

VICINITY MAP
NOT TO SCALE

DIRECTIONS

FROM I-5, TAKE EXIT 111 FOR MARVIN ROAD SOUTH TOWARD YELM. TURN ONTO MARVIN RD NE, CONTINUE ON UNTIL ARRIVAL AT PACIFIC AVE TRAFFIC CIRCLE, TAKE 3rd EXIT ONTO WA-510 E / PACIFIC AVE. CONTINUE ON PACIFIC AVE TO A SLIGHT RIGHT ONTO MERIDIAN RD SE, DRIVE 2.6 MILES, TURN LEFT ONTO YELM HWY SE. CONTINUE 1.1 MILES, TURN LEFT ONTO REHKLAU RD SE. DRIVE APPROXIMATELY 0.8 MILE TO SITE WHERE ACCESS IS ON BOTH SIDES OF ROAD.

SECTION 31 & 32

PORTION OF: T. 18 N., R. 1 E. WM

ENG. PROJECT NO. TN:A561:16-1

REFERENCE NUMBER:
APPLICANT:
WASHINGTON DEPT. of FISH & WILDLIFE
600 CAPITOL WAY N.
OLYMPIA, WA 98501-1091

PROJECT LOCATION (ADDRESS):
LAKE SAINT CLAIR ACCESS
REHKLAU RD SE
OLYMPIA WA 98513

PROPOSED PROJECT:
ACCESS SITE RENOVATION

ADJACENT PROPERTY OWNER:

1. RESIDENTIAL

2

LAT/LONG: N46°59'55.943", W122°43'00.3423"

DATUM: NAVD 88

SHEET 1 OF 13

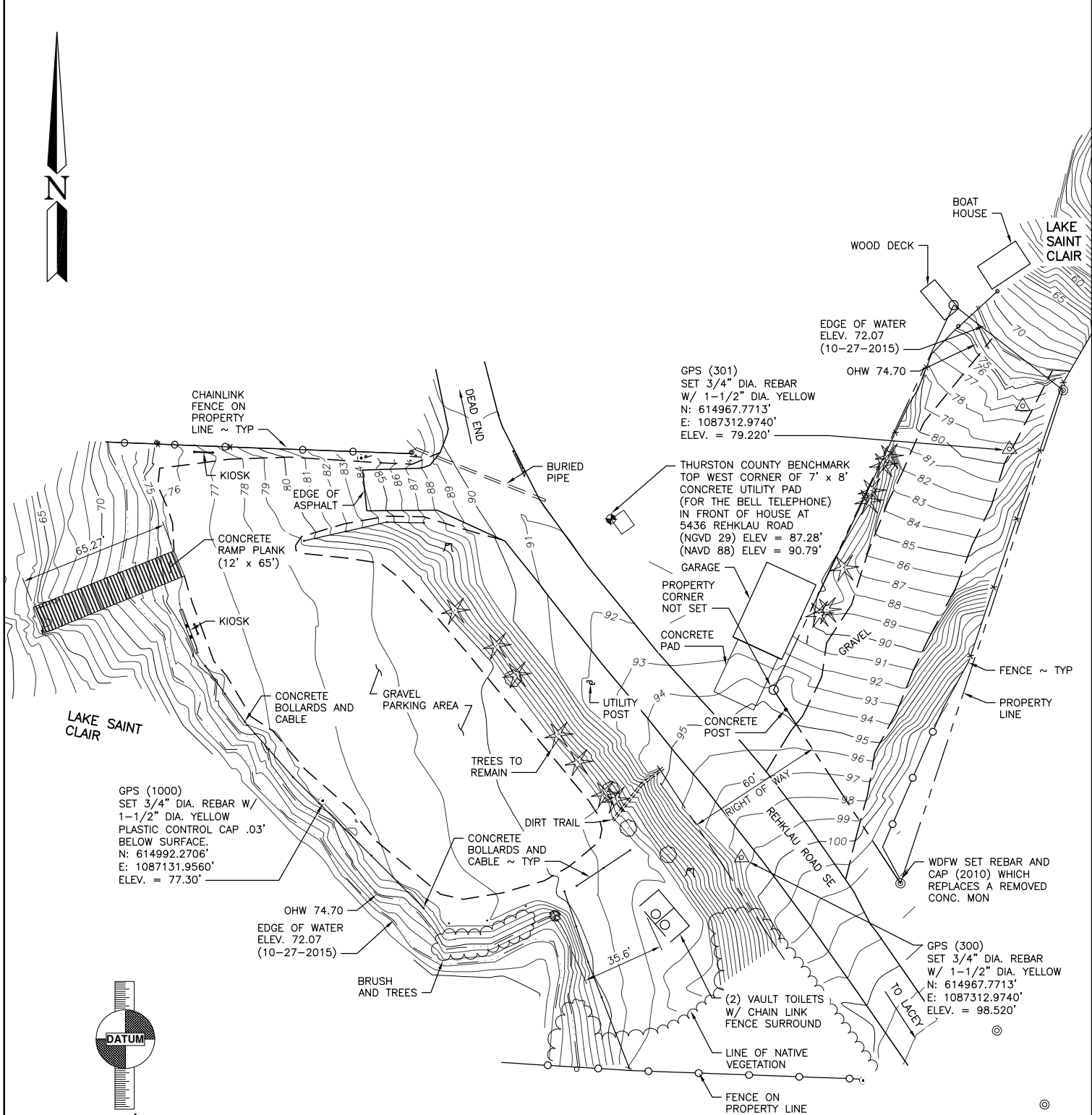
DATE: 7/12/2016

IN: LAKE SAINT CLAIR

NEAR/AT: OLYMPIA

COUNTY: THURSTON

STATE: WA



CHAINLINK FENCE ON PROPERTY LINE ~ TYP

KIOSK

CONCRETE RAMP PLANK (12' x 65')

KIOSK

CONCRETE BOLLARDS AND CABLE

GPS (1000)
SET 3/4" DIA. REBAR W/
1-1/2" DIA. YELLOW
PLASTIC CONTROL CAP .03'
BELOW SURFACE.
N: 614992.2706'
E: 1087131.9560'
ELEV. = 77.30'

OHW 74.70
EDGE OF WATER
ELEV. 72.07
(10-27-2015)

BRUSH AND TREES

DEAD END

BURIED PIPE

GRAVEL PARKING AREA

TREES TO REMAIN

DIRT TRAIL

CONCRETE BOLLARDS AND CABLE ~ TYP

UTILITY POST

CONCRETE POST

(2) VAULT TOILETS
W/ CHAIN LINK
FENCE SURROUND

LINE OF NATIVE VEGETATION

GPS (301)
SET 3/4" DIA. REBAR
W/ 1-1/2" DIA. YELLOW
N: 614967.7713'
E: 1087312.9740'
ELEV. = 79.220'

THURSTON COUNTY BENCHMARK
TOP WEST CORNER OF 7' x 8'
CONCRETE UTILITY PAD
(FOR THE BELL TELEPHONE)
IN FRONT OF HOUSE AT
5436 REHKLAU ROAD
(NGVD 29) ELEV = 87.28'
(NAVD 88) ELEV = 90.79'

GARAGE

PROPERTY CORNER NOT SET

CONCRETE PAD

UTILITY POST

CONCRETE POST

RIGHT OF WAY
REHKLAU ROAD SE

(2) VAULT TOILETS
W/ CHAIN LINK
FENCE SURROUND

FENCE ON PROPERTY LINE

WOOD DECK

BOAT HOUSE

EDGE OF WATER
ELEV. 72.07
(10-27-2015)

