

| SITE PLAN DATA SUMMARY CHART  |                         |
|-------------------------------|-------------------------|
| LOT AREA                      | TRACK A<br>61312 SQ.FT. |
| LANDSCAPE REQ. (15% LOT AREA) | 9191 SQ.FT.             |
| LANDSCAPE PROV.               | 1232 SQ.FT.             |
| TOTAL BLDG. (A/C) SQ.FT.      | 14823 SQ.FT.            |

| HATCHING LEGEND            |                    |
|----------------------------|--------------------|
| EXISTING CONCRETE          | [Hatching Pattern] |
| EXISTING ASPHALT           | [Hatching Pattern] |
| EXISTING BUILDING PAD      | [Hatching Pattern] |
| LANDSCAPE                  | [Hatching Pattern] |
| EASEMENT LINETYPE          | [Line Style]       |
| PROPERTY BOUNDARY LINETYPE | [Line Style]       |
| SITE FEATURE LINETYPE      | [Line Style]       |

Date 4/18/11  
 Drawn By M.J.W.  
 Checked By M.J.W.  
 Revisions

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**BEST CHOICE RV STORAGE**  
 8405 HARWOOD ROAD  
 NORTH RICHLAND HILLS, TX

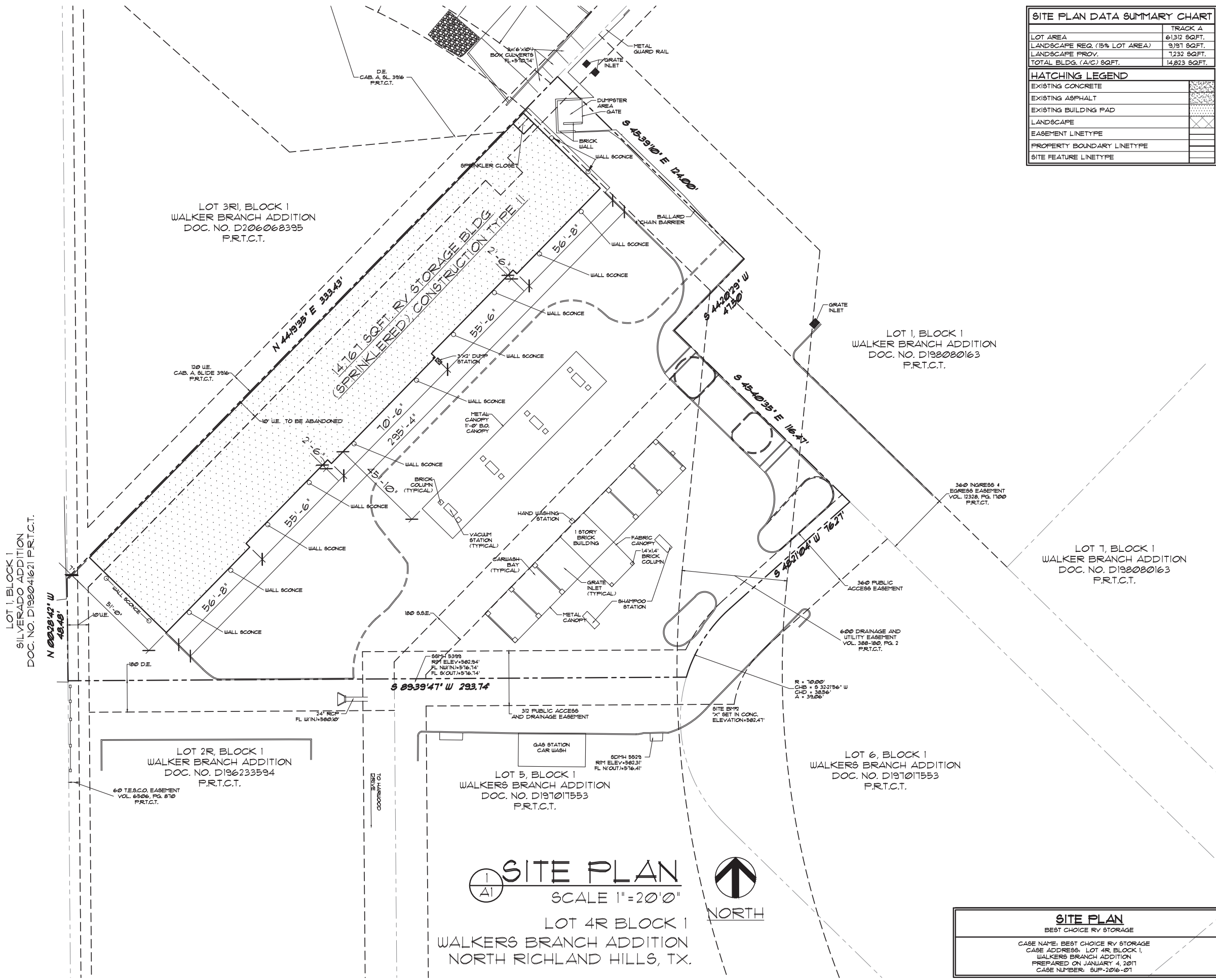


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 8233 MIDCITIES BOULEVARD STE. A. NRH TX 76180  
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Sheet No.  
**A1**  
 Project No.  
 16044W00

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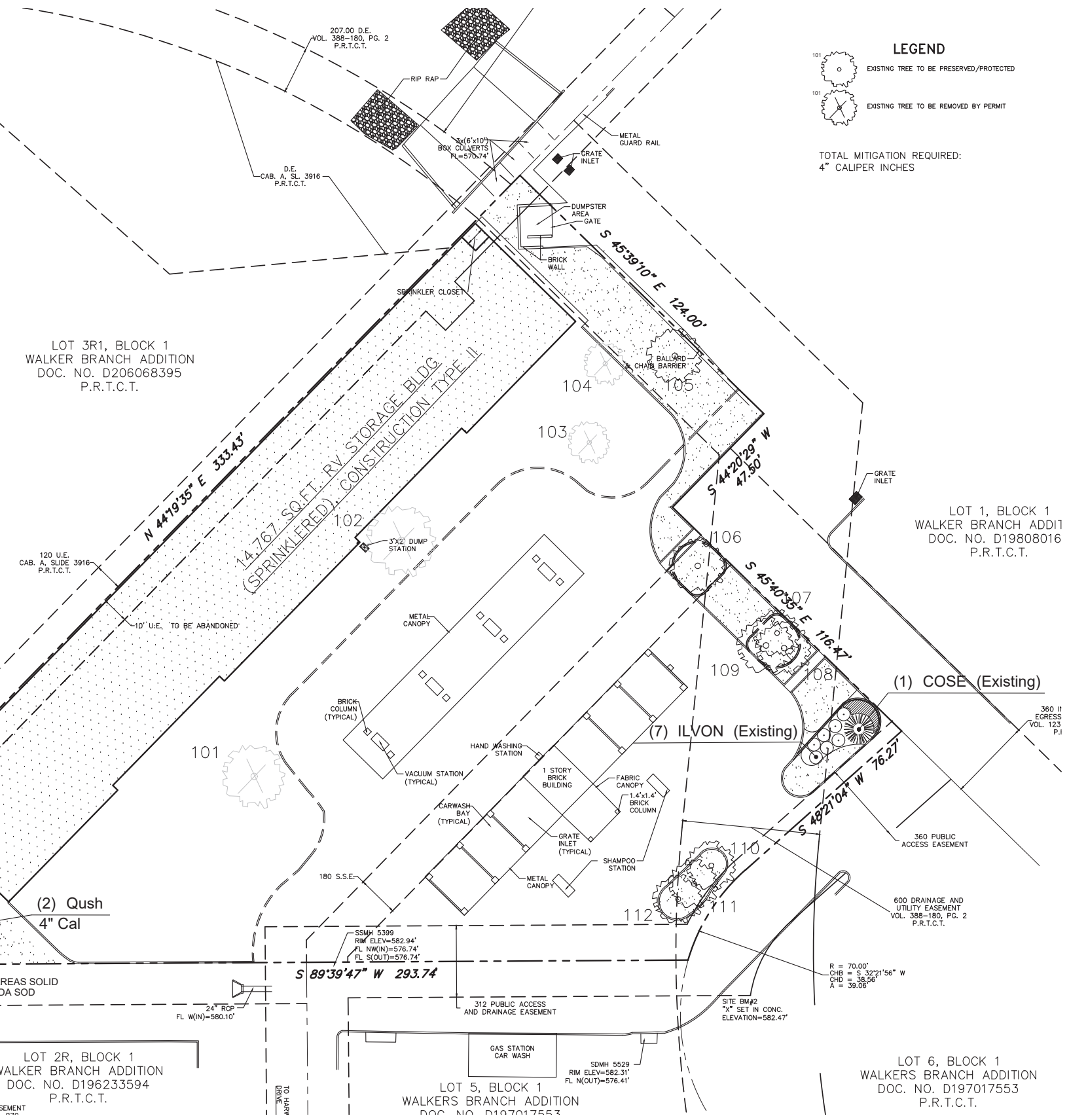


**SITE PLAN**  
 SCALE 1"=20'0"  
 LOT 4R BLOCK 1  
 WALKERS BRANCH ADDITION  
 NORTH RICHLAND HILLS, TX.

**SITE PLAN**  
 BEST CHOICE RV STORAGE  
 CASE NAME: BEST CHOICE RV STORAGE  
 CASE ADDRESS: LOT 4R, BLOCK 1,  
 WALKERS BRANCH ADDITION  
 PREPARED ON JANUARY 4, 2011  
 CASE NUMBER: SUP-2016-01

**PLANTING NOTES:**

1. PLANT SIZE, TYPE, AND CONDITION SUBJECT TO APPROVAL OF OWNER'S REPRESENTATIVE.
2. ALL PLANT MATERIAL TO BE NURSERY GROWN STOCK. CONTRACTOR RESPONSIBLE FOR MAINTENANCE OF ALL PLANT MATERIAL UNTIL PROJECT ACCEPTANCE.
3. ALL CONTAINER GROWN PLANTS TO HAVE FULL, VIGOROUS ROOT SYSTEM, COMPLETELY ENCOMPASSING CONTAINER.
4. ALL PLANTS WELL ROUNDED AND FULLY BRANCHED. ALL TREES WITH SPREAD 2/3 OF HEIGHT.
5. CONTRACTOR TO PROVIDE OWNER WITH PREFERRED MAINTENANCE SCHEDULE OF ALL PLANTS AND LAWNS. MAINTAIN/PROTECT VISIBILITY TRIANGLE WITH PLANT MATERIAL PER CITY STANDARDS AT ALL ENTRANCES TO SITE.
6. PREP ENTIRE WIDTH OF ALL DEFINED PLANTING BEDS WITH MIX AS OUTLINED IN SPECS. WHERE SHRUBS ARE LOCATED ALONG CURB, SET SHRUBS BACK FROM CURB 3 FT.
7. SEE DETAIL SHEET FOLLOWING FOR PLANTING DETAILS. CONTRACTOR RESPONSIBLE FOR LOCATION OF ALL UTILITIES, INCLUDING BUT NOT LIMITED TO TELEPHONE, TELECABLE, ELECTRIC, GAS, WATER AND SEWER. ANY DAMAGE TO UTILITIES TO BE REPAIRED BY CONTRACTOR AT NO COST TO OWNER.
8. IF EXISTING TREES ARE SHOWN TO REMAIN, CONTRACTOR SHALL PRUNE AS DIRECTED BY OWNER'S REPRESENTATIVE. WORK TO INCLUDE REMOVAL OF ALL SUCKER GROWTH, DEAD AND DISEASED BRANCHES AND LIMBS; WIND, BRIARS AND OTHER INVASIVE GROWTH; AND ALL INTERFERING BRANCHES. MAKE ALL CUTS FLUSH TO REMAINING LIMB. RETAIN NATURAL SHAPE OF PLANT. ALL WORK SUBJECT TO APPROVAL OF OWNER'S REPRESENTATIVE.
9. QUANTITIES ARE PROVIDED AS A COURTESY AND NOT INTENDED FOR BID PURPOSES. CONTRACTOR TO VERIFY PRIOR TO PRICING.
10. INSTALL EDGING BETWEEN LAWN AND PLANTING BEDS. REFER TO SPECIFICATIONS. FILE ALL CORNERS SMOOTH.
11. INSTALL CURLEX BLANKET (OR EQUAL) PER MANUFACTURER'S INSTRUCTIONS ON ALL GROUND COVER/SHRUB BEDS WITH A SLOPE OF 4:1 OR GREATER.
12. AT TIME OF PLAN PREPARATION, SEASONAL PLANT AVAILABILITY CANNOT BE DETERMINED. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO SECURE AND RESERVE ALL B&B PLANTS WHEN AVAILABLE IN CASE ACTUAL INSTALLATION OCCURS DURING THE OFF-SEASON. PURCHASE AND HOLD B&B PLANTS FOR LATE SEASON INSTALLATION.
13. CONTRACTOR SHALL STAKE TREES FOR OWNER'S APPROVAL PRIOR TO INSTALLATION.



