

PBSD
FORCE MAIN PROJECT

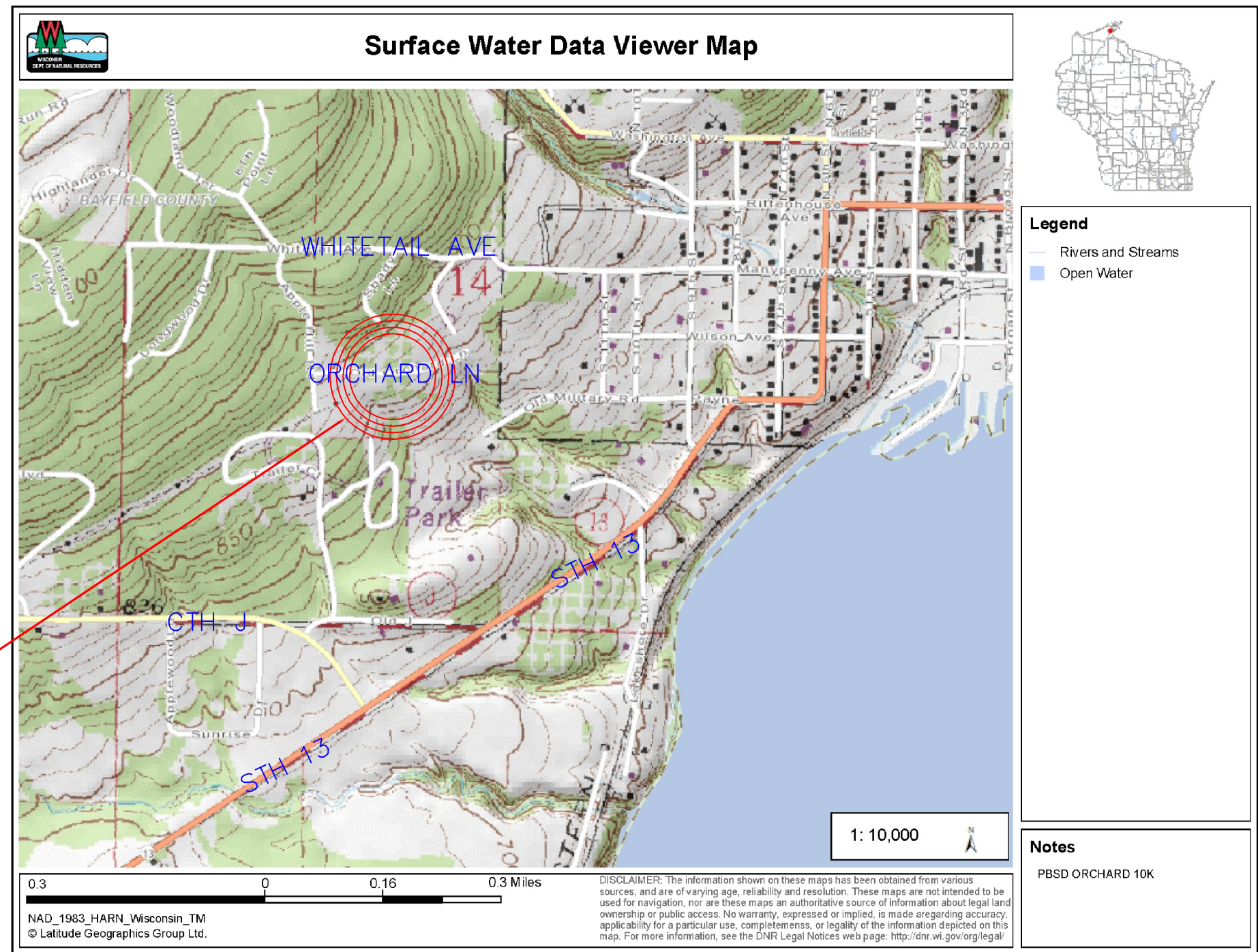
BAYFIELD COUNTY

SEC 14, T50N, R04W

SHEET INDEX

- 1) TITLE –SHEET 1
- 2) DETAILS SHEET 2a,2b
- 3)PLAN SHEETS, X1,X2,X3
- 4) ASSESSMENT MAP
- 5) PROFILE

PROJECT LOCATION

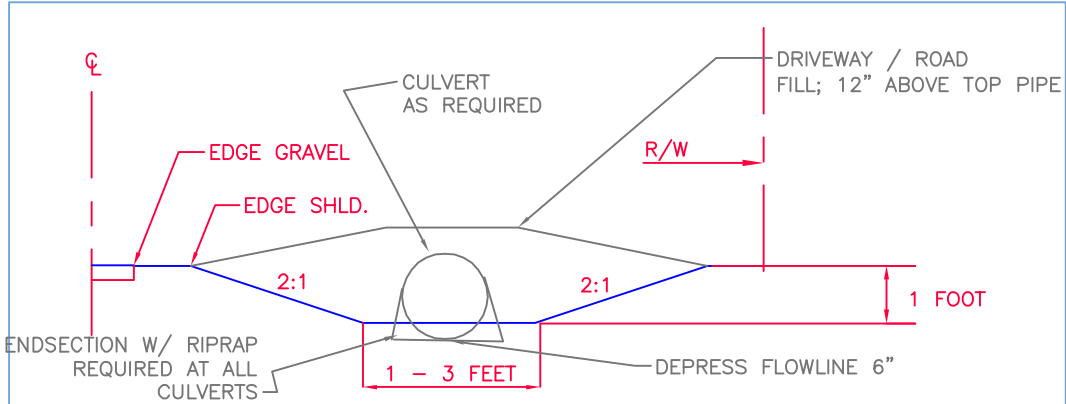


LUND ENGINEERING

RANDY M. LUND, PE

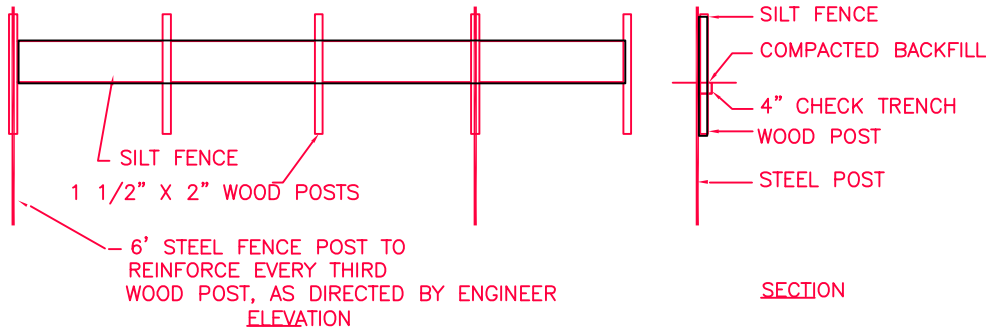