OHW 74.70

GRAVEL

CONCRETE PAD

UTILITY POST

CONCRETE POST

RIGHT OF WAY
REHKLAU ROAD SE

(2) VAULT TOILETS
W/ CHAIN LINK
FENCE SURROUND

FENCE ON PROPERTY LINE

BOAT HOUSE

EDGE OF WATER
ELEV. 72.07
(10-27-2015)

OHW 74.70

GRAVEL

CONCRETE PAD

UTILITY POST

CONCRETE POST

RIGHT OF WAY
REHKLAU ROAD SE

(2) VAULT TOILETS
W/ CHAIN LINK
FENCE SURROUND

FENCE ON PROPERTY LINE

FENCE ON PROPERTY LINE

FENCE ON PROPERTY LINE

FENCE ON PROPERTY LINE

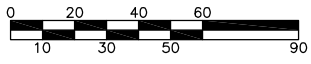
FENCE ON PROPERTY LINE

FENCE ON PROPERTY LINE

FENCE ON PROPERTY LINE



NAVD '88

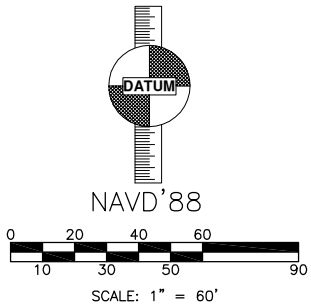
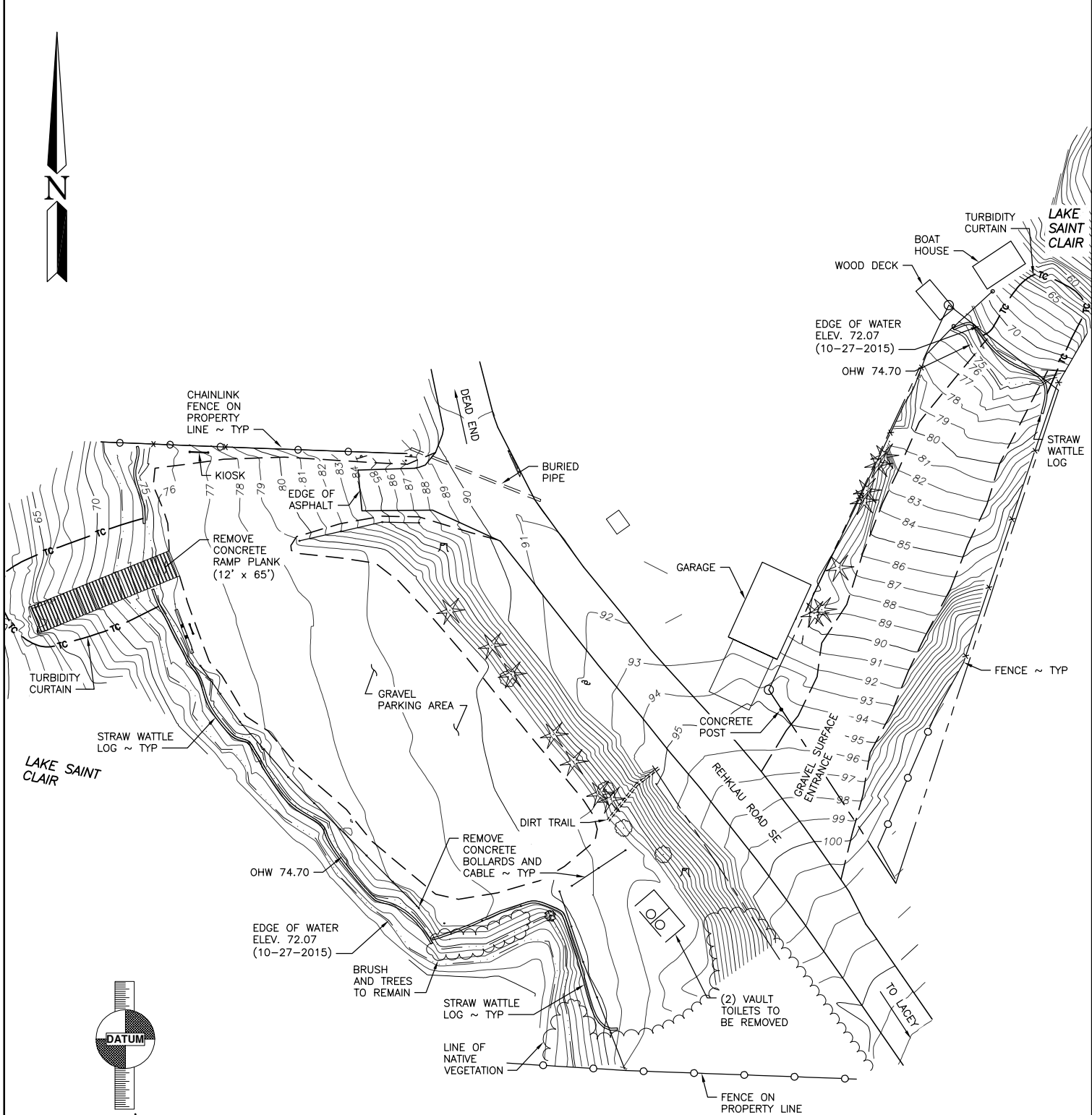


SCALE: 1" = 60'

EXISTING SITE PLAN

SCALE: 1" = 60'

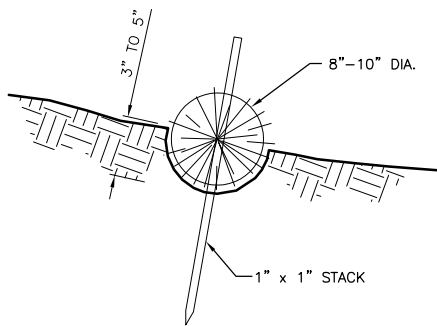
REFERENCE NUMBER:
 APPLICANT NAME:
WASHINGTON DEPT. of FISH & WILDLIFE
 PROPOSED PROJECT:
ACCESS SITE RENOVATION
 LOCATION: LAKE SAINT CLAIR
 SHEET 2 OF 13 DATE: 7/12/2016



EROSION CONTROL / DEMO PLAN

SCALE: 1" = 60'

REFERENCE NUMBER:
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ACCESS SITE RENOVATION
 LOCATION: LAKE SAINT CLAIR
 SHEET 3 OF 13 DATE: 7/12/2016

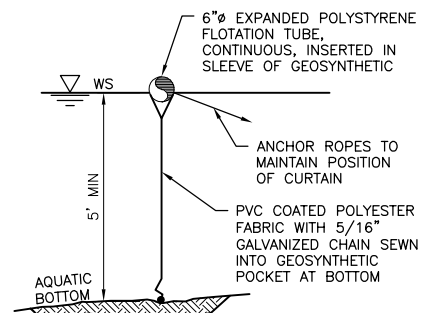


STRAW WATTLE DETAIL

NOT TO SCALE

CONSTRUCTION SPECIFICATIONS:

1. PREPARE THE SLOPE BEFORE THE WATTLING PROCEDURE IS STARTED.
2. SHALLOW GULLIES SHOULD BE SMOOTHED AS WORK PROGRESSES.
3. DIG SMALL TRENCHES ACROSS THE SLOPE ON CONTOUR, TO PLACE ROLLS IN. THE TRENCH SHOULD BE DEEP ENOUGH TO ACCOMMODATE HALF THE THICKNESS OF THE ROLL. WHEN THE SOIL IS LOOSE AND UNCOMPACTED, THE TRENCH SHOULD BE DEEP ENOUGH TO BURY THE ROLL 2/3 OF ITS THICKNESS BECAUSE THE GROUND WILL SETTLE.
4. IT IS CRITICAL THAT ROLLS ARE INSTALLED PERPENDICULAR TO WATER MOVEMENT, PARALLEL TO THE SLOPE CONTOUR.
5. START BUILDING TRENCHES AND INSTALL ROLLS FROM THE BOTTOM OF THE SLOPE AND WORK UP.
6. CONSTRUCT TRENCHES AT CONTOUR INTERVALS OF 3-12 FEET APART DEPENDING ON STEEPNESS OF SLOPE. THE STEEPER THE SLOPE, THE CLOSER TOGETHER THE TRENCHES. 1:1=10' 2:1=20' 3:1=30' 4:1=40'
7. LAY THE ROLL ALONG THE TRENCHES FITTING IT SNUGLY AGAINST THE SOIL. MAKE SURE NO GAPS EXIST BETWEEN THE SOIL AND THE STRAW WATTLE.
8. USE A STRAIGHT BAR TO DRIVE HOLES THROUGH THE WATTLE AND INTO THE SOIL FOR THE WILLOW OR WOODEN STAKES.
9. DRIVE THE STAKE THROUGH PREPARED HOLE INTO SOIL. LEAVE ONLY 1 OR 2 INCHES OF STAKE EXPOSED ABOVE ROLL.
10. IF USING WILLOW STAKES REFER TO LIVE STAKING BEST MANAGEMENT PRACTICES.
11. INSTALL STAKES AT LEAST EVERY 4 FEET APART THROUGH THE WATTLE. ADDITIONAL STAKES MAY BE DRIVEN ON THE DOWNSLOPE SIDE OF THE TRENCHES ON HIGHLY EROSION OR VERY STEEP SLOPES.
12. INSPECT THE STRAW ROLLS AND THE SLOPES AFTER SIGNIFICANT STORMS. MAKE SURE THE ROLLS ARE IN CONTACT WITH THE SOIL.
13. REPAIR ANY RILLS OR GULLYS PROMPTLY.
14. RESEED OR REPLANT VEGETATION IF NECESSARY UNTIL THE SLOPE IS STABILIZED.



TURBIDITY CURTAIN

NOT TO SCALE



NOTES:

1. FABRIC IS 22 OZ/YD²

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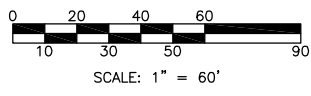
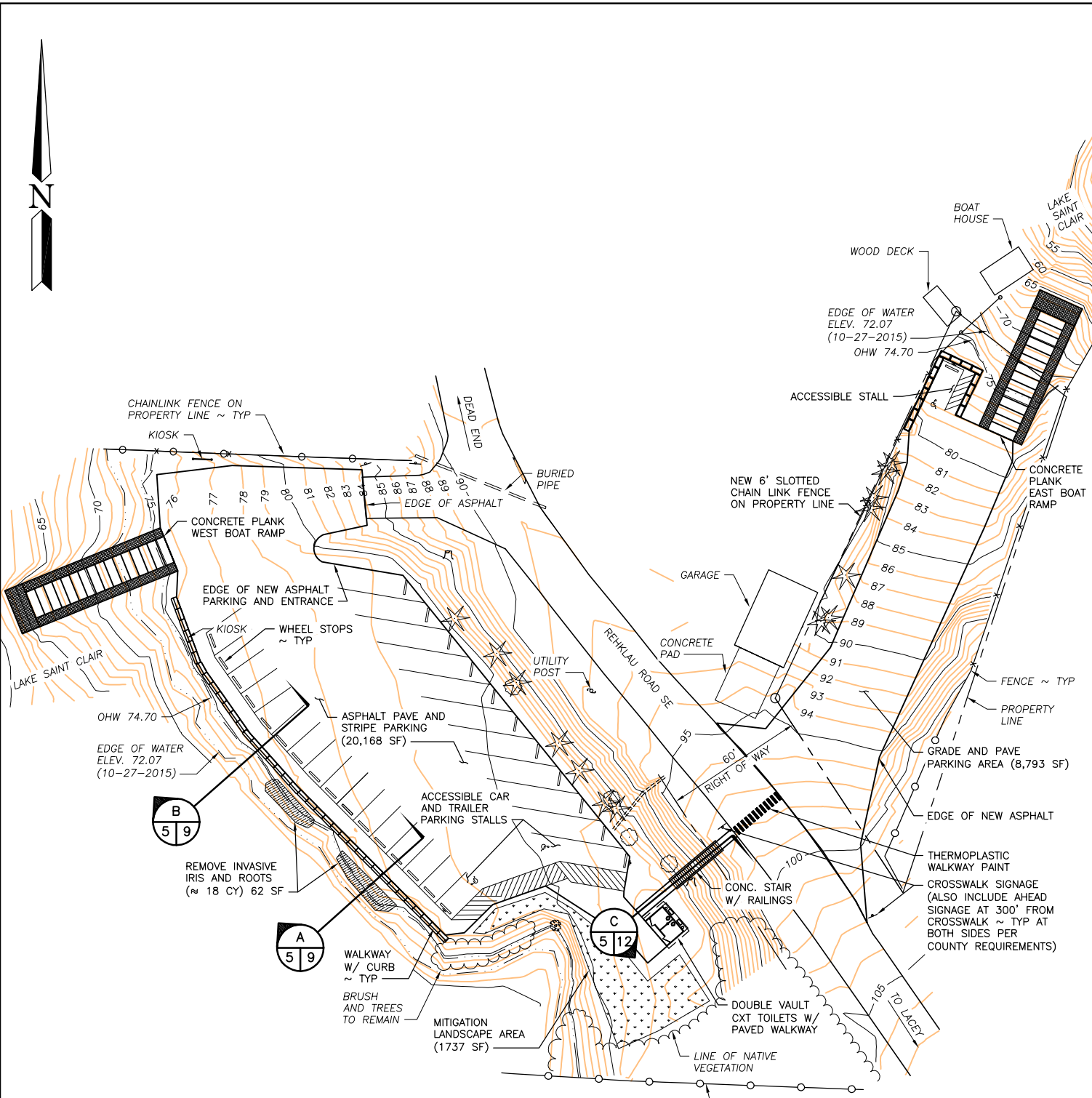
PROPOSED PROJECT:

ACCESS SITE RENOVATION

LOCATION:

SHEET 4 OF 13

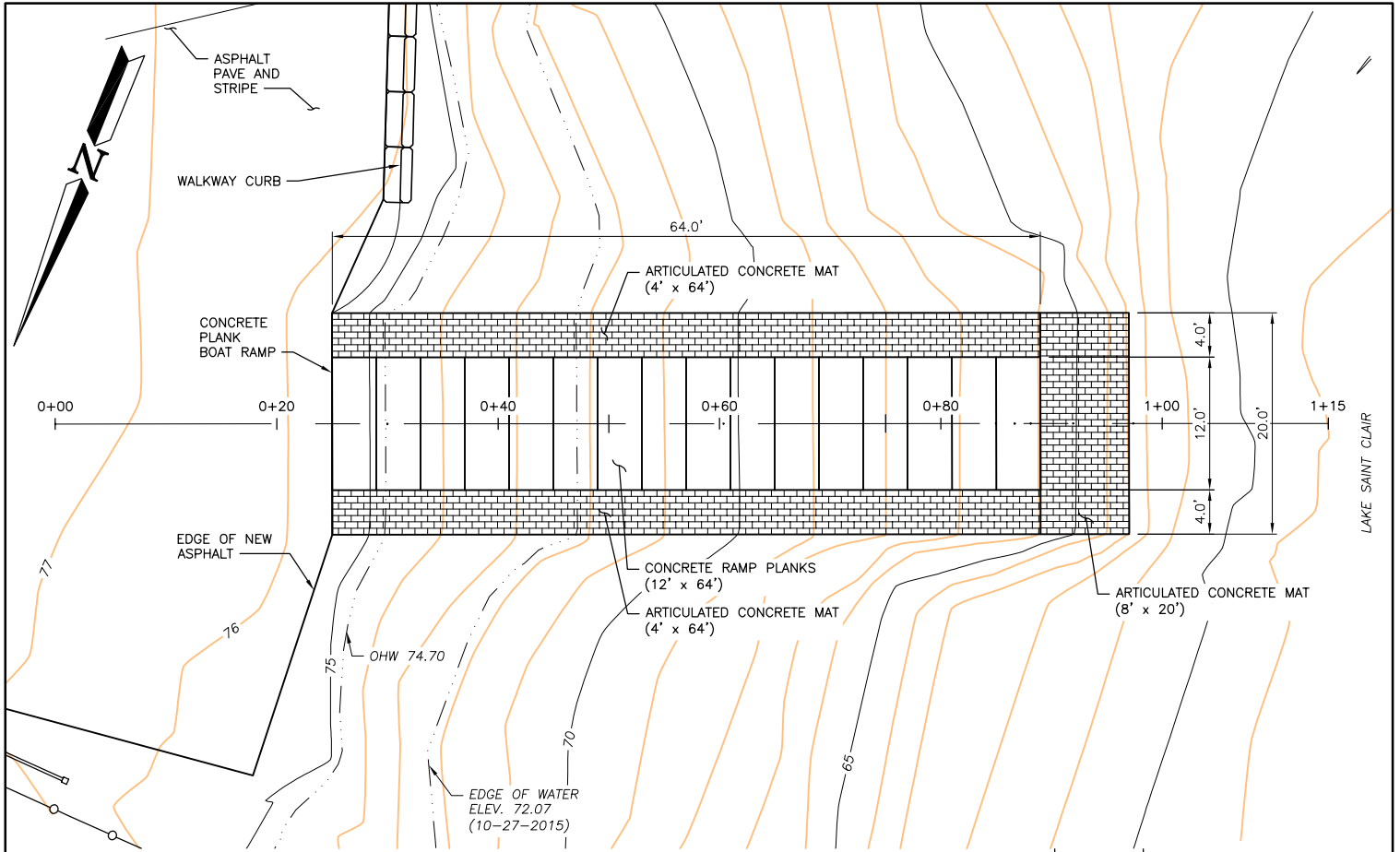
DATE: 7/12/2016



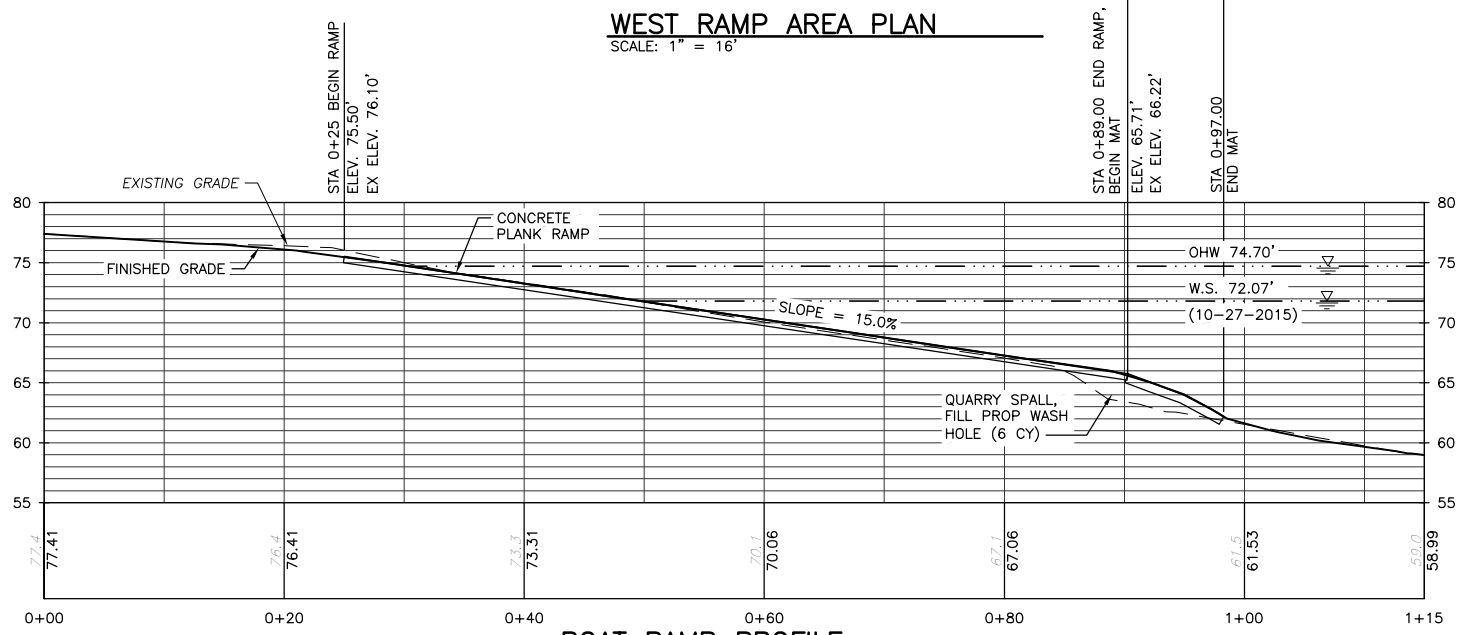
SITE PLAN
SCALE: 1" = 60'

PLANTING SCHEDULE			
SPECIES	NUMBER	CONTAINER SIZE	SPACING
WESTERN RED CEDAR	10	5 GALLON	8 FEET
BIG LEAF MAPLE	10	5 GALLON	8 FEET
SNOWBERRY	30	1 GALLON	3 FEET
RED OSIER DOGWOOD	40	1 GALLON	3 FEET
SALMONBERRY	40	1 GALLON	3 FEET
NOOTKA ROSE	50	1 GALLON	3 FEET

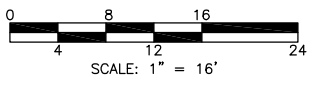
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ACCESS SITE RENOVATION
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 SHEET 5 OF 13 DATE: 7/12/2016



WEST RAMP AREA PLAN
SCALE: 1" = 16'

