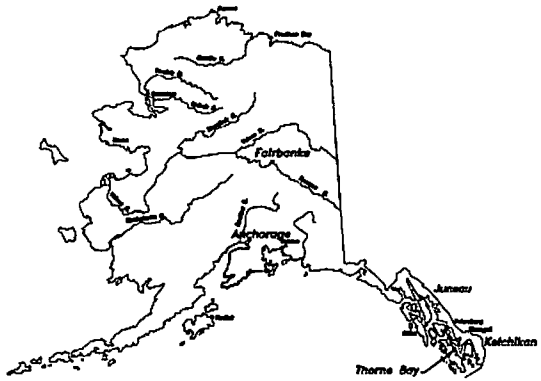
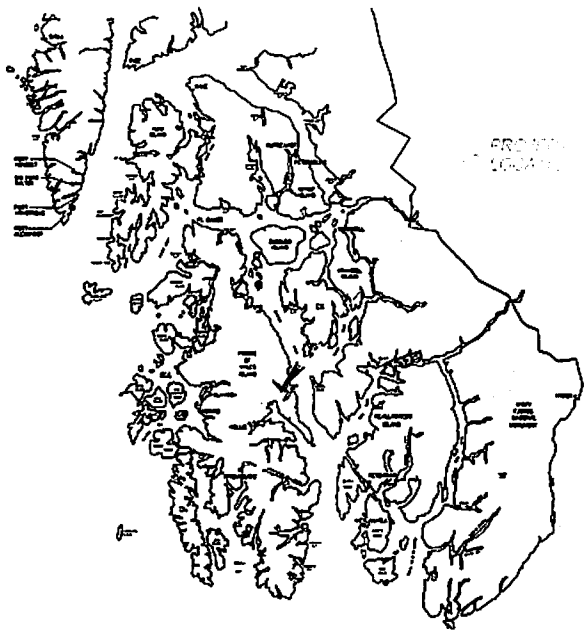
CITY OF THORNE BAY, ALASKA

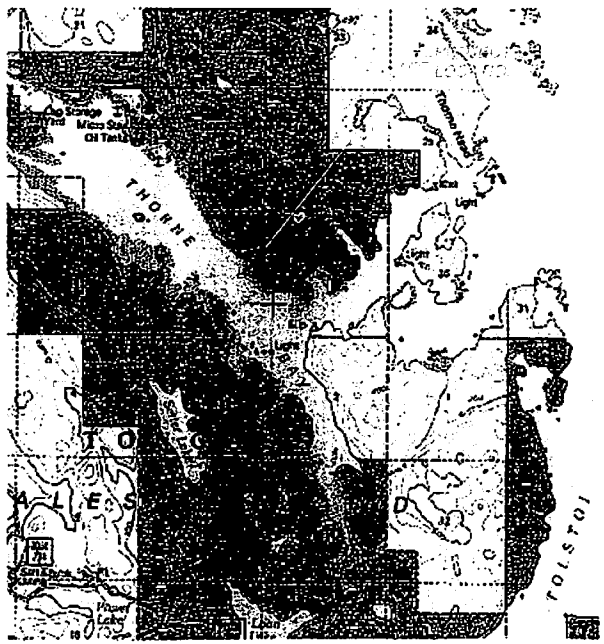
DAVIDSON LANDING HARBOR MODIFICATIONS

SHEET INDEX

SHEET 1	COVER SHEET
SHEET 2	EXISTING CONDITIONS
SHEET 3	SITE PLAN
SHEET 4	PIER AND APPROACH PLAN
SHEET 5	DETAILS
SHEET 6	DETAILS







Date	No.	Description	By
		REVISION	

Designed: TSS | Approved: TSS
Drawn: TSS | Scale: AS NOTED | Date: 1/7/08
Checked: TSS | Project No. 082337

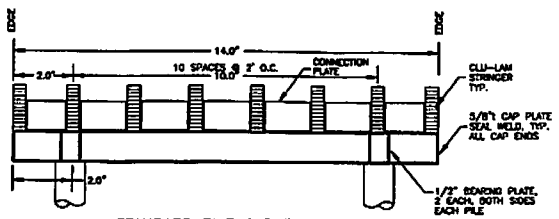
RSM ENGINEERING-KETCHIKAN, INC.
335 CARLANNA LAKE ROAD
KETCHIKAN, ALASKA 99901

Client: CITY OF THORNE BAY

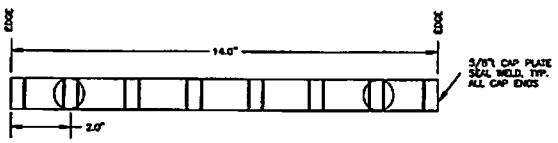
Project: DAVIDSON LANDING HARBOR IMPROVEMENTS