SCALE	PROJ. NO.	PROJECT	SHEET DESCRIPTION	SHEET NUMBER
N/A	PBSDLLSFM2015TX5	PIKES BAY SANITARY DISTRICT ORCHARD LANE –FORCE MAIN	TITLE SHEET FORCE MAIN PROJECT	1
DRAWN BY RML	CHECKED BY RML	LUND ENGINEERING WASHBURN WI 54891		
DATE 02/19/2015	REVISIONS			

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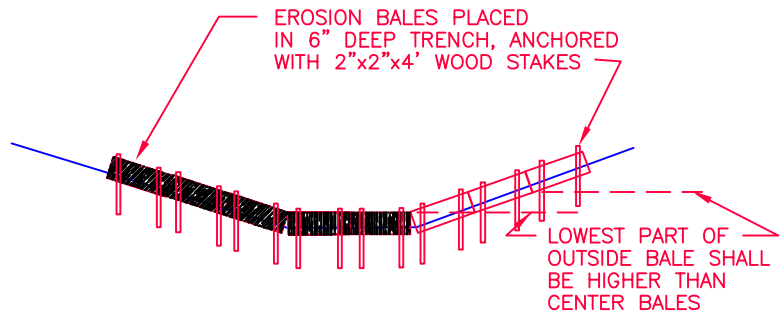


PRIVATE DRIVE (TYP. DITCH)