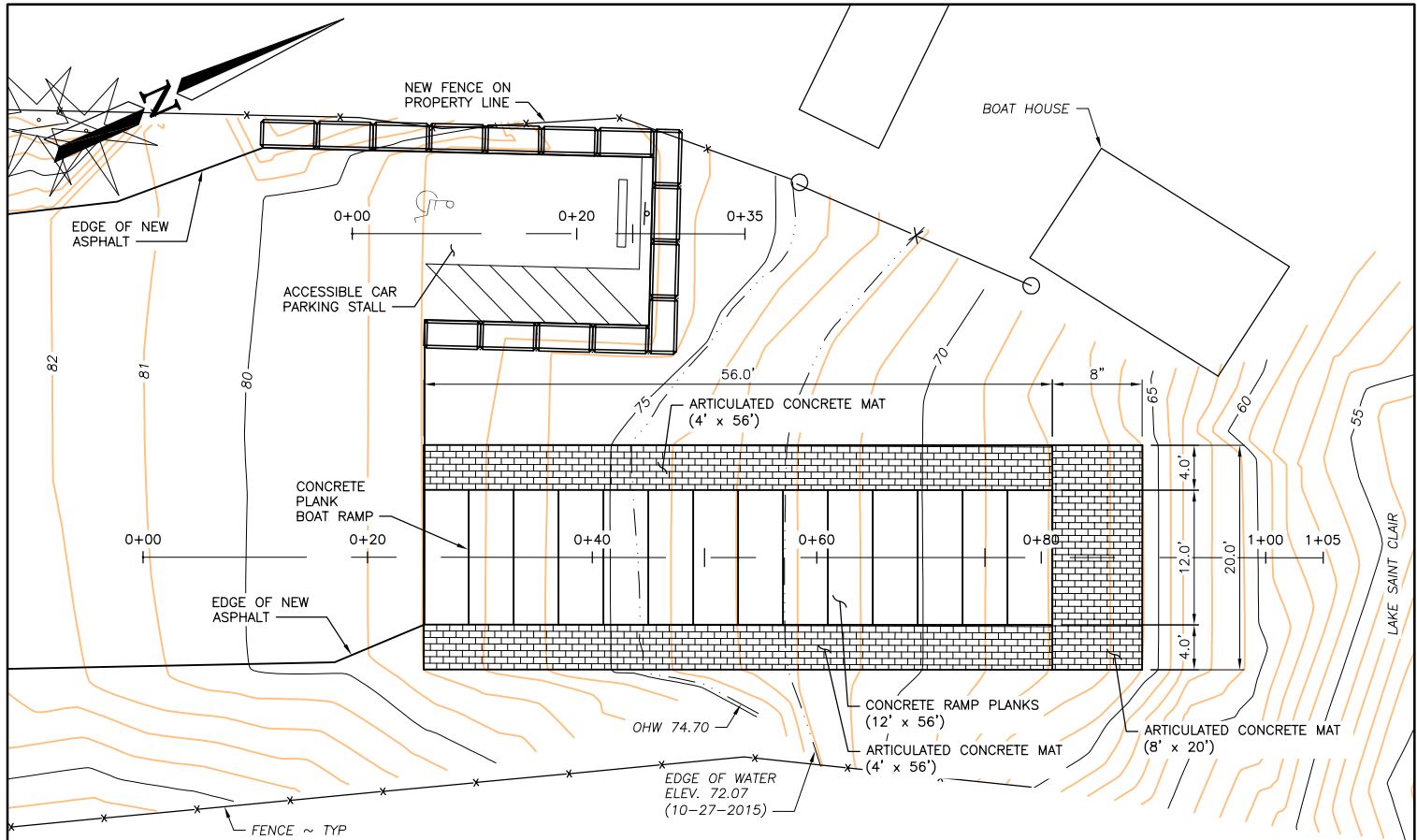


BOAT RAMP PROFILE
SCALE: 1" = 16'



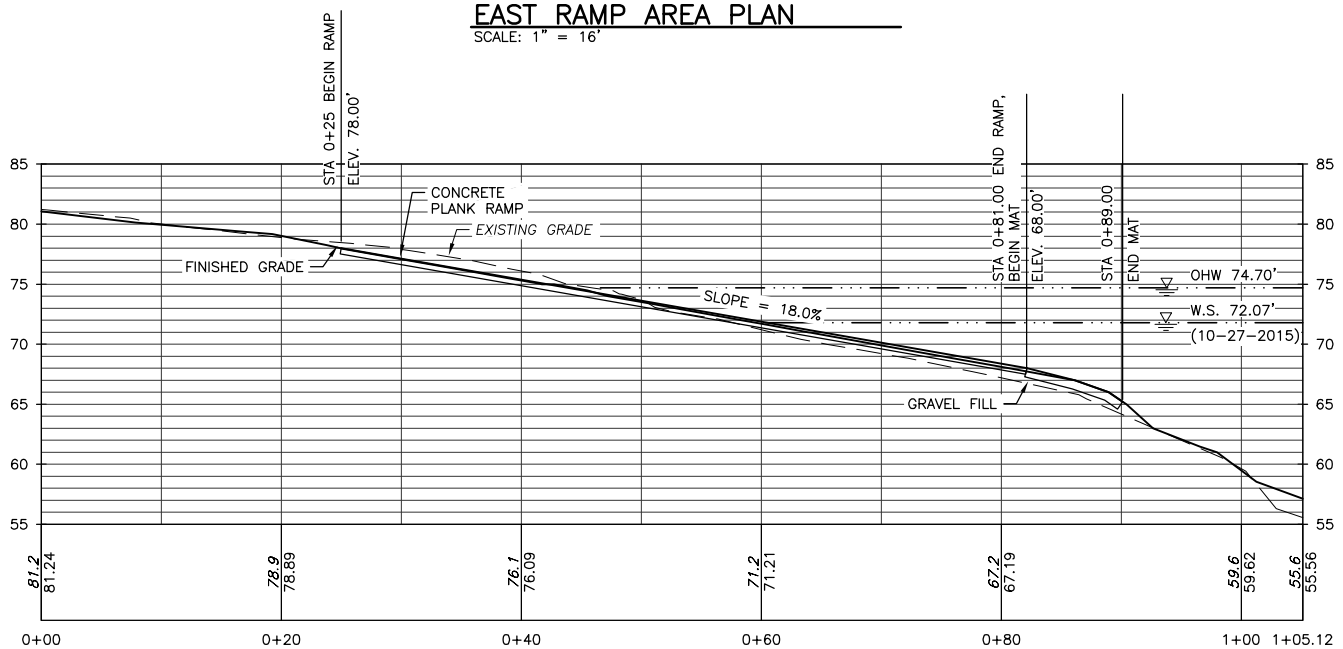
WEST RAMP QUANTITIES		
MATERIAL	AREA (SF)	VOLUME (CY)
EXISTING RAMP DEMO	783	-9.6
RAMP PLANKS	768	14.2
80% ACM EROSION CONTROL	672	9.9
SUBGRADE MATERIAL	CUT	-15.6
	FILL	13.2
TOTAL	1440	12.1

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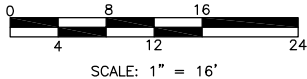
EAST RAMP AREA PLAN

SCALE: 1" = 16'



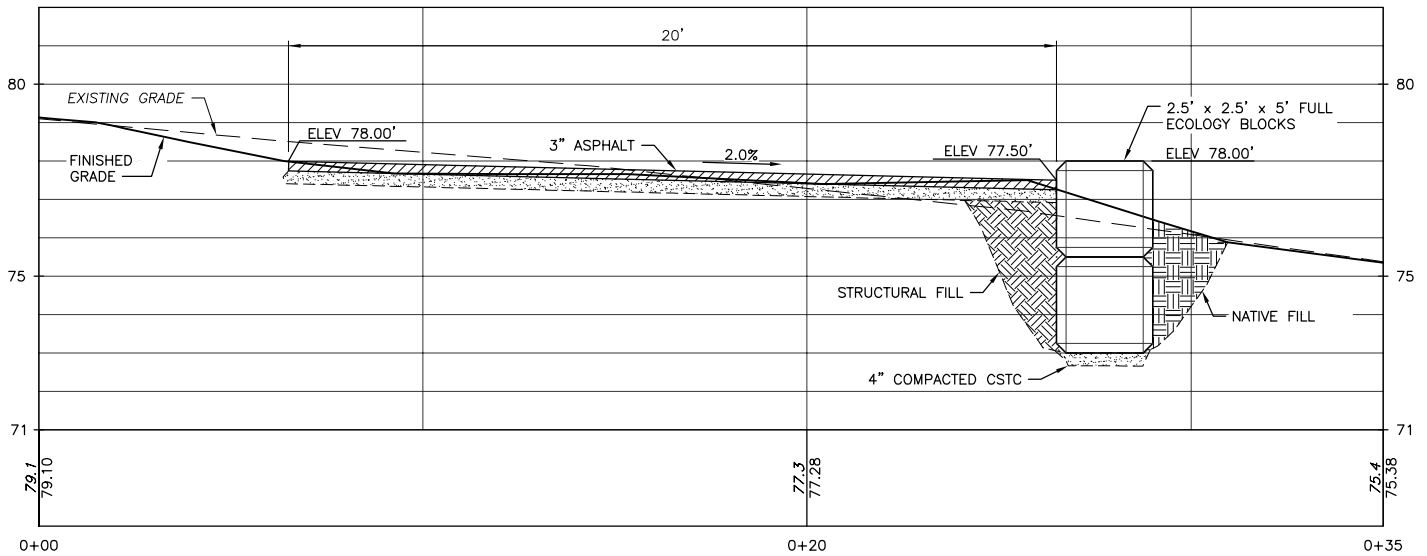
BOAT RAMP PROFILE

SCALE: 1" = 16'