Sheet Description: COVER SHEET

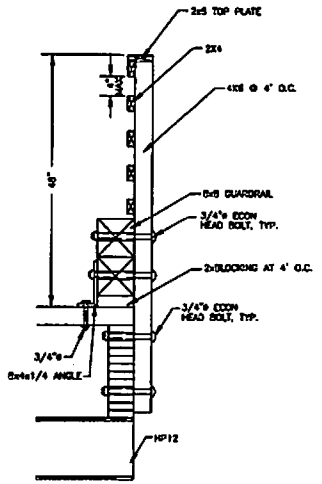
Sheet No. C1



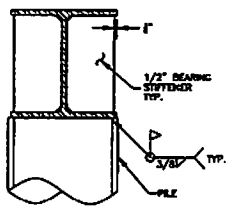
STANDARD PILE CAP ELEVATION



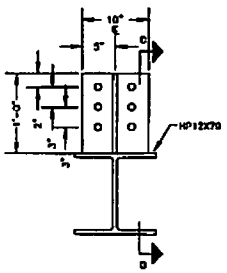
STANDARD PILE CAP



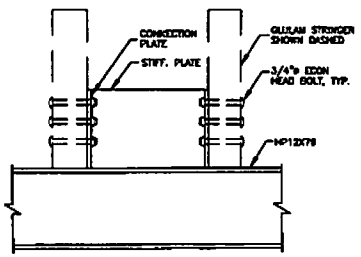
GUARDRAIL AND HANDRAIL DETAIL



CAP SECTION AT NEW PILE



STRINGER CONNECTION PLATE



SECTION D-D\

Date	No.	Description	By
		REVISION	

Designed: TSS | Approved: TSS
Drawn: TSS | Scale: | Date: 1/7/08
Checked: TSS | Project No. 062337

