPROVED BUILDING PERMIT. PROPERTY INFORMATION [PLEASE PRINT] 855 E Whitmore Dr **ADDRESS** Municipal Ind Park SUBDIVISION LOT **BLOCK** GENERAL LOCATION ZONING, SITE PLAN AND PLATTING INFORMATION IPLEASE PRINT! CURRENT ZONING CURRENT USE PROPOSED ZONING PROPOSED USE ACREAGE LOTS [CURRENT] LOTS [PROPOSED] 45 acres 0.45 acres 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 □ APPLICANT Salvador Salcedo CONTACT PERSON CONTACT PERSON 210 Cedar Tree In **ADDRESS ADDRESS** Tx 77057 CITY, STATE & ZIP Y, STATE & ZIP PHONE PHONE E-MAIL E-MAIL NOTARY VERIFICATION [REQUIRED] BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED STATED THE INFORMATION ON THIS APPLICATION OF THE TH [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 TO COVER THE COST OF THIS APPLICATION, HAS BEEN PAID TO THE CITY OF ROCKWALL ON THIS THE . 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 ASSOCIATED OR IN RESPONSE TO A RESPO THERESA L. MOSS GIVEN UNDER MY HAND AND SEAL OF OFFICE ON THIS THE Notary ID #130926177 My Commission Expires OWNER'S SIGNATURE December 8, 2028

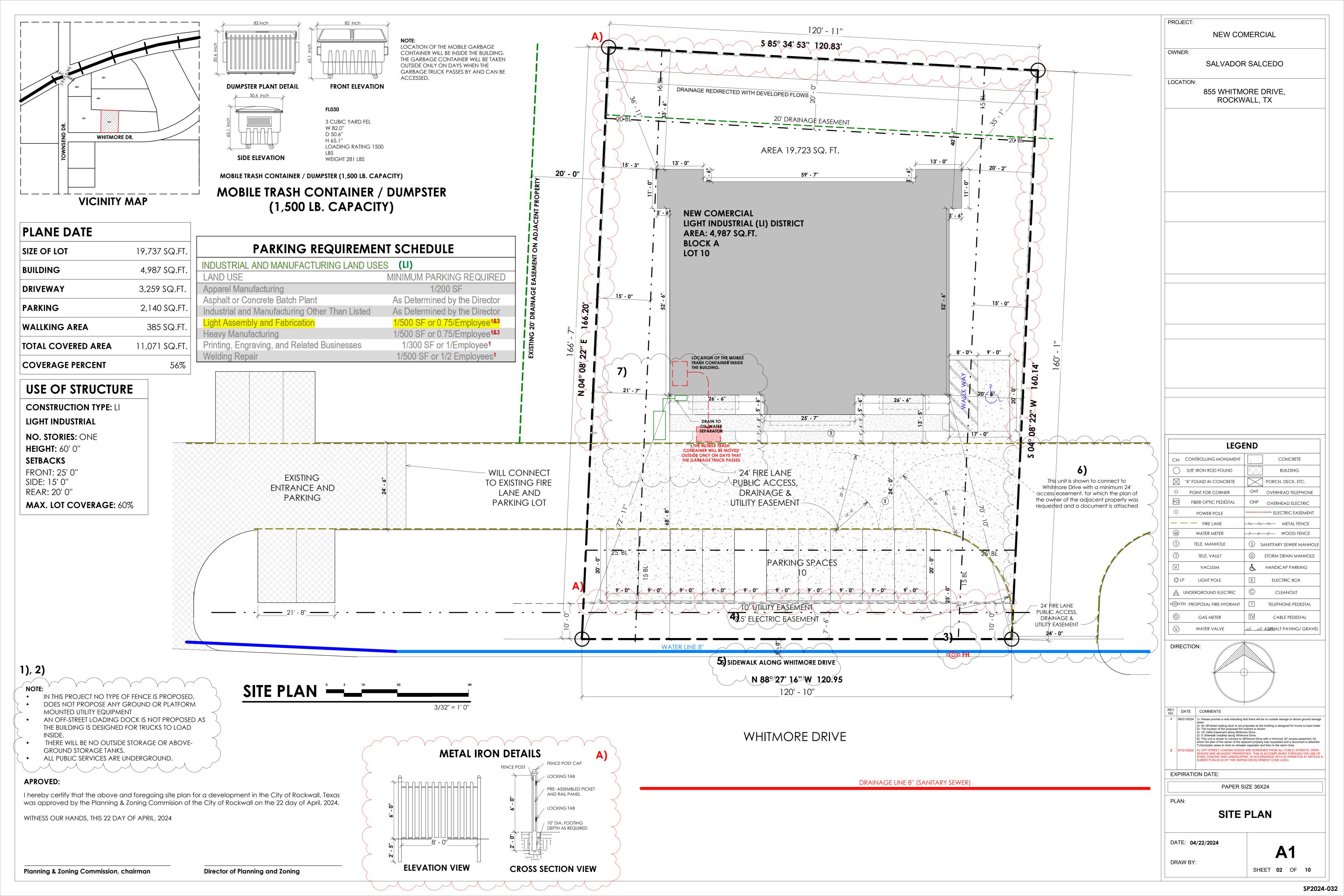




# City of Rockwall Planning & Zoning Department 385 S. Goliad Street

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.





# AREA AND PERCENTAGE OF MATERIALS

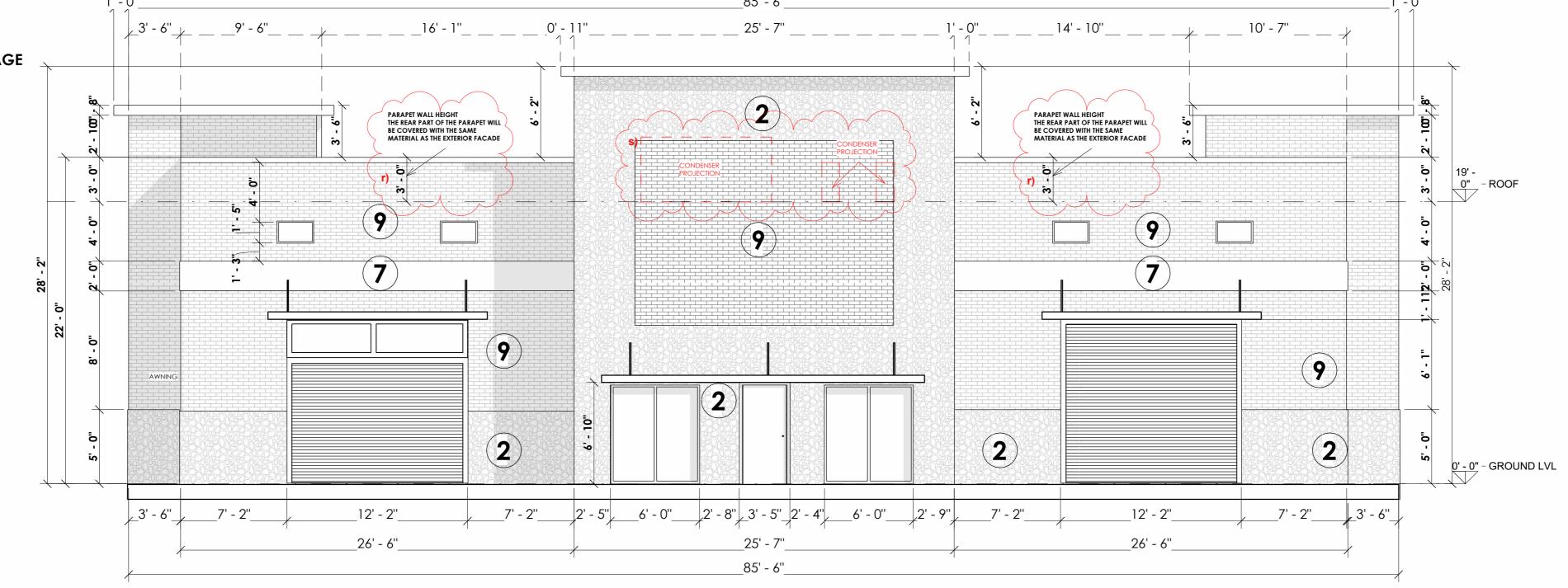
**TOTAL AREA** 2,312 S.Q. F.T. FRONT ELEVATION MASONRY MATERIALS 2,136 S.Q. F.T. 1,510 S.Q. F.T. **BRICKS** 616 S.Q. F.T. NATURAL STONE SECONDARY MATERIAL 106 S.Q. F.T. 2,312 S.Q. F.T. TOTAL

