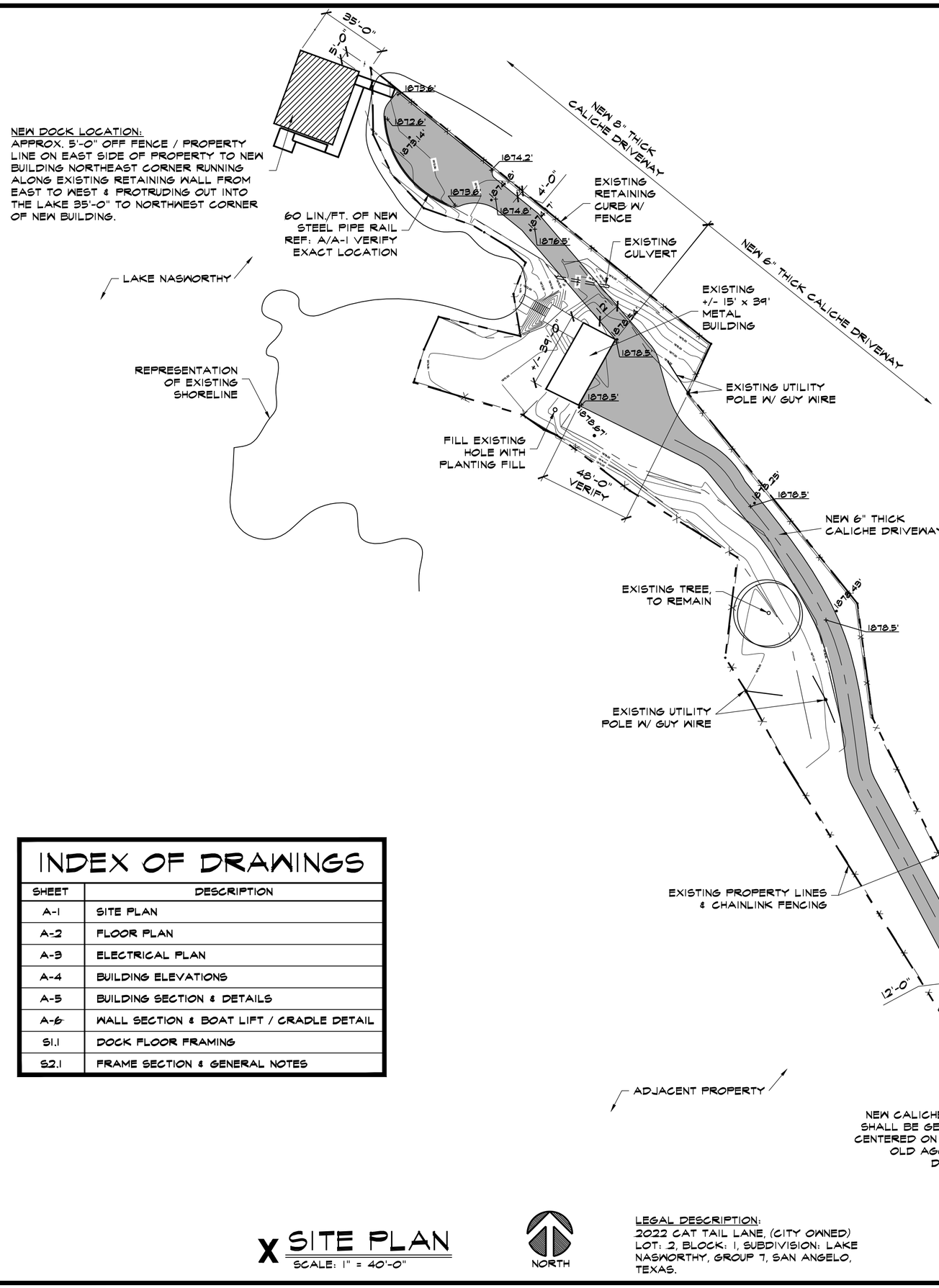
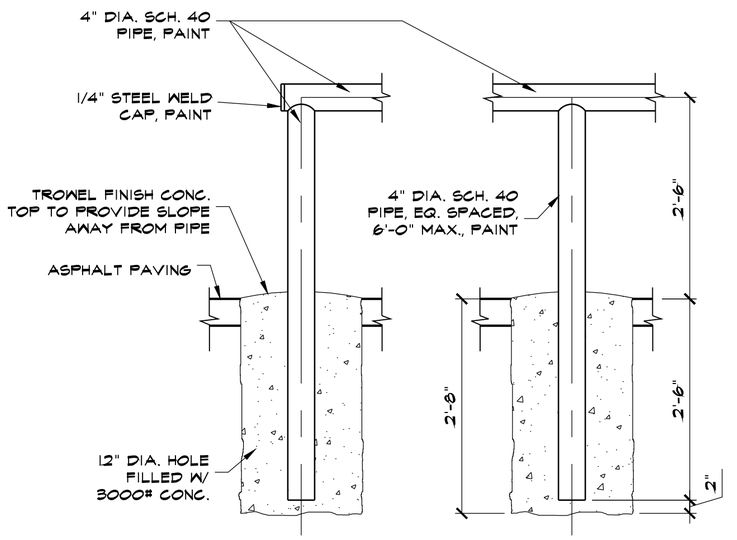


X SITE PLAN

SCALE: 1" = 40'-0"

NORTH

LEGAL DESCRIPTION:
2022 CAT TAIL LANE, (CITY OWNED)
LOT: 2, BLOCK: 1, SUBDIVISION: LAKE NASWORTHY, GROUP 7, SAN ANGELO, TEXAS.