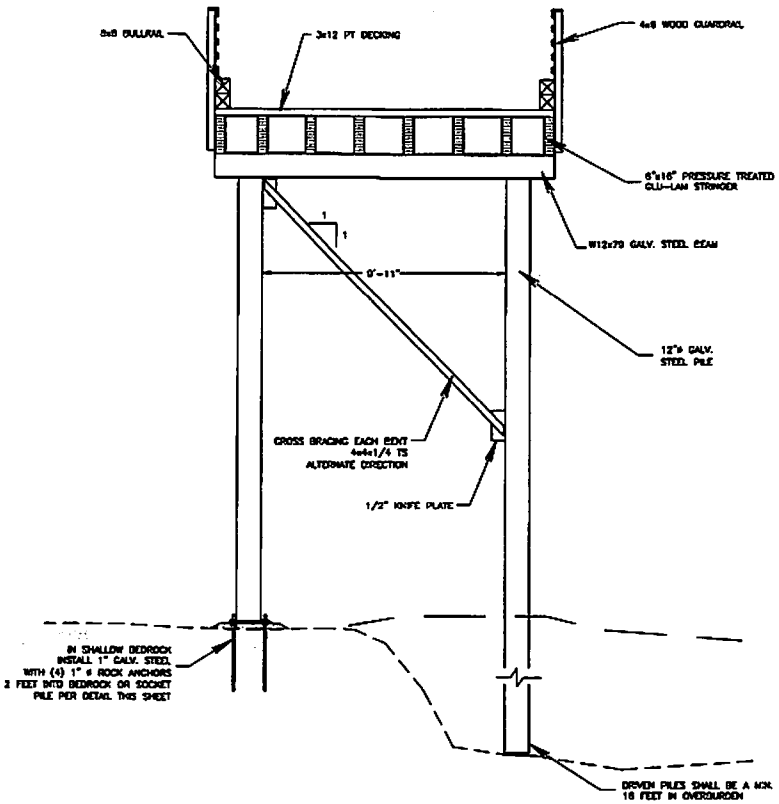
RSM ENGINEERING-KETCHIKAN, INC.
335 CARLANNA LAKE ROAD
KETCHIKAN, ALASKA 99901

Client: CITY OF THORNE BAY

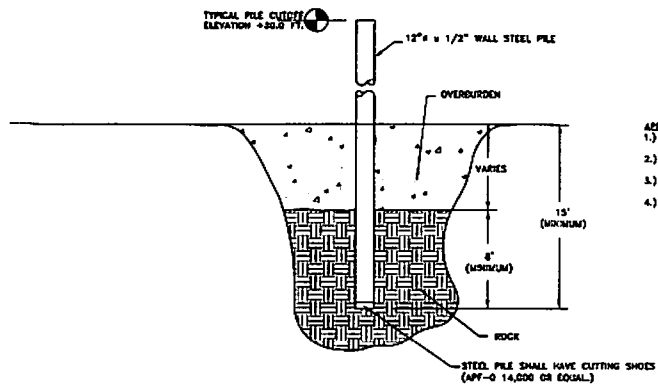
Project: DAVIDSON LANDING HARBOR IMPROVEMENTS

Sheet Description: DETAILS

Sheet No. C6

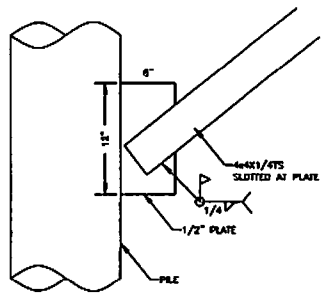


SECTION VIEW
TYPICAL 14' WIDE PIER



STEEL PILE SOCKET DETAIL
N.T.S.

APPROVED PLACEMENT
1.) DRILL SOCKET 14" ø, CLEAN OUT HOLE, DRIVE PILE TO BOTTOM OF SOCKET, OR
2.) DRILL SOCKET THROUGH PILE, USING PILE AS CASING, OR
3.) IF CUTTING SHOE WILL OBTAIN PENETRATION, IT MAY BE USED WITHOUT SOCKETING.
4.) PENETRATION MAY BE OBTAINED BY DRILLING AND SHOOTING TO TOE OF PILE AS LONG AS PILE ALIGNMENT IS NOT COMPROMISED.



CORSS BRACE ATTACHMENT
AT NEW PILE

Date	No.	Description	By
		REVISION	

Designed: TSS | Approved: TSS
Drawn: TSS | Scale: | Date: 1/7/08
Checked: TSS | Project No. 052337

