

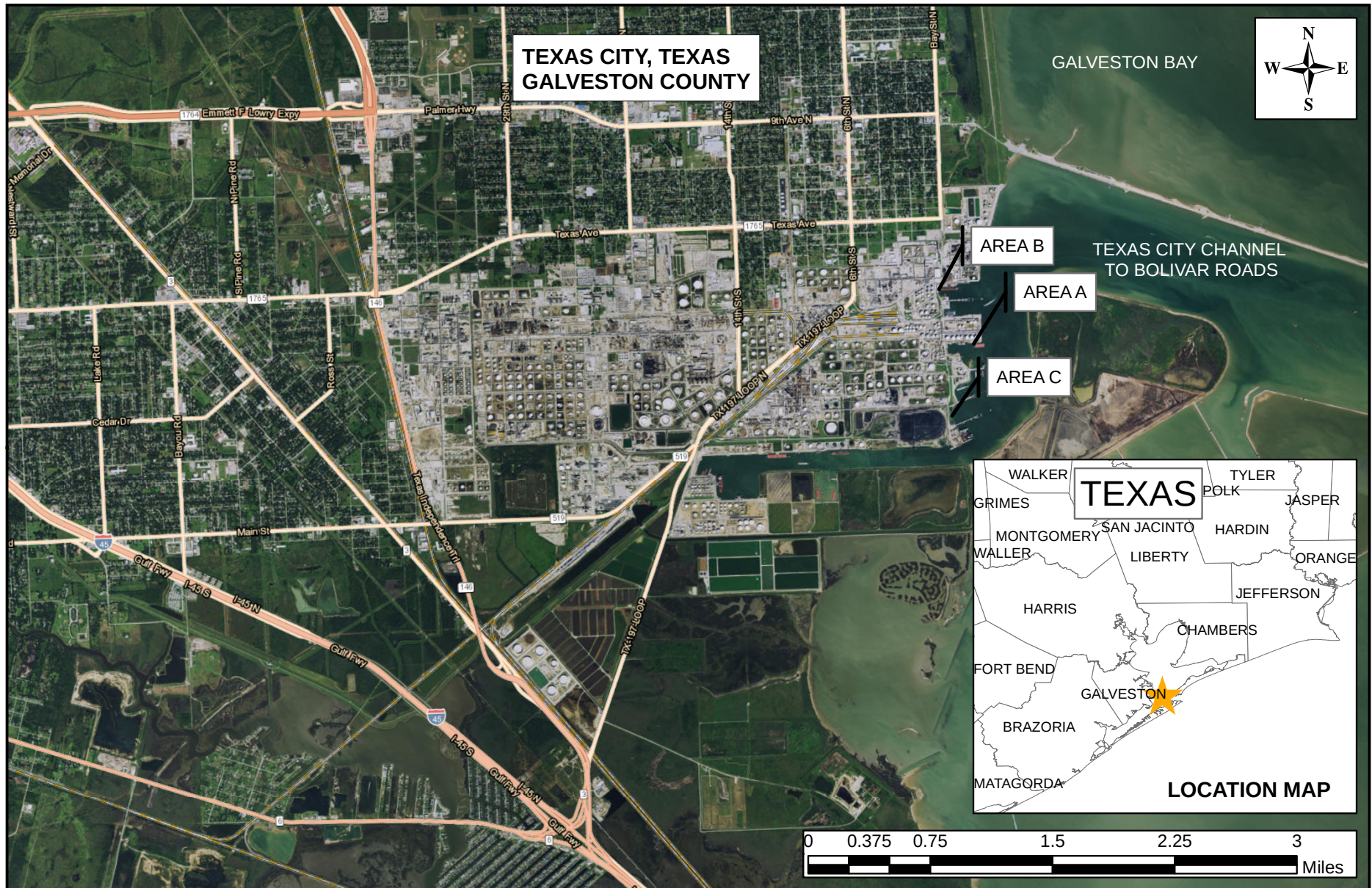


EXHIBIT A - VICINITY MAP
SHEET 1 OF 7

**SHORELINE STABILIZATION
AREAS A, B, AND C
PORT OF TEXAS CITY
TEXAS CITY TERMINAL RAILWAY COMPANY**

APPROVED:

DATE:

8/08/2016

LJA PROJ #:

707-1007

REV:

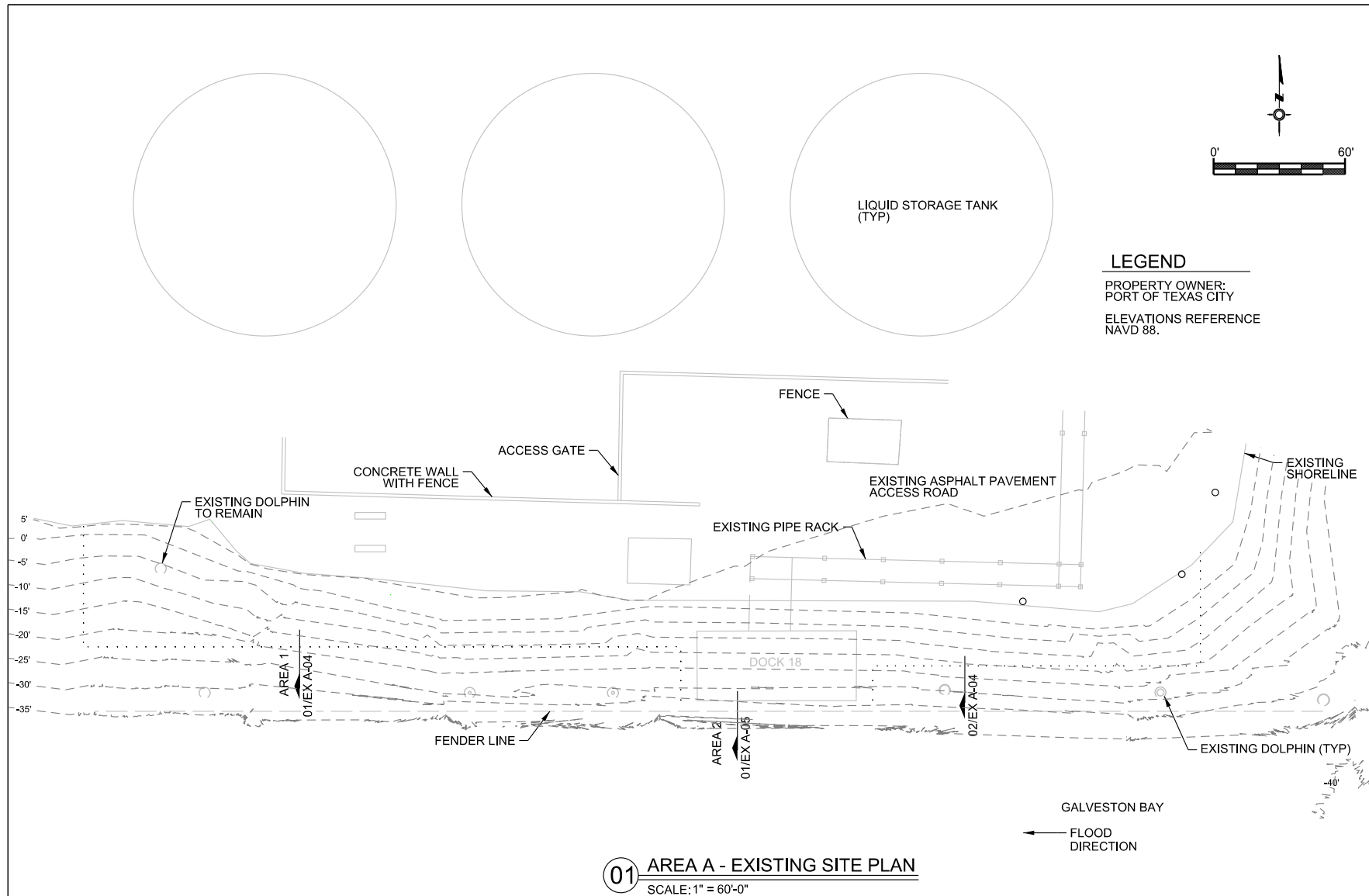
A

LJA Engineering, Inc.

