### ELectric Transmission Notes:

- 1. Borricades must be erected 10 feet from Austin Energy transmission
- structures during construction.

  2. Any relocation or outages caused by this project will be charged
- to the contractor/owner.

  Worning signs must be ploced under the overhead transmission lines to moke di personnel owore of the electrical hazard. No dumpsters, staging or spoile arose ollowed within or 20 feet adjacent to the transmission easement for safety reasons. Prior to mobilizing toll equipment such as creae, call Jean Evridge at 512–322–6050, to coordinate with transmission eareagened.
- personnel.

  Property Owner is to provide free and easy access 24 hours o
- day to the tronsmission easument.

  7. Land owner is responsible for dust controls for insulators and to prevent floshing. Owner is responsible for all outages caused by the dust from this project.

## Appendix P-1 - Erosion Control Notes:

- The contractor shall erosion/sedimentation controls and tree/natural area protective fencing prior to any site preparation work (cleaning, grubbing or
- The placement of erosion/sedimentation controls shall be in accordance with the Environmental Criteria Manual and the approved Erosion and Sedimentation
- Centrol Plan.

  The Placement of tree/natural are protective fencing shall be in accordance with the City of Austin standard Notes for Tree and Natural Area Protection and the approved Grading/Tree and Natural Area Plan.

  A pre-constrution conference shall be held on-site with the contractor, design Engineer/permit applicant and Environmental Inspector after Installation of the erosion/sedimentation controls and tree/natural are protection measures and prior to beginning any effection measures and prior to beginning any effection measures of the contractor shall notify the Planning and Development Review Department, 974—2278, at least three days prior to the meeting date.
- date.
  5. Any major variation in materials or locations of controls Any major variation in materials or locations of controls or fences from those shown on the approved plans will require a revision and must be approved by the reviewin Engineer, Environmental Specialist or City Arborist as a appropriate. Major revisions must be approved by the Planning and Development Review Department. Minor changes to be made or field revisions to the Erosion and Sedimentation Control Plan may be required by the Environmental Inspector during the course of construction to correct control inodequacies.

- Environmental Inspector during the course of construction to correct control inodequocies.

  8. The contractor is required to inspect the controls and fences at weekly intervols and ofter significant rainfall events to insure that they are functioning properly. The person(s) responsible for maintenance of controls and fences shall immediately make any necessary repairs to domaged areas. Silt occumulation at controls must be removed when the depth reaches eix (6) linches.

  7. Prior to final occeptance by the City, houl roads and waterway crossings constructed for temporary controctor occess must be removed, occumulated sediment removed from the waterway and the orac restored to the original grade and revegetated. All land clearing debris shall be disposed of in approved spoil disposed sites.

  8. All work must stop if a void in the rock substrate is discovered which is, one square foot of total area; blows oir from within the substrate and/or consistently receives water during any roin event. At this time it is the responsibility of the project manager to immediately contact a City of Austin Environmental inspector for further investigation.
- contact a city of Austin Environmental Inspector for further investigation.

  9. Temporory and Permanent Erosion Control: All disturbed areas shall be restored as noted below.

  A. All disturbed areas to be revegetated are equired to place a minimum of six (6) inches of topsail [see Standard Specification Item No. 601S.3(A)]. Do not add topsail within the critical root zone of existing trees. The topsail shall be composed of 3 parts of sail mixed with 1 part compost, by volume. The compost shall be Oilo Oirt or an equal approved by the Engineer, or designed representative. The apparved equal, if used, meet the definition of compost(as defined by TxOOT Specification item161). The soil shall be locally available native sail that meets the following specifications:
  - that meets the following specifications:

     shall be free of trosh, weeds, deleterious materials.
  - ordinal to tree or train, weeks, deleterious materials, rocks and debris.

    100% shall pass through a 0.375—inch (3/8") screen
    Soll Texture class to be Loam, Sandy Clay Loam, or Sandy Loam in accordance with the USDA texture triangle. Sail known locally as "red death" or Austin Sandy Loam is not allowable sail. Textural composition shall mest the fallowing criterio:
  - Moximum 25% 5% Clay 10% 50%

Topsa'll solvaged from the existing site may often be used, but it should meet the same standards as set forth in these standards.