**LEGEND**

EXISTING TREE TO BE PRESERVED/PROTECTED

EXISTING TREE TO BE REMOVED BY PERMIT

TOTAL MITIGATION REQUIRED:  
4" CALIPER INCHES

| TREE PRESERVATION PLAN |     |              |                |
|------------------------|-----|--------------|----------------|
| Number                 | DBH | Common Name  | Comment-Reason |
| 101                    | 8"  | LIVE OAK     | REMOVE-EXEMPT  |
| 102                    | 9"  | RED OAK      | REMOVE-EXEMPT  |
| 103                    | 4"  | WAX MYRTLE   | REMOVE-EXEMPT  |
| 104                    | 4"  | LIVE OAK     | REMOVE-EXEMPT  |
| 105                    | 4"  | WAX MYRTLE   | PRESERVE       |
| 106                    | 5"  | RED OAK      | PRESERVE       |
| 107                    | 4"  | GRAPE MYRTLE | PRESERVE       |
| 108                    | 6"  | GRAPE MYRTLE | PRESERVE       |
| 109                    | 8"  | GRAPE MYRTLE | PRESERVE       |
| 110                    | 7"  | GRAPE MYRTLE | PRESERVE       |
| 111                    | 6"  | GRAPE MYRTLE | PRESERVE       |
| 112                    | 5"  | GRAPE MYRTLE | PRESERVE       |

| CITY OF NORTH RICHLAND HILLS LANDSCAPE REQUIREMENTS |   |                               |
|---|---|-------------------------------|
| REQUIRED SITE LANDSCAPING                           | 15% OF TOTAL SITE TO BE LANDSCAPE AREA      |                               |
|   | REQUIRED                                    | PROVIDED                      |
|   | 61,312 SF X 15% = 9,197 SF                  | 7,232 SF - VARIANCE REQUESTED |
| REQUIRED LANDSCAPE SETBACK                          | MINIMUM 15' LANDSCAPE SETBACK               |                               |
|   | REQUIRED                                    | PROVIDED                      |
|   | NA  | NA                            |
| REQUIRED STREET FRONTAGE TREES                      | 1 TREE REQUIRED PER EVERY 50 FT OF FRONTAGE |                               |
|   | REQUIRED                                    | PROVIDED                      |
|   | NA  | NA                            |
| REQUIRED STREET FRONTAGE SHRUBS                     | 1 SHRUB REQUIRED PER EVERY 5 FT OF FRONTAGE |                               |
|   | REQUIRED                                    | PROVIDED                      |
|   | NA  | NA                            |
| REQUIRED PARKING LOT LANDSCAPING                    | 5% LANDSCAPE AREA REQUIRED                  |                               |
|   | REQUIRED                                    | PROVIDED                      |
|   | NA  | NA                            |
| REQUIRED PARKING LOT TREES                          | 1 TREE PER EVERY 20 SPACES                  |                               |
|   | REQUIRED                                    | PROVIDED                      |
|   | NA  | NA                            |
| BUFFER YARD REGULATION                              | 15' OF LANDSCAPING BETWEEN DISTRICTS        |                               |
|   | REQUIRED                                    | PROVIDED                      |
|   | 15'   | VARIANCE REQUESTED            |
| BUFFER YARD TREES                                   | 1 TREE PER 30 LF, 40% EVERGREEN             |                               |
|   | REQUIRED                                    | PROVIDED                      |
|   | NA  | NA                            |

- PLANTING NOTES:**
1. ALL LANDSCAPE AREAS REQUIRE PERMANENT IRRIGATION.
  2. ALL LARGE AND ORNAMENTAL TREES MUST BE ON BUBBLER/D RIP IRRIGATION SEPARATE ZONES FROM TURF GRASS.
  3. RAIN FREEZE SENSOR CONTROLS ARE REQUIRED.

TEMPORARY IRRIGATION WILL BE REQUIRED TO ESTABLISH TURF IN ALL DISTURBED AREAS WITHOUT A PERMANENT IRRIGATION SYSTEM. INSTALL SOD TO ESTABLISH TURF IN ALL DISTURBED AREAS AS IDENTIFIED ON GRADING AND EROSION CONTROL PLANS.

**CAUTION!!!**

UNDERGROUND UTILITIES ARE LOCATED IN THIS AREA. 48 HOURS PRIOR TO ANY CONSTRUCTION ACTIVITIES, CONTACT LINE LOCATES FOR FRANCHISE UTILITY INFO. CALL BEFORE YOU DIG! TEXAS EXCAVATION SAFETY SYSTEM (TESS) 1-800-344-8377 TEXAS ONE CALL SYSTEMS 1-800-245-4545 LONE STAR NOTIFICATION CENTER 1-800-669-8344 EXT. 5

BEFORE YOU DIG...

**CASE # SUP 2016-07 LANDSCAPE PLAN**

SCALE: 1" = 20'-0"

Date FEB 15, 2017  
 Drawn By RKR  
 Checked By JRF  
 Revisions  
 NOV 23, 2016  
 NOV 30, 2016  
 DEC 6, 2016  
 JAN 3, 2017

**FANN • CUPPETT LANDSCAPE ARCHITECTS, LLC**

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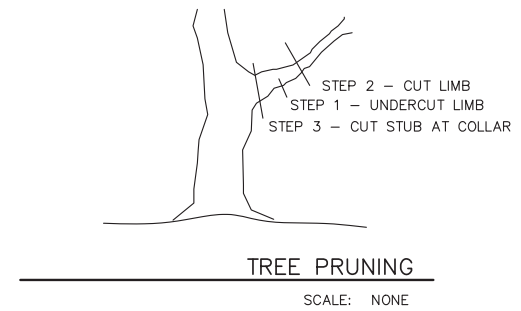
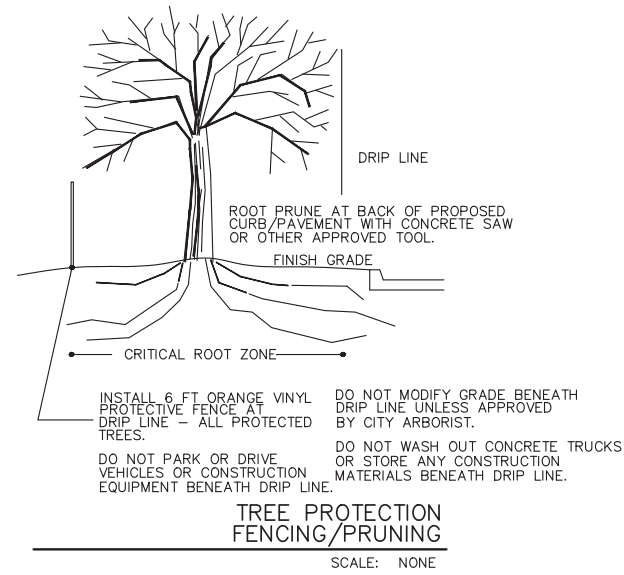
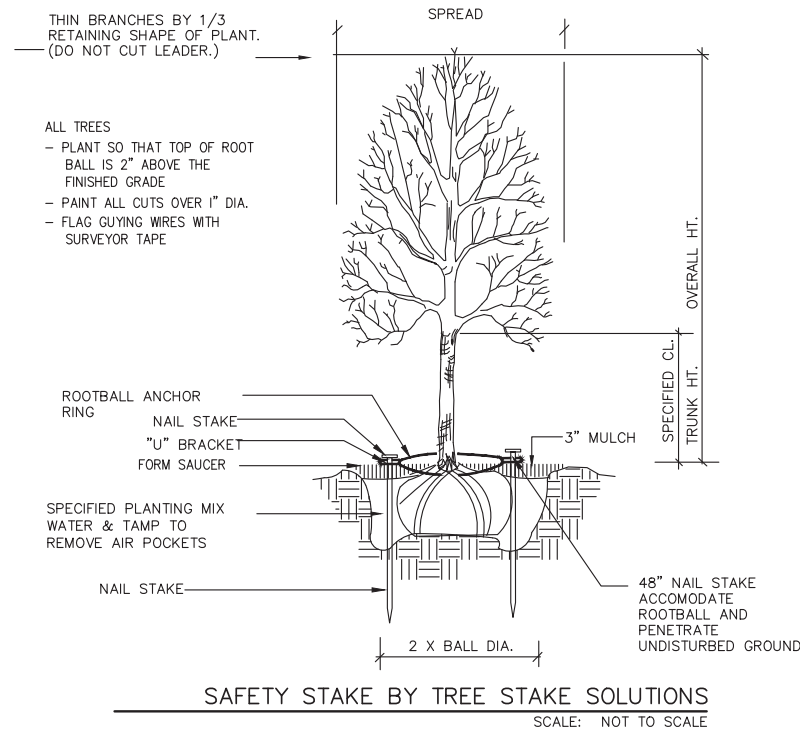
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**8405 HARWOOD NORTH RICHLAND HILLS, TEXAS**

Sheet No. **L-1**  
 OF 4

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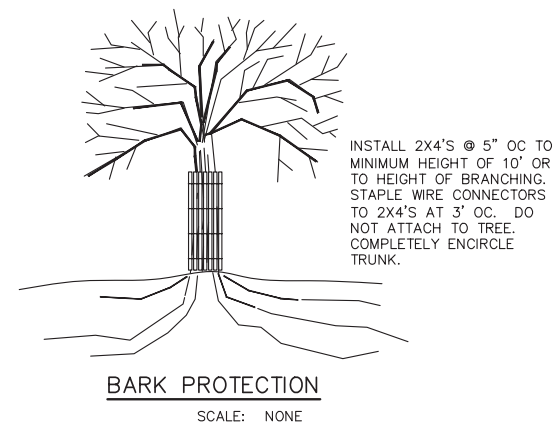
Contact Information:  
 JEFF TOULEY  
 www.treestakesolutions.com  
 903.676.6143



**PLANT LIST**

| SHRUBS       | QTY | CODE  | SCIENTIFIC NAME       | COMMON NAME        | PLANTING SIZE | COMMENTS |
|--------------|-----|-------|-----------------------|--------------------|---------------|----------|
|              | (7) | ILVON | Ilex vomitoria 'Nana' | Dwarf yaupon holly | (Existing)    |          |
|              | (1) | COSE  | Cortaderia selloana   | Pampas grass       | (Existing)    |          |
|              | (2) | Qush  | Quercus shumardii     | Shumard Oak        | 4" Cal.       | B & B    |
|              |     | MISI  | Miscanthus sinensis   | Maiden grass       | (Existing)    |          |
| GROUNDCOVERS | QTY | CODE  | SCIENTIFIC NAME       | COMMON NAME        | PLANTING SIZE | COMMENTS |
|              |     | CYDAC | Cynodon dactylon      | Bermuda grass      | (Solid Sod)   |          |

NOTE: CONTRACTOR SHALL BE RESPONSIBLE FOR CONFIRMING TREE AND SHRUB SIZES  
 CONFORM TO CITY LANDSCAPE STANDARDS AND MITIGATION REQUIREMENTS.



Date FEB 15, 2017  
 Drawn By RKR  
 Checked By JRF  
 Revisions  
 NOV 23, 2016  
 NOV 30, 2016  
 DEC 6, 2016  
 JAN 3, 2017



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8405 HARWOOD  
 NORTH RICHLAND HILLS, TEXAS

CASE # SUP 2016-07  
 PLANTING DETAILS

Sheet No.  
**L-2**  
 OF 4

SECTION 02830

TREES SHRUBS, AND GROUNDCOVERS

PART I GENERAL

1.01 DESCRIPTION OF WORK

A. Scope

- 1. Bed prep
2. Metal edging
3. Topsoil
4. Planting
5. Mulching
6. Guarantee

B. Related Work Specified Elsewhere

- 1. General Requirements – All locations
2. Section 02740 – Irrigation Trenching
3. Section 02750 – Irrigation
4. Section 02800 – Lawns

1.02 QUALITY ASSURANCE

A. Contractor Qualifications

Minimum of three (3) years experience on projects of similar characteristics and size.

B. Reference Standards:

- 1. American Joint Committee Of Horticultural Nomenclature: Standardized Plant Names, Second Edition, 1942;
2. American Association Of Nurserymen: American Standard For Nursery Stock, 1973

C. Substitutions

- 1. Substitutions accepted only upon written approval of Landscape Architect and Owner.
2. Submit substitutions possessing same characteristics as indicated on plans and specifications.

D. Inspection and Testing

- 1. The project Owner's representative reserves the right to inspect and tag plants at the place of growth with the Contractor.
2. Inspection at place of growth does not preclude the right of rejection due to improper digging or handling.
3. Owner's representative reserves the right to request soil samples and analysis of soil and plant mix. Remove or correct unacceptable soil. Cost of testing by Contractor.

1.03 SUBMITTALS

A. Certificates

- 1. Submit State and Federal certificates of inspection with invoice. (Only if required by Landscape Architect.)
2. File certificates with Owner's representative prior to material acceptance.

1.04 PRODUCT DELIVERY, STORAGE, & HANDLING

A. Preparation of Delivery

1. Balled & Burlaped (B&B) Plants

- a. Dig and prepare for shipment in manner that will not damage roots, branches, shape, and future development after replanting.
b. Ball with firm, natural ball of soil, wrapped tightly with burlap covering entire ball.
c. Ball size and ratios: conform to American Association of Nurserymen standards unless otherwise shown on plant list.
2. Pack plant material to protect against climatic & seasonal damage, as well as breakage injuries during transit.
3. Securely cover plant tops with ventilated tarpaulin or canvas to minimize wind-whipping and drying in transit.
4. Pack and ventilate to prevent sweating of plants during transit. Give special attention to insure prompt delivery and careful handling to point of delivery at job site.

B. Delivery

- 1. Deliver fertilizer, fertilizer tablets, peat, mulch, soil additives, and amendment materials to site in original, unopened containers, bearing manufacturer's guaranteed chemical analysis, name, trade name, trademark, and conformance to State law.
2. Deliver plants with legible identification and size labels on example plants.
3. Protect during delivery to prevent damage to root ball or desiccation of leaves.
4. Notify Owner's representative of delivery schedule in advance so plant material may be inspected upon arrival at job site.
5. Deliver plants to job site only when areas are prepared.

C. Storage

- 1. Protect roots of plant material from drying or other possible injury with wetted mulch or other acceptable material.
2. Protect from weather.
3. Maintain and protect plant material not to be planted immediately upon delivery.

D. Handling

- 1. Do not drop plants.
2. Do not damage ball, trunk, or crown.
3. Lift and handle plants from bottom of container or ball.

1.05 JOB CONDITIONS

- E. Planting Season Perform actual planting only when weather and soil conditions are suitable in accordance with locally acceptable practices.
F. Protection Before excavations are made, take precautionary measures to protect areas trucked over and where soil is temporarily stacked.

1.06 GUARANTEE

- A. Guarantee new plant material for one year after acceptance of final installation (ie Final Acceptance of project).
B. Make replacement (one per plant) during one year guarantee period at appropriate season with original plant type, size and planting mixture.
C. Repair damage to other plants, lawns, & irrigation caused during plant replacement at no cost to Owner.
D. Use only plant replacements of indicated size and species.
E. Ten days before end of guarantee period, notify Owner's representative in writing for year end inspection. Failure to do so, shall automatically extend guarantee until notification is received.

