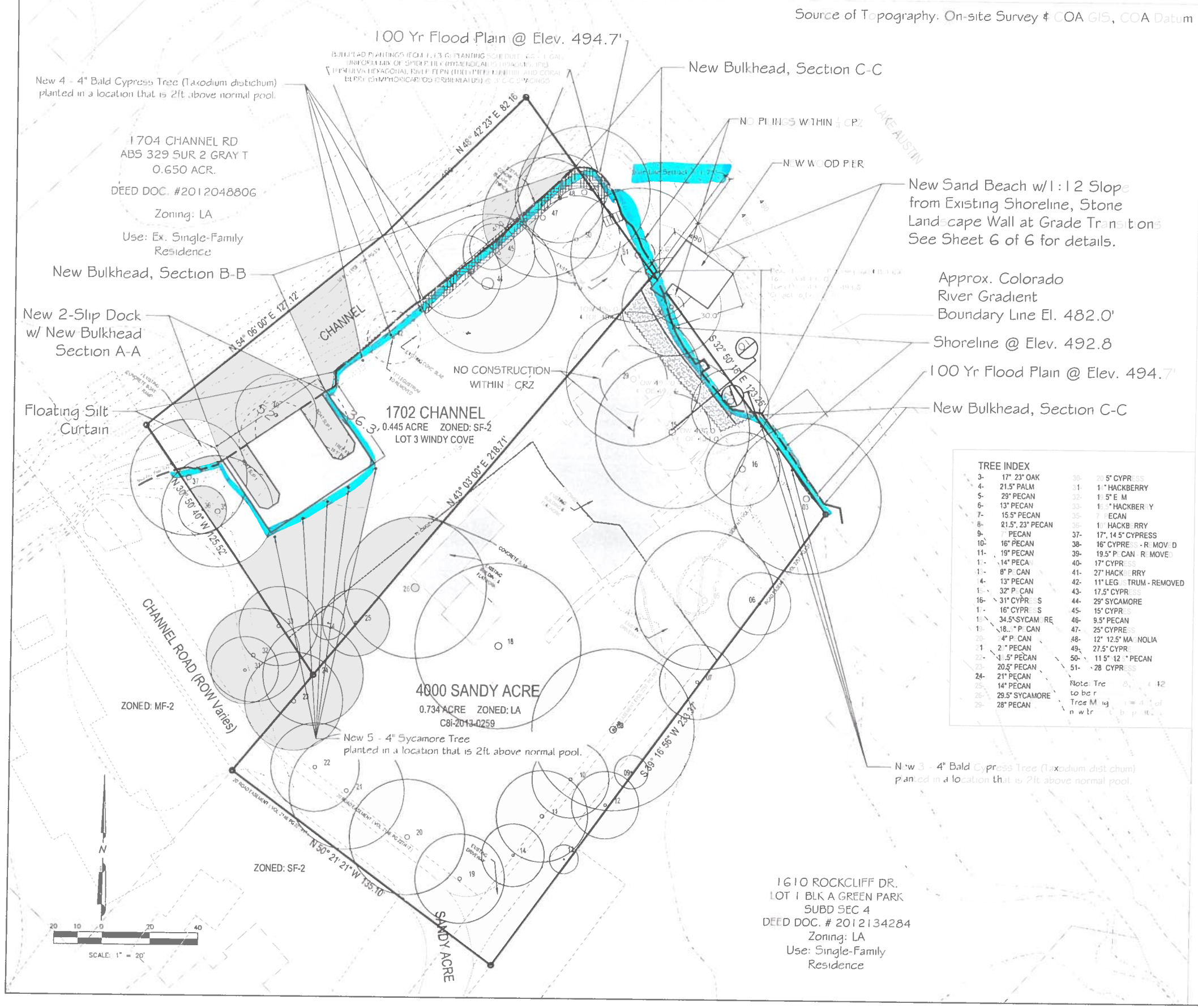
Existing Shoreline Length 4000 Sandy Acre = 123'
Allowable Dock Width = 20% of 123' = 24.6'
Proposed Dock Width = 24' or 19.5%
Proposed Dock Depth = 30'
Proposed Side Yard Setback = 1.75'

