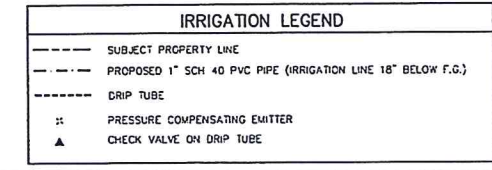
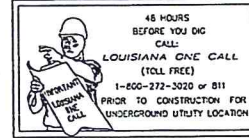
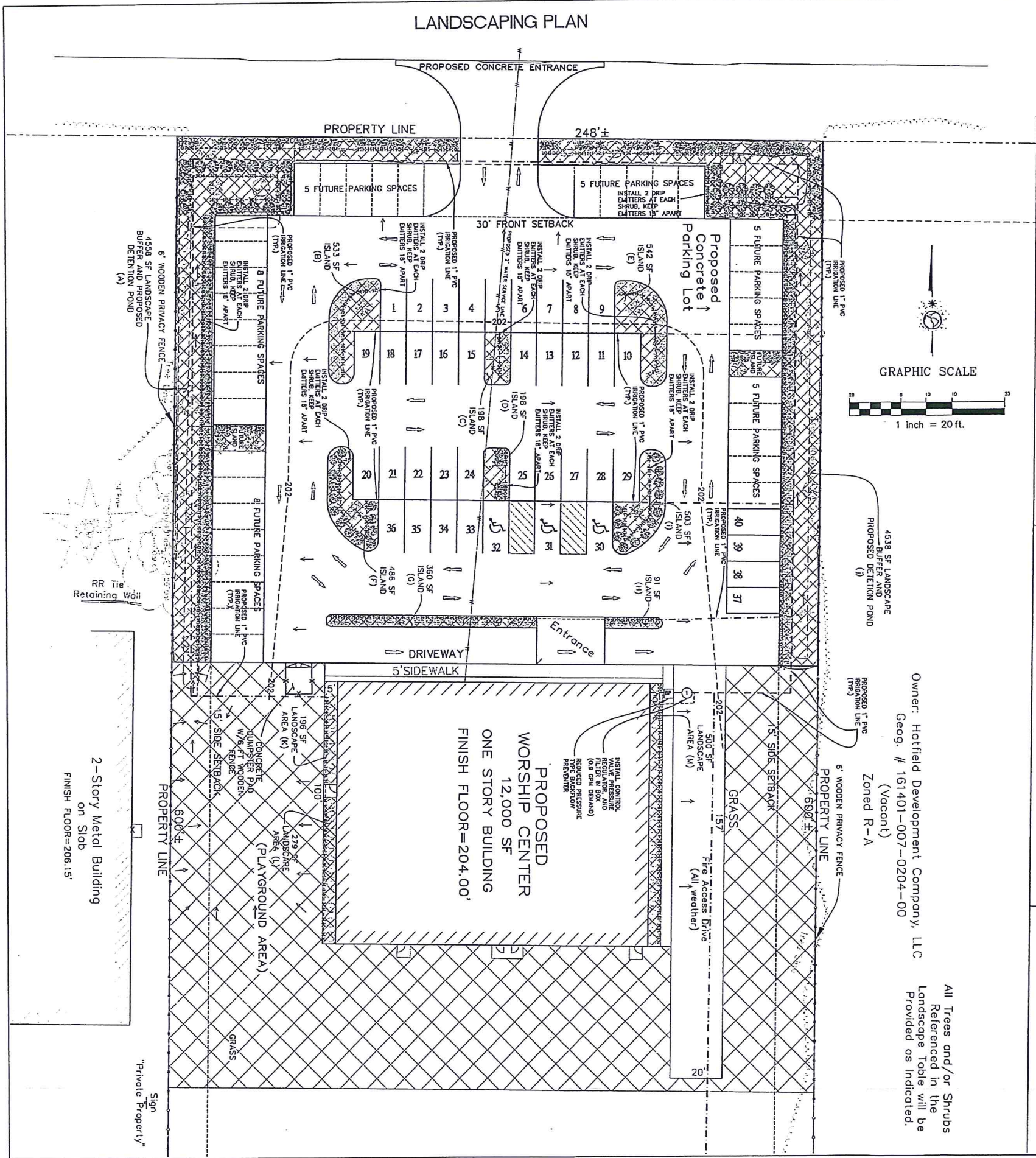
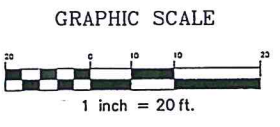
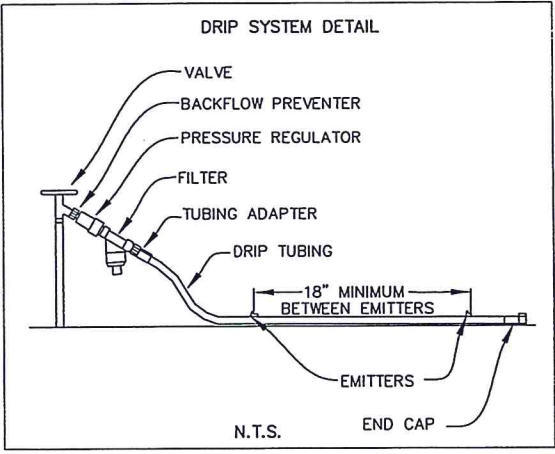