A PIPE RAILING ELEVATION

SCALE: 3/4" = 1'-0"

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A-5	BUILDING SECTION & DETAILS
A-6	WALL SECTION & BOAT LIFT / CRADLE DETAIL
S1.1	DOCK FLOOR FRAMING
S2.1	FRAME SECTION & GENERAL NOTES

PROJECT:	201423
DATE:©	4/30/14
DRAWN:	REH
REVISIONS:	
6/10/14	7/28/14
11/3/14	11/12/14

POLICE DOCK AT LAKE NASWORTHY

SAN ANGELO, TEXAS

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11/14/14

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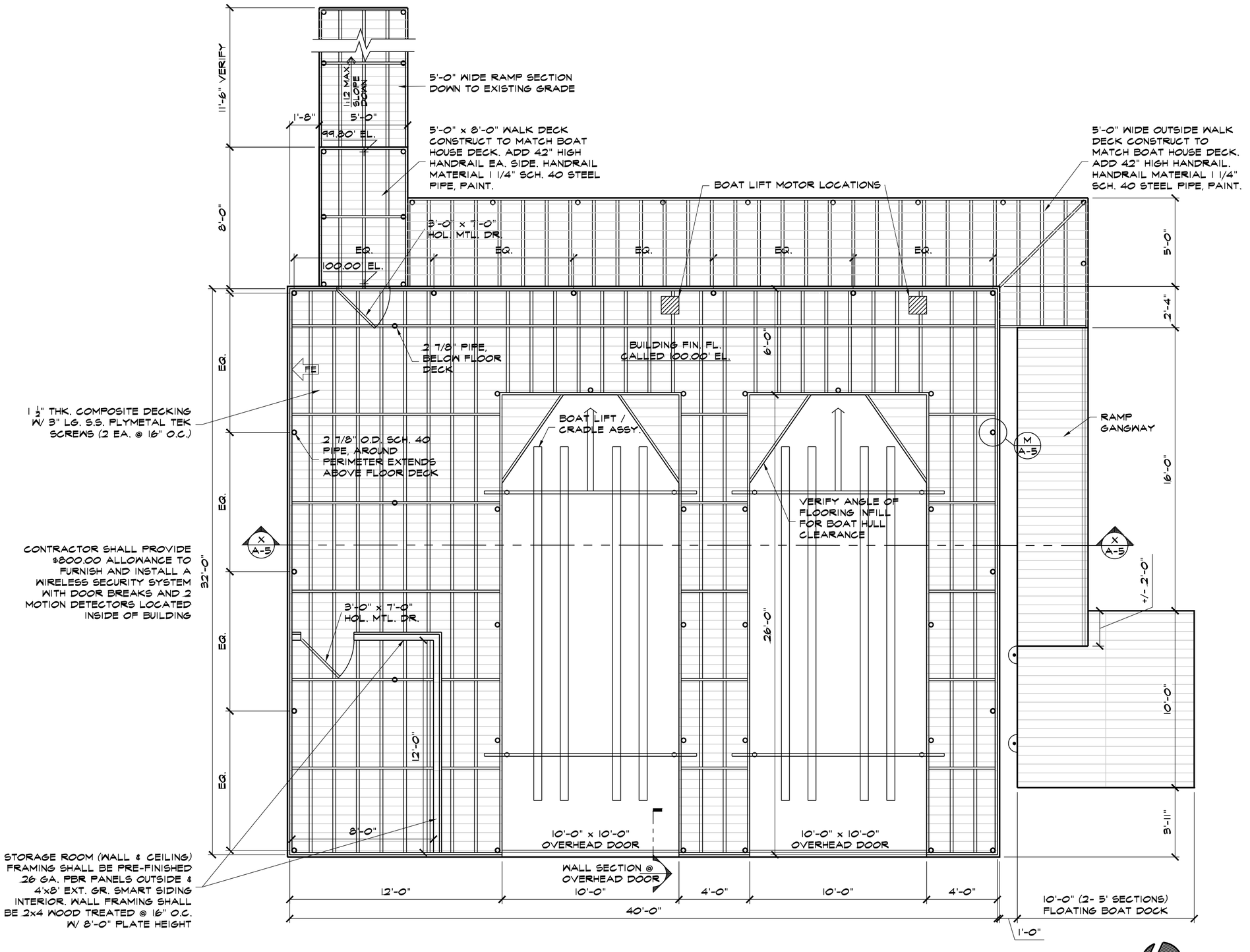
(325)655-4805 FAX 949-1306

SHEET NO.
A-1
OF 6



X FLOOR PLAN

SCALE: 1/4" = 1'-0"

PROJECT:	201423
DATE:©	3/12/14
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REVISIONS:	6/10/14 7/28/14 11/3/14 11/12/14