Existing Shoreline Length 1702 Channel = 269'
Allowable Dock Width = 20% of 269' = 53.8'
Proposed Dock Width = 52' or 19.3%
Proposed Dock Depth = 28'
Proposed Side Yard Setback > 10'

DOCK FACILITIES

for 4000 SANDY ACRE LANE & 1702 CHANNEL ROAD

Source of Topography: On-site Survey & COA GIS, COA Datum



TREE INDEX

3-	17", 23" OAK	30-	29.5" CYPRESS
4-	21.5" PALM	31-	11" HACKBERRY
5-	29" PECAN	32-	19.5" ELM
6-	13" PECAN	33-	11", 11" HACKBERRY
7-	15.5" PECAN	35-	17" PECAN
8-	21.5", 23" PECAN	36-	11" HACKBERRY
9-	17" PECAN	37-	17", 14.5" CYPRESS
10-	16" PECAN	38-	16" CYPRESS - REMOVED
11-	19" PECAN	39-	19.5" PECAN - REMOVED
12-	14" PECAN	40-	17" CYPRESS
13-	8" PECAN	41-	27" HACKBERRY
14-	13" PECAN	42-	11" LEGUSTRUM - REMOVED
15-	32" PECAN	43-	17.5" CYPRESS
16-	31" CYPRESS	44-	29" SYCAMORE
17-	16" CYPRESS	45-	15" CYPRESS
18-	34.5" SYCAMORE	46-	9.5" PECAN
19-	18" PECAN	47-	25" CYPRESS
20-	14" PECAN	48-	12", 12.5" MAGNOLIA
21-	21" PECAN	49-	27.5" CYPRESS
22-	11.5" PECAN	50-	11.5", 12" PECAN
23-	20.5" PECAN	51-	28" CYPRESS
24-	21" PECAN		
25-	14" PECAN		
26-	29.5" SYCAMORE		
29-	28" PECAN		

Note: Tree [illegible] 12 to be r[illegible]
Tree M[illegible] [illegible] of n[illegible] w[illegible] [illegible]

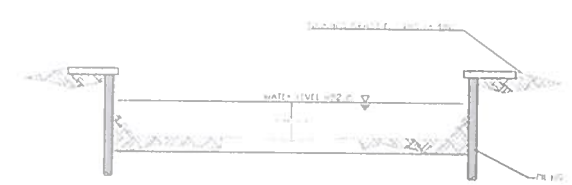
NOTES:

1. A DOCK MUST BE CONTINUOUSLY LIGHTED WITH AMBER LIGHTS BETWEEN SUNSET AND SUNRISE EACH DAY.
2. A DOCK MUST HAVE AT LEAST TWO LIGHT STATIONS. THE LIGHT STATION MUST BE LOCATED ON THE END OF THE DOCK AND ON THE SIDE THAT IS FARTHEST FROM AND PARALLEL TO THE SHORELINE. THE LIGHT MUST BE VISIBLE TO A PROPERTY APPROACHING WATER COURSE.
3. NAVIGATION LIGHTS MUST HAVE A TWO BULB FIXTURE, WITH TWO WORKING LIGHT BULBS RATED BETWEEN 7 1/2 AND 25 WATTS INCLUSIVE. LIGHT BULBS OR BULB COVERS MUST BE AMBER, AND WHITE LIGHT MAY NOT RADIATE FROM THE FIXTURE. WATERPROOF LAMP HOLDERS AND JUNCTION BOXES ARE REQUIRED. EACH LIGHT FIXTURE MUST BE WIRED WITH A SWITCH OPERATED BY A PHOTOELECTRIC CELL SO THAT THE LIGHTS WILL OPERATE AUTOMATICALLY DURING THE HOURS THAT THE DOCK IS REQUIRED TO BE LIGHTED.
4. ALL WORK SHALL OCCUR WITHIN THE LIMITS OF CONSTRUCTION AS SHOWN ON THE PLAN, AND THAT NO MATERIALS OR EQUIPMENT WILL BE DEPOSITED THE SITE FROM THE LANDWARD SIDE OF THIS PROJECT.
5. NO SHORELINE IMPROVEMENTS, EXCEPT GANGWAY & SITE ACCESS OVER SHORELINE EDGE, ARE AUTHORIZED WITHIN THE SPECIFIC SHORELINE EDGE TO REMAIN UNDISTURBED.
6. EXISTING LAKESIDE BOULDERS AT BEACH AREA TO BE REMOVED.
7. CONTAINERS OF HAZARDOUS MATERIALS, FUEL, OIL, HERBICIDES, INSECTICIDES, FERTILIZERS OR OTHER POLLUTANTS MAY NOT BE STORED ON DOCKS EXTENDING INTO OR ABOVE LAKE AUSTIN.
8. THE PROPOSED BOAT DOCK MUST COMPLY WITH ALL REQUIREMENTS OF LDC 25-2-1174 (STRUCTURAL REQUIREMENTS) AND MUST COMPLY WITH CHAPTER 25-12, ARTICLE 1 (UNIFORM BUILDING CODE) AND THE BUILDING CRITERIA MANUAL.
9. THE PROPOSED BOAT DOCK IS AN ACCESSORY USE TO THE PRINCIPAL SINGLE-FAMILY RESIDENCE AT 4000 SANDY ACRE LANE & 1702 CHANNEL ROAD, AUSTIN TX, 78731.
10. NO DREDGING IS PROPOSED WITH THIS DEVELOPMENT.
11. NO WATER OR WASTEWATER UTILITIES ARE PROPOSED WITH THIS DEVELOPMENT.

