

LANDSCAPE TABULATIONS ROCKWALL, TEXAS

Perimeter Collector Street or Arterial Roadway

1. A minimum of 10' wide landscape buffer shall be required. Frontage shall contain berms and shrubbery to have a total minimum height of 30". 2. One canopy tree and one accent tree shall be incorporated every 50 l.f. B. Headlight screening shall be provided where parking is adjacent to the street. A 2' tall perm with mature evergreen shrubs along the entire adjacency

Frontage = 132 l.f.

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REQUIRED	PROVIDED	
10' wide buffer	10' wide buffer	
berm and/or shrubs	shrubs 36" ht.	
3 canopy trees, 4" cal.	5 canopy trees, 4" cal.	
3 accent trees, 4' ht.	7 accent trees, 4' ht.	

1. Commercial landscape requirements must total a minimum of 20% of the

Landscape Requirements

2. 50% of the required landscape shall be located in the front yard.

REQUIRED	PROVIDED
6117 s.f. (20%)	6751 s.f. (22%)
3058 s.f. (50%)	3511 s.f.

IMPERVIOUS COVER

23,832 s.f. 78% Parking Lot Landscape

1. 5% of the parking lot area shall be landscape. 2. One large canopy tree shall be provided for every 10 spaces. 3. No parking space shall be located more than 80' from the trunk of a canopy

Parking spaces: 26

PROVIDED 3061 s.f. (30%) 1998 s.f. (20%) 3 canopy trees, 4" cal. 3 canopy trees, 4" cal.

TREES HAVE BEEN PLACED IN THE

GENERAL LAWN NOTES

- 1. CONTRACTOR SHALL COORDINATE OPERATIONS AND AVAILABILITY OF EXISTING TOPSOIL WITH ON-SITE CONSTRUCTION MANAGER
- 2. LAWN AREAS SHALL BE LEFT 1 BELOW FINAL FINISHED GRADE PRIOR TO TOPSOIL INSTALLATION. 3. CONTRACTOR TO FIND GRADE AREAS TO ACHIEVE FINAL CONTOURS
- AS SHOWN ON CIVIL DRAWINGS. POSITIVE DRAINAGE SHALL BE PROVIDED AWAY FROM ALL BUILDINGS. ROUNDING AT TOP AND BOTTOM OF SLOPES SHALL BE PROVIDED AND IN OTHER BREAKS IN GRADE. CORRECT AREAS WHERE STANDING WATER MAY OCCUR. 4. ALL LAWN AREAS SHALL BE FINE GRADED, IRRIGATION TRENCHES COMPLETELY SETTLED AND FINISH GRADE APPROVED BY THE OWNER'S
- CONSTRUCTION MANAGER OR LANDSCAPE ARCHITECT PRIOR TO LAWN INSTALLATION. 5. CONTRACTOR SHALL REMOVE ALL ROCKS 3/4" IN DIAMETER AND LARGER. REMOVE ALL DIRT CLODS, STICKS, CONCRETE SPOILS, TRASH
- ETC PRIOR TO PLACING TOPSOIL AND GRASS INSTALLATION. 6. CONTRACTOR SHALL MAINTAIN ALL LAWN AREAS UNTIL FINAL
- 7. CONTRACTOR SHALL GUARANTEE ESTABLISHMENT OF ACCEPTABLE TURF AREA AND SHALL PROVIDE REPLACEMENT IF NECESSARY.

- SOLID SOD:

 1. SOLID SOD SHALL BE PLACED ALONG ALL IMPERVIOUS EDGES, AT A MINIMUM. THIS SHALL INCLUDE CURBS, WALKS, INLETS, MANHOLES AND PLANTING BED AREAS. SOD SHALL COVER OTHER AREAS COMPLETELY AS INDICATED BY PLAN.
- SOD SHALL BE STRONGLY ROOTED DROUGHT RESISTANT SOD, NOT LESS THAN 2 YEARS OLD, FREE OF WEEDS AND UNDESIRABLE NATIVE GRASS AND MACHINE CUT TO PAD THICKNESS OF 3/4" (+1/4"), EXCLUDING TOP GROWTH AND THATCH.
- 3. LAY SOD BY HAND TO COVER INDICATED AREAS COMPLETELY. ENSURING EDGES ARE TOUCHING WITH TIGHTLY FITTING JOINTS, NO OVERLAPS WITH STAGGERED STRIPS TO OFFSET JOINTS.
- 4. TOP DRESS JOINTS IN SOD BY HAND WITH TOPSOIL TO FILL VOIDS IF 5. SOD SHALL BE ROLLED TO CREATE A SMOOTH EVEN SURFACE. SOD
- SHOULD BE WATERED THOROUGHLY DURING INSTALLATION PROCESS. 6. SHOULD INSTALLATION OCCUR BETWEEN OCTOBER 1ST AND MARCH 1ST, OVERSEED BERMUDAGRASS SOD WITH WINTER RYEGRASS AT A

RATE OF 4 POUNDS PER 1000 S.F.

- 1. SCARIFY AND LOOSEN ALL AREAS TO BE HYDROMULCHED TO A MINIMUM DEPTH OF 4" PRIOR TO TOPSOIL AND HYDROMULCH
- INSTALLATION. 2. BERMUDA GRASS SEED SHALL BE EXTRA HULLED, TREATED LAWN TYPE. SEED SHALL BE DELIVERED TO THE SITE IN ITS ORIGINAL UNOPENED CONTAINER AND SHALL MEET ALL STATE/LOCAL LAW 3. FIBER SHALL BE 100% WOOD CELLULOSE FIVER, DELIVERED TO THE
- SITE IN ITS ORIGINAL UNOPENED CONTAINER AS MANUFACTURED BY "CONWEB' OR EQUAL. 4. FIBER TACK SHALL BE DELIVERED TO THE SITE IN ITS UNOPENED CONTAINER AND SHALL BE 'TERRO-TACK ONE', AS MANUFACTURED
- BY GROWERS, INC OR APPROVED EQUAL. 5. HYDROMULCH WITH BERMUDA GRASS SEET AT A RATE OF 2 POUNDS PER 1000 S.F.
- 6. USE A BATTER BOARD AGAINST ALL BED AREAS TO PREVENT OVER
- 7. IF INADEQUATE MOISTURE IS PRESENT IN SOIL, APPLY WATER AS NECESSARY FOR OPTIMUM MOISTURE FOR SEED APPLICATION. 8. IF INSTALLATION OCCURS BETWEEN SEPTEMBER 1ST AND MAY 1ST.
- ALL HYDORMULCH AREAS SHALL BE OVER-SEEDED WITH WINTER RYE GRASS AT A RATE OF FOUR POUNDS PER ONE THOUSAND SQUARE FEET. CONTRACTOR SHALL BE REQUIRED TO RE-HYDROMULCH WITH BERMUDA GRASS THE FOLLOWING GROWING SEASON AS PART OF THIS CONTRACT.
- 9. AFTER APPLICATION, NO EQUIPMENT SHALL OPERATE OVER APPLIED AREAS. WATER SEEDED AREAS IMMEDIATELY AFTER INSTALLATION TO SATURATION.
- 10. ALL LAWN AREAS TO BE HYDROMULCHED SHALL ACHIEVE 100% COVERAGE PRIOR TO FINAL ACCEPTANCE.

LANDSCAPE NOTES

- 1. CONTRACTOR TO VERIFY AND LOCATE ALL PROPOSED AND EXISTING ELEMENTS, NOTIFY LANDSCAPE ARCHITECT OR DESIGNATED REPRESENTATIVE FOR ANY LAYOUT DISCREPANCIES OR ANY CONDITION THAT WOULD PROHIBIT THE INSTALLATION AS SHOWN. SURVEY DATA OF
- EXISTING CONDITIONS WAS SUPPLIED BY OTHERS CONTRACTOR SHALL CALL 811 TO VERIFY AND LOCATE ANY AND ALL UTILITIES ON SITE PRIOR TO COMMENCING WORK. LANDSCAPE ARCHITECT SHOULD BE NOTIFIED OF ANY CONFLICTS. CONTRACTOR TO EXERCISE EXTREME CAUTION WHEN WORKING NEAR UNDERGROUND
- 3. A MINIMUM OF 2% SLOPE SHALL BE PROVIDED AWAY FROM ALL STRUCTURES. CONTRACTOR SHALL FINE GRADE AREAS TO ACHIEVE FINAL CONTOURS AS INDICATED. LEAVE AREAS TO RECEIVE TOPSOIL 3" BELOW FINAL FINISHED GRADE IN PLANTING AREAS AND 1" BELOW FINAL FINISHED
- GRADE IN LAWN AREAS. 5. LANDSCAPE ISLANDS SHALL BE CROWNED, AND UNIFORM THROUGHOUT
- 6. PLANTING AREAS AND SOD TO BE SEPARATED BY STEEL EDGING. NO STEEL EDGING SHALL BE INSTALLED ADJACENT TO BUILDINGS, WALKS
- OR CURBS. EDGING NOT TO BE MORE THAN 1/2" ABOVE FINISHED GRADE. EDGING SHALL BE CUT AT 45 DEGREE ANGLE WHERE IT INTERSECTS
- WALKS AND/OR CURBS 8. MULCH SHALL BE INSTALLED AT 1/2" BELOW THE TOPS OF SIDEWALKS AND CURBING.
- 9. QUANTITIES ON THESE PLANS ARE FOR REFERENCE ONLY. THE SPACING OF PLANTS SHOULD BE AS INDICATED ON PLANS OR OTHERWISE NOTED. ALL TREES AND SHRUBS SHALL BE PLANTED PER DETAILS.
- 10. CONTAINER GROWN PLANT MATERIAL IS PREFERRED HOWEVER BALL AND BURLAP PLANT MATERIAL CAN BE SUBSTITUTED IF NEED BE AND IS APPROPRIATE TO THE SIZE AND QUALITY INDICATED ON THE PLANT MATERIAL LIST.
- 11. TREES SHALL BE PLANTED AT A MINIMUM OF 5' FROM ANY UTILITY LINE, SIDEWALK OR CURB. TREES SHALL ALSO BE 10' CLEAR FROM FIRE
- 12. 4" OF SHREDDED HARDWOOD MULCH (2" SETTLED THICKNESS) SHALL BE PLACED OVER WEED BARRIER FABRIC. MULCH SHALL BE SHREDDED HARDWOOD MULCH OR APPROVED EQUAL, PINE STRAW MULCH IS
- 13. WEED BARRIER FABRIC SHALL BE USED IN PLANT BEDS AND AROUND ALL TREES AND SHALL BE MIRAFI 1405 WEED BARRIER OR APPROVED EQUAL. 14. CONTRACTOR TO PROVIDE UNIT PRICING OF LANDSCAPE MATERIALS AND BE RESPONSIBLE FOR OBTAINING ALL LANDSCAPE AND IRRIGATION

1. ALL REQUIRED LANDSCAPE AREAS SHALL HAVE AN AUTOMATIC IRRIGATION SYSTEM WITH A FREEZE/RAIN SENSOR. SYSTEM SHALL ALSO HAVE AN ET WEATHER BASED CONTROLLER AND BE DESIGNED AND INSTALLED BY A LICENSED IRRIGATOR.