PART II PRODUCTS

2.01 MATERIALS

A. Plant Materials

- 1. Hardy under climatic conditions similar to locality of project.
2. True to botanical and common name variety.
3. Sound, healthy, vigorous, well branched, and densely foliated when in leaf; with healthy well-developed root system.
4. Free from disease, insects, and defects such as knots, sun-scald, windburn, injuries, disfigurement, or abrasions.
5. Conform to measurements after pruning with branches in normal positions.
6. Conform to American Association of Nurserymen standards unless shown differently on plant list.
7. Trees:
a. Single, straight trunks, unless indicated otherwise
b. Trees with weak, thin trunks not capable of support will not be accepted.
c. All multi-stem trees are to have a minimum of three stems, similar in size and shape, with a spread of approximately 2/3 of the height. All yaupons to be female.
8. Nursery grown stock only.
9. Subject to approval of Landscape Architect.
10. Seasonal color
a. Annuals in 4" pots or as specified
b. Perennials in 4" pots, clumps, bulbs as specified

B. Topsoil

- 1. Natural, fertile, friable soils having a textural classification of loam or sandy loam possessing characteristics of soils in vicinity which produce heavy growth of crops, grass, or other vegetation.
2. Free of subsoil, brush, organic litter, objectionable weeds, clods, shale, stones 1/4" diameter or larger, stumps, roots or other material harmful to grading, planting, plant growth, or maintenance operations.
3. Presence of vegetative parts of Bermuda grass (Cynodon dactylon), Johnson grass, nut grass (Cyperus rotundus), and other hard to eradicate weeds or grass will be cause for rejection of topsoil.
4. Test topsoil (cost by Contractor):

- a. Available nitrogen
b. Available phosphorus
c. Available potash
d. Iron
e. Ph: 5.5 to 7.0
f. Decomposed organic matter: 6-10%

C. Mulch

- 1. Top Dressing Mulch - Shredded cypress or hard wood only
2. Mulch for soil prep - Shredded pine bark
3. In pre-packaged bags only; bulk shredded material is unacceptable.

D. Peat Moss Commercially available baled peat moss or approved equivalent.

E. Staking Material

- 1. Stakes for tree support
a. Construction grade yellow pine, stain brown
b. Size as noted on plans

2. Wires

- a. Padded with rubbed hose to protect tree
b. Galvanized
c. With galvanized turnbuckle
d. Evenly tighten turnbuckles with plant in vertical position.

F. Water

- 1. Free of oils, acids, alkali, salt, and other substances harmful to plant growth
2. Location: Furnish temporary hoses and connections on site.

G. Sand Washed builders sand

H. Antidesiccant - "Wilt-proof" or equal.

I. Edging - 3/16" X 4" green, new and unused; with stakes.

2.02 MIXES

A. Planting Mixture

- Existing topsoil - 50%
3. Shredded pine bark - 50%
4. Fertilizer 10:20:10 at 30 lb./1000 SF

B. Planting Mix for Annuals/Perennials

- 1. Prepare above mix
2. Add 2" of sand

- C. Azalea mix: solid peat moss in hole 9" wider than root ball each direction. Plant in solid peat moss and provide mound at base of plant to allow for drainage.
D. Japanese maple, dogwood, camellias: Provide 50/50 peat moss to topsoil mix, raise for drainage.

PART III - EXECUTION

3.01 UTILITIES - verify location of all utilities prior to initiating construction; repair any damage caused by construction at no cost to owner.

3.02 INSPECTION

- A. Inspect plants for injury and insect infestation; prune prior to installation.
B. Inspect site to verify suitable job conditions.

3.03 FIELD MEASUREMENTS

- A. Location of all trees and shrubs to staked in the field and approved by Owner's representative prior to installation.
B. Location of all groundcover and seeding limits as shown on plans.

3.04 EXCAVATION FOR PLANTING

A. Pits

- 1. Shape - Vertical hand scarified sides and flat bottom.
2. Size for trees - 2 feet wider or twice the root ball, whichever is greater.
3. Size for shrubs - Size of planting bed as shown on drawings.
4. Rototill soil mix thoroughly, full depth.
5. NOTE: If beds are proposed beneath drip line of existing tree canopy, pocket prep plants. Do not roto-till beneath existing trees.

B. Obstructions Below Ground

- 1. Remove rock or underground obstructions to depth necessary to permit planting.
2. If underground obstructions cannot be removed, notify Owner's representative for instruction.
C. Excess Soil Dispense of unacceptable or excess soil away from the project site at Contractor's expense.

3.05 PLANTING

A. General

- 1. Set plants 2" above existing grade to allow for settling.
2. Set plants plumb and rigidly braced in position until planting mixture has been tamped solidly around ball.
3. Apply soil in accordance with standard industry practice for the region.
4. Thoroughly settle by water jetting and tamping soil in 6" lifts.
5. Prepare 3" dish outside root ball after planting.
6. Thoroughly water all beds and plants.
7. Stake trees and large shrubs as indicated on plans.
8. Apply anti-desiccant according to manufacturer's instructions.
9. Apply commercially manufactured root stimulator as directed by printed instruction.
10. Plant and fertilize bedding plants per trade standards.
11. Apply 3" mulch top dressing.

B. Balled Plants

- 1. Place in pit of planting mixture that has been hand tamped prior to placing plant.
2. Place with burlap intact to ground line. Top of ball to be 2" above surrounding soil to allow for settling.
3. Remove binding at top of ball and lay top of burlap back 6".
4. Do not pull wrapping from under ball, but cut all binding cord.
5. Do not plant if ball is cracked or broken before or during planting process or if stem or trunk is loose.
6. Backfill with planting mixture in 6" lifts.

C. Container Grown Plants

- 1. Place in pit on planting mixture that has been hand tamped prior to placing plant.
2. Cut cans on two sides with an acceptable can cutter, and remove root ball from can.

Do not injure root ball.

- 3. Carefully remove plants without injury or damage to root balls.
4. Backfill with planting mixture in 6" lifts.

D. Mulching

- 1. Cover planting bed evenly with 3" of mulch.
2. Water immediately after mulching.
3. Where mulch has settled, add additional mulch to regain 3" thickness.
4. Hose down planting area with fine spray to wash leaves of plants.

D. Pruning

- 1. Prune minimum necessary to remove injured twigs and branches, dead wood, and succors; remove approximately 1/3 of twig growth as directed by landscape architect; do not cut leaders or other major branches of plant unless directed by landscape architect.
2. Make cuts flush, leaving no stubs.
3. Paint cuts over 1" diameter with approved tree wound paint.
4. Do not prune evergreens except to remove injured branches.

3.06 EDGING

- A. Stake edging alignment with string line prior to installation. Use framing square to insure right angles are true.
B. Install all edging straight and true as indicated on drawings. Where edging layout is circular in design, maintain true and constant radii as shown.
C. When required on slopes, make vertical cuts (approximately 8" on center) on bottom of edging to allow bending without crimping edging.
D. Install edging so that approximately 1" is exposed on lawn side. Edging should not be visible from bed side after application of mulch.
E. Align edging with architectural features (ie pavement joints, windows, columns, wall, etc.) when drawings indicate.
F. Bend all corners, do not cut corners.
G. Interlock all pieces with pre-fabricated connectors.
H. Install with all stakes on inside of planting bed.
I. Remove, file off all sharp corners and burrs.

3.07 CLEAN-UP

A. Sweep and wash all paved surfaces.

Remove all planting and construction debris from site, including rocks, trash and all other miscellaneous materials.

3.08 MAINTENANCE

A. Contractor responsible for routine, and regular maintenance of site until Final Acceptance is awarded by Owner. Work includes:

- 1. Weeding (weekly)
2. Watering (as required)
3. Pruning
4. Spraying
5. Fertilizing
6. Mulching
7. Mowing (weekly)

B. Provide Owner and Landscape Architect with preferred maintenance schedule in writing. Schedule shall include the above-listed tasks and shall address all frequencies, rates, times, levels, etc.

Table with revision history: Date FEB 15, 2017, Drawn By RKR, Checked By JRF, Revisions NOV 23, 2016, NOV 30, 2016, DEC 6, 2016, JAN 3, 2017.

Firm logo for FARM • CHIPPETT LANDSCAPE ARCHITECTS, LLC with contact information.



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Address and location information: 8405 HARWOOD NORTH RICHLAND HILLS, TEXAS

SECTION 02800

FINISH GRADING, LAWN WORK, WILD FLOWERS

PART I – GENERAL

1.01 DESCRIPTION

A. Work includes turf establishment (sod, hydromulch, etc.) as described on drawings.

B. Make required analysis and material tests for topsoil, fertilizers, and other materials of similar character per current methods of the Association of Official Agricultural Chemists, when required.

C. Grass seed shall conform to tolerances for germination and purity per applicable standards of U.S. Department of Agriculture.

D. The turf contractor shall have a stand of grass established prior to substantial completion of the project. If this is not possible due to time of year or schedule, he shall maintain and protect the seeded areas until the grass is established.

PART II – PRODUCTS

2.01 TOPSOIL MATERIAL

A. Topsoil material (stockpiled, as specified in Specifications) has been saved for use in finish grading. After sifting out all plant growth, rubbish, and stones, use for areas designated to receive grass. If stockpiled topsoil is not sufficient quantity to complete work, furnish acceptable topsoil from another approved source to provide four inches (4") of topsoil for grass areas unless otherwise noted on drawings. Grass areas shall be defined as the graded areas disturbed during construction not to be paved or built upon.

B. Acceptable topsoil material shall be defined as natural, fertile, agricultural soil, capable of sustaining vigorous plant growth, uniform composition throughout admixture of subsoil, free of stones, lumps, plants, and their roots, sticks, or other extraneous matter; do not deliver while in a frozen or muddy condition.

2.02 FERTILIZER

A. Provide a commercial balanced fertilizer delivered to the job in bags labeled with manufacturer's guaranteed analysis. Store in weatherproof storage, place in such a manner that its effectiveness will not be impaired.

B. Fertilizer shall be a grade containing the percentages of plant food elements by weight as specified elsewhere in these specifications.

C. Availability of various elements shall be per Standards of the Association of Official Agricultural Chemists.

2.03 GRASS SEED

A. Grass seed shall be of the previous season's crop and the date of analysis shown on each bag shall be within nine (9) months of the time of delivery to the project. When requested by the Owner or Representative, the seeding contractor shall furnish a sample of seed from each bag for testing.

B. The seed shall comply with all provisions of the U.S. Department of Agriculture as to labeling, purity, and germination.

2.04 MULCHING

A. Dry straw or hay of good quality, free of seeds of competing plants and at such rate of 1 1/2 – 2 tons per acre; or,

B. Wood cellulose or cane fiber mulch at a rate of 1,000 pounds per acre when the slope is 3/4:1 and steeper; or,

C. A combination of good quality dry straw or hay free of seeds of competing plants at a rate of 2 1/2 tons per acre and wood cellulose or cane fiber mulch at a rate of 500 pounds per acre. This combination shall be used when the slope is flatter than 3/4:1; or,

D. Sericea lespedza seed bearing hay at a rate of 3 tons per acre. This mulch may be applied green or air dried, but must contain mature seed.

E. Manufactured mulch materials, such as soil retention blankets, erosion control netting, or others that may be required on special areas of high water concentration or unstable soils. When these materials are used, follow the manufacturer's recommendations for installation.

2.05 HYDRO-MULCHING

Wood cellulose fiber or cane fiber mulch will be applied with hydraulic seeding and fertilizing equipment. All slurry ingredients shall be mixed to form a homogeneous slurry and spray applied within one hour after the mixture is made.

When wood cellulose or cane fiber mulch is used at the 500 pound per acre rate, straw or hay mulch with asphalt emulsion is applied over this to complete the mulch.

Wood cellulose or cane fiber mulch at the 1,000 pound per acre rate is used alone where other mulch material will not stick.

Wood cellulose or cane fiber mulch is self anchoring.

PART III – EXECUTION

3.01 RESPONSIBILITY

The site grading contractor will be responsible to stockpile acceptable topsoil in a sufficient quantity to provide four inches (4") minimum cover for all grass areas, including but not limited to all curbed islands, and topsoil planting mounds/berms at the appropriate height and width as defined and shown on the landscaping and/or planting drawings. The topsoil and grass areas shall be further defined as any area disturbed during the grading and construction process.

The site grading contractor, shall be responsible to spread the topsoil within all perimeter graded areas and future building areas only.

The site grading contractor shall be responsible for backfilling of all curbed islands and planting mounds/berms. They shall also be responsible for removal of all stones, roots, and raking of all topsoil areas that are to be seeded and/or planted. It will also be the site grading contractor's responsibility to provide fertilizer, grass seed, and any additional topsoil required and mulching.

3.02 GRASS SEEDING

A. Remove stones, roots, rubbish and other deleterious materials from topsoiled areas that are to be seeded.

B. Immediately prior to sowing seed, scarify ground as necessary; rake until surface is smooth and friable. Sow seed evenly, lightly wood rake into 02800-3 ground, then roll ground with suitable roller; water thoroughly with fine spray. During any weather, keep lawn watered with sprinklers or other approved methods. Re-seed any areas not doing well or damaged. At intervals as may be required according to seasonal conditions, mow and water grass and execute necessary weeding until acceptable and full stand of grass has been obtained.

D. Provide permanent grass seeding for lawn areas so indicated. Seed in accordance with the following schedule (unless otherwise directed by Owner or Owner's Representative):

1. Sow areas ready for seeding between March 1 and October 1 with Hulled Common Bermuda at a rate of 85 pounds per acre.

2. Sow areas ready for seeding between October 1 and March 1 with Unhulled Common Bermuda at a rate of 90 pounds per acre, and Annual Rye Grass at the rate of 50 pounds per acre.

3. Apply fertilizer at a rate of 20/25 pounds per 1,000 square feet.

3.03 WILD FLOWERS

A. Areas indicated on plans to receive wild flower coverage shall be fine graded, fertilized, and prepared in a manner similar to traditional turf establishment.

B. Area to be hydromulched with seed mix as follows:

|                  |                 |
|------------------|-----------------|
| Tickseed         | 10 pounds/acre  |
| Cosmos           | 15 pounds/acre  |
| Ox-Eyed Daisy    | 5 pounds/acre   |
| Side Oats Grama  | 4 pounds/acre   |
| Showy Primrose   | 0.5 pounds/acre |
| Plains Coreopsis | 2 pounds/acre   |
| Black Eyed Susan | 2 pounds/acre   |
| Indian Blanket   | 10 pounds/acre  |
| Texas Bluebonnet | 4 pounds/acre   |
| Little Bluestem  | 4 pounds/acre   |

3.04 MULCH

A. All areas to be seeded shall be mulched.  
B. Mulch materials shall be applied uniformly over the seeded area. Mulch shall be straw and shall be at the rate of 1 1/2 – 2 tons per acre.

B. Mulch shall be anchored with an emulsified asphalt binder at the rate of 10 gallons per 1,000 square feet.

3.05 PROTECTION

Provide, at no additional cost to Owner, fencing, railing, wire or other types of protection for topsoiled and seeded areas against trespassing and damage. If lawns are damaged prior to Final Acceptance, treat or replace them as directed. Remove protection when so directed.

3.06 MAINTENANCE

Provide maintenance from start of work until Final Acceptance. Maintenance includes watering of lawns, weeding, mowing, edging, repairs of wash-outs and gullies, repairs to protection, and other necessary work of maintenance. Maintain slopes against erosion.