LANDSCAPING PLAN



PROPOSED LANDSCAPING AREAS

AREA NAME	PARKING AREA	DESCRIPTION	OTHER AREAS
A		PROPERTY LINE BUFFER	4353
B	533	INTERNAL ISLAND	
C	198	INTERNAL ISLAND	
D	198	INTERNAL ISLAND	
E	542	INTERNAL ISLAND	
F	486	INTERNAL ISLAND	
G	360	INTERNAL ISLAND	
H	91	INTERNAL ISLAND	
I	503	INTERNAL ISLAND	
J		PROPERTY LINE BUFFER	4338
K		ALONG BUILDING	196
L		ALONG BUILDING	279
M		ALONG BUILDING	500
TOTAL	2911		9666



PLANTING SCHEDULE

TREES

Qty	Symbol	Scientific Name	Common Name	Size Required
3	(Symbol)	Ulmus americana	Elm, American	7-Gal., 5' Min. Ht.
5	(Symbol)	Lagerstroemia indica	Crepe Myrtle	7-Gal., 5' Min. Ht.
8	Total	Small Trees		
5	(Symbol)	Crataegus opaca	Hawthorn, Mayhaw	7-Gal., 5' Min. Ht.
4	(Symbol)	Taxodium distichum	Cypress, Bald	7-Gal., 5' Min. Ht.
4	(Symbol)	Celtis occidentalis	Hickory, Black	7-Gal., 5' Min. Ht.
4	(Symbol)	Carya texana	Hickory, Black	7-Gal., 5' Min. Ht.
4	(Symbol)	Magnolia grandiflora	Magnolia, Southern	7-Gal., 5' Min. Ht.
21	Total	Large Trees		

SHRUBS AND GROUND COVER

Qty	Symbol	Scientific Name	Common Name	Size Required
38	(Symbol)	Hydrangea macrophylla	Garden Hydrangea	3-Gal., 18" Min. Ht.
57	(Symbol)	Ternstroemia gymnanthera	Cleyera	3-Gal., 18" Min. Ht.
37	(Symbol)	Buxus sempervirens	Boxwood	3-Gal., 18" Min. Ht.
43	(Symbol)	Ilex opaca	Holly, American	3-Gal., 18" Min. Ht.
26	(Symbol)	Hibiscus syriacus	Althea	3-Gal., 18" Min. Ht.
57	(Symbol)	Phloxia fraseri	Red Leaf Photinia	3-Gal., 18" Min. Ht.
23	(Symbol)	Ligustrum spp.	Privet	3-Gal., 18" Min. Ht.
37	(Symbol)	Elaeagnus pungens	Elaeagnus, Thorny	3-Gal., 18" Min. Ht.
As needed	(Symbol)	Cynodon dactylon '419'	Class 'A' 419 Bermuda Sod	SF, Squares/Rolls
2604± SF	(Symbol)	N/A	Pine Straw Mulch	SF
0.50± Ac.	(Symbol)	DISTURBED AREAS	Bermuda Seed or Equal	Acre

** Note: For Planting Installation, See Landscaping Plans, Sheets 1-3.

Landscaping Notes:

- Large species trees shall be planted in the required landscaped area containing one two-inch caliper tree per 30 linear feet along the front property line(s).
- Existing trees, determined by a landscape architect licensed in the State of Louisiana to be in good health, of three-inch caliper or more within the required landscape area, but not located within a utility easement, may be retained as two required street trees; provided that grading and/or pavement does not encroach into the critical root zone of the preserved tree(s).
- Tree protection fencing shall be required for all preserved trees during construction.
- Required Internal Landscape area = 25 sf/parking space.
- All parking lots shall be screened from the public right-of-way with a continuous hedge row.
- Parking lots shall contain one two-inch caliper shade tree located within a tree island for every 12 parking spaces (2 required, 3 provided).
- Tree islands shall have a minimum width of eight feet and a minimum area of 150 square feet.
- The maximum allowed grouping of street trees may be up to 25 percent of the required number of street trees.
- All landscaped areas shall be protected from vehicular encroachment by concrete curbs, wheel stops, or other permanent barriers, and should be raised.

Owner: Hatfield Development Company, LLC
 Geog: # 161401-007-0204-00
 (Vacant)
 Zoned R-A

All Trees and/or Shrubs Referenced in the Landscape Table will be Provided as Indicated.

LANDSCAPING PLAN
 IGLESIA DE DIOS OAKMONT
 337 MT. ZION ROAD, SHREVEPORT, LOUISIANA

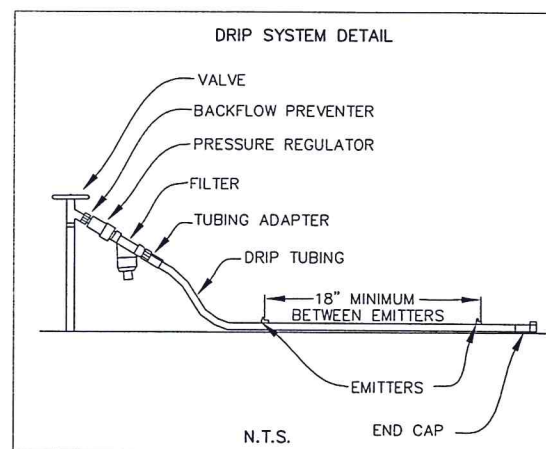
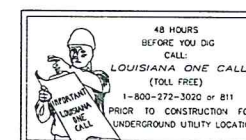
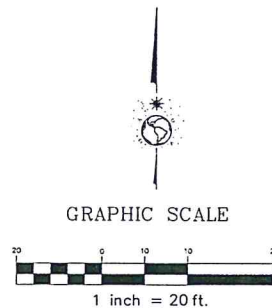
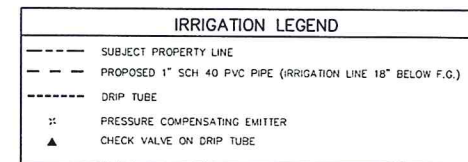
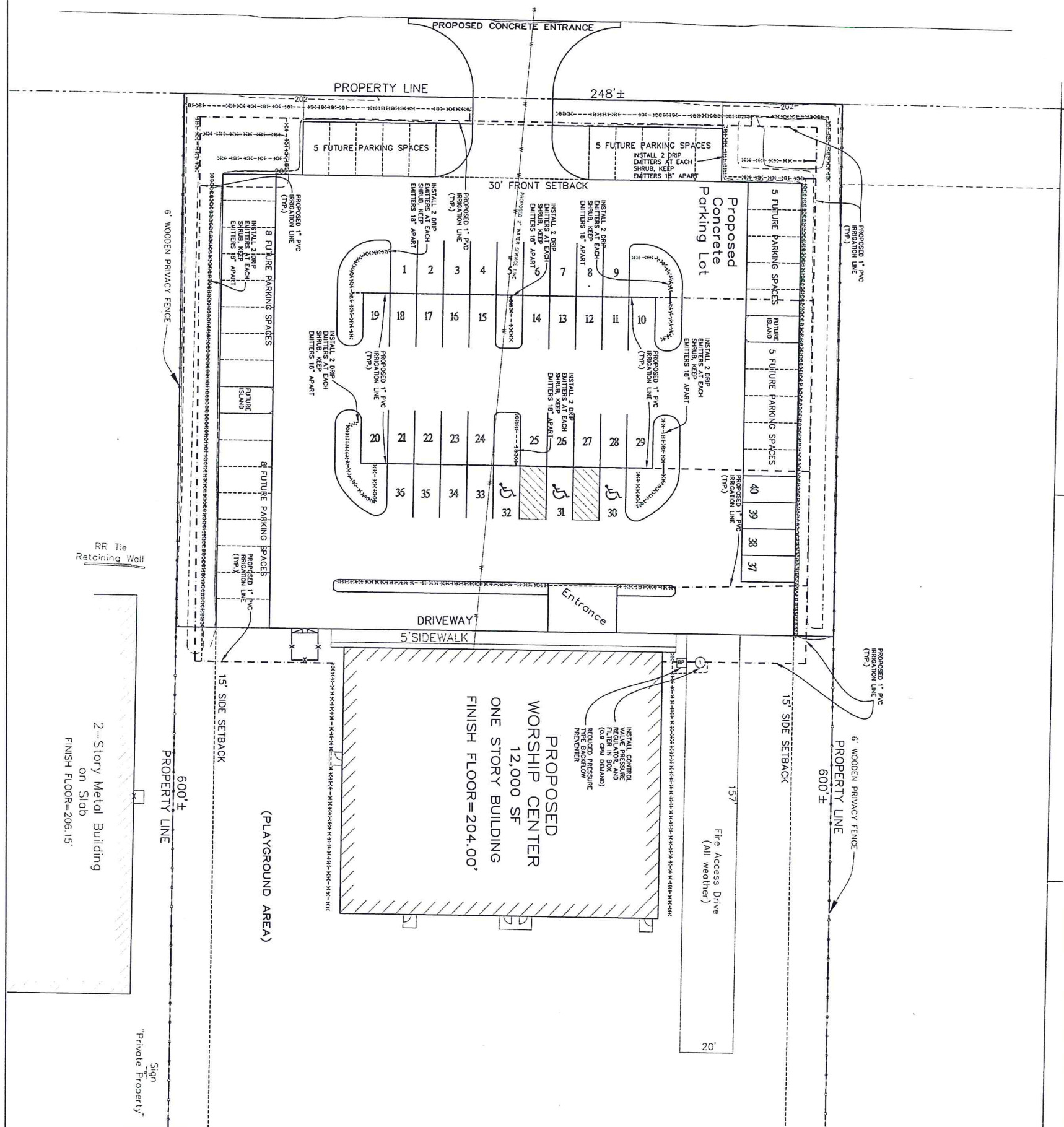
POLARIS SERVICES LLC
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 3602 NORTH MARKET STREET
 SHREVEPORT, LOUISIANA 71107
 (PHONE) 318-673-9985 (FAX) 318-673-9985