# 100 % 94.0 % 64.0 % 30.0 % 06.0%

**PERCENTAGE** 100 %

# FRONT ELEVATION

3/16" = 1' 0"

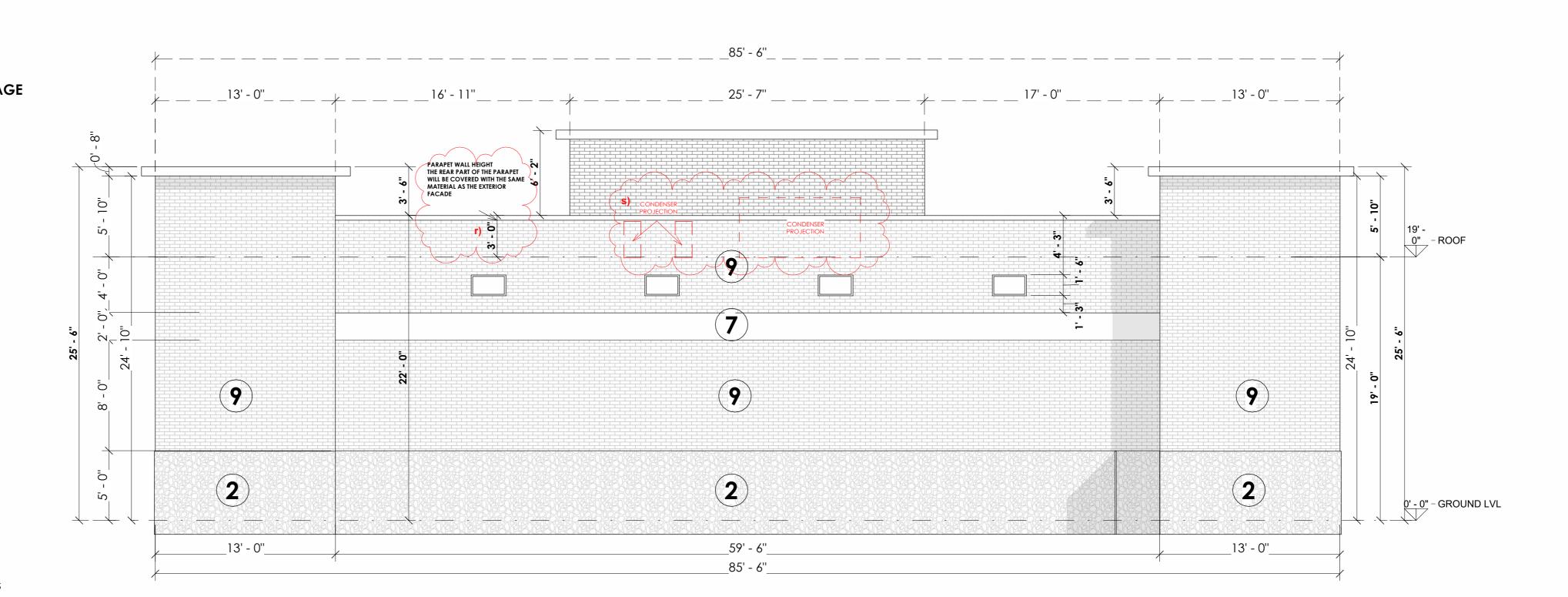


## AREA AND PERCENTAGE OF MATERIALS

**TOTAL AREA** PERCENTAGE 2'128 S.Q. F.T. FRONT ELEVATION 100 % MASONRY MATERIALS 94.0 % 2,116 S.Q. F.T. 2 & 9 1,415 S.Q. F.T. 73.0 % **BRICKS** NATURAL STONE 427 S.Q. F.T. 21.0 % SECONDARY MATERIAL 159 S.Q. F.T. 06.0% 2,128 S.Q. F.T. TOTAL 100 %

# REAR ELEVATION

3/16" = 1' 0"



