

**A DOCK PLAN AND PIER LAYOUT**  
 SCALE: 1/4"=1'-0"

**PLEASE NOTE:**  
 THE PLAN CONSTRUCTION SHOWN ON THIS PLAN ARE INTENDED TO REPRESENT THE PLAN CONSTRUCTION AND NOT THE INTENT OF THE DESIGNER. ALL THE CONDIMENTS THAT EXIST NOR IS THE EXCLUSION OF A CONDIMENT INTENDED TO LIMIT THE GENERAL DESIGN. REFER TO THE PRESCRIPTIVE DOCK PUBLICATION FOR ADDITIONAL DESIGN INFORMATION.

FOR CONSTRUCTION

DESIGN	JUN 11/22/2016
DRAWN	JUN 11/22/2016
CHECKED	MES 11/22/2016
SCALE: NOTED ON PLANS & DETAILS	

**GREENE COUNTY BUILDING AND ZONING**  
 DOCK CONSTRUCTION STANDARDS  
 DOCK PLAN AND PIER LAYOUT  
 LAKE OCONEE  
 GREENE COUNTY, GEORGIA

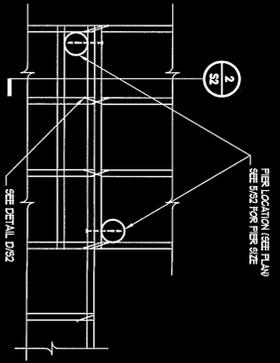


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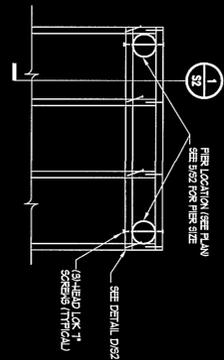
REVISION	DATE	APPROVED	DESCRIPTION
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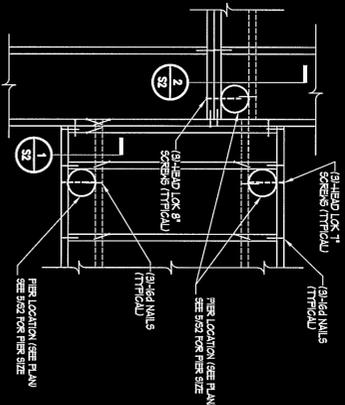
SHEET  
**S1**



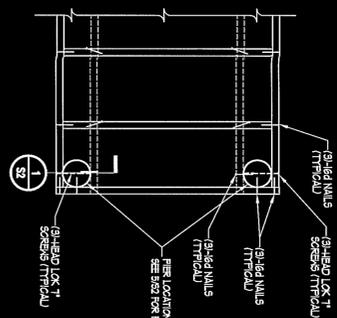
**A PLAN DETAIL**  
S2 SCALE: 3/4"=1'-0"



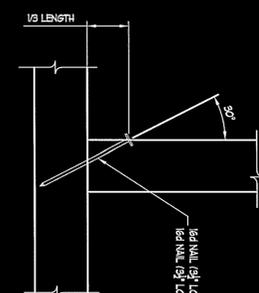
**B PLAN DETAIL**  
S2 SCALE: 3/4"=1'-0"



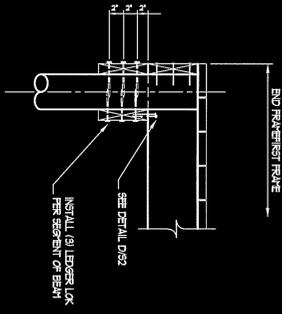
**C PLAN DETAIL**  
S2 SCALE: 3/4"=1'-0"



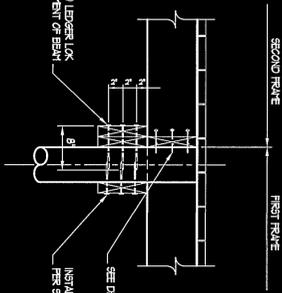
**D PLAN DETAIL**  
S2 SCALE: 3/4"=1'-0"