- MAINTENANCE REQUIREMENTS:

 1. VEGETATION SHOULD BE INSPECTED REGULARLY TO ENSURE THAT PLANT MATERIAL IS ESTABLISHING PROPERLY AND REMAINS IN A HEALTHY GROWING CONDITION APPROPRIATE FOR THE SEASON. IF DAMAGED OR REMOVED, PLANTS MUST BE REPLACED BY A SIMILAR VARIETY AND SIZE.
- 2. MOWING, TRIMMING, EDGING AND SUPERVISION OF WATER APPLICATIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR UNTIL THE OWNER OR OWNER'S REPRESENTATIVE ACCEPTS AND ASSUMES REGULAR MAINTENANCE.
- 3. ALL LANDSCAPE AREAS SHOULD BE CLEANED AND KEPT FREE OF TRASH, DEBRIS, WEEDS AND OTHER MATERIAL.

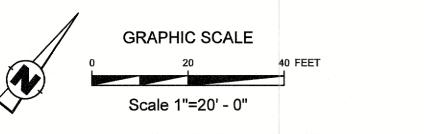
MISCELLANEOUS MATERIALS: 1. STEEL EDGING SHALL BE 3/16" X 4 X 16' DARK GREEN DURAEDGE STEEL LANDSCAPE EDGING UNLESS NOTED OTHERWISE ON

2. DECOMPOSED GRANITE SHALL CONSIST OF A NATURAL MIX OF GRANITE AGGREGATE NOT TO EXCEED 1/8" IN DIAMETER AND COMPOSED OF VARIOUS STAGES OF DECOMPOSED EARTH BASE, DG SHALL BE PLACED OVER FILTER FABRIC AT A MINIMUM OF 3" DEPTH.

IRRIGATION WILL MEET THE REQUIREMENTS OF THE UNIFIED DEVELOPMENT CODE (UDC) (SUBSECTION 05.04. OF ARTICLE 08)

OTY	LABEL	COMMON NAME	SCIENTIFIC NAME	SIZE	NOTES
Q2 II II	Mari A To Stold Maris Steps		OOILINIII TO NAME	0.22	HOTES
•		SHADE TREES	Marke manifolia (Common incom)	4"!	40164 41
3	LE	Lacebark Elm	Ulmus parvifolia 'Sempervirens'	4" cal.	12' ht., 4' spread
7	RO	Texas Red Oak	Quercus buckleyi	4" cal.	12' ht., 5' spread
		ORNAMENTAL TREES			
9	DW	Desert Willow	Chilopsis linearis	30 gal.	8' ht., 4' spread, multi trunk, 3 cane min.
		SHRUBS			
38	DBH	Dwarf Burford Holly	Ilex cornuta ' Burford Nana'	5 gal.	full, 20" spread, 36" o.c.
7	DY	Dwarf Yaupon Holly	Ilex vomitoria 'Condeaux'	5 gal.	full, 24" sprd, 24" o.c.
-5	MS	Morning Light Miscanthus	Miscanthus sinensis 'Morning Light'	5 gal.	full, 20" spread, 36" o.c.
10	NRS	Nellie R Stevens Holly	Illex x 'Nellie R. Stevens'	7 gal.	full, 40" o.c.
8	RR	Rock Rose	Pavonia lasiopetala	5 gal.	full, 24" sprd, 24" o.c.
22	TS	Texas Sage 'Green Cloud'	Leucophyllum frutescens 'Green Cloud'	5 gal.	full, 24" sprd, 36" o.c.
		GROUNDCOVER/VINES/O	GRASS		
25	GL	Giant Lirope	Liriope gigantea	1 gal.	full, 18" o.c.
		Bermuda Solid Sod	Cynodon dactylon	•	
		Decomposed Granite			

Plant list is an aid to bidders only. Contractor shall verify all quantities on plan. All heights and spreads are minimums. Trees shall have a strong central leader and be of matching specimens. All plant material shall meet or exceed remarks as indicated.



APPROVED: I HEREBY CERTIFY THAT THE ABOVE AND FORGOING SITE PLAN FOR A DEVELOPMENT IN THE CITY OF ROCKWALL, TEXAS, WAS APPROVED BY THE PLANNING AND ZONING COMMISSION OF THE CITY OF ROCKWALL ON THE 28 DAY OF MACK., 2023

WITNESS OUR HANDS, THIS 28 DAY OF Morch, 2023.

RECTOR OF PLANNING AND ZONING

SP2022-026





CONTRACT DATE

BUILDING TYPE: PLAN VERSION: SITE NUMBER: STORE NUMBER:

QDOBA

RIDGE ROAD ROCKWALL, TX

QDOBA

LANDSCAPE PLAN

SECTION 32 9300 - LANDSCAPI

- PART 1 GENERAL 1.1 QUALIFICATIONS OF THE LANDSCAPE CONTRACTOR.
- A. ALL LANDSCAPE WORK SHOWN ON THESE PLANS SHALL BE PERFORMED BY A SINGLE FIRM SPECIALIZING IN LANDSCAPE PLANTING
- 1.2 REFERENCE DOCUMENTS A. REFER TO LANDSCAPE PLANS, NOTES, SCHEDULES AND DETAILS FOR ADDITIONAL REQUIREMENTS
- 1.3 SCOPE OF WORK / DESCRIPTION OF WORK A. WORK COVERED BY THESE SECTIONS INCLUDES: FURNISH ALI SUPERVISIONS. LABOR. MATERIALS. SERVICES. EQUIPMENT AND
- APPLIANCES REQUIRED TO COMPLETE THE WORK COVERED IN CONJUNCTION WITH THE LANDSCAPING COVERED IN LANDSCAPE PLANS AND SPECIFICATIONS INCLUDING:
- PLANTING (TREES, SHRUBS, GRASSES)
- NOTIFICATION OF SOURCES WATER AND MAINTENANCE UNTIL ACCEPTANCE

BED PREP AND FERTILIZATION

- B. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE LAWS, CODES AND REGULATIONS REQUIRED BY AUTHORITIES HAVING JURISDICTION OVER SUCH WORK, INCLUDING ALL INSPECTIONS AND PERMITS REQUIRED BY FEDERAL STATE AND LOCAL AUTHORITIES IN SUPPLY, TRANSPORTATION AND INSTALLATION OF MATERIALS.
- C. THE LANDSCAPE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITY LINES (WATER, SEWER, ELECTRICAL, TELEPHONE, GAS, CABLE, TELEVISION, ETC.) PRIOR TO THE START OF ANY WORK
- A. AMERICAN STANDARD FOR NURSERY STOCK PUBLISHED BY AMERICAN ASSOCIATION OF NURSERYMEN; 27 OCTOBER 1980, EDITION; BY AMERICAN NATIONAL STANDARDS INSTUTUTE (Z60.1) - PLANT MATERIAL
- B. AMERICAN JOINT COMMITTEE ON HORTICULTURE NOMENCLATURE; 1942 EDITION OF STANDARDIZED PLANT NAMES. C. TEXAS ASSOCIATION OF NURSERYMEN, GRADES AND STANDARDS
- 1.5 SUBMITTALS A. PROVIDE REPRESENTATIVE QUANTITIES OF EACH SOIL, MULCH, BED MIX GRAVEL AND STONE BEFORE INSTALLATION. SAMPLES TO BE APPROVED BY OWNER'S REPRESENTATIVE BEFORE USE.
- B. SOIL AMENDMENTS AND FERTILIZERS SHOULD BE RESEARCHED AND BASED ON THE SOILS IN THE AREA. C. BEFORE INSTALLATION, SUBMIT DOCUMENTATION THAT PLANT MATERIALS
- ARE AVAILABLE AND HAVE BEEN RESERVED, FOR ANY PLANT MATERIAL NOT AVAILABLE, SUBMIT REQUEST FOR SUBSTITUTION.
- 1.6 JOB CONDITIONS, DELIVERY, STORAGE AND HANDLING A. GENERAL CONTRACTOR TO COMPLETE WORK BEFORE LANDSCAPE
- CONTRACTOR TO COMMENCE. B. ALL PLANTING BED AREAS SHALL BE LEFT THREE INCHES BELOW FINAL GRADE OF SIDEWALKS, DRIVES AND CURBS. ALL AREAS TO RECEIVE SOLID SOD SHALL BE LEFT ONE INCH BELOW THE FINAL GRADE OF WALKS, DRIVES AND CURBS, CONSTRUCTION DEBRIS SHALL BE REMOVED PRIOR TO LANDSCAPE CONTRACTOR BEGINNING WORK
- C. STORAGE OF MATERIALS AND EQUIPMENT AT THE JOB SITE WILL BE AT THE RISK OF THE LANDSCAPE CONTRACTOR. THE OWNER CANNOT BE HELD RESPONSIBLE FOR THEFT OR DAMAGE.
- 1.7 SEQUENCING A. INSTALL TREES, SHRUBS, AND LINER STOCK PLANT MATERIALS PRIOR TO INSTALLATION OF LAWN/SOLID SOD.
- B. WHERE EXISTING TURF AREAS ARE BEING CONVERTED TO PLANTING BEDS, THE TURF SHALL BE CHEMICALLY ERADICATED TO MINIMIZE RE-GROWTH IN THE FUTURE. AREAS SHALL BE PROPERLY PREPARED WITH AMENDED

1.8 MAINTENANCE AND GUARANTEE

PLAN

SECTIONS

- A. THE LANDSCAPE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR THE MAINTENANCE OF ALL WORK FROM THE TIME OF PLANTING UNTIL FINAL
- ACCEPTANCE BY OWNER. B. NO TREES, GRASS, GROUNDCOVER OR GRASS WILL BE ACCEPTED UNLESS THEY SHOW HEALTHY GROWTH AND SATISFACTORY FOLIAGE CONDITIONS. MAINTENANCE SHALL INCLUDE WATERING OF TREES AND PLANTS

CULTIVATION, WEED SPRAYING, EDGING, PRUNING OF TREES, MOWING O

GRASS, CLEANING UP AND ALL OTHER WORK NECESSARY FOR

- D. A WRITTEN NOTICE REQUESTING FINAL INSPECTION AND ACCEPTANCE SHOULD BE SUBMITTED TO THE OWNER AT LEAST 7 DAYS PRIOR TO COMPLETION. AN ON SITE INSPECTION BY THE OWNER'S AUTHORIZED REPRESENTATIVE WILL BE COMPLETED PRIOR TO WRITTEN ACCEPTANCE.
- E. NOTIFY OWNER OR OWNER'S REPRESENTATIVE SEVEN DAYS PRIOR TO THE EXPIRATION OF THE WARRANTY PERIOD. F. REMOVE DEAD, UNHEALTHY AND UNSIGHTLY PLANTS DURING WARRANTY
- G. REMOVE GUYING AND STAKING MATERIALS AFTER ONE YEAR H ALL LANDSCAPE MUST BE MAINTAINED AND GRASS MOWED/EDGED ON A
- WEEKLY SCHEDULE UNTIL ACCEPTANCE BY OWNER. REMOVE CLIPPINGS AND DEBRIS FROM SITE PROMPTLY REMOVE TRASH, DEBRIS, AND LITTER. WATER, PRUNE, RESTAKE TREES. FERTILIZE, WEED AND APPLY HERBICIDES AND FUNGICIDES AS REQUIRED.