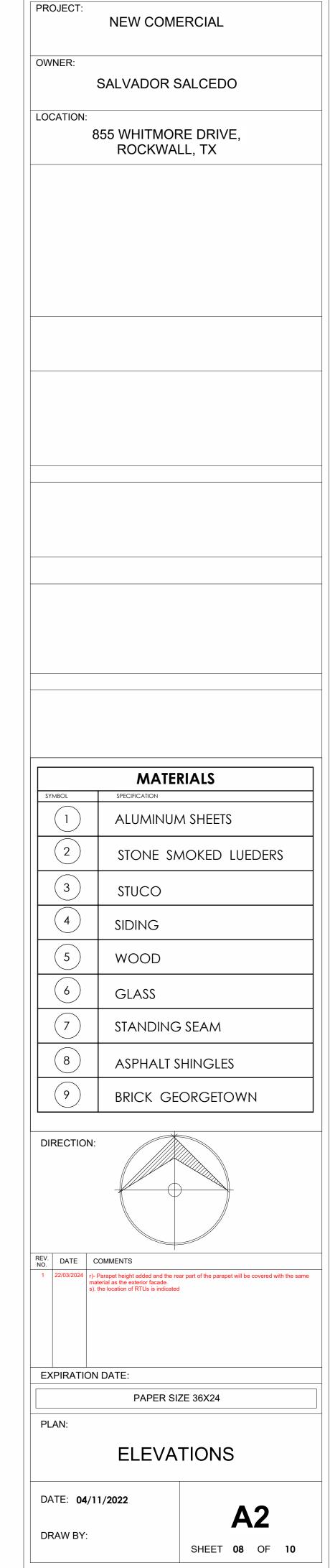
# **APROVED:**

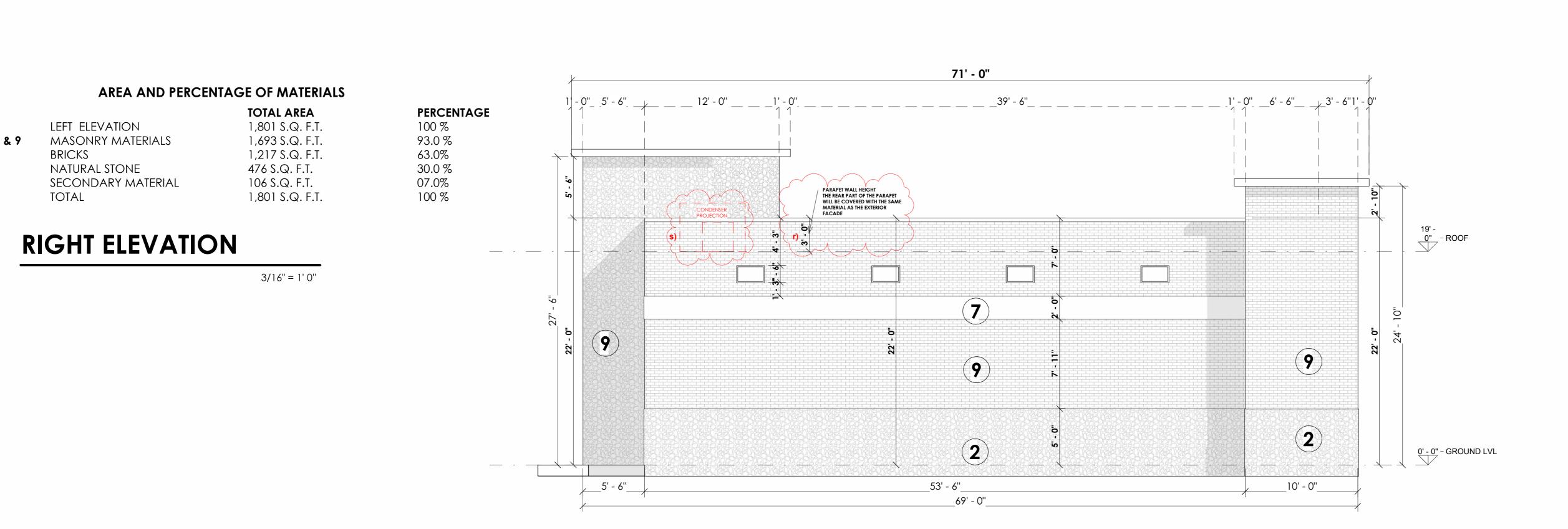
I hereby certify that the above and foregoing site plan for a development in the City of Rockwall, Texas was approved by the Planning & Zoning Commision of the City of Rockwall on the 22 day of April, 2024.

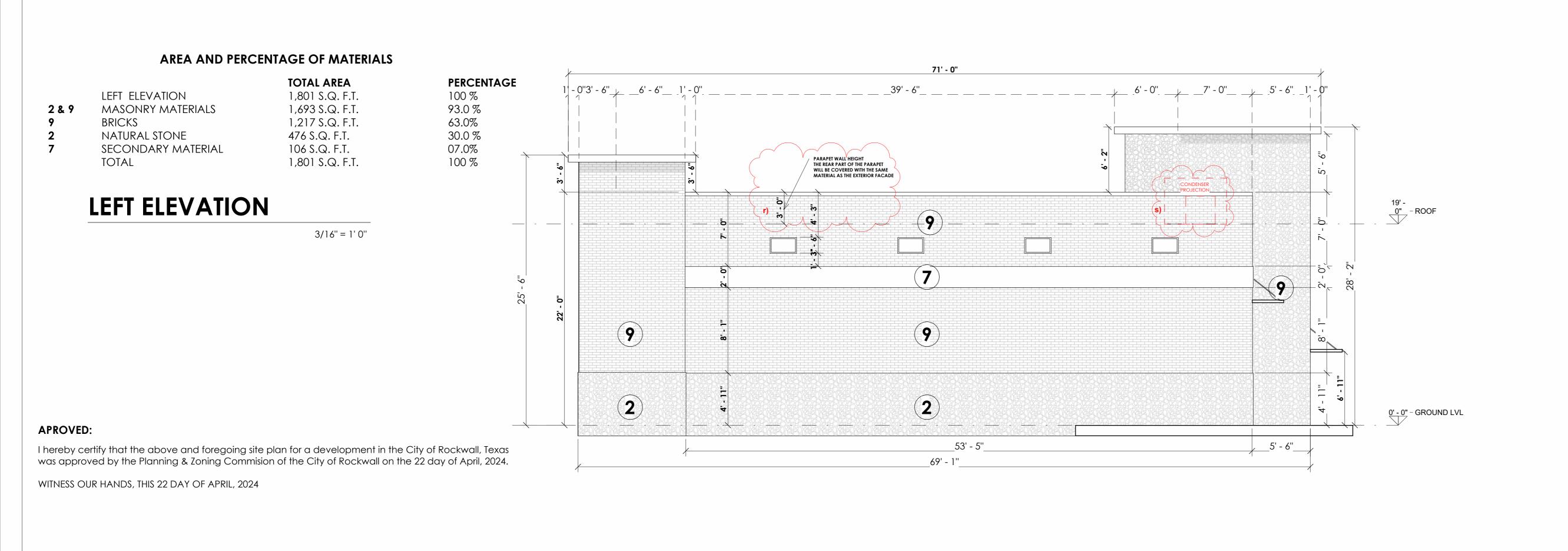
WITNESS OUR HANDS, THIS 22 DAY OF APRIL, 2024

Planning & Zoning Commission, chairman

Director of Planning and Zoning







**Director of Planning and Zoning** 

Planning & Zoning Commission, chairman

#### GENERAL GRADING AND PLANTING NOTES

1. BY SUBMITTINGA PROPOSAL FOR THE LANDSCAPE PLANTING SCOPE OF WORK, THE CONTRACTOR CONFIRMS THAT HE HAS READ, AND WILL COMPLY WTI THE ASSOCIATED NOTES, SPECIFICATIONS, AND DETALS WITH THIS PROJECT, 2. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL EXISTING VEGETATION (EXCEPT WHERE NOTED TO REMAN) 3. IN THE CONTEXT OF THESE PLANS, NOTES, AND SPECIFICATIONS, "FINISH GRADE" REFERS TO THE FINAL ELEVATION OF THE SOIL SURFACE (NOT TOP OF MULCH) AS INDICATED ON THE GRADING PLANS.

- BEFORE STARTING WORK, THE LANDSCAPE CONTRACTOR SHALL VERIFY THAT THE ROUGH GRADES OF ALL LANDSCAPE AREAS ARE WITHIN +10. OF FINISH GRADE. SEE SPECIFICATIONS FOR MORE DETALED INSTRUCTION ON TURF AREA AND
- CONSTRUCT AND MAINTAIN FINISH GRADES AS SHOWN ON GRADING PLANS. AND CONSTRUCT ANO MAINTAN SLOPES AS RECOMMENDED BY THE GEOTECHNICAL. REPORT. ALL LANDSCAPE AREAS SHALL HAVE POSITIVE DRANACE AWAY FROM STRUCTURES AT THE MINIMUM SLOPE SPECIFIED IN THE REPORT AND ON THE, GRADING PLANS, AND AREAS OF POTENTIAL PONDING SHALL BE REGRADED TO BLEND IN WITH THE SURROUNDING GRADES AND ELIMINATE PONDING.
- THELANDSCAPE CONTRACTOR SHALL DETERMINE WHETHER OR NOT THE EXPORT OF ANY SOIL WIL BE NEEDED, TAKING INTO ACCOUNT THE ROUGH GRADE PROVIDED, THE AMOUNT OF SOL AMENDMENTS TO BE ADDED (BASED NA SOIL TEST, PER SPECIFICATIONS), AND THE FINISH GRADES TO BE ESTABLISED.
- ENSURE THAT THE FINISH GRADE IN SHARE AREAS IMMEDIATELY ADJACENT TO LIS AND OTHER WALKING SURFACE. AFTER INSTALLING SOIL AMENDMENTS, 15 3" BELOW THE ADJACENT FINISH SURFACE, IN ORDER TO ALLOW FOR PROPER MULCH DEPTH. TAPER THE SOIL SURFACE TO MEET FINISH GRADE, AS SPECIFIED ON THE GRADING PLANS, AT APPROXIVATELY 18\* AWAY FROM THE WALES,
- ENSURE THAT THE FINISH GRADE IN SHARE AREAS IMMEDIATELY ADJACENT TO ALIS AND OTHER WALKING SURFACE, AFTER INSTALLING SOIL AMENDMENTS, 15 3" BELOW THE ADJACENT FINISH SURFACE, IN ORDER TO ALLOW FOR PROPER MULCH DEPTH. TAPER THE SOIL SURFACE TO MEET FINISH GRADE, AS SPECIFIED ON THE GRADING PLANS, AT APPROXIVATELY 18\*
- ENSURE THAT THE FINISH GRADE IN TURF AREAS IMMEDIATELY ADJACENT TO WALK AND OTHER WALKING SURFACES, AFTER INSTALLING SOIL AMENDMENTS, 18 Y" BELOW THE FINISH SURFACE OF THE WALKS. TAPER THE SOL SURFACE TO MEET FINISH GRADE, AS SPECIFIED ON THE GRADING PLANS, AT APPROXIMATELY 19" AY FROM THE WALKS
- SHOULD ANY CONFLICTS ANDIOR DISCREPANCIES ARISE BETWEEN THE GRADING PLANS, GEOTECHNICAL REPORT. THESE NOTES AND PLANS, AND ACTUAL CONDITIONS, THE CONTRACTOR SHALL MMEDIATELY BRING SUCH EMS TO THE ATTENTION OF THE LANDSCAPE ARCHITECT, GENERAL CONTRACTOR, AND OVNER.