PLACE ROCK CHECK DAMS @ 500' (6" BREAKER RUN ROCK)
OR PER PLANS AND AS DIRECTED BY ENGINEER



SILT FENCE DETAIL



EROSION BALE DETAIL

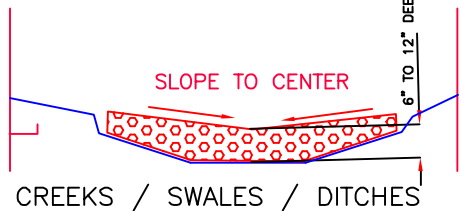
ALTERNATE - COIR SOIL LOG TRAPS

- 1) SET BALES ON EDGE,
NOT ON STRINGS
- 2) SET EDGE TO
EDGE WITHOUT GAPS
- 3) PLACE IN DITCHES @ 300' SPACING

GENERAL NOTES

- 1) CONTRACTOR TO VERIFY UTILITIES
- 2) UTILITIES SHOWN MAY NOT BE COMPLETE
- 3) CONTRACTOR TO CALL "DIGGER'S HOTLINE" PRIOR TO CONSTRUCTION
- 4) ENGINEER TO BE NOTIFIED OF ANY PLAN DISCREPANCIES
- 5) ENGINEER TO BE NOTIFIED OF POTENTIAL CHANGE ORDERS
- 6) ENGINEER TO VERIFY ANY CHANGED CONDITIONS
- 7) DEWATERING BY CONTRACTOR TO MEET STATE LAWS
- 8) SURFACE WATER DIVERSION'S TO COMPLY WITH STATE LAW
- 9) ALL CONSTRUCTION DEBRIS TO BE DISPOSED OF, BY CONTRACTOR
- 10) CONTRACTOR TO NOTIFY ENGINEER; 3 DAYS BEFORE TESTING
- 11) CONTRACTOR TO NOTIFY ENGINEER; 3 DAYS BEFORE STAKING
- 12) ALL SIGNS SHALL BE REMOVED AND REPLACED BY CONTRACTOR
- 13) TRAFFIC CONTROL TO BE PLACED BY CONTRACTOR
- 14) CONTRACTOR TO MAINTAIN USE OF ALL MAIL BOXES
- 15) CONTRACTOR TO MAINTAIN TRAFFIC FLOW
- 16) AT WETLAND CROSSINGS; ALL WETLAND MATERIAL TO BE SALVAGED
- 17) REPLACE WETLAND MATERIAL 12" THICK @ UTILITY CROSSINGS, IF REQUIRED
- 18) CONSTRUCTION MUST AVOID USE OF WETLAND AREAS
- 19) ALL EROSION CONTROL TO BE IN PLACE AT START
- 20) CONTRACTOR SHALL USE TRACKING PADS TO LIMIT MUD ON STREETS
- 21) CONTRACTOR TO CONTROL ALL SITE RUNOFF
- 22) CONTRACTOR TO RECORD ALL UNDERGROUND DATA
- 23) CONTRACTOR TO MEET ALL DNR REQUIREMENTS
- 24) WI DEPT. COMMERCE PLAN APPROVAL; COMPLIANCE AS REQUIRED
- 25) MEET WI DOT STD. SPEC. (HIGHWAY& STRUCT. CONST.)-2015
- 26) MEET STD. SPEC. FOR SEWER & WATER CONST. IN WI-6TH ADDITION
- 27) MINIMUM BURY = 8.0 FEET FOR PVC WATERMAIN / 7' FOR SEWER
- 28) WASHED STONE TRACKING PAD - REQUIRED AT SITE EXIT