3.07 REHYDROMULCHING

The Owner's representative will designate areas to be replanted. Areas on which a stand of growing grass is not present in a reasonable length of time, (Bermuda grass seed should be germinating in 6-8 days) shall be prepared, reseeded and remulched, as specified for original planting at no additional cost to Owner. A stand shall be defined as live plants from seed occurring at a rate of not less than 1,000 growing plants per square foot. Replanting required because of faulty operations or negligence on the part of the Contractor shall be performed without cost to Owner.

3.08 FINAL CLEAN-UP

A. At time of final inspection of work, and before final acceptance, clean paved areas that are soiled or stained by operations of work of this section. Clean by sweeping or washing, and remove all defacements or stains.

B. Remove construction equipment, excess material and tools. Cart away from site any debris resulting from work of this section and dispose of as directed.

SECTION 02922

SODDING

PART I – GENERAL

1.01 DESCRIPTION

A. Work Included

- Sod bed preparation
- Fertilizing
- Sodding
- Miscellaneous management practices

B. Related Work Specified Elsewhere

- Finish Grading, Section 02800
- Lawns and Grasses, Section 02930

1.02 REFERENCE STANDARDS

A. Standardized Plant Names

American Joint Committee of Horticultural Nomenclature, Second Edition, 1942.

B. Texas Highway Department – Standard Specifications for Construction, Item 164, Seeding for Erosion Control.

1.03 SUBMITTALS

A. Vendors Certification That Sod Meets Texas State Sod Law

- Include labeling requirements.
- Include purity and type.

1.04 PRODUCT DELIVERY, STORAGE AND HANDLING

A. Sod:

- Previous season's crop with date of analysis on each bag.
- Furnish and deliver each variety in separate bags or containers.
- Sod to be cut no more than three days before delivery.

B. Fertilizer:

- Unopened bags labeled with the analysis.
- Conform to Texas Fertilizer Law.

1.05 JOB CONDITIONS

A. Planting Season:

- Only during suitable weather and soil conditions.
- As specifically authorized by the Owner's Representative.

B. Schedule – Only after all other construction is complete.

C. Protect and Maintain Sodded Areas

- From traffic and all other use.
- Until sodding is complete and accepted.

PART II – PRODUCTS

2.01 MATERIALS

A. Sod:

- Sod: As specified on drawings, weed, insect, and disease free having a minimum of 1 inch of topsoil attached to the roots and cut no more than three days prior to installation.
- The sod shall be cut in strips of at least 1/2 sq. yd. and not more than 1 sq. yd. Sod shall be cut into strips not less than 12" in width or more than 9' in length. At the time of harvest, the top growth shall not exceed 3" in length.
- All sod shall conform to the laws of the State and shall be obtained from sources meeting the approval of the Department of Agriculture, Division of Entomology.

B. Fertilizer:

- Uniform in composition, free flowing.
- Suitable for application in approved equipment.
- Analysis of 16-20-0, 16-8-8 or as directed.

C. Water:

- Free of oil, acid, alkali, salts or other substances harmful to growth of grasses.

PART III – EXECUTION

3.01 SOD BED PREPARATION

A. Cultivate to a depth of four (4") inches by disking and tilling with a power tiller.

B. Clear surfaces of all materials:

- Stumps, stones, and other objects larger than one inch (1").
- Roots, brush, wire, stakes, etc.
- Any objects that may interfere with sodding or maintenance.

C. Prepare sod bed:

- Remove soil clods larger than one inch (1").
- Grade areas to smooth, even surface, removing ridges and filling depressions. Final grade to be below finish grade of curbing and edging as shown on details. All grades shall meet approval of Owner's Representative before sodding.

3.02 SODDING

A. Sodding:

- Lightly water prepared grade, lay sod with staggered joints and with edges touching. Topdress with topsoil at edges if necessary to provide smooth surface. On slopes of 2 to 1 and greater, fasten sod in place with wood pegs (two each piece) or other approved method. Sod damaged by storage or during installation shall be rejected. Following setting, topdress with screened, approved topsoil.
- Water and fertilize at 5 lbs. per 1,000 sq. ft.
- Sod shall not be placed during a drought, nor during periods when sod is not normally placed in the area, and shall not be placed on frozen ground. No dry or frozen sod is acceptable.
- The contractor shall keep all sodded areas moist and growing until Final Acceptance. All areas shall be maintained in an acceptable condition until acceptance by Owner.

B. Rolling:

- After placing sod, roll with a hand roller, weighing not more than 100 lbs. per foot of width, in two directions.
- Eliminate all air pockets; finished surface should be free of excessive undulations.

3.05 MAINTENANCE AND MANAGEMENT

A. Includes protection, replanting, maintaining grades, repair of erosion damage. Also includes weekly mowing at 1 1/2" height until final acceptance.

B. Resodding:

- Resod damaged or unacceptable areas.
- Ruts, ridges, and other surface irregularities shall be corrected.

Date FEB 15, 2017  
 Drawn By RKR  
 Checked By JRF  
 Revisions  
 NOV 23, 2016  
 NOV 30, 2016  
 DEC 6, 2016  
 JAN 3, 2017

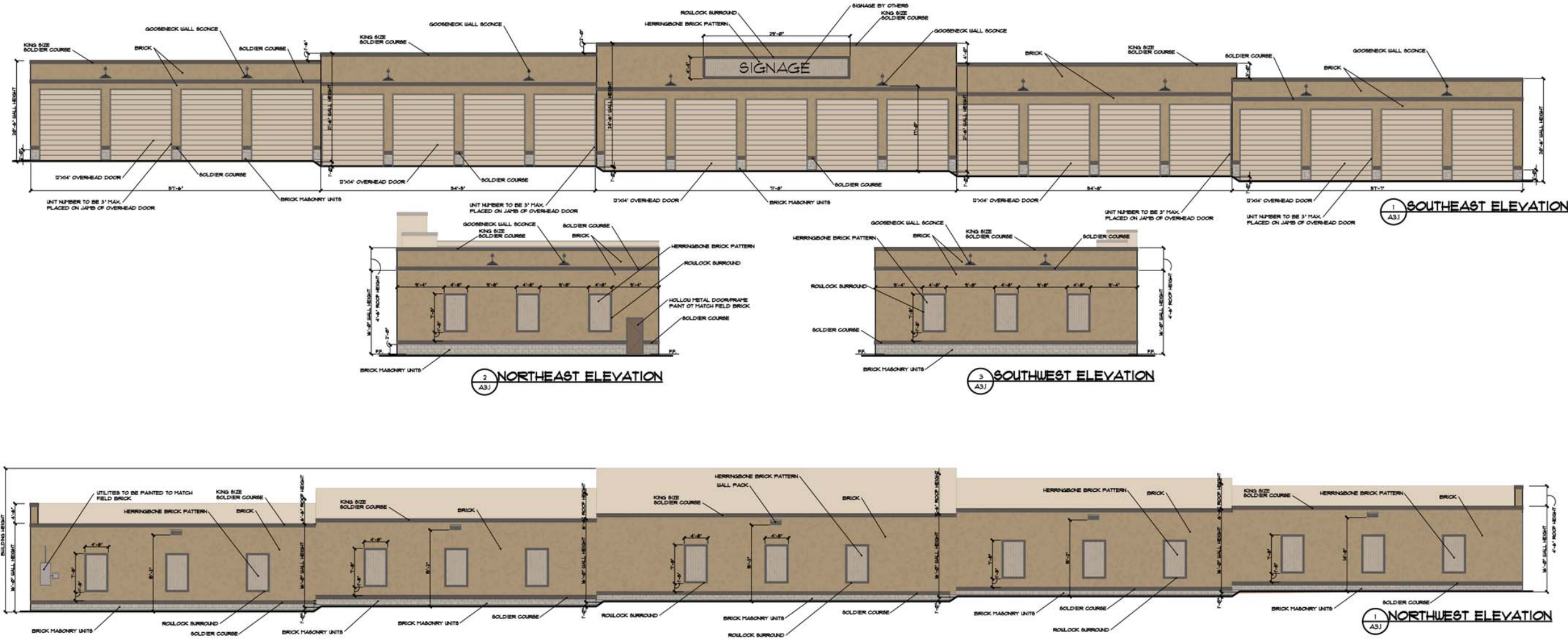


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8405 HARWOOD  
 NORTH RICHLAND HILLS, TEXAS

Sheet No.  
**L-4**  
 OF 4

CASE # SUP 2016-07  
 TURF SPECIFICATIONS



**MATERIAL TABLE**

| DIRECTION       | WALL AREA    | BRICK VENEER %  | SPLIT FACED BLK % | DOOR %         |
|-----------------|--------------|-----------------|-------------------|----------------|
| NORTHEAST ELEV. | 865 SQFT.    | 744 SQFT.-86%   | 97 SQFT.-11%      | 24 SQFT.-3%    |
| NORTHWEST ELEV. | 5048 SQFT.   | 5048 SQFT.-100% | 0 SQFT.-0%        | 0 SQFT.-0%     |
| SOUTHEAST ELEV. | 5048 SQFT.   | 888 SQFT.-17%   | 88 SQFT.-1%       | 4072 SQFT.-82% |
| SOUTHWEST ELEV. | 865 SQFT.    | 761 SQFT.-87%   | 104 SQFT.-13%     | 0 SQFT.-0%     |
| TOTAL           | 11,826 SQFT. | 7442 SQFT.-63%  | 289 SQFT.-2%      | 3720 SQFT.-35% |

**HATCHING LEGEND**

|                          |                    |
|--------------------------|--------------------|
| BRICK VENEER             | [Hatching pattern] |
| SPLIT FACED BLOCK VENEER | [Hatching pattern] |

**ELEVATIONS**  
BEST CHOICE RV STORAGE

CASE NAME: BEST CHOICE RV STORAGE  
 CASE ADDRESS: LOT 4R BLOCK 1,  
 WALKERS BRANCH ADDITION  
 PREPARED ON JANUARY 4, 2011  
 CASE NUMBER: SUP-2016-01

Date: 04/18/17  
 Drawn By: MJW  
 Checked By: MJW  
 Revisions:

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**BEST CHOICE RV STORAGE**  
 8405 HARWOOD ROAD  
 NORTH RICHLAND HILLS, TX

**M. J. WRIGHT ARCHITECT & ASSOCIATES, INC.**  
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Sheet No.  
**A3.1**  
 Project No.  
 16044W00

FIELD BRICK



TRIM BRICK



PARAPET COPING



OVERHEAD DOOR



ACCENT BRICK

Desert Tan  
Velour  
Modular

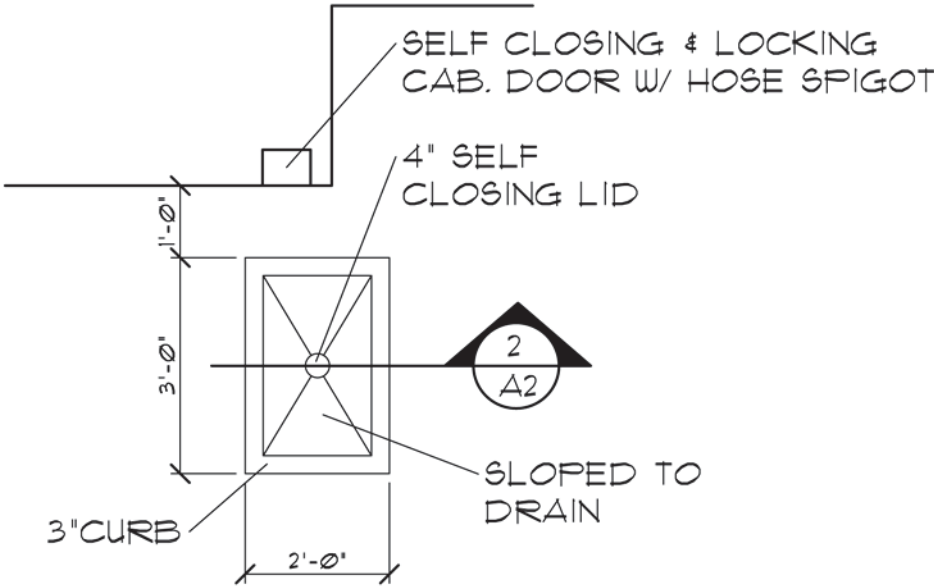


CELEBRATING 125  
YEARS OF QUALITY.