The vegetative stabilization of areas disturbed by construction shall be as follows:

# TEMPORARY VEGETATIVE STABILIZATION-

- 1. From September 15 to Morch 1, seeding shall be with coal season cover crops (Wheat at 0.5 paunds per 1000 SF, Careal Rye Grain at 0.5 paunds per 1000 SF, Careal Rye Grain at 0.5 paunds per 1000 SF) with a total rate of 1.5 paunds per SF. Coal Season cover crops are not
- 1.5 pounds per SF. Cool Season cover crops are not permonent erosion control.
  2. From March 2 to September 14, seeding shall be with hulled Bermuda at a rate of 1 pounds per 1000 SF.

  A Fertilizer shall be water soluble with an analysis of 15–15–15 to be applied once at planting and once during the period of establishment at a rate of 1/2 pound per 1000 SF.

  B. Markenwitch shall complex with Table 1, below.
  - or 1/2 pound per 1000 Sr. Hydromulch shall comply with Table 1, below. Temporory erosion control shall be acceptable when the gross has grown at least 1 1/2 inches high the gross has grown at least 1 1/2 inches high with 95% coverage, provided no bare spots lorger than 16 square feet exist. When required, notive gross seeding shall comply with requirements of the City of Austin Environmental Criteria Monual.

TEMPORARY VEGETATIVE STABILIZATION: CONTINUED ....

Table 1: Hydomulchina for Temporary Vegetative Stabilization

Moterial	Description	Longevity	Typical Applications	Application Rates
100% or ony bland of wood cellulose, straw, and/or cotton plont moterial (except no mulch shall exceed 30% paper)	70% or greater Wood/Straw 30% or less Paper or Naturo Fibere	0-3 months	Moderate slopes; from flat to 3:1	1500 to 200 lbs per ocre

# PERMANENT VEGETATIVE STABILIZATION:

- rENMANENI VEGETATIVE STABILIZATION:

  1. From September 15 to Morch 1, seeding is considered to be temporory stbilization only. If cool seoson cover crops exist whee permonent vegetative stabilization is desired, the grossed shall be mowed to a height of less than onehalf (1/2) inch and the area shall be re-seeded in accordance with table 2 below.

  2. From Morch 2 to September 14, seeding shall be with hulled Bermuda at a rate of 1 pound per 1000 SF with a purity of 95% with 85% germination. Bermuda gross is a worm seoson gross and id considered permanent erosion control.

  A. Fertilizer shall be water soliable with a combiner.
- - rosion control.

    A Fertilizer shall be water soluble with an analysis of 15-15-15 to be applied once at planting and once during the period of establishment at a rate of 1/2 pound per 1000 SF.

    B. Hydromulch shall comply with Toble 2, below.

    C. The planted area shall be irrigated or sprinkled in a manner that will not erode the topsoil, but will sufficiently sook the soil to a depth of six Inches. The irrigation shall occur at daily intervals (minimum) during the first two manths. Rainfall occurrences of 1/2 inch or more shall postpone the watering schedule for one week.
  - one week.

    D. Permanent erosion control shall be acceptable when the gross has grown at least 1 1/2 inches with 95% coverage, provided no bore spots larger than 16 square feet exist.

Table	2:	Hydomulching	for	Permanent	Vegetative	Stobilization	
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Moteriol	Description	Longevity	Typical Applications	Application Rates
Bonded Fiber Matrix (BFM)	80% Organic defibrated fibers 10% Tackifier	6 months	On elopes up to 2:1 and erosive soil conditions	2500 to 4000 lbs per ocre (see monufacturers recommendations
Fiber Reinforced Matrix (FRM)	65% Organic defibrated fibers 25% Reinfarcing Fibers or less 10% Tockifier	Up to 12 months	On slopes up to 1:1 ond erosive soil conditions	3000 to 4500 lbs per ccre (see monufocturers recommendations

10. Developer information:

Owner James and Karen Sherriff \_Phone #\_ Address 8808 Big View Orive, Austin, Texas

Owners representative responsible for plan alterations:

Whot's Up Dock Phone # 512-263-7430

Person or Firm responsible for erosion/sedimentation control maintenance: What's Up Oock Phone # 512-263-7430

Person or firm responsible for tree/natural area protection Maintenance: What's Up Oock \_Phone # 512-263-7430

11. The contractor sholl not dispose of surplus excavated material from the site without notifying the Wotershed Protection Cepartment at 974-2278 at least 48 hours prior with the location and copy of the permit issued to receive the material.