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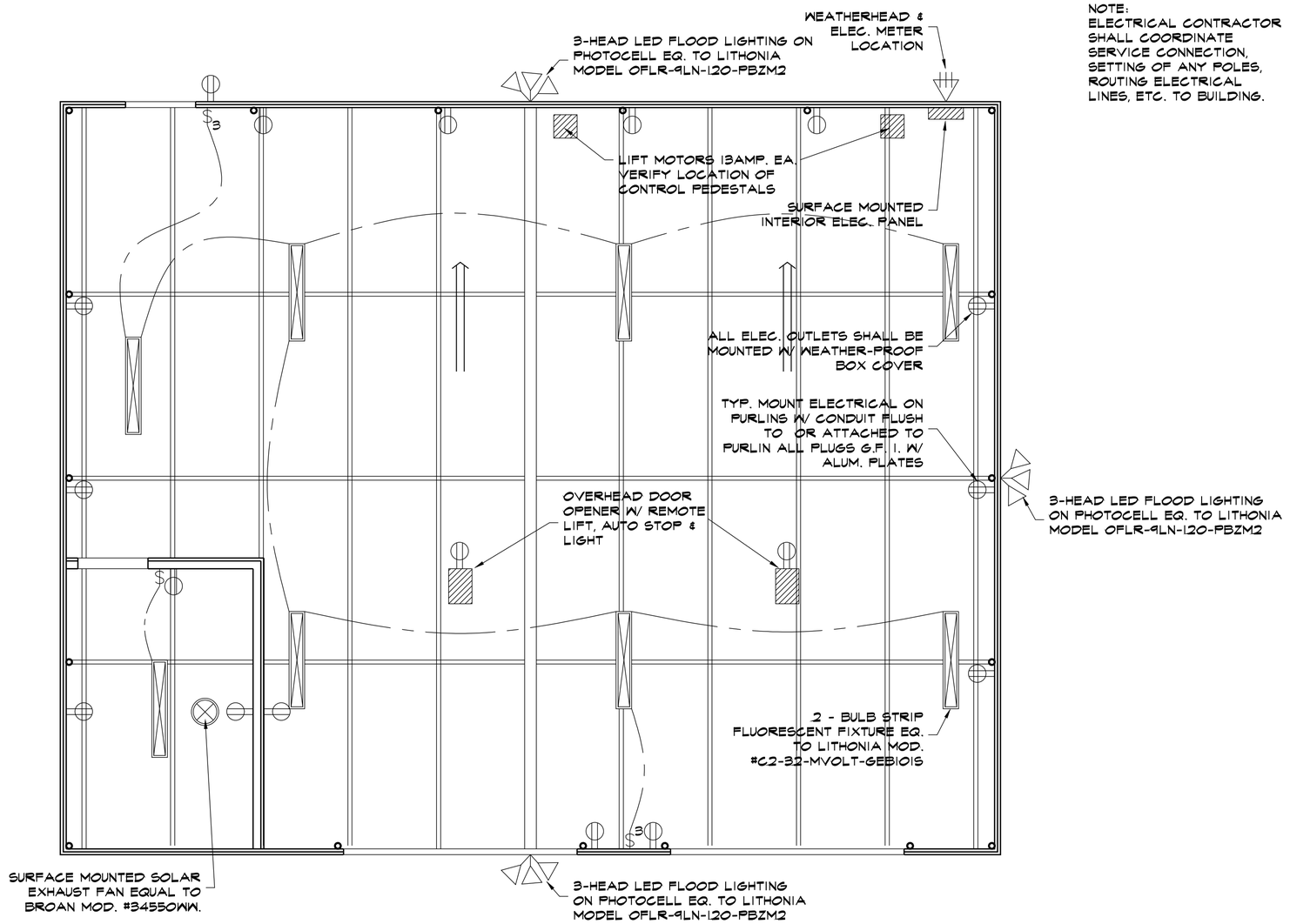
SHEET NO.

A-2

OF 6



NOTE:
ELECTRICAL CONTRACTOR SHALL COORDINATE SERVICE CONNECTION, SETTING OF ANY POLES, ROUTING ELECTRICAL LINES, ETC. TO BUILDING.

Z ELECTRICAL PLAN

SCALE: 1/4" = 1'-0"

NORTH

PROJECT:	201423
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6/10/14	7/28/14
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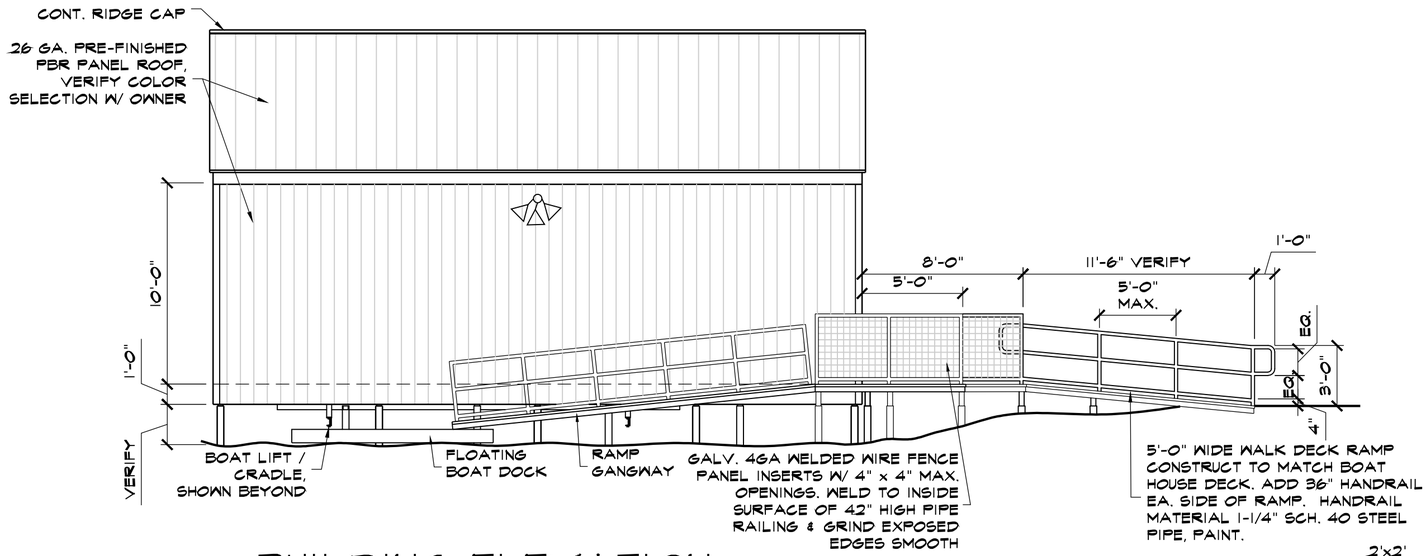
SHEET NO.