RIPRAP 6" OR 3" WASHED STONE



ROCK CHECK DAM - TEMPORARY/PERMANENT

LEGEND

	EXIST STORM MANHOLE
	PROPOSED STORM MANHOLE
	EXIST INLET
	PROPOSED CATCHBASIN
	UTILITY MANHOLE
	EXIST HYDRANT
	PROPOSED HYDRANT
	EXIST SANITARY MANHOLE
	PROPOSED SANITARY MANHOLE
	LIGHT
	EXIST WATER VALVE
	PROPOSED WATER VALVE
	WATER SERVICE VALVE (EX. / PRO.)
	TEL PEDESTAL
	SURVEY MONUMENT'S
	SOIL BORING
	CONTROL POINT
	BENCHMARK
	IRON PIPE / PIN / ROD
	GAS VALVE
	DECIDUOUS TREE < 6"
	DECIDUOUS TREE > 6"
	EVERGREEN TREE < 6"
	EVERGREEN TREE > 6"
	SHRUB
	UTILITY POLE
	CENTERLINE
	REFERENCE LINE
	EDGE OF PAVEMENT
	DRAINAGE SWALE
	SIGNS
	HIGHWAY
	MARSH



SCALE	PROJ. NO.	PROJECT
PPSLLSFM2015xDetEROS9	M2015xDetEROS9	PIKES BAY SANITARY DISTRICT
DRAWN BY	CHECKED BY	ORCHARD LN FORCE MAIN
RML	RML	
DATE	REVISIONS	
02/19/2015		

PIKES BAY SANITARY DISTRICT
ORCHARD LN FORCE MAIN

LUND ENGINEERING
715-209-0367 rmlund1@charter.net
WASHBURN WI 54891

SHEET DESCRIPTION

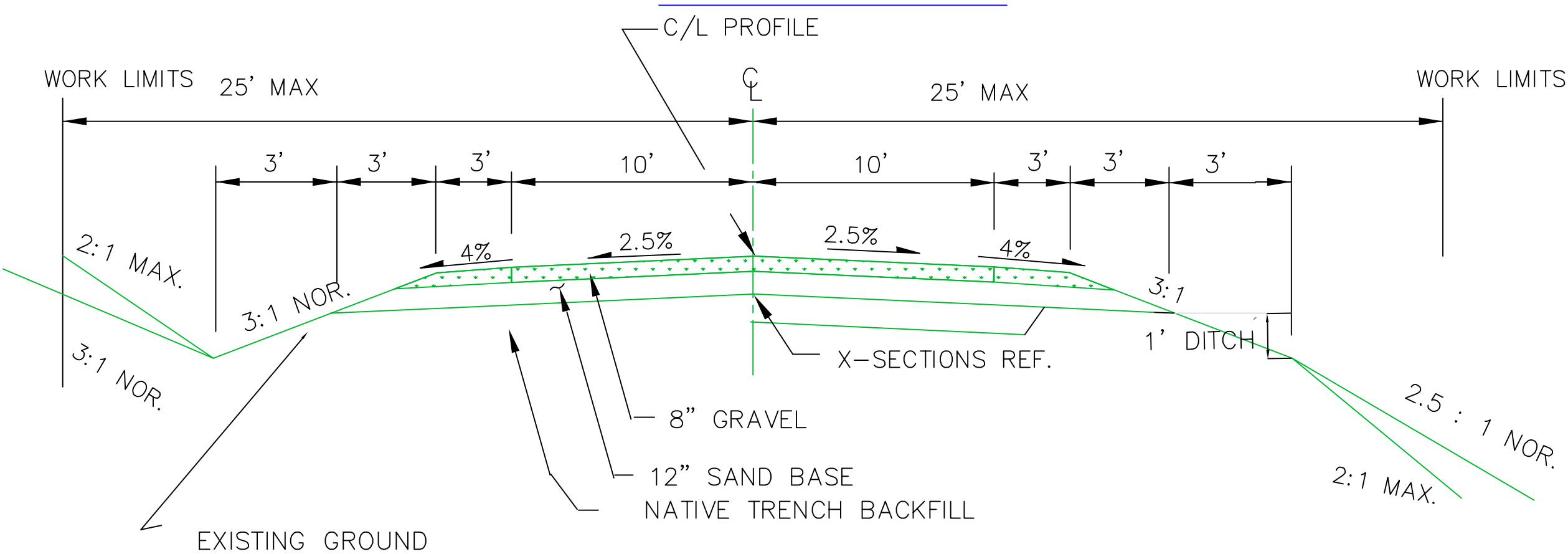
DETAILS - EROSION CONTROL
LEGEND / NOTES