EXECUTIVE DIRECTOR APPROVAL

Date: 6/24/18 By: [Signature]

revisions	
no. date:	
job no. 2867	
drawing name:	2867SitePlan
scale:	as shown
date:	6-21-2018
drawn by:	TRB
checked by:	RBN
SHEET	1
	3 SHEETS

AUTOMATIC IRRIGATION SYSTEM PLAN



**EXECUTIVE
DIRECTOR
APPROVAL**

Date 6/22/18 By [Signature]

**LANDSCAPING PLAN
AUTOMATIC IRRIGATION SYSTEM PLAN
IGLESIA DE DIOS OAKMONT
337 MT. ZION ROAD, SHREVEPORT, LOUISIANA**



**POLARIS
SURVEYORS LLC**
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revisions no.	date:

job no. 2867
drawing name :
2867SitePlan
scale : as shown
date: 6-21-2018
drawn by: TRB
checked by: RBN

1.1 GENERAL

A. Submittals: In addition to product certificates, submit the following where applicable:

1. Certification of grass seed/sod from seed/sod vendor for each seed mixture, or for sod.
2. List of plant suppliers and anticipated delivery dates.
3. Provide sample or product data of planting mix, topsoil, fertilizers, pre-emergent and mulch or any other amendment required for project.

B. Quality Assurance: Provide trees, shrubs, ground covers, and plants of quality, size, genus, species, and variety indicated, complying with applicable requirements of ANSI Z60.1 "American Standard for Nursery Stock." Materials that do not meet the above mentioned requirements may be rejected.