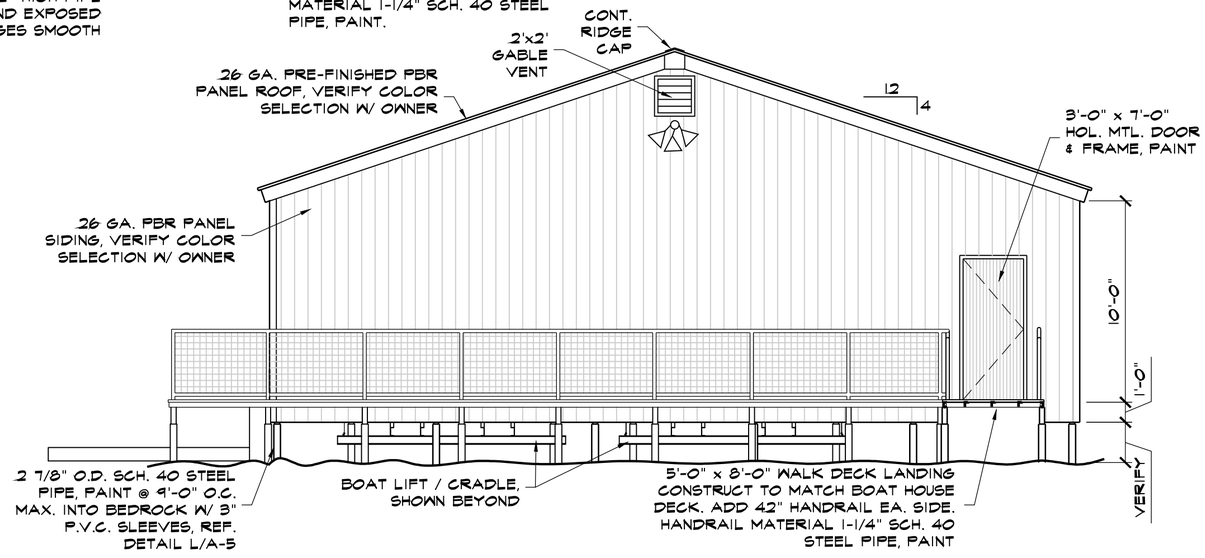
A-3

OF 6



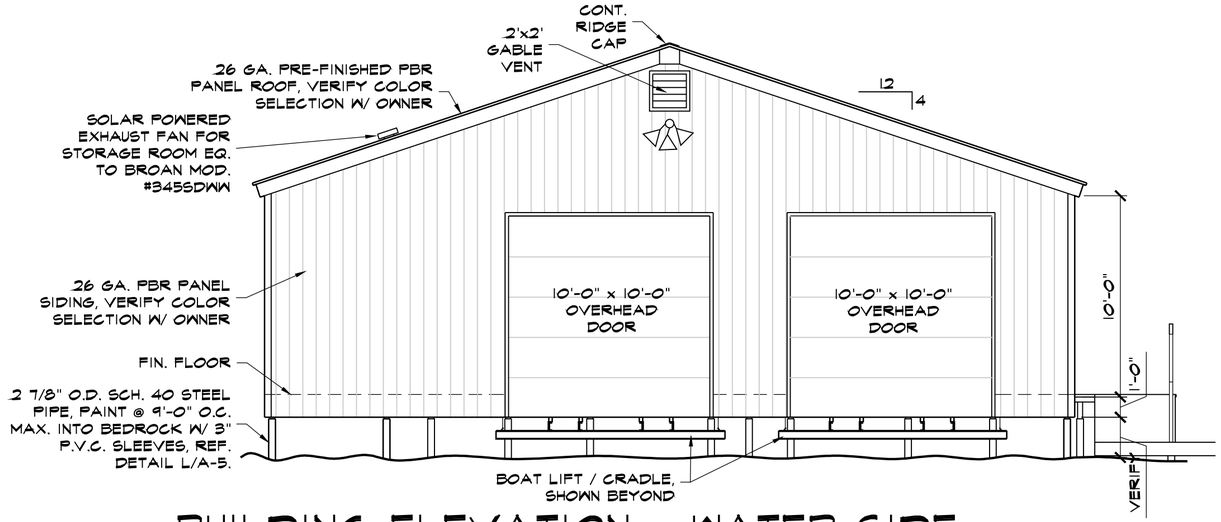
B BUILDING ELEVATION

SCALE: 3/16" = 1'-0"



D BUILDING ELEVATION - SHORE SIDE

SCALE: 3/16" = 1'-0"



P BUILDING ELEVATION - WATER SIDE

SCALE: 3/16" = 1'-0"

PROJECT:	201423
DATE:©	3/12/14
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6/10/14	7/28/14
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POLICE DOCK AT LAKE NASWORTHY

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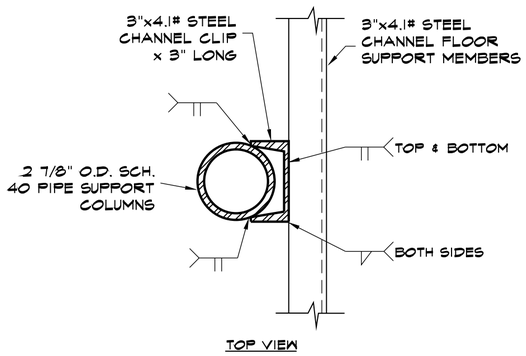
SHEET NO.

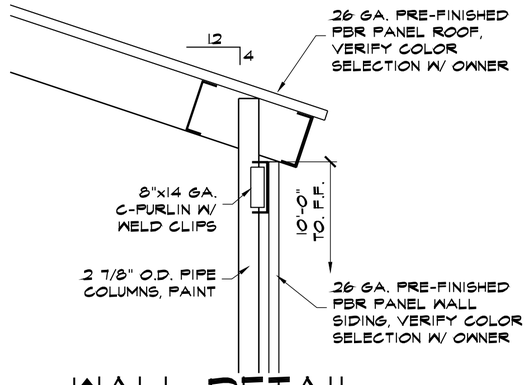
A-4

OF 6



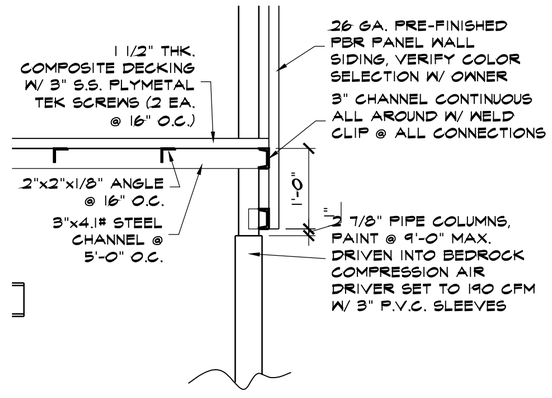
M TYP. PIPE TO CHANNEL CONNECTION DETAIL

SCALE: 3" = 1'-0"