# Appendix P-2 - Standard Notes for Tree and Natural Area

- All trees and natural areas shown on plan to be preserved shall be pratected during construction with temporary fencing.

  2. Protective fences shall be erected occording to City of Austin
- Stondards for Tree Protection.

  3. Protective fences shall be installed prior to the start of any site preparation work (clearing, grubbing, or grading), and shall be maintained throughout all phases of the construc-
- project.
  Erosion and sedimentation control barriers shall be installed
- Erosion and sedimentation control barriers shall be installed or maintained in a manner which does not result in soil build—up within tree drip lines.
  Protective fences shall surround the trees or group of trees, and will be located at the outermost limit of branches (drip line), for natural areas, protective fences shall follow the Limit of Construction line, in order to prevent the
- following:

  A. Soil compoction in the root zone orea resulting from
- A soil composition in the root zone of resulting from vehicular traffic or storage of equipment or materials;

  B. Root Zone disturbances due to grade changes (greater than 6 inches cut or fill), or trenching not reviewed on authorized by the City Arborist;

  C. Wounds to expose rocks, trunk or limbs by mechanical
- equipment;
  D. Other activities detrimental to trees such as chemical
- D. Other activities detrimental to trees such as chemical storage, cement truck cleaning, and fires.

  8. Exceptions to installing fences at tree drip—lines may be permitted in the following access:

  A. Where there is to be an approved grade change, impermeable paving surface, tree well, or other such site development, erect the fence approximately 2 to 4 feet beyond the area disturbed;

  B. Where permeable poving is to be installed within a tree's drip—line, erect the fence at the other limits off the permeable poving area (prior to site grading so that this area is graded seperately prior to paving installation to minimize root damage);
- area is graded seperately prior to paving installation to minimize roat damage);

  C. Where trees are close to proposed buildings, erect the fence to allow 6-10 feet of work space between the fence and the building;

  D. Where there are severe space constraints due to tract
- size, or other special requirements, contact the City Arborist at 512–974–1876 to discuss attenctives. SPECIAL NOTES: For the protection of natural areas, no exceptions to insolling fences at the Limit of Construction line will be permitted.

Appendix P-2 - Standard Notes for Tree and Natural Area

- Where ony of the obove exceptions result in the fence being closer than 4 feet to a tree trunk, protect the trunk with with stropped-on pionking to the height of 8 feet (or to the limits of lower branching) in addition to the reduced fencing
- Ilmits or lower profitming in the provided.

  8. Trees opproved for removal, shall be removed in a manner which does not impact trees to be preserved.

  9. Any roots exposed by construction activity shall be pruned flush with soil. Backfill root areas with good quality top soil as soon as possible. If exposed root areas are not backfilled within 2 days, cover them with organic moterial in a manner which reduces soil temperature and minimizes water loss due to exposuration.
- which resuces some services to evaporation.

  10. Any trenching required for the insoliction of landscape irrigation shall be placed as far from existing tree tr

- irrigation shall be placed as far from existing tree trunks as possible.

  11. No landscope topsoil dressing greater than 4 inches shall be permitted within the drip—line of trees. No soil is permitted on the root fiore of any tree.

  12. Pruning to provide clearence for structures, vehicular troffic and equipment shall take place before damage occurs (ripping of branches, etc.)

  13. All finished pruning shill be done occording to recognized, approved standards of the industry (Reference the Notional Arbanist Association Pruning Standards for Shade Trees available on request from the City Arbanist).

  14. Devictions from the obove notes may be considered ordinance violations if there is substantial non-compliance or if a tree eustains damage as a result.

Appendix P-6 - Remedial Tree Care Notes Aerotion and Supplemental Nutrient Requirements For Trees Within Construction Areas:

- construction activity.

  2. As a condition of final acceptance of the site, and in conformance with Environmental Criterio Manual section 3.5.4 All preserved trees within the limits of construction will be Aeroted and provided with Supplemental Nutrients per the following guidelines. Macro and MicroNutrients ore required, Humate/nutrient southons with mycorhizae ore highly recommeded. These solutions are commonly utilized to provide remediction for trees offsated by utilized to provide remediation for trees affected by construction. Materials and methods are to be approved by the City Arborist ((512)974—1876) prior to opplication contractor and insure coordination witht he City Arbarist (Phane:(512)974—1876)).
  Treatment is to commence prior to braining of construction

# Dock Construction Notes:

- 7. Oecking is 1" x 6" composite decking.
- Construct railing system (If required) to be metal and conform to City of Austin Building codes.
- Obtain Engineering concurrence letter and provide to City of Austin inspectors.