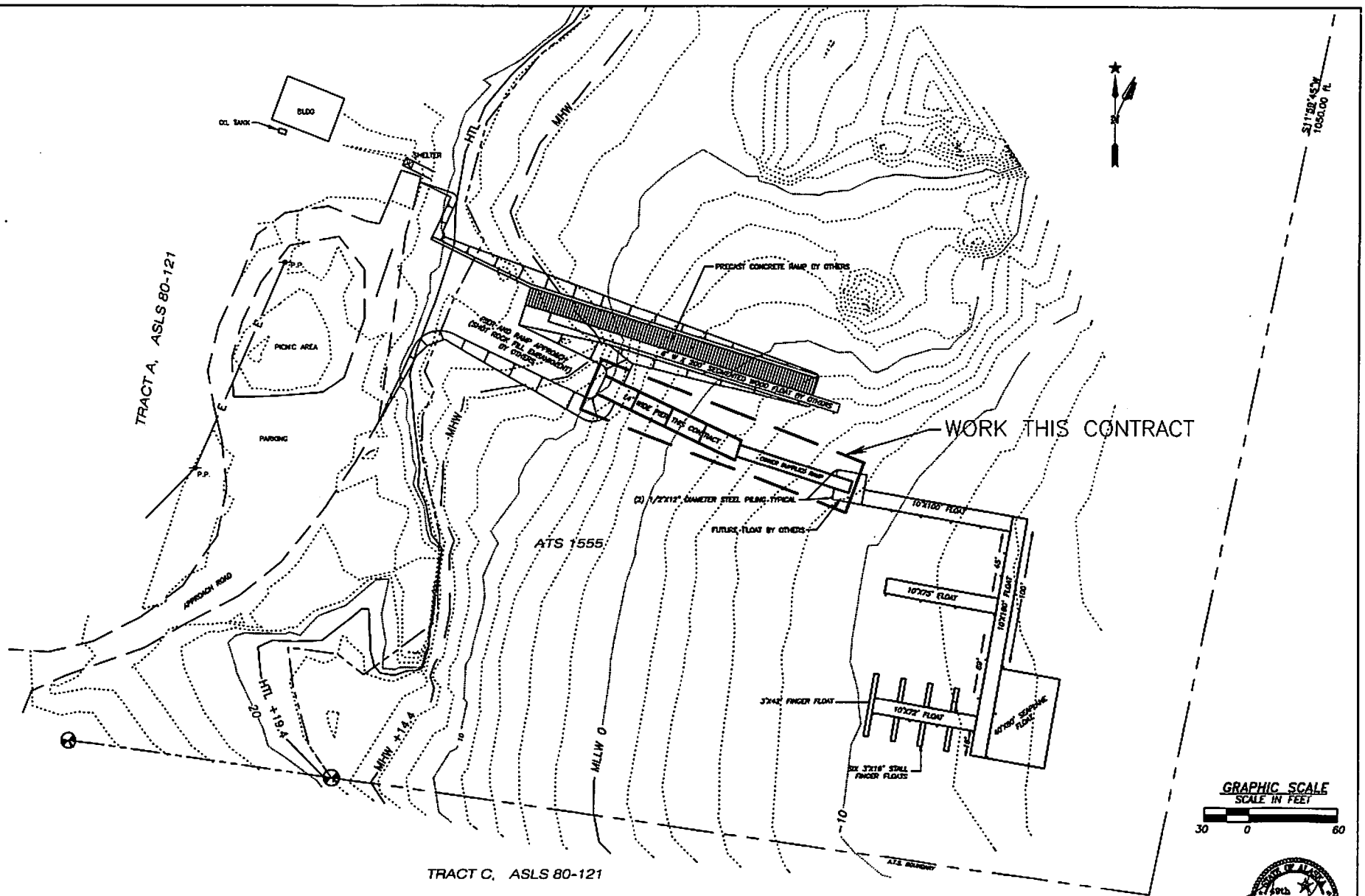
R&M ENGINEERING-KETCHIKAN, INC.
333 CARLANNA LAKE ROAD
KETCHIKAN, ALASKA 99901

Client: CITY OF THORNE BAY

Project: DAVIDSON LANDING HARBOR IMPROVEMENTS

Sheet Description: DETAILS

Sheet No. C5



Date	No.	Description	By
		REVISION	

Designed: TSS | Approved: TSS
Drawn: TSS | Scale: 1" = 60' | Date: 1/7/06
Checked: TSS | Project No. 052337

