DEVELOPER

CVIL ENGINEER

LANDSCAPE ARCHITECT

STRUCTURAL ENGINEER

MEP ENGINEER

PROJECT

**5G STUDIO COLLABORATIVE** 

DALLAS, TEXAS 75202

CONTACT: ERIC BARTLETT

DRAWINGS AND SPECIFICATIONS AS

CHURCH OF THE APOSTLES

332 MACARTHUR BLVD.

CONTACT: LEE CARROLL

RLK ENGINEERING, INC.

111 WEST MAIN STREET ALLEN, TEXAS 75013 972.359.1733

CONTACT: SETH KELLY

1708 NORTH GRIFFIN ST.

CONTACT: HANK THOMAS

DALLAS, TX 75202

PLANO, TX 75075

214.253.2506

**ENGINEERING** 918 DRAGON STREET

214.915.0929

DALLAS, TX 75207

214.871.0083

SMR LANDSCAPE ARCHITECTS INC.

MK ENGINEERS AND ASSOCIATES, INC

400 CHISOLM PLACE, SUITE 106

CONTACT: MOHAMMAD KABIR

MEP SYSTEMS DESIGN AND

CONTACT: MARK PORTNOY

COPPELL, TX 75019 214.502.2199

INSTRUMENTS OF SERVICE ARE THE PROPERTY OF THE ARCHITECT. THEY SHALL

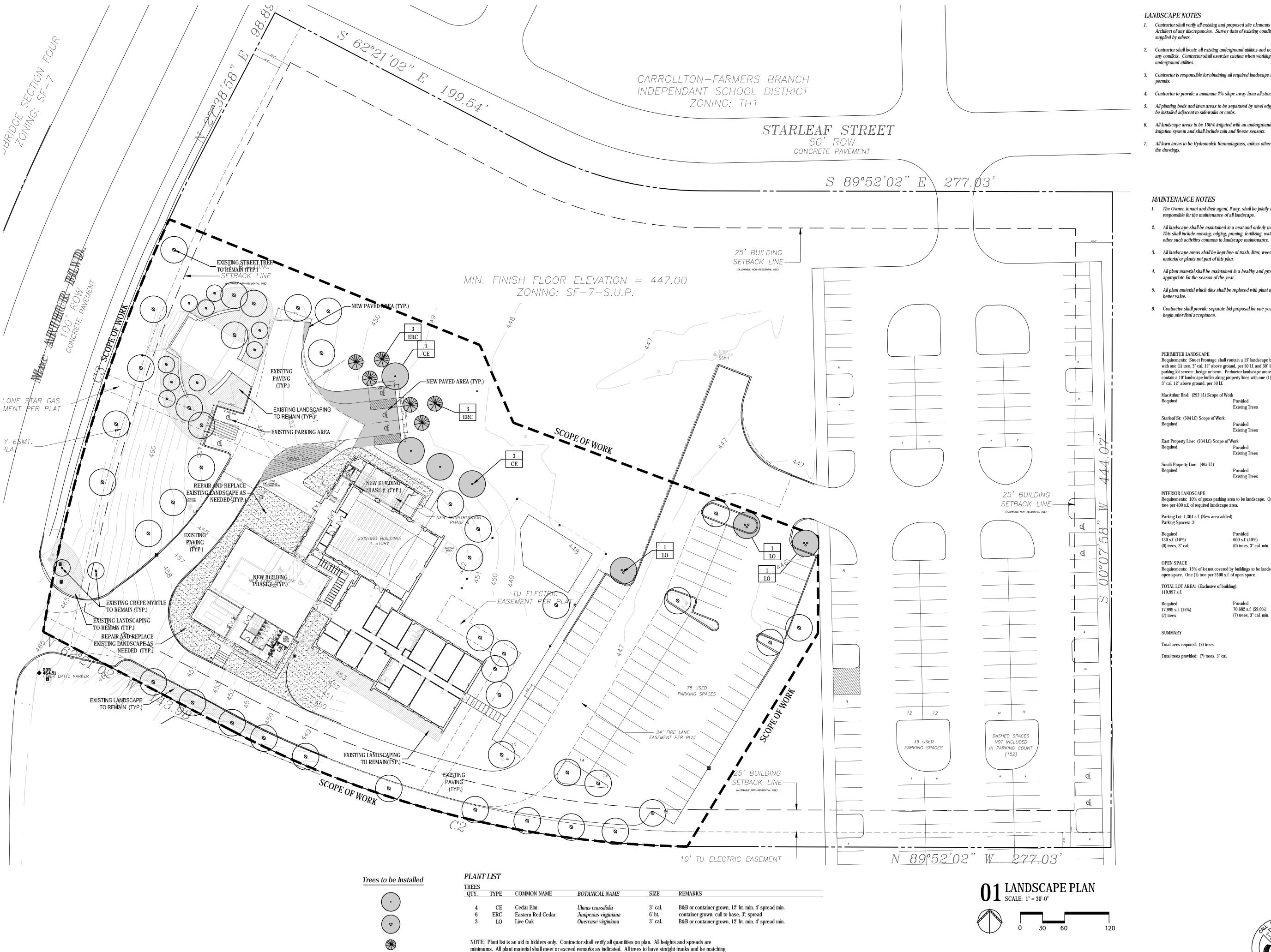
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214.670.0050