SHEET NUMBER

2 a

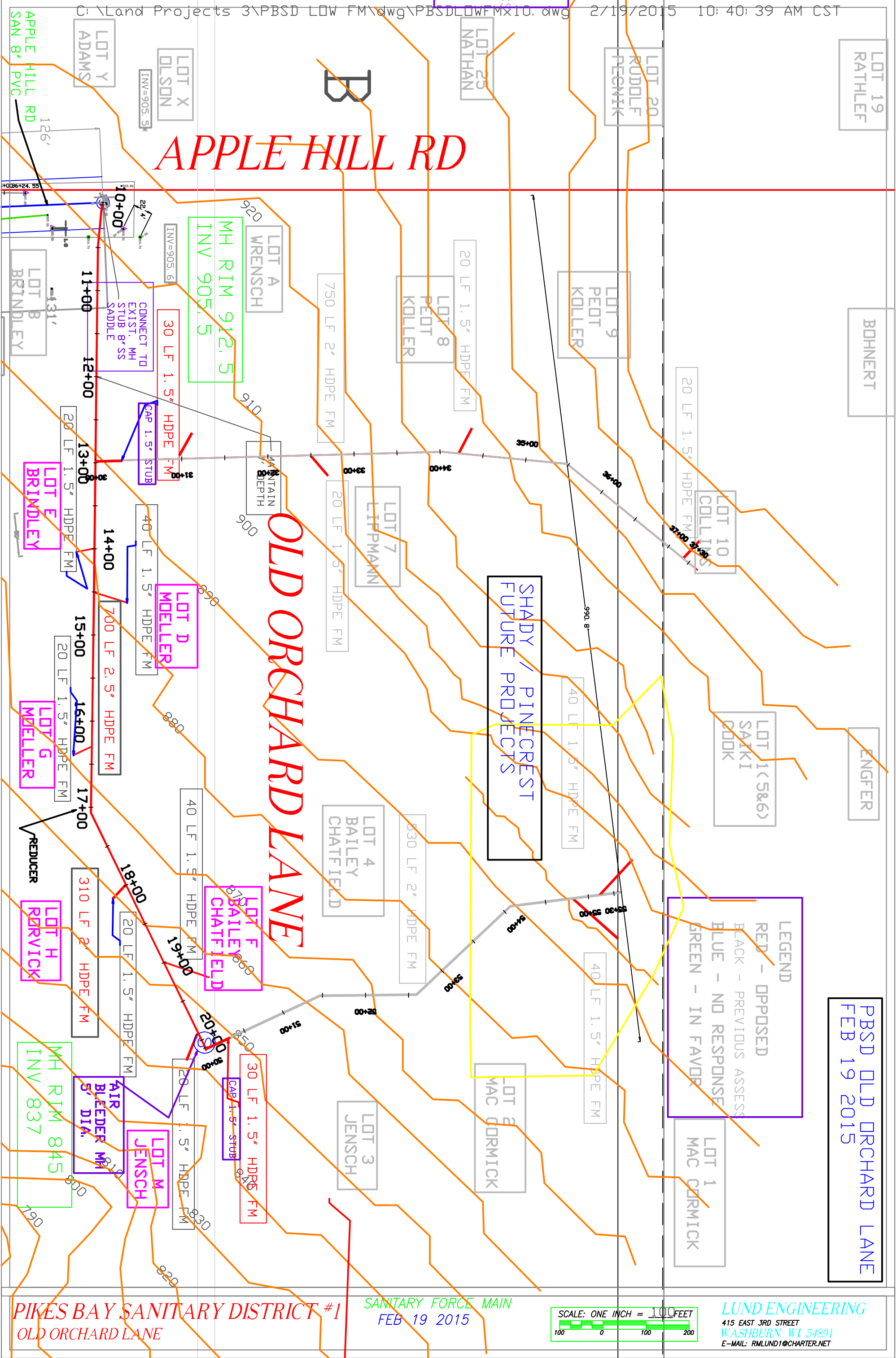
PLACE SILT FENCE ON DOWNHILL SIDE OR WORKING AREA
SALVAGE EXISTING TOPSOIL
PLACE FORCE MAIN AT 7' DEPTH
STOCKPILE MATERIAL ON UPLAND SLOPE
RESTORE TRENCHES TO EXISTING CONDITION