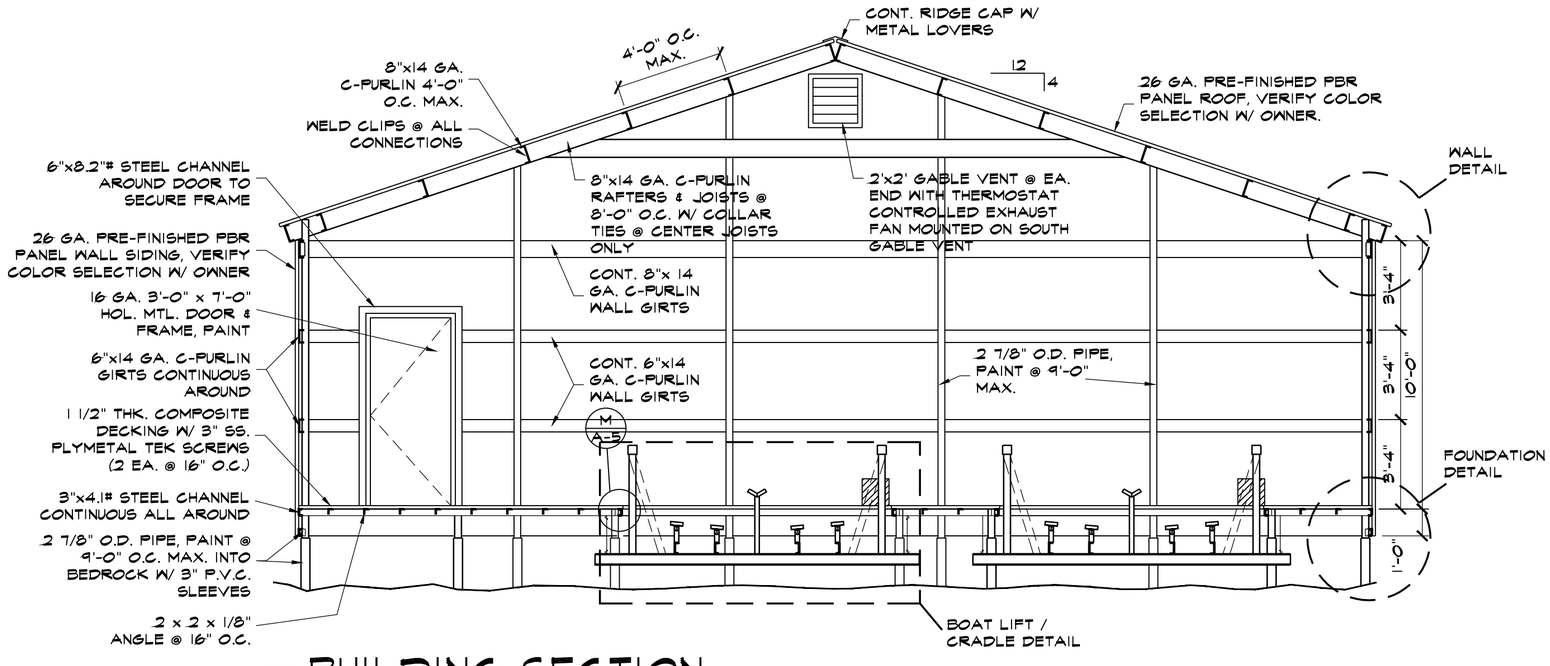
F WALL DETAIL

SCALE: 3/4" = 1'-0"



L FOUNDATION DETAIL

SCALE: 3/4" = 1'-0"



X BUILDING SECTION

SCALE: 1/4" = 1'-0"

PROJECT:	201423
DATE:©	3/12/14
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REVISIONS:	
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11/3/14	11/12/14

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SHEET NO.