4. ALLPLANTLOCATIONS ARE DIAGRAMMATIC. ACTUAL LOCATIONS SHALL BE VERIFIED WITH THE LANDSCAPE ARCHITECT OR DESIGNER PRIOR TO PLANTINO. THE LANDSCAPE CONTRACTOR SHALL ENSURE THAT ALL REQUIREMENTS OF THE PERMITTING AUTHORITY ARE MET (E, MINIMUM PLANT QUANTILES, PLANTING METHODS, TREE PROTECTION METHODS, ETC)

- THE LANDSCAPE CONTRACTOR 15 RESPONSIBLE FOR DETERMINING PLANT GUANTITIES: PLANT QUANTITES SHOWN ON LEGENDS AND CALLOUTS ARE FOR GENERAL INFORMATION ONLY. IN THE EVENT OF A DISCREPANCY BETWEEN THE PLAN AND THE PLANT LEGEND, THE PLANT QUANTITY AS SHOWIN ON THE PLAN (FOR INDIVIDUAL SYMBOLS) OR CALLOUT (FOR GROUNDCOVER PATTERNS) SHALL TAKE PRECEDENCE. NO SUBSTITUTIONS OF PLANT MATERIALS SHALL BE ALLOWED WITHOUT THE WRITTEN PERMISSION OF THE LANDSCAPE
- ARCHITECT IN WRITING (VA PROPER CHANNELS) THE CONTRACTOR SHALL, AT A MINIMUM. PROVIDE REPRESENTATIVE PHOTOS. OF ALL PLANTS PROPOSED FOR THE PROJECT. THE CONTRACTOR SHALL ALLOW THE LANDSCAPE ARCHITECT AND THE ONNERIOWNER'S. REPRESENTATIVE TO INSPECT, AND APPROVE OR REJECT, ALL PLANTS DELIVERED TO THE JOBSITE.

ARCHITECT. ;F SOME OF THE PLANTS ARE NOT AVALABLE, THE LANDSCAPE CONTRACTOR SHALL NOTIFY THE LANDSCAPE

5. THE CONTRACTOR SHALL MANTA THE LANDSCAPE IN A HEALTHY CONDITION FOR 50 DAYS AFTER ACCEPTANCE BY THE OWNER. REFER TO SPECIFICATIONS FOR CONDITIONS OF, ACCEPTANCE FOR THE START OF THE MAINTENANCE PERIOD, AND FOR FINAL ACCEPTANCE AT THE END OF TE MAINTENANCE PERIOD. 6. SEE SPECIFICATIONS AND DETALS FOR FURTHER REQUIREMENTS.

AFTER ALL PLANTING IS COMPLETE, CONTRACTOR SHALL INSTALL 3" THICK LAYER OF 1-1/2" SHREDDED WOOD MULCH, NATURAL (UNDYED). IN ALL PLANTING AREAS (EXCEPT FOR TURF AND SEEDED AREAS). CONTRACTOR SHALL SUBMIT SAMPLES OF ALL MULCHES TO LANDSCAPE ARCHITECT AND OWNER FOR APPROVAL PRIOR TO CONSTRUCTION. ABSOLUTELY NO EXPOSED GROUND SHALL BE LEFT SHOWING ANYWHERE ON THE PROJECT AFTER MULCH HAS BEEN INSTALLED (SUBJECT TO THE CONDITIONS AND REQUIREMENTS OF THE "GENERAL GRADING AND PLANTING NOTES" AND SPECIFICATIONS).

THE CONTRACTOR SHALL INSTALL ROOT BARRIERS NEAR ALL NEWLY-PLANTED TREES THAT ARE LOCATED WITHIN FIVE (5) FEET OF PAVING OR CURBS. ROOT BARRIERS SHALL BE "CENTURY" OR "DEEP-ROOT" 24" DEEP PANELS (OR EQUAL). BARRIERS SHALL BE LOCATED IMMEDIATELY ADJACENT TO HARDSCAPE. INSTALL PANELS PER MANUFACTURER'S RECOMMENDATIONS. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR USE ROOT BARRIERS OF A TYPE THAT COMPLETELY ENCIRCLE THE ROOTBALL.

**ROOT BARRIERS** 

- 1. AN AUTOMATIC IRRIGATION SYSTEM SHALL BE INSTALLED AND OPERATIONAL BY THE TIME OF FINAL INSPECTION. THE ENTIRE IRRIGATION SYSTEM SHALL BE INSTALLED BY A LICENSED AND QUALIFIED IRRIGATION CONTRACTOR. 2. THEIRRIGATION SYSTEM WILL OPERATE ON POTABLE WATER, AND THE SYSTEM WILL HAVE APPROPRIATE BACKFLOW PREVENTION DEVICES INSTALLED TO PREVENT CONTAMINATION OF THE POTABLE SOURCE.
- 3. ALLNON-TURF PLANTED AREAS SHALL BE DRIP IRRIGATED. SODDED AND SEEDED AREAS SHALL BE IRRIGATED WITH SPRAY OR ROTOR HEADS AT 100% HEAD-TO-HEAD COVERAGE.
- 4. ALL PLANTS SHARING SIMILAR HYDROZONE CHARACTERISTICS SHALL BE PLACED ON A VALVE DEDICATED TO PROVIDE THE NECESSARY WATER REQUIREMENTS SPECIFIC TO THAT HYDROZONE. 5. THE IRRIGATION SYSTEM SHALL BE DESIGNED AND INSTALLED, TO THE MAXIMUM EXTENT POSSIBLE, TO CONSERVE WATER BY USING THE FOLLOWING DEVICES AND SYSTEMS: MATCHED PRECIPITATION RATE TECHNOLOGY ON ROTOR AND SPRAY HEADS
- (WHEREVER POSSIBLE), RAIN SENSORS, AND MULTI-PROGRAM COMPUTERIZED IRRIGATION CONTROLLERS FEATURING SENSORY INPUT CAPABILITIES. 6. ALLIRRIGATION SHALL MEET THE REQUIREMENTS OF THE CITY OF ROCKWALL'S UDC (SUBSECTION 05.04, OF ARTICLE 08)

#### (A) PORTLAND CEMENT SHALL BE AS PER N.C.T.C.O.G. ITEM 303.2.2

(B) UP-TO 20% (BY WEIGHT) OF THE CEMENT CONTENT MAY BE REPLACED WITH TYPE C FLY ASH. FLY ASH REPLACEMENT SHALL BE 1.25 POUNDS PER 1.0 POUND OF CEMENT REDUCTION, ALSO REFER TO N.C.T.C.O.G. ITEM 303 (C) AGGREGATES SHALL BE AS PER N.C.T.C.O.G. ITEM 303.2.1. RIVER ROCK OR BLENDED AGGREGATES SHALL NOT BE ALLOWED.

