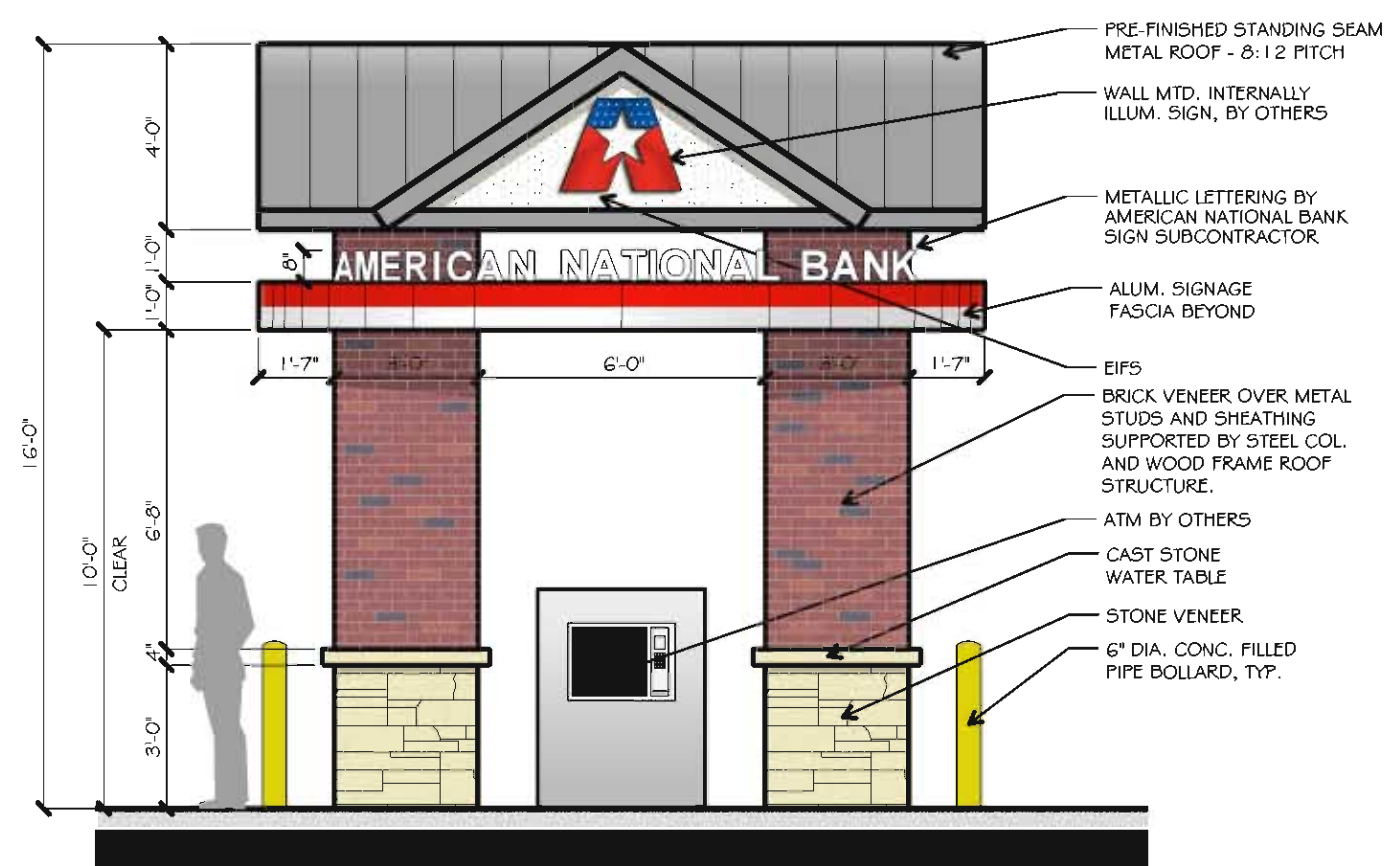


WEST ELEVATION 94.2 S.F. - TOTAL	MATERIALS				
	BRICK	STONE	EIFS	MTL ROOF	ALUM. FASCIA
SQUARE FOOTAGE	46.5	20.2	12.3	-	15.2
% OF TOTAL	49%	21%	14%	-	16%

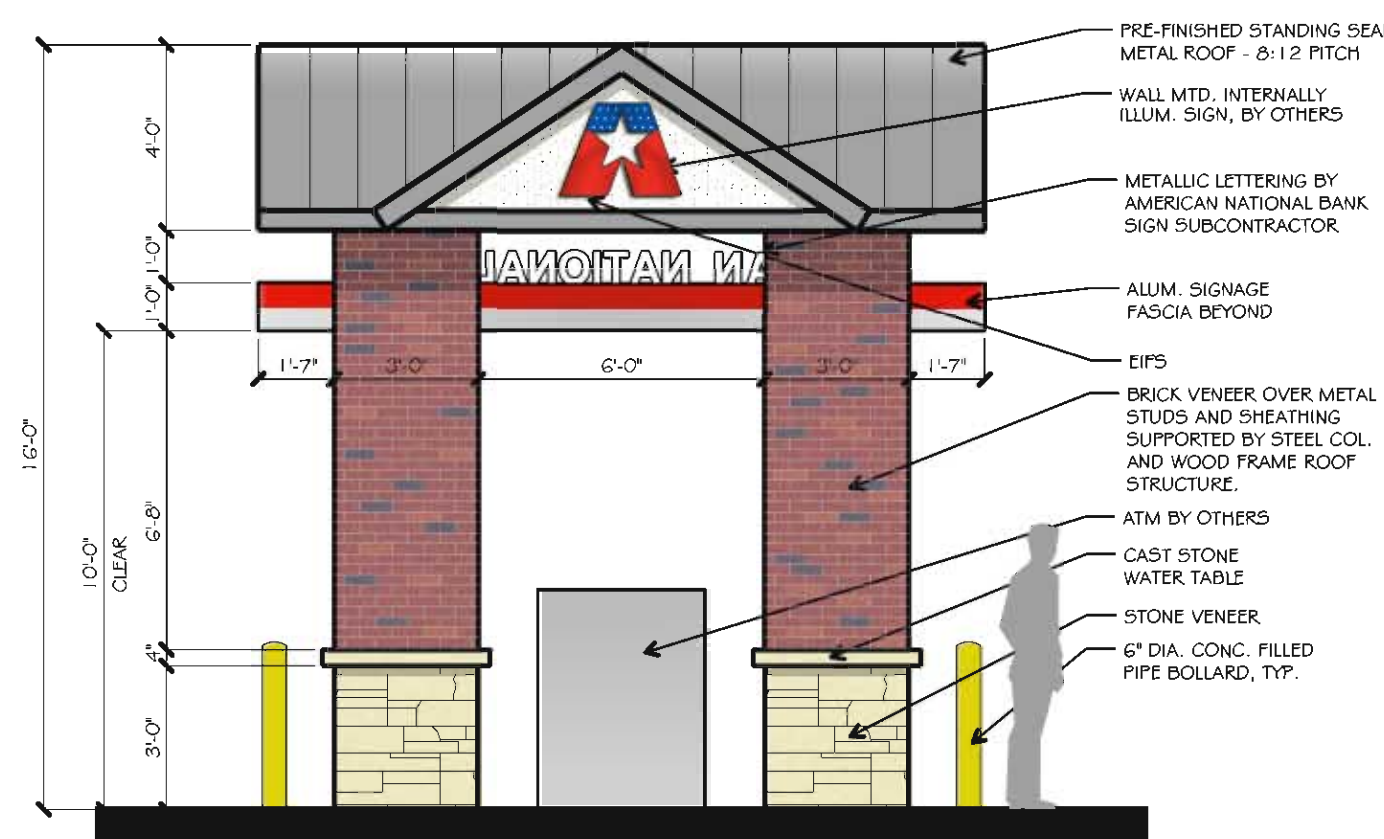
NOTE: SEE MATERIAL SCHEDULE FOR SPEC AND DESC. OF MATERIALS. SIGNAGE NOT INCLUDED IN MATERIAL AREA CALCS.



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

EAST ELEVATION 85.1 S.F. - TOTAL	MATERIALS				
	BRICK	STONE	EIFS	MTL ROOF	ALUM. FASCIA
SQUARE FOOTAGE	52.5	20.3	12.3	-	0
% OF TOTAL	62%	24%	14%	-	0

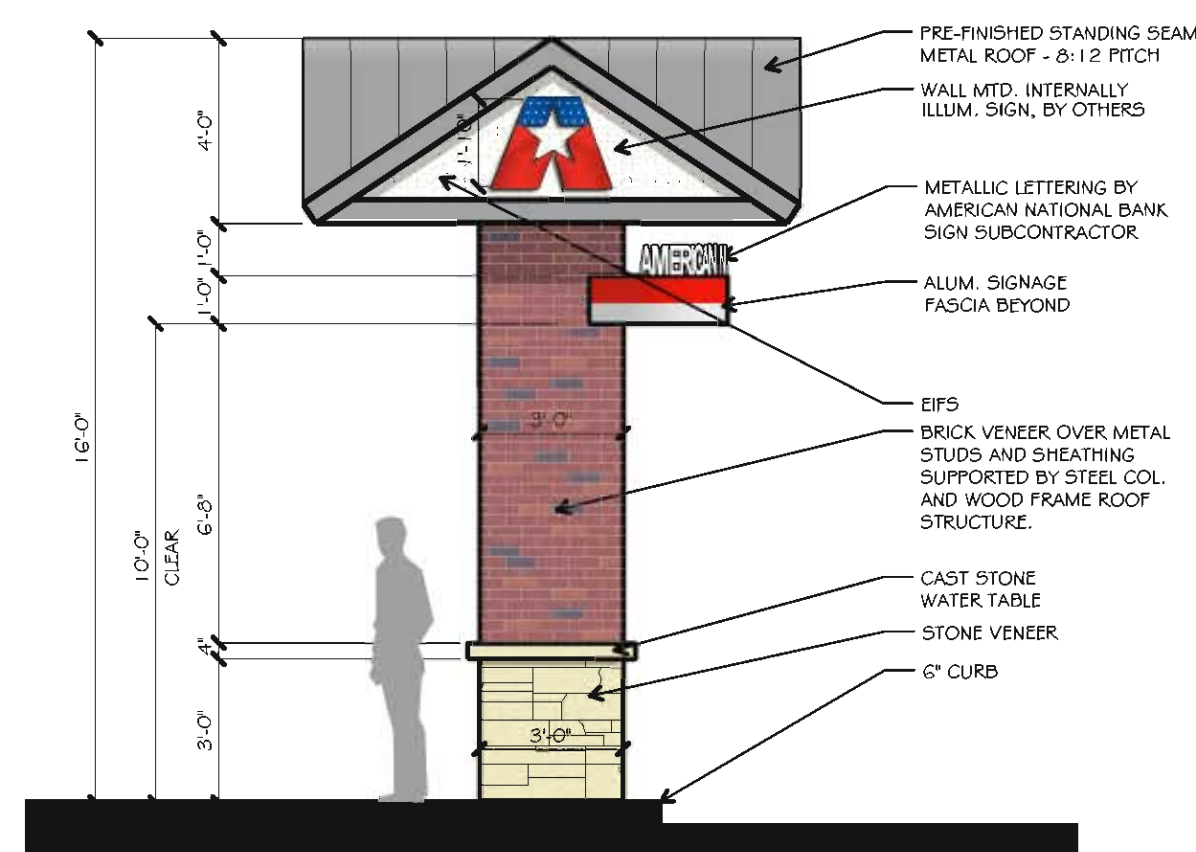
NOTE: SEE MATERIAL SCHEDULE FOR SPEC AND DESC. OF MATERIALS. SIGNAGE NOT INCLUDED IN MATERIAL AREA CALCS.



**3 EAST ELEVATION**  
SCALE: 1/4" = 1'-0"

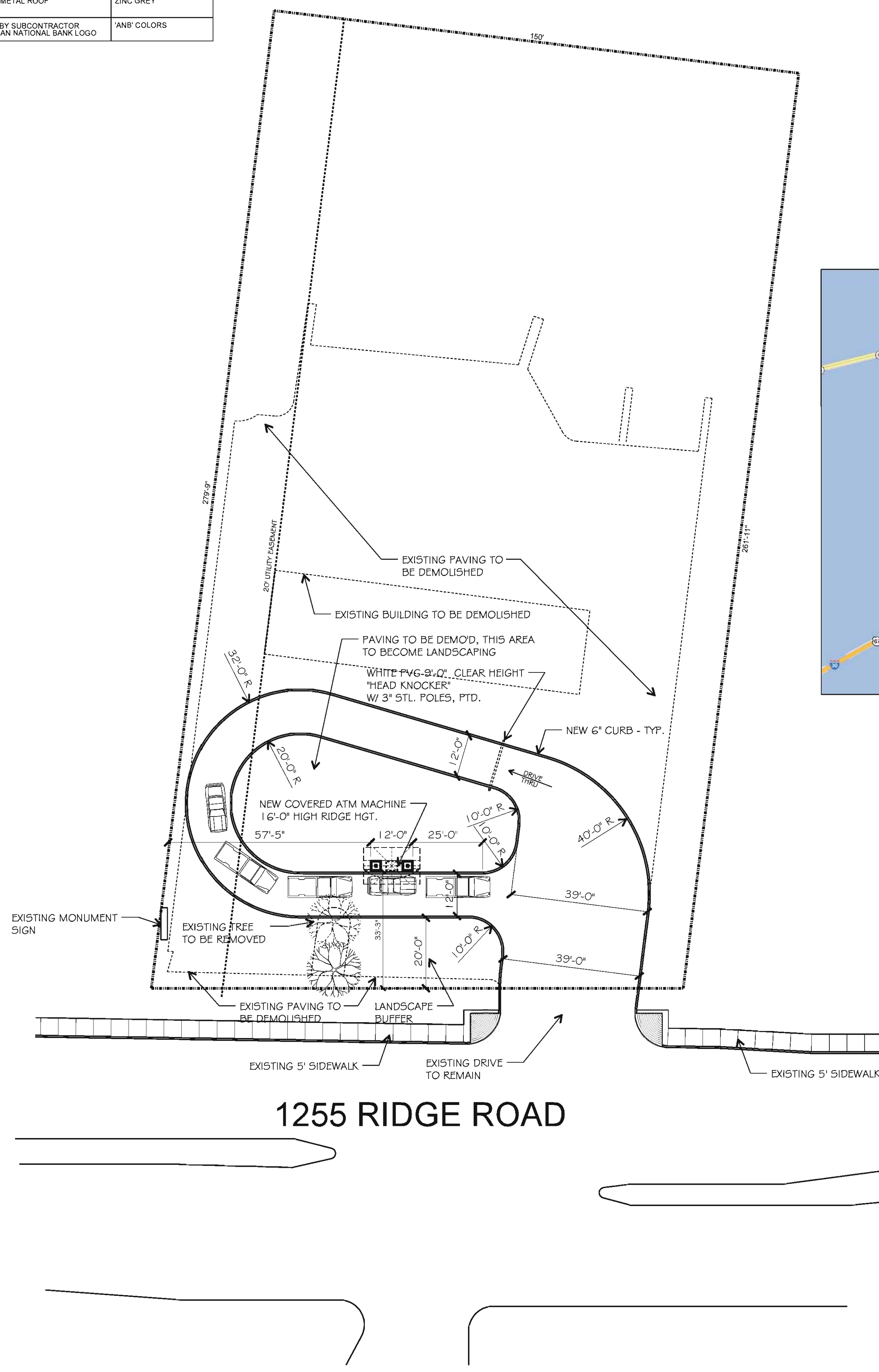
NORTH/SOUTH ELEV. 50.1 S.F. - TOTAL EA	MATERIALS				
	BRICK	STONE	EIFS	MTL ROOF	ALUM. FASCIA
SQUARE FOOTAGE	25.6	10.2	11.5	-	2.8
% OF TOTAL EA	51%	20%	23%	-	6%

NOTE: SEE MATERIAL SCHEDULE FOR SPEC AND DESC. OF MATERIALS. SIGNAGE NOT INCLUDED IN MATERIAL AREA CALCS.