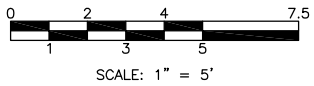
EAST RAMP QUANTITIES		
MATERIAL	AREA (SF)	VOLUME (CY)
EXISTING RAMP DEMO	0	0.0
RAMP PLANKS	672	12.4
80% ACM EROSION CONTROL	608	9.0
SUBGRADE MATERIAL	CUT	-4.1
	FILL	8.3
TOTAL	1280	25.6

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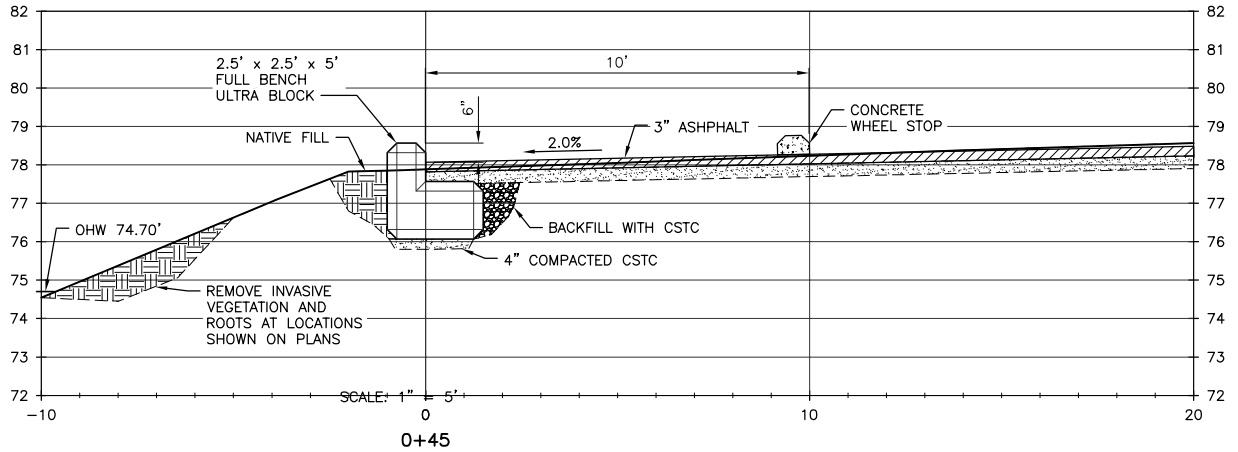


ACCESSIBLE PARKING PAD SECTION

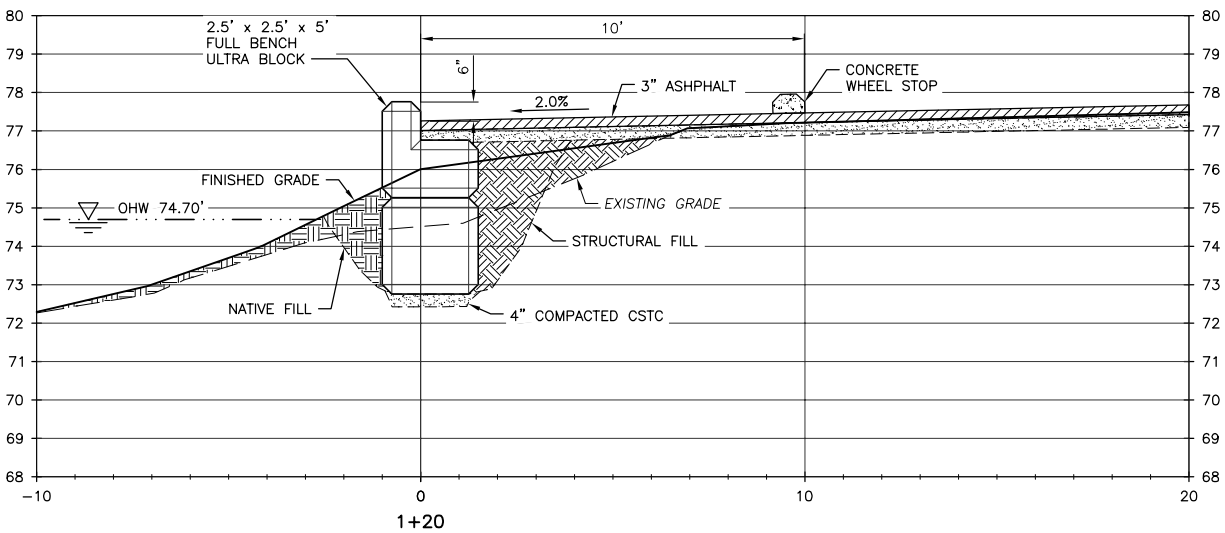
SCALE: 1" = 5'



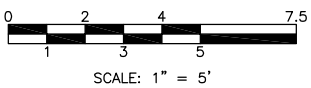
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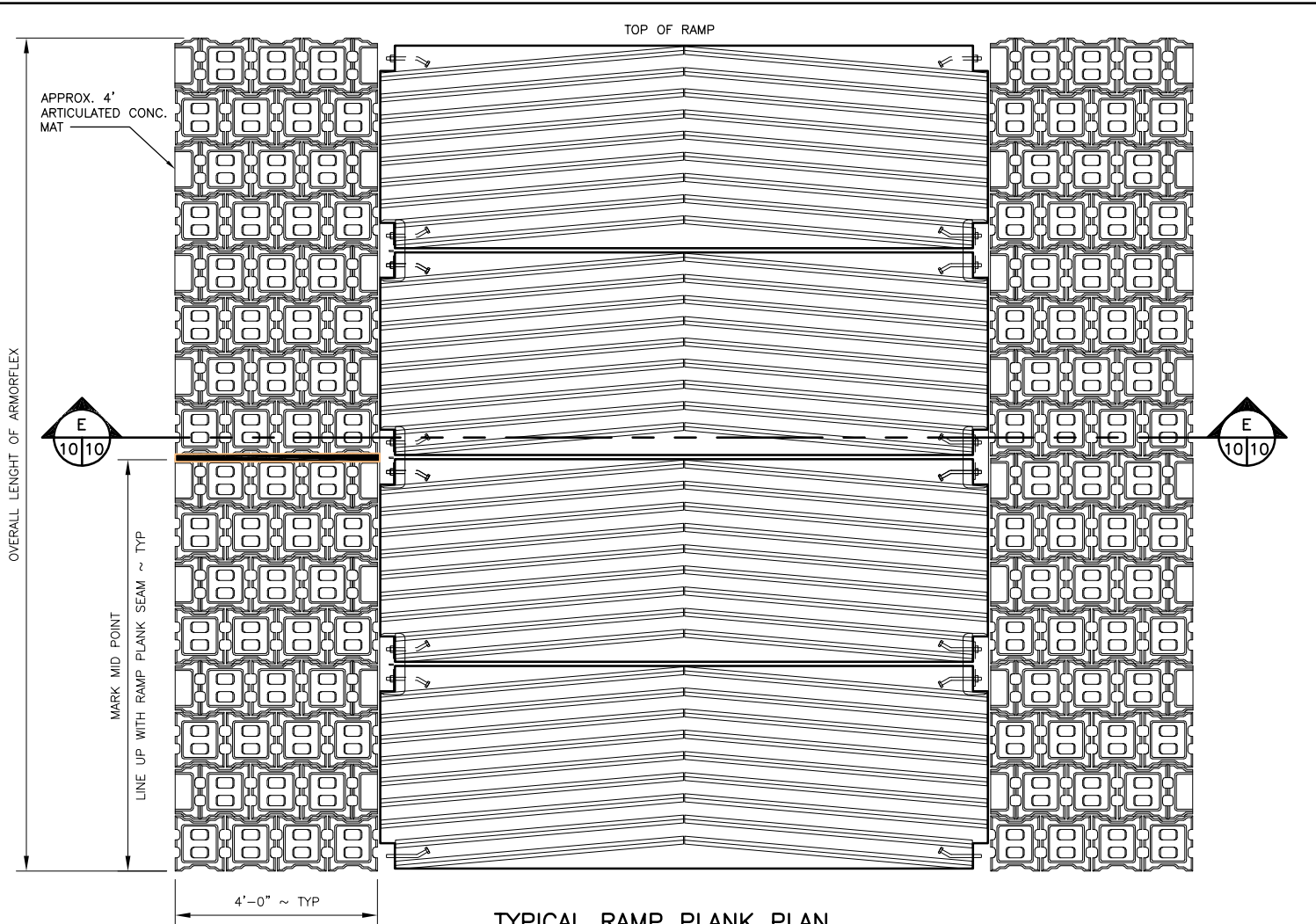
TYPICAL CURB SECTION
SCALE: 1" = 5'