C. Special Warranty: Warranty trees, shrubs and ground covers for a period of one year after date of Substantial Completion, against defects including death and unsatisfactory growth, except for defects resulting from lack of adequate maintenance, neglect, or abuse by Owner, abnormal weather conditions unusual for warranty period, or incidents which are beyond Contractor's control.

1. Remove and replace any unhealthy and dead trees and shrubs within the warranty period.

D. Maintain and establish lawns by watering, fertilizing, weeding, mowing, trimming, replanting, and other operations to produce a uniformly smooth lawn for not less than the following:

1. Sodded Lawns: 30 days after date of Substantial Completion.

1.2 PRODUCTS

A. Trees and Shrubs: Well-shaped, fully branched, healthy, vigorous nursery-grown stock of sizes and grades indicated, free of disease, insects, eggs, larvae, and defects, conforming to ANSI Z60.1.

1. Provide balled and burlapped trees and shrubs (as per plan), or
2. Provide container grown trees and shrubs (as per plan).

B. Ground Covers and Plants: Established and well rooted in removable containers or integral peat pots and with not less than the minimum number and length of runners required by ANSI Z60.1 for the pot size indicated.

C. Sod: Certified turf-grass sod complying with ASPA specifications for machine-cut thickness, size, strength, moisture content, and mowed height, and free of weeds and undesirable native grasses. Provide viable sod of uniform density, color, and texture, strongly rooted, and capable of vigorous growth and development when planted.

1. Species: Provide sod of grass and species and varieties, proportions by weight, and minimum percentages of purity, germination, and maximum percentage of weed seed as per plan.

D. Planting mix: ASTM D 5268, pH range of 5.5 to 7.4 percent organic material minimum, free of stones 1 inch (25 mm) or larger in any dimension, and other extraneous materials harmful to plant growth.

1. Planting mix: Equal parts of sharp sand, peat moss and composted bark.

E. Lime: ASTM C 602, Class T, agricultural limestone. Add 1,000 - 2,000 lbs/acre as required according to soil sample.

F. Peat Humus: Finely divided or granular texture, with a pH range of 6 to 7.5 composed of partially decomposed moss peat (other than sphagnum), peat humus or reed-sedge peat.

G. Sawdust or Ground-Bark Humus: Decomposed, nitrogen-treated, of uniform texture, free of chips, stones, sticks, soil, or toxic materials.

H. Bone meal: Commercial, raw, finely ground; minimum of 4 percent nitrogen and 20 percent phosphoric acid. Regulate Ph as needed via soil sample.

I. Super phosphate: Commercial, phosphate mixture, soluble; minimum of 20 percent available phosphoric acid. Regulate Ph as needed via soil sample.

J. Lawn fertilizer: Once lawn is established, apply 1-1-1 commercial grade quick release fertilizer. Apply according to manufacturer's recommendations.

K. Planting bed fertilizer: Osmacote classic 13-13-13 8 to 9 month longevity or Sierra Tabs at planting. Apply in accordance to manufacturer's specifications.

L. Pre-emergent Herbicide: FreoHand, Barricade G, Pendulum 2G, or Snapshot. Apply according to manufacturer's recommendations for pre and post planting.

M. Organic Mulch: Organic mulch, free from deleterious materials and suitable as a top dressing, consisting of ground or shredded bark, wood or bark chips, or pine straw, or shredded hardwood.

N. River Rock: Clean river rock, free of trash, debris, uniform in size and color. Stone size to be 1"-2" stones and shall be in the tan, grey, and earth tone color family. Discard any stones not consistent with the majority of the supplied stone.

- a. Size Range: 2 inches (51 mm) maximum, 1 inch (26mm) minimum.

O. Steel Edging: ASTM A 569 (ASTM A 569M), standard painted commercial grade steel edging and accessories, fabricated in sections with loops stamped from or welded to face of sections approximately 30 inches (762 mm) apart to receive stakes. Cuts required to install edging to be sanded and painted to match factory finish.

- a. Edging Size Range: 3/16 inch (4.8 mm) wide by 4 inches (102 mm) deep.