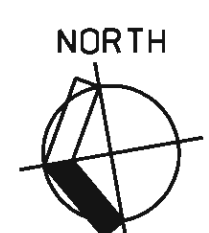


**2 NORTH/SOUTH ELEVATION**  
SCALE: 1/4" = 1'-0"

MATERIAL SCHEDULE		
MATERIAL	DESCRIPTION	COLOR
STONE	NATURAL STONE VENEER SALADO QUARY - SAWN CHOPPED	AUTUMN BLEND
BRICK	BRICK	RED / CRIMSON
EIFS	PAINTED EIFS	SUPER WHITE
PRE-FIN ALUM. (SIGN FASCIA)	PRE-FINISHED ALUMINIUM	NATURAL / BRUSHED RED
METAL ROOF	STANDING SEAM METAL ROOF	ZINC GREY
SIGNAGE	METAL SIGNAGE BY SUBCONTRACTOR - MATCH AMERICAN NATIONAL BANK LOGO	'ANB' COLORS



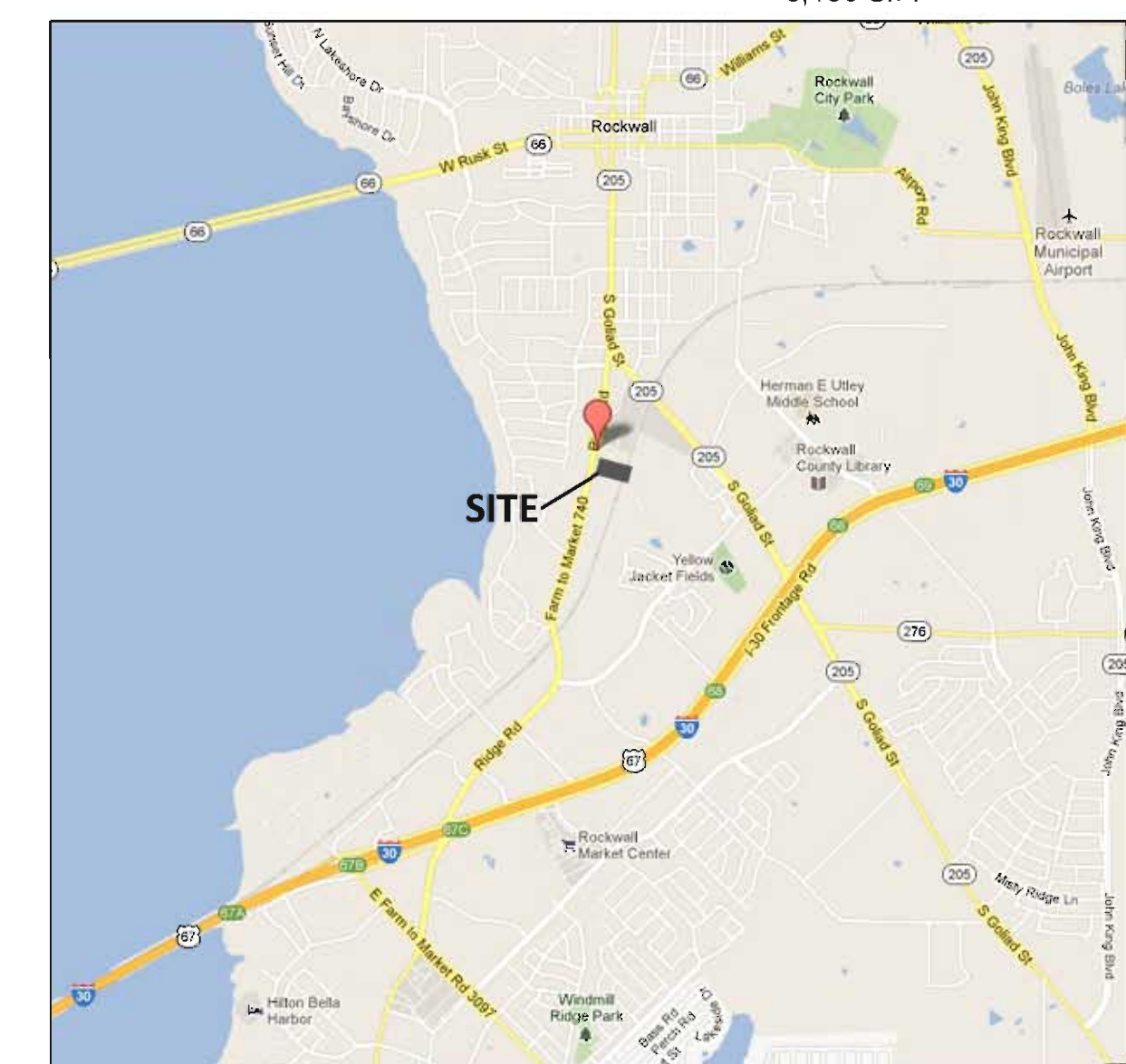
1255 RIDGE ROAD



**1 SITE PLAN**  
SCALE: 1" = 20'-0"

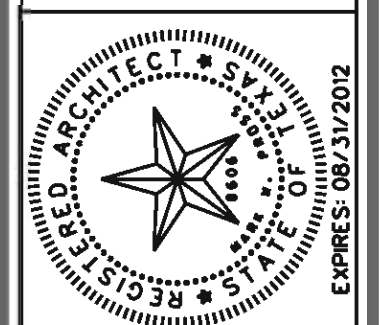
**PROJECT DATA**

SITE AREA	932 AC
	40,592 S.F.
COVERED AREA	256 S.F.
LOT COVERAGE (STRUCTURE)	63%
IMPERVIOUS VS L.S.	12.7%
	5,150 S.F.



LOCATION MAP

Drawn: DAM  
Checked: MARK W. PROSS  
Date: 07/20/2012

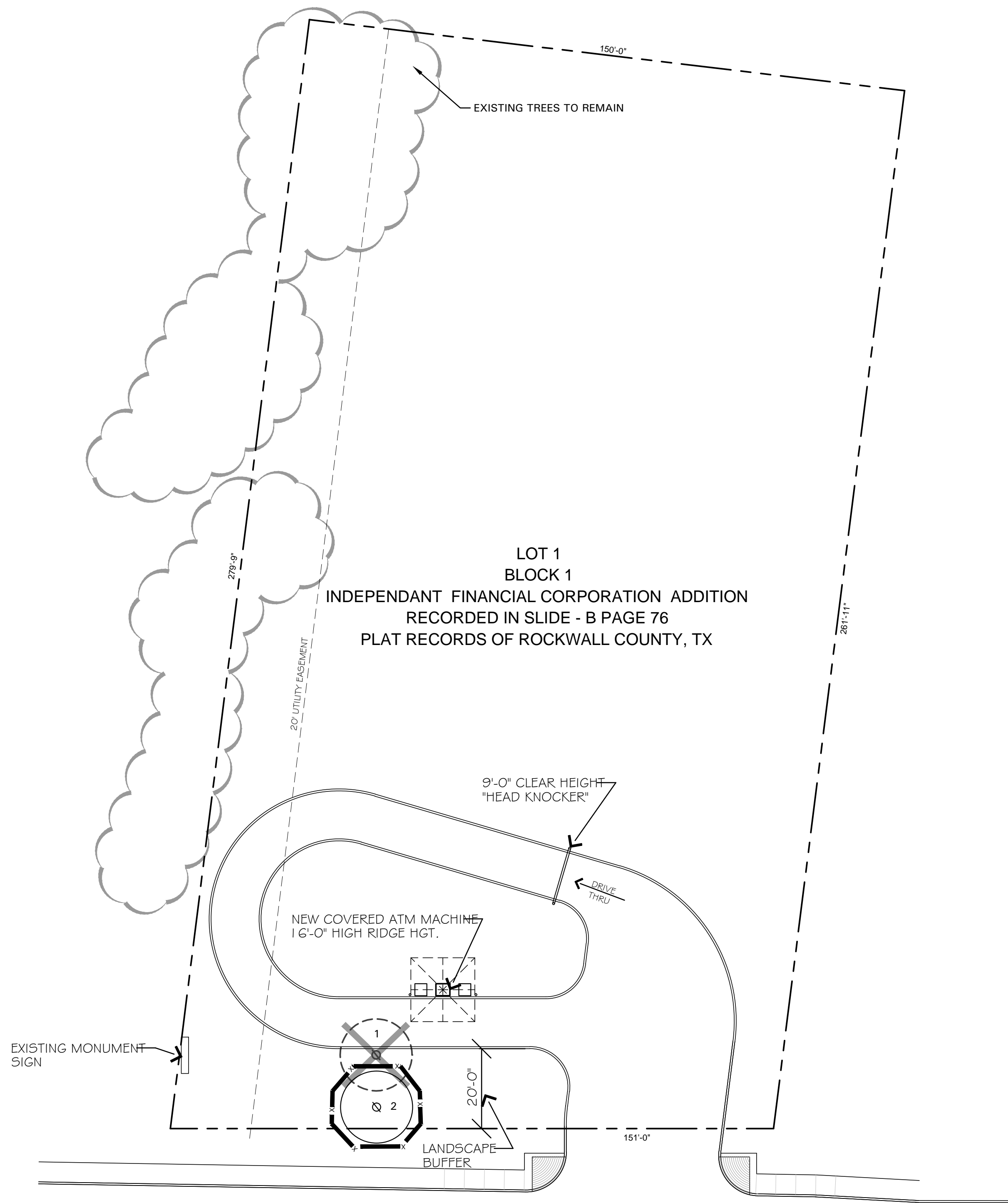


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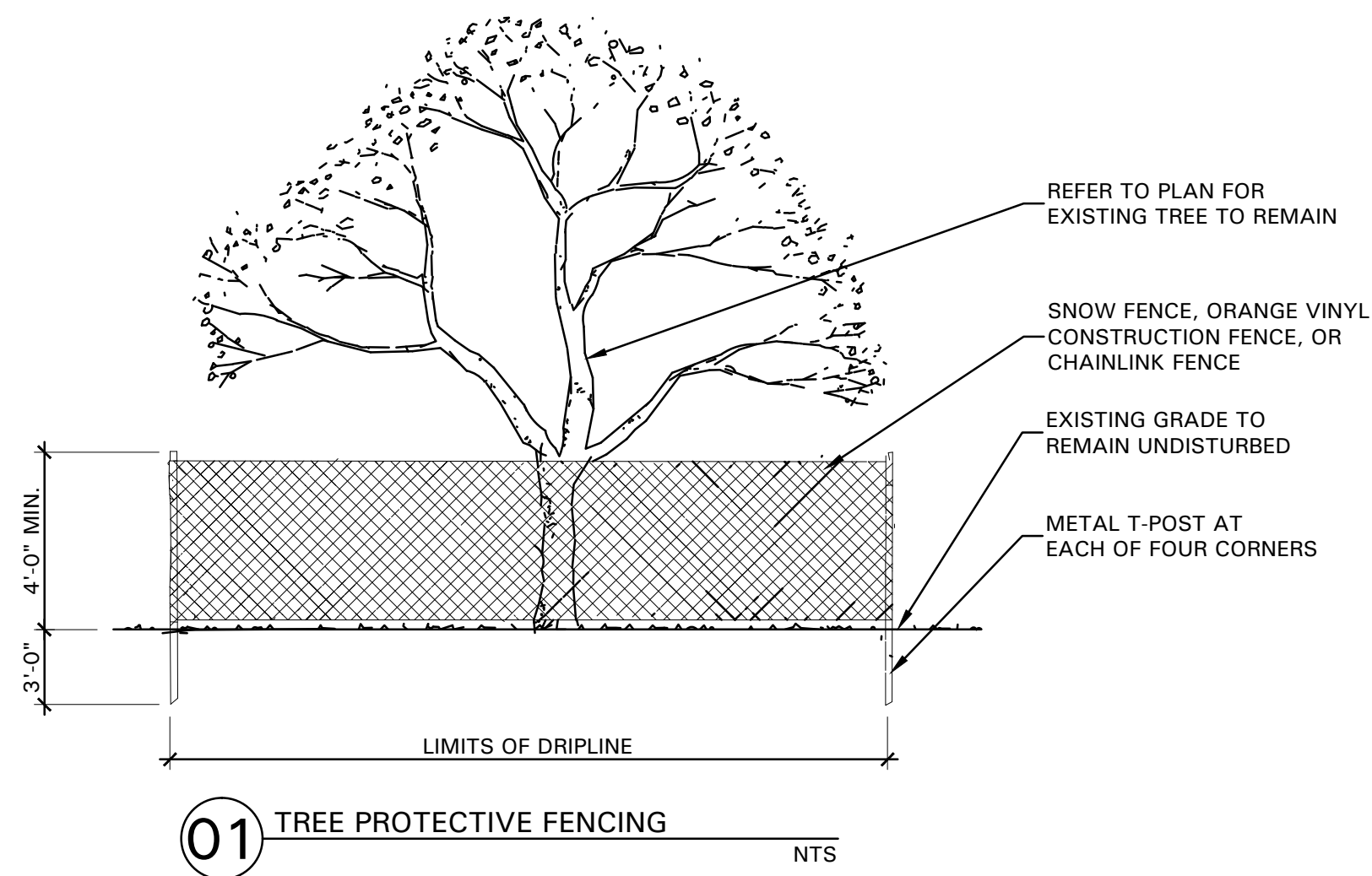
11:36:59 AM 7/23/2012 S:\1224 ANB Rockwall\Site Submission\1224A1-0.sht © 2000 THIS DOCUMENT AND THE DESIGNS CONTAINED THEREIN REMAINS THE PROPERTY OF PROSS DESIGN GROUP, INC. AS AN INSTRUMENT OF PROFESSIONAL SERVICE IT IS NOT TO BE USED IN WHOLE OR IN PART FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN PERMISSION OF PROSS DESIGN GROUP.



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1255 RIDGE ROAD

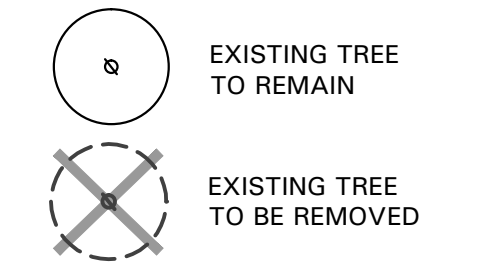


**TREE PRESERVATION NOTES**

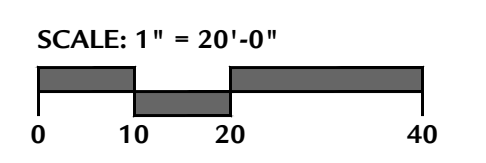
1. EXISTING TREES TO REMAIN SHALL BE PROTECTED DURING CONSTRUCTION FROM TREE STRUCTURE DAMAGE AND COMPACTION OF SOIL UNDER AND AROUND DRIP LINE (CANOPY) OF TREE.
2. IF ANY ROOT STRUCTURE IS DAMAGED DURING ADJACENT EXCAVATION / CONSTRUCTION, NOTIFY OWNER'S AUTHORIZED REPRESENTATIVE IMMEDIATELY. IT IS RECOMMENDED THAT A LICENSED ARBORIST BE SECURED FOR THE TREATMENT OF ANY POSSIBLE TREE WOUNDS.
3. NO DISTURBANCE OF THE SOIL GREATER THAN 4" SHALL BE LOCATED CLOSER TO THE TREE TRUNK THAN 1/2 THE DISTANCE OF THE DRIP LINE TO THE TREE TRUNK. A MINIMUM OF 75% OF THE DRIP LINE AND ROOT ZONE SHALL BE PRESERVED AT NATURAL GRADE.
4. ANY FINE GRADING DONE WITHIN THE CRITICAL ROOT ZONES OF THE PROTECTED TREES MUST BE DONE WITH LIGHT MACHINERY SUCH AS A BOBCAT OR LIGHT TRACTOR. NO EARTH MOVING EQUIPMENT WITH TRACKS IS ALLOWED WITHIN THE CRITICAL ROOT ZONE OF THE TREES.
5. NO MATERIALS INTENDED FOR USE IN CONSTRUCTION OR WASTE MATERIALS ACCUMULATED DUE TO EXCAVATION OR DEMOLITION SHALL BE PLACED WITHIN THE LIMITS OF THE DRIP LINE OF ANY TREE.
6. NO EQUIPMENT MAY BE CLEANED OR TOXIC SOLUTIONS, OR OTHER LIQUID CHEMICALS, SHALL BE DEPOSITED WITHIN THE LIMITS OF THE DRIP LINE OF A TREE, INCLUDING BUT NOT LIMITED TO: PAINT, OIL, SOLVENTS, ASPHALT, CONCRETE, MORTAR, PRIMERS, ETC.
7. NO SIGNS, WIRES OR OTHER ATTACHMENTS, OTHER THAN THOSE OF A PROTECTIVE NATURE, SHALL BE ATTACHED TO ANY TREE.
8. NO VEHICULAR / CONSTRUCTION EQUIPMENT TRAFFIC OR PARKING IS ALLOWED WITHIN THE LIMITS OF THE DRIP LINE OF TREES.
9. BORING OF UTILITIES MAY BE PERMITTED UNDER PROTECTED TREES IN CERTAIN CIRCUMSTANCES. THE MINIMUM LENGTH OF THE BORE SHALL BE THE WIDTH OF THE TREE'S CANOPY AND SHALL BE A MINIMUM DEPTH OF FORTY-EIGHT (48") INCHES.
10. IRRIGATION TRENCHING WHICH MUST BE DONE WITHIN THE CRITICAL ROOT ZONE OF A TREE SHALL BE DUG BY HAND AND ENTER THE AREA IN A RADIAL MANNER.
11. ALL TREES TO BE REMOVED FROM THE SITE SHALL BE FLAGGED BY THE CONTRACTOR WITH BRIGHT RED VINYL TAPE (3" WIDTH) WRAPPED AROUND THE MAIN TRUNK AT A HEIGHT OF FOUR (4') FEET ABOVE GRADE. FLAGGING SHALL BE APPROVED BY OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO ANY TREE REMOVAL. CONTRACTOR SHALL CONTACT OWNER'S AUTHORIZED REPRESENTATIVE WITH 72 HOURS NOTICE TO SCHEDULE ON-SITE MEETING.
12. ALL TREES TO REMAIN, AS NOTED ON DRAWINGS, SHALL HAVE PROTECTIVE FENCING LOCATED AT THE TREE'S DRIP LINE. THE PROTECTIVE FENCING MAY BE COMPRISED OF SNOW FENCING, ORANGE VINYL CONSTRUCTION FENCING, CHAIN LINK FENCE OR OTHER SIMILAR FENCING WITH A FOUR (4') FOOT APPROXIMATE HEIGHT. THE PROTECTIVE FENCING SHALL BE LOCATED AS INDICATED ON THE TREE PROTECTION DETAIL.
13. WHEN A LOW HANGING LIMB IS BROKEN DURING THE COURSE OF CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE OWNER'S AUTHORIZED REPRESENTATIVE IMMEDIATELY. UNDER NO CIRCUMSTANCE SHALL THE CONTRACTOR PRUNE ANY PORTION OF THE DAMAGED TREE WITHOUT THE PRIOR APPROVAL BY THE OWNER'S AUTHORIZED REPRESENTATIVE.