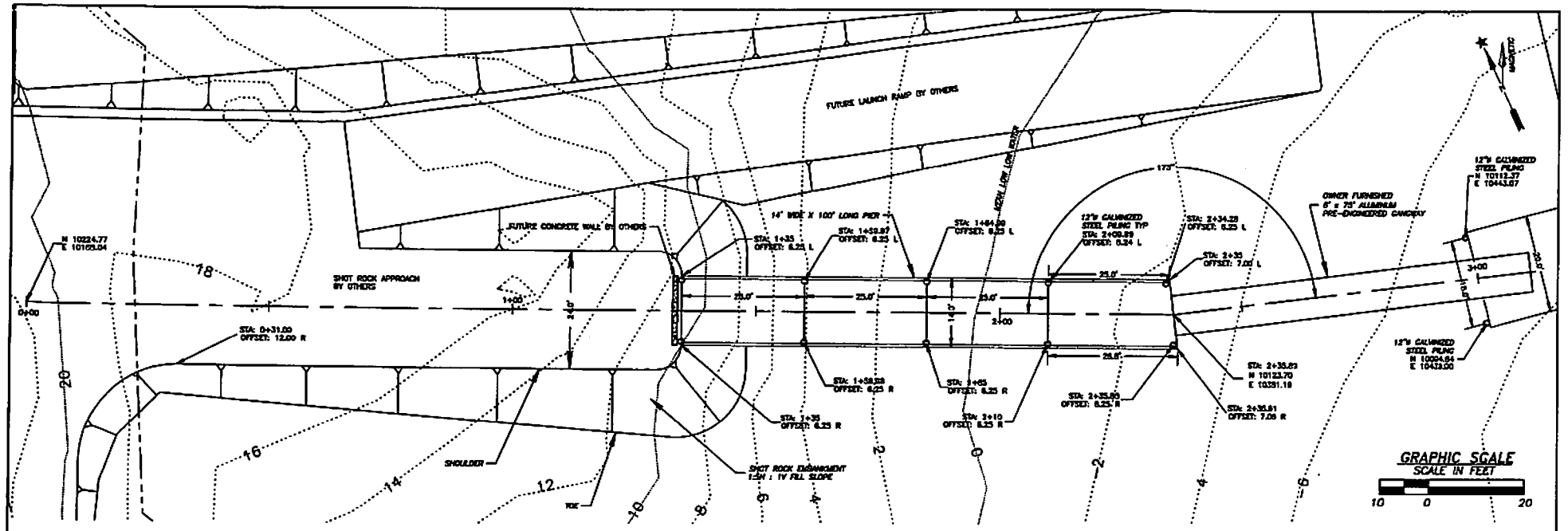
RSM ENGINEERING-KETCHIKAN, INC.
333 CARLANNA LAKE ROAD
KETCHIKAN, ALASKA 99901

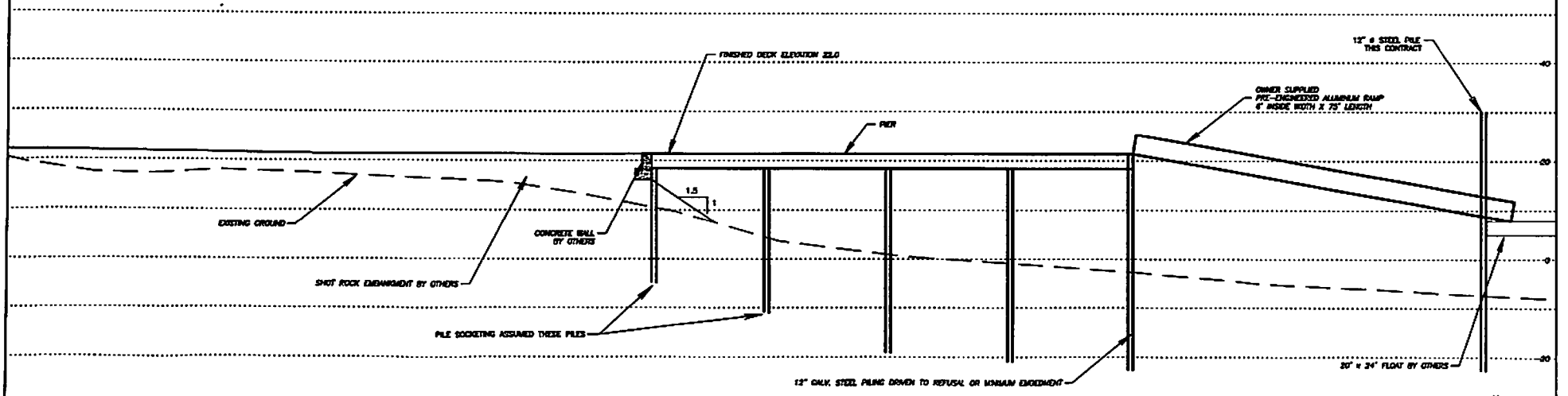
Client: CITY OF THORNE BAY

Project: DAVIDSON LANDING HARBOR IMPROVEMENTS

Sheet Description: SITE PLAN

Sheet No. C3





SECTION A-A

Date	No.	Description	By
		REVISION	

Designed: TSS | Approved: TSS
Drawn: TSS | Scale: 1" = 20' | Date: 1/7/08
Checked: TSS | Project No. 062337