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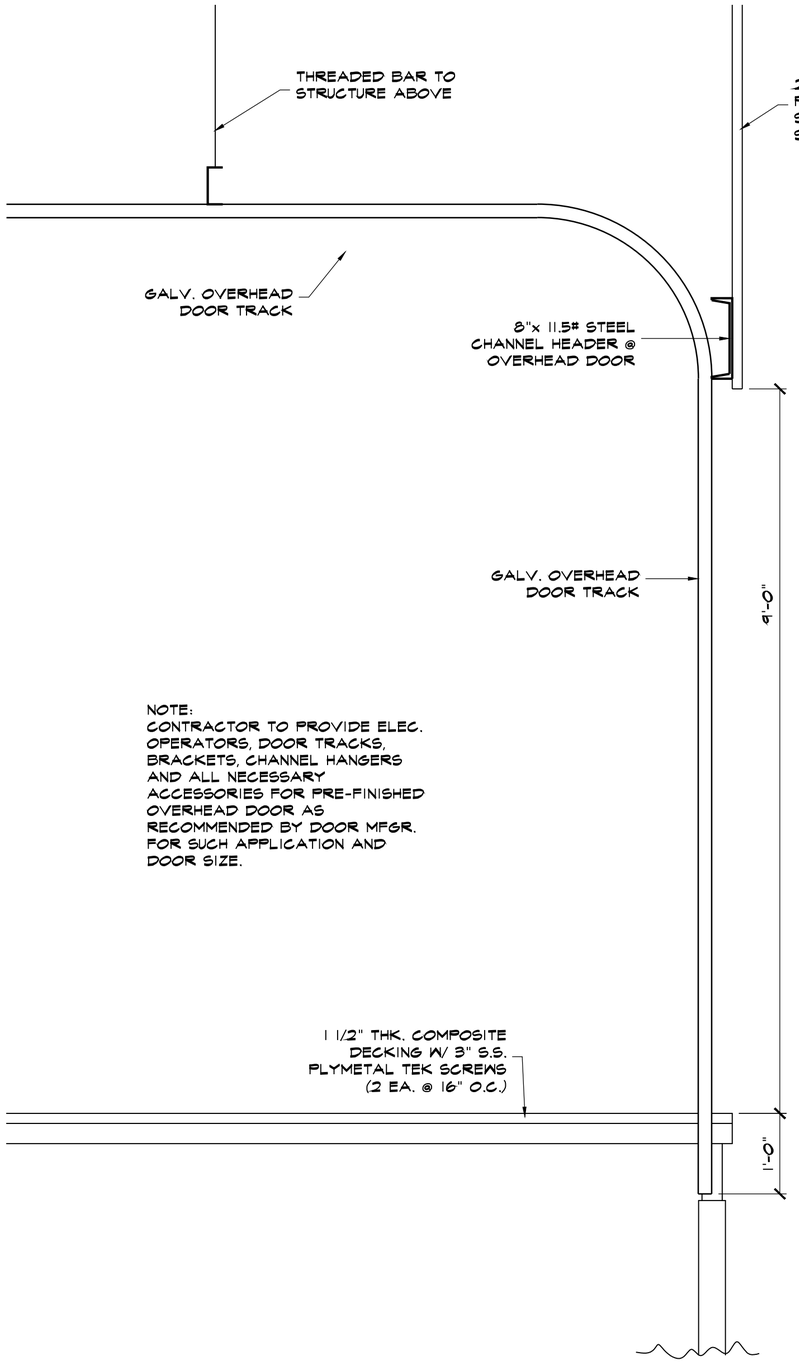
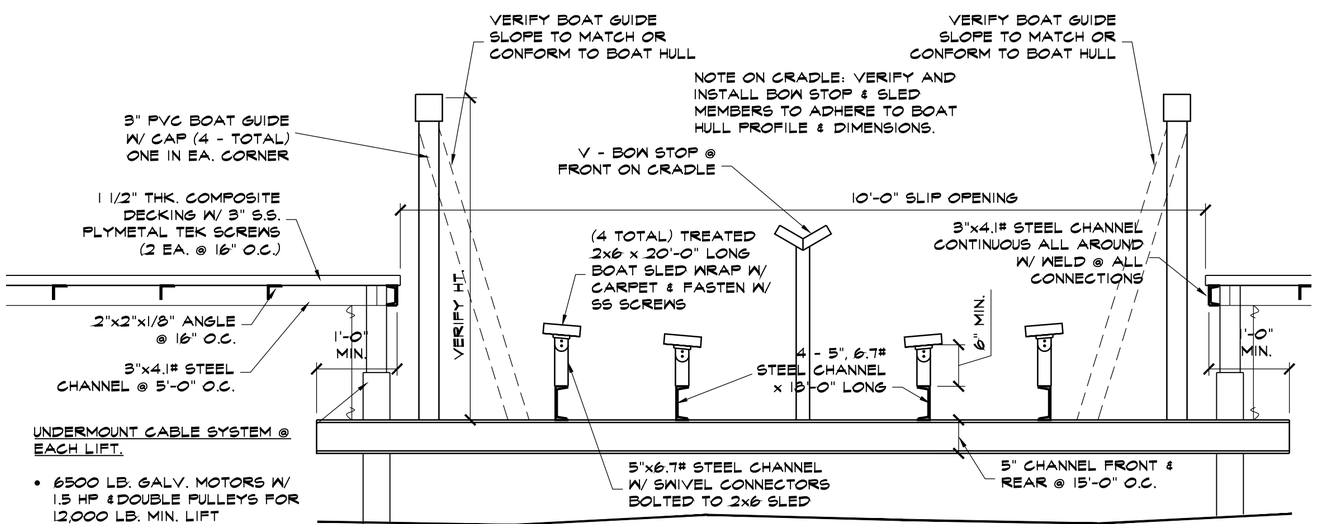
OF 6



AA WALL SECTION @ OVERHEAD DOOR

SCALE: 3/4" = 1'-0"



UNDERMOUNT CABLE SYSTEM @ EACH LIFT.

- 6500 LB. GALV. MOTORS W/ 1.5 HP & DOUBLE PULLEYS FOR 12,000 LB. MIN. LIFT CAPACITY.
- GALV. PULLEYS & GREASE SERTS THROUGHOUT.
- 5/16" DIA. S.S. UNDER MOUNT CABLE SYSTEM.
- LIFT PEDESTAL AS LOCATED ON PLAN
- PROVIDE AUTO-STOP ON ALL CONTROLS W/ (2) REMOTES.
- (2) 12" VINYL BUMPER WHEELS WITH GALV. ANGLE @ DOORS.

NOTE: GALV. ALL UNDERWATER STEEL COMPONENTS

N BOAT LIFT / CRADLE DETAIL

SCALE: 3/4" = 1'-0"

PROJECT:	201423
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REGISTERED ARCHITECT GARY DONALDSON 8458 STATE OF TEXAS

11/14/14

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SHEET NO.