TREE SURVEY FIELD DATA				
No.	Dia. (inches)	Species (common name)	Status	Remarks
1	10	Live Oak	TO BE REMOVED	
2	16	Live Oak	TO REMAIN	
Total Caliper Inches on Site				26
Total Caliper Inches Removed				10
Total Mitigation Inches Provided				12

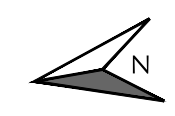
**EXISTING TREE LEGEND**



**TREE PRESERVATION PLAN**



**PROPERTY OWNER**  
 SHARON LEE  
 AMERICAN NATIONAL BANK  
 1305 RIDGE ROAD  
 ROCKWALL, TEXAS 75087



drawn: CLS  
 checked: KAH  
 date: 07/18/2012

**pross design group, incorporated**  
 8510 Harvest Hill Road, Suite 1601, Dallas, Texas 75226, 972/778-1400

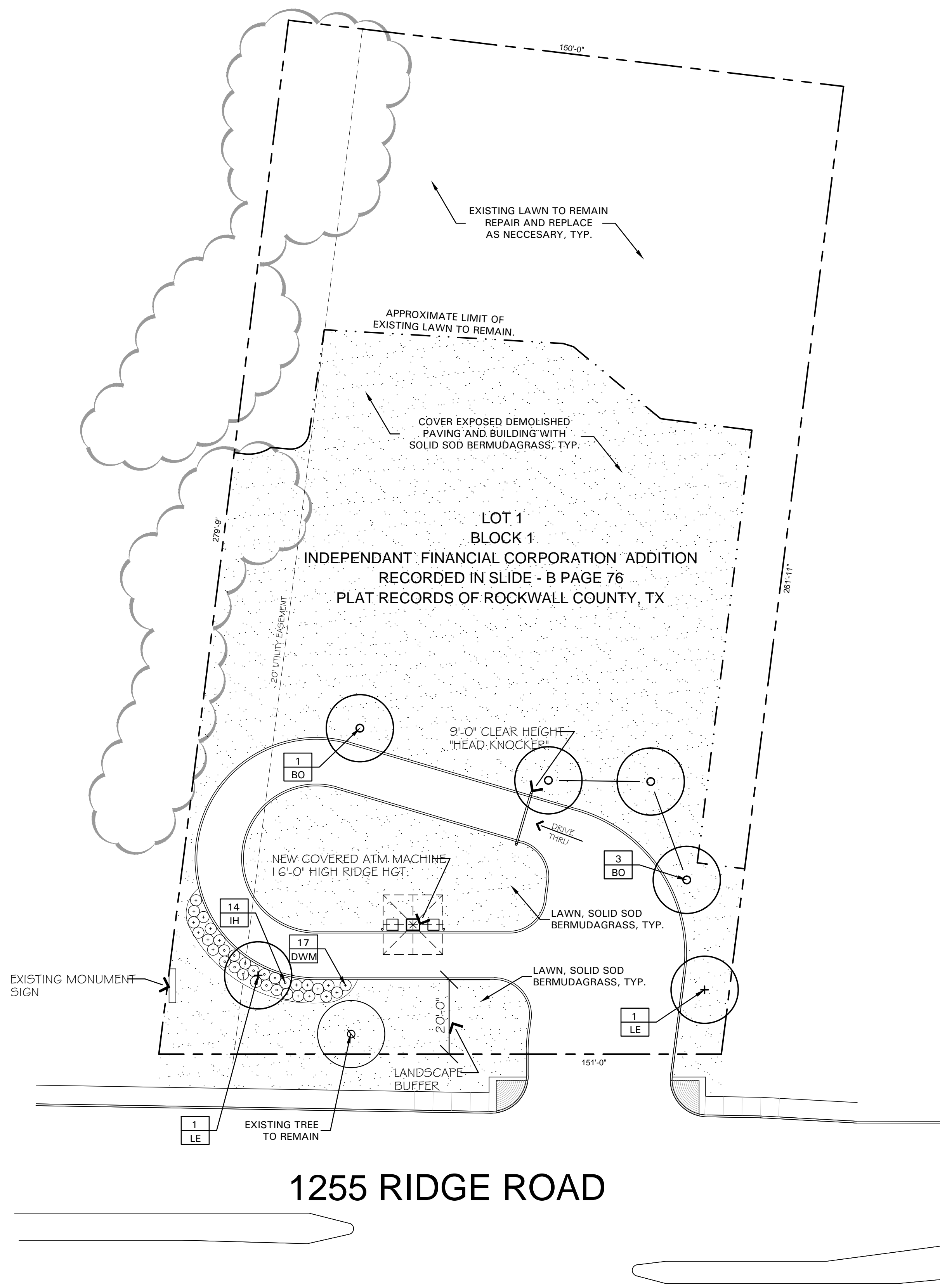
**THE AMERICAN NATIONAL BANK OF TEXAS**  
**EXPRESS ATM**

1255 N. Ridge Road  
 ROCKWALL, TEXAS 75087

job no 1224  
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1255 RIDGE ROAD

**LANDSCAPE NOTES**

1. CONTRACTOR SHALL VERIFY ALL EXISTING AND PROPOSED SITE ELEMENTS AND NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES. SURVEY DATA OF EXISTING CONDITIONS WAS SUPPLIED BY OTHERS.
2. CONTRACTOR SHALL LOCATE ALL EXISTING UNDERGROUND UTILITIES AND NOTIFY LANDSCAPE ARCHITECT OF ANY CONFLICTS. CONTRACTOR SHALL EXERCISE CAUTION WHEN WORKING IN THE VICINITY OF UNDERGROUND UTILITIES.
3. CONTRACTOR SHALL PROVIDE A MINIMUM 2% SLOPE AWAY FROM ALL STRUCTURES.
4. 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. ALL PLANTING BEDS AND LAWN AREAS SHALL BE SEPARATED BY STEEL EDGING. NO STEEL EDGING SHALL BE INSTALLED ADJACENT TO BUILDINGS, WALKS, OR CURBS. CUT STEEL EDGING AT 45 DEGREE ANGLE WHERE IT INTERSECTS WALKS AND CURBS.
6. TOP OF MULCH SHALL BE 1/2" MINIMUM BELOW THE TOP OF WALKS AND CURBS.
7. ALL LAWN AREAS SHALL BE SOLID SOD BERMUDAGRASS, UNLESS OTHERWISE NOTED ON THE DRAWINGS.
8. ALL REQUIRED LANDSCAPE AREAS SHALL BE PROVIDED WITH AN AUTOMATIC UNDERGROUND IRRIGATION SYSTEM WITH RAIN AND FREEZE SENSORS AND EVAPOTRANSPIRATION (ET) WEATHER-BASED CONTROLLERS AND SAID IRRIGATION SYSTEM SHALL BE DESIGNED BY A QUALIFIED PROFESSIONAL AND INSTALLED BY A LICENSED IRRIGATOR.
9. CONTRACTOR SHALL PROVIDE BID PROPOSAL LISTING UNIT PRICES FOR ALL MATERIAL PROVIDED.
10. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED LANDSCAPE AND IRRIGATION PERMITS.

**MAINTENANCE NOTES**

1. THE OWNER, TENANT AND THEIR AGENT, IF ANY, SHALL BE JOINTLY AND SEVERALLY RESPONSIBLE FOR THE MAINTENANCE OF ALL LANDSCAPE.
2. ALL LANDSCAPE SHALL BE MAINTAINED IN A NEAT AND ORDERLY MANNER AT ALL TIMES. THIS SHALL INCLUDE MOWING, EDGING, PRUNING, FERTILIZING, WATERING, WEEDING AND OTHER SUCH ACTIVITIES COMMON TO LANDSCAPE MAINTENANCE.
3. ALL LANDSCAPE AREAS SHALL BE KEPT FREE OF TRASH, LITTER, WEEDS AND OTHER SUCH MATERIAL OR PLANTS NOT PART OF THIS PLAN.
4. ALL PLANT MATERIAL SHALL BE MAINTAINED IN A HEALTHY AND GROWING CONDITION AS IS APPROPRIATE FOR THE SEASON OF THE YEAR.
5. ALL PLANT MATERIAL WHICH DIES SHALL BE REPLACED WITH PLANT MATERIAL OF EQUAL OR BETTER VALUE.
6. CONTRACTOR SHALL PROVIDE SEPARATE BID PROPOSAL FOR ONE YEAR'S MAINTENANCE TO BEGIN AFTER FINAL ACCEPTANCE.

**PLANT LIST**

SYMBOL	BOTANICAL NAME	COMMON NAME	QTY.	SIZE	REMARKS
<b>TREES</b>					
BO	<i>Quercus macrocarpa</i>	Bur Oak	4	3" cal.	container grown, 12' ht., 4' spread, 4' branching ht., matching
LE	<i>Ulmus parvifolia 'Sempervirens'</i>	Lacebark Elm	2	3" cal.	container grown, 12' ht., 4' spread, 4' branching ht., matching
<b>SHRUBS/GROUNDCOVER</b>					
DWM	<i>Myrica pusilla</i>	Dwarf Wax Myrtle	17	5 gal.	container full, 24" spread, 36" o.c.
IH	<i>Raphiolepis indica 'Pinkie'</i>	Indian Hawthorne 'Pinkie'	14	5 gal.	container full, 20" spread, 24" o.c.

NOTE: ALL TREES SHALL HAVE STRAIGHT TRUNKS AND BE MATCHING WITHIN VARIETIES.  
 PLANT LIST IS AN AID TO BIDDERS ONLY. CONTRACTOR SHALL VERIFY ALL QUANTITIES ON PLAN.  
 ALL HEIGHTS AND SPREADS ARE MINIMUMS. ALL PLANT MATERIAL SHALL MEET OR EXCEED REMARKS AS INDICATED.

**GENERAL LAWN NOTES**

1. CONTRACTOR SHALL COORDINATE OPERATIONS AND AVAILABILITY OF EXISTING TOPSOIL WITH ON-SITE CONSTRUCTION MANAGER.
2. CONTRACTOR SHALL LEAVE LAWN AREAS 1" BELOW FINAL FINISHED GRADE PRIOR TO TOPSOIL INSTALLATION.
3. CONTRACTOR SHALL FINE GRADE AREAS TO ACHIEVE FINAL CONTOURS AS INDICATED ON CIVIL PLANS. ADJUST CONTOURS TO ACHIEVE POSITIVE DRAINAGE AWAY FROM BUILDINGS. PROVIDE UNIFORM ROUNDING AT TOP AND BOTTOM OF SLOPES AND OTHER BREAKS IN GRADE. CORRECT IRREGULARITIES AND AREAS WHERE WATER MAY STAND.
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" DIAMETER AND LARGER, DIRT CLODS, STICKS, CONCRETE SPOILS, ETC. PRIOR TO PLACING TOPSOIL AND LAWN INSTALLATION.
6. CONTRACTOR SHALL MAINTAIN ALL LAWN AREAS UNTIL FINAL ACCEPTANCE. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO: MOWING, WATERING, WEEDING, CULTIVATING, CLEANING AND REPLACING DEAD OR BARE AREAS TO KEEP PLANTS IN A VIGOROUS, HEALTHY CONDITION.
7. CONTRACTOR SHALL GUARANTEE ESTABLISHMENT OF ACCEPTABLE TURF AREA AND SHALL PROVIDE REPLACEMENT FROM LOCAL SUPPLY IF NECESSARY.

**SOLID SOD NOTES**

1. PLANT SOD BY HAND TO COVER INDICATED AREAS COMPLETELY. ENSURE EDGES OF SOD ARE TOUCHING. TOP DRESS JOINTS BY HAND WITH TOPSOIL TO FILL VOIDS.
2. ROLL GRASS AREAS TO ACHIEVE A SMOOTH, EVEN SURFACE, FREE FROM UNNATURAL UNDULATIONS.
3. WATER SOD THOROUGHLY AS SOD OPERATION PROGRESSES.
4. IF INSTALLATION OCCURS BETWEEN SEPTEMBER 1 AND MARCH 1, OVER-SEED BERMUDAGRASS SOD WITH WINTER RYEGRASS, AT A RATE OF FOUR (4) POUNDS PER ONE THOUSAND (1000) SQUARE FEET.

**LANDSCAPE TABULATIONS**  
 THE CITY OF ROCKWALL, TEXAS

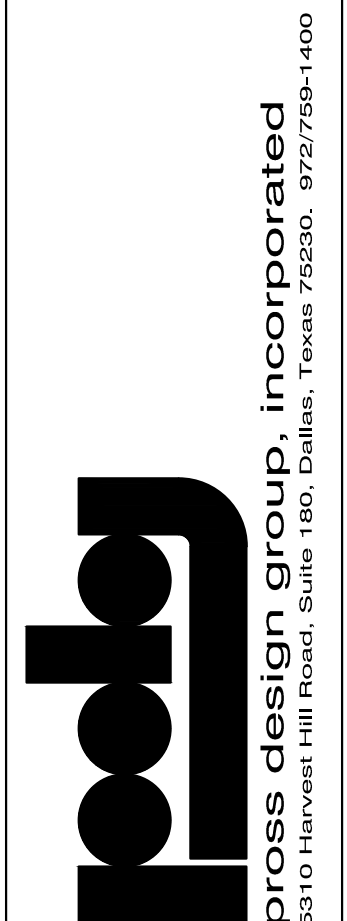
**STREET LANDSCAPING**

1. 10' wide landscape buffer with one tree per 50 l.f.	Ridge Road - 151 l.f.	Required	Provided
		(3) trees, 3" cal.	(1) existing tree, 16" cal. (2) trees, 3" cal.

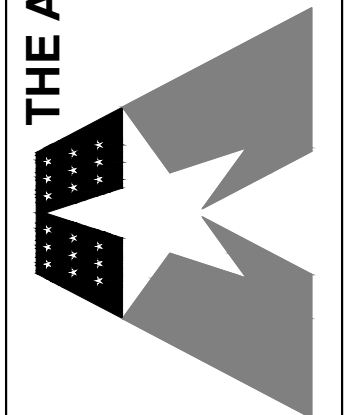
**SITE LANDSCAPING**

1. 15% of the total site shall be landscaped for COMMERCIAL.			
2. 50% of the total requirements shall be located in the front of and along side buildings for COMMERCIAL.			
Total site = 0.93 AC; 40,592 s.f.			
	Required	Provided	
	6,089 s.f. (15%)	33,116 s.f. (81.5%)	
	3,044 s.f. (50%)	5,126 s.f. (84%)	

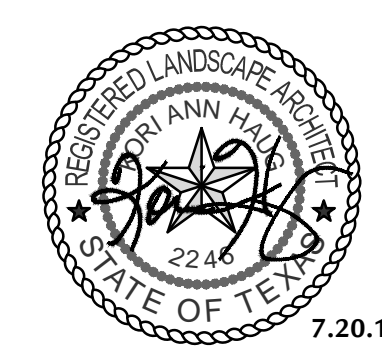
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checked: KAH  
date: 07/18/2012



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1224  
sheet  
L1.02



**PROPERTY OWNER**  
 SHARON LEE  
 AMERICAN NATIONAL BANK  
 1305 RIDGE ROAD  
 ROCKWALL, TEXAS 75087



**LANDSCAPE PLAN**  
 SCALE: 1" = 20'-0"  
 0 10 20 40

*Belle Firma*  
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 Dallas, Texas 75218  
 214.708.5274  
 www.bellefirma.com



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**SECTION 32 9300 - LANDSCAPE**

**PART 1 - GENERAL**

**1.1 REFERENCED DOCUMENTS**

- A. Refer to Landscape Plans, notes, details, bidding requirements, special provisions, and schedules for additional requirements.