FROM THE ARCHITECT.

ONG YEN ONG

800 JACKSON STREET | SUITE 500



within varieties.

- Contractor shall verify all existing and proposed site elements and notify Architect of any discrepancies. Survey data of existing conditions was
- 2. Contractor shall locate all existing underground utilities and notify Architect of any conflicts. Contractor shall exercise caution when working in the vicinity of
- 3. Contractor is responsible for obtaining all required landscape and irrigation
- 4. Contractor to provide a minimum 2% slope away from all structures.
- All planting beds and lawn areas to be separated by steel edging. No steel to
- 6. All landscape areas to be 100% irrigated with an underground automatic
- 7. All lawn areas to be Hydromulch Bermudagrass, unless otherwise noted on
- 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
- 3. All landscape areas shall be kept free of trash, litter, weeds and other such
- 4. All plant material shall be maintained in a healthy and growing condition as is
- 5. All plant material which dies shall be replaced with plant material of equal or
- 6. Contractor shall provide separate bid proposal for one year's maintenance to

#### PERIMETER LANDSCAPE Requirements: Street Frontage shall contain a 15' landscape buffer with one (1) tree, 3" cal. 12" above ground, per 50 l.f. and 30" ht. parking lot screen: hedge or berm. Perimeter landscape areas shall contain a 10' landscape buffer along property lines with one (1) tree,

MacArthur Blvd: (292 l.f.) Scope of Work

Existing Trees

Existing Trees

East Property Line: (234 l.f.) Scope of Work

Requirements: 10% of gross parking area to be landscape. One (1)

600 s.f. (40%)

Provided

70,682 s.f. (59.0%)

(0) trees, 3" cal. min.

Parking Lot: 1,304 s.f. (New area added)

Requirements: 15% of lot not covered by buildings to be landscape open space. One (1) tree per 2500 s.f. of open space. TOTAL LOT AREA: (Exclusive of building):

(7) trees, 3" cal. min.

**CORPORATION OF THE EPISCOPAL DIOCESE OF DALLAS ADDITION** 

Exhibit

BEING A SEVEN ACRE TRACT DF LAND IN THE JAMES PARRISH SURVEY, ABSTRACT ND. 1139 AND THE S.A. & M.G.R.R. SURVEY ABSTRACT ND. 1442

**CHURCH OF THE** 

**APOSTLES ADDITION** 

LOT 1, BLOCK A,

### PROJECT ADDRESS 322 MACARTHUR BLVD. COPPELL, TEXAS 75019

REV.	DATE	ISSUE
-	12.21.16	SITE PLAN SUBMITTAL
1	01.05.07	DRC COMMENTS
2	01.10.07	P AND Z

PROJECT NUMBER

130053

LANDSCAPE PLAN



2. If any root structure is damaged during adjacent excavation/construction, notify the Architect 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

5. Material Storage: No materials intended for use in construction or waste

materials accumulated due to excavation or demolition shall be placed within

the limits of the dripline of any tree. 6. Equipment Cleaning/Liquid Disposal: No equipment may be cleaned, toxic solutions, or other liquid chemicals shall be deposited within the limits of the dripline of a tree. This would include but not be limited to paint, oil, solvents,

7. Tree Attachments: No signs, wires or other attachments, other than those of a protective nature shall be attached to any tree.