J. COORDINATE THE OPERATION OF IRRIGATION SYSTEM TO ENSURE THAT

- PLANTS ARE ADEQUATELY WATERED. HAND WATER AREAS NOT RECEIVING ADEQUATE WATER FROM AN IRRIGATION SYSTEM K. THE LANDSCAPE CONTRACTOR SHALL MAINTAIN THE IRRIGATION SYSTEM IN ACCORDANCE TO THE MAINTENANCE SERVICE TO ENSURE THE SYSTEM IS IN PROPER WORKING ORDER WITH SCHEDULING ADJUSTMENTS BY SEASON TO MAXIMIZE WATER CONSERVATIO
- REAPPLY MULCH TO BARE AND THIN AREAS. M. SHOULD SEEDED AND/OR SODDED AREAS NOT BE COVERED BY AN AUTOMATIC IRRIGATION SYSTEM. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING THESE AREAS AND OBTAINING A FULL, HEALTHY STAND OF GRASS AT NO ADDITIONAL COST TO THE OWNER. N. TO ACHIEVE FINAL ACCEPTANCE AT THE END OF THE MAINTENANCE
 - PERIOD, ALL OF THE FOLLOWING CONDITIONS MUST OCCUR: a. THE LANDSCAPE SHALL SHOW ACTIVE. HEALTHY GROWTH (WITH EXCEPTIONS MADE FOR SEASONAL DORMANCY). ALL PLANTS NOT MEETING THIS CONDITION SHALL BE REJECTED AND REPLACED BY HEALTHY PLANT MATERIAL PRIOR TO FINAL ACCEPTANCE.
 - b. ALL HARDSCAPE SHALL BE CLEANED PRIOR TO FINAL ACCEPTANCE. c. SODDED AREAS MUST BE ACTIVELY GROWING AND MUST REACH A MINIMUM HEIGHT OF 1 1/2 INCHES BEFORE FIRST MOWING. HYDROMULCHED AREAS SHALL SHOW ACTIVE, HEALTHY GROWTH BARE AREAS LARGER THAN TWELVE SQUARE INCHES MUST BE RESODDED OR RESEEDED (AS APPROPRIATE) PRIOR TO FINAL

ACCEPTANCE. ALL SODDED TURF SHALL BE NEATLY MOWED.

- A. TREES, SHRUBS, GROUNDCVOER SHALL BE GUARANTEED (IN WRITING) FOR A 12 MONTH PERIOD (90 DAYS FOR ANNUAL PLANTING OR AT THE END OF THE SEASONAL COLOR GROWING SEASON, WHICHEVER COMES SOONER) AFTER FINAL ACCEPTANCE, THE CONTRACTOR SHALL REPLACE ALL DEAD materials as soon as weather permits and upon notification of
- B. PLANTS INCLUDING TREES, WHICH HAVE PARTIALLY DIED SO THAT SHAPE SIZE OR SYMMETRY HAVE BEEN DAMAGED SHALL BE CONSIDERED SUBJECT TO REPLACEMENT. IN SUCH CASES, THE OPINION OF THE OWNER SHALL BE
- C. PLANTS USED FOR REPLACEMENT SHALL BE OF THE SAME SIZE AND KIND AS THOSE ORIGINALLY PLANTED OR SPECIFIED. ALL WORK INCLUDING MATERIALS, LABOR AND EQUIPMENT USED IN REPLACEMENTS SHALL CARRY A 12 MONTH GUARANTEE. ANY DAMAGE INCLUDING RUTS IN LAWN OR BED AREAS INCURRED AS A RESULT OF MAKING REPLACEMENTS SHALL BE
- IMMEDIATELY REPAIRED. D. WHEN PLANT REPLACEMENTS ARE MADE, PLANTS, SOIL MIX, FERTILIZER AND MULCH ARE TO BE UTILIZED AS ORIGINALLY SPECIFIED AND RE-INSPECTED FOR FULL COMPLIANCE WITH THE CONTRACT REQUIREMENTS. ALL REPLACEMENTS ARE INCLUDED UNDER "WORK" OF
- THIS SECTION. E. THE OWNER AGREES THAT FOR THE ONE YEAR WARRANTY PERIOD TO BE EFFECTIVE, HE WILL WATER PLANTS AT LEAST TWICE A WEEK DURING DRY
- F. THE ABOVE GUARANTEE SHALL NOT APPLY WHERE PLANTS DIE AFTER ACCEPTANCE BECAUSE OF DAMAGE DUE TO ACTS OF GOD, VANDALISM, INSECTS, DISEASE, INJURY BY HUMANS, MACHINES, THEFT OR NEGLIGENCE
- G. ACCEPTANCE FOR ALL LANDSCAPE WORK SHALL BE GIVEN AFTER FINAL INSPECTION BY THE OWNER PROVIDED THE JOB IS IN A COMPLETE, UNDAMAGED CONDITION AND THERE IS A STAND OF GRASS IN ALL LAWN Areas. At that time, the owner will assume maintenance on the ACCEPTED WORK.

1.9 QUALITY ASSURANCE A. COMPLY WITH ALL FEDERAL, STATE, COUNTY AND LOCAL REGULATIONS GOVERNING LANDSCAPE MATERIALS AND WORK. B. EMPLOY PERSONNEL EXPERIENCED AND FAMILIAR WITH THE REQUIRED

- WORK AND SUPERVISION BY A FOREMAN
- C. MAKE CONTACT WITH SUPPLIERS IMMEDIATELY UPON OBTAINING NOTICE OF CONTRACT ACCEPTANCE TO SELECT AND BOOK MATERIALS. D. DEVELOP A PROGRAM OF MAINTENANCE (PRUNING AND FERTILIZATION WHICH WILL ENSURE THE PURCHASED MATERIALS WILL MEET AND/OR EXCEED PROJECT SPECIFICATIONS.
- MATERIAL SPECIFIED IS NOT READILY AVAILABLE, SUBMIT PROOF TO LANDSCAPE ARCHITECT ALONG WITH THE PROPOSED MATERIAL TO BE USED IN LIEU OF THE SPECIFIED PLANT. F. AT THE TIME BIDS ARE SUBMITTED, THE CONTRACTOR IS ASSUMED TO HAVE LOCATED THE MATERIALS NECESSARY TO COMPLETE THE JOB AS

E. DO NOT MAKE PLANT MATERIAL SUBSTITUTIONS. IF THE LANDSCAPE

G. OWNER'S REPRESENTATIVE SHALL INSPECT ALL PLANT MATERIAL AND RETAINS THE RIGHT TO INSPECT MATERIALS UPON ARRIVAL TO THE SITE AND DURING INSTALLATION. THE OWNER'S REPRESENTATIVE MAY ALSO REJECT ANY MATERIALS HE/SHE FEELS TO BE UNSATISFACTORY OR DEFECTIVE DURING THE WORK PROCESS. ALL PLANTS DAMAGED IN FRANSIT OR AT THE JOB SITE SHALL BE REJECTED.

1.10 PRODUCT DELIVERY, STORAGE AND HANDLING A. PREPARATION

- 1. BALLED AND BURLAPPED B&B PLANTS): DIG AND PREPARE SHIPMENT IN A MANNER THAT WILL NOT DAMAGE ROOTS, BRANCHES, SHAPE AND FUTURE 2. CONTAINER GROWN PLANTS: DELIVER PLANTS IN RIGID CONTAINER TO HOLD BALL SHAPE AND PROTECT ROOT MASS.
- B. DELIVERY 1. DELIVER PACKAGED MATERIALS IN SEALED CONTAINERS SHOWING WEIGHT, ANALYSIS AND NAME OF MANUFACTURER, PROTECT MATERIALS FROM DETERIORATION DURING DELIVERY AND WHILE STORED ON SITE. 2. DELIVER ONLY PLANT MATERIALS THAT CAN BE PLANTED IN ONE DAY UNLESS ADEQUATE STORAGE AND WATERING FACILITIES ARE AVAILABLE
- 3. PROTECT ROOT BALLS BY HEELING IN WITH SAWDUST OR OTHER APPROVED MOISTURE RETAINING MATERIAL IF NOT PLANTED WITHIN 24 HOURS OF DELIVERY. 4. PROTECT PLANTS DURING DELIVERY TO PREVENT DAMAGE TO ROOT BALL OR DESICCATION OF LEAVES. 5. KEEP PLANTS MOIST AT ALL TIMES. COVER ALL MATERIALS DURING
- 6. NOTIFY OWNERS REPRESENTATIVE OF DELIVERY 72 HOURS PRIOR TO DELIVERY OF PLANT MATERIAL AT JOB SITE. 7. REMOVE REJECTED PLANT MATERIAL IMMEDIATELY FROM JOB SITE. 8. TO AVOID DAMAGE OR STRESS, DO NOT LIFT, MOVE, ADJUST TO PLUMB, OR OTHERWISE MANIPULATE PLANTS BY TRUNK OR STEMS.

PART 2 - PRODUCTS

- A. GENERAL: WELL FORMED NO. 1 GRADE OR BETTER NURSERY GROWN STOCK. LISTED PLANT HEIGHTS ARE FROM TOPS OF FOOT BALLS TO NOMINAL TOPS OF PLANTS, PLANT SPREAD REFERS TO NOMINAL OUTER WIDTH OF THE PLANT NOT THE OUTER LEAF TIPS, PLANTS SHALL BE INDIVIDUALLY APPROVED BY THE OWNERS REPRESENTATIVE AND THEIR
- DECISION AS TO THEIR ACCEPTABILITY SHALL BE FINAL QUANTITIES: THE DRAWINGS AND SPECIFICATIONS ARE COMPLIMENTARY ANYTHING CALLED FOR ON ONE AND NOT THE OTHER IS AS BINDING AS SHOWN AND CALLED FOR ON BOTH. THE PLANT SCHEDULE IS AN AID TO BIDDERS ONLY, CONFIRM ALL QUANTITIES ON PLAN.
- C. QUANTITIES AND SIZE: PLANT MATERIALS SHALL CONFORM TO THE SIZE GIVEN ON THE PLAN AND SHALL BE HEALTHY, WELL SHAPED, FULL BRANCHED AND WELL ROOTED, SYMMETRY IS ALSO IMPERATIVE, PLANTS DISFIGUREMENTS, INSECT EGGS AND ARE TO BE OF SPECIMEN QUALITY. APPROVAL: ALL PLANTS WHICH ARE FOUND UNSUITABLE IN GROWTH OR ARE UNHEALTHY, BADLY SHAPED OR UNDERSIZED WILL BE REJECTED BY THE OWNERS REPRESENTATIVE EITHER BEFORE OR AFTER PLANTING AND
- AND REPLACED WITH ACCEPTABLE SPECIMENS TREES SHALL BE HEALTHY, FULL BRANCHED, WELL SHAPED AND SHALL MEET THE MINIMUM REQUIREMENTS AS SPECIFIED ON THE PLANT SCHEDULE, ALL TREES SHALL BE OBTAINED FROM SOURCES WITHIN 200 MILES OF THE PROJECT SITE IF POSSIBLE, AND WITH SIMILAR CLIMACTIC

SHALL BE REMOVED AT THE EXPENSE OF THE LANDSCAPE CONTRACTOR

- F. PRUNING: ALL PRUNING OF TREES AND SHRUBS SHALL BE EXECUTED BY THE LANDSCAPE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER,
- PRIOR TO FINAL ACCEPTANCE. G. PLANTS SHALL CONFORM TO THE MEASUREMENTS SPECIFIED, EXCEPT THI PLANTS LARGER THAN THOSE SPECIFIED MAY BE USED. USE OF LARGER PLANTS SHALL NOT INCREASE THE CONTRACT PRICE.