**1.2 DESCRIPTION OF WORK**

- A. Work included: Furnish all supervision, labor, materials, services, equipment and appliances required to complete the work covered in conjunction with the landscaping covered in these specifications and landscaping plans, including:
  - 1. Planting (trees, shrubs and grasses)
  - 2. Bed preparation and fertilization
  - 3. Notification of sources
  - 4. Water and maintenance until final acceptance
  - 5. Guarantee

**1.3 REFERENCE STANDARDS**

- A. American Standard for Nursery Stock published by American Association of Nurserymen: 27 October 1980, Edition; by American National Standards Institute, Inc. (Z60.1) - plant material
- B. American Joint Committee on Horticultural Nomenclature: 1942 Edition of Standardized Plant Names.
- C. Texas Association of Nurserymen, Grades and Standards
- D. Hortis Third, 1976 - Cornell University

**1.4 NOTIFICATION OF SOURCES AND SUBMITTALS**

- A. Samples: Provide representative quantities of sandy loam soil, mulch, bed mix material, gravel and crushed stone. Samples shall be approved by Owner's Authorized Representative before use on the project.

**1.5 JOB CONDITIONS**

- A. General Contractor to complete the following punch list: Prior to Landscape Contractor initiating any portion of landscape installation, General Contractor shall leave planting bed areas three (3") inches below final finish grade of sidewalks, drives and curbs as shown on the drawings. All lawn areas to receive solid sod shall be left one (1") inch below the final finish grade of sidewalks, drives and curbs. All construction debris shall be removed prior to Landscape Contractor beginning any work.
- B. 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.

**1.6 MAINTENANCE AND GUARANTEE**

- A. Maintenance:
  - 1. The Landscape Contractor shall be held responsible for the maintenance of all work from the time of planting until final acceptance by the Owner. No trees, shrubs, groundcover or grass will be accepted unless they show healthy growth and satisfactory foliage conditions.
  - 2. Maintenance shall include watering of trees and plants, cultivation, weeding spraying, edging, pruning of trees, mowing of grass, cleaning up and all other work necessary of maintenance.
  - 3. A written notice requesting final inspection and acceptance should be submitted to the Owner at least seven (7) days prior to completion. An on-site inspection by the Owner's Authorized Representative will be completed prior to written acceptance.
- B. Guarantee:

- 1. Trees, shrubs and groundcover shall be guaranteed for a twelve (12) month period after final acceptance. The Contractor shall replace all dead materials as soon as weather permits and upon notification of the Owner. 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 final.

**1.2 DESCRIPTION OF WORK**

- a. Plants used for replacement shall be of the same size and kind as those originally planted and shall be planted as originally specified. All work, including materials, labor and equipment used in replacements, shall carry a twelve (12) month guarantee. Any damage, including ruts in lawn or bed areas, incurred as a result of making replacements shall be immediately repaired.

- b. At the direction of the Owner, plants may be replaced at the start of the next year's planting season. In such cases, dead plants shall be removed from the premises immediately.

- c. 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 to be included under "Work" of this section.

- 2. The Owner agrees that for the guarantee to be effective, he will water plants at least twice a week during dry periods and cultivate beds once a month after final acceptance.

- 3. The above guarantee shall not apply where plants die after acceptance because of injury from storms, hail, freeze, insects, diseases, injury by humans, machines or theft.

- 4. 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.

- C. Repairs: Any necessary repairs under the Guarantee must be made within ten (10) days after receiving notice, weather permitting. In the event the Landscape Contractor does not make repairs accordingly, the Owner, without further notice to Contractor, may provide materials and men to make such repairs at the expense to the Landscape Contractor.

**1.7 QUALITY ASSURANCE**

- A. General: Comply with applicable federal, state, county and local regulations governing landscape materials and work.
- B. Personnel: Employ only experienced personnel who are familiar with the required work. Provide full time supervision by a qualified foreman acceptable to Landscape Architect.
- C. Selection of Plant Material:
  - 1. Make contact with suppliers immediately upon obtaining notice of contract acceptance to select and book materials. Develop a program of maintenance (pruning and fertilization) which will ensure the purchased materials will meet and / or exceed project specifications.
  - 2. Substitutions: Do not make plant material substitutions. If the specified landscape material is not obtainable, submit proof of non-availability to Landscape Architect, together with proposal for use of equivalent material. At the time bids are submitted, the Contractor is assumed to have located the materials necessary to complete the job as specified.
  - 3. Landscape Architect will provide a key identifying each tree location on site. Written verification will be required to document material selection, source and delivery schedules to site.
  - 4. Measurements: Measure trees with branches and trunks or canes in their normal position. Do not prune to obtain required sizes. Take caliper measurements six inches above ground for trees up to and including 4" caliper size, and twelve inches above ground for larger sizes. Measure main body of all plant material of height and spread dimensions,

do not measure from branch or root tip-to-tip.

- 5. Owner's Authorized Representative shall inspect all plant material with requirements for genus, species, cultivar / variety size and quality.
- 6. Owner's Authorized Representative retains the right to further inspect all plant material upon arrival to the site and during installation for size and condition of root balls and root systems, limbs, branching habit, insects, injuries and latent defects.
- 7. Owner's Authorized Representative may reject unsatisfactory or defective material at any time during the process work. Remove rejected materials immediately from the site and replace with acceptable material at no additional cost to the Owner. Plants damaged in transit or at job site shall be rejected.

**1.8 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 development.
  - 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 on job site.
  - 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 balls or desiccation of leaves. Keep plants moist at all times. Cover all materials during transport.
  - 5. Notify Owner's Authorized Representative of delivery schedule 72 hours in advance job site.
  - 6. Remove rejected plant material immediately from job site.
  - 7. To avoid damage or stress, do not lift, move, adjust to plumb, or otherwise manipulate plants by trunk or stems.

**PART 2 - PRODUCTS**

**2.1 PLANTS**

- A. General: Well-formed No. 1 grade or better nursery grown stock. Listed plant heights are from tops of root balls to nominal tops of plants. Plant spread refers to nominal outer width of the plant, not to the outer leaf tips. Plants will be individually approved by the Owner's Authorized Representative and his decision as to their acceptability shall be final.
- B. Quantities: The drawings and specifications are complimentary. Anything called for on one and not the other is as binding as if shown and called for on both. The plant schedule is an aid to bidders only. Confirm all quantities on plan.
- C. Quality and size: Plant materials shall conform to the size given on the plan, and shall be healthy, symmetrical, well-shaped, full branched and well rooted. The plants shall be free from injurious insects, diseases, injuries to the bark or roots, broken ranches, objectionable disfigurements, insect eggs and larvae, and are to be of specimen quality.
- D. Approval: All plants which are found unsuitable in growth, or are in unhealthy, badly shaped or undersized condition will be rejected by the Owner's Authorized Representative either before or after planting and shall be removed at the expense of the Landscape Contractor and replaced with acceptable plant as specified at no additional cost to the Owner.

Owner.

- E. Trees shall be healthy, full-branched, well-shaped, and shall meet the minimum trunk and diameter requirements of the plant schedule. Balls shall be firm, neat, slightly tapered and well wrapped in burlap. Any tree loose in the ball or with a broken root ball at time of planting will be rejected. Balls shall be ten (10") inches in diameter for each one (1") inch of trunk diameter, measured six (6") inches above ball. (Nomenclature confirms to the customary nursery usage. For clarification, the term "multi-trunk" defines a plant having three (3) or more trunks of nearly equal diameter.)
- F. Pruning: All pruning of trees and shrubs, as directed by the Landscape Architect prior to final acceptance, shall be executed by the Landscape Contractor at no additional cost to the Owner.

**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 percent
    - b. Silt - between 15-25 percent
    - c. Sand - less than 52 percent
  - 3. Organic matter shall be 3%-10% of total dry weight.
  - 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 coarse 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 and weeds.
- E. Mulch: Double Shredded Hardwood Mulch, partially decomposed, dark brown. Living Earth Technologies or approved equal.
- 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 containers, each bearing the manufacturer's guaranteed 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 material.

**2.3 MISCELLANEOUS MATERIALS**

- A. Steel Edging: 3/16" x 4" x 16" - dark green, DURAEEDGE® steel landscape edging manufactured by The J.D. Russell Company under its trade name DURAEEDGE Heavy Duty Steel.
- B. Staking Material for Shade Trees: refer to details.
- C. Gravel: Washed native pea gravel, graded 1 inch to 1-1/2 inch.
- D. Filter Fabric: 'Mirafri Mirascape' by Mirafri Construction Products available at Lone Star Products, Inc., (469) 523-0444 or approved equal.
- E. River Rock: 'Colorado' or native river rock, 2" - 4" dia.
- F. Decomposed Granite: Base material shall consist of a natural material mix of granite aggregate not to exceed 1/8" diameter in size and shall be composed of various stages of decomposed earth base.

**PART 3 - EXECUTION**

**3.1 BED PREPARATION & FERTILIZATION**

- 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. Fill 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 the topsoil. Apply organic fertilizer such as Sustane or Green Sense at the rate of twenty (20) pounds per one thousand (1,000) square feet.
  - 2. All planting areas shall receive a two (2") inch layer of specified mulch.
  - 3. 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 where they are evidently gaped open, then watered thoroughly.

**3.2 INSTALLATION**

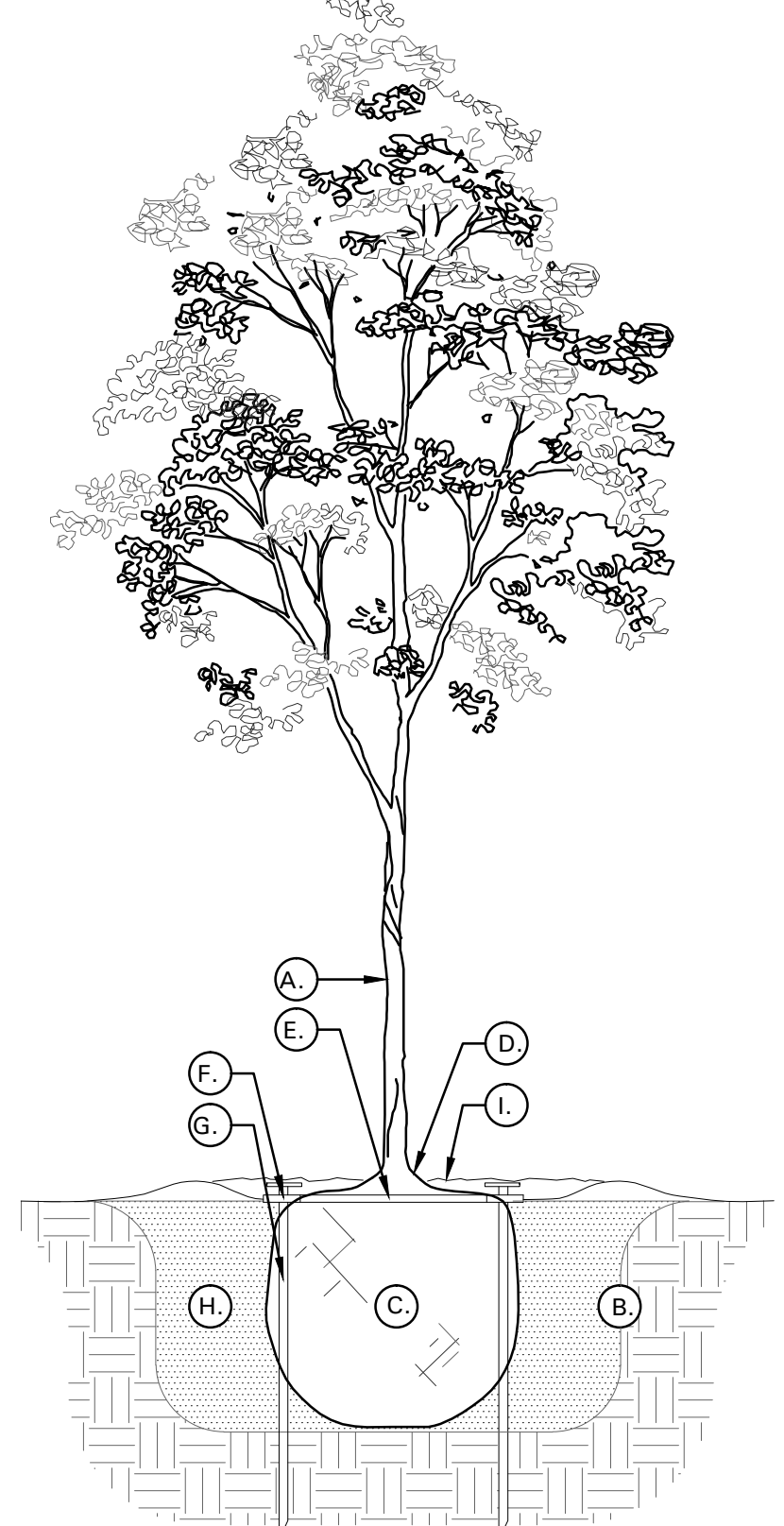
- A. Maintenance of plant materials shall begin immediately after each plant is delivered to the site and shall continue until all construction has been satisfactorily accomplished.
- B. Plant materials shall be delivered to the site only after the beds are prepared and areas are ready for planting. All shipments of nursery materials shall be thoroughly protected from the drying winds during transit. All plants which cannot be planted at once, after delivery to the site, shall 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 per plan.
- 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, the crown of the plant shall bear the same relationship to the finish grade as it did to soil surface in original place of growth.
- 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 over three-quarter (¾") inch in diameter. Plants should be thoroughly moist before removing containers.
- G. Dig a wide, rough sided hole exactly the same depth as the height of the ball, especially at the surface of the ground. The sides of the hole should be rough and jagged, never slick or glazed.
- H. Percolation Test: Fill the hole with water. If the water level does not percolate within 24 hours, the tree needs to move to another location or have drainage added. Install a PVC stand pipe per tree planting detail as approved by the Landscape Architect if the percolation test fails.
- I. 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. Carefully settle by watering to prevent air pockets. Remove the burlap from the top ½ 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 'root scoring'.

- J. Do not wrap trees.
- K. Do not over prune.
- L. 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 mulch.
- M. All plant beds and trees to be mulched with a minimum settled thickness of two (2") inches over the entire bed or pit.
- N. 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 three (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.
- O. Trees and large shrubs shall be staked as site conditions require. Position stakes to secure trees against seasonal prevailing winds.
- P. 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 1 pruning standards provided by the National Arborist Association.
  - 1. Dead wood, suckers, broken and badly bruised branches shall be removed. General tipping of the branches is not permitted. Do not cut terminal branches.
  - 2. Pruning shall be done with clean, sharp tools.
  - 3. 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 Curbing Installation:
  - 1. Curbing shall be aligned as indicated on plans. Stake out limits of steel curbing and obtain Owners approval prior to installation.
  - 2. All steel curbing shall be free of kinks and abrupt bends.
  - 3. Top of curbing shall be ½" maximum height above final finished grade.
  - 4. Stakes are to be installed on the planting bed side of the curbing, as opposed to the grass side.
  - 5. Do not install steel edging along sidewalks or curbs.
  - 6. 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.