Midstream Group
905 Orleans Street
Beaumont, Texas 77701

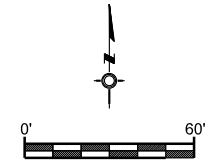
Phone 409.813.1862
Fax 409.813.1916
FRN - F-1386



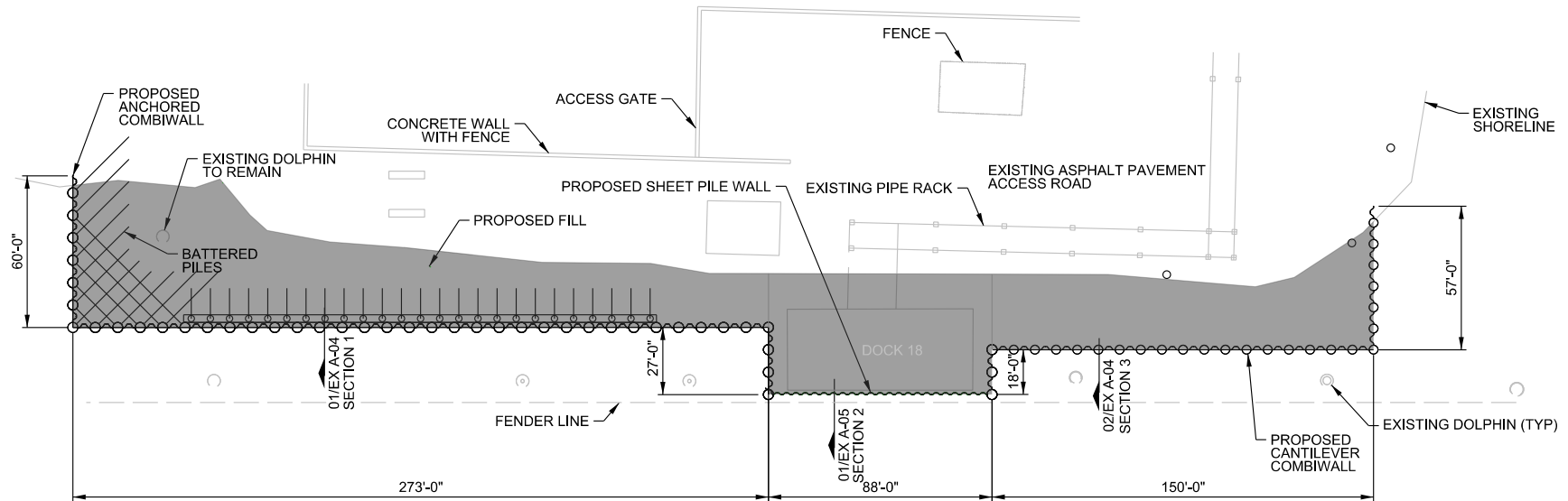
EXHIBIT A - EXISTING PLAN VIEW
SHEET 2 OF 7

APPROVED:

SHORELINE STABILIZATION
AREA A - DOCK 18
PORT OF TEXAS CITY
TEXAS CITY TERMINAL RAILWAY COMPANYDATE:
08/08/2016LJA PROJ. #:
707-1007REV:
A**LJA Engineering, Inc.**Midstream Infrastructure
905 Orleans Street
Beaumont, Texas 77701Phone 409.813.1862
Fax 409.813.1916
FRN - F-1386

**LEGEND**

■ PROPOSED GRANULAR FILL &
CRUSHED CONCRETE FILL & STEEL
(VOLUME BELOW MHHW = 5500 CY)



01 AREA A - PROPOSED SITE PLAN
SCALE: 1" = 60'-0"

EXHIBIT A - PROPOSED PLAN VIEW
SHEET 3 OF 7

APPROVED:

SHORELINE STABILIZATION
AREA A - DOCK 18
PORT OF TEXAS CITY
TEXAS CITY TERMINAL RAILWAY COMPANY

DATE:
08/08/16

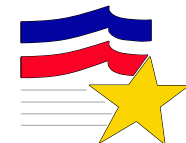
LJA PROJ. #:
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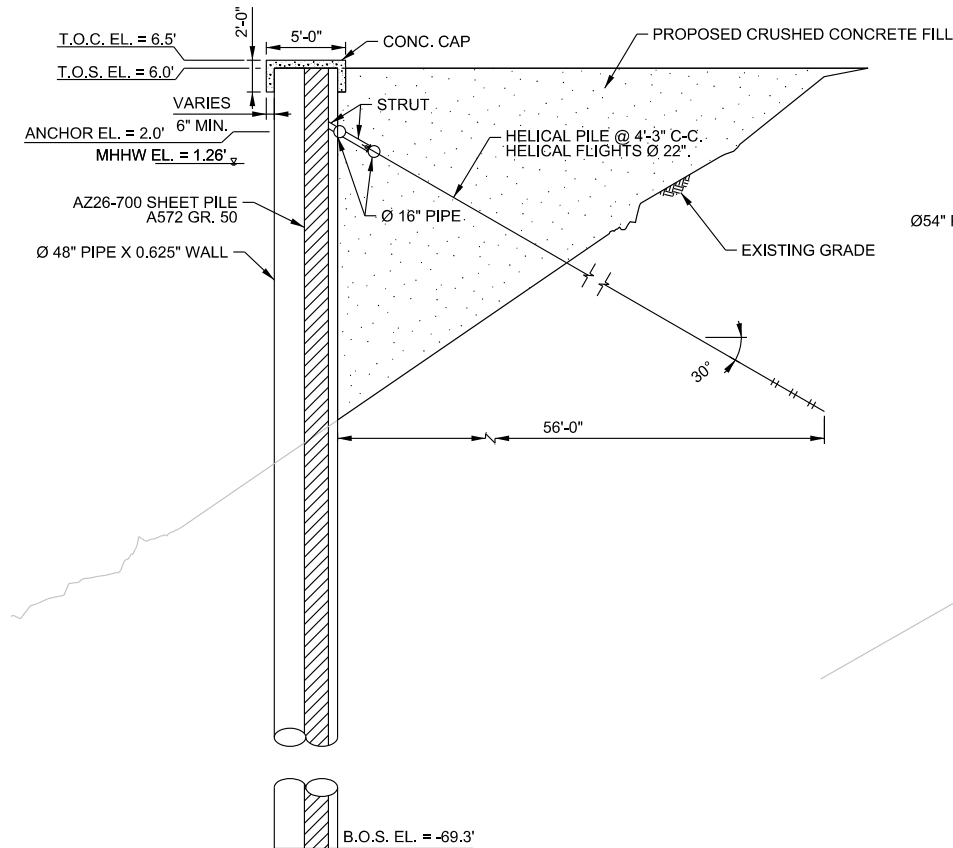
REV:
A

LJA Engineering, Inc.

Midstream Infrastructure
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Beaumont, Texas 77701

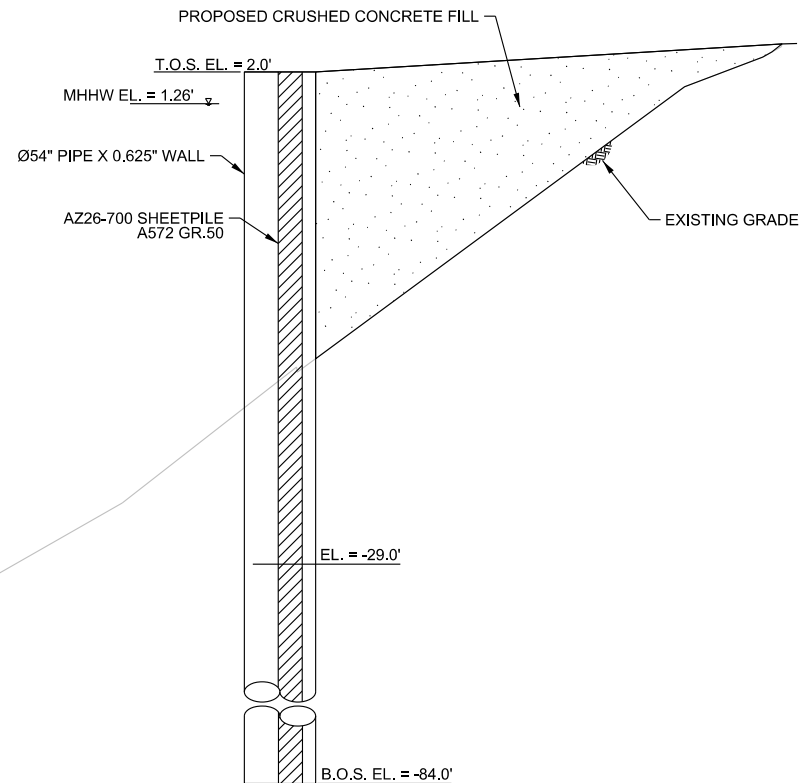
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01 AREA A - SECTION 1