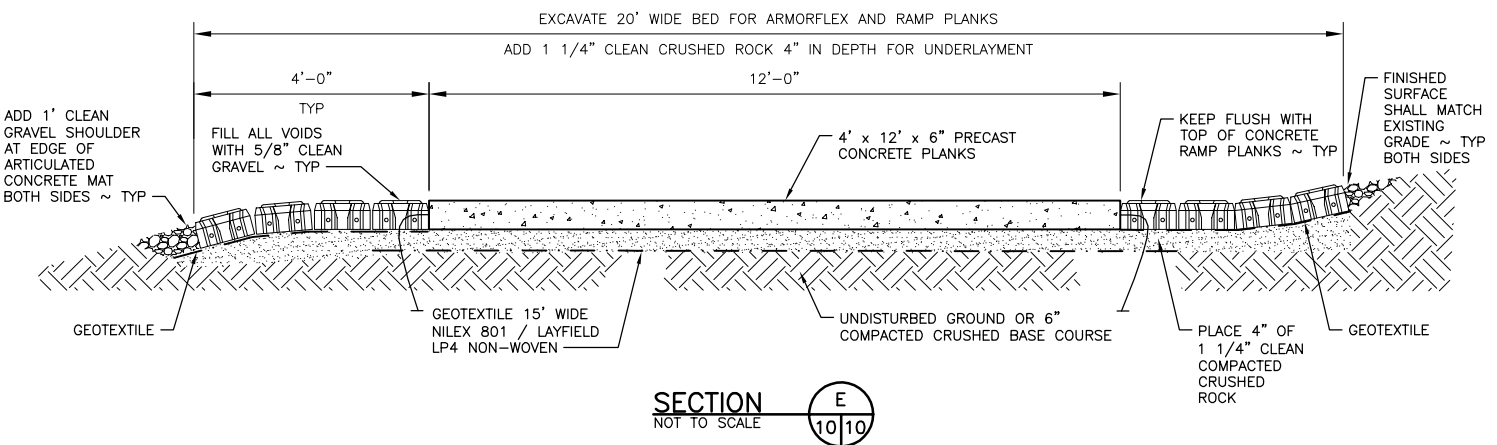
CURB SECTION AT WASHOUT
SCALE: 1" = 5'



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 ACCESS SITE RENOVATION
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 SHEET 9 OF 13 DATE: 7/12/2016