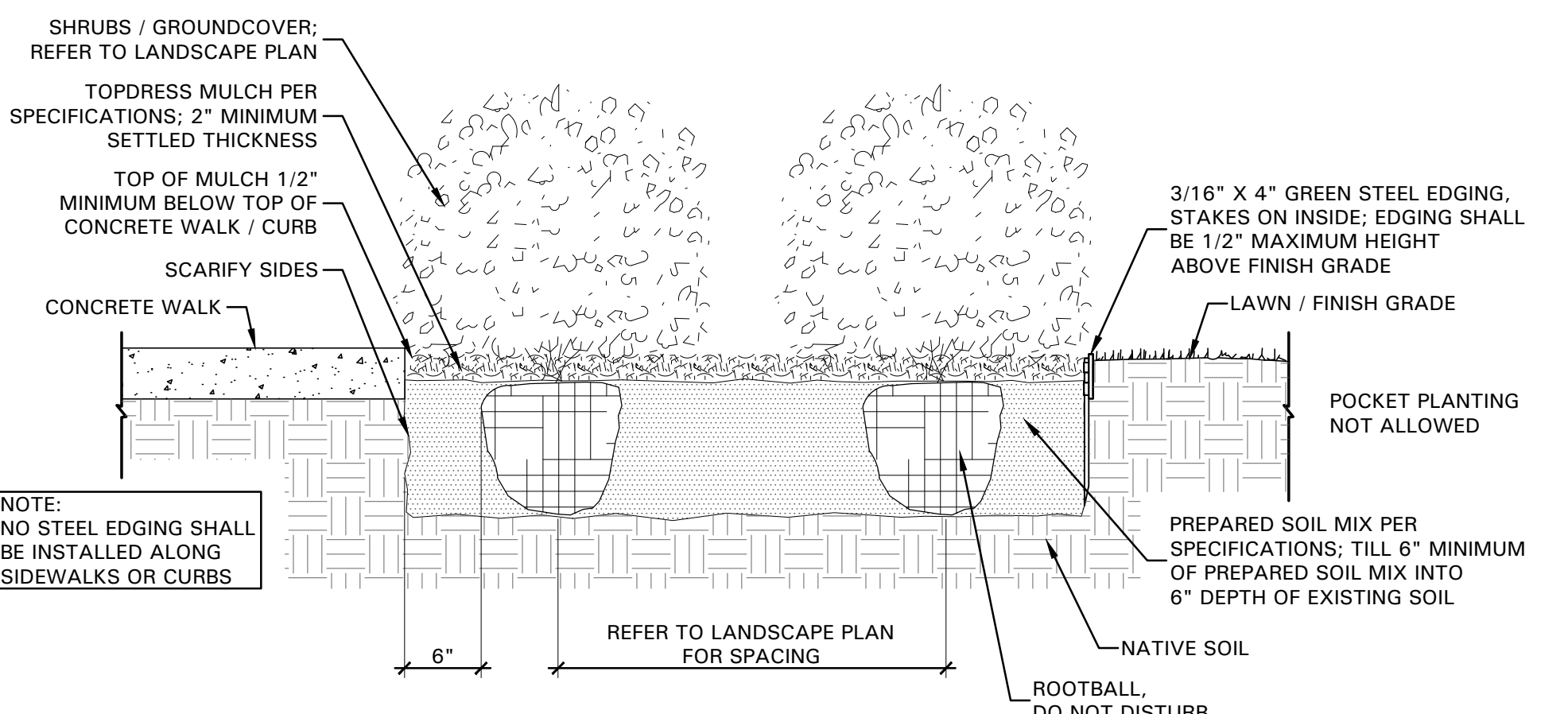
END OF SECTION



**01 TREE PLANTING DETAIL**  
NOT TO SCALE

**TREE PLANTING DETAIL LEGEND AND NOTES**

- A. TREE: TREES SHALL CONFORM WITH LATEST AMERICAN STANDARD FOR NURSERY STOCK. www.anla.org
- B. TREE PIT: WIDTH TO BE AT LEAST TWO (2) TIMES THE DIAMETER OF THE ROOT BALL CENTER TREE IN HOLE & REST ROOT BALL ON UNDISTURBED NATIVE SOIL.
- C. ROOT BALL: REMOVE TOP ½ BURLAP AND ANY OTHER FOREIGN OBJECT; CONTAINER GROWN STOCK TO BE INSPECTED FOR GIRDLING ROOTS.
- D. ROOT FLARE: ENSURE THAT ROOT FLARE IS EXPOSED, FREE FROM MULCH, AND AT LEAST TWO INCHES ABOVE GRADE. TREES SHALL BE REJECTED WHEN GIRDLING ROOTS ARE PRESENT & ROOT FLARE IS NOT APPARENT.
- E. ROOTBALL ANCHOR RING: REFER TO MANUFACTURER'S GUIDELINES FOR SIZING. PLACE ROOTBALL ANCHOR RING ON BASE OF ROOTBALL. TRUNK SHOULD BE IN THE CENTER OF THE RING.
- F. "U" BRACKET.
- G. 30" - 36" NAIL STAKE: INSTALL NAIL STAKE WITH HAMMER OR Mallet FIRMLY INTO UNDISTURBED GROUND. DRIVE NAIL STAKES FLUSH WITH "U" BRACKET ADJACENT TO ROOTBALL (DO NOT DISTURB ROOTBALL).
- H. BACKFILL: USE EXISTING NATIVE SOIL (no amendments) WATER THOROUGHLY TO ELIMINATE AIR POCKETS.
- I. MULCH: DOUBLE SHREDDED HARDWOOD MULCH 2 INCH SETTLED THICKNESS, WITH 2" HT. WATERING RING; ENSURE THAT ROOT FLARE IS EXPOSED. BELOW GROUND STAKE SHOULD NOT BE VISIBLE.
- J. TREE STAKES: TREE STAKE SOLUTIONS "SAFETY STAKE" BELOW GROUND MODEL AVAILABLE FROM: www.treestakesolutions.com (281) 723-9081
- K. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN A COPY OF THE MANUFACTURER'S SPECIFICATIONS PRIOR TO INSTALLATION OF TREE STAKES. CONTRACTOR SHALL ADHERE TO MANUFACTURER'S INSTALLATION GUIDELINES, SPECIFICATIONS, AND OTHER REQUIREMENTS FOR TREE STAKE INSTALLATION.



**02 SHRUB / GROUNDCOVER DETAIL**  
NOT TO SCALE

**PROPERTY OWNER**  
SHARON LEE  
AMERICAN NATIONAL BANK  
1305 RIDGE ROAD  
ROCKWALL, TEXAS 75087

**LANDSCAPE SPECIFICATIONS AND DETAILS**



823 Brookhurst Drive  
Dallas, Texas 75218  
214.708.5274  
www.bellefirma.com

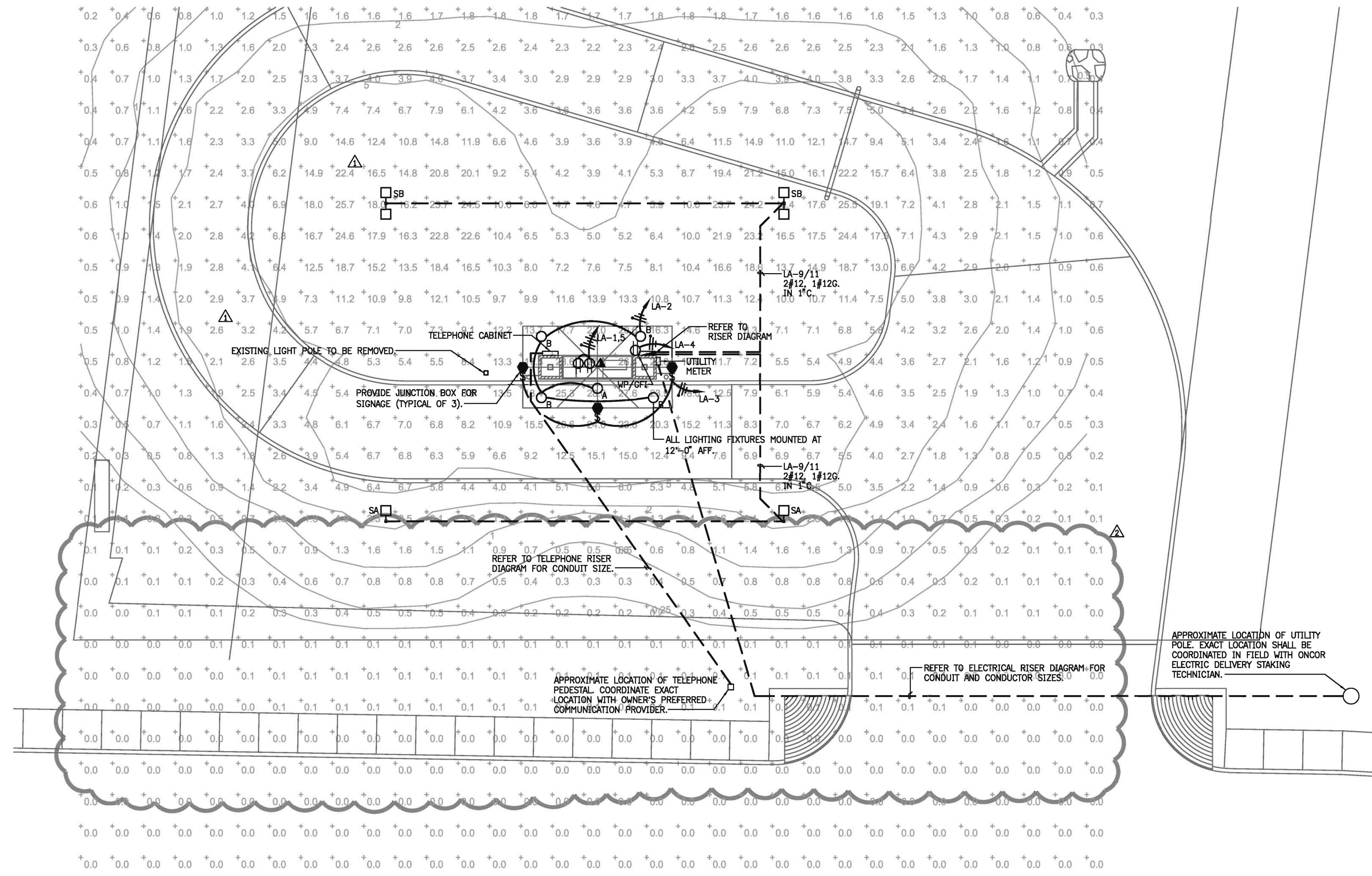


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5510 Harvest Hill Road, Suite 160, Dallas, Texas 75226-9721/75087-1400

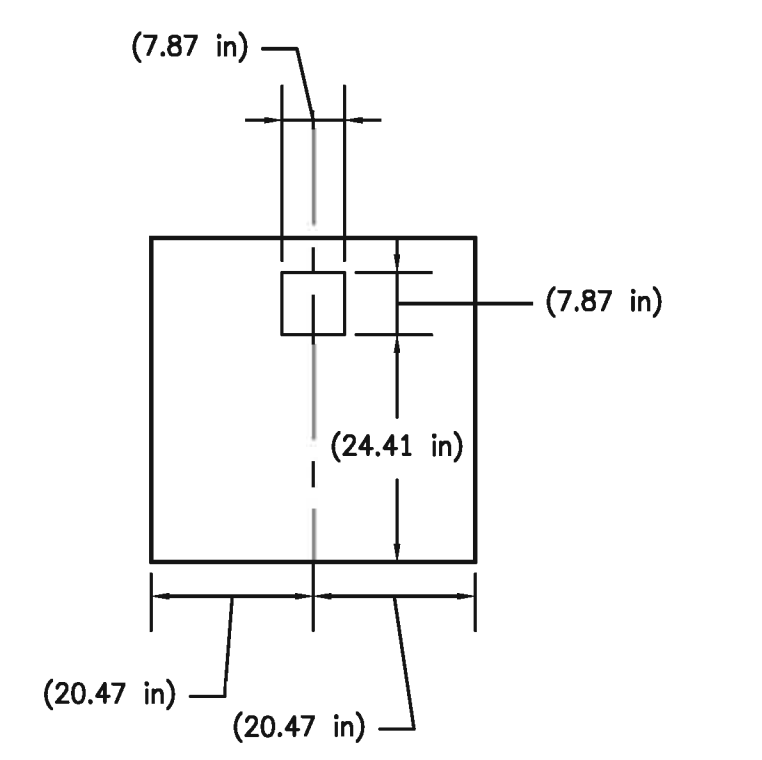
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checked: KAH  
date: 07/18/2012



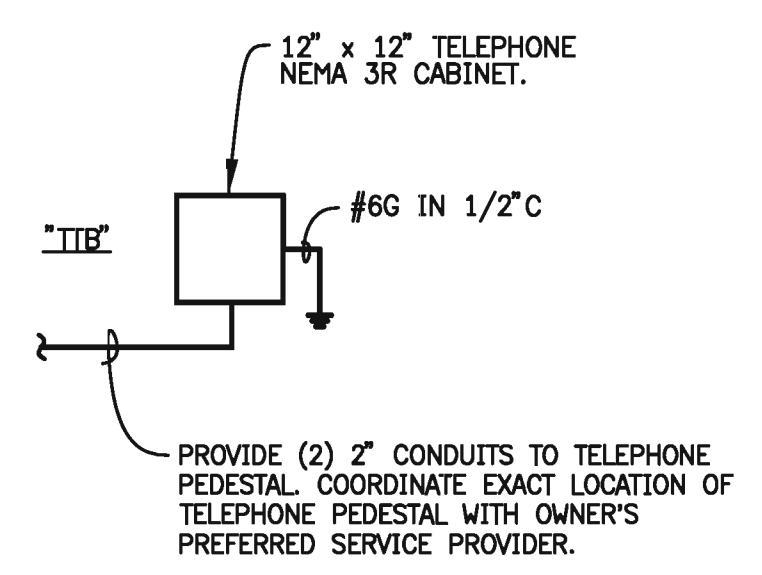
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**1 SITE PLAN - ELECTRICAL**  
SCALE : 1/8" = 1' - 0"



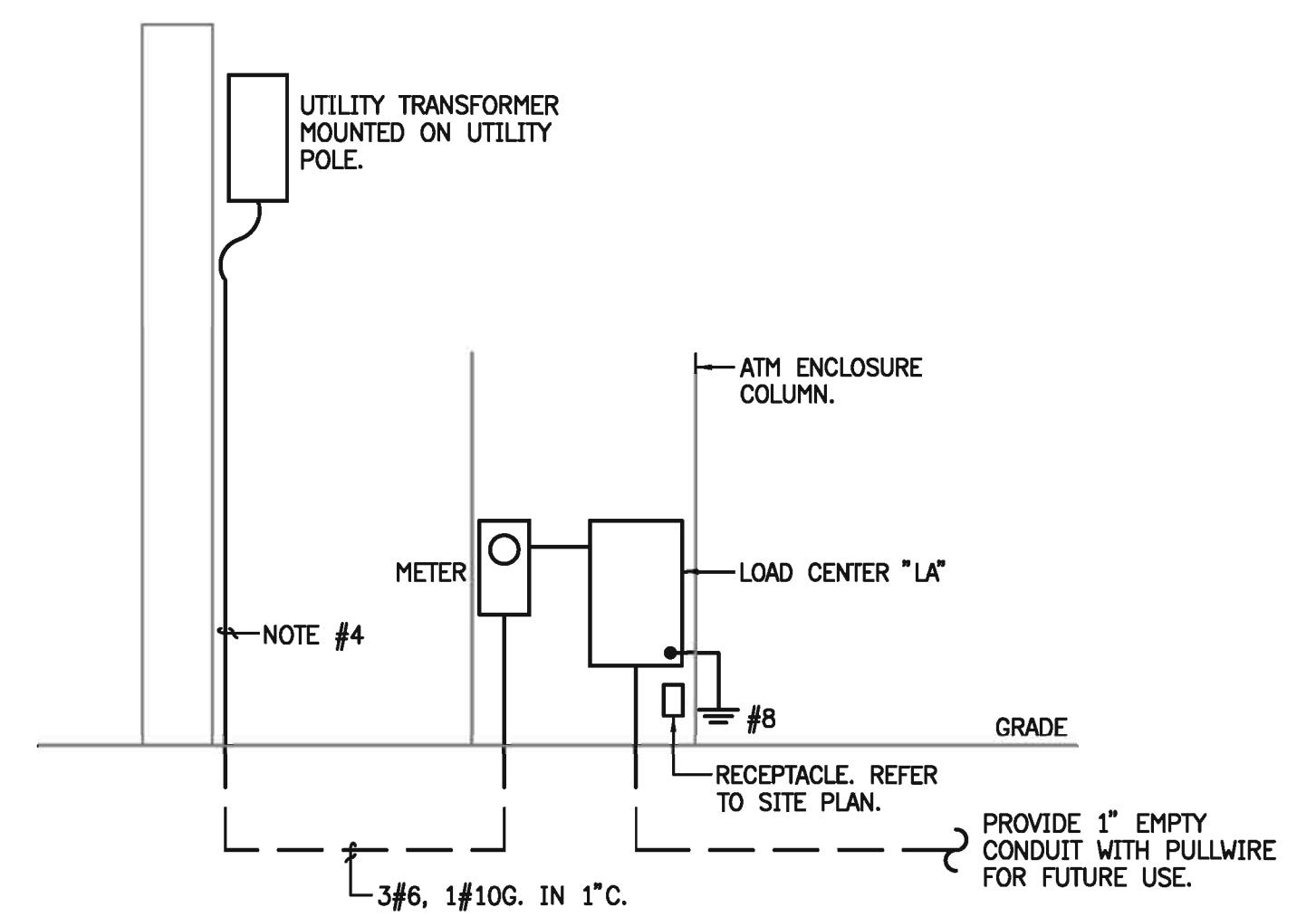
**4 CABLE ENTRY ISLAND CONDUIT HOLE DETAIL**  
SCALE : 1/2" = 1' - 0"