SCALE: N.T.S.
(REF. EX A-03 PROPOSED PLAN VIEW)
ELEVATIONS REFERENCE NAVD88.



02 AREA A - SECTION 3

SCALE: N.T.S.
(REF. EX A-03 PROPOSED PLAN VIEW)
ELEVATIONS REFERENCE NAVD88.

EXHIBIT A - CROSS SECTIONS
SHEET 4 OF 7

SHORELINE STABILIZATION
AREA A - DOCK 18
PORT OF TEXAS CITY
TEXAS CITY TERMINAL RAILWAY COMPANY

LJA Engineering, Inc.

Midstream Infrastructure
905 Orleans Street
Beaumont, Texas 77701

Phone 409.813.1862
Fax 409.813.1916
FRN - F-1386

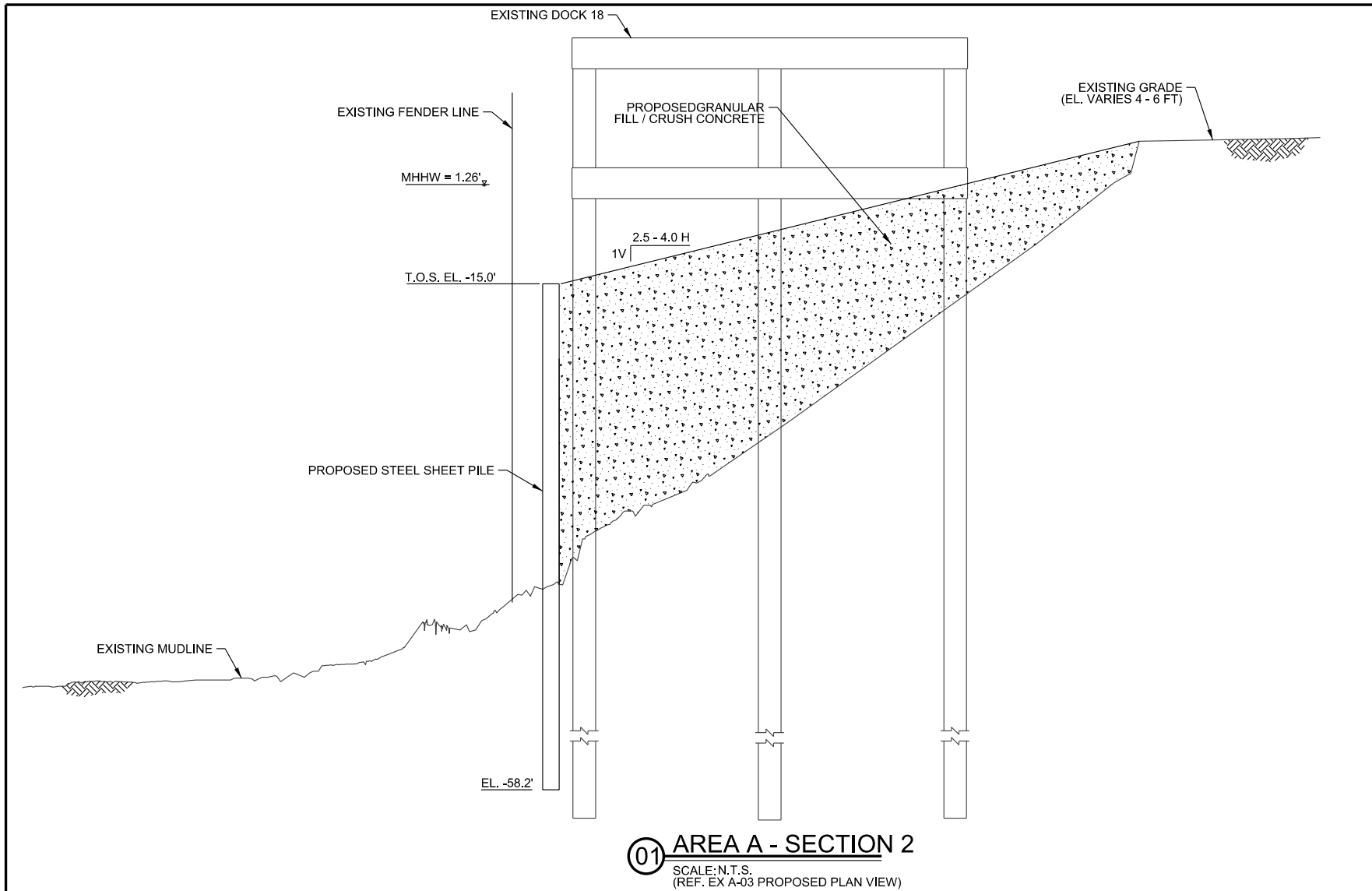


APPROVED:

DATE:
08/08/16

LJA PROJ. #:
707-1007

REV:
A

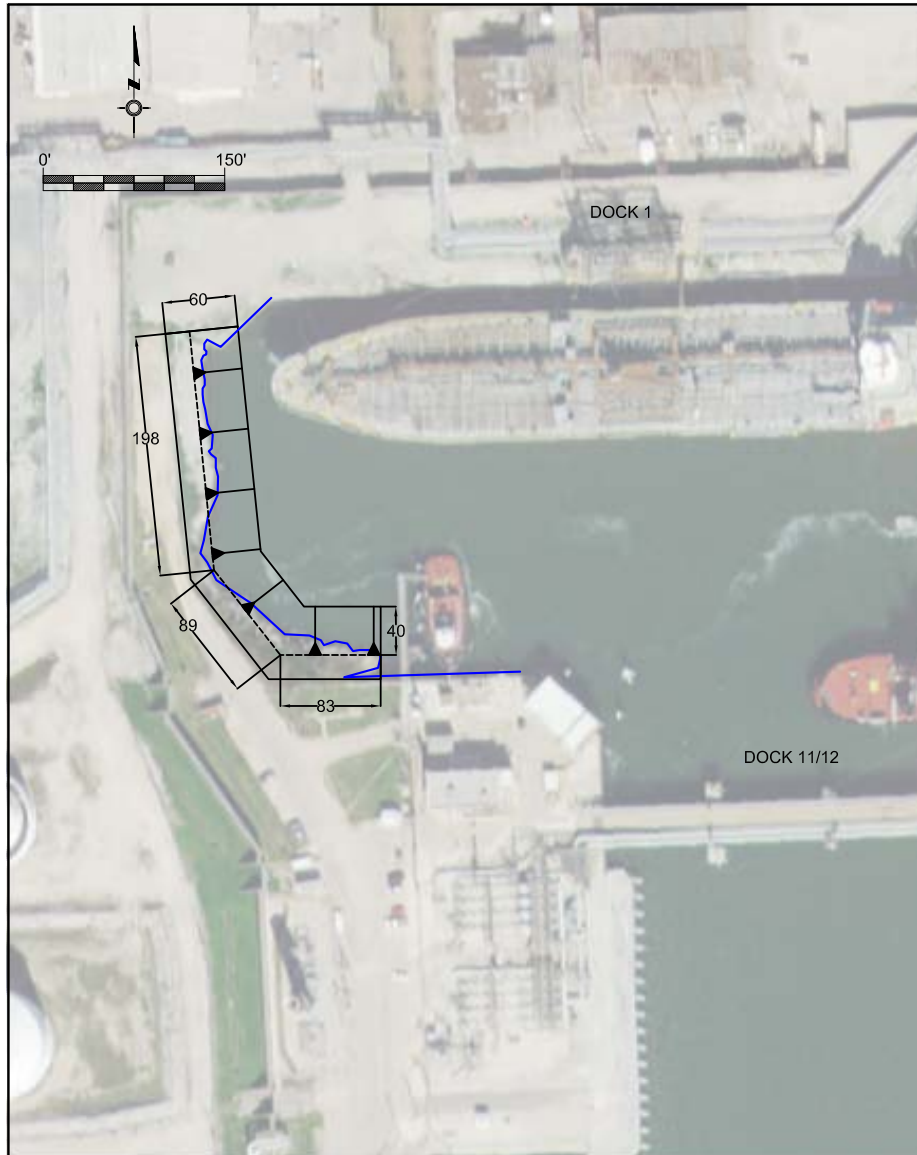
EXHIBIT A - CROSS SECTIONS
SHEET 5 OF 7

APPROVED:

SHORELINE STABILIZATION
AREA A - DOCK 18
PORT OF TEXAS CITY
TEXAS CITY TERMINAL RAILWAY COMPANYDATE:
08/10/16LJA PROJ. #:
707-1007REV:
A**LJA Engineering, Inc.**Midstream Infrastructure
905 Orleans Street
Beaumont, Texas 77701Phone 409.813.1862
Fax 409.813.1916
FRN - F-1386