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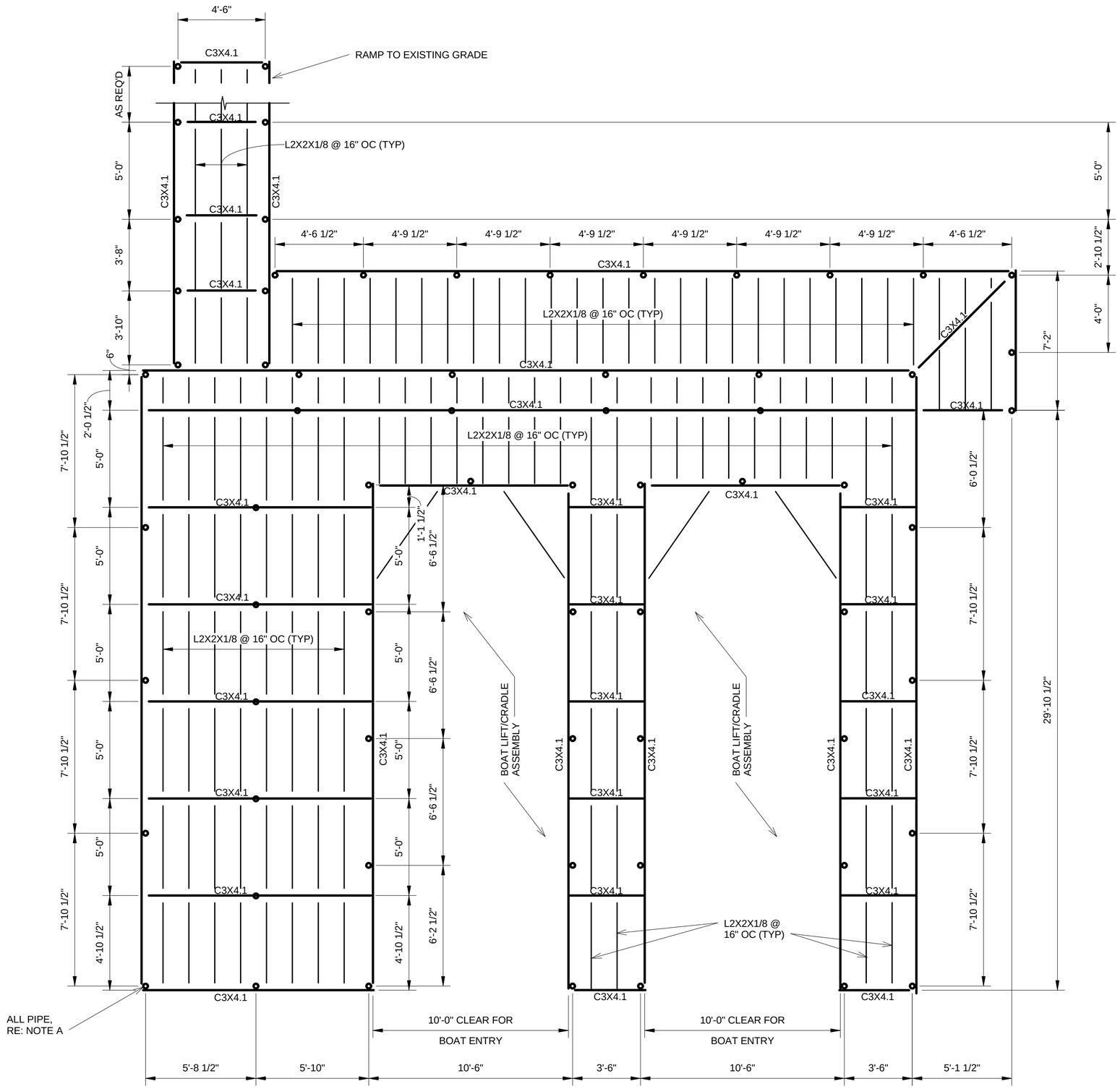
OF 6



1 DOCK FLOOR FRAMING
1/4" = 1'-0"

ALL PIPE COLUMNS SHOWN SHALL BE DRIVEN DOWN TO BEDROCK, THEN SLEEVED WITH 3" PVC FOR PORTION OF PIPE IN CONTACT WITH WATER

PERIMETER PIPE OF BOAT DOCK BUILIDNG (NOT INCLUDING EXTERIOR WALKWAY) SHALL BE BROUGHT UP TO ROOF LEVEL FOR ATTACHMENT OF WALL GIRTS AND ROOF STRUCTURE.

DECKING FOR BOAT DOCK AND WALKWAY IS TO BE 1 1/2" COMPOSITE DECKING WITH 3" LONG S.S. PLYMETAL TEK SCREWS (2 EA @ 16" OC)

REFER TO ARCHITECURAL PLANS FOR DETAILS SHOWING CONNECTION OF CHANNEL TO PIPE COLUMNS, WALL DETAIL AND FOUNDATION DETAIL.

PROJECT: 201423

DATE: 7/31/2014

DRAWN: JW

REVISIONS:
11/12/2014

POLICE DOCK AT LAKE NASWORTHY
SAN ANGELO, TEXAS

STATE OF TEXAS
JERRY P. WHITE
110408
REGISTERED
PROFESSIONAL ENGINEER

THE SEAL APPEARING ON THIS DRAWING WAS AUTHORIZED BY JERRY P. WHITE, P.E. 110408
S&E ENGINEERING, LLC #F-7608

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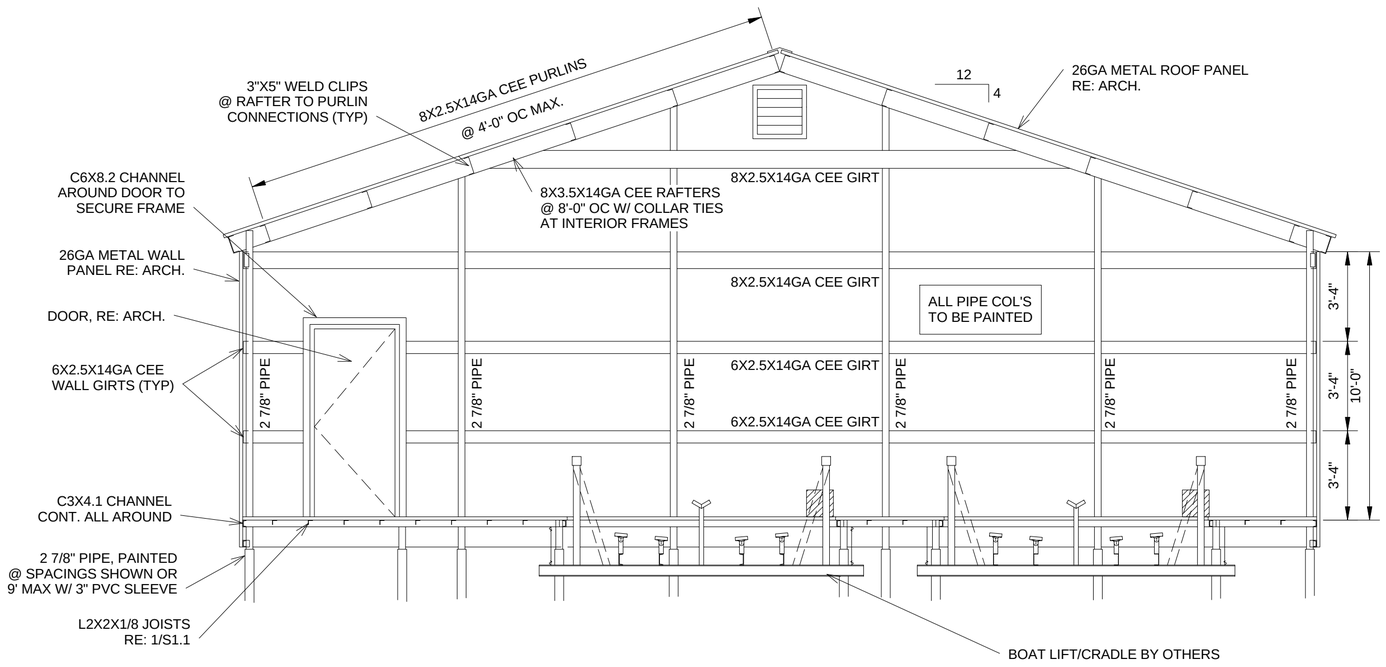
S1.1