Vehicular Traffic: No vehicular and construction equipment traffic or parking is allowed within the limits of the dripline of trees.

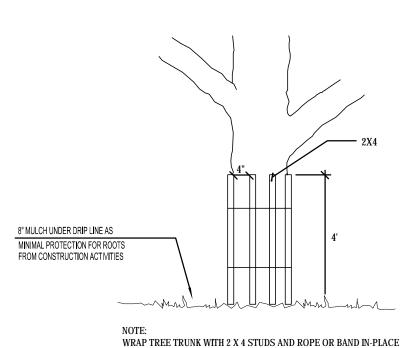
9. Boring of Utilities: May be permitted under protected trees in certain circumstances. The minimum length of the bore shall be the width of the tree's canopy and shall be a minimum depth of forty-eight (48") inches. 10. Trenching: Any irrigation trenching which must be done within the critical root zone of a tree shall be dug by hand and enter the area in a radial

11. Tree Flagging: 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 Landscape Architect prior to any tree removal. Contractor shall contact

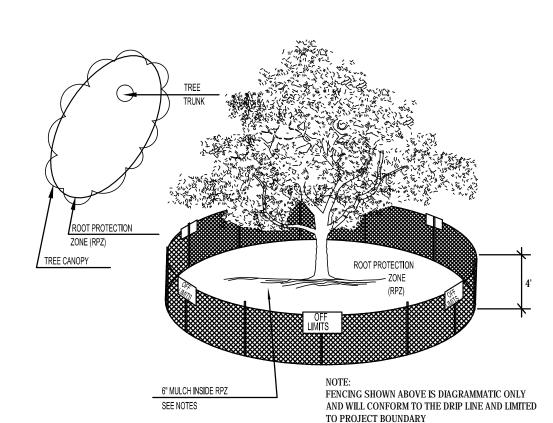
Landscape Architect with 72 hour notice to schedule on-site meeting. 12. Protective Fencing: All trees to remain, as noted on drawings, shall have protective fencing located at the tree's dripline. The protective fencing may be comprised of snow fencing, orange vinyl construction fencing, chain link fence or other similar fencing with a four (4') foot approximate height. The protective fencing will be located as indicated on the Tree Protection

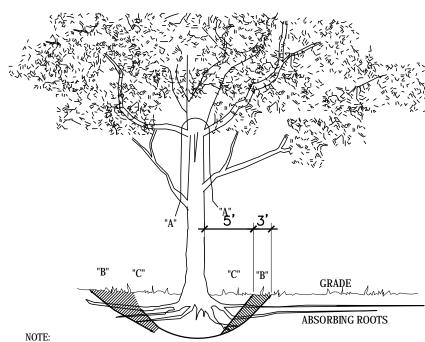
13. Bark Protection: In situations where a tree remains in the immediate area of intended construction, the tree shall be protected by enclosing the entire circumference of the tree's trunk with lumber encircled with wire or other means that does not damage the tree. Refer to Tree Protection Detail(s).

14. Construction Pruning: In a case where a low hanging limb is broken during the course of construction, the Contractor shall notify the Landscape Architect immediately. In no instance shall the Contractor prune any portion of the damaged tree without the prior approval by the Landscape Architect.



AS NEEDED TO PROTECT TREES IN WORK AREAS

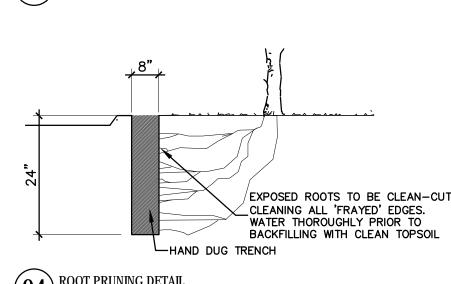




A" REMOVE BULKY TREE PARTS "SHRED" AND/OR HAUL SEPARATELY. "B" BEGIN EXCAVATION APPROX. 8' FROM THE TRUNK - CUT THRU ANCHOR ROOTS AT AN ANGLE - 3' TO 4' DEEP "C" USING TREE TRUNK AS A LEVER PUSH AT POINT "E" TO REMOVE TREE BOLE AND LARGE FEEDER ROOTS (4" TO 10" IN DIAM.)

"D" BACKFILL HOLE AND CLEAN UP.

TREE REMOVAL DIAGRAM



SHRUBS AND GROUNDCOVER

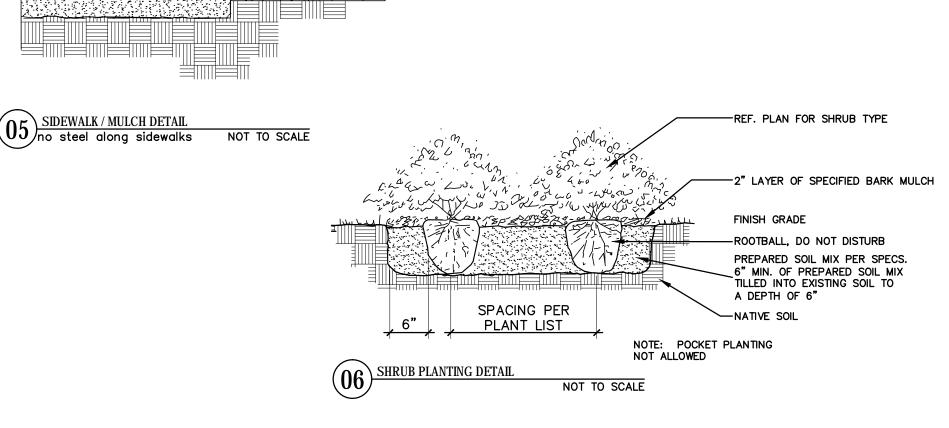
PREPARED SOIL MIX

-SIDEWALK

PER SPECIFICATIONS

REFER TO PLANS FOR PLANT TYPES

1/2" MINIMUM BETWEEN TOP OF MULCH



SECTION 02900 - LANDSCAPE

PART1 - GENERAL

1.1 REFERENCED DOCUMENTS

Refer to bidding requirements, special provisions, and schedules for additional requirements. 1.2 DESCRIPTION OF WORK

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:

> Planting (trees, shrubs, and grass) Bed preparation and fertilization

Notification of sources . Water and Maintenance until final acceptance Guarantee

REFERENCE STANDARDS

American Standard for Nursery Stock published by American Association of Nurserymen 27 October 1980, Edition; by American National Standards Institute, Inc. (Z60.1) - plant

American Joint Committee on Horticultural Nomenclature: 1942 Edition of Standardized

Texas Association of Nurserymen, Grades and Standards.

Hortis Third, 1976 - Cornell University

NOTIFICATION OF SOURCES AND SUBMITTALS

The Contractor shall, within ten (10) days following acceptance of bid, notify the Architect/Owner of the sources of plant materials and bed preparation required for the

Samples: Provide representative quantities of sandy loam soil, mulch, bed mix material, gravel, and crushed stone. Samples shall be approved by Architect before use on

Product Data: Submit complete product data and specifications on all other specified

Submit three representative samples of each variety of ornamental trees, shrubs, and groundcover plants for Architect's approval. When approved, tag, install, and maintain as epresentative samples for final installed plant materials.

File Certificates of Inspection of plant material by state, county, and federal authorities with Architect, if required

Soil Analysis: Provide sandy loam soil analysis if requested by the Architect.

1. Deliver packaged materials in sealed containers showing weight, analysis and name of manufacturer. Protect materials from deterioration during delivery and while stored

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 Architect of delivery schedule 72 hours in advance so plant material may be observed upon arrival at job site. Remove rejected plant material immediately from 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

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 Architect and his decision as to their acceptability shall be final

Quantities: The drawings and specifications are complimentary. Anything called for on one and not the other is as binding as if shown and called for on both. The plant schedule is an aid to bidders only. Confirm all quantities on plan.

Quality and size: Plant materials shall conform to the size given on the plan, and shall be nealthy, symmetrical, well-shaped, full branched, and well rooted. The plants shall be free from injurious insects, diseases, injuries to the bark or roots, broken branches, objectionable disfigurements, insect eggs and larvae and are to be of specimen quality.

Approval: All plant materials shall be subject to the approval of the Owner. All plants which are found unsuitable in growth, or in any unhealthy, badly shaped, or undersize condition, will be rejected by the Landscape Architect, either before or after planting, and shall be removed at the expense of the Landscape Contractor and replaced with acceptable plants as specified.

Trees shall be healthy, full-branched, well-shaped and shall meet the trunk diameter and height 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 broken ball at time of planting will be rejected. Balls shall be ten (10") inched in diameter for each one (1") inch of trunk diameter, Measured six (6") inched above ball. Nomenclature conforms to the customary nursery usage: for clarification, the term "multi-trunk" defines a plant having three (3) or more trunks of nearly equal diameter

Pruning: All pruning of trees and shrubs, as directed by the Landscape Architect, shall be executed by the Landscape Contractor at no additional cost to the Owner.

Shrub and tree pits shall be no less than two (2") feet, twenty-four (24") inches, wider than the lateral dimension of earth ball and six (6") inches deeper than it's vertical dimension Remove and haul from site all rocks and stones over one (1") inch in diameter. Plants should be thoroughly moist before removing containers.

the surface of the ground. The sides of the hole should be rough and jagged, never slick

Dig a wide, rough sided hole exactly the same depth as the height of the ball, especially at

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. 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 1/3 of the ball as well as all nylon, plastic string and wire mesh. Container trees will usually be pot bound, if so follow standard nursery practice of 'root scoring'.

J. Do not wrap trees.

K. Do not over prune. 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.

All plant beds and trees to be mulched with a minimum settled thickness of two (2") inches over the entire bed or pit.

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

Trees and large shrubs shall be staked as site conditions require. Position stakes to secure tree against seasonal prevailing winds

Pruning and Mulching: Pruning shall be directed by the Architect and shall be pruned in accordance with standard horticultural practice following Fine Pruning, Class I pruning standards provided by National Arborist Association. 4" DIA. PERFORATED

1. Dead wood or suckers and broken badly bruised branches shall be removed. General tipping of the branched is not permitted. Do not cut terminal branches. Pruning shall be done with clean, sharp tools. Immediately after planting operations are completed, all tree pits shall be covered with a layer of organic material two (2") inches in depth. This limit of the organic material 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. All steel curbing shall be free of kinks and abrupt bends. Top of curbing shall be 3/4" maximum height above grade. Stakes are to be installed on the planting bed side of the curbing, as opposed to the

Do not install steel edging along sidewalks. 3. Cut steel edging at 45 degree angle where edging meets sidewalk. 3.3 CLEANUP AND ACCEPTANCE

Cleanup: During the work, the premises shall be kept neat and orderly at all times. Storage areas for all materials shall be so organized 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 at end of each days work. END OF SECTION

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 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 finish grade of sidewalks, drives, and curbs. All construction debris shall be removed prior to Landscape Contractor beginning any work.

B. General Contractor shall provide topsoil as described in Section 02200 - Earthwork.

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 will 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 a healthy growth and satisfactory foliage conditions.

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 Owner and Landscape Contractor will be completed prior to written acceptance. After final acceptance of installation, the Landscape Contractor will not be required to do any of the above listed work.

Guarantee:

1. Trees shall be guaranteed for a twelve (12) month period after acceptance. Shrubs and groundcover shall be guaranteed for twelve (12) months. 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 has been damaged, shall be considered subject to replacement. In such

cases, the opinion of the Owner shall be final. 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

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 reinspected for full compliance with Contract requirements. All replacements are to be included under "Work" of this section

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 Physical properties as follows: Clay - between 7-27 percent Silt - between 15-25 percent

Sand - less than 52 percent Organic matter shall be 3%-10% of total dry weight. If requested, provide a certified soil analysis conducted by an approved soil testing laboratory verifying that sandy loam meets the above requirements.

Organic Material: Compost with a mixture of 80% vegetative matter and 20% animal waste. Ingredients should be a mix of course and fine textured material.

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.

Sharp Sand: Sharp sand must be free of seeds, soil particles and weeds.

Mulch: Double Shredded Hardwood Mulch, partially decomposed, dark brown. Living Earth Technologies or approved equal. 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. 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% sulphur and 4% iron, Peat: Commercial sphagnum peat moss or partially decomposed shredded pine bark or

MISCELLANEOUS MATERIALS

other approved organic material.

A. Steel Edging: Shall be Ryerson "Estate Curbing", 1/8" x 4" with stakes 4' on center.

B. Staking Material for Shade Trees: Post: Studded T-Post, #1 Armco with anchor plate; 6'-0" length; paint green. Wire: 12 gauge, single strand, galvanized wire. Rubber hose: 2 ply, fiber reinforced hose, minimum 1/2 inch inside diameter. Color:

Gravel: Washed native pea gravel, graded 1 in. to 1-1/2 in.

OF ROOTBALL

NOT TO SCALE

Filter Fabric: Mirafi 140N by Celanese Fibers Marketing Company, available at Loftland Co., (214) 631-5250 or approved equal.

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

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

4. Acceptance for all landscape work shall be given after final inspection by the Owner provided the job is in a completed, undamaged condition, and there is a stand of grass in all lawn areas. At this time, the Owner will assume maintenance on the

Repairs: Any necessary repairs under the Guarantee must be made within ten (10) days after receiving notice, weather permitting, and 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 of the Landscape

1.7 QUALITY ASSURANCE

General: Comply with applicable Federal, State, County and Local regulations governing landscape materials and work

Personnel: Employ only experienced personnel who are familiar with the required work. Provide full time supervision by a qualified foreman acceptable to Landscape Architect

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 insure the purchased materials will meet and/or exceed project specifications. 2. Landscape Architect will provide a key identifying each tree location on site. Written verification will be required to document material selection, source and delivery

3. Owner and/or Architect shall inspect all plant materials when reasonable at place of growth for compliance with requirements for genus, species, cultivar/variety, size and

4. Owner and/or Architect retains the right to further inspect all plant material upon arrival at the site and during installation for size and condition of root balls, limbs, oranching habit, insects, injuries, and latent defects.

5. Owner and/or Architect may reject unsatisfactory or defective material at any time during the process of work. Remove rejected materials from the site immediately. Plants damaged in transit or at job site shall be rejected.

1.8 PRODUCT DELIVERY, STORAGE AND HANDLING

schedules to site.

A. Preparation:

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.

1. Balled and Burlapped (B&B) Plants: Dig and prepare shipment in a manner that will

PART 3 - EXECUTION

3.1 BED PREPARATION & FERTILIZATION

Landscape Contractor to inspect all existing conditions and report any deficiencies to the

B. All planting areas shall be conditioned as follows:

1. Prepare new planting beds by scraping away existing grass and weeds as necessary. Till existing soil to a depth of six (6") inches prior to placing compost and fertilizer. Apply fertilizer as per manufacturers 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. 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. Areas to be Solid Sod Bermudagrass: 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. 2. Areas to be Hydromulch Common Bermudagrass: Hydromulch with bermudagrass seed at a rate of two (2) pounds per one thousand (1,000) square feet. Use a 4' x 8' batter board against the bed areas.

-DO NOT CUT CENTRAL LEADER

STRANDS NO. 12 GAUGE

-2" LAYER MULCH, REF. SPECIFICATIONS

GALVANIZED WIRE, TWISTED

-2" HIGH WATERING RING

(3) METAL T-POST PAINTED

GREEN TRIANGULAR SPACING.

-FINISH GRADE SCARIFY SIDES

ROOTBALL, DO NOT DISTURB. TOP

-NATIVE SOIL, REF. SPECIFICATIONS

NOTE: LOCATE STAKES OUTSIDE

OF TREE WELL. POSITION STAKES TO SECURE TREE AGAINST SEASONAL

-CRUSHED ROCK

PREVAILING WINDS.

-OF ROOTBALL TO BE SET 1" ABOVE

EXISTING GRADE. REMOVE TOP 1/3 BURLAP.

-RUBBER HOSE

-REFERENCE PLAN FOR TREE TYPE

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 Plant materials shall be delivered to the site only after the beds are prepared and area 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 sun. 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.

Position the trees and shrubs in their intended location as per plan.

Notify the Landscape Architect for inspection and approval of all positioning of plant

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





**CONTACT: ERIC BARTLETT** DRAWINGS AND SPECIFICATIONS AS INSTRUMENTS OF SERVICE ARE THE PROPERTY OF THE ARCHITECT. THEY SHALL NOT BE USED. TRANSFERRED. OR SOLD FOR USE EXCEPT BY AN AGREEMENT IN WRITING FROM THE ARCHITECT. ONG YEN ONG 18104

**5G STUDIO COLLABORATIVE** 

DALLAS, TEXAS 75202

214.670.0050

800 JACKSON STREET | SUITE 500

DEVELOPER CHURCH OF THE APOSTLES

SEAL

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MEP ENGINEER MEP SYSTEMS DESIGN AND ENGINEERING 918 DRAGON STREET **DALLAS, TX 75207** 214.915.0929

**CONTACT: MARK PORTNOY** 

PROJECT **CHURCH OF THE APOSTLES ADDITION** 

LOT 1, BLOCK A, **CORPORATION OF THE EPISCOPAL DIOCESE OF** DALLAS ADDITION

BEING A SEVEN ACRE TRACT OF LAND

IN THE JAMES PARRISH SURVEY, ABSTRACT ND. 1139 AND THE S.A. & M.G.R.R. SURVEY ABSTRACT ND. 1442 PROJECT ADDRESS 322 MACARTHUR BLVD.

**COPPELL, TEXAS 75019** 

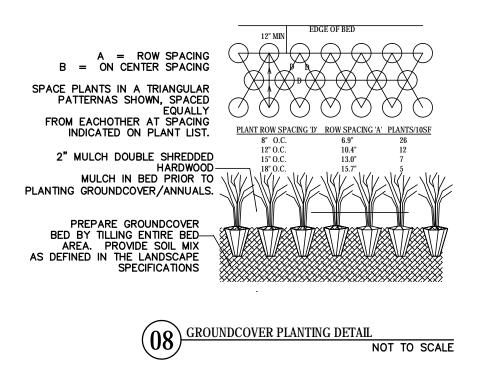
REV. DATE ISSUE 12.2116 | SITE PLAN SUBMITTAL 01.05.07 DRC COMMENTS 01.10.07 | PAND Z

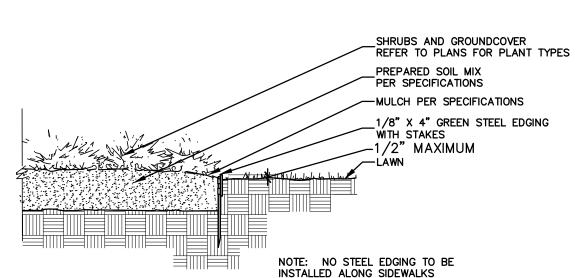
> PROJECT NUMBER LANDSCAPE

130053

**SPECIFICATION** 

SHEET NUMBER





NOT TO SCALE



Exhibit

# EXISTING TREE LEGEND

EXISTING TREE TO REMAIN



EXISTING TREE TO BE REMOVED

## TREE LIST

IKEE	LIST			
1	Multi-trunk Live Oak	18"	Protected	Saved
2	Multi-trunk Live Oak	18"	Protected	Saved
3	Single trunk Live Oak	24"	Protected	Saved
4	Single trunk Live Oak	14"	Protected	Saved
5	Multi-trunk Live Oak	18"	Protected	Saved
6	Single trunk Pistashe	8"	Protected	Saved
7	Single trunk Pistache	10"	Protected	Saved
8	Single trunk Pistache	8"	Protected	Saved
9	Single trunk Red Oak	6"	Protected	Saved
10	Single trunk Red Oak	8"	Protected	Saved
11	Single trunk R Maple	10"	Protected	Saved
12	Single trunk Red Oak	8"	Protected	Saved
13	Single trunk Elm	10"	Protected	Saved
14	Single trunk Elm	12"	Protected	Saved
15	Single trunk Elm	12"	Protected	Saved
16	Single trunk Elm	8"	Protected	Saved
17	Single trunk Elm	8"	Protected	Remove
18	Single trunk Live Oak	14"	Protected	Remove
19	Single trunk Pistache	12"	Protected	Remove
20	Single trunk Pistache	14"	Protected	Remove
21	Single trunk Red Oak	12"	Protected	Remove
22	Single trunk Red Oak	10"	Protected	Saved
23	Single trunk Red Oak	10"	Protected	Saved
24	Single trunk Live Oak	12"	Protected	Saved
25	Multi-trunk Live Oak	10"	Protected	Saved
26	Single trunk Red Oak	6"	Protected	Saved
27	Single trunk Red Oak	14"	Protected	Saved
28	Multi-trunk Live Oak	16"	Protected	Saved
29	Single trunk Live Oak	12"	Protected	Saved
30	Single trunk Live Oak	8"	Protected	Saved
31	Single trunk Cypress	12"	Protected	Saved
32	Single trunk Red Oak	10"	Protected	Saved
33	Single trunk Red Oak	10"	Protected	Saved
34	Single trunk Red Oak	12"	Protected	Saved
35	Multi-trunk Red Oak	6"	Protected	Saved
36	Single trunk Red Oak	8"	Protected	Saved
37	Single trunk Red Oak	6"	Protected	Saved
38	Single trunk Red Oak	8"	Protected	Saved
39	Multi-trunk Red Oak	6"	Protected	Saved
40	Single trunk Live Oak	10"	Protected	Saved
41	Single trunk Live Oak	8"	Protected	Saved
42	Single trunk Live Oak	10"	Protected	Saved
43	Single trunk Live Oak	18"	Protected	Saved
44	Single trunk Elm	12"	Protected	Saved
45	Single trunk Elm	10"	Protected	Saved
46	Single trunk Elm	8"	Protected	Saved
47	Single trunk Elm	10"	Protected	Saved

### TREE TABULATIONS Total caliper inches of trees on site

Total caliper inches of protected trees removed (6" cal. and greater)		
Total caliper inches of unprotected trees removed (Unprotected trees less than 10")	- 0"	
Total caliper inches of trees saved (6" and greater)	+ 454"	
Preservation credit .883		
Required retribution		
Total caliper inches of trees provided (refer to landscape plan)		
Total caliper inches of trees provided applied towards landscape credit	+10	

(up to one half of retribution)

Total caliper inches of trees required for retribution



130053

PROJECT NUMBER TREE RETRIBUTION

**PLAN** 

L0.01 SHEE<u>T NUMBER</u>

ARCHITECT

DEVELOPER

CVIL ENGINEER

LANDSCAPE ARCHITECT

STRUCTURAL ENGINEER

MEP ENGINEER

PROJECT

MK ENGINEERS AND ASSOCIATES, INC 400 CHISOLM PLACE, SUITE 106 PLANO, TX 75075

CONTACT: MOHAMMAD KABIR

MEP SYSTEMS DESIGN AND

CONTACT: MARK PORTNOY

**CHURCH OF THE** 

**APOSTLES ADDITION** 

LOT 1, BLOCK A, CORPORATION OF THE

**EPISCOPAL DIOCESE OF DALLAS ADDITION** 

BEING A SEVEN ACRE TRACT DF LAND IN THE JAMES PARRISH SURVEY, ABSTRACT ND. 1139 AND THE S.A. & M.G.R.R. SURVEY ABSTRACT ND. 1442

12.21.16 SITE PLAN SUBMITTAL

322 MACARTHUR BLVD.

COPPELL, TEXAS 75019

1 01.05.07 DRC COMMENTS 01.10.07 P AND Z

REV. DATE ISSUE

PROJECT ADDRESS

5G STUDIO COLLABORATIVE 800 JACKSON STREET | SUITE 500 DALLAS, TEXAS 75202

214.670.0050 CONTACT: ERIC BARTLETT

ONG YEN ONG 18104

DRAWINGS AND SPECIFICATIONS AS

CHURCH OF THE APOSTLES 332 MACARTHUR BLVD.

COPPELL, TX 75019 214.502.2199

CONTACT: LEE CARROLL

RLK ENGINEERING, INC. 111 WEST MAIN STREET ALLEN, TEXAS 75013

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