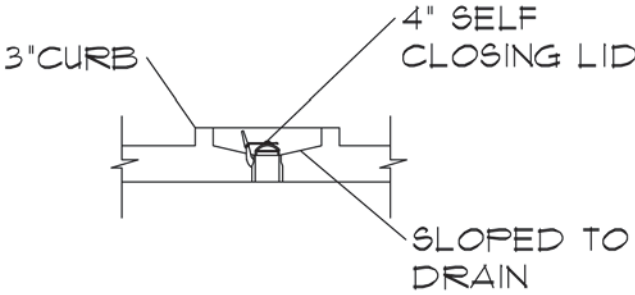


BASE BRICK



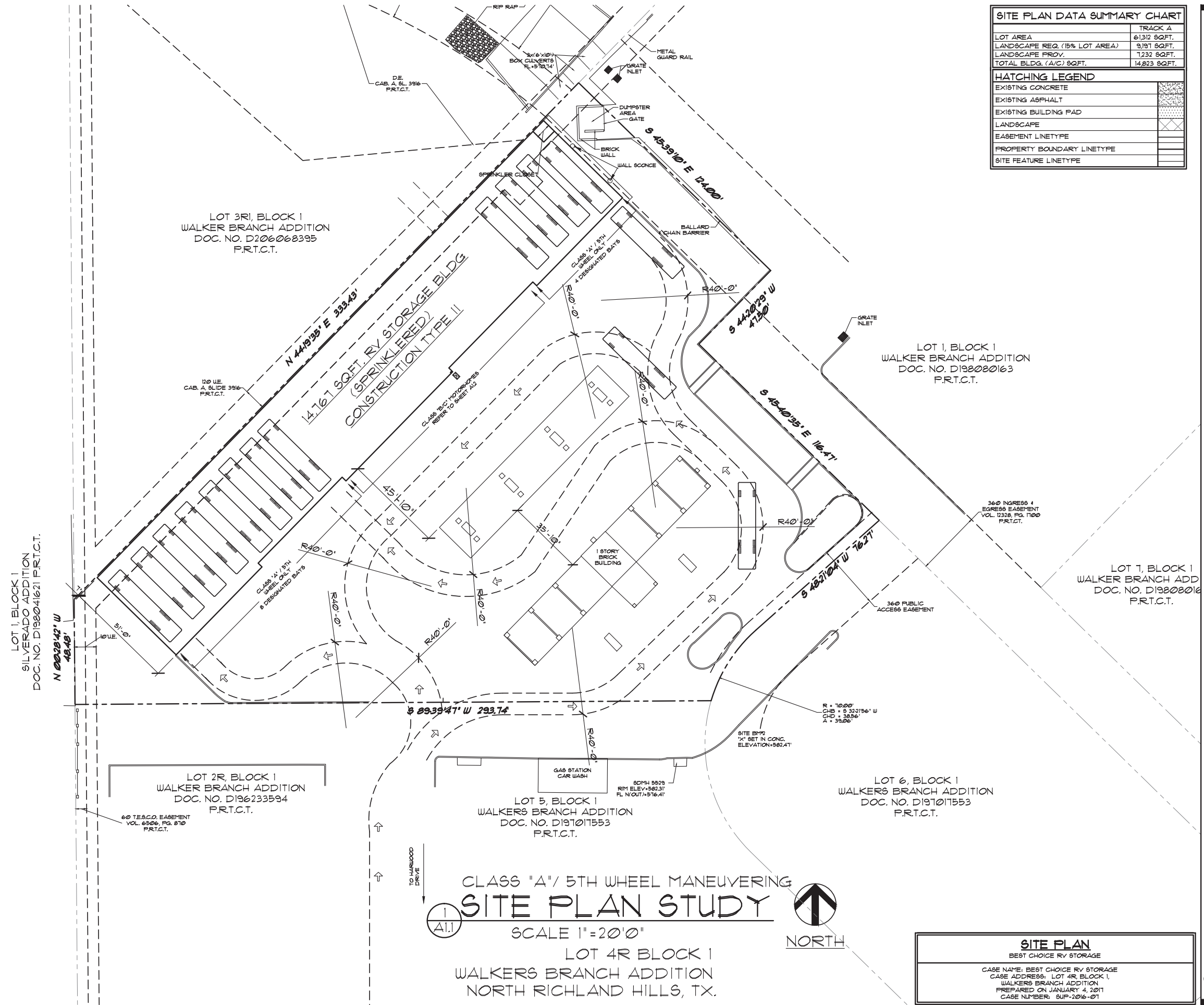


1 DUMP STATION TOP VIEW  
A2 N.T.S.



1 DUMP STATION TOP VIEW  
A2 N.T.S.





| SITE PLAN DATA SUMMARY CHART  |                    |
|-------------------------------|--------------------|
| LOT AREA                      | TRACK A            |
| LANDSCAPE REQ. (15% LOT AREA) | 61312 SQFT.        |
| LANDSCAPE PROV.               | 9191 SQFT.         |
| TOTAL BLDG. (A/C) SQFT.       | 7232 SQFT.         |
|                               | 14823 SQFT.        |
| HATCHING LEGEND               |                    |
| EXISTING CONCRETE             | [Hatching Pattern] |
| EXISTING ASPHALT              | [Hatching Pattern] |
| EXISTING BUILDING PAD         | [Hatching Pattern] |
| LANDSCAPE                     | [Hatching Pattern] |
| EASEMENT LINETYPE             | [Line Style]       |
| PROPERTY BOUNDARY LINETYPE    | [Line Style]       |
| SITE FEATURE LINETYPE         | [Line Style]       |

Date 04/18/17  
 Drawn By M.J.W.  
 Checked By M.J.W.  
 Revisions

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**BEST CHOICE RV STORAGE**  
 8405 HARWOOD ROAD  
 NORTH RICHLAND HILLS, TX



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Sheet No.  
**A1.1**  
 Project No.  
 16044100

CLASS "A" / 5TH WHEEL MANEUVERING  
**SITE PLAN STUDY**  
 SCALE 1"=20'0"  
 LOT 4R BLOCK 1  
 WALKERS BRANCH ADDITION  
 NORTH RICHLAND HILLS, TX.

**SITE PLAN**  
 BEST CHOICE RV STORAGE  
 CASE NAME: BEST CHOICE RV STORAGE  
 CASE ADDRESS: LOT 4R, BLOCK 1,  
 WALKERS BRANCH ADDITION  
 PREPARED ON JANUARY 4, 2017  
 CASE NUMBER: SUP-2016-01

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| SITE PLAN DATA SUMMARY CHART  |                 |
|-------------------------------|-----------------|
| LOT AREA                      | 6132 SQFT.      |
| LANDSCAPE REQ. (15% LOT AREA) | 9191 SQFT.      |
| LANDSCAPE PROV.               | 7232 SQFT.      |
| TOTAL BLDG. (A/C) SQFT.       | 14823 SQFT.     |
| HATCHING LEGEND               |                 |
| EXISTING CONCRETE             | [Hatch Pattern] |
| EXISTING ASPHALT              | [Hatch Pattern] |
| EXISTING BUILDING PAD         | [Hatch Pattern] |
| LANDSCAPE                     | [Hatch Pattern] |
| EASEMENT LINETYPE             | [Line Style]    |
| PROPERTY BOUNDARY LINETYPE    | [Line Style]    |
| SITE FEATURE LINETYPE         | [Line Style]    |

Date 04/18/11  
 Drawn By M.J.W.  
 Checked By M.J.W.  
 Revisions

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**BEST CHOICE RV STORAGE**  
 8405 HARWOOD ROAD  
 NORTH RICHLAND HILLS, TX

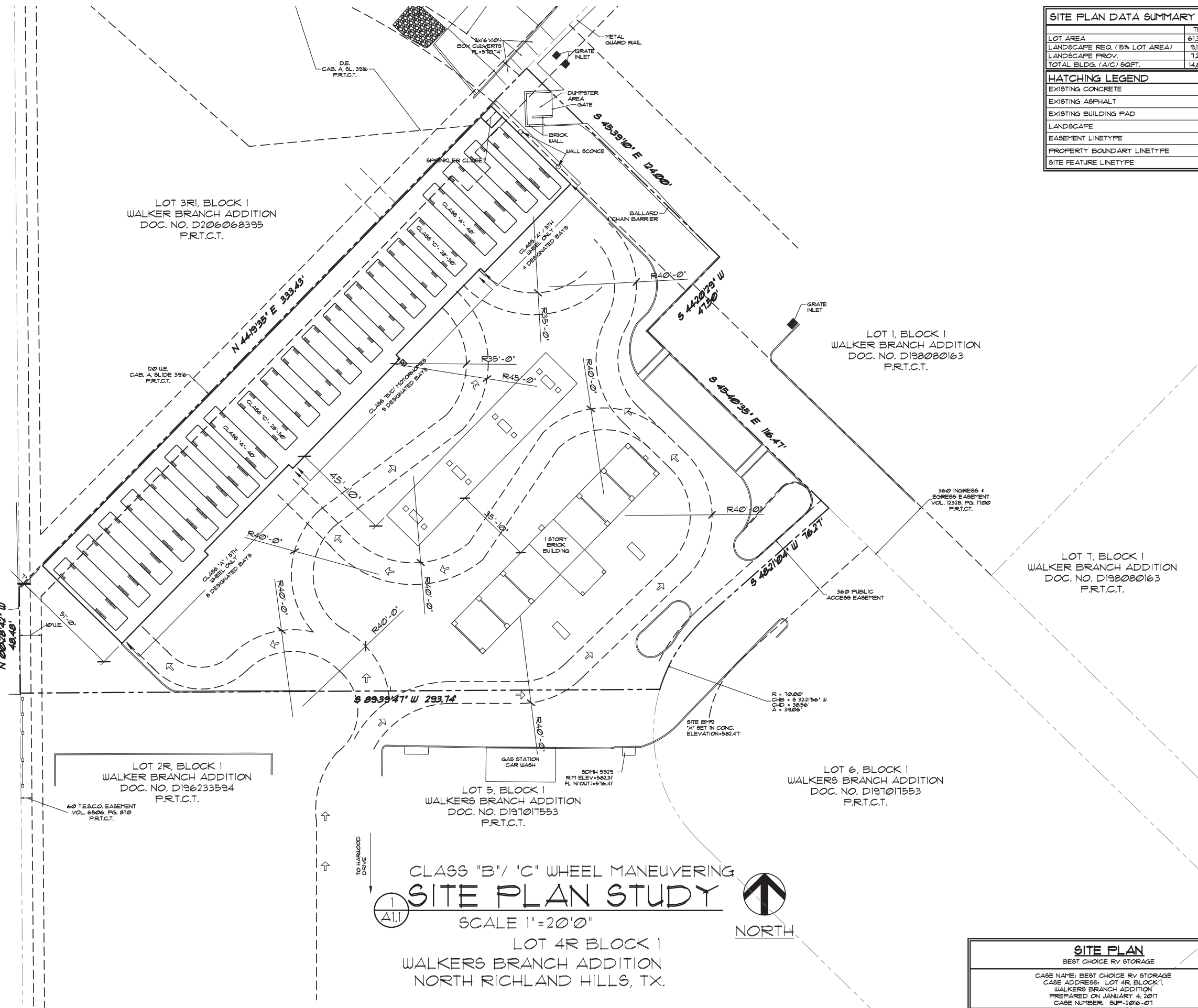


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Sheet No.  
**A1.2**  
 Project No.  
 16044000

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CLASS "B" / "C" WHEEL MANEUVERING  
**SITE PLAN STUDY**  
 SCALE 1"=20'0"



LOT 4R BLOCK 1  
 WALKERS BRANCH ADDITION  
 NORTH RICHLAND HILLS, TX.

**SITE PLAN**  
 BEST CHOICE RV STORAGE  
 CASE NAME: BEST CHOICE RV STORAGE  
 CASE ADDRESS: LOT 4R, BLOCK 1,  
 WALKERS BRANCH ADDITION  
 PREPARED ON JANUARY 4, 2011  
 CASE NUMBER: SUP-2016-01

LOT 1, BLOCK 1  
 SILVERADO ADDITION  
 DOC. NO. D198041621 P.R.T.C.T.

LOT 3R1, BLOCK 1  
 WALKER BRANCH ADDITION  
 DOC. NO. D206068395  
 P.R.T.C.T.

20' U.E.  
 CAB. A. SLIDE 3916  
 P.R.T.C.T.

LOT 2R, BLOCK 1  
 WALKER BRANCH ADDITION  
 DOC. NO. D196233594  
 P.R.T.C.T.

LOT 5, BLOCK 1  
 WALKERS BRANCH ADDITION  
 DOC. NO. D191017553  
 P.R.T.C.T.

LOT 6, BLOCK 1  
 WALKERS BRANCH ADDITION  
 DOC. NO. D191017553  
 P.R.T.C.T.

LOT 1, BLOCK 1  
 WALKER BRANCH ADDITION  
 DOC. NO. D198080163  
 P.R.T.C.T.

LOT 7, BLOCK 1  
 WALKER BRANCH ADDITION  
 DOC. NO. D198080163  
 P.R.T.C.T.

60' T.E.&C.O. EASEMENT  
 VOL. 6506, PG. 810  
 P.R.T.C.T.

360' INGRESS &  
 EGRESS EASEMENT  
 VOL. 12328, PG. 11000  
 P.R.T.C.T.

360' PUBLIC  
 ACCESS EASEMENT

R = 10.00'  
 CHB = 6.322156' W  
 CHD = 28.56'  
 A = 29.08'

SCPH 5529  
 RIM ELEV +582.31'  
 FL. N. OUT +516.41'

TO HARWOOD  
 DRIVE



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Home > Brands > Millennium Lighting > Wall Sconces > Millennium Lighting RWHS17-RGN15



### Millennium Lighting

RWHS17-RGN15 Architectural Bronze R Series 1 Light Outdoor Wall Sconce with Dark Sky Compliant 17" Warehouse Shade and 14.5" Gooseneck Stem

★★★★★ (2) — Read Reviews Item# BCI2282573 | Model# RWHS17-RGN15

Finish: Architectural Bronze Select a Finish

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Outdoor Lighting (9157)

# Lumark

## DESCRIPTION

The patented Lumark Crosstour™ MAXX LED wall pack series of luminaries provides low-profile architectural style with super bright, energy-efficient LEDs. The rugged die-cast aluminum construction, back box with secure lock hinges, stainless steel hardware along with a sealed and gasketed optical compartment make Crosstour impervious to contaminants. The Crosstour MAXX wall luminaire is ideal for wall/surface, inverted mount for facade/canopy illumination, perimeter and site lighting. Typical applications include pedestrian walkways, building entrances, multi-use facilities, industrial facilities, perimeter parking areas, storage facilities, institutions, schools and loading docks.

## SPECIFICATION FEATURES

### Construction

Low-profile LED design with rugged one-piece, die-cast aluminum back box and hinged removable door. Matching housing styles incorporate both a full cutoff and refractive lens design. Full cutoff and refractive lens models are available in 58W and 81W. Patent pending secure lock hinge feature allows for safe and easy tool-less electrical connections with the supplied push-in connectors. Back box includes four 1/2" NPT threaded conduit entry points. The back box is secured by four lag bolts (supplied by others). External fin design extracts heat from the fixture surface. One-piece silicone gasket seals door and back box. Not recommended for car wash applications.

### Optical

Silicone sealed optical LED chamber incorporates a custom engineered reflector providing high-efficiency illumination. Full cutoff models integrate an impact-resistant molded refractive prism optical lens assembly meeting requirements for Dark Sky compliance. Refractive lens models incorporate a molded lens assembly designed for maximum forward throw. Solid state LED Crosstour MAXX luminaries are

thermally optimized with eight lumen packages in cool 5000K or neutral 4000K (58W, 81W models) LED color temperature (CCT).

### Electrical

LED driver is mounted to the die-cast aluminum housing for optimal heat sinking. LED thermal management system incorporates both conduction and natural convection to transfer heat rapidly away from the LED source. 58W and 81W models operate in -40°C to 40°C [-40°F to 104°F]. High ambient 50°C [122°F] models available in 58W and 81W models only. Crosstour MAXX luminaires maintain greater than 89% of initial light output after 72,000 hours of operation. Four half-inch NPT threaded conduit entry points allow for thru-branch wiring. Back box is an authorized electrical wiring compartment. Integral LED electronic driver incorporates surge protection. 120-277V 50/60Hz, 480V 60Hz, or 347V 60Hz electrical operation. 480V is compatible for use with 480V Wye systems only.

### Emergency Egress

Optional integral cold weather battery emergency egress includes emergency operation test switch (available in 58W and 81W models only), an AC-ON indicator light and

a premium extended rated sealed maintenance-free nickel-metal hydride battery pack. The separate emergency lighting LEDs are wired to provide redundant emergency lighting. Listed to UL Standard 924, Emergency Lighting.