H. WHERE MATERIALS ARE PLANTED IN MASSES, PROVIDE PLANTS OF I. ROOT SYSTEMS SHALL BE HEALTHY, DENSELY BRANCHED, FIBROUS ROOT

SYSTEMS, NON-POT-BOUND, FREE FROM ENCIRCLING AND/OR GIRDLING

- ROOTS, AND FREE FROM ANY OTHER ROOT DEFECTS (SUCH AS J-SHAPED J. ALL TREES SHALL BE STANDARD IN FORM, UNLESS OTHERWISE SPECIFIED.
- TREES WITH CENTRAL LEADERS WILL NOT BE ACCEPTED IF LEADER IS DAMAGED OR REMOVED. PRUNE ALL DAMAGED TWIGS AFTER PLANTING K. TREE TRUNKS TO BE STURDY, EXHIBIT HARDENED SYSTEMS AND VIGOROUS
- AND FIBROUS ROOT SYSTEMS, NOT ROOT OR POT BOUND. TREES WITH DAMAGED OR CROOKED LEADERS, BARK ABRASIONS, SUNSCALD, DISFIGURING KNOTS, OR\INSECT DAMAGE WILL BE REJECTED. M. CALIPER MEASUREMENTS FOR STANDARD (SINGLE TRUNK) TREES SHALL BE
- AS FOLLOWS: SIX INCHES ABOVE THE ROOT FLARE FOR TREES UP TO AND INCLUDING FOUR INCHES IN CALIPER, AND TWELVE INCHES ABOVE THE ROOT FLARE FOR TREES EXCEEDING FOUR INCHES IN CALIPER N. MULTI-TRUNK TREES SHALL BE MEASURED BY THEIR OVERALL HEIGHT, MEASURED FROM THE TOP OF THE ROOT BALL O. ANY TREE OR SHRUB SHOWN TO HAVE EXCESS SOIL PLACED ON TOP OF
- THE ROOT BALL, SO THAT THE ROOT FLARE HAS BEEN COMPLETELY COVERED, SHALL BE REJECTED. P. SOD: PROVIDE WELL-ROOTED SOD OF THE VARIETY NOTED ON THE PLANS. SOD SHALL BE CUT FROM HEALTHY. MATURE TURF WITH SOIL THICKNESS OF 3/4" TO 1". EACH PALLET OF SOD SHALL BE ACCOMPANIED BY A

CERTIFICATE FROM SUPPLIER STATING THE COMPOSITION OF THE SOD 2.2 SOIL PREPARATION MATERIALS

- A. SANDY LOAM: 1. FRIABLE, FERTILE, DARK, LOAMY SOIL, FREE OF CLAY LUMPS, SUBSOIL, STONES AND OTHER EXTRANEOUS MATERIAL AND REASONABLY FREE OF WEEDS AND FOREIGN GRASSES. LOAM CONTAINING DALLASGRASS OR
 - NUTGRASS SHALL BE REJECTED. 2. PHYSICAL PROPERTIES AS FOLLOWS: a. CLAY - BETWEEN 7-27%
- b. SILT BETWEEN 15-25% c. SAND - LESS THAN 52%
- 3. ORGANIC MATTER SHALL BE 3%-10% OF TOTAL DRY
- 4. IF REQUESTED, LANDSCAPE CONTRACTOR SHALL PROVIDE A CERTIFIED SOIL ANALYSIS CONDUCTED BY AN APPROVED SOIL TESTING LABORATORY VERIFYING THAT
- SANDY LOAM MEETS THE ABOVE REQUIREMENTS. B. ORGANIC MATERIAL: COMPOST WITH A MIXTURE OF 80% VEGETATIVE MATTER AND 20% ANIMAL WASTE. INGREDIENTS
- SHOULD BE A MIX OF COURSE AND FINE TEXTURED MATERIAL. C. PREMIXED BEDDING SOIL AS SUPPLIED BY VITAL EARTH RESOURCES GLADEWATER, TEXAS; PROFESSIONAL BEDDING SOIL AS SUPPLIED BY LIVING EARTH TECHNOLOGY, DALLAS, TEXAS OR ACID GRO MUNICIPAL MIX AS SUPPLIED BY SOIL BUILDING SYSTEMS, DALLAS,
- TEXAS OR APPROVED EQUAL D. SHARP SAND: SHARP SAND MUST BE FREE OF SEEDS, SOIL PARTICLES E. MULCH: DOUBLE SHREDDED HARDWOOD MULCH, PARTIALLY
- DECOMPOSED, DARK BROWN. F. ORGANIC FERTILIZER: FERTILAID, SUSTANE, OR GREEN SENSE OR EQUAL AS RECOMMENDED FOR REQUIRED APPLICATIONS. FERTILIZER SHALL BE DELIVERED TO THE SITE IN ORIGINAL UNOPENED STATEMENT OF ANALYSIS.
- G. COMMERCIAL FERTILIZER: 10-20-10 OR SIMILAR ANALYSIS. NITROGEN SOURCE TO BE A MINIMUM 50% SLOW RELEASE ORGANIC NITROGEN (SCU OR UF) WITH A MINIMUM 8% SULFUR AND 4% IRON, PLUS MICRONUTRIENTS.
- H. PEAT: COMMERCIAL SPHAGNUM PEAT MOSS OR PARTIALLY DECOMPOSED SHREDDED PINE BARK OR OTHER APPROVED ORGANIC

2.3 MISCELLANEOUS MATERIALS

- A. STEEL EDGING SHALL BE 3/16" X 4" X 16" DARK GREEN LANDSCAPE EDGING. DURAEDGE STEEL OR APPROVED EQUAL.
- B. TREE STAKING TREE STAKING SOLUTIONS OR APPROVED SUBSTITUTE; REFER TO DETAILS. C. FILTER FABRIC - MIRAFI 1405 BY MIRAFI INC. OR APPROVED SUBSTITUTE.
- AVAILABLE AT LONE STAR PRODUCTS, INC. (469-523-0444)

SHRUBS OR GROUNDCOVER AS

LAYER OF MULCH

SETTLED THICKNES SHOULD BE 2" MIN.

ROOT BALL, DO NOT

WEED BARRIER FABRIC

PLANTING SOIL MIX. TILL IN WITH PARTS

EXISTING SOIL, EXCLUDING LARGE

CLODS AND ROCKS.

UNDISTURBED SUBGRADE / NATIVE SOIL

 D. SAND - UNIFORMLY GRADED, WASHED, CLEAN, BANK RUN SAND. E. GRAVEL: WASHED NATIVE PEA GRAVEL, GRADED 1" TO 1.5"

- F. DECOMPOSED GRANITE BASE MATERIAL OF NATURAL MATERIAL MIX OF
- GRANITE AGGREGATE NOT TO EXCEED 1/8" IN DIAMETER COMPOSED OF VARIOUS STAGES OF DECOMPOSED EARTH BASE. G. RIVER ROCK - LOCALLY AVAILABLE NATIVE RIVER ROCK BETWEEN 2"-4" IN
- H. PRE-EMERGENT HERBICIDES: ANY GRANULAR, NON-STAINING PRE-EMERGENT HERBICIDE THAT IS LABELED FOR THE SPECIFIC ORNAMENTALS OR TURF ON WHICH IT WILL BE UTILIZED. PRE-EMERGEN

HERBICIDES SHALL BE APPLIED PER THE MANUFACTURER'S LABELED RATES.

PART 3 - EXECUTION

- A. LANDSCAPE CONTRACTOR TO INSPECT ALL EXISTING CONDITIONS AND REPORT ANY DEFICIENCIES TO THE OWNER.
- B. ALL PLANTING AREAS SHALL BE CONDITIONED AS FOLLOWS 1. PREPARE NEW PLANTING BEDS BY SCRAPING AWAY EXISTING GRASS AND WEEDS AS NECESSARY. TILL EXISTING SOIL TO A DEPTH OF SIX (6") INCHES PRIOR TO PLACING COMPOST AND FERTILIZER. APPLY FERTILIZER AS PER MANUFACTURER'S RECOMMENDATIONS. ADD SIX (6") INCHES OF COMPOST AND TILL INTO A DEPTH OF SIX (6") INCHES OF SPECIFIED MULCH (SETTLED 2. BACKFILL FOR TREE PITS SHALL BE AS FOLLOWS: USE EXISTING
- TOP SOIL ON SITE (USE IMPORTED TOPSOIL AS NEEDED) FREE FROM LARGE CLUMPS, ROCKS, DEBRIS, CALICHE, SUBSOILS, ETC., PLACED IN NINE (9") INCH LAYERS AND WATERED IN THOROUGHLY C. GRASS AREAS: 1. BLOCKS OF SOD SHOULD BE LAID JOINT TO JOINT (STAGGERED

JOINTS) AFTER FERTILIZING THE GROUND FIRST. ROLL GRASS AREAS TO ACHIEVE A SMOOTH, EVEN SURFACE, THE JOINTS. BETWEEN THE BLOCKS OF SOD SHOULD BE FILLED WITH TOPSOIL

- A. MAINTENANCE OF PLANT MATERIALS SHALL BEGIN IMMEDIATELY AFTER EACH PLANT IS DELIVERED TO THE SITE AND SHALL CONTINUE CONSTRUCTION HAS BEEN SATISFACTORILY
- ACCOMPLISHED. B. PLANT MATERIALS SHALL BE DELIVERED TO THE SITE ONLY AFTER THE BEDS ARE PREPARED AND AREAS ARE READY FOR PLANTING. ALL SHIPMENTS OF NURSERY MATERIALS SHALL BE THOROUGHL' ROTECTED FROM THE WINDS DURING TRANSIT. ALL PLANTS WHICH CANNOT BE PLANTED AT ONCE, AFTER DELIVERY TO THE SITE, SHAL BE WELL PROTECTED AGAINST THE POSSIBILITY OF DRYING BY WIND AND BALLS OF EARTH OF B & B PLANTS SHALL BE KEPT COVERED WITH SOIL OR OTHER ACCEPTABLE MATERIAL. ALL PLANTS REMAIN THE PROPERTY OF THE CONTRACTOR UNTIL FINAL ACCEPTANCE.
- C. POSITION THE TREES AND SHRUBS IN THEIR INTENDED LOCATION AS
- D. NOTIFY THE OWNER'S AUTHORIZED REPRESENTATIVE FOR INSPECTION AND APPROVAL OF ALL POSITIONING OF PLANT MATERIALS. E. EXCAVATE PITS WITH VERTICAL SIDES AND HORIZONTAL BOTTOM TREE PITS SHALL BE LARGE ENOUGH TO PERMIT HANDLING AND PLANTING WITHOUT INJURY TO BALLS OF EARTH OR ROOTS AND
- SHALL BE OF SUCH DEPTH THAT, WHEN PLANTED AND SETTLED, TH CROWN OF THE PLANT SHALL BEAR THE SAME RELATIONSHIP TO TH FINISH GRADE AS IT DID TO SOIL SURFACE IN ORIGINAL PLACE OF GROWTH. THE SIDES OF THE HOLE SHOULD BE ROUGH AND JAGGED NEVER SLICK OR GLAZED. F. SHRUB AND TREE PITS SHALL BE NO LESS THAN TWENTY-FOUR (24"
- INCHES WIDER THAN THE LATERAL DIMENSION OF THE EARTH BALL AND SIX (6") INCHES DEEPER THAN IT'S VERTICAL DIMENSION REMOVE AND HAUL FROM SITE ALL ROCKS AND STONES OVE THREE-QUARTER (¾") INCH IN DIAMETER. PLANTS SHOULD BE THOROUGHLY MOIST BEFORE REMOVING CONTAINERS.
- G. PERCOLATION TEST: FILL THE HOLE WITH WATER. IF THE WATER LEVEL DOES NOT PERCOLATE WITHIN 24 HOURS. THE TREE NEEDS TO A PVC STAND PIPE PER TREE IF THE PERCOLATION TEST FAILS.
- H. BACKFILL ONLY WITH 5 PARTS EXISTING SOIL OR SANDY LOAM AND 1 PART BED PREPARATION. WHEN THE HOLE IS DUG IN SOLID ROCK TOPSOIL FROM THE SAME AREA SHOULD NOT BE USED. CAREFULL SETTLE BY WATERING TO PREVENT AIR POCKETS. REMOVE TH BURLAP FROM THE TOP 1/3 OF THE BALL, AS WELL AS ALL NYLON PLASTIC STRING AND WIRE. CONTAINER TREES WILL USUALLY BE ROOT BOUND, IF SO FOLLOW STANDARD NURSERY PRACTICE OF
- DO NOT WRAP TREES. J. DO NOT OVER PRUNE. K. REMOVE NURSERY TAGS AND STAKES FROM ALL PLANTS