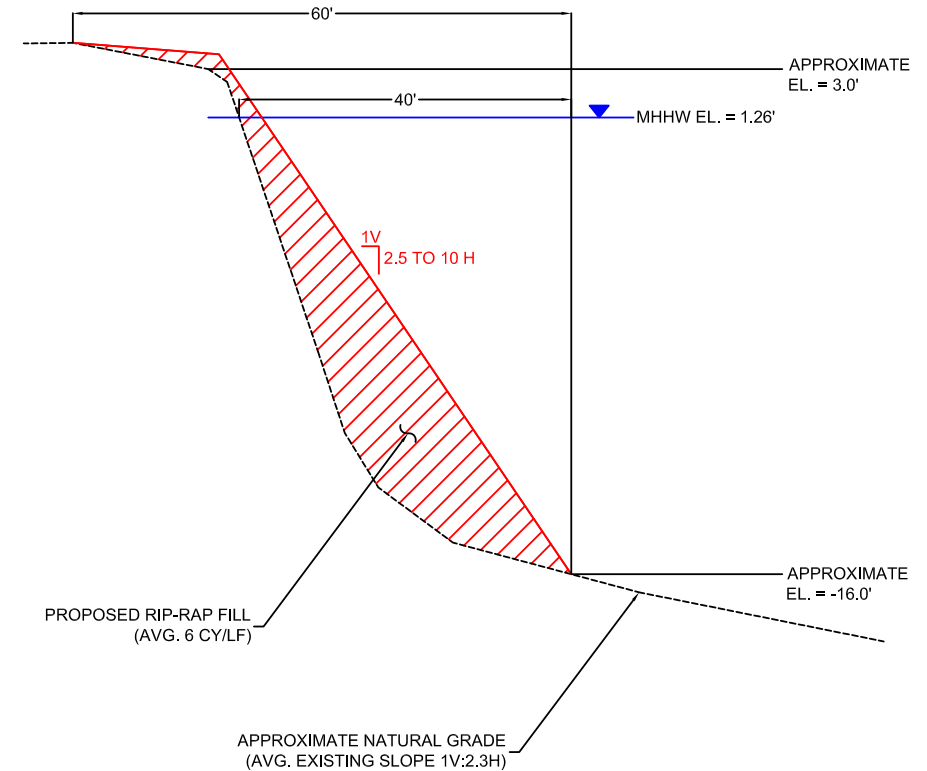
PLANS

6 of 7



01 AREA B - SITE PLAN
SCALE: 1" = 150'-0"

- LEGEND**
- PROPOSED RIP-RAP FILL
(VOLUME = 2300 CY)
 - MEAN HIGHER HIGH WATER (MHHW)



02 AREA B - PROFILE
NOT TO SCALE

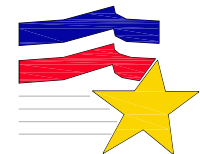
EXHIBIT A - PLAN AND PROFILE
SHEET 6 OF 7

SHORELINE STABILIZATION
AREA B
PORT OF TEXAS CITY
TEXAS CITY TERMINAL RAILWAY COMPANY

LJA Engineering, Inc.