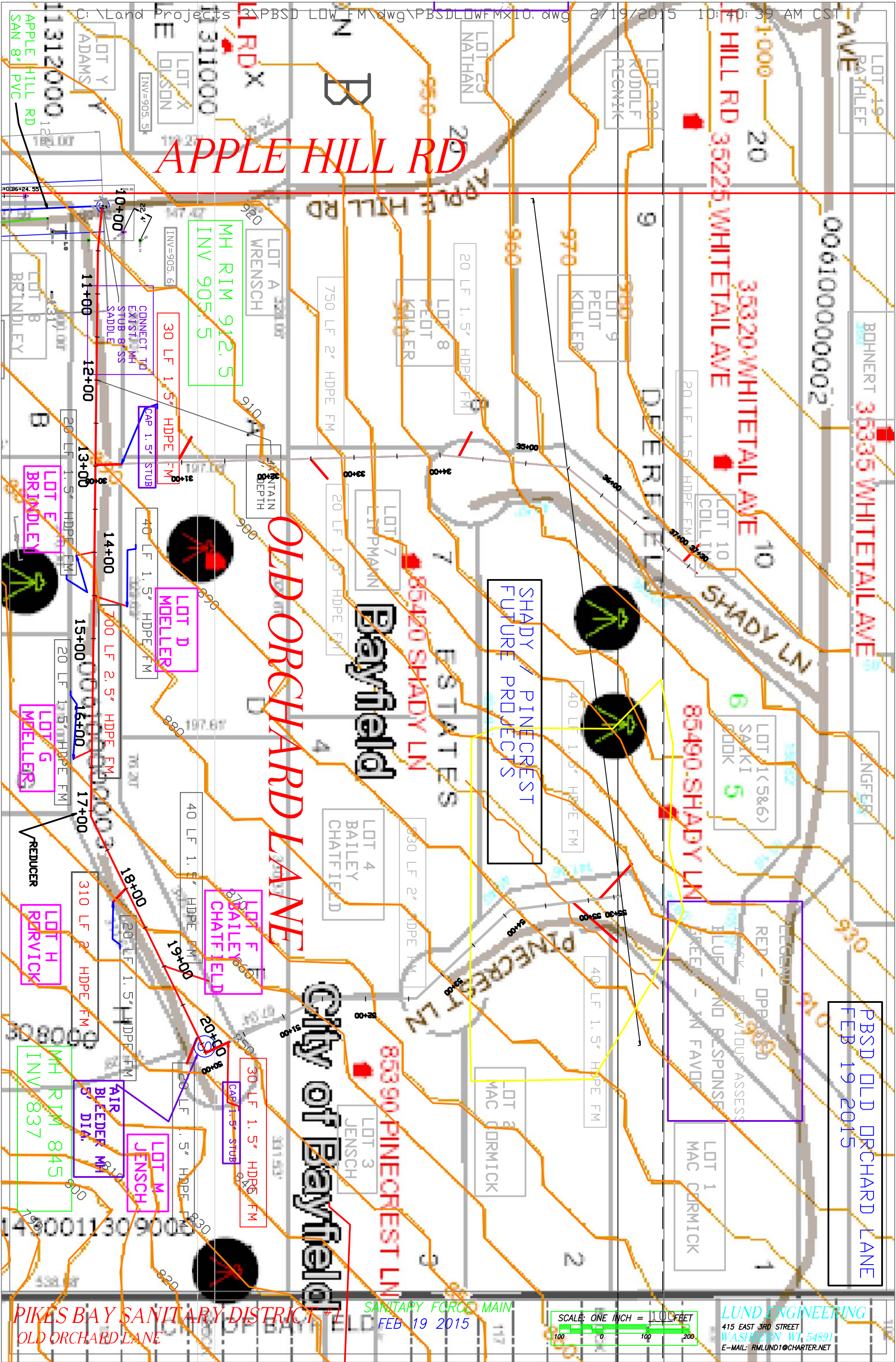
FORCE MAIN TO PLACED IN SOUTH DITCH LINE