# Environmental

- This project is located in the Lake Austin Watershed, which is classified as a Woter Supply Rural Watershed as per the date of this permit.
- with the effective date of September 26, 2008
- Environmental Inspector has the authority to add/modify erosion/sediment controls on site to keep project in compliance with the City of Austi-rules and regulations.

# SHERRIFF BOAT DOCK GENERAL SITE NOTES

1704 Ski Slope Austin, Tx. 78733 512-283-7430 -James and Karen Sherriff OWNERS MAILING ADORESS: ---8800 Big View Orive Austin, Texoe 76732

OOCK CONTRACTOR: What's Up......Dock

PROPERTY ADDRESS:--8808 Big View Orive Austin, Texas LEGAL ADDRESS:-- River Place, Section 17, Block I Lot 18. Big View Orive.

Travis County, Austin, Texas Ooc. number 200500041 -Lake Austin (LA) WATER SHED CLASSIFICATION:-Water Supply Rural

-Single-Fornily Home NEW CONSTRUCTION HOME PERMIT: - 2011-086916 BP SUBDIVISION CASE NUMBER: --- C8J-03-186.01.1A E.F.M.A. FIRM NUMBER: \_\_\_\_\_ 48453C043OH

PROPERTY ZONING: \_\_\_\_\_ LA PROJECT DURATION DATE: \_\_\_\_ 09/21/2014 DRINKING WATER PROTECTION ZONE: - YES

ZONING: -RELATED PERMIT NUMBERS:- NONE

- 1. Trees will be cerated and provided nutrients prior to any

- Treatment is to commence prior to brginning of construction
  activities and again ofter the competion of oil construction.
   Areas to be treated include the entire critical root zone
  of the trees as depicted on the City approved plans.
   Trees to be aerated by water injected into the soil (under
  pressure via a soil probe at 50-125 pounds per aquare
  inch) or by other method as approved by Watershed

  Partiection Development Review
- Protection Development Review.

  The Proposed Nutrient Mix Specifications need to be provided to and approved by the City Arborist prior to application (Faxi: (512)974-3010). applicants may also specify soil injection of Daggett X-L injecto 32-7-7 or equivalent at recommended rates.

  Construction which will be completed in less than 90 days should use materials at 1/2 recommended rates.

  Althorother acresic features.

- ehould use materials at 1/2 recommended rates.

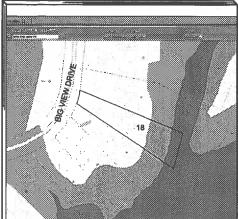
  8. Alternative arganic fertilizer moterials are acceptable when approved by the City Arborist.

  9. Within 7 days after fertilization is performed, the contractor shall provide documentation of the work performed to the City Arborist, Planning and Development Review Department P.O. Box 1088, Austin, Texas 78767. this note should be referenced as Item \$1 in the Sequence of Construction.

  10. No vegatation within the shoreline setback area shall be removed before the issuance of the building permit, except as may be required for surveying and testing. Areas cleared for surveying or testing shall be no more than 15 feet wide and no trees of six inches or more in diameter shall be removed for surveying and testing.

- All new material for this project will be delivered via water, work barges, or boat and land.
   Install dock plers.
   Secure 5.5" steel pilinge into lake bed with mechanical pile driver. Steel pilings will be primed with "no lead: P524 Red Primer"
- Install grow gobion. Costruct lower level deck, 24" out of the water.
   Lower deck framing is 2" x 10" Wolmanized.
   Oumpster is not required for all material.
- 8. Construct dock.
- 10. Instoll walkway to shore.
   11. Contact Environment Inspection 974—2278 at least 72 hours for final inspection. Obtain final ralease.

- 2. A portion of this property\_\_does/\_\_does not lie in the 100 year flood-ploin. The FIRM number is flood-ploin. The FIRM number is 4845300430H



SUBMIT DATE: 09/21/2011 SP-2011-0273D

Development Permit #

# Environmental Continued...

SITE DIMENSIONS:

Existing Shoreline Length: -

Proposed Dock Length: --

Allowable Dock Length: ----

- Environmental Continuea....