1 FRAME SECTION
1/4" = 1'-0"

GENERAL NOTES

A. GENERAL

1. DO NOT SCALE DRAWINGS FOR THE PURPOSE OF ESTABLISHING DIMENSIONS.
2. VERIFY EXISTING CONDITIONS AND DIMENSIONS WITH OWNER PRIOR TO BEGINNING WORK.
3. REFERENCE ARCHITECTURAL, STRUCTURAL, AND MECHANICAL PLANS FOR VERIFICATION OF ALL BOLTS, BLOCKING, ANCHORS, ETC., AND THE ANCHORAGE OF THEIR RESPECTIVE ITEMS.
4. COORDINATE WITH THE ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS AND VERIFY THE LOCATION OF ALL CHASES, INSERTS, OPENINGS, SLEEVES, FINISHES, DEPRESSIONS, PADS, WALL OPENINGS, AND OTHER PROJECT REQUIREMENTS.
5. CONSTRUCTION MATERIALS SHALL BE SPREAD OUT WHEN PLACED ON FLOORS OR ROOF. LOAD SHALL NOT EXCEED THE DESIGNED LIVE LOAD PER SQUARE FOOT. PROVIDE ADEQUATE SHORING AND/OR BRACING WHERE STRUCTURE HAS NOT OBTAINED DESIGN STRENGTH.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL TEMPORARY BRACING AND SHORING.

B. DESIGN CRITERIA AND BUILDING CODE

1. INTERNATIONAL BUILDING CODE, 2009, INCLUDING AMENDMENTS AND ADDITIONS.

UNIFORM LOADS

2. ROOF LIVE LOAD — 20 PSF (REDUCIBLE)
3. ROOF DEAD LOAD — 2 PSF
4. SNOW LOADS
   GROUND SNOW LOAD — 5 PSF
   ROOF SNOW LOADS 3.5 PSF
   SNOW EXPOSURE FACTOR 0.9
   SNOW LOAD IMPORTANCE 1.0
5. WIND LOADS
   3 SECOND GUST — 90 MPH
   Iw — 1.0
   EXPOSURE — C

C. STRUCTURAL STEEL

	FY, KSI	ASTM
STRUCTURAL STEEL SHAPES, W AND WT	50	A992
STRUCTURAL STEEL SHAPES, OTHER THAN W AND WT	36	A36
STRUCTURAL STEEL PLATES	36	A36
HOLLOW STRUCTURAL SECTION (HSS), RECTANGULAR	46	A500, GR B
HOLLOW STRUCTURAL SECTION (HSS), ROUND	42	A500, GR B
COLD-FORMED CEE'S	55	A570
STRUCTURAL BOLTS	92	A325
WELDING ELECTRODES	E70XX	AWS D1.1 00

1. FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO THE AISC CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES, CURRENT EDITION.
2. ALL STRUCTURAL STEEL MEMBERS AND CONNECTIONS SHALL BE DESIGNED USING AISC MANUAL OF STEEL CONSTRUCTION, LOAD AND RESISTANCE FACTOR DESIGN, SECOND EDITION.
3. PROVIDE ALL WELDING DONE BY QUALIFIED, CERTIFIED WELDERS IN ACCORDANCE WITH AWS STRUCTURAL WELDING CODE-STEEL, D1.1:2000.
4. STRUCTURAL DETAILS AND CONNECTIONS SHALL CONFORM TO THE STANDARDS OF THE AISC.

MINIMUM SIZE OF FILLET WELDS[b]

Material Thickness of Thicker Part Joined (in.)	Minimum Size of Fillet Weld[a] (in.)
To 1/4 inclusive	1/8
Over 1/4 to 1/2	3/16
Over 1/2 to 3/4	1/4
Over 3/4	5/16

[a] Leg dimension of fillet welds. Single pass welds must be used.
[b] See AWS Section J2.2b for maximum size of fillet welds.

5. STRUCTURAL STEEL CONNECTIONS NOT DETAILED SHALL BE DESIGNED FOR 50% OF THE TOTAL ALLOWABLE UNIFORM LOAD (Wc/L) FOR THE GIVEN SPAN AS INDICATED IN PART 2 (BEAMS AND GIRDERS) OF THE AISC MANUAL. MEMBERS REQUIRING CONNECTIONS OF GREATER CAPACITY THAN STATED ABOVE HAVE MEMBER REACTIONS SHOWN ON THE PLANS.
6. THE FABRICATOR SHALL SUPPLY BACK-UP PLATES AND EXTENSION TABS FOR ALL COMPLETE PENETRATION WELDS.
7. PROVIDE BEARING TYPE BOLTS AND INSTALL USING "TURN OF THE NUT" METHOD OR WITH TENSION INDICATING WASHERS.
8. UNLESS NOTED OTHERWISE, ALL UNEQUAL LEG DOUBLE ANGLES SHALL HAVE LONG LEGS BACK TO BACK.
9. CLEAN RUST, LOOSE MILL SCALE, AND OTHER FOREIGN MATERIALS FROM STEEL WHERE REQUIRED FOR FABRICATION, FITTING UP, OR WELDING.
10. NO CUTTING OF STRUCTURAL STEEL MEMBERS FOR THE WORK OF OTHER TRADES IS ALLOWED WITHOUT PRIOR REVIEW AND WRITTEN APPROVAL OF THE ENGINEER.
11. GROUT FOR BASE PLATES SHALL BE NON-SHRINK, NON-METALLIC GROUT WITH A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 6,000 PSI.

PROJECT: 201423
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REVISIONS:

POLICE DOCK AT LAKE NASWORTHY
SAN ANGELO, TEXAS

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REGISTERED
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