MANUFACTURED SAND SHALL NOT EXCEED 20% OF THE TOTAL SAND CONTENT IN THE ONCRETE MIX DESICN (E) CONCRETE FOR ALL PAVING AND CURBS WITHIN THE RIGHT-OF-WAY SHALL HAVE A MINIMUM 5 1/2 SACK/CUBIC YARD OF CEMENT CONTENT AND HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4.000 PSI WHEN TESTED AT THE AGE OF 28 DAYS. HAND PLACED CONCRETE SHALL HAVE A MINIMUM 6 1/2 SACK/CUBIC YARD OF CEMENT CONTENT AND MINIMUM COMPRESSIVE STRENGTH OF 4500 PSI.

(F) THE DESIGN ENGINEER SHALL APPROVE THE CONCRETE MIX DESIGN IN WRITING PRIOR TO USE.

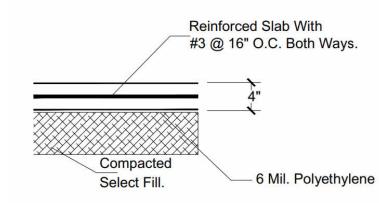
(G) PAVEMENT CURBS SHALL BE POURED MONOLITHICALLY. PLEASE REFER TO N.C.T.C.O.G. ITEM. 303.5.2.4. (H) STAMP OR DIE PROJECT PAVING LIMITS INCLUDING ALL STREET INTERSECTIONS TO N.C.T.C.O.G. ITEM. 303.4.2.3 AND DETAIL ON THIS SHEET

(I) THERE SHALL BE ZERO TOLERANCES FOR CONCRETE STRENGTH AND DEPTH. NO VARIANCES ARE ALLOWED. ANY AREAS OF (J) DEFICIENCY SHALL BE PROVED. REMOVED AND REPLACED. ALL CURBS AND GUTTERS SHALL BE POURED IN ONE COURSE. CONSTRUCTION CONCRETE SHALL BE PLACED IN FORMS ON COMPACTED. WETTED SUBGRADE AND SHALL BE TAMPED AND SPADED UNTIL MORTAR COVERS THE ENTIRE SURFACE, TAMPING AND SPADING OF NEWLY POURED CONCRETE SHALL BE GIVEN SPECIAL ATTENTION TO ENSURE ADEQUATE COMPACTION AND SURFACES FREE OF HONEYCOMBS.

#### PLEASE REFER TO ITEM 303.5.8 AND 303.2.12.1.1 OF THE N.C.T.C.O.G. SPECIFICATIONS THE CONTRACTOR SHALL USE A WHITE PIGMENTED UQUID CURING COMPOUND AS PER N.C.T.C.O.G. ITEM 303.5.8. AND 303.2.12.1.1

# REFERENCE CONCRETE

C1-270- FA10-W165 MIX DESING CLINKER 1: CEM1 52.5R FLY ASH (EN 450) SUPERPLASTICIZER KG 2.8 RIVER SAND 0-2 mm RIVER GRAVEL 2-8mm KG RIVER GRAVEL 8-16mm KG





### APROVED:

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 Commision of the City of Rockwall on the 22 day of April, 2024.

WITNESS OUR HANDS, THIS 22 DAY OF APRIL, 2024

#### LANDSCAPE STANDARDS

#### 05.02 LANDSCAPE REQUIREMENTS LIGHT INDUSTRIAL (LI) DISTRICT.

TOTAL SITE AREA: ±19.737 SQ.FT. LANDSCAPE AREA REQUIRED TOTAL SITE: 2,960 SQ.FT, (15%)

LANDSCAPE PROVIDED, TOTAL SITE: 8,516 SQ.FT, (43%) LOCATION OF LANDSCAPING: A MINIMUM OF 100% OF THE TOTAL REQUIRED LANDSCAPING SHALL BE LOCATED IN FRONT OF AND ALONG

2,140 SQ. FT

1.400 SQ. FT.

60 SQ. FT. OR 200 SQ. FT.

2,960 SQ.FT X 100% = 2,960 SQ.FT LANDSCAPE AREAS IN FRONT & SIDES 3,960 SQ.FT, (46%)

MIN. SIZE OF AREAS

ALL REQUIRED LANDSCAPING SHALL BE NO LESS THAN FIVE (5) FEET WIDE AND BE A MINIMUM OF 25 SF IN AREA UNLESS IT IS WITHIN TEN (10) FEET OF A BUILDING ON THE

THE SIDE OF BUILDINGS WITH STREET FRONTAGES

OF BUILDINGS:

DETENTION BASINS SHALL BE LANDSCAPED IN A NATURAL MANNER USING GROUND COVER, GRASSES, SHRUBS, BERMS, AND ACCENT AND CANOPY TREES. THERE SHALL BE A MINIMUM OF ONE (1) CANOPY TREE PER 750 SF AND ONE (1) ACCENT TREE PER 1,500 SF OF DETENTION AREA.

PROPOSED DETENTION BASIN: CANOPY TREES REQUIRED: CANOPY TREES PROVIDED: ACCENT TREES REQUIRED: ACCENT TREES PROVIDED:

1.500 SQ. FT. 2,960 SQ. FT. / 750 SQ. FT. = 2 CANOPY TREE 3 CANOPY TREE 2,960 SQ. FT. / 1,500 SQ. FT = 1 ACENT TREE 2 ACENT TREE

PARKING LOT LANDSCAPING

PARKING SPACES:

PARKING LOTS WITH MORE THAN TWO (2) ROWS OF PARKING SPACES (I.E. ONE [1] DRIVE ISLE WITH ROWS OF PARKING ON EITHER SIDE) SHALL HAVE A MINIMUM FOR FIVE (5%) PERCENT OR 200 SF OF LANDSCAPING --WHICHEVER IS GREATER -- IN THE INTERIOR OF THE PARKING LOT AREA. SUCH LANDSCAPING SHALL BE COUNTED TOWARD THE TOTAL REQUIRED LANDSCAPING.

PROPOSED PARKING AREA: REQ. PARKING AREA LANDSCAPING: PROPOSED PARKING LOT LANDSCAPING:

(1) LARGE CANOPY TREE FOR EVERY TEN (10) PARKING SPACES SHALL BE REQUIRED TO BE PLANTED INTERNAL TO THE PARKING AREAS. (3) NO TREE SHALL BE PLANTED CLOSER THAN FIVE (5) FEET TO THE EDGE OF PAVEMENT

1 LARGE CANOPY TREE TREES REQUIRED: 3 LARGE CANOPY TREE TREES PROVIDED:

05.02 LANDSCAPE BUFFERS - NON-RESIDENTIAL

REQ. ABUTTING A PUBLIC RIGHT-OF-WAY:

ALL LANDSCAPE BUFFERS SHALL INCORPORATE GROUND COVER, A BUILT-UP BERM AND SHRUBBERY OR A COMBINATION THEREOF ALONG THE ENTIRE LENGTH OF THE FRONTAGE. BERMS AND SHRUBBERY SHALL FACH HAVE MINIMUM HEIGHT OF 30-INCHES AND A MAXIMUM HEIGHT OF 48- INCHES. IN

INDUSTRIAL/OFFICE/TECHNOLOGY LAND USES: 50-FEET

4207" STREET FRONTAGE REQUIRED PLANTING: PROVIDED 10' BUFFER:

TWO (1) CANOPY TREES FOUR (2) ACCENT TREES SHALL BE PLANTED PER 100-FEET OF LINEAR FRONTAGE ALONG THE PRIMARY ROADWAY.