### Area and Site Pole Mounting

Optional extruded aluminum 6-1/2" arm features internal bolt guides for supplied twin support rods, allowing for easy positioning of the fixture during installation to pole. Supplied with round plate adapter plate. Optional tenon adapter fits 2-3/8" or 3-1/2" O.D. Tenon.

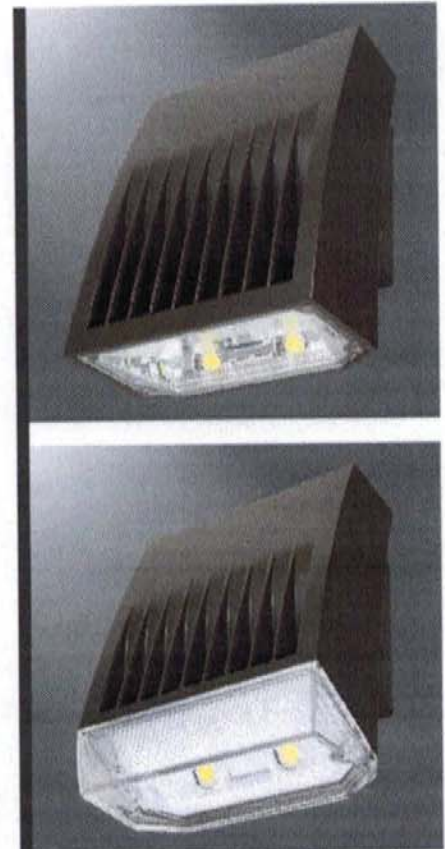
### Finish

Crosstour MAXX is protected with a super TGIC carbon bronze or summit white polyester powder coat paint. Super TGIC powder coat paint finishes withstand extreme climate conditions while providing optimal color and gloss retention of the installed life.

### Warranty

Five-year warranty.

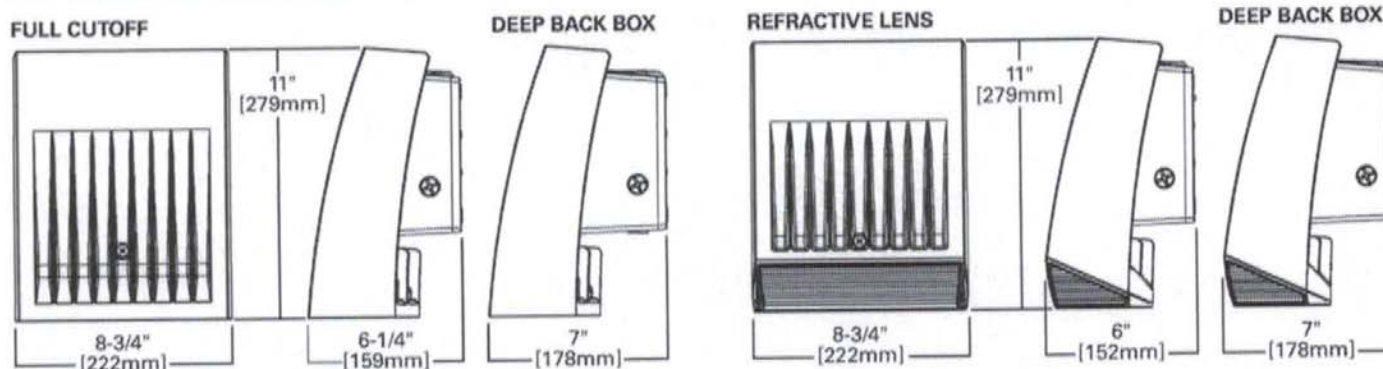
|             |  |      |
|-------------|--|------|
| Catalog #   |  | Type |
| Project     |  |      |
| Comments    |  | Date |
| Prepared by |  |      |



## XTOR CROSSTOUR MAXX LED

APPLICATIONS:  
WALL / SURFACE  
INVERTED  
SITE LIGHTING

## DIMENSIONS



### CERTIFICATION DATA

UL/cUL Wet Location Listed  
LM79 / LM80 Compliant  
ROHS Compliant  
NOM Compliant Models  
3G Vibration Tested  
UL924 Listed (CBP Models)  
IP66 Rated

### TECHNICAL DATA

40°C Ambient Temperature  
External Supply Wiring 90°C Minimum

### EPA

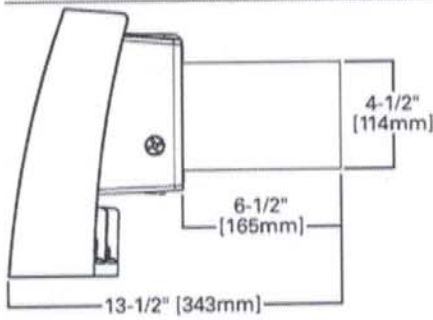
Effective Projected Area (Sq. Ft.):  
XTOR6B, XTOR8B=0.54  
With Pole Mount Arm=0.98

### SHIPPING DATA:

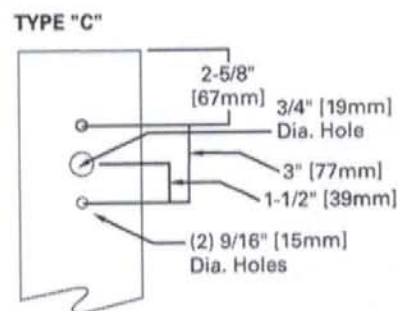
Approximate Net Weight:  
12-15 lbs. [5.4-6.8 kgs.]

**DIMENSIONS**

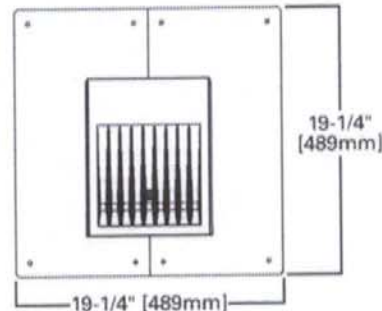
**OPTIONAL POLE MOUNT ARM**



**ARM DRILLING**



**ESCUTCHEON PLATES**



**POWER AND LUMENS BY FIXTURE MODEL**

| 58W Series                  |   |          |   |            |
|-----------------------------|---|----------|---|------------|
| LED Information             | XTOR6B  | XTOR6BRL | XTOR6B-W  | XTOR6BRL-W |
| Delivered Lumens            | 6,129   | 6,225    | 6,038   | 6,133      |
| B.U.G. Rating               | B1-U0-G1                                      | B2-U4-G3 | B1-U0-G1  | B2-U4-G3   |
| CCT (Kelvin)                | 5000K   | 5000K    | 4000K   | 4000K      |
| CRI (Color Rendering Index) | 70  | 70       | 70  | 70         |
| Power Consumption (Watts)   | 58W   | 58W      | 58W   | 58W        |
| 81W Series                  |   |          |   |            |
| LED Information             | XTOR8B  | XTOR8BRL | XTOR8B-W  | XTOR8BRL-W |
| Delivered Lumens            | 8,502   | 8,635    | 8,373   | 8,504      |
| B.U.G. Rating               | B2-U0-G1                                      | B2-U4-G3 | B2-U0-G1  | B2-U4-G3   |
| CCT (Kelvin)                | 5000K   | 5000K    | 4000K   | 4000K      |
| CRI (Color Rendering Index) | 70  | 70       | 70  | 70         |
| Power Consumption (Watts)   | 81W   | 81W      | 81W   | 81W        |
| EGRESS Information          | XTOR6B, and XTOR8B Full Cutoff CBP Egress LED |          | XTOR6B, and XTOR8B Refractive Lens CBP Egress LED |            |
| Delivered Lumens            | 509   |          | 468   |            |
| B.U.G. Rating               | N.A.  |          | N.A.  |            |
| CCT (Kelvin)                | 4000K   |          | 4000K   |            |
| CRI (Color Rendering Index) | 65  |          | 65  |            |
| Power Consumption (Watts)   | 1.8W  |          | 1.8W  |            |

**LUMEN MAINTENANCE**

| Ambient Temperature | TM-21 Lumen Maintenance (72,000 Hours) | Theoretical L70 (Hours) |
|---------------------|--|-------------------------|
| <b>XTOR6B Model</b> |  |                         |
| 25°C                | > 90%                                  | 246,000                 |
| 40°C                | > 88%                                  | 217,000                 |
| 50°C                | > 88%                                  | 201,000                 |
| <b>XTOR8B Model</b> |  |                         |
| 25°C                | > 89%                                  | 219,000                 |
| 40°C                | > 87%                                  | 195,000                 |
| 50°C                | > 86%                                  | 181,000                 |

**CURRENT DRAW**

| Voltage | Model Series |        |                              |                              |
|---------|--------------|--------|------------------------------|------------------------------|
|         | XTOR6B       | XTOR8B | XTOR6B-CBP (Fixture/Battery) | XTOR8B-CBP (Fixture/Battery) |
| 120V    | 0.51         | 0.71   | 0.60/0.25                    | 0.92/0.25                    |
| 208V    | 0.25         | 0.39   | --                           | --                           |
| 240V    | 0.25         | 0.35   | --                           | --                           |
| 277V    | 0.22         | 0.31   | 0.36/0.21                    | 0.50/0.21                    |
| 347V    | 0.19         | 0.25   |                              | --                           |
| 480V    | 0.14         | 0.19   |                              | --                           |

**ORDERING INFORMATION**

Sample Number: XTOR6B-W-WT-PC1

| Series  | LED Kelvin Color  | Housing Color  | Options (Add as Suffix)  |
|---|---|--|--|
| <b>Full Cutoff</b><br>XTOR6B=58W<br>XTOR8B=81W<br><br><b>Refractive Lens</b><br>XTOR6BRL=58W<br>XTOR8BRL=81W  | [Blank]=Bright White (Standard)<br>5000K<br>W=Neutral, 4000K <sup>1</sup> | [Blank]=Carbon Bronze (Standard)<br>WT=Summit White<br>BK=Black<br>BZ=Bronze<br>AP=Grey<br>GM=Graphite Metallic  | 347V=347V <sup>2,3,4,5</sup><br>480V=480V <sup>2,3,4,5,6</sup><br>PC1=Photocontrol 120V <sup>7</sup><br>PC2=Photocontrol 208-277V <sup>7,8</sup><br>PMA=Pole Mount Arm (C Drilling) with Round Adapter <sup>3,9</sup><br>HA=50°C High Ambient <sup>6</sup><br>MS-L20=Motion Sensor for ON/OFF Operation <sup>2,3,10,11</sup><br>MS/DIM-L20=Motion Sensor for Dimming Operation <sup>2,3,10,11,12,13,14</sup><br>CBP=Cold Weather Battery Pack <sup>2,3,11,15</sup> |
| <b>Accessories (Order Separately)</b>   |   |  |  |
| WG-XTORMX=Crosstour MAXX Wire Guard<br>PB120V=Field Installed 120V Photocontrol<br>PB277V BUTTON PC=Field Installed 208-277V Photocontrol <sup>8</sup><br>VA1040-XX=Single Tenon Adapter for 3-1/2" O.D. Tenon <sup>16</sup><br>VA1041-XX=2@180° Tenon Adapter for 3-1/2" O.D. Tenon <sup>16</sup><br>VA1042-XX=3@120° Tenon Adapter for 3-1/2" O.D. Tenon <sup>16</sup><br>VA1043-XX=4@90° Tenon Adapter for 3-1/2" O.D. Tenon <sup>16</sup><br>VA1044-XX=2@90° Tenon Adapter for 3-1/2" O.D. Tenon <sup>16</sup><br>VA1045-XX=3@90° Tenon Adapter for 3-1/2" O.D. Tenon <sup>16</sup><br>VA1046-XX=2@120° Tenon Adapter for 3-1/2" O.D. Tenon <sup>16</sup> |   | VA1033-XX=Single Tenon Adapter for 2-3/8" O.D. Tenon <sup>16</sup><br>VA1034-XX=2@180° Tenon Adapter for 2-3/8" O.D. Tenon <sup>16</sup><br>VA1035-XX=3@120° Tenon Adapter for 2-3/8" O.D. Tenon <sup>16</sup><br>VA1036-XX=4@90° Tenon Adapter for 2-3/8" O.D. Tenon <sup>16</sup><br>VA1037-XX=2@90° Tenon Adapter for 2-3/8" O.D. Tenon <sup>16</sup><br>VA1038-XX=3@90° Tenon Adapter for 2-3/8" O.D. Tenon <sup>16</sup><br>VA1039-XX=2@120° Tenon Adapter for 2-3/8" O.D. Tenon <sup>16</sup><br>EWP/XTORMX=Escutcheon Wall Plate, Carbon Bronze<br>EWP/XTORMX-WT=Escutcheon Wall Plate, Summit White<br>FSIR-100=Wireless Configuration Tool for Occupancy Sensor <sup>14</sup> |  |

**NOTES:**

1. Available in 58W and 81W only.
2. Not available with HA option.
3. Deep back box is standard for 347V, 480V, CBP, PMA, MS-L20 and MS/DIM-L20.
4. Not available with CBP option.
5. Thru-branch wiring not available with HA option or with 347V.
6. Only for use with 480V Wye systems. Per NEC, not for use with ungrounded systems, impedance grounded systems or corner grounded systems (commonly known as Three Phase Three Wire Delta, Three Phase High Leg Delta and Three Phase Corner Grounded Delta systems).
7. Not available with MS-L20 and MS/DIM-L20 options.
8. Use PC2 with 347V or 480V option for photocontrol. Factory wired to 208-277V lead.
9. Customer is responsible for engineering analysis to confirm pole and fixture compatibility for all applications. Refer to our white paper WP513001EN for additional support information.
10. For use in downlight orientation only. Optimal coverage at mounting heights of 9'-20'.
11. 120V or 277V only.
12. Factory set to 50% power reduction after 15-minutes of inactivity. Dimming driver included.
13. Includes integral photo sensor.
14. The FSIR-100 configuration tool is required to adjust parameters including high and low modes, sensitivity, time delay, cutoff, and more. Consult your lighting representative at Eaton for more information.
15. Operating temperatures -20°C to 25°C.
16. Replace XX with housing color.