Midstream Infrastructure
905 Orleans Street
Beaumont, Texas 77701

Phone 409.813.1862
Fax 409.813.1916
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APPROVED:

DATE:
08/08/16

LJA PROJ. #:
707-1012

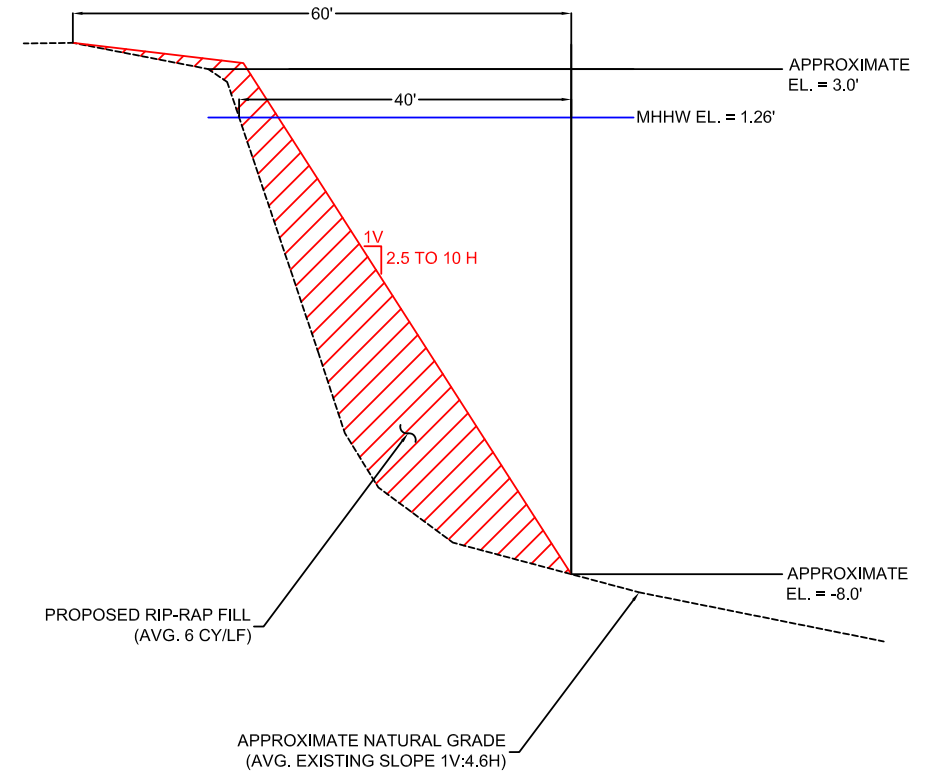
REV:
A

PLANS

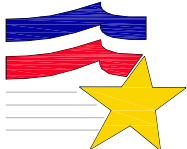


01 AREA C - SITE PLAN
SCALE: 1" = 150'-0"

- LEGEND**
- PROPOSED RIP-RAP FILL
(VOLUME = 4000 CY)
 - MEAN HIGHER HIGH WATER (MHHW)
 - POTENTIAL WETLAND IMPACTS
(APPROX. AREA = 0.08 AC)



02 AREA C - PROFILE
NOT TO SCALE

EXHIBIT A - PLAN AND PROFILE SHEET 7 OF 7	SHORELINE STABILIZATION AREA C PORT OF TEXAS CITY TEXAS CITY TERMINAL RAILWAY COMPANY			LJA Engineering, Inc. Midstream Infrastructure 905 Orleans Street Beaumont, Texas 77701 Phone 409.813.1862 Fax 409.813.1916 FRN - F-1386	
APPROVED:	DATE: 08/08/2016	LJA PROJ. #: 707-1012	REV: A		