BASED ON CITY OF ROCKWALL | UNIFIED DEVELOPMENT CODE

### DI A NIT COLLEDIII E

PLANT SCHEDULE						
CODE	TREES	QTY	BOTANICAL / COMMON NAME	CAL.	CONT.	SIZE
QB		5	QUERCUS MACROCARPA / BUR OAK	4" CAL	CONT.	14' MIN
АМ		4	ACER SACCHARUM 'CADDO'/ CADDO MAPLE	4" CAL	CONT.	12' MIN
PA		19	PINUS ELDARICA /AFGHAN PINE	4" CAL	CONT.	12' MIN
AS	Thuman the state of the state o	9	ACER TRUNCATUM/ SHANTUNG MAPLE	4" CAL	CONT.	12' MIN
CODE	<u>SHRUBS</u>	QTY	BOTANICAL / COMMON NAME	CONTAI NER	SPACING	SIZE
ID		95	ILEX VOMITORIA 'NANA' / DWARF YAUPON HOLLY	5 GAL.	36" OC	24" MIN
11	*	96	JUNIPERUS SP. /JUNIPER	5 GAL.	36" OC	24" MIN
CODE	GROUND COVERS	<u>QTY</u>	BOTANICAL / COMMON NAME	CONT	SPACING	SIZE
СВ		8,516 SQ.FT	CYNODON DACTYLON / BERMUDA GRASS	SOND		

	120' - 11" S 85° 34' 53" 120.83'		
AREA: 4,9 BLOCK A LOT 10	DETENTION AREA = 1,250 SC  3,125 FT3  20' - 0"  20' DRAINAGE FASEMENT  AS  AS  AREA 19,723 SQ. FT. CB  59' - 7"  MERCIAL  DUSTRIAL (LI) DISTRICT  987 SQ.FT.	20' - 0' C8 20' - 0' C0	
166'-7"  N04° 08'22" E 166  A)  A)  A)  A)  A)  A)  A)  A)  A)	25' - 7"	3.04° 08' 22" W 160' - 1"	
A) 25 BL 9' - 0" 9' - 0" 9' - 0" 9' - 0" 9' - 0" 9' - 0" WATER LINE 8"	PARKING SPACE 10 9'-0" 9'-0" 9'-0" 9'-0" 10 9'-0" 10 10 10 10 10 10 10 10 10 10 10 10 10	9'-0" 9'-0"  ORE DRIVE  20'-0"  10'  10'  10'  10'  10'  10'  10'  1	
LANDSCAPE PLAN	120' - 10" WHITMORE DRIVE	SITE PLANE DATE	

# LANDSCAPE PLAN

3/32" = 1' 0" THE IRRIGATION SYSTEM WILL COMPLY WITH THE REQUIREMENTS OF THE UDC. WATER SHALL NOT BE DIRECTED TO DRAIN ONTO ADJOINING PROPERTY

### Equation for the calculation and sizing of wet ponds

For North Central Texas, the average 85th percentile annual rainfall event is 1.5 inches. Therefore, WQv is calculated using the following formula: WQv = 1.5 Rv A (1.2)

**WQv** = water quality protection volume (acre-feet) **Rv** = volumetric runoff coefficient **A** = total drainage area (acres)

IA = 200/CN - 2

la = initial abstraction **CN** = curve number

where: la = initial abstraction **P** = accumulated rainfall obtained from rainfall tables by county in the Hydrology TM Section

5.0 (inches) Using the following equation from TR-55 for a Type II rainfall distribution, VS/Vr can be calculated. VS/Vr = 0.682 - 1.43 (qO/qI) + 1.64 (qO/qI) 2/3 - 0.804 (qO/qI)

**VS** = required storage volume (acre-feet) **Vr** = runoff volume (acre-feet) **qO** = peak outflow discharge (cfs) **qI** = peak inflow discharge (cfs) The required storage volume can then be calculated by: VS = (VS/Vr)(Qd)(A) (3.2)

VS and Vr are defined above **Qd**= the developed runoff for the design storm (inches) **A** = total drainage area (acres)

SHE PLANE DATE	
SIZE OF LOT	19,737 SQ.FT.
BUILDING	4,987 SQ.FT.
LANDSCAPE AREA REQUIRED TOTAL SITE:	2,960 SQ.FT, (15%)
LANDSCAPE PROVIDED, TOTAL SITE:	8,516 SQ.FT, (43%)
DRIVEWAY	3,559 SQ.FT.
PARKING	2,140 SQ.FT.
TOTAL COVERED AREA	11,071 SQ.FT.
COVERAGE PERCENT	56%

REV. DATE COMMENTS 1 21/06/2024 a)- Existing flow patterns are maintained b)- capacity/volume and output shown c)- Landscape calculations are provided for the detention pond area. STEEL FENCING AND LANDSCAPING, IN ACCORDANCE WITH ALTERNATIVE #1 AF SUBSECTION 05.02 OF THE UNIFIED DEVELOPMENT CODE (UDC). **EXPIRATION DATE:** PAPER SIZE 36X24 LANDSCAPE PLANTING PLAN

DATE: 05/01/2023 DRAW BY:

DIRECTION:

PROJECT:

LOCATION:

**NEW COMERCIAL** 

AIR CONDITIONING EQUIPMENT STORAGE

SALVADOR SALCEDO

855 WHITMORE DRIVE,

ROCKWALL, TX

SHEET **03** OF **10** 

Planning & Zoning Commission, chairman

Director of Planning and Zoning

### TREE PROTECTION SPECIFICATIONS

#### **MATERIALS**

- " FABRIC: 4 FOOT HIGH ORANGE PLASTIC FENCING AS SHOWN ON THE PLANS AND SHALL BE WOVEN WITH 2 INCH MESH OPENINGS SUCH THAT IN 'AVERTICAL DIMENSION OF 23 INCHES ALONG THE DIAGONALS OF THE OPENINGS THERE SHALL BE AT LEAST 7 MESHES.
- POSTS: POSTS SHALL BE A MINIMUM OF 72 INCHES LONG AND STEEL T'SHAPED WITH A MINIMUM WEIGHT OF 1.3 POUNDS PER LINEAR FOOT.
- TIE WIRE WIRE FOR ATTACHING THE FABRIC TO THE T-POSTS SHALL BE NOT LESS THAN NO. 12 GAUGE
- USED MATERIALS: PREVIOUSLY-USED MATERIALS, MEETING THE ABOVE REQUIREMENTS AND WHEN APPROVED BY THE OWNER, MAY BE USED.