- L. REMOVE BOTTOM OF PLANT BOXES PRIOR TO PLACING PLANTS. REMOVE SIDES AFTER PLACEMENT AND PARTIAL BACKFILLING. $\begin{tabular}{ll} {\bf M.} & {\bf REMOVE~UPPER~THIRD~OF~BURLAP~FROM~BALLED~AND~BURLAPPED~TREES} \\ \end{tabular}$
- AFTER PLACEMENT N. PLACE PLANT UPRIGHT AND PLUMB IN CENTER OF HOLE. ORIENT PLANTS FOR BEST APPEARANCE.
- O. MULCH THE TOP OF THE BALL. DO NOT PLANT GRASS ALL THE WAY TO THE TRUNK OF THE TREE. LEAVE THE AREA ABOVE THE TOP OF THE BALL AND MULCH WITH AT LEAST TWO (2") INCHES OF SPECIFIED P. ALL PLANT BEDS AND TREES TO BE MULCHED WITH A MINIMUM
- SETTLED THICKNESS OF TWO (2") INCHES OVER THE ENTIRE BED OR Q. OBSTRUCTION BELOW GROUND: IN THE EVENT THAT ROCK, OR UNDERGROUND CONSTRUCTION WORK OR OBSTRUCTIONS ARE ENCOUNTERED IN ANY PLANT PIT EXCAVATION WORK TO BE DONE UNDER THIS SECTION, ALTERNATE LOCATIONS MAY BE SELECTED BY THE OWNER. WHERE LOCATIONS CANNOT BE CHANGED, THE OBSTRUCTIONS SHALL BE REMOVED TO A DEPTH OF NOT LESS THAN EE (3') FEET BELOW GRADE AND NO LESS THAN SIX (6") INCHES BELOW THE BOTTOM OF BALL WHEN PLANT IS PROPERLY SET AT THE REQUIRED GRADE. THE WORK OF THIS SECTION SHALL INCLUDE THE REMOVAL FROM THE SITE OF SUCH ROCK OR UNDERGROUND OBSTRUCTIONS ENCOUNTERED AT THE COST OF THE LANDSCAPE

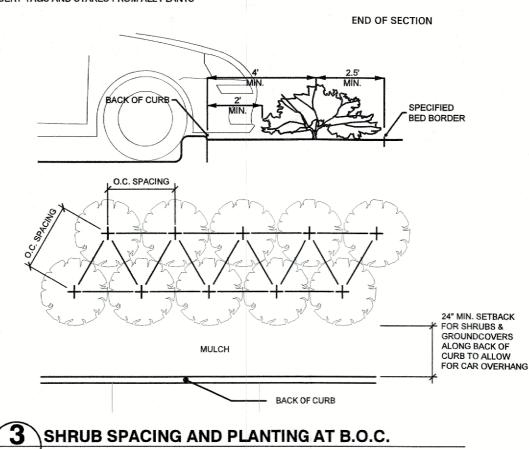
CONTRACTOR.

- R. TREES AND LARGE SHRUBS SHALL BE STAKED AS SITE CONDITIONS REQUIRE. POSITION STAKES TO SECURE TREES AGAINST SEASONAL PREVAILING WINDS.
- S. PRUNING AND MULCHING: PRUNING SHALL BE DIRECTED BY THE LANDSCAPE ARCHITECT AND SHALL BE PRUNED IN ACCORDANCE WITH STANDARD HORTICULTURAL PRACTICE FOLLOWING FINE PRUNING, CLASS I PRUNING STANDARDS PROVIDED BY THE NATIONAL ARBORIST ASSOCIATION. DEAD WOOD, SUCKERS, BROKEN AND BADLY BRUISED
- BRANCHES SHALL BE REMOVED. GENERAL TIPPING OF THE BRANCHES IS NOT PERMITTED. DO NOT CUT TERMINAL BRANCHES. PRUNING SHALL BE DONE WITH CLEAN, SHARP TOOLS. IMMEDIATELY AFTER PLANTING OPERATIONS ARE COMPLETED, ALL TREE PITS SHALL BE COVERED WITH A LAYER OF ORGANIC MATERIAL TWO (2") INCHES IN DEPTH. THIS LIMIT OF THE ORGANIC MATERIAL FOR TREES SHALL BE THE DIAMETER OF THE PLANT PIT.
- Q. STEEL EDGE INSTALLATION: EDGE SHALL BE ALIGNED AS INDICATED ON PLANS. STAKE OUT LIMITS OF STEEL CURBING AND OBTAIN OWNERS APPROVAL PRIOR TO INSTALLATION. ALL STEEL CURBING SHALL BE FREE OF KINKS AND ABRUPT
- 2. TOP OF EDGING SHALL BE $\frac{1}{2}$ " MAXIMUM HEIGHT ABOVE FINAL FINISHED GRADE. 3. STAKES ARE TO BE INSTALLED ON THE PLANTING BED SIDE OF THE CURBING, AS OPPOSED TO THE GRASS SIDE. 4. DO NOT INSTALL STEEL EDGING ALONG SIDEWALKS OR

5. CUT STEEL EDGING AT 45 DEGREE ANGLE WHERE EDGING MEETS SIDEWALKS OR CURBS.

- 3.3 CLEANUP AND ACCEPTANCE A. CLEANUP: DURING THE WORK, THE PREMISES SHALL BE KEPT NEAT AND ORDERLY AT ALL TIMES. STORAGE AREAS FOR ALL MATERIALS SHALL BE SO ORGANIZED SO THAT THEY, TOO, ARE NEAT AND ORDERLY. ALL TRASH AND DEBRIS SHALL BE REMOVED FROM THE SITE AS WORK PROGRESSES. KEEP PAVED AREAS CLEAN BY
- SWEEPING OR HOSING THEM AT END OF EACH WORK DAY B. REPAIR RUTS, HOLES AND SCARES IN GROUND SURFACES. C. ENSURE THAT WORK IS COMPLETE AND PLANT MATERIALS ARE IN
- VIGOROUS AND HEALTHY GROWING CONDITION. D. UPON COMPLETION OF THE WORK, THE LANDSCAPE CONTRACTOR SHALL PROVIDE THE SITE CLEAN, FREE OF DEBRIS AND TRASH, AND SUITABLE FOR USE AS INTENDED. THE LANDSCAPE CONTRACTOR SHALL THEN REQUEST AN INSPECTION BY THE OWNER TO DETERMINE FINAL ACCEPTABILITY E. WHEN/IF THE INSPECTED PLANTING WORK DOES NOT COMPLY WITH THE CONTRACT DOCUMENTS, THE LANDSCAPE CONTRACTOR SHALL REPLACE
- F. THE LANDSCAPE MAINTENANCE PERIOD WILL NOT COMMENCE UNTIL THE LANDSCAPE WORK HAS BEEN RE-INSPECTED BY THE OWNER AND FOUND TO BE ACCEPTABLE. AT THAT TIME, A WRITTEN NOTICE OF FINAL ACCEPTANCE WILL BE ISSUED BY THE OWNER, AND THE MAINTENANCE AND GUARANTEE PERIODS WILL COMMENCE.

AND/OR REPAIR THE REJECTED WORK TO THE OWNER'S SATISFACTION



STEEL EDGIN PLANTING AREA, REFERENCE ENSURE PROPER DRAINAGE DECOMPOSED GRANITE I.TER FABRIC, WRAP P AT EDGING, TYP

COMPACTED TO A 3" DEPTH 5 DECOMPOSED GRANITE / RIVER ROCK

> I HEREBY CERTIFY THAT THE ABOVE AND FORGOING SITE PLAN FOR A DEVELOPMENT IN THE CITY OF ROCKWALL, TEXAS, WAS APPROVED BY THE PLANNING AND ZONING COMMISSION OF THE CITY OF ROCKWALL ON THE _28 DAY OF _MC-14 _, 2023.

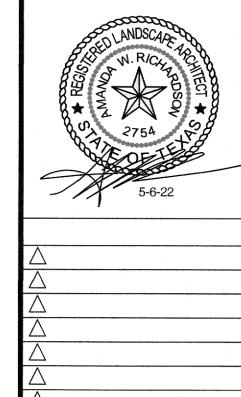
DECOMPOSED GRANITE AND/OF RIVER ROCK TO BE



MRECTOR OF PLANNING AND ZONING

SP2022-026

COMPACTED SUBGRADE



CONTRACT DATE BUILDING TYPE: PLAN VERSION: SITE NUMBER:

STORE NUMBER: QDOBA

> RIDGE ROAD ROCKWALL, TX

QDOBA

LANDSCAPE SPECS/ **DETAILS**

SET TREE IN PLANTING PIT

PLACE ANCHOR WITH RING SIDE DOWN AGAINST TOP OF ROOT

CENTER ROOT ANCHOR'S INNER RING(S) AROUND TRUNK OF TREE

ALIGN DRIVE ROD AS CLOSE AS POSSIBLE TO OUTSIDE EDGE OF

TREE STAKE SOLUTIONS, LLC. 9973 FM 521 Road Rosharon, Texas 77583

Phone: 281-778-1400 Mobile: 903-676-6143 Fax: 281-778-1425

DRIVE ANCHOR STRAIGHT DOWN INTO

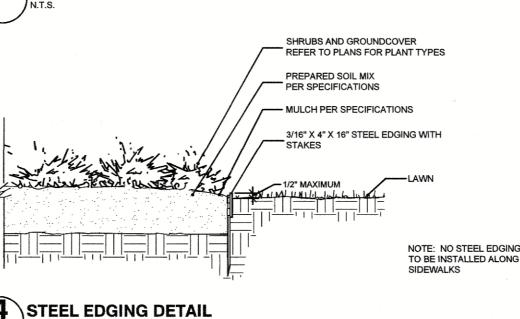
UNDISTURBED SUBBASE SOIL

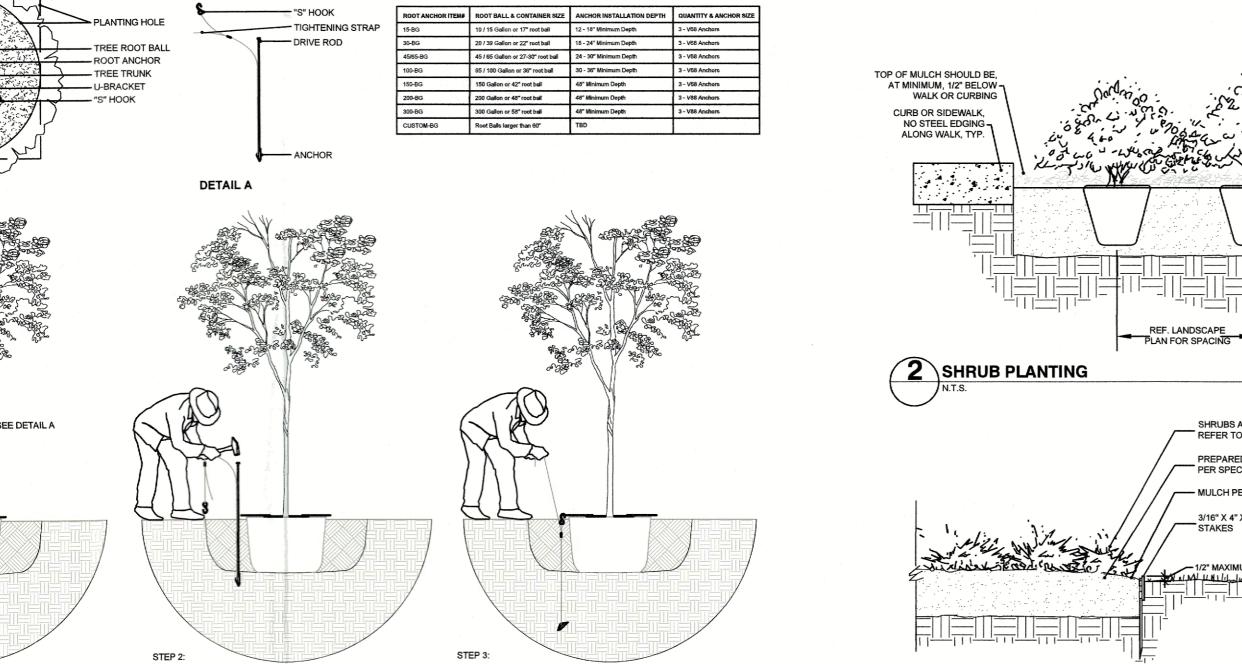
PER TREE SIZE

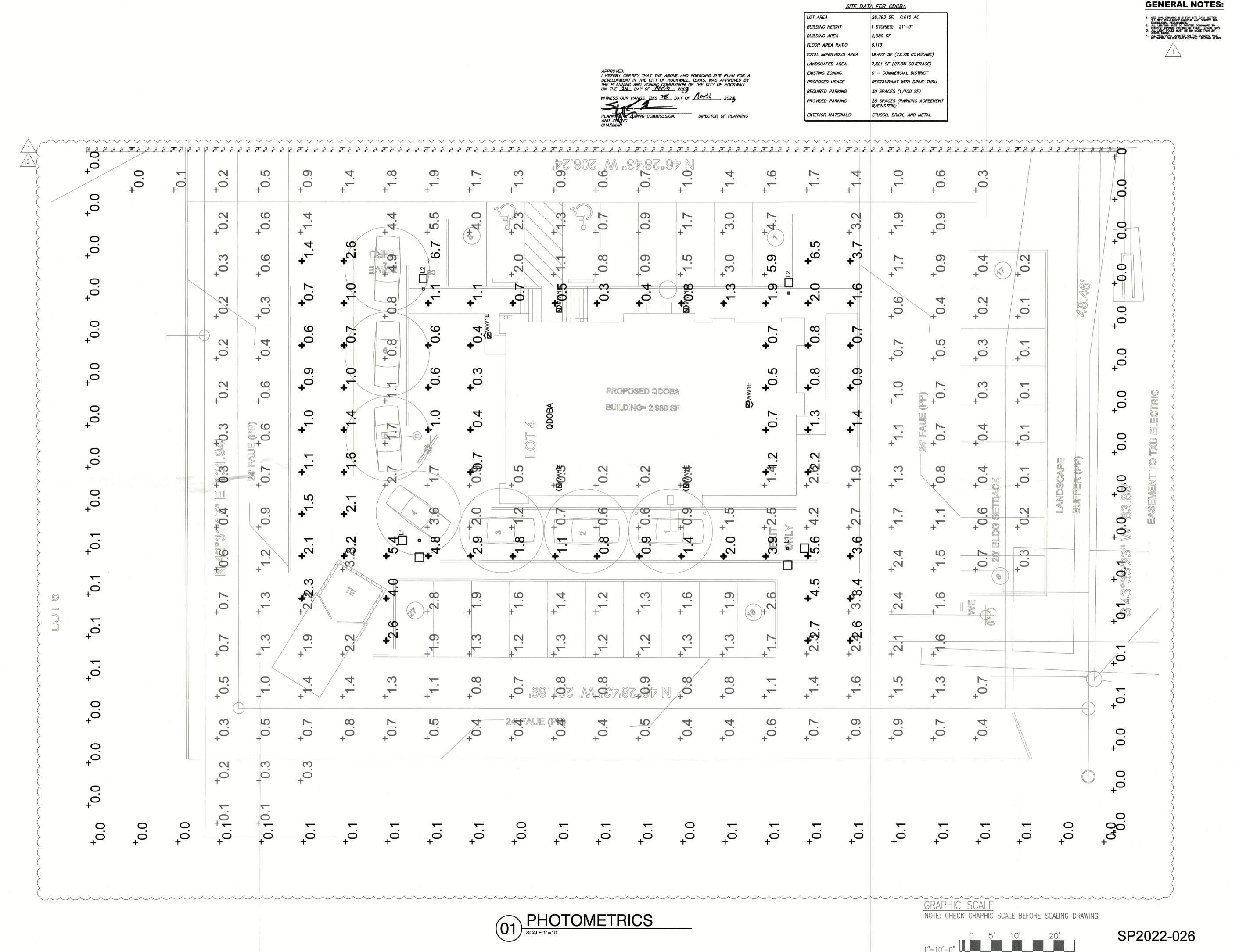
TIE EXCESS STRAP OFF TO THE U-BRACKET ALLOWING ENOUGH REMAINING STRAP TO ADJUST TREE, IF NECESSARY

TOP OF THE ROOT BALL AND U-BRACKETS ARE SETTING FLUSH ON TOP OF THE ROOT BALL

REMOVE DRIVE ROD REPEAT STEPS 1 & 2 FOR ALL THREE (3) ANCHOR LOCATIONS PULL BACK ON STRAP APPROXIMATELY 3" FOR THE V-68 ANCHOR OR 6" TO 7" FOR THE V-88 ANCHOR TO SET ANCHOR INTO A HORIZONTAL OR LOCKED POSITION. A FULCRUM MAY BE REQUIRED TO ASSIST IN SETTING THE PLACE "S" HOOK OVER THE END OF THE U-BRACKET PULL STRAP UP VERTICALLY UNTIL ROOT ANCHOR RINGS BITE INTO THE







ARCHITECT/ DESIGN CONSULTANT

ARCHITECTURAL PROJECT NO .: DRAWN BY: CHECKED BY:



RIDGE ROAD ROCKWALL, TX

NO. REVISIONS: DATE: 1 RTU REVISIONS 02/05/25			
1 RTU REVISIONS 02/05/2	NO.	REVISIONS:	DATE:
	1	RTU REVISIONS	02/05/2
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BRAND REVIEW ISSUE DATE: BID ISSUE DATE: BUILDING REVIEW ISSUE DATE: HEALTH DEPT. REVIEW ISSUE DATE: TAS REVIEW ISSUE DATE: CONSTRUCTION ISSUE DATE:

> DRAWING TITLE: DRAWING NUMBER

PHOTOMETRICS SITE PLAN

PH-1

FEATURES & SPECIFICATIONS

INTENDED USE — These specifications are for USA standards only. Square Straight Steel is a general purpose light pole for up to 39-foot mounting heights. This pole provides a robust yet cost effective option for mounting area lights and floodlights.

CONSTRUCTION — Pole Shaft: The pole shaft is of uniform dimension and wall thickness and is made of a weldable-grade, hot-rolled, commercial-quality steel tubing with a minimum yield of 55 KSI (11-gauge, .1196"), or 50 KSI (7-gauge, .1793"). Shaft is one-piece with a full-length longitudinal highfrequency electric resistance weld. Uniformly square in cross-section with flat sides, small corner radii and excellent torsional qualities. Available shaft widths are 4", 5" and 6".

Pole Top: A flush non-metalic black top cap is provided for all poles that will receive drilling patterns for side-mount luminaire arm assemblies or when ordered with PT option.

Handhole: A reinforced handhole with grounding provision is provided at 18" from the base on side A. Positioning the handhole lower may not be possible and requires engineering review; consult Tech Support-Outdoor for further information. Every handhole includes a cover and cover attachment hardware. The handhole has a nominal dimension of 2.5" x 5".

Base Cover: A durable ABS plastic two-piece full base cover, finished to match the pole, is provided with each pole assembly. Additional base cover options are available upon request.

Anchor Base/ Bolts: Anchor base is fabricated from steel that meets ASTM A36 standards and can be altered to match existing foundations; consult factory for modifications. Anchor bolts are manufactured to ASTM F1554 Standards grade 55, (55 KSI minimum yield strength and tensile strength of 75-95 KSI). Top threaded portion (nominal 12") is hot-dipped galvanized per ASTM A-153. HARDWARE — All structural fasteners are high-strength galvanized carbon steel. All non-structural

fasteners are galvanized or zinc-plated carbon steel or stainless steel. FINISH — Extra durable standard powder-coat finishes include Dark Bronze, White, Black, Medium Bronze and Natural Aluminum colors. Classic finishes include Sandstone, Charcoal Gray, Tennis Green, Bright Red and Steel Blue colors. Architectural Colors and Special Finishes are available by quote and include, but are not limited to Hot-dipped Galvanized, Paint over Hot-dipped Galvanized, RAL Colors, Custom Colors

and Extended Warranty Finishes. Factory-applied primer paint finish is available for customer field-paint

WARRANTY — 1-year limited warranty. 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. Specifications subject to change without notice.