  4. Containers of hazardous materials, fuel oil, herbicides, insectides, fertilizers, or other pollutants may not be stored on docks extending into or obove Lake Austin, Lady Bird Lake, or Wolter E. Long.

  5. Oredging within the defined boat boy will be a part of this project. Volume of the dredged material will equal 27 cubic yards. Oredged material will be placed on residential lot and used as part of the backfill for the bulkhead.

145.02

29'-0"

40'-0"

All spoils will be cleaned off of all roads, driveways, and any other impervious cover located outside the LOC at the end of 7. Permanent improvements are prohibited within the shareline setback area, exept for rataining walls, piers, whorves, boathouses, morinos, or a drivaway to access the structure.

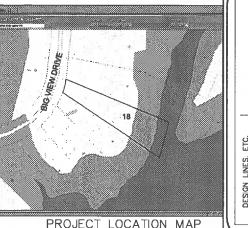
- Site Plan Release Notes:
- All improvements shall be made in accordance with the released site plan.
   Any additional improvements will require site plan.
- plan ammendment and approval of the Planning and Development Review Department. 3. Approval of the site pign does not include building
- or fire code approval.

  4. Additional electrical easments may be required at a
- 5. Water and wastewater service will be provided by Any existing etructures shown to be removed will require a demolition permit from the City of Austin
- Planning and Development Review Depart Planning and sevelopment has be issued prior to application for bullding permit for non-consolidated or Planning Commission approved site plans.

  8. Approval for these plans by the City of Austin
- indicates compliance with applicable city regulations only. Approval by other governmental entities may be required prior to the start of construction. The applicant is responsible for determining what
- approvals may be required or necessary.

  9. Site Plan subject to City of Austin Watershed Protection Regulations.

  10. This boot dock is an accessory use for a single
- family residence.
- A business or living Quarter may not be constructed on a pier or similar structure sxtending into or obove Loke Austin, except under license agreement approved by the City Council. This project \_\_\_\_is/\_X\_is not located over the Edwards Aquifer recharge zone.
   Contractor to verify utility locations and ground and flow line elevations before construction.
- TABLE OF CONTENTS 1 OF 4 CONSTRUCTION NOTES 2 OF 4 SITE PLAN
  - 3 OF 4 ARCHITECTURAL PLANS 4 OF 4 BULKHEAD DETAILS



This serv the of the shall the tech ore trace info implifications dose, Segan a

Planning and Development Review Department

Reviewed By

# Parks Department Certification For the construction of the proposed boot

- dock, this site plan \_X\_ does/\_\_does not require any vonances from, and is in full compliance with the following: Section 25-2-1176 10' Side yord Set
- Section 25-2-1175 Lighting and electrical standards
  Section 25-2-1176 A variance \_X\_will/
  \_\_will not be requested for greater
- thon 20% of shoreline. Section 25-2-1176 20% maximum lost shoreline coverage
- Section 25-2-1176 30' feet moximum extension of dock into water perpendicular to shoreline. This site plon does not create novigation