**3 TELEPHONE RISER DIAGRAM**  
SCALE: NONE

**TELEPHONE RISER NOTES:**  
1. PROVIDE INTERSYSTEM BONDING TERMINATION POINT, AS REQUIRED BY NEC 250.94.

ELECTRICAL LEGEND (NOT ALL SYMBOLS USED)			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
○	DOWNLIGHT	⊙	MOTOR SYMBOL, HP & PHASE
□	FLUORESCENT LIGHT FIXTURE	⊠	XFMR, KV&VOLTAGE AS NOTED
○	WALL MOUNTED LIGHT	⊡	DISCONNECT SWITCH SIZE AS NOTED
⊠	EXIT SIGN	⊠	COMBINATION MOTOR STARTER & DISCONNECT SWITCH SIZE AS NOTED
⊠	EMERGENCY / NIGHT LIGHT	⊠	MAGNETIC MOTOR STARTER
⊠	EMERGENCY WALL LIGHT (2 HEAD)	⊠	MOTORIZED DAMPER
⊠	DUPLEX RECEPTACLE, 18" A.F.F.	WP	WEATHERPROOF
⊠	QUAD RECEPTACLE 18" A.F.F.	NF	NON FUSED
⊠	DUPLEX RECEPT - MT ABV CNTR	60/50/3	60A, 3POLE SWITCH, 50A FUSE
⊠	HOSPITAL GRADE RECEPTACLE	⊠	PHOTOCELL
⊠	FLOOR RECEPTACLE	⊠	THERMOSTAT
⊠	SPECIAL RECEPTACLE	⊠	BUZZER, CHIME
⊠	PLUGMOLD	⊠	PUSHBUTTON STATION
⊠	OUTLET OR JUNCTION BOX	⊠	DOOR LOCK RELEASE
⊠	TELEPHONE OUTLET, 18" A.F.F.	⊠	TELEVISION OUTLET
⊠	COMBO TEL. & DATA OUTLET	⊠	CEILING SPEAKER ASSEMBLY
⊠	WALL MTD TELEPHONE OUTLET	⊠	WALL SPEAKER ASSEMBLY
⊠	PAY TELEPHONE OUTLET	⊠	WATER TAMPER & FLOW SWITCHES - SEE SPECS.
⊠	TELEPHONE FLOOR OUTLET	⊠	SMOKE DETECTOR
⊠	DATA COMMUNICATION OUTLET	⊠	DUCT SMOKE DETECTOR
⊠	DATA COMM FLOOR OUTLET	⊠	HEAT DETECTOR
⊠	CONDUIT HOMERUN TO PANEL	⊠	FIREFIGHTERS PHONE JACK
⊠	CONDUIT UNDERFLR-UNDERGND	⊠	A.D.A. STROBE UNIT
⊠	CONDUIT CONCEALED IN WALL OR CEILING	⊠	A.D.A. STROBE UNIT WITH HORN
⊠	GROUND CONNECTION	⊠	FIRE ALARM MANUAL PULL STATION
⊠	SINGLE POLE TOGGLE SWITCH	⊠	FIRE ALARM CONTROL PANEL
⊠	THREE-WAY TOGGLE SWITCH	⊠	FIRE ALARM REMOTE ANN. PANEL
⊠	FOUR-WAY TOGGLE SWITCH	⊠	PANELBOARD
⊠	THERMAL OVERLOAD SWITCH	⊠	DISTRIBUTION PANEL
⊠	SWITCH W/ PILOT LIGHT		
⊠	KEY OPERATED SWITCH		
⊠	DIMMER / SWITCH		
⊠	OCCUPANCY SENSOR-WALL, CEILING.		



**2 ELECTRICAL RISER DIAGRAM**  
SCALE : NONE

**ELECTRICAL RISER NOTES:**  
1. UTILITY SERVICE SHALL BE 120/240, 1 PHASE, 3 WIRE.  
2. PROVIDE GROUNDING AS REQUIRED BY NEC AND AUTHORITY HAVING JURISDICTION.  
3. VERIFY POWER POLE LOCATION WITH ONCOR ELECTRIC DELIVERY. CONTACT PHILLIP DICKERSON @ 972-551-6712.  
4. PROVIDE CONDUIT AND CONDUCTORS ON POLE AS REQUIRED BY POWER COMPANY.

drawn: checked  
date: 08/03/2012

**ARIO ENGINEERS, INC.**  
Consulting Engineers  
4140 LEMMON AVE. SUITE 275, LB 110  
DALLAS, TEXAS 75219-3763  
PH: (214) 526-7799 FAX: (214) 526-7897  
TEXAS REGISTERED ENGINEERING FIRM E-33

08/27/2010 CITY COMMENTS  
08/15/2010 REVISION #1

STATE OF TEXAS  
James H. Bailey, Jr.  
REGISTERED PROFESSIONAL ENGINEER  
62360  
08/27/12

**pross design group, incorporated**  
5010 Fairview Hill Road, Suite 100, Dallas, Texas 75226, 972/758-1400

THE AMERICAN NATIONAL BANK OF TEXAS  
EXPRESS ATM  
ROCKWALL, TEXAS

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**ELECTRICAL SPECIFICATIONS:**

**GENERAL CONDITIONS**

THE GENERAL CONDITIONS, SPECIAL CONDITIONS, SUPPLEMENTARY CONDITIONS AND ELECTRICAL SPECIFICATIONS CONTAINED IN THE AIA "GENERAL CONDITIONS OF THE CONTRACT", CURRENT EDITION, SHALL APPLY TO ALL WORK ON THIS PROJECT EXCEPT AS MODIFIED HEREIN. THE CONTRACTOR SHALL ALSO REFER TO THE ARCHITECTURAL, STRUCTURAL, AND MECHANICAL PLANS AND SPECIFICATIONS, WHICH ARE CONTRACT DOCUMENTS. BIDDERS SHALL VISIT THE SITE AND FAMILIARIZE THEMSELVES WITH ALL CONDITIONS SURROUNDING THE WORK PRIOR TO SUBMITTING THEIR BID.

**REQUIREMENTS**

ALL WORK SHALL MEET THE CURRENT NATIONAL ELECTRICAL CODE, APPLICABLE LOCAL ELECTRICAL CODE, AND ALL OTHER APPLICABLE CODES, ALL UTILITY REQUIREMENTS, AND ALL OWNER REQUIREMENTS AS TO CONSTRUCTION AND INSURANCE. THE CONTRACTOR SHALL PROCURE AND PAY FOR ALL REQUIRED PERMITS AND UTILITY SERVICE CHARGES.

**GUARANTEE**

THE CONTRACTOR SHALL UNCONDITIONALLY GUARANTEE ALL WORK UNDER THIS CONTRACT TO BE FREE FROM DEFECTS IN WORKMANSHIP AND MATERIALS FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE OF THE WORK BY THE OWNER. CONTRACTOR SHALL MAKE GOOD ALL SUCH FAULTY ITEMS IDENTIFIED TO HIM DURING THIS PERIOD WITHOUT COST TO OWNER.

**PLANS AND SPECIFICATIONS**

IT IS THE INTENT OF THE PLANS AND SPECIFICATIONS TO PROVIDE FOR A COMPLETE INSTALLATION. EVERYTHING NECESSARY FOR THE COMPLETION AND SUCCESSFUL OPERATION OF THE WORK, WHETHER OR NOT HEREIN DEFINITELY SPECIFIED OR INDICATED SHALL BE FURNISHED AND INSTALLED AS IF SO SPECIFIED OR INDICATED WITHOUT ADDITIONAL COST TO OWNER.

THE DRAWINGS ARE DIAGRAMMATIC AND NOT INTENDED TO SHOW EXACT LOCATIONS UNLESS DIMENSIONED. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND LENGTHS, AND SHALL ADJUST HIS EQUIPMENT AND RACEWAY LOCATIONS TO AVOID CONFLICTS WITH OTHER CONSTRUCTION OR EQUIPMENT.

IF ANY ERRORS, DISCREPANCIES OR OMISSIONS APPEAR IN THE PLANS, SPECIFICATIONS OR OTHER CONTRACT DOCUMENTS, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT, OR, FAILING TO DO SO BEFORE CONSTRUCTION AND/OR FABRICATION OF THE WORK, SHALL BE HELD RESPONSIBLE FOR THE RESULTS OF ANY SUCH ERRORS, DISCREPANCIES OR OMISSIONS AND THE COST OF RECTIFYING SAME.

NOTWITHSTANDING ANY OTHER PROVISIONS OF THE CONTRACT DOCUMENTS, THE CONTRACTOR BEARS ULTIMATE RESPONSIBILITY FOR THE COMPLIANCE OF THE INSTALLATION WITH THE REQUIREMENTS OF THE OWNER AND OF THE LOCAL AUTHORITY HAVING JURISDICTION.

MANUFACTURER'S NAMES ARE LISTED HEREIN AND ON THE DRAWINGS TO ESTABLISH A STANDARD FOR QUALITY AND DESIGN. WHERE ONE MANUFACTURER'S NAME IS MENTIONED, PRODUCTS OF OTHER MANUFACTURERS WILL BE ACCEPTABLE IF, IN THE OPINION OF THE ARCHITECT, THE SUBSTITUTE MATERIAL IS OF QUALITY EQUAL TO OR BETTER THAN THAT OF THE MATERIAL SPECIFIED. WHERE TWO OR MORE MANUFACTURER'S NAMES ARE SPECIFIED, MATERIAL SHALL BE BY ONE OF THE NAMED MANUFACTURERS ONLY.

**MODIFICATIONS**

MINOR ADJUSTMENTS TO THE PLANS AND SPECIFICATIONS, INCLUDING EQUIPMENT VOLTAGE REQUIREMENTS AND OUTLET LOCATIONS, MAY BE REQUESTED BY THE OWNER DURING THE PROJECT. CONTRACTOR SHALL MAKE SUCH ADJUSTMENTS WITHOUT ADDITIONAL COST TO THE OWNER WHERE SUCH ADJUSTMENTS ARE NECESSARY TO THE PROPER INSTALLATION AND OPERATION AND WITHIN THE INTENT OF THE CONTRACT DOCUMENTS.

**SUBMITTALS**

AFTER THE CONTRACT IS AWARDED, BUT PRIOR TO PROCEEDING WITH THE WORK, THE CONTRACTOR SHALL OBTAIN COMPLETE SHOP DRAWINGS, PRODUCT DATA AND SAMPLES FROM THE MANUFACTURERS, SUPPLIERS, VENDORS, AND SUBCONTRACTORS, FOR ALL MATERIALS AND EQUIPMENT SPECIFIED HEREIN, AND SUBMIT DATA AND DETAILS OF SUCH MATERIALS AND EQUIPMENT FOR REVIEW BY THE ARCHITECT AND ENGINEER. PRIOR TO SUBMISSION OF THE SHOP DRAWINGS, PRODUCT DATA AND SAMPLES TO THE ARCHITECT AND ENGINEERS, THE CONTRACTOR SHALL REVIEW AND CERTIFY THAT THE SHOP DRAWINGS, PRODUCT DATA AND SAMPLES ARE IN COMPLIANCE WITH THE CONTRACT DOCUMENTS. A MINIMUM PERIOD OF TEN WORKING DAYS, EXCLUSIVE OF TRANSMITTAL TIME, WILL BE REQUIRED IN THE ENGINEER'S OFFICE EACH TIME SHOP DRAWINGS, PRODUCT DATA AND/OR SAMPLES ARE SUBMITTED OR RESUBMITTED FOR REVIEW. THIS TIME PERIOD SHALL BE CONSIDERED BY THE CONTRACTOR WHEN SCHEDULING HIS WORK. THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH A MINIMUM OF FIVE CERTIFIED COPIES OF ALL SHOP AND EQUIPMENT DRAWINGS FOR HIS APPROVAL. TWO OF WHICH SHALL BE RETAINED BY THE ENGINEER, THE REMAINING COPIES WILL BE RETURNED TO THE CONTRACTOR.

**INSTALLATION**

ALL ELECTRICAL WORK SHOWN AND REQUIRED SHALL BE BY THE CONTRACTOR, UNLESS OTHERWISE STATED. WHO SHALL FURNISH AND INSTALL MINOR ITEMS REASONABLY NECESSARY FOR THE COMPLETION OF THE WORK, AND MAKE FINAL CONNECTIONS. ALL CUTTING AND PATCHING OF EXISTING CONDITIONS REQUIRED FOR THE WORK OF THIS CONTRACT SHALL BE BY THE CONTRACTOR. ALL TEMPORARY WIRING SHALL BE FURNISHED, INSTALLED AND REMOVED BY THE CONTRACTOR. THE CONTRACTOR SHALL KEEP A SET OF DRAWINGS ON THE JOB, NOTING DAILY ALL CHANGES MADE IN THESE DRAWINGS AND IN CONNECTION WITH THE FINAL INSTALLATION, INCLUDING EXACT DIMENSIONED LOCATIONS OF ALL NEW AND UNCOVERED EXISTING UTILITY PIPING OUTSIDE THE BUILDING. PRIOR TO COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL TRANSFER THE COMPLETE INFORMATION TO "CAD" DRAWINGS, AND SHALL, WITH HIS REQUEST FOR FINAL PAYMENT, TURN OVER A CLEAN, NEATLY PREPARED SET OF "CAD" REPRODUCIBLE DRAWINGS SHOWING "AS INSTALLED" WORK TO THE ARCHITECT FOR REVIEW AND SUBSEQUENT TRANSMITTAL TO THE OWNER. UPON ACCEPTANCE OF THE "CAD" DRAWINGS BY THE OWNER, THE CONTRACTOR SHALL PROVIDE THE ARCHITECT WITH ONE SET OF THE DRAWINGS ON A "CAD" CD AND ONE SET OF REPRODUCIBLE DRAWING PLOTS. "CAD" DRAWINGS SHALL BE IN AUTOCAD 2009 FORMAT.

**LIGHTING FIXTURES**

FLUORESCENT FIXTURES SHALL BE CONNECTED BY MEANS OF FLEXIBLE CONDUIT AND 150 DEGREE CENTIGRADE WIRE RUN TO A BRANCH CIRCUIT OUTLET BOX INDEPENDENT OF THE FIXTURE.

**CONDUIT AND WIRE**

ALL WIRING SHALL BE INSTALLED IN STEEL CONDUIT UNLESS OTHERWISE INDICATED OR SPECIFIED. CONDUIT SHALL BE EMT, EXCEPT SHORT FINAL CONNECTIONS TO MECHANICAL EQUIPMENT, LIGHTING FIXTURES, AND TRANSFORMERS SHALL BE FMC (OR LTFMC IF IN A WET LOCATION). CONDUIT SHALL BE CONCEALED IN ALL FINISHED AREAS OF THE SPACE. FITTINGS SHALL BE SETSCREW OR COMPRESSION TYPE AS APPROPRIATE. CONDUIT SHALL NOT BE RUN THROUGH OR ATTACHED TO HVAC DUCTS. ALL INTERIOR WIRE SHALL BE COPPER, TYPE THHN, OR AS NOTED, NO. 12 AWG MINIMUM, OR AS SHOWN. ALL EXTERIOR WIRE SHALL BE COPPER, TYPE XHHW, OR AS NOTED, NO. 12 AWG MINIMUM, OR AS SHOWN. ALL FLOOR PENETRATIONS SHALL USE FIRE RATED DEVICES AND SHALL MAINTAIN THE RATING OF THE FLOOR. ALL COMBINED CIRCUITS IN COMMON RACEWAY SHALL COMPLY WITH NEC FOR DISCONNECTING MEANS FOR MULTIWIRE BRANCH CIRCUITS.