1.3 EXECUTION

A. Planting Mix Preparation: Before mixing, clean topsoil of roots, plants, sods, Stones, clay lumps, and other extraneous materials harmful to plant growth. Mix soil amendments and fertilizers with topsoil at rates indicated.

B. Lawn Planting Preparation (Disturbed): Loosen subgrade to a minimum depth of 6 inches (150 mm). Remove stones larger than 1-1/2 inches (38 mm) in any dimension and sticks, roots, rubbish, and other extraneous materials.

1. Incorporate topsoil soil mixture into existing soil depth required to meet thickness, grades, and elevations shown, after light rolling and natural settlement. Do not spread if planting soil or subgrade is frozen.
2. Till surface soil to a depth of at least 6 inches (150 mm). Apply soil amendments and initial fertilizers and mix thoroughly into top 6 inches (150 mm) of soil. Trim high areas and fill depressions. Till soil to a homogenous mixture of fine texture.

C. Lawn Planting Preparation (Undisturbed): Where lawns are to be planted in areas unaltered or undisturbed by excavating, grading or surface soil stripping operations, remove and dispose of existing grass, vegetation, and turf.

1. Till surface soil to a depth of at least 6 inches (150 mm). Apply soil amendments and initial fertilizers and mix thoroughly into top 6 inches (150 mm) of soil. Trim high areas and fill in depressions. Till soil to a homogenous mixture of fine texture.

D. Moisture prepared lawn areas before planting when soil is dry and allow surface to dry before planting.

E. Ground Cover and Plant Bed Preparation: Loosen subgrade of planting bed areas to a minimum depth of 6 inches (150 mm). Remove stones larger 1-1/2 inches (38 mm) in any dimension and sticks, roots, rubbish, and other extraneous materials.

1. Spread planting soil mixture to depth required to meet thickness, grades, and elevation shown, after light rolling and natural settlement. Place approximately 1/2 the thickness of planting soil mixture required. Work into top of loosened subgrade to create a transition layer and then place remainder of planting soil mixture.

F. Excavation for Trees and Shrubs: Excavate pits with vertical sides and with bottom of excavation slightly raised at center to assist drainage. Excavate approximately 1-1/2 times as wide as ball diameter and deep enough to allow placing of root ball on a settling layer of planting soil. Loosen hard subsoil in bottom of excavation.

G. Planting Trees and Shrubs: Set stock plumb and in center of pit or trench with top of ball raised above adjacent finish grade.

1. Place a settling layer of compacted planting soil.
2. Cut burlap and wire baskets from tops of balls and partially from sides, but do remove from under balls. Do not use planting stock if ball is cracked or broken before or during planting operation.
3. Place backfill around ball in layers, tamping to settle backfill and eliminate voids and air pockets.
4. Dish and tamp top of backfill to form a 3-inch (75 mm) high mound around the rim of the pit. Do not cover top of root ball with backfill.

H. Tree and Shrub Pruning: Prune, thin, and shape trees and shrubs according to standard horticultural practice. Prune trees to retain required height and spread. Do not cut tree leaders; remove only injured or dead branches from flowering trees. Prune shrubs to retain natural character. Shrub sizes indicated are size after pruning.

I. Planting Ground Cover and Plants: Plant spacing according to plan, unless otherwise indicated. Dig holes large enough to allow spreading of roots, and backfill with planting soil. Work soil around roots to eliminate air pockets and leave a slight saucer indentation around plants to hold water. Water thoroughly after planting, taking care not to cover plant crowns with wet soil.

J. Planting Bed Fertilizer: Install per manufactures recommendations.

K. Pre-Emergent Herbicide: Install per manufactures recommendations.

L. Mulching: Completely cover area to be mulched. Apply mulch and finish level with adjacent finish grades. Do not place mulch against trunks or stems.