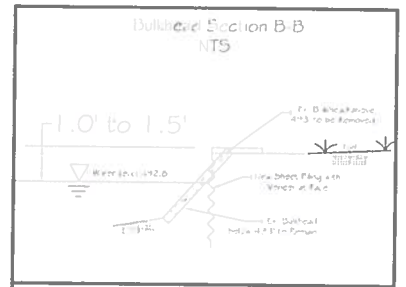
ATTENTION INSPECTOR NOTES:

1. COMPLIANCE WITH BUILDING CODE IS REQUIRED AND IS TO BE REVIEWED FOR COMPLIANCE DURING BUILDING CODE SUBMITTAL.
2. FOR THE BUILDING PERMIT, A SIGNED AND SEALED LETTER SHALL BE SUBMITTED TO THE CITY OF AUSTIN, PER THE LAND DEVELOPMENT CODE, 25-12-3, 105.2.4, CERTIFYING THAT THE STRUCTURE IS IN ACCORDANCE WITH ARTICLE 2A, FLOOD RESISTANT DESIGN AND CONSTRUCTION.
3. ENVIRONMENTAL INSPECTOR HAS THE AUTHORITY TO ADD AND/OR MODIFY EROSION/SEDIMENTATION CONTROLS ON SITE TO KEEP PROJECT IN COMPLIANCE WITH THE CITY OF AUSTIN RULES AND REGULATIONS.

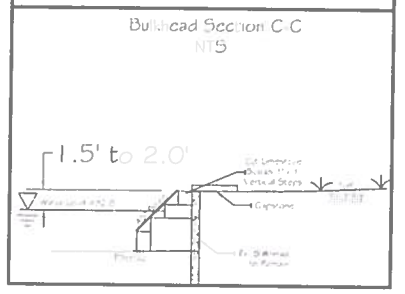
BULKHEAD CROSS SECTION A-A
NTS



Bulkhead Section B-B
NTS



Bulkhead Section C-C
NTS



C14

AUPPERLE COMPANY
Engineering, Planning & Development Services
106088 Cleveland Drive, Austin, Texas 78733 512 329-8241
Texas Board Of Professional Engineers Registration Number F-1964

DOCK FACILITIES
for 4000 SANDY ACRE LANE & 1702 CHANNEL ROAD
SITE PLAN

DESIGNED: BSA
APPROVED:
SCALE: NTS
4000 & 1702
DATE: Apr 8, 2014
SHEET 4 of 6

4

SP-2013-0436D

4000 SANDY ACRE LANE & 1702 CHANNEL ROAD SP-20 [illegible]