SSS Square Straight Steel Poles

Example: SSS 20 5C DM19 DDB RING INFORMATION Lead times will vary depending on options selected. Consult with your sales representative. 10'-39' 4C 4" 11g (.1196") | Tenon mounting Standard colors 4G 4" 7g (.1793") PT DDBXD Dark bronze Open top (includes DM19AST_ 1 at 90° DWHXD White SC 5" 11g (.1196") to the pole height. 2-3/8" O.D. (2" NPS) DM28AST_ 2 at 180° Vibration damper Ex: 20-6 equals DBLXD Black 5G 5" 7g (.1793") 2-7/8" O.D. (2-1/2" DM29AST_ 2 at 90° Tamper resistant handhole cover DMBXD Medium 6G 6" 7g (.1793") DM39AST_ 3 at 90° See technical See technical Horizontal arm bracket (1 fixture)5,6 3-1/2" O.D. (3" NPS) DM49AST_ 4 at 90° DNAXD Natural information table 4" O.D. (3-1/2" NPS) FDLxy Festoon outlet less electrical⁵ OMERO™ Suspend drill KAC/KAD/KSE/KSF/KVR/KVF CPL12/xy 1/2" coupling⁵ Classic colors ordering information.) DM19MRT_ 1 at 90° DSS Sandstone CPL34/xy 3/4" coupling⁵ DM19 1 at 90° DM28MRT_ 2 at 180° DGC Charcoal gray CPL1/xy 1" coupling^s DM28 2 at 180° DTG Tennis green DM29MRT_ 2 at 90° NPL12/xy 1/2" threaded nipple⁵ DM28 PL 2 at 180° with one DM39MRT_ 3 at 90° NPL34/xy 3/4" threaded nipple⁵ DBR Bright red side plugged DM49MRT_ 4 at 90° NPL1/xy 1" threaded nipple⁵ DSB Steel blue DM29 2 at 90° EHHxy Extra handhole^{5,7} Architectural Colors and DM39 3 at 90° Special Finishes¹¹ MAEX Match existing⁸ DM49 4 at 90° Galvanized, Paint over USPOM United States point of manufacture9 CSX/DSX/RSX/AERIS™/OMERO™/ Galvanized, RAL Color Interior coating¹⁰ HLA/KAX Drill mounting³ Custom Colors and Extended Warranty UL listed with label (Includes NEC DM19AS 1 at 90° compliant cover) DM28AS 2 at 180° NEC 410.30 compliant gasketed DM29AS 2 at 90° handhole (Not UL Labeled) DM39AS 3 at 90° Shipped separately (replacement kit available) DM49AS 4 at 90° (blank) FBC Full base cover (plastic) RAD drill mounting³ (blank) TC Top cap DM19RAD 1 at 90° (blank) HHC Handhole cover DM28RAD 2 at 180° DM29RAD 2 at 90° DM32RAD 3 at 120° DM39RAD 3 at 90° DM49RAD 4 at 90° ESX Drill mounting 3 DM19ESX 1 at 90° DM28ESX 2 at 180° DM29ESX 2 at 90° DM39ESX 3 at 90°

1. Wall thickness will be signified with a "C" (11 Gauge) or a "G" (7-Gauge) in nomenclature. "C" - 0.1196" | "G" -6. Horizontal arm is 18" x 2-3/8" O.D. tenon standard, with radius curve

2. PT open top poles include top cap. When ordering tenon mounting and drill mounting for the same pole, follow this

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DM49ESX 4 at 90°

example: DM28/T20. The combination includes a required extra handhole. 3. Refer to the fixture spec sheet for the correct drilling template pattern

Insert "1" or "2" to designate fixture size; e.g. DM19AST2. 5. Specify location and orientation when ordering option.

and inches; separate feet and inches with a "-Example: 5ft = 5 and 20ft 3in = 20-3For "v": Specify orientation from handhole (A,B,C,D)

Refer to the Handhole Orientation diagram below. Example: 1/2" coupling at 5'8", orientation C = CPL12/5-8C 9. Use when mill certifications are required. Provides enhanced corrosion resistance 11. Additional colors available; see www.lithonia.com/archcolors or

providing 12" rise and 2-3/8" 0.0. If ordering two horizontal arm at the same height, specify with HAxyy. Example:

Architectural Colors brochure (Form No. 794.3). Available by formal

quote only, consult factory for details.

Must add original order number of existing pole(s).

7. Combination of tenon-top and drill mount includes extra handhole.

VA LITHONIA LIGHTING

For "x": Specify the height above the base of pole in feet or feet

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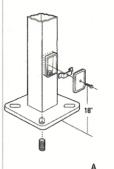
SSS Square Straight Steel Poles

TECHNICAL INFORMATION — EPA (ft2) with 1.3 gust Gauge 80 MPH Max. 90 MPH 4.0 x 12.0 | 0.1196 | 11 | 24.4 | 610 | 18.8 | 470 | 14.8 | 370 | 8-9 | 3/4 x 18 x 3 | 90 4.0 x 14.0 0.1196 11 19.9 498 15.1 378 11.7 293 8-9
 16
 4.0 x 16.0
 0.1196
 11
 15.9
 398
 11.8
 295
 8.9
 223
 8-9
 3/4 x 18 x 3

 18
 4.0 x 18.0
 0.1196
 11
 12.6
 315
 9.2
 230
 6.7
 168
 8-9
 3/4 x 18 x 3
 4.0 x 20.0 0.1196 11 9.6 240 6.7 167 4.5 150 8-9 3/4 x 18 x 3 20 | 4.0 x 20.0 | 0.1793 | 7 | 14 | 350 | 11 | 275 | 8 | 200 | 8--9 | 5.0 x 20.0 0.1196 11 17.7 443 12.7 343 9.4 235 10-12
 5.0 x 20.0
 0.1793
 7
 28.1
 703
 21.4
 535
 16.2
 405
 10-12

 4.0 x 25.0
 0.1196
 11
 4.8
 150
 2.6
 100
 1
 50
 8-9
 4.0 x 25.0 0.1793 7 10.8 270 7.7 188 5.4 135 8-9 3/4 x 30 x 3 5.0 x 25.0 | 0.1196 | 11 | 9.8 | 245 | 6.3 | 157 | 3.7 | 150 | 10--12 5.0 x 25.0 | 0.1793 | 7 | 18.5 | 463 | 13.3 | 333 | 9.5 | 238 | 10-12 | 4.0 x 30.0 0.1793 7 6.7 168 4.4 110 2.6 65 8--9 3/4 x 30 x 3 5.0 x 30.0 0.1196 11 4.7 150 2 30 5.0 x 30.0 0.1793 7 10.7 267 6.7 167 3.9 100 10--12 30 6.0 x 30.0 0.1793 7 19 475 13.2 330 9 225 11--13 35 5.0 x 35.0 0.1793 7 5.9 150 2.5 100 -- -- 10--12 1 x 36 x 4
35 6.0 x 35.0 0.1793 7 12.4 310 7.6 190 4.2 105 11--13 1 x 36 x 4
39 6.0 x 39.0 0.1793 7 7.2 180 3 75 -- -- 11--13 1 x 36 x 4

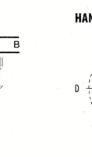
BASE DETAIL

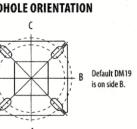


POLE DATA								
Shaft base size	Bolt circle A	Bolt projection B	Base diameter C	Base plate thickness	Template description	Anchor bolt description	Anchor bolt and template number	Anchor bol description
4"C	8" – 9"	3.25"- 3.75"	8"- 8.25"	0.75"	ABTEMPLATE PJ50004	AB18-0	ABSSS-4C	3/4"x18"x3"
4"G	8"-9"	3.38"- 3.75"	8"-8.25"	0.875"	ABTEMPLATE PJ50004	AB30-0	ABSSS-4G	3/4"x30"x3"
5"	10" - 12"	3.5"- 4"	11"	1"	ABTEMPLATE PJ50010	AB36-0	ABSSS-5	1"x36"x4"
6"	11" – 13"	4"- 4.50"	12.5"	1"	ABTEMPLATE PJ50011	AB36-0	N/A	1"x36"x4"



* EPA values are based ASCE 7-93 wind map. For 1/2 ft increments, add -6 to the pole height. Ex: 20-6 equals 20ft 6in.





. Do not erect poles without having fixtures installed Factory-supplied templates must be used when setting anchor bolts. Lithonia Lighting will not accept claim for incorrect anchorage placement due to failure to use Lithonia Lighting factory templates

IMPORTANT INSTALLATION NOTES:

If poles are stored outside, all protective wrapping must be removed immediately upon delivery to prevent finish damage. · Lithonia Lighting is not responsible for the foundation design.

A LITHONIA LIGHTING

OUTDOOR: One Lithonia Way Conyers, GA 30012 Phone: 800-705-SERV (7378) www.lithonia.com

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Specifications

(ft²@0°):

Height:

(SPA mount):

Ordering Information

LITHONIA LIGHTING.

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0.57 ft² (0.05 m²) 21.8" (55.4 cm) (SPA mount) 13.3" (33.8 cm) 3.0" (7.6 cm) Main Body 7.2" (18.4 cm) Arm 22.0 lbs (10.0 kg)

The new RSX LED Area family delivers maximum value by providing significant energy savings, long life and outstanding photometric performance at an affordable price. The RSX1 delivers 7,000 to 17,000 lumens allowing it to replace 70W to 400W HID luminaires.

See footnotes next page.

POLE-SSS

Anchor Base Poles

SQUARE STRAIGHT STEEL

The RSX features an integral universal mounting mechanism that allows the luminaire to be mounted on most existing drill hole patterns. This "no-drill" solution provides significant labor savings. An easy-access door on the bottom of mounting arm allows for wiring without opening the electrical compartment. A mast arm adaptor, adjustable integral slipfitter and other mounting configurations are available.

EXAMPLE: RSX1 LED P4 40K R3 MVOLT SPA DDBXD /

eries	Performance Package	Color Temperature	Distribution	Voltage Mor	unting
RSX1 LED	P1 P2 P3 P4	30K 3000K 40K 4000K 50K 5000K	R2 Type 2 Wide R3 Type 3 Wide R3S Type 3 Short R4 Type 4 Wide R4S Type 4 Short R5 Type 5 Wide R5 Type 5 Short AFR Automotive Front Row Right Rotated AFRL90 Automotive Front Row Left Rotated	240 ³ 480 ⁵ AA AA AA	A Round pole mounting (1.2" min. dia. RND pole for 2, 3, 4 at 90°, 3.0" min. dia. RND pole for 1 at 90°, 2 at 180°, 3 at 120°) Mast arm adaptor (fits 2-3/8" OD horizontal tenon) Adjustable slipfitter (fits 2-3/8" OD tenon) 6 Wall bracket 1 BASC Wall bracket with surface conduit box SP Adjustable tilt arm square pole mounting 6

	AFRL90 Automotiv	ve Front Row led	AAWSC Adjustable tilt arm wall bracket a	id surface conduit	UUX
Options		Action (All Particles Could State of County)		Finish	
Shipped Installed HS House-side shield 7 PE Photocontrol, button style 89 PEX Photocontrol external threaded, adjustable 9 PER7 Seven-wire twist-lock receptacle only (no color) CE34 Conduit entry 3/4"NPT (Oty 2) SF Single fuse (120, 277, 347) 5 DF Double fuse (208, 240, 480) 5 SPD20KV 20KV Surge pack (10KV standard) FAO Field adjustable output 9,13 DMG 0-10V dimming extend out back of housing frontrol (control ordered separate) 9,13	*Stand NLTAIR2 PIRHN ontrols) 9.11.12.13 *Note: I pattern Shippe EGS	2 nLight AIR generation 2 ^{13,14,15} Networked, Bi-Level motion/a	d as a standalone or networked solution. Sensor coverage ed.	DDBXD DBLXD DNAXD DWHXD DDBTXD DBLBXD DNATXD DWHGXD	Dark Bronze Black Natural Aluminum White Textured Dark Bronze Textured Black Textured Natural Aluminum Textured White

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1.5"

11.5"

Specifications

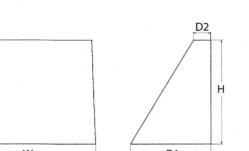
Depth (D1):

Depth (D2):

(without options)

WDGE2 LED Architectural Wall Sconce Precision Refractive Optic





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

		Carried ACM AND	CHIEN SAVE				Whinville		oven, oveni			i e
Luminaire	Optics	Standard EM, 0°C	Cold EM, -20°C	Sensor	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	ļ	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 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 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 PBBW S urface-mounted back box (top, left right conduit entry). Use when there is no junction box available.