#### **CONSTRUCTION METHODS**

- ALL TREES AND SHRUBS SHOWN TO REMAIN WITHIN THE PROXIMITY OF THE CONSTRUCTION SITE SHALL BE PROTECTED PRIOR TO BEGINNING ANY DEVELOPMENT ACTIVITY.
- EMPLOY THE SERVICES OF AN ISA (INTERNATIONAL SOCIETY OF 'ARBORICULTURE) CERTIFIED ARBORIST AND OBTAIN ALL REQUIRED PERMITS TO PRUNE THE EXISTING TREES FOR CLEANING, RAISING AND. THINNING, AS
- MAY BE REQUIRED. PROTECTIVE FENCING SHALL BE ERECTED OUTSIDE THE CRITICAL ROOT. ZONE (GR EQUAL TO FROM THE TRUNK
- FOR EVERY 1° OF DEH) AT LOCATIONS SHOWN IN THE PLANS OR AS DIRECTED BY THE LANDSCAPE ONSULTANT ANDIOR CITY ARBORIST, AND IN ACCORDANCE WITH THE. DETAILS SHOWN ON THE PLANS. FENCING SHALL BE MAINTAINED AND REPAIRED BY THE CONTRACTOR DURING SITE CONSTRUCTION. TREES IN
- CLOSE PROXIMITY SHALL BE FENCED TOGETHER, RATHER THAN INDIVIDUALLY. PROTECTIVE FENCE LOCATIONS IN CLOSE PROXIMITY TO STREET INTERSECTIONS OR DRIVES SHALL ADHERE TO
- THE APPLICABLE JURISDICTION'S SIGHT DISTANCE CRITERIA. THE PROTECTIVE FENCING SHALL BE ERECTED BEFORE SITE WORK COMMENCES AND SHALL REMAIN IN PLAGE DURING THE ENTIRE. CONSTRUCTION PHASE. THE INSTALLATION POSTS SHALL BE PLACED EVERY § FEET ON CENTER AND EMBEDDED TO 18 INCHES DEEP. MESH FABRIC SHALL BE ATTACHED TO THE INSTALLATION POSTS BY THE USE OF SUFFICIENT WIRE TIES TO SECURELY FASTEN THE FABRIC TO THE T-POSTS TO HOLD THE FABRIC INA 'STABLE AND UPRIGHT POSITION.
- WITHN THE CRZ.

REMOVED.

- DO NOT CLEAR, FILL OR GRADE IN THE CRZ OF ANY TREE.
- DO NOT STORE, STOCKPILE OR DUMP ANY JOB MATERIAL, SOIL OR RUBBISH UNDER THE SPREAD OF THE
- DO NOT PARK OR STORE ANY EQUIPMENT OR SUPPLIES UNDER THE TREE CANOPY. DO NOT SET UP ANY CONSTRUCTION OPERATIONS UNDER THE TREE
- CANOPY (SUCH AS PIPE CUTTING AND THREADING, MORTAR MIXING. FAINTING OR LUMBER CUTTING). DO NOT NAIL OR ATTACH TEMPORARY SIGNS METERS, SWITCHES, IRES, BRACING OR ANY OTHER ITEM TO
- ONOT PERT RUNOFF FROM WASTE MATERIALS INCLUDING. SOLVENTS, CONCRETE WASHOUTS, ASPHALT TACK COATS (MC-30 OIL), ETC. TO ENTER THE CRZ. BARRIERS ARE TO BE PROVIDED TO. PREVENT SUCH RUNOFF SUBSTANCES FROM ENTERING THE CRZ WHENEVER POSSIBLE. INCLUDING IN AN AREA WHERE RAIN OR 'SURFACE WATER COULD CARRY SUCH MATERIALS TO THE ROOT'SYSTEM OF THE TREE ROUTE UNDERGROUND UTILITIES TO AVOID THE CRZ. IF DIGGING IS UNAVOIDABLE, BORE
- THE ROOTS, OR HAND DIG TO AVOID SEVERING THEM,
- WHERE EXCAVATION IN THE VICINITY OF TREES MUST OCCUR, SUCH AS FOR IRRIGATION INSTALLATION. PROCEED WITH CAUTION, AND USING HAND TOOLS ONLY.
- .THE CONTRACTOR SHALL NOT GUT ROOTS LARGER THAN ONE INGH IN DIAMETER WHEN EXCAVATION OCCURS NEAR EXISTING TREES. ALL ROOTS LARGER THAN ONE INCH IN DIAMETER ARE TO BE CUT CLEANLY. FOR OAKS ONLY. ALL WOUNDS SHALL BE PAINTED WITH
- WOUND SEALER WITHIN 30 MINUTES REMOVE ALL TREES, SHRUBS OR BUSHES TO BE CLEARED FROM PROTECTED ROOT ZONE AREAS BY HAND.
- TREES DAMAGED OR KILLED DUE TO CONTRACTOR'S NEGLIGENCE DURING. CONSTRUCTION SHALL BE MITIGATED AT THE CONTRACTOR'S EXPENSE AND TO THE PROJECT OWNER'S AND LOCAL JURISDICTION'S SATISFACTION.
- ANY TREE REMOVAL SHALL BE APPROVED BY THE OWNER AND LOCAL JURISDICTION PRIOR TO ITS REMOVAL, AND THE CONTRACTOR SHALL HAVE ALL REQUIRED PERMITS FOR SUCH ACTIVITIES.
- COVER EXPOSED ROOTS AT THE END OF EACH DAY WITH SOIL, MULCH OR WET BURLAP. IN CRITICAL ROOT ZONE AREAS THAT CANNOT BE PROTECTED DUING CONSTRUCTION AND WHERE HEAVY TRAFFIC IS ANTICIPATED, COVER THE SOIL WITH EIGHT INCHES OF ORGANIC MULCH TO MINMIZE SOIL COMPACTION. THIS EIGHT INCH DEPTH OF MULGH SHALL BE
- MAINTAINED. THROUGHOUT CONSTRUCTION. WATER ALL TREES IMPACTED BY CONSTRUCTION ACTIVITIES, DEEPLY ONCE AWEEK DURING PERIODS OF HOT DRY WEATHER. SPRAY TREE CROWNS WITH WATER PERIODICALLY TO REDUGE
- DUST ACCUMULATION ON THE LEAVES. WHEN INSTALLING CONCRETE ADJAGENT TO THE ROOT ZONE OF A TREE, USE A PLASTIC VAPOR
- BARRIER BEHIND THE CONCRETE TO PROHIBIT LEACHING OF LIME INTO THE SOIL. CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL TREE PROTECTION FENCING WHEN ALL THREATS TO THE EXISTING TREES FROM CONSTRUCTION RELATED ACTIVITIES HAVE BEEN