Parks and Recreational Department

AS SH B/22/ LA.B. J.W. OF 4

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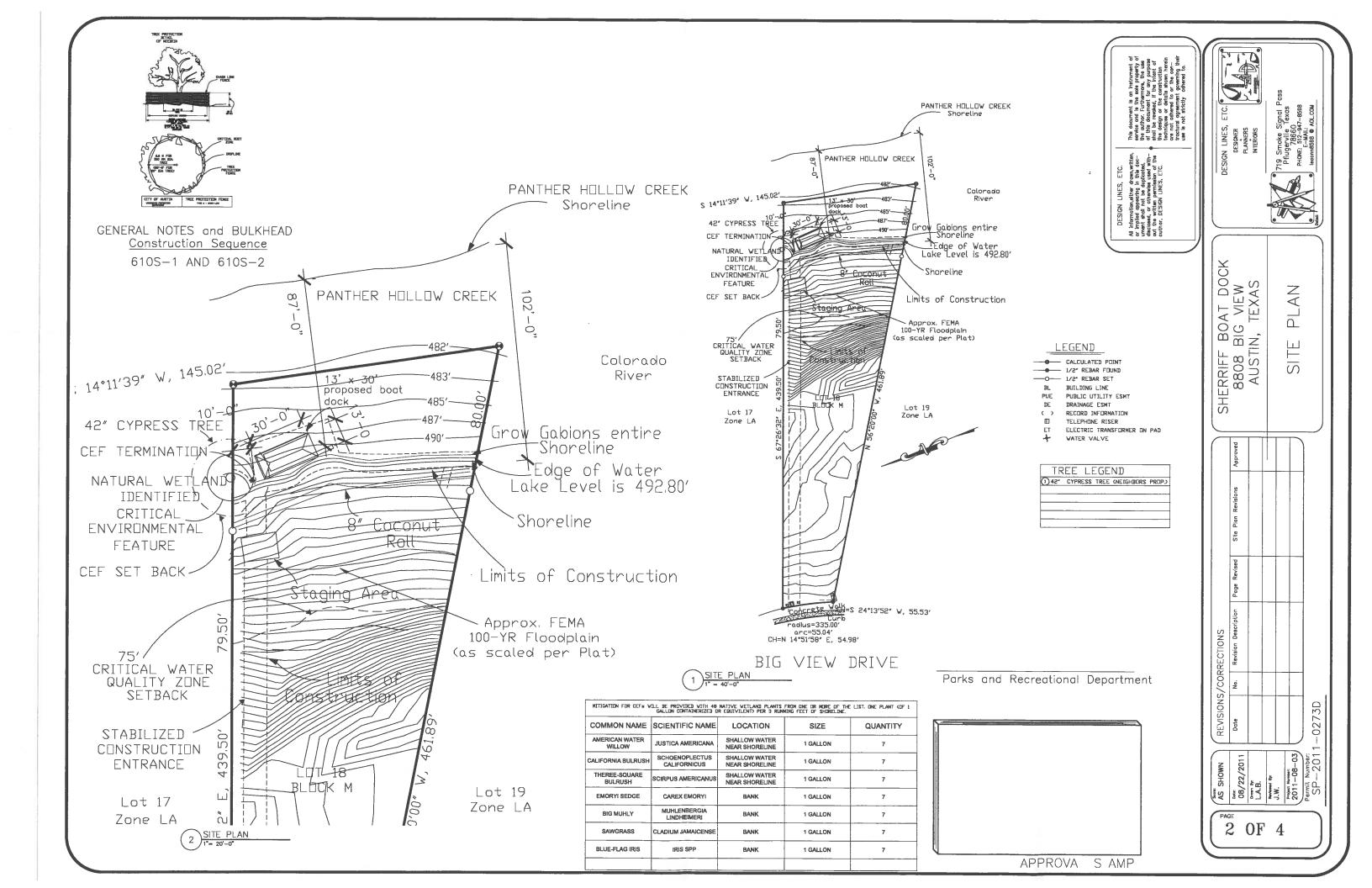
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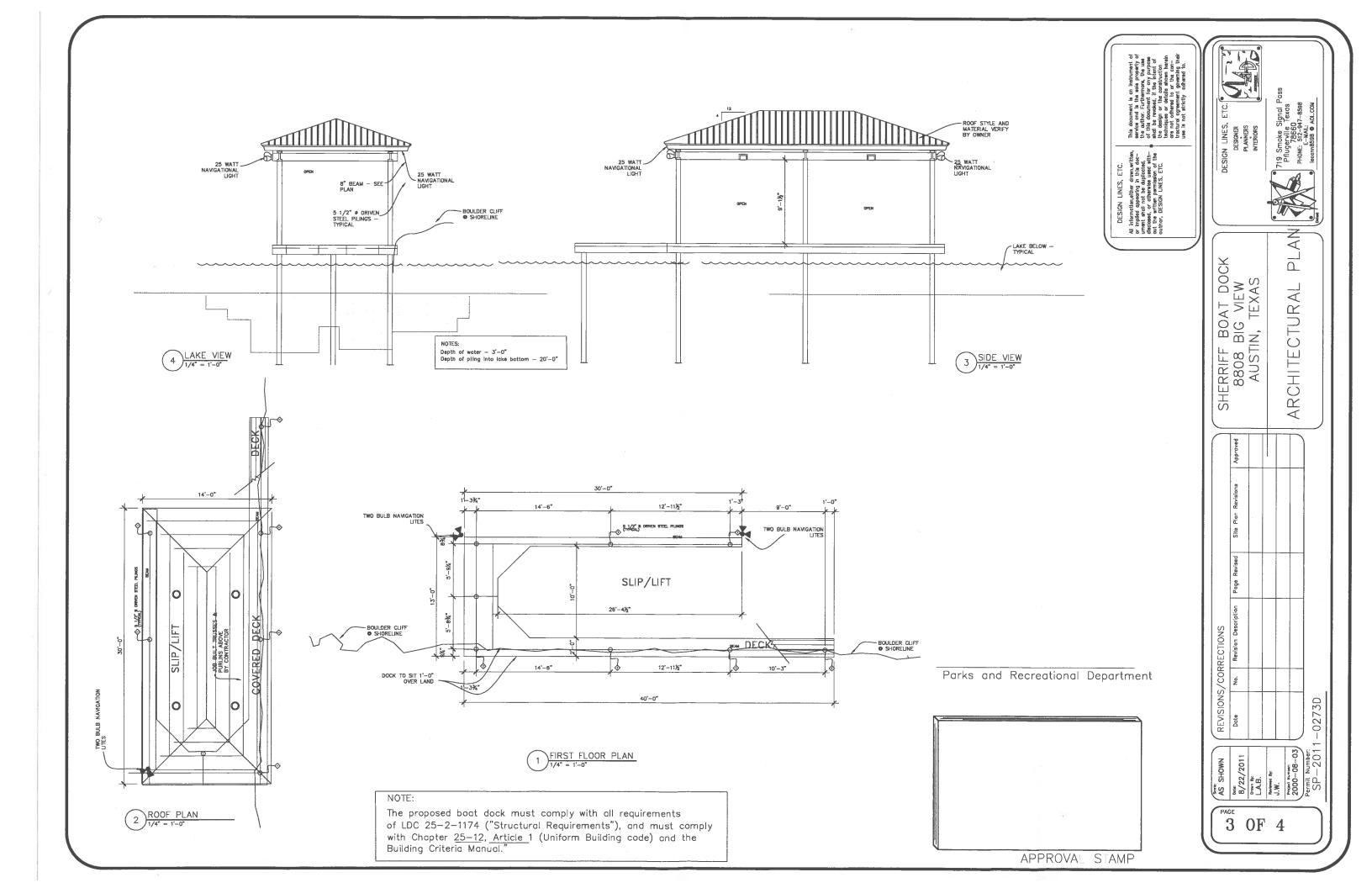
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SP-2011-02730