E10WH	Emergency battery backup, Certified in CA Title 20 MAEDBS (10W, 5°C min)	St
E20WC	Emergency battery backup, Certified in CA Title 20 MAEDBS (18W, -20°C min)	PI
PE7	Photocell, Button Type	1
DMG ⁸	0-10V dimming wires pulled outside fixture (for use with an external control, ordered separately)	PII
RCF	Rottom conduit entry for back box (PRRW). Total of 4 entry	PII

BAA Buy America(n) Act Compliant

Lithonia RSX1 Area LED Rev. 02/24/21 Page 1 of 9

Bi-level (100/35%) motion sensor for 8-15' mounting heights. Intended for use on switched circuits with external dusk to dawn switching. Bi-level (100/35%) motion sensor for 15-30' mounting heights. Intended for use on switched circuits with external dusk to dawn switching Bi-level (100/35%) motion sensor for 8-15' mounting heights with photocell preprogrammed 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.

DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DSSXD Sandstone DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white

Networked Sensors/Controls NLTAIR2 PIR nLightAIR Wireless enabled bi-level motion/ambient sensor for 8-15' mounting heights. DSSTXD Textured sandstone NLTAIR2 PIRH INLIGHTAIR Wireless enabled bi-level motion/ambient sensor for 15-30' mounting heights. See page 4 for out of box functionality

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WITNESS OUR HANDS, THIS LE DAY OF MUTCH , 2023

chedule				· · · · · · · · · · · · · · · · · · ·					
Symbol	Label	QTY	Catalog Number	Description	Number Lamps	Lumens per Lamp	LLF	Wattage	Polar Plot
$\hat{\Box}$	WW 1	0	WDGE2 LED P3 40K 70CRI T4M MVOLT XX(FINISH)	WDGE2 LED WITH P3 - PERFORMANCE PACKAGE, 4000K, 80CRI, TYPE 4 MEDIUM OPTIC	1	3147	0.9	32.1375	
$\hat{\Box}$	WW 1E	0	WDGE2 LED P3 40K 70CRI T4M MVOLT E10WH XX(FINISH)	WDGE2 LED WITH P3 - PERFORMANCE PACKAGE, 4000K, 80CRI, TYPE 4 MEDIUM OPTIC	1	3147	0.9	32.1375	
	WW 2E	0	WDGE3 LED P4 40K 70CRI R4 MVOLT E15WH XX(FINISH)	WDGE3 LED WITH P4 - PERFORMANCE PACKAGE, 4000K, 70CRI, TYPE 4 OPTIC	1	12537	0.9	87.8914	
• -	L1	2	RSX1 LED P1 40K R3 XX(VOLTAGE) SPA HS XX(FINISH) - DRILL MOUNT TO LITHONIA POLE - SSS 18 4C DM19AS FBC XX(FINISH) - ANCHOR BOLT TO 30" CONCRETE PAD	AREA LIGHT - TWIN - TYPE 3	1	7096	0.9	102.68	
	L2	3	RSX1 LED P1 40K R2 XX(VOLTAGE) SPA HS XX(FINISH) - DRILL MOUNT TO LITHONIA POLE - SSS 18 4C DM 9AS/FBC XX(FINISH) - ANCHOR BOLT TO 30" CONCRETE PAD	AREA LIGHT - SINGLE - TYPE 2	1	7121	0.9	51.3435	3°28'43" W

mbol	Avg 0.6 fc		Max 5.9 fc	Min 0.0 fc	Max/Min N/A	Avg/Min
+	0.6 fc	T	5.9 fc	O O fo	NI/A	1
		П	0.010	0.010	IN/A	N/A
+	0.1 fc		0.1 fc	0.0 fc	N/A	N/A
+	0.0 fc		0.1 fc	0.0 fc	N/A	N/A
+	1.0 fd		6.7 fc	0.0 fc	N/A	N/A
	+					

SP2022-026

ARCHITECT/ DESIGN CONSULTANT **GENERAL NOTES:**

SEE CIVIL DRAWING C-3 FOR SITE DATA SECTION
2.1 SITE PLAN MISCELLANEOUS AND DENSITY AND
DIMENSIONAL REQUIRMENTS.
2. ALL LIGHTING MUST BE POINTED DOWNWARD TO
PREVENT UPWARD CASTING OF LIGHT, (DARK SKY).
3. ALL LIGHT POLES MUST BE NO MORE THAN 20'
ABOVE GRADE.
4. ALL WALLPACKS MOUNTED ON THE BUILDING WILL
BE SHOWN ON BUILDING ELECTRAL LIGHTING PHAIS.



ARCHITECTURAL PROJECT NO.: CHECKED BY:

DRAWN BY:



RIDGE ROAD ROCKWALL, TX

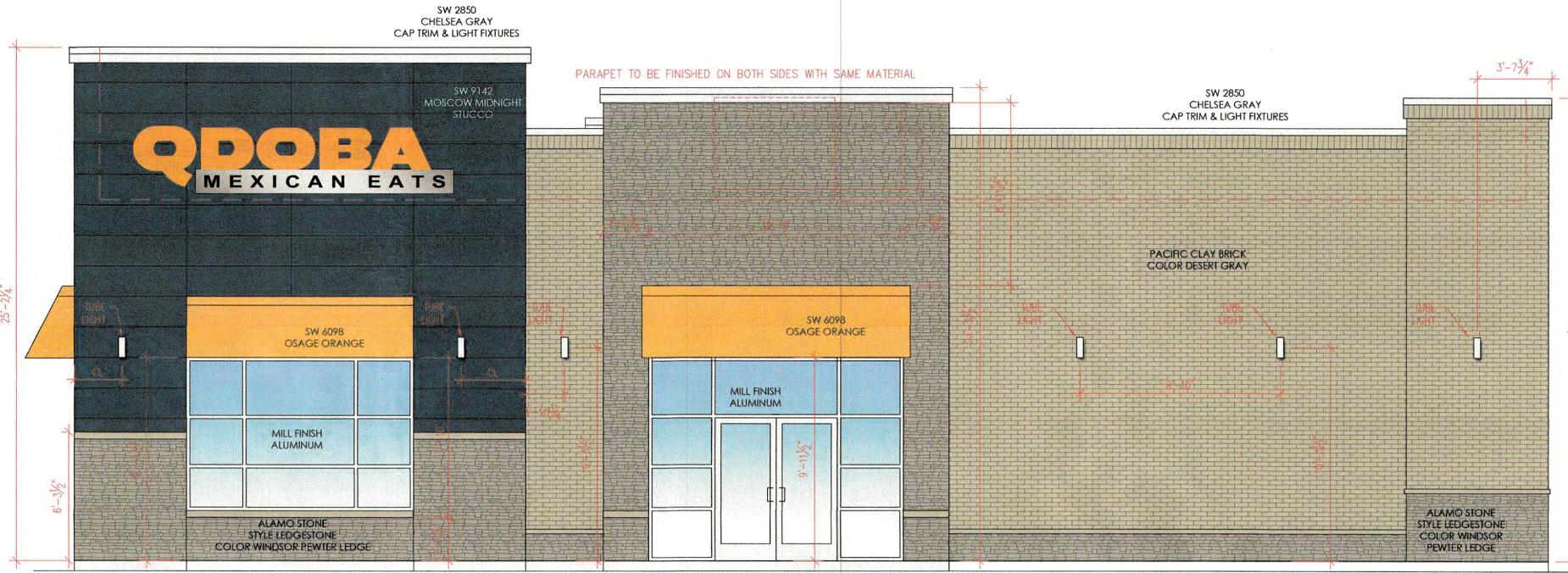
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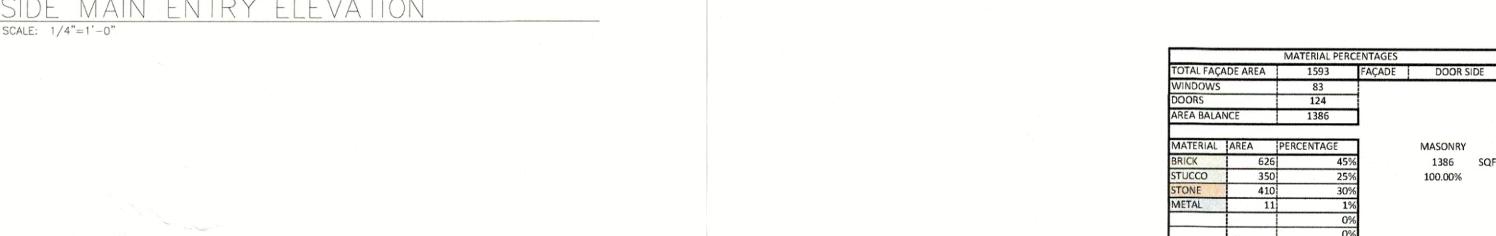
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DRAWING TITLE: DRAWING NUMBER:

SITE LIGHTING CUT SHEETS

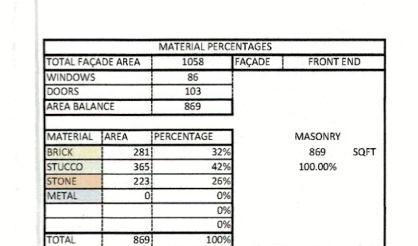












MASONRY

934

102.98%

APPROVED:
I HEREBY CERTIFY THATT HE ABOVE AND FORGOING SITE PLAN FOR A DEVELOPMENT
IN THE CITY OF ROCKWALL, TEXAS, WAS APPROVED BY THE PLANNING AND ZONING
COMMISSION OF THE CITY OF ROCKWALL ON THE 28 DAY OF MEND, 2023.

WITNESS OUR HANDS, THIS 28 DAY OF MOUS , 2023 DECTOR OF PLANNING AND ZONING

		MATERIAL PERC	ENTAGES		
TOTAL FAÇADE AREA		1580	FAÇADE	DT SIDE	
WINDOWS		0			
DOORS		15	1		
AREA BALANCE		1565]		
MATERIAL	AREA	PERCENTAGE	7	MASONRY	
BRICK	1015	65%	6	1554	SQFT
STUCCO	50	3%	6	99.30%	
STONE	489	31%	6		
METAL	11	19	6		
		0%	6		
		0%	6		
TOTAL	1565	100%	6		

SP2022-026

MASONRY

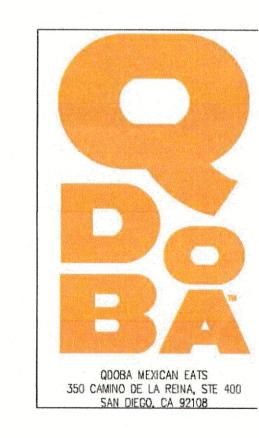
100.00%

SW 2850 CHELSEA GRAY CAP TRIM & LIGHT FIXTURES

1386 SQFT

ARCHITECT/ DESIGN CONSULTANT

ARCHITECTURAL PROJECT NO.: 2021_09_09 DRAWN BY: CHECKED BY: DCG



ROCKWALL, TX

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EXTERIOR ELEVATIONS