### TREE PROTECTION GENERAL NOTES

- PRIOR TO THE LAND CLEARING STAGE OF DEVELOPMENT, THE CONTRACTOR SHALL CLEARLY MARK ALL PROTECTED TREES FOR WHICH A TREE REMOVAL PERMIT HAS NOT BEEN ISSUED AND SHALL ERECT BARRIERS FOR THE PROTECTION OF THE TREES ACCORDING TO THE FOLLOWING:
- AROUND AN AREA AT OR GREATER THAN A SIX-FOOT RADIUS OF ALL SPECIES OF MANGROVES AND PROTECTED CABBAGE PALMS:
- AROUND AN AREA AT OR GREATER THAN THE FULL DRIPLINE OF ALL PROTECTED NATIVE PINES;
- AROUND AN AREA AT OR GREATER THAN TWO-THIRDS OF THE DRIPLINE OF ALL OTHER PROTECTED SPECIES.
- NO PERSON SHALL ATTACH ANY SIGN, NOTICE OR OTHEROBJECT TO ANY PROTECTED TREE OR FASTEN ANY WIRES, CABLES, NAILS OR SCREWS TO ANY PROTECTED TREE IN ANY MANNER THAT COULD PROVE HARMFUL TO THE PROTECTED TREE, EXCEPT AS NECESSARY IN CONJUNCTION WITH ACTIVITIES IN THE PUBLIC INTEREST.
- DURING THE CONSTRUCTION STAGE OF DEVELOPMENT, THECONTRACTOR SHALL NOT CAUSE OR PERMIT THE CLEANING OF EQUIPMENT OR MATERIAL WITHIN THE OUTSIDE PERIMETER OF THE CROWN (DRIPLINE) OR ON THE NEARBY GROUND OF ANY TREE OR GROUP OF TREES WHICH IS TO BE PRESERVED. WITHIN THE OUTSIDE PERIMETER OF THE CROWN (DRIPLINE) OF ANY TREE OR ON NEARBY GROUND, THE CONTRACTOR SHALL NOT CAUSE OR PERMIT STORAGE OF BUILDING MATERIAL AND/OR EQUIPMENT, OR DISPOSAL OF WASTE MATERIAL SUCH AS PAINTS, OIL, SOLVENTS, ASPHALT, CONCRETE, MORTAR OR ANY OTHER MATERIAL HARMFUL TO THE LIFE
- NO PERSON SHALL PERMIT ANY UNNECESSARY FIRE ORBURNING WITHIN 30 FEET OF THE DRIPLINE OF A
- ANY LANDSCAPING ACTIVITIES WITHIN THE BARRIER AREASHALL BE ACCOMPLISHED WITH HAND LABOR.
- PRIOR TO ISSUING A CERTIFICATE OF OCCUPANCY OR COMPLIANCE FOR ANY DEVELOPMENT, BUILDING OR STRUCTURE, ALL TREES DESIGNATED TO BE PRESERVED THAT WERE DESTROYED DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR WITH TREES OF EQUIVALENT DIAMETER AT BREAST HEIGHT TREE CALIPER AND OF THE SAME SPECIES AS SPECIFIED BY THE CITY ADMINISTRATOR, BEFORE OCCUPANCY OR USE, UNLESS APPROVAL FOR THEIR REMOVAL HAS BEEN GRANTED UNDER PERMIT.
- THE CITY ADMINISTRATOR MAY CONDUCT PERIODIC INSPECTIONS OF THE SITE DURING LAND CLEARANCE AND CONSTRUCTION.
- IF, IN THE OPINION OF THE CITY ADMINISTRATOR, DEVELOPMENT ACTIVITIES WILL SO SEVERELY STRESS SLASH PINES OR ANY OTHER PROTECTED TREE SUCH THAT THEY ARE MADE SUSCEPTIBLE TO INSECT ATTACK, PREVENTATIVE SPRAYING OF THESE TREES BY THE CONTRACTOR MAY BE REQUIRED.

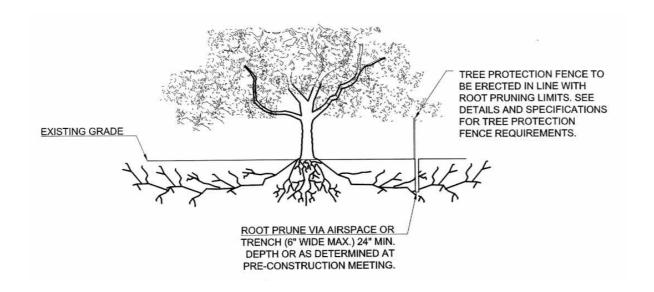
# APROVED:

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 Commision of the City of Rockwall on the 22 day of April, 2024.

**Director of Planning and Zoning** 

WITNESS OUR HANDS, THIS 22 DAY OF APRIL, 2024

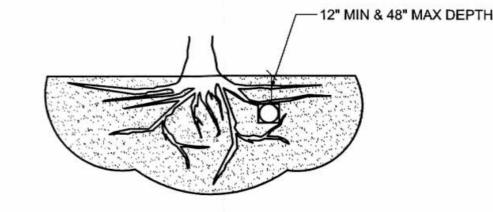
Planning & Zoning Commission, chairman



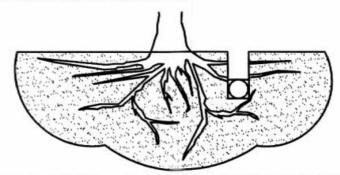
#### **ROOT PRUNING DETAIL**

TREES THAT ARE MARKED TO BE PRESERVED ON A SITE PLAN AND FOR WHICH UTILITIES MUST PASS TROUGH THEIR ROOT PROTECTION ZONES MAY REQUIRE TUNNELING AS OPPOSED TO OPEN TRENCHES. THE DECISION TO TUNNEL WILL BE DETERMINED ON A CASE BY CASE BASIS BY THE ENGINEER.

TUNNELS SHALL BE DUG THROUGH THE ROOT PROTECTION ZONE IN ORDER TO MINIMIZE ROOT DAMAGE.



TUNNEL TO MINIMIZE ROOT DAMAGE (TOP) AS OPPOSED TO SURFACE-DUG TRENCHES IN ROOT PROTECTION ZONE WHEN THE 5' MINIMUM DISTANCE FROM TRUNK CAN NOT BE ACHIEVED

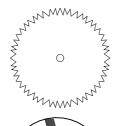


OPEN TRENCHING MAY BE USED IF EXPOSED TREE ROOTS DO NOT EXCEED 3" OR ROOTS CAN BE BENT BACK.

BORING THROUGH ROOT PROTECTION ZONE

NOTE: ALL TREE TRIMMING MUST BE APPROVED BY THE OWNER AND LOCAL JURISDICTION PRIOR TO COMMENCEMENT OF WORK. ALL TREE TRIMMING MUST BE DONE BY AN ISA CERTIFIED ARBORIST IN ACCORDANCE WITH LOCAL TREE PRESERVATION ORDINANCE.

# **EXISTING TREE LEGEND**



**EXISTING TREE OFF SITE** 

**TOTAL MIGRATION REQUIRED:** 

**BALANCE OF MITIGATION:** 

**SPECIES** 

**RED OAK** 

PROPOSED CODE REQUIRED TREES:

4" CAL. MITIGATION TREES (5) ON SITE

**EXISTING TREE TO BE REMOVED** 

TREE MIGRATION SUMMARY

CALIPER

10

14"

21"

PROTECT OR

REMOVE

**REMOVE** 

TREESCAPE PLAN SPRADSHEET

TREE HEALTH

(1-5)

DISEASE

(Y/N)

INSECT

(Y/N)

LANDSCAPE PLAN

**STRUCTURAL** 

(Y/N)

TOTAL:

**MITIGATION** 

REQUIRED

40''

40"

**WATER LINE 8** 

3/32" = 1'0"

9' - 0"

WHITMORE DRIVE

120' - 10''

N 88° 27' 16" W 120.95

25' - 7"

PARKING SPACES

\$ 85° 34' 53" 120.83'

**NEW COMERCIAL** 

AREA: 4,987 SQ.FT.

**BLOCK A** 

**LOT 10** 

LIGHT INDUSTRIAL (LI) DISTRICT

BUILDING	4,987 SQ.FT.
LANDSCAPE AREA REQUIRED TOTAL SITE:	2,960 SQ.FT, (15%)
LANDSCAPE PROVIDED, TOTAL SITE:	8,516 SQ.FT, (38%)
DRIVEWAY	3,559 SQ.FT.
PARKING	2,140 SQ.FT.
TOTAL COVERED AREA	11,071 SQ.FT.
COVERAGE PERCENT	56%

26' - 6"

SITE PLANE DATE

SIZE OF LOT

**PROJECT NEW COMERCIAL** AIR CONDITIONING EQUIPMENT STORAGE

SALVADOR SALCEDO

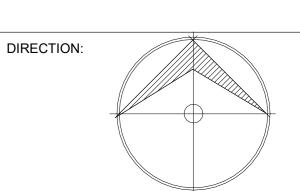
LOCATION: 855 WHITMORE DRIVE,

ROCKWALL, TX

**EXISTING TREE LEGEND** 



EXISTING TREE TO BE REMOVED



REV. DATE COMMENTS

**EXPIRATION DATE:** PAPER SIZE 36X24

TRESCAPE PLAN DETAILS & **SPECIFICATIONS** 

DATE: 05/01/2023 DRAW BY:

19,737 SQ.FT.

TD1 SHEET **04** OF **10** 