APPROVAL STAMP

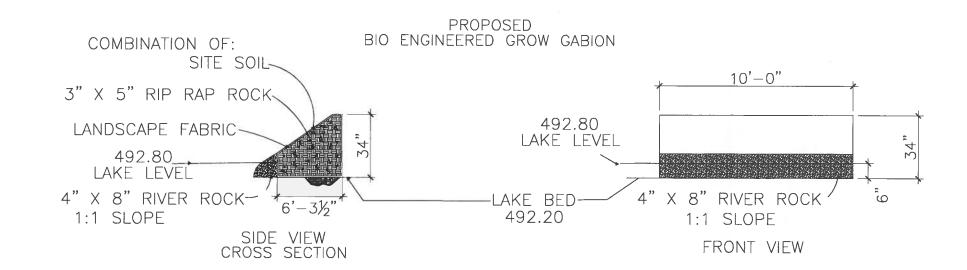
Permit Number:





# GENERAL NOTES and BULKHEAD NOTES <u>Construction Sequence</u> 610S-1 AND 610S-2

- 1. Hold pre-construction meeting with environment inspector
- 2. Bulkhead Construction shall be legally installed.
- 3. No trees shall be removed during construction.
- 4. Follow shoreline contour as defined by site plan.
- 5. All work to be completed by work barges and some by land.
- 6. Install evironment sediment controls as required.
- 7. Install tree protection controls if required.
- 8. Install shoreline bulkhead section.
- 9. Fill areas shall be revegetated as defined by revegitation table.
- 10. Drainage and land erosion and sedimentation will not be affected.
- 11. Contact Environment Inspection 974 2278 at least 72 hours for final inspection



DESIGN LINES, ETC.

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BULKHEAD

4 OF 4

Parks and Recreational Department