**ELECTRICAL EQUIPMENT**

ALL EQUIPMENT SHALL BE NEW, UL LISTED, COMMERCIAL GRADE, AND WEATHERPROOF IF EXPOSED TO WEATHER. DISCONNECT SWITCHES SHALL BE NEMA RATED, HEAVY DUTY, 3P, N-F UNLESS SHOWN WITH FUSES. ALL FUSES SHALL BE CLASS J. BRANCH CIRCUIT BREAKERS SHALL BE BOLT-ON, 10,000 AIC FOR 120/208 VOLT, CENTER TRIP. SINGLE POLE BREAKERS SHALL BE SWD RATED. MULTIPOLE BREAKERS SHALL BE COMMON TRIP. THE PANEL DOOR SHALL CONTAIN A TYPEWRITTEN BRANCH CIRCUIT DIRECTORY. TRANSFORMERS SHALL BE DRY-TYPE "TP1", 115 DEGREE C RISE, KVA RATING AS INDICATED ON PLANS. LABEL ALL EQUIPMENT AS REQUIRED BY 2011 NEC 110.24.

**WIRING DEVICES**

UNLESS OTHERWISE INDICATED ON PLANS: WIRING DEVICES SHALL BE SPECIFICATION GRADE, IVORY COLOR, SIDE WIRED, 20 AMP HUBBELL: 1221 SERIES SWITCHES, 5362 SERIES RECEPTACLE OR EQUAL PRODUCT OF P&S OR LEVITON. PLATES SHALL BE SMOOTH IVORY PLASTIC. WALL OUTLET BOXES SHALL BE KNOCKOUT TYPE, EXCEPT CAST WATERPROOF TYPE SHALL BE USED IN WET LOCATIONS. FLOOR BOXES SHALL BE CAST IRON, FULLY ADJUSTABLE, WITH BRASS COVER PLATE, BRASS CARPET FLANGE AND FLUSH FITTINGS, HUBBELL, THOMAS & BETTS, OR EQUAL. INSTALL SWITCHES AT 48" A.F.F. AND RECEPTACLES AT 18" A.F.F. UNLESS NOTED OTHERWISE.

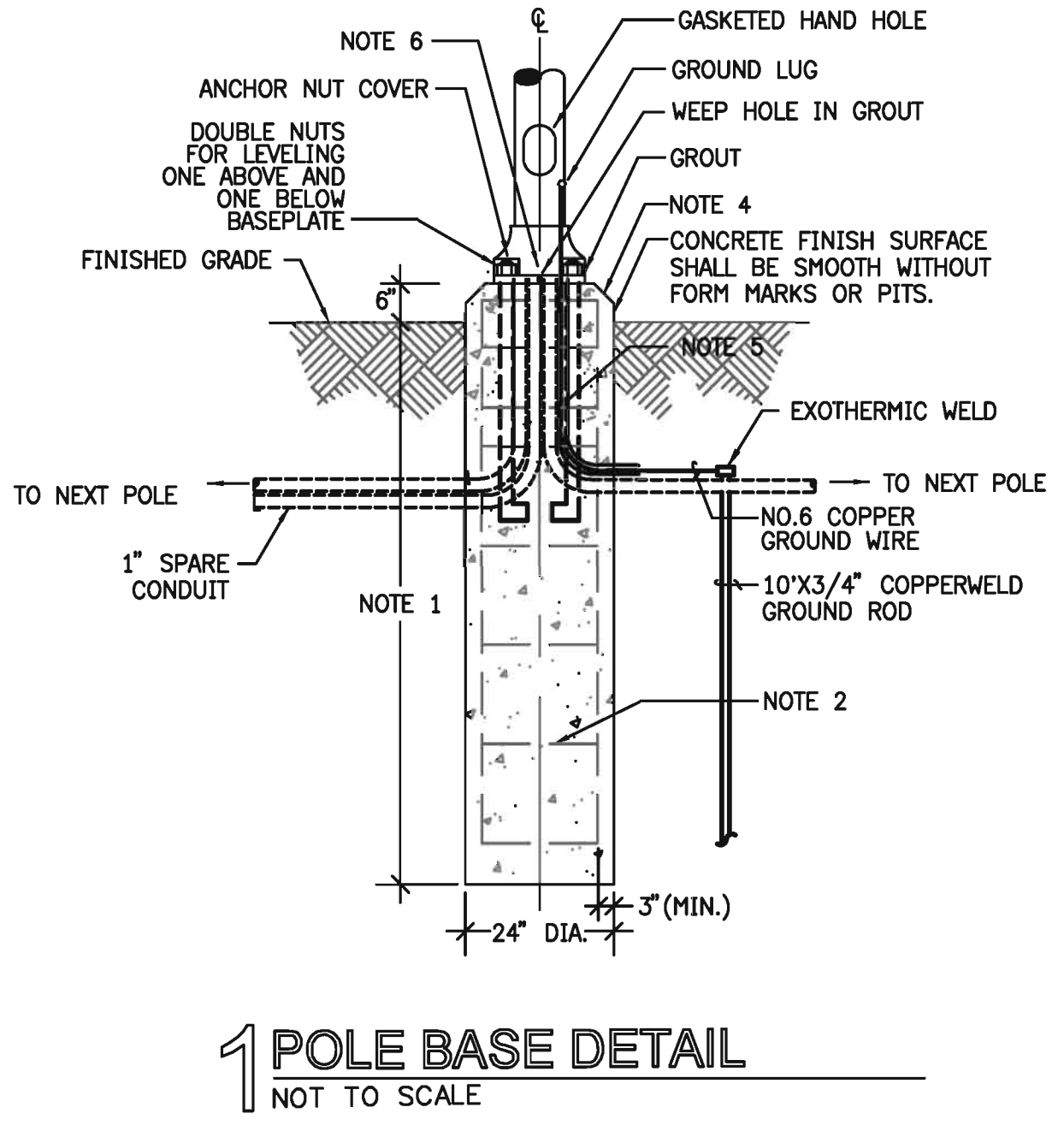
**MECHANICAL EQUIPMENT**

THE PLANS ARE BASED UPON SERVICE REQUIREMENTS OF THE MECHANICAL EQUIPMENT SPECIFIED. THIS CONTRACTOR SHALL BE REIMBURSED BY THE MECHANICAL CONTRACTOR, NOT BY THE OWNER, FOR ANY COSTS INCURRED DUE TO MECHANICAL CONTRACTOR'S SUBSTITUTION OF EQUIPMENT HAVING DIFFERENT ELECTRICAL CHARACTERISTICS.

LIGHT FIXTURE SCHEDULE				
TYPE	DESCRIPTION	VOLTAGE	LAMPS	NOTES
A	DAMP LOCATION RATED SOFFIT DOWNLIGHT RECESSED IN SOFFIT PRESCOLITE #CFTD832HEB-SYL-STF802H-CL-LP42T35K	120	(2) 42W CFL 3500K	
B	DAMP LOCATION RATED SOFFIT DOWNLIGHT RECESSED IN SOFFIT PRESCOLITE #CFT632HEB-SYL-STF602H-CL-LP42T35K	120	(1) 42W CFL 3500K	
SA	SINGLE HEAD SITE LIGHTING POLE POLE MOUNTED ON 14'-0" POLE (SPAULDING LIGHTING #SSS-14-40-7-AI-DB) SPAULDING LIGHTING #NKL1-A-P17-V5-F-Q(240V)-DB-HS-ARM-S-6-S-DB	240	(1) 175W MH	
SB	DOUBLE HEAD SITE LIGHTING POLE POLE MOUNTED ON 14'-0" POLE (SPAULDING LIGHTING #SSS-14-40-7-CK-DB) SPAULDING LIGHTING #NKL1-A-P17-V5-F-Q(240V)-DB-ARM-S-6-S-DB	240	(2) 175W MH	

NOTES:  
1. PROVIDE ZERO DEGREE BALLASTS FOR ALL FLUORESCENT LIGHTING FIXTURES.

PANEL LA												10,000 AMPS RMS SYM I.C.	
120/240 VOLTS, 1 PHASE, 3 WIRE												50 AMPS MAIN CIRCUIT BREAKER	
LOAD	ZONE	SERVES	TRIP	PHASE "A"		PHASE "B"		TRIP	SERVES	ZONE	LOAD		
R	ATM		20/1	01*	1200	226		02	20/1	LIGHTING	PC	L	
L	PC	SIGNAGE	20/1	03*			1200	180	04*	20/1	RECEPTACLE		R
R		AIR CONDITIONER	20/1	05*	1200				06	20/1	SPARE		
		SPARE	20/1	07*					08	20/1	SPARE		
L	PC	SITE LIGHTING	20/2	09*	618				10	-	SPACE		
L	PC			11			618		12	-	SPACE		
LOAD DESCRIPTION				3244		1998				NOTES:			
L = LIGHTING R = RECEPT. X = MISC.				TOTAL CONN. LOAD 5.2				1. PROVIDE IN NEMA 3R ENCLOSURE.					
M = MOTOR LM = LARGEST MOTOR				TOTAL DEMAND LOAD 5.9				2. PROVIDE PHOTOCELL ON ROOF FACING NORTH.					
A = A/C H = HEAT RA = RANGE								PHOTOCELL SHALL BE TORK 2000 SERIES.					
K = KITCHEN D = DRYER								CONTROLLING CIRCUIT LA-2, 3, 9 AND 11.					



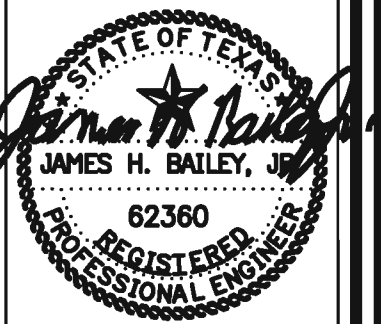
**1 POLE BASE DETAIL**  
NOT TO SCALE

- POLE BASE DETAIL NOTES:**
- 8'-0" MINIMUM.
  - PROVIDE 1/2" TIE SPACING ABOVE GRADE. 24# PIER REF. W 6-#6 VERTICAL W/#3 TIES @ 18" O.C. (LAP 18")
  - PROVIDE 3" (MIN.) CLEAR BETWEEN FACE OF PIER AND REINFORCING STEEL.
  - PROVIDE CONTINUOUS 1" CHAMFER. CONCRETE BASE SHALL EXTEND 1" MINIMUM BEYOND ANCHOR NUT COVER.
  - #6 AWG COPPER IN 3/4" CONDUIT.
  - PROVIDE 2-1" IMC CONDUITS FROM JUNCTION BOX TO 2" ABOVE CONCRETE. PROVIDE INSULATING BUSHINGS ON BOTH ENDS.
  - PROVIDE INSULATED SPLIT-BOLT CONNECTORS FOR ALL CONNECTIONS AT THE POLE BASE.

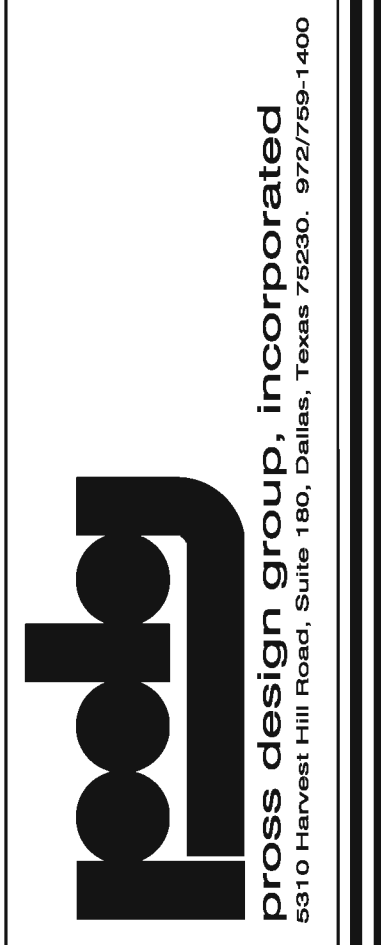
08/27/2010 CITY COMMENTS  
08/15/2010 REVISION #1

drawn:  
checked  
date  
08/03/2012

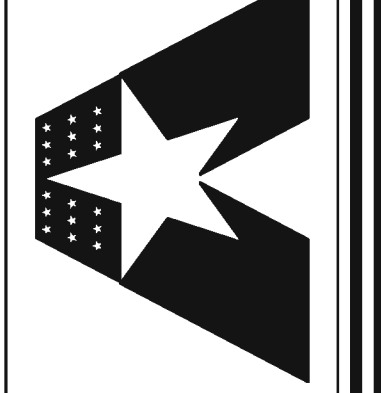
ARIO ENGINEERS, INC.  
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DALLAS, TEXAS 75219-3763  
PH: (214) 520-7799 FAX: (214) 520-7897  
TEXAS REGISTERED ENGINEERING FIRM E.33



08/27/12



THE AMERICAN NATIONAL  
BANK OF TEXAS  
EXPRESS ATM  
ROCKWALL, TEXAS



job no  
1224 (6255.01)  
sheet

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ELECTRICAL SPECIFICATIONS:

GENERAL CONDITIONS:

THE GENERAL CONDITIONS, SPECIAL CONDITIONS, SUPPLEMENTARY CONDITIONS AND ELECTRICAL SPECIFICATIONS CONTAINED IN THE AIA "GENERAL CONDITIONS OF THE CONTRACT," CURRENT EDITION, SHALL APPLY TO ALL WORK ON THIS PROJECT EXCEPT AS MODIFIED HEREIN. THE CONTRACTOR SHALL ALSO REFER TO THE ARCHITECTURAL, STRUCTURAL, AND MECHANICAL PLANS AND SPECIFICATIONS, WHICH ARE CONTRACT DOCUMENTS. BIDDERS SHALL VISIT THE SITE AND FAMILIARIZE THEMSELVES WITH ALL CONDITIONS SURROUNDING THE WORK PRIOR TO SUBMITTING THEIR BID.

REQUIREMENTS:

ALL WORK SHALL MEET THE CURRENT NATIONAL ELECTRICAL CODE, APPLICABLE LOCAL ELECTRICAL CODE, AND ALL OTHER APPLICABLE CODES, ALL UTILITY REQUIREMENTS, AND ALL OWNER REQUIREMENTS AS TO CONSTRUCTION AND INSURANCE. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL REQUIRED PERMITS AND UTILITY SERVICE CHARGES.

WARRANTY:

THE CONTRACTOR SHALL UNCONDITIONALLY GUARANTEE ALL WORK UNDER THIS CONTRACT TO BE FREE FROM DEFECTS IN WORKMANSHIP AND MATERIALS FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE OF THE WORK BY THE OWNER. CONTRACTOR SHALL MAKE GOOD ALL SUCH FAULTY ITEMS IDENTIFIED TO HIM DURING THIS PERIOD WITHOUT COST TO OWNER.

PLANS AND SPECIFICATIONS:

IT IS THE INTENT OF THE PLANS AND SPECIFICATIONS TO PROVIDE FOR A COMPLETE INSTALLATION, EVERYTHING NECESSARY FOR THE COMPLETION AND SUCCESSFUL OPERATION OF THE WORK, WHETHER OR NOT HEREIN DEFINITELY SPECIFIED OR INDICATED SHALL BE FURNISHED AND INSTALLED AS IF SO SPECIFIED OR INDICATED WITHOUT ADDITIONAL COST TO OWNER.

THE DRAWINGS ARE DIAGRAMMATIC AND NOT INTENDED TO SHOW EXACT LOCATIONS UNLESS DIMENSIONED. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND LENGTHS, AND SHALL ADJUST HIS EQUIPMENT AND RACEWAY LOCATIONS TO AVOID CONFLICTS WITH OTHER CONSTRUCTION OR EQUIPMENT.

IF ANY ERRORS, DISCREPANCIES OR OMISSIONS APPEAR IN THE PLANS, SPECIFICATIONS OR OTHER CONTRACT DOCUMENTS, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT, OR, FAILING TO DO SO BEFORE CONSTRUCTION AND/OR FABRICATION OF THE WORK, SHALL BE HELD RESPONSIBLE FOR THE RESULTS OF ANY SUCH ERRORS, DISCREPANCIES OR OMISSIONS AND THE COST OF RECTIFYING SAME.

NOTWITHSTANDING ANY OTHER PROVISIONS OF THE CONTRACT DOCUMENTS, THE CONTRACTOR BEARS ULTIMATE RESPONSIBILITY FOR THE COMPLIANCE OF THE INSTALLATION WITH THE REQUIREMENTS OF THE OWNER AND OF THE LOCAL AUTHORITY HAVING JURISDICTION.