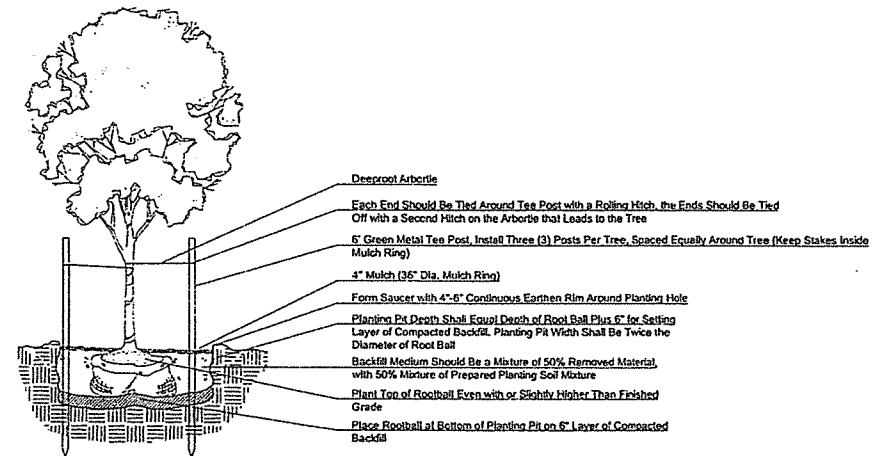
1. Mulch Type and Thickness: Cut pine straw (bags), 4 inches (100 mm) thick as indicated in all bed areas on drawings.

M. Sodding Lawns: Lay sod to form a solid mass with tightly fitted joints within 24 hours of stripping. Butt ends and sides of sod; do not stretch or overlap. Stagger sod strips or pads to offset joints in adjacent courses. Avoid damage to subgrade or sod during installation. Tamp and roll lightly to ensure contact with subgrade, eliminate air pockets, and form a smooth surface. Work sifted soil or fine sand into minor cracks between pieces of sod; remove excess to avoid smothering sod and adjacent grass.

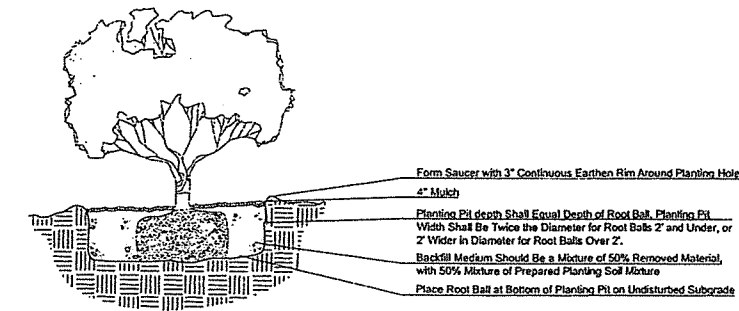
1. Anchor sod on slopes exceeding 1:6 with wood pegs spaced as recommended by sod manufacturer.
2. Saturate sod with fine water spray within 2 hours of planting. During first week, water daily or more frequently as necessary to maintain moist soil to a minimum depth of 1-1/2 inches (38 mm) below the sod.

N. Edging: Install edgings where indicated and anchor with stakes driven below top elevation of edging according manufacturer's recommendations.

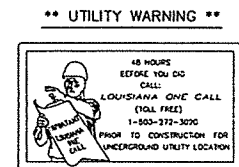
O. Disposal: Remove surplus soil and waste material, including excess subsoil, unsuitable soil, trash, and debris, and legally dispose of it off the Owner's property.