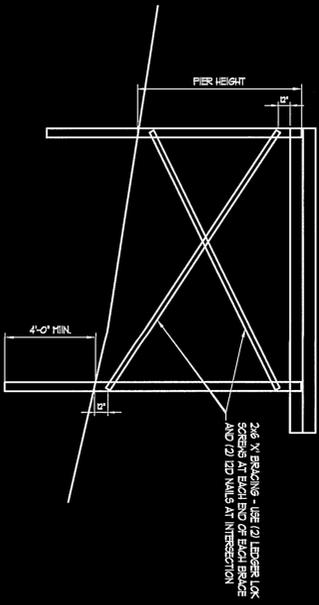
**E TOENAIL DETAIL**  
S2 SCALE: 3/4"=1'-0"



**1 SECTION**  
S2 SCALE: 1"=1'-0"

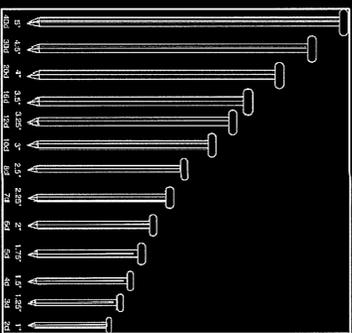


**2 SECTION**  
S2 SCALE: 1"=1'-0"



PIER LENGTH CHART		
HEIGHT	PIER SIZE (INCHES)	REMARKS
8'-0" TO 14'-0"	5" DIA.	0.46 PCF CCA
14'-0" TO 20'-0"	6" DIA.	0.46 PCF CCA

**5 PIER LENGTH CHART**  
S2 SCALE: 1"=1'-0"



**6 COMMON NAIL CHART**  
S2 SCALE: 1"=1'-0"

TABLE 1: MAXIMUM JOIST SPAN LENGTH<sup>1</sup>

Joist Spacing → Joist Size ↓	Joists without Overhangs		Joists with Overhangs	
	12"	16"	12"	16"
2x8	13'-1"	11'-10"	9'-8"	9'-8"
2x10	16'-2"	14'-0"	11'-5"	11'-5"
2x12	18'-0"	16'-6"	13'-6"	13'-6"

<sup>1</sup> Spans are based on 40 PSF live load, 10 PSF dead load, southern pine #2, normal loading duration, wet service conditions and deflections of Lx=0.360 for main span and 0.180 for overhang with a 220 pound point load.

**7 JOIST SPAN TABLE**  
S2 SCALE: 1"=1'-0"

- DOCK CONSTRUCTION GENERAL NOTES**
- ALL CONNECTIONS TO BE CORROSION RESISTANT. ALL HARDWARE TO BE HOT DIPPED GALVANIZED OR 660 PLATED. THIS INCLUDES BOLTS, WASHERS, NUTS, PINS AND SCREWS.
  - PIERS TO BE #2 GRADE LUMBER TREATED PINE WITH A MINIMUM PRESERVATIVE LEVEL OF 0.40 PCF CCA. PIERS TO BE CONTINUOUS NOT SPLICED FROM SOLE TO DECK. VERIFY 4'-0" MIN PENETRATION.
  - BEAMS TO BE #2 STYP TREATED FOR GROUND CONTACT WITH 0.04 PCF CCA. BEAM SPANS TO FEET OF EXCEED THE REQUIREMENTS OF THE GEORGIA PRESRIPTIVE DECK REQUIREMENTS.
  - ATTACH MULTI PLY BEAMS WITH LEDGER LOK STYLE SCREWS SPACED AT 12" O/C STAGGERED TOP TO BOTTOM WITH TWO FASTENERS AT EACH END.
  - JOIST MUST MEET THE REQUIREMENTS OF THE GEORGIA PRESRIPTIVE DECK STANDARD. AND MUST BE SPACED AT 24" O/C FOR 2X6 DECKING MINIMUM 3 SPANS OR 6" O/C FOR COMPOSITE DECK MATERIAL AND 4/5" DECKING.
  - PROVIDE A MINIMUM OF TWO BRACES IN OPPOSITING DIRECTION FOR EACH SECTION OF DOCK.
  - FASTENERS FOR ATTACHMENT OF FRAMES TO PIERS ARE TO BE HEADLOCK BY FASTENMASTER OR APPROVED EQUAL. SUBMIT SUBSTITUTIONS TO COUNTY FOR APPROVAL. PRE-DRILL HOLES TO PREVENT SPLITTING. H-800-518-3564 WWW.FASTNMASTER.COM
  - ATTACH DECKING TO JOIST USING 1/2" BD RING SHANK GALVANIZED NAILS AT EACH SUPPORT.

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SHEET		
<b>S2</b>		