PDC Engineering
8244 ENGINEERING-KETCHIKAN, INC.
353 CARLANNA LAKE ROAD
KETCHIKAN, ALASKA 99901

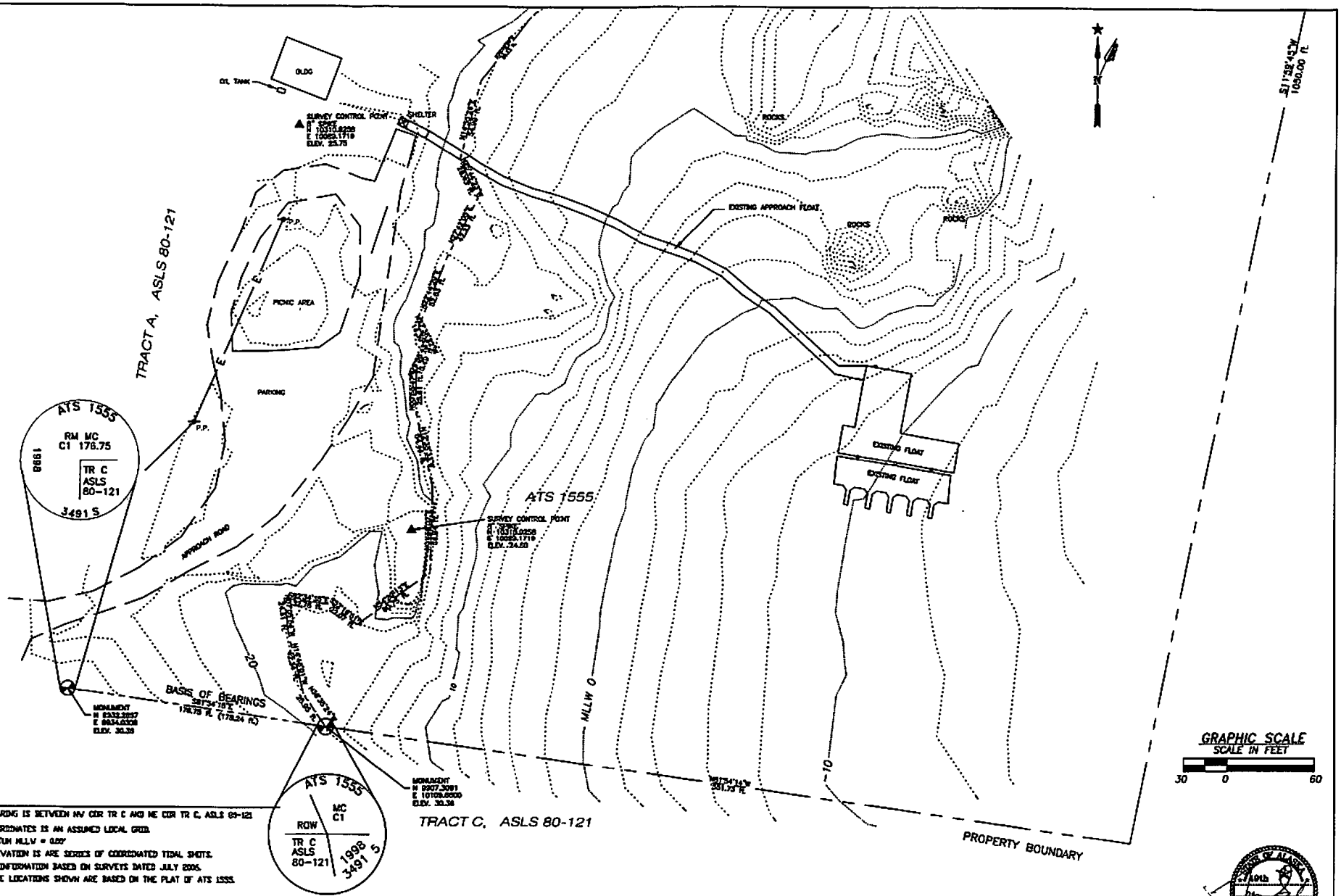
Client: CITY OF THORNE BAY

Project: DAVIDSON LANDING HARBOR IMPROVEMENTS

Sheet Description: PIER & APPROACH PLAN

Sheet No. C4

TREVOR SANDS OF 07/9



NOTES:

1. BASIS OF BEARING IS BETWEEN NW COR TR C AND NE COR TR C, ASLS 80-121
2. BASIS OF COORDINATES IS AN ASSUMED LOCAL GRID.
3. VERTICAL DATUM MLLW = 0.00'
4. BASIS OF ELEVATION IS ARE SERIES OF COORDINATED TIDAL SHOTS.
5. TOPOGRAPHIC INFORMATION BASED ON SURVEYS DATED JULY 2006.
6. PROPERTY LINE LOCATIONS SHOWN ARE BASED ON THE PLAT OF ATS 1555.

Date	No.	Description	By
		REVISION	

Designed: TSS | Approved: TSS
Drawn: TSS | Scale: 1" = 40' | Date: 1/7/08
Checked: TSS | Project No. 062337

RSM
RSM ENGINEERING-KETCHIKAN, INC.
338 CARLANNA LAKE ROAD
KETCHIKAN, ALASKA 99901

Client: CITY OF THORNE BAY

Project: DAVIDSON LANDING HARBOR IMPROVEMENTS

Sheet Description: EXISTING CONDITIONS

Sheet No. C2