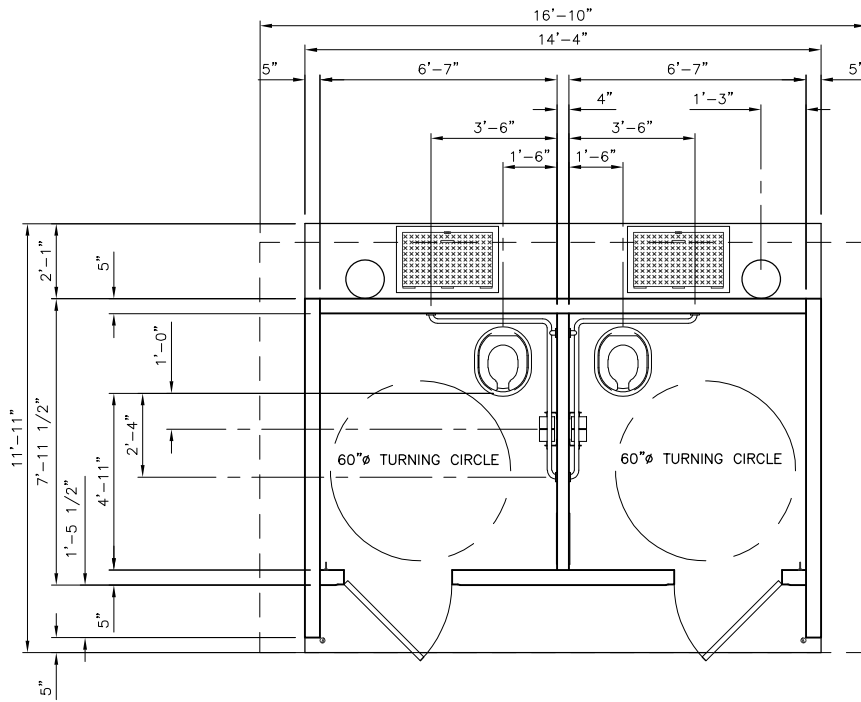


TYPICAL RAMP PLANK PLAN
NOT TO SCALE

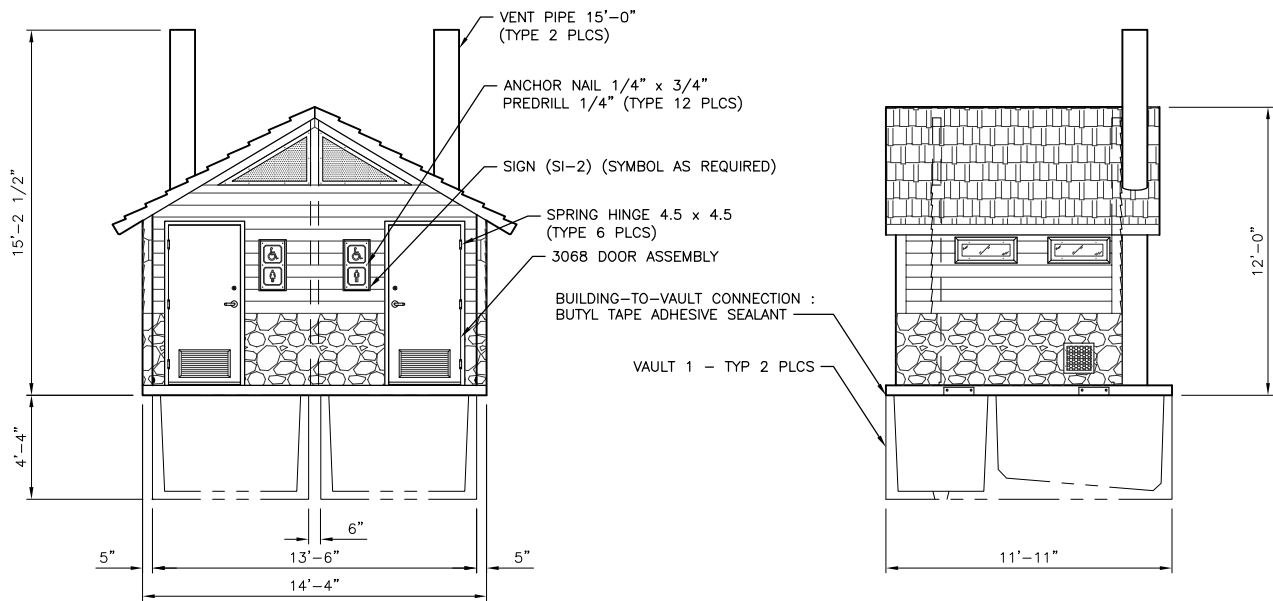


SECTION
NOT TO SCALE

REFERENCE NUMBER:
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 LOCATION:
 SHEET 10 OF 13 DATE: 7/12/2016



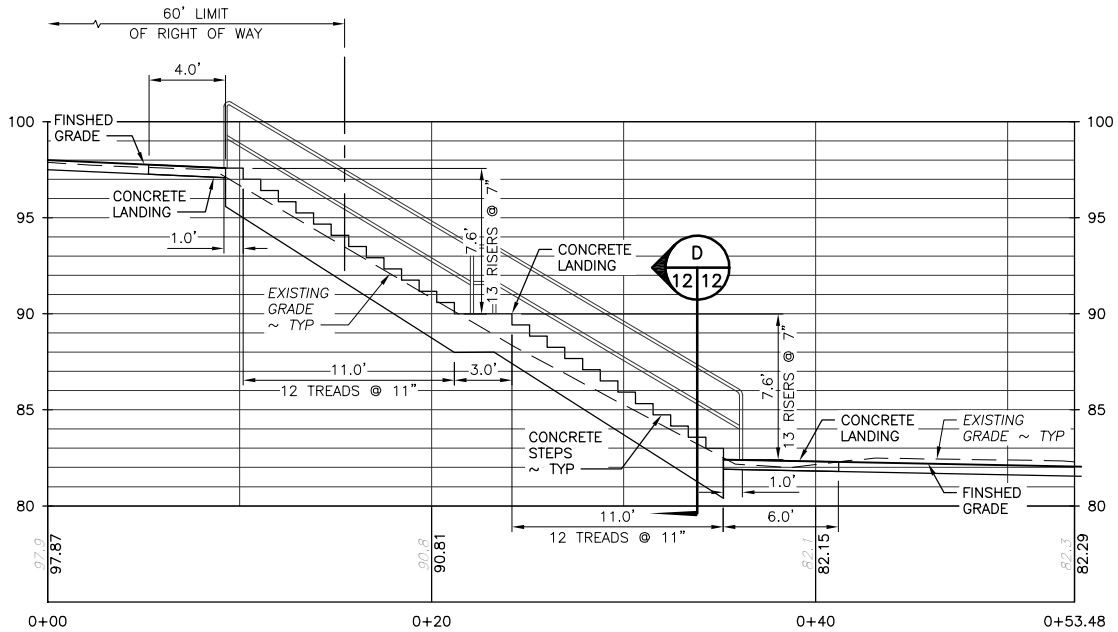
CXT ROCKY MOUNTAIN VAULT TOILET DETAIL
NOT TO SCALE



FRONT ELEVATION
NOT TO SCALE

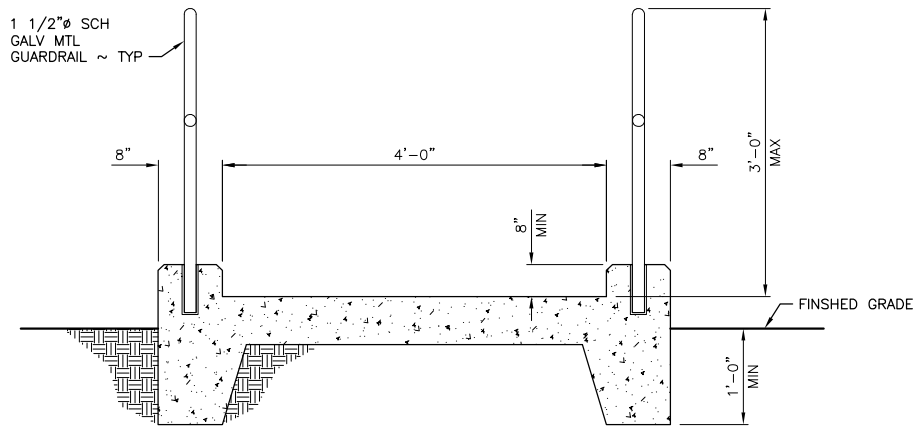
SIDE ELEVATION
NOT TO SCALE

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 SHEET 11 OF 13 DATE: 7/12/2016



CONCRETE STAIRWAY SECTION

SCALE: 1" = 10'

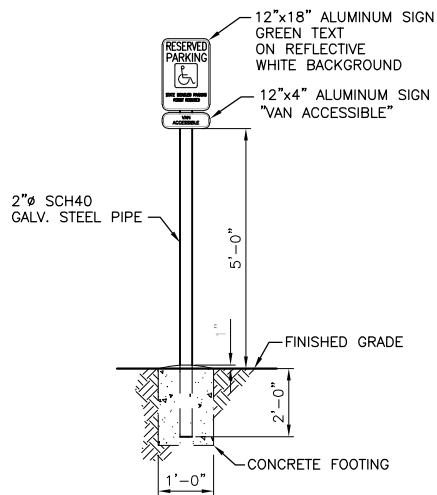


TYPICAL STAIR CROSS SECTION

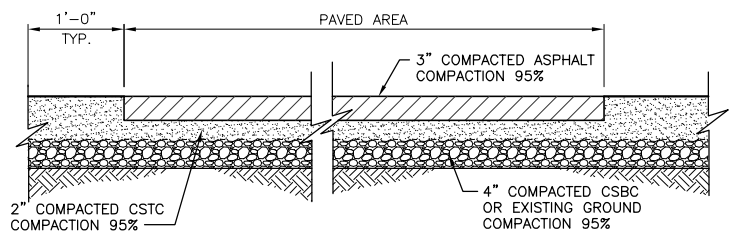
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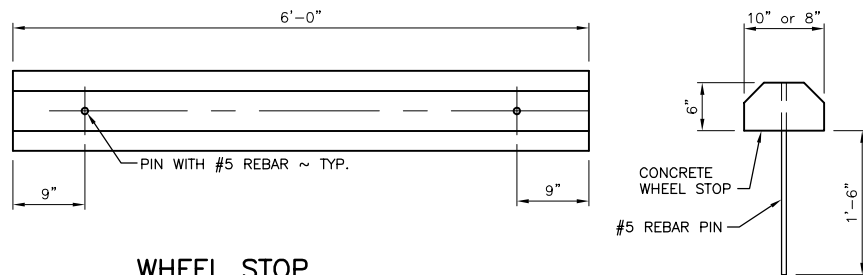
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ACCESSIBLE PARKING SIGN
NOT TO SCALE



PAVEMENT SECTION
NOT TO SCALE



WHEEL STOP
NOT TO SCALE

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 SHEET 13 OF 13 DATE: 7/12/2016