MANUFACTURER'S NAMES ARE LISTED HEREIN AND ON THE DRAWINGS TO ESTABLISH A STANDARD FOR QUALITY AND DESIGN. WHERE ONE MANUFACTURER'S NAME IS MENTIONED, PRODUCTS OF OTHER MANUFACTURERS WILL BE ACCEPTABLE IF, IN THE OPINION OF THE ARCHITECT, THE SUBSTITUTE MATERIAL IS OF EQUALITY OR BETTER THAN THE MATERIAL SPECIFIED. WHERE TWO OR MORE MANUFACTURER'S NAMES ARE SPECIFIED, MATERIAL SHALL BE BY ONE OF THE NAMED MANUFACTURERS ONLY.

MODIFICATIONS:

MINOR ADJUSTMENTS TO THE PLANS AND SPECIFICATIONS, INCLUDING EQUIPMENT VOLTAGE REQUIREMENTS AND OUTLET LOCATIONS, MAY BE REQUESTED BY THE OWNER DURING THE PROJECT. CONTRACTOR SHALL MAKE SUCH ADJUSTMENTS WITHOUT ADDITIONAL COST TO THE OWNER WHERE SUCH ADJUSTMENTS ARE NECESSARY TO THE PROPER INSTALLATION AND OPERATION AND WITHIN THE INTENT OF THE CONTRACT DOCUMENTS.

SUBMITTALS:

AFTER THE CONTRACT IS AWARDED, BUT PRIOR TO PROCEEDING WITH THE WORK, THE CONTRACTOR SHALL OBTAIN COMPLETE SHOP DRAWINGS, PRODUCT DATA AND SAMPLES FROM THE MANUFACTURERS, SUPPLIERS, VENDORS, AND SUBCONTRACTORS, FOR ALL MATERIALS AND EQUIPMENT SPECIFIED HEREIN, AND SUBMIT DATA AND DETAILS OF SUCH MATERIALS AND EQUIPMENT FOR REVIEW BY THE ARCHITECT AND ENGINEER, PRIOR TO SUBMISSION OF THE SHOP DRAWINGS, PRODUCT DATA AND SAMPLES TO THE ARCHITECT AND ENGINEER. THE CONTRACTOR SHALL REVIEW AND CERTIFY THAT THE SHOP DRAWINGS, PRODUCT DATA AND SAMPLES ARE IN COMPLIANCE WITH THE CONTRACT DOCUMENTS. A MINIMUM PERIOD OF TEN WORKING DAYS, EXCLUSIVE OF TRANSMITTAL TIME, WILL BE REQUIRED IN THE ENGINEER'S OFFICE EACH TIME SHOP DRAWINGS, PRODUCT DATA AND/OR SAMPLES ARE SUBMITTED OR RESUBMITTED FOR REVIEW. THIS TIME PERIOD SHALL BE CONSIDERED BY THE CONTRACTOR WHEN SCHEDULING HIS WORK. THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH A MINIMUM OF FIVE CERTIFIED COPIES OF ALL SHOP AND EQUIPMENT DRAWINGS FOR HIS APPROVAL AND OF WHICH SHALL BE RETAINED BY THE ENGINEER. THE REMAINING COPIES WILL BE RETURNED TO THE CONTRACTOR.

INSTALLATION: ALL ELECTRICAL WORK SHOWN AND REQUIRED SHALL BE BY THE CONTRACTOR, UNLESS OTHERWISE STATED. WHO SHALL FURNISH AND INSTALL MINOR ITEMS REASONABLY NECESSARY FOR THE COMPLETION OF THE WORK, AND MAKE FINAL CONNECTIONS, ALL CUTTING AND PATCHING OF EXISTING CONDITIONS REQUIRED FOR THE WORK OF THIS CONTRACT SHALL BE BY THE CONTRACTOR. ALL TEMPORARY WIRING SHALL BE FURNISHED, INSTALLED AND REMOVED BY THE CONTRACTOR. THE CONTRACTOR SHALL KEEP A SET OF DRAWINGS ON THE JOB, NOTING DAILY ALL CHANGES MADE IN THESE DRAWINGS AND IN CONNECTION WITH THE FINAL INSTALLATION, INCLUDING EXACT DIMENSIONED LOCATIONS OF ALL NEW AND UNCOVERED EXISTING UTILITY PIPING OUTSIDE THE BUILDING. PRIOR TO COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL TRANSFER THE COMPLETE INFORMATION TO "CAD" DRAWINGS, AND SHALL, WITH HIS REQUEST FOR FINAL PAYMENT, TURN OVER A CLEAN, NEATLY PREPARED SET OF "CAD" REPRODUCIBLE DRAWINGS SHOWING "AS INSTALLED" WORK TO THE ARCHITECT FOR REVIEW AND SUBSEQUENT TRANSMITTAL TO THE OWNER. UPON ACCEPTANCE OF THE "CAD" DRAWINGS BY THE OWNER, THE CONTRACTOR SHALL PROVIDE THE ARCHITECT WITH ONE SET OF THE DRAWINGS ON A "CAD" CD AND ONE SET OF REPRODUCIBLE DRAWING PLOTS. "CAD" DRAWINGS SHALL BE IN AUTOCAD 2009 FORMAT.

LIGHTING FIXTURES: FLUORESCENT FIXTURES SHALL BE CONNECTED BY MEANS OF FLEXIBLE CONDUIT AND 150 DEGREE CENTIGRADE WIRE RUN TO A BRANCH CIRCUIT OUTLET BOX INDEPENDENT OF THE FIXTURE.

CONDUIT AND WIRE: ALL WIRING SHALL BE INSTALLED IN STEEL CONDUIT UNLESS OTHERWISE INDICATED OR SPECIFIED. CONDUIT SHALL BE ENT, EXCEPT SHORT FINAL CONNECTIONS TO MECHANICAL EQUIPMENT, LIGHTING FIXTURES, AND TRANSFORMERS SHALL BE PVC (OR LYTHC IF IN A WET LOCATION). CONDUIT SHALL BE CONCEALED IN ALL FINISHED AREAS OF THE SPACE. FITTINGS SHALL BE SETScrew OR COMPRESSION TYPE AS APPROPRIATE. CONDUIT SHALL NOT BE RUN THROUGH OR ATTACHED TO HVAC DUCTS. ALL INTERIOR WIRE SHALL BE COPPER, TYPE THHN, OR AS NOTED, NO. 12 AWG MINIMUM, OR AS SHOWN. ALL EXTERIOR WIRE SHALL BE COPPER, TYPE XHHW, OR AS NOTED, NO. 12 AWG MINIMUM, OR AS SHOWN. ALL FLOOR PENETRATIONS SHALL USE FINE MATED DEVICES AND SHALL MAINTAIN THE RATING OF THE FLOOR. ALL COMBINED CIRCUITS IN COMMON RACEWAY SHALL COMPLY WITH NEC FOR DISCONNECTING MEANS FOR MULTIWIRE BRANCH CIRCUITS.

ELECTRICAL EQUIPMENT: ALL EQUIPMENT SHALL BE NEW, UL LISTED, COMMERCIAL GRADE, AND WEATHERPROOF IF EXPOSED TO WEATHER. DISCONNECT SWITCHES SHALL BE NEW, RATED, HEAVY DUTY, 3P, N-F UNLESS SHOWN WITH FUSES. ALL FUSES SHALL BE CLASS J. BRANCH CIRCUIT BREAKERS SHALL BE BOLT-ON, UL508A AIC FOR 120/208 VOLT, CENTER TRIP. SINGLE POLE BREAKERS SHALL BE SMO RATED. MULTIPOLE BREAKERS SHALL BE COMMON TRIP. THE PANEL DOOR SHALL CONTAIN A TYPEWRITTEN BRANCH CIRCUIT DIRECTORY. TRANSFORMERS SHALL BE DRY-TYPE "TP1", 115 DEGREE C RISE, IMA RATING AS INDICATED ON PLANS. LABEL ALL EQUIPMENT AS REQUIRED BY 2011 NEC 110.24.

WIRING DEVICES: UNLESS OTHERWISE INDICATED ON PLANS: WIRING DEVICES SHALL BE SPECIFICATION GRADE, IVORY COLOR, SIDE WIRE, 20 AMP HUBBELL; 1221 SERIES SWITCHES, 5362 SERIES RECEPTACLE OR EQUAL PRODUCT OF P&S OR LEVITON. PLATES SHALL BE SMOOTH IVORY PLASTIC. WALL OUTLET BOXES SHALL BE KNOCKOUT TYPE, EXCEPT CAST WATERPROOF TYPE SHALL BE USED IN WET LOCATIONS. FLOOR BOXES SHALL BE CAST IRON, FULLY ADJUSTABLE, WITH BRASS COVER PLATE, BRASS CARPET FLANGE AND FLUSH FITTINGS, HUBBELL, THOMAS & BETTS, OR EQUAL. INSTALL SWITCHES AT 48" A.F.F. AND RECEPTACLES AT 18" A.F.F. UNLESS NOTED OTHERWISE.

MECHANICAL EQUIPMENT: THE PLANS ARE BASED UPON SERVICE REQUIREMENTS OF THE MECHANICAL EQUIPMENT SPECIFIED. THE CONTRACTOR SHALL BE REIMBURSED BY THE MECHANICAL CONTRACTOR, NOT BY THE OWNER, FOR ANY COSTS INCURRED DUE TO MECHANICAL CONTRACTOR'S SUBSTITUTION OF EQUIPMENT HAVING DIFFERENT ELECTRICAL CHARACTERISTICS.

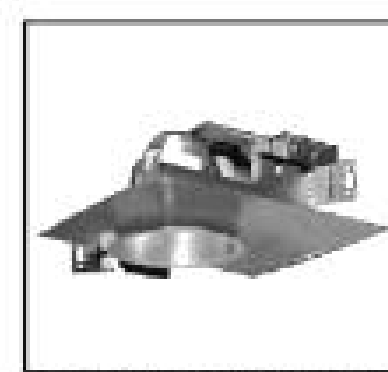
LIGHT FIXTURE SCHEDULE

Table with columns: TYPE, DESCRIPTION, VOLTAGE, LAMPS, NOTES. Includes items A and B describing damp location rated soffit downlights.

NOTES:

1. PROVIDE ZERO DEGREE BALLASTS FOR ALL FLUORESCENT LIGHTING FIXTURES.

PANEL LA: 10,000 AHPS RMS 5YM I.C. 120/240 VOLTS, 1 PHASE, 3 WIRE. 50 AHPS MAIN CIRCUIT BREAKER. Includes load schedule table and notes.



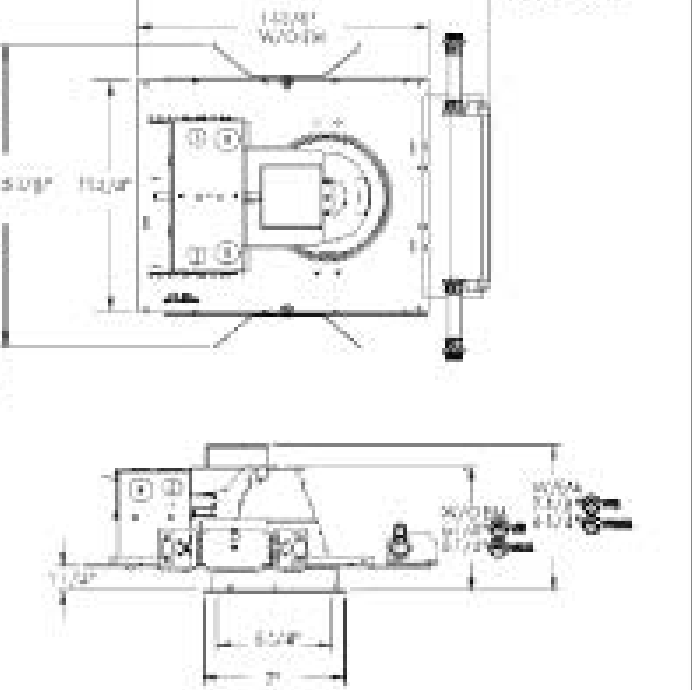
6" Horizontal Triple Open & Wall Wash Downlight CFT632HEB. One 26W, 32W, or 42W Triple Tube 4-Pin lamp. Non-IC Rated. 120V, 208V, 240V, 277V, or 347V.

APPLICATIONS: The CFT632HEB offers a horizontally louvered compact fluorescent downlight and wallwash fixture that provides superior brightness and glare control. The built-in reflector can be positioned to adjust the beam diameter to provide uniform light distribution. The fixture is suitable for use in a variety of low to medium height ceiling applications including retail, restaurant, hotel, and hospital. The CFT632HEB is compatible with the Superfamily of architectural elements.

HOUSING: One (1) injection molded polycarbonate die-cast housing with recessed cover for easy access. Vented on top to protect for maximum light output. Some lighting applications may require additional ventilation.

RELECTOR: High polycarbonate reflector with Super family reflector. Self-adjustable for maximum light output. Some lighting applications may require additional ventilation.

INSTALLATION: Universal adjustable mounting system allows for 1/2" or 1/4" tilt for optimum beam spread. Approve for through ceiling. U.S. listed on UL/CUL listed with CDH option for damp locations. Approve for through ceiling. Non-IC. LAMP INCLUDED OPTION: Specify lamp type (1 Triple 4-pin) and temperature as shown below.



- List of accessories including B24, B26, B28, B30, B32, B34, B36, B38, B40, B42, B44, B46, B48, B50, B52, B54, B56, B58, B60, B62, B64, B66, B68, B70, B72, B74, B76, B78, B80, B82, B84, B86, B88, B90, B92, B94, B96, B98, B100.



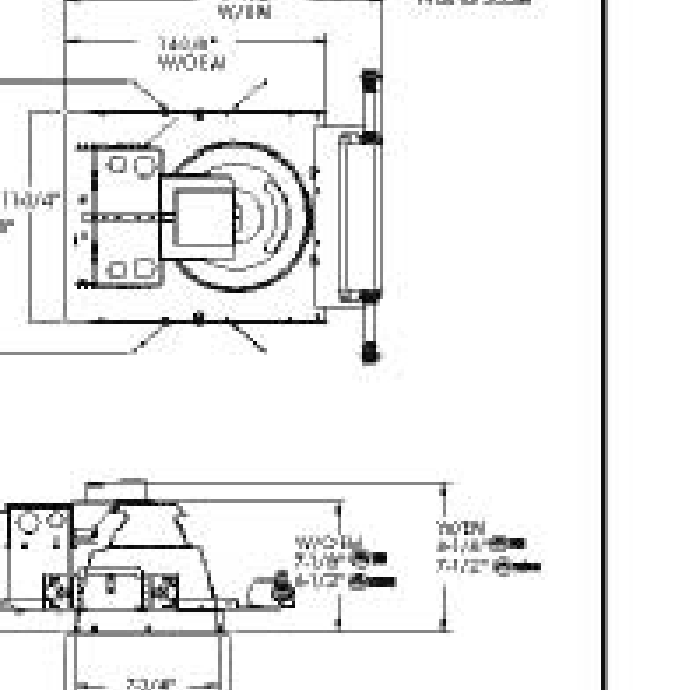
8" Horizontal Two Lamp Open & Wall Wash Downlight CFTD832HEB. Two 26W, 32W, or 42W Triple Tube 4-Pin lamps. Non-IC Rated. 120V, 208V, 240V, 277V, or 347V.

APPLICATIONS: The CFTD832HEB offers a horizontally louvered compact fluorescent downlight and wallwash fixture that provides superior brightness and glare control. The built-in reflector can be positioned to adjust the beam diameter to provide uniform light distribution. The fixture is suitable for use in a variety of low to medium height ceiling applications including retail, restaurant, hotel, and hospital. The CFTD832HEB is compatible with the Superfamily of architectural elements.

HOUSING: One (1) injection molded polycarbonate die-cast housing with recessed cover for easy access. Vented on top to protect for maximum light output. Some lighting applications may require additional ventilation.

RELECTOR: High polycarbonate reflector with Super family reflector. Self-adjustable for maximum light output. Some lighting applications may require additional ventilation.

INSTALLATION: Universal adjustable mounting system allows for 1/2" or 1/4" tilt for optimum beam spread. Approve for through ceiling. U.S. listed on UL/CUL listed with CDH option for damp locations. Approve for through ceiling. Non-IC. LAMP INCLUDED OPTION: Specify lamp type (1 Triple 4-pin) and temperature as shown below.



- List of accessories including B24, B26, B28, B30, B32, B34, B36, B38, B40, B42, B44, B46, B48, B50, B52, B54, B56, B58, B60, B62, B64, B66, B68, B70, B72, B74, B76, B78, B80, B82, B84, B86, B88, B90, B92, B94, B96, B98, B100.

ARIO ENGINEERS, INC. logo and contact information for consulting engineers.

Professional Engineer seal for James H. Bailey, No. 62380, State of Texas.

THE AMERICAN NATIONAL BANK OF TEXAS logo and contact information.