**STOCK ORDERING INFORMATION**

| 58W Series   | 81W Series   |
|--|--|
| <b>Full Cutoff</b>   |  |
| XTOR6B=58W, 5000K, Carbon Bronze   | XTOR8B=81W, 5000K, Carbon Bronze   |
| XTOR6B-PC1=58W, 5000K, 120V PC, Carbon Bronze                            | XTOR8B-PC1=81W, 5000K, 120V PC, Carbon Bronze                            |
| XTOR6B-WT= 58W, 5000K, Summit White                                      | XTOR8B-WT=81W, 5000K, Summit White                                       |
| XTOR6B-W=58W, 4000K, Carbon Bronze                                       | XTOR8B-PC2=81W, 5000K, 208-277V PC, Carbon Bronze                        |
| XTOR6B-PMA= 58W, 5000K, Pole Mount Arm, Carbon Bronze                    | XTOR8B-PMA=81W, 5000K, Pole Mount Arm, Carbon Bronze                     |
| XTOR6B-W-PMA=58W, 4000K, Pole Mount Arm, Carbon Bronze                   | XTOR8B-W=81W, 4000K, Carbon Bronze                                       |
| XTOR6B-PC2= 58W, 5000K, 208-277V PC, Carbon Bronze                       | XTOR8B-W-PC1=81W, 4000K, 120V PC, Carbon Bronze                          |
| XTOR6B-W-PC2=58W, 4000K, 208-277V PC, Carbon Bronze                      | XTOR8B-W-PC2=81W, 4000K, 208-277V PC, Carbon Bronze                      |
| XTOR6B-W-PC1=58W, 4000K, 120V PC, Carbon Bronze                          | XTOR8B-W-PMA=81W,4000K, Pole Mount Arm, Carbon Bronze                    |
| <b>Refractive Lens</b>   |  |
| XTOR6BRL=58W, 5000K, Refractive Lens, Carbon Bronze                      | XTOR8BRL=81W, 5000K, Refractive Lens, Carbon Bronze                      |
| XTOR6BRL-PC1=58W, 5000K, Refractive Lens, 120V PC, Carbon Bronze         | XTOR8BRL-PC1=81W, 5000K, Refractive Lens, 120V PC, Carbon Bronze         |
| XTOR6BRL-WT=58W, 5000K, Refractive Lens, Summit White                    | XTOR8BRL-WT=81W, 5000K, Refractive Lens, Summit White                    |
| XTOR6BRL-W=58W, 4000K, Refractive Lens, Carbon Bronze                    | XTOR8BRL-PC2=81W, 5000K, Refractive Lens, 208-277V PC, Carbon Bronze     |
| XTOR6BRL-PMA=58W, 5000K, Refractive Lens, Pole Mount Arm, Carbon Bronze  | XTOR8BRL-PMA=81W, 5000K, Refractive Lens, Pole Mount Arm, Carbon Bronze  |
| XTOR6BRL-W-PMA=58W,4000K, Refractive Lens, Pole Mount Arm, Carbon Bronze | XTOR8BRL-W=81W, 4000K, Refractive Lens, Carbon Bronze                    |
| XTOR6BRL-PC2=58W, 5000K, Refractive Lens, 208-277V PC, Carbon Bronze     | XTOR8BRL-W-PC1=81W, 4000K, Refractive Lens, 120V PC, Carbon Bronze       |
| XTOR6BRL-W-PC2=58W, 4000K, Refractive Lens, 208-277V PC, Carbon Bronze   | XTOR8BRL-W-PC2=81W, 4000K, Refractive Lens, 208-277V PC, Carbon Bronze   |
| XTOR6BRL-W-PC1=58W, 4000K, Refractive Lens, 120V PC, Carbon Bronze       | XTOR8BRL-W-PMA=81W,4000K, Refractive Lens, Pole Mount Arm, Carbon Bronze |



**Eaton**  
 1121 Highway 74 South  
 Peachtree City, GA 30269  
 P. 770-486-4800  
 www.eaton.com/lighting

Specifications and dimensions subject to change without notice.

# Lumark

## DESCRIPTION

The patented Lumark Crosstour™ MAXX LED wall pack series of luminaires provides low-profile architectural style with super bright, energy-efficient LEDs. The rugged die-cast aluminum construction, back box with secure lock hinges, stainless steel hardware along with a sealed and gasketed optical compartment make Crosstour impervious to contaminants. The Crosstour MAXX wall luminaire is ideal for wall/surface, inverted mount for facade/canopy illumination, perimeter and site lighting. Typical applications include pedestrian walkways, building entrances, multi-use facilities, industrial facilities, perimeter parking areas, storage facilities, institutions, schools and loading docks.

|                    |  |             |  |
|--------------------|--|-------------|--|
| <b>Catalog #</b>   |  | <b>Type</b> |  |
| <b>Project</b>     |  |             |  |
| <b>Comments</b>    |  | <b>Date</b> |  |
| <b>Prepared by</b> |  |             |  |

## SPECIFICATION FEATURES

### Construction

Low-profile LED design with rugged one-piece, die-cast aluminum back box and hinged removable door. Matching housing styles incorporate both a full cutoff and refractive lens design. Full cutoff and refractive lens models are available in 58W and 81W. Patent pending secure lock hinge feature allows for safe and easy tool-less electrical connections with the supplied push-in connectors. Back box includes four 1/2" NPT threaded conduit entry points. The back box is secured by four lag bolts (supplied by others). External fin design extracts heat from the fixture surface. One-piece silicone gasket seals door and back box. Not recommended for car wash applications.

### Optical

Silicone sealed optical LED chamber incorporates a custom engineered reflector providing high-efficiency illumination. Full cutoff models integrate an impact-resistant molded refractive prism optical lens assembly meeting requirements for Dark Sky compliance. Refractive lens models incorporate a molded lens assembly designed for maximum forward throw. Solid state LED Crosstour MAXX luminaires are

thermally optimized with eight lumen packages in cool 5000K or neutral 4000K (58W, 81W models) LED color temperature (CCT).

### Electrical

LED driver is mounted to the die-cast aluminum housing for optimal heat sinking. LED thermal management system incorporates both conduction and natural convection to transfer heat rapidly away from the LED source. 58W and 81W models operate in -40°C to 40°C [-40°F to 104°F]. High ambient 50°C [122°F] models available in 58W and 81W models only. Crosstour MAXX luminaires maintain greater than 89% of initial light output after 72,000 hours of operation. Four half-inch NPT threaded conduit entry points allow for thru-branch wiring. Back box is an authorized electrical wiring compartment. Integral LED electronic driver incorporates surge protection. 120-277V 50/60Hz, 480V 60Hz, or 347V 60Hz electrical operation. 480V is compatible for use with 480V Wye systems only.

### Emergency Egress

Optional integral cold weather battery emergency egress includes emergency operation test switch (available in 58W and 81W models only), an AC-ON indicator light and

a premium extended rated sealed maintenance-free nickel-metal hydride battery pack. The separate emergency lighting LEDs are wired to provide redundant emergency lighting. Listed to UL Standard 924, Emergency Lighting.

### Area and Site Pole Mounting

Optional extruded aluminum 6-1/2" arm features internal bolt guides for supplied twin support rods, allowing for easy positioning of the fixture during installation to pole. Supplied with round plate adapter plate. Optional tenon adapter fits 2-3/8" or 3-1/2" O.D. Tenon.

### Finish

Crosstour MAXX is protected with a super TGIC carbon bronze or summit white polyester powder coat paint. Super TGIC powder coat paint finishes withstand extreme climate conditions while providing optimal color and gloss retention of the installed life.

### Warranty

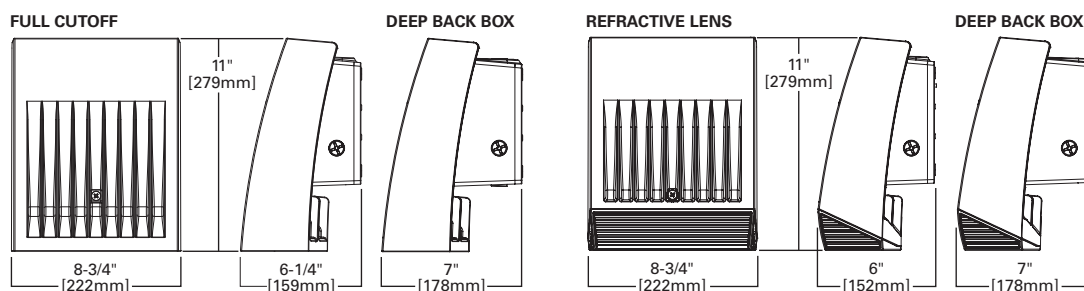
Five-year warranty.



## XTOR CROSSTOUR MAXX LED

**APPLICATIONS:**  
WALL / SURFACE  
INVERTED  
SITE LIGHTING

## DIMENSIONS



### CERTIFICATION DATA

UL/cUL Wet Location Listed  
LM79 / LM80 Compliant  
ROHS Compliant  
NOM Compliant Models  
3G Vibration Tested  
UL924 Listed (CBP Models)  
IP66 Rated

### TECHNICAL DATA

40°C Ambient Temperature  
External Supply Wiring 90°C Minimum

### EPA

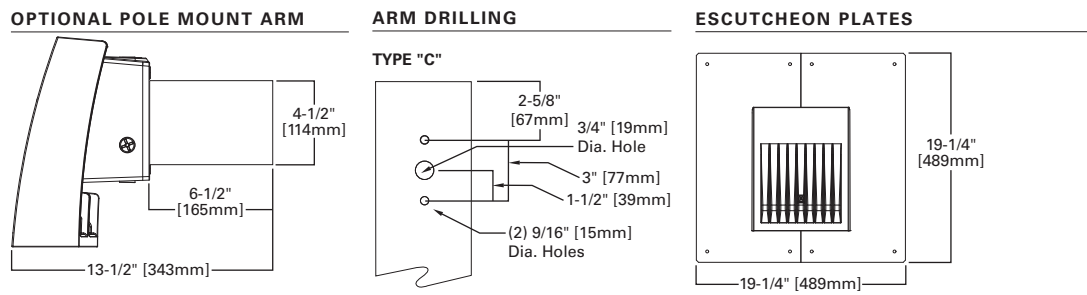
Effective Projected Area (Sq. Ft.):  
XTOR6B, XTOR8B=0.54  
With Pole Mount Arm=0.98

### SHIPPING DATA:

Approximate Net Weight:  
12-15 lbs. [5.4-6.8 kgs.]

**XTOR CROSSTOUR MAXX LED**

**DIMENSIONS**



**POWER AND LUMENS BY FIXTURE MODEL**

| 58W Series                  |   |          |   |            |
|-----------------------------|---|----------|---|------------|
| LED Information             | XTOR6B  | XTOR6BRL | XTOR6B-W  | XTOR6BRL-W |
| Delivered Lumens            | 6,129   | 6,225    | 6,038   | 6,133      |
| B.U.G. Rating               | B1-U0-G1                                      | B2-U4-G3 | B1-U0-G1  | B2-U4-G3   |
| CCT (Kelvin)                | 5000K   | 5000K    | 4000K   | 4000K      |
| CRI (Color Rendering Index) | 70  | 70       | 70  | 70         |
| Power Consumption (Watts)   | 58W   | 58W      | 58W   | 58W        |
| 81W Series                  |   |          |   |            |
| LED Information             | XTOR8B  | XTOR8BRL | XTOR8B-W  | XTOR8BRL-W |
| Delivered Lumens            | 8,502   | 8,635    | 8,373   | 8,504      |
| B.U.G. Rating               | B2-U0-G1                                      | B2-U4-G3 | B2-U0-G1  | B2-U4-G3   |
| CCT (Kelvin)                | 5000K   | 5000K    | 4000K   | 4000K      |
| CRI (Color Rendering Index) | 70  | 70       | 70  | 70         |
| Power Consumption (Watts)   | 81W   | 81W      | 81W   | 81W        |
| EGRESS Information          | XTOR6B, and XTOR8B Full Cutoff CBP Egress LED |          | XTOR6B, and XTOR8B Refractive Lens CBP Egress LED |            |
| Delivered Lumens            | 509   |          | 468   |            |
| B.U.G. Rating               | N.A.  |          | N.A.  |            |
| CCT (Kelvin)                | 4000K   |          | 4000K   |            |
| CRI (Color Rendering Index) | 65  |          | 65  |            |
| Power Consumption (Watts)   | 1.8W  |          | 1.8W  |            |

**LUMEN MAINTENANCE**

| Ambient Temperature | TM-21 Lumen Maintenance (72,000 Hours) | Theoretical L70 (Hours) |
|---------------------|--|-------------------------|
| <b>XTOR6B Model</b> |  |                         |
| 25°C                | > 90%                                  | 246,000                 |
| 40°C                | > 88%                                  | 217,000                 |
| 50°C                | > 88%                                  | 201,000                 |
| <b>XTOR8B Model</b> |  |                         |
| 25°C                | > 89%                                  | 219,000                 |
| 40°C                | > 87%                                  | 195,000                 |
| 50°C                | > 86%                                  | 181,000                 |

**CURRENT DRAW**

| Voltage | Model Series |        |                              |                              |
|---------|--------------|--------|------------------------------|------------------------------|
|         | XTOR6B       | XTOR8B | XTOR6B-CBP (Fixture/Battery) | XTOR8B-CBP (Fixture/Battery) |
| 120V    | 0.51         | 0.71   | 0.60/0.25                    | 0.92/0.25                    |
| 208V    | 0.25         | 0.39   | --                           | --                           |
| 240V    | 0.25         | 0.35   | --                           | --                           |
| 277V    | 0.22         | 0.31   | 0.36/0.21                    | 0.50/0.21                    |
| 347V    | 0.19         | 0.25   |                              | --                           |
| 480V    | 0.14         | 0.19   |                              | --                           |



**XTOR CROSSTOUR MAXX LED**

**ORDERING INFORMATION**

Sample Number: XTOR6B-W-WT-PC1

| Series  | LED Kelvin Color  | Housing Color  | Options (Add as Suffix)  |
|---|---|--|--|
| <b>Full Cutoff</b><br>XTOR6B=58W<br>XTOR8B=81W<br><br><b>Refractive Lens</b><br>XTOR6BRL=58W<br>XTOR8BRL=81W  | [Blank]=Bright White (Standard)<br>5000K<br><br>W=Neutral, 4000K <sup>1</sup> | [Blank]=Carbon Bronze (Standard)<br>WT=Summit White<br>BK=Black<br>BZ=Bronze<br>AP=Grey<br>GM=Graphite Metallic  | 347V=347V <sup>2,3,4,5</sup><br>480V=480V <sup>2,3,4,5,6</sup><br>PC1=Photocontrol 120V <sup>7</sup><br>PC2=Photocontrol 208-277V <sup>7,8</sup><br>PMA=Pole Mount Arm (C Drilling) with Round Adapter <sup>3,9</sup><br>HA=50°C High Ambient <sup>6</sup><br>MS-L20=Motion Sensor for ON/OFF Operation <sup>2,3,10,11</sup><br>MS/DIM-L20=Motion Sensor for Dimming Operation <sup>2,3,10,11,12,13,14</sup><br>CBP=Cold Weather Battery Pack <sup>2,3,11,15</sup> |
| <b>Accessories (Order Separately)</b>   |   |  |  |
| WG-XTORMX=Crosstour MAXX Wire Guard<br>PB120V=Field Installed 120V Photocontrol<br>PB277V BUTTON PC=Field Installed 208-277V Photocontrol <sup>8</sup><br>VA1040-XX=Single Tenon Adapter for 3-1/2" O.D. Tenon <sup>16</sup><br>VA1041-XX=2@180° Tenon Adapter for 3-1/2" O.D. Tenon <sup>16</sup><br>VA1042-XX=3@120° Tenon Adapter for 3-1/2" O.D. Tenon <sup>16</sup><br>VA1043-XX=4@90° Tenon Adapter for 3-1/2" O.D. Tenon <sup>16</sup><br>VA1044-XX=2@90° Tenon Adapter for 3-1/2" O.D. Tenon <sup>16</sup><br>VA1045-XX=3@90° Tenon Adapter for 3-1/2" O.D. Tenon <sup>16</sup><br>VA1046-XX=2@120° Tenon Adapter for 3-1/2" O.D. Tenon <sup>16</sup> |   | VA1033-XX=Single Tenon Adapter for 2-3/8" O.D. Tenon <sup>16</sup><br>VA1034-XX=2@180° Tenon Adapter for 2-3/8" O.D. Tenon <sup>16</sup><br>VA1035-XX=3@120° Tenon Adapter for 2-3/8" O.D. Tenon <sup>16</sup><br>VA1036-XX=4@90° Tenon Adapter for 2-3/8" O.D. Tenon <sup>16</sup><br>VA1037-XX=2@90° Tenon Adapter for 2-3/8" O.D. Tenon <sup>16</sup><br>VA1038-XX=3@90° Tenon Adapter for 2-3/8" O.D. Tenon <sup>16</sup><br>VA1039-XX=2@120° Tenon Adapter for 2-3/8" O.D. Tenon <sup>16</sup><br>EWP/XTORMX=Escutcheon Wall Plate, Carbon Bronze<br>EWP/XTORMX-WT=Escutcheon Wall Plate, Summit White<br>FSIR-100=Wireless Configuration Tool for Occupancy Sensor <sup>14</sup> |  |

**NOTES:**

1. Available in 58W and 81W only.
2. Not available with HA option.
3. Deep back box is standard for 347V, 480V, CBP, PMA, MS-L20 and MS/DIM-L20.
4. Not available with CBP option.
5. Thru-branch wiring not available with HA option or with 347V.
6. Only for use with 480V Wye systems. Per NEC, not for use with ungrounded systems, impedance grounded systems or corner grounded systems (commonly known as Three Phase Three Wire Delta, Three Phase High Leg Delta and Three Phase Corner Grounded Delta systems).
7. Not available with MS-L20 and MS/DIM-L20 options.
8. Use PC2 with 347V or 480V option for photocontrol. Factory wired to 208-277V lead.
9. Customer is responsible for engineering analysis to confirm pole and fixture compatibility for all applications. Refer to our white paper WP513001EN for additional support information.
10. For use in downlight orientation only. Optimal coverage at mounting heights of 9'-20'.
11. 120V or 277V only.
12. Factory set to 50% power reduction after 15-minutes of inactivity. Dimming driver included.
13. Includes integral photo sensor.
14. The FSIR-100 configuration tool is required to adjust parameters including high and low modes, sensitivity, time delay, cutoff, and more. Consult your lighting representative at Eaton for more information.
15. Operating temperatures -20°C to 25°C.
16. Replace XX with housing color.

**STOCK ORDERING INFORMATION**

| 58W Series   | 81W Series   |
|--|--|
| <b>Full Cutoff</b>   |  |
| XTOR6B=58W, 5000K, Carbon Bronze   | XTOR8B=81W, 5000K, Carbon Bronze   |
| XTOR6B-PC1=58W, 5000K, 120V PC, Carbon Bronze                            | XTOR8B-PC1=81W, 5000K, 120V PC, Carbon Bronze                            |
| XTOR6B-WT= 58W, 5000K, Summit White                                      | XTOR8B-WT=81W, 5000K, Summit White                                       |
| XTOR6B-W=58W, 4000K, Carbon Bronze                                       | XTOR8B-PC2=81W, 5000K, 208-277V PC, Carbon Bronze                        |
| XTOR6B-PMA= 58W, 5000K, Pole Mount Arm, Carbon Bronze                    | XTOR8B-PMA=81W, 5000K, Pole Mount Arm, Carbon Bronze                     |
| XTOR6B-W-PMA=58W, 4000K, Pole Mount Arm, Carbon Bronze                   | XTOR8B-W=81W, 4000K, Carbon Bronze                                       |
| XTOR6B-PC2= 58W, 5000K, 208-277V PC, Carbon Bronze                       | XTOR8B-W-PC1=81W, 4000K, 120V PC, Carbon Bronze                          |
| XTOR6B-W-PC2=58W, 4000K, 208-277V PC, Carbon Bronze                      | XTOR8B-W-PC2=81W, 4000K, 208-277V PC, Carbon Bronze                      |
| XTOR6B-W-PC1=58W, 4000K, 120V PC, Carbon Bronze                          | XTOR8B-W-PMA=81W,4000K, Pole Mount Arm, Carbon Bronze                    |
| <b>Refractive Lens</b>   |  |
| XTOR6BRL=58W, 5000K, Refractive Lens, Carbon Bronze                      | XTOR8BRL=81W, 5000K, Refractive Lens, Carbon Bronze                      |
| XTOR6BRL-PC1=58W, 5000K, Refractive Lens, 120V PC, Carbon Bronze         | XTOR8BRL-PC1=81W, 5000K, Refractive Lens, 120V PC, Carbon Bronze         |
| XTOR6BRL-WT=58W, 5000K, Refractive Lens, Summit White                    | XTOR8BRL-WT=81W, 5000K, Refractive Lens, Summit White                    |
| XTOR6BRL-W=58W, 4000K, Refractive Lens, Carbon Bronze                    | XTOR8BRL-PC2=81W, 5000K, Refractive Lens, 208-277V PC, Carbon Bronze     |
| XTOR6BRL-PMA=58W, 5000K, Refractive Lens, Pole Mount Arm, Carbon Bronze  | XTOR8BRL-PMA=81W, 5000K, Refractive Lens, Pole Mount Arm, Carbon Bronze  |
| XTOR6BRL-W-PMA=58W,4000K, Refractive Lens, Pole Mount Arm, Carbon Bronze | XTOR8BRL-W=81W, 4000K, Refractive Lens, Carbon Bronze                    |
| XTOR6BRL-PC2=58W, 5000K, Refractive Lens, 208-277V PC, Carbon Bronze     | XTOR8BRL-W-PC1=81W, 4000K, Refractive Lens, 120V PC, Carbon Bronze       |
| XTOR6BRL-W-PC2=58W, 4000K, Refractive Lens, 208-277V PC, Carbon Bronze   | XTOR8BRL-W-PC2=81W, 4000K, Refractive Lens, 208-277V PC, Carbon Bronze   |
| XTOR6BRL-W-PC1=58W, 4000K, Refractive Lens, 120V PC, Carbon Bronze       | XTOR8BRL-W-PMA=81W,4000K, Refractive Lens, Pole Mount Arm, Carbon Bronze |



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 P: 770-486-4800  
 www.eaton.com/lighting

Specifications and dimensions subject to change without notice.

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4/18/2017

Light Duty Roll-Up Doors for Warehouses, Car Washes, Machine & Auto Shops | DBCI

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## 2000 Series

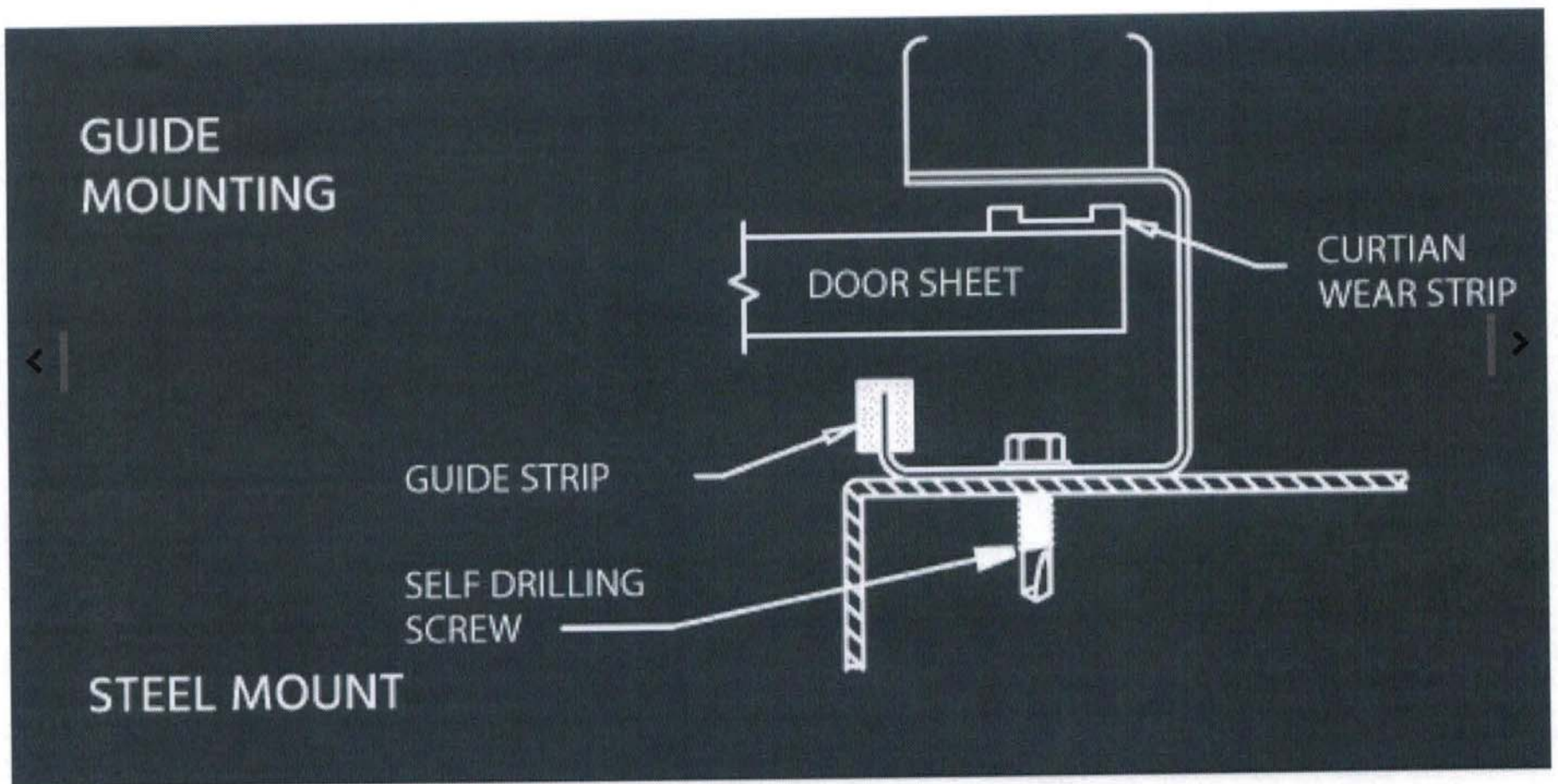
The 2000 Series is the perfect door for light-duty applications that require frequent use.

LIGHT-DUTY ROLL-UP DOORS > Roll Up Doors

Home (/) / Commercial Doors (/commercial-doors/) / Light-Duty Roll-Up Doors (/commercial-doors/light-duty/) / 2000 Series

### 2000 Series

The 2000 Series is the perfect door for light-duty applications that require frequent use.



### Product Information



These quality, low-maintenance roll-up steel doors are ideal for warehouses, car washes, machine shops, auto body shops and more.

4/18/2017

Light Duty Roll-Up Doors for Warehouses, Car Washes, Machine &amp; Auto Shops | DBCI

## Features

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### Curtain

- 26-gauge galvanized, Grade E hard steel
- 5/8" ribbed corrugation
- Maximum opening size of 12' x 18'
- Siliconized polyester WeatherXL™ paint over prime coat
- Available in 23 colors, subject to availability and varying lead times
- 30-year film integrity warranty, up to 25-year chalk and fade warranty

### Bottom Bar

- 6063-T6 aluminum extrusion
- 2" x 1 1/2" galvanized angles
- Bulb astragal
- Stainless steel nuts and bolts
- Axle-Drum Assembly
- 1 5/16" O.D. steel axle, 14-gauge
- 11-gauge axle on doors over 10' wide
- Utilizes 12", 16-gauge drums
- Shielded steel ball bearings in drums
- Full top sheet

### A.C.E. (Advanced Curtain Engagement) guide system

- 16-gauge galvanized steel
- Adjustable bolt on head stop
- Polyethylene wear strip
- Pre-punched for lock and attachment fasteners
- Hardware
- Saddle clamps with set fasteners
- 10-gauge slide locks; 2 per door
- 16-gauge step plate; 2 per door
- 1/4" steel angle T-bracket

### Opening Height Headroom

- Doors up to 10' have 20" of headroom
- Doors 10' to 14' have 22" of headroom
- Doors over 14' have 24" of headroom

### Options

- Insulation 2250 Series
- 1900 Series – low overhead option
- Chain hoist 4:1 reduction
- Vision panels (17" x 5")
- Top draft stop
- Hood
- Steel mounting plates
- Motor operated

**NOTE:** The 2000 Series is not rated for wind loads. Please see the [2500 \(/commercial-doors/heavy-duty/2500-series/\)](#), [3000 \(/commercial-doors/heavy-duty/3000-series/\)](#) or [5000 Series \(/commercial-doors/heavy-duty/5000-series/\)](#).

## Related Documents

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### Product Info

- DBCI Capabilities Brochure (/documents/brochures/dbci-capabilities-brochure/)
- Curl-Lok™ Data Sheet (/documents/brochures/curl-lok™-data-sheet/)
- Color Chart (/documents/color-charts/color-chart/)
- 2000 Series Data Sheet (/documents/brochures/2000-series-data-sheet/)
- DBCI Capabilities Brochure - Spanish (/documents/brochures/dbci-capabilities-brochure---spanish/)

### Install Instructions

### Technical Info