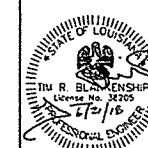
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SHRUB PLANTING DETAIL
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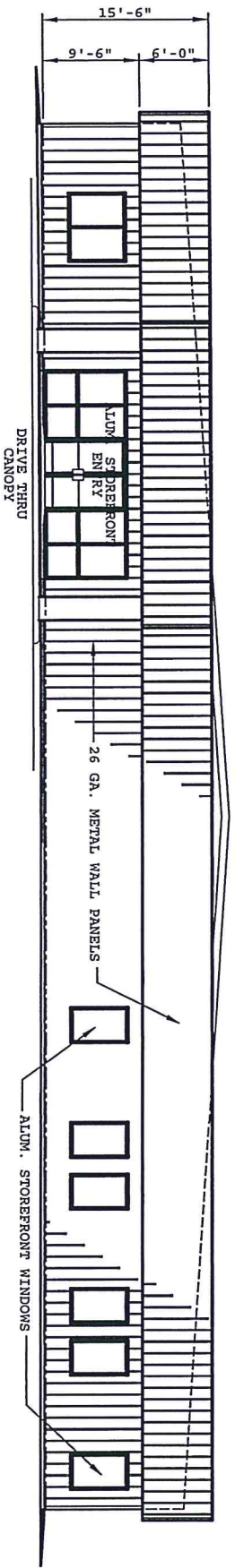
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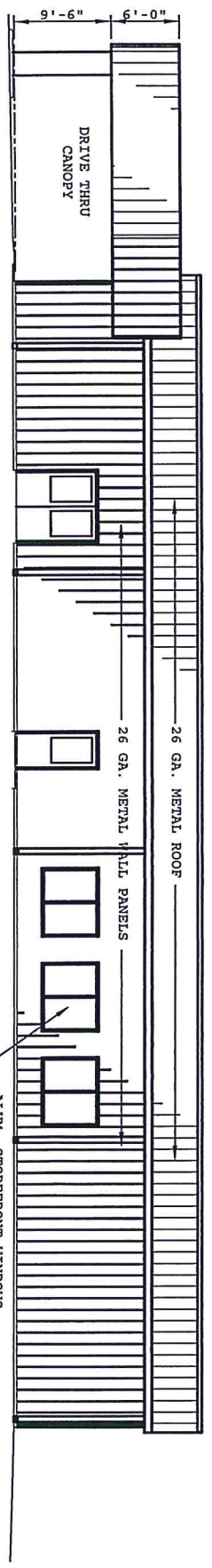
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of 3 SHEETS



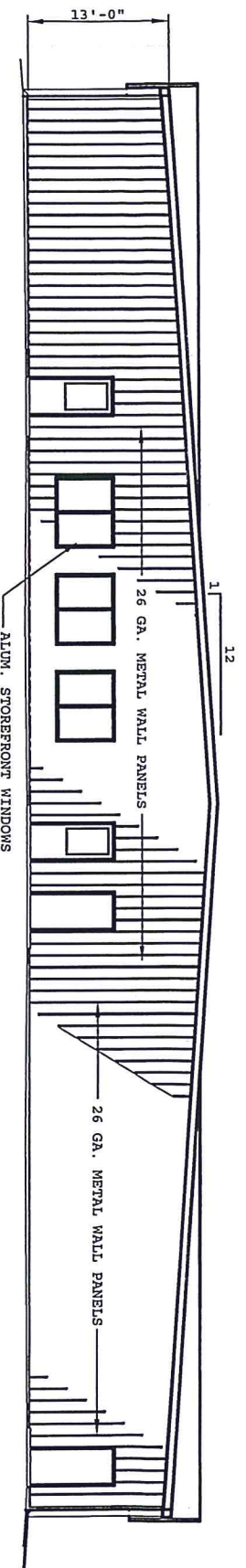
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SCALE: 1/8" = 1'-0"



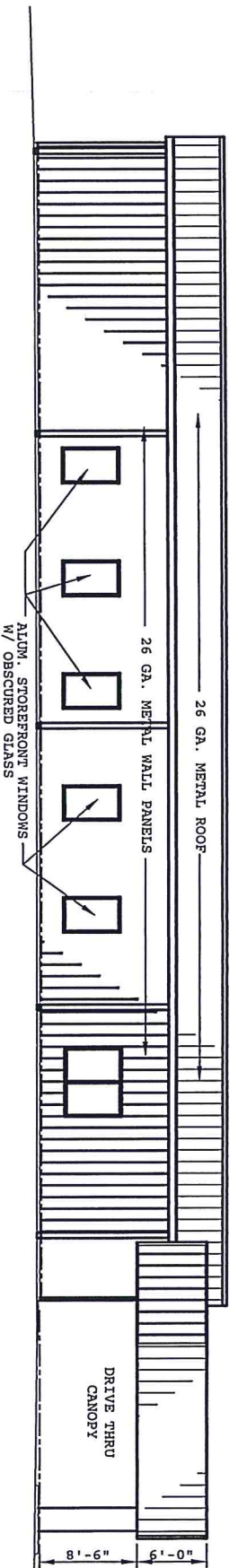
WEST ELEVATION

SCALE: 1/8" = 1'-0"



SOUTH ELEVATION

SCALE: 1/8" = 1'-0"



EAST ELEVATION

SCALE: 1/8" = 1'-0"

**EXECUTIVE
DIRECTOR
APPROVAL**

Date 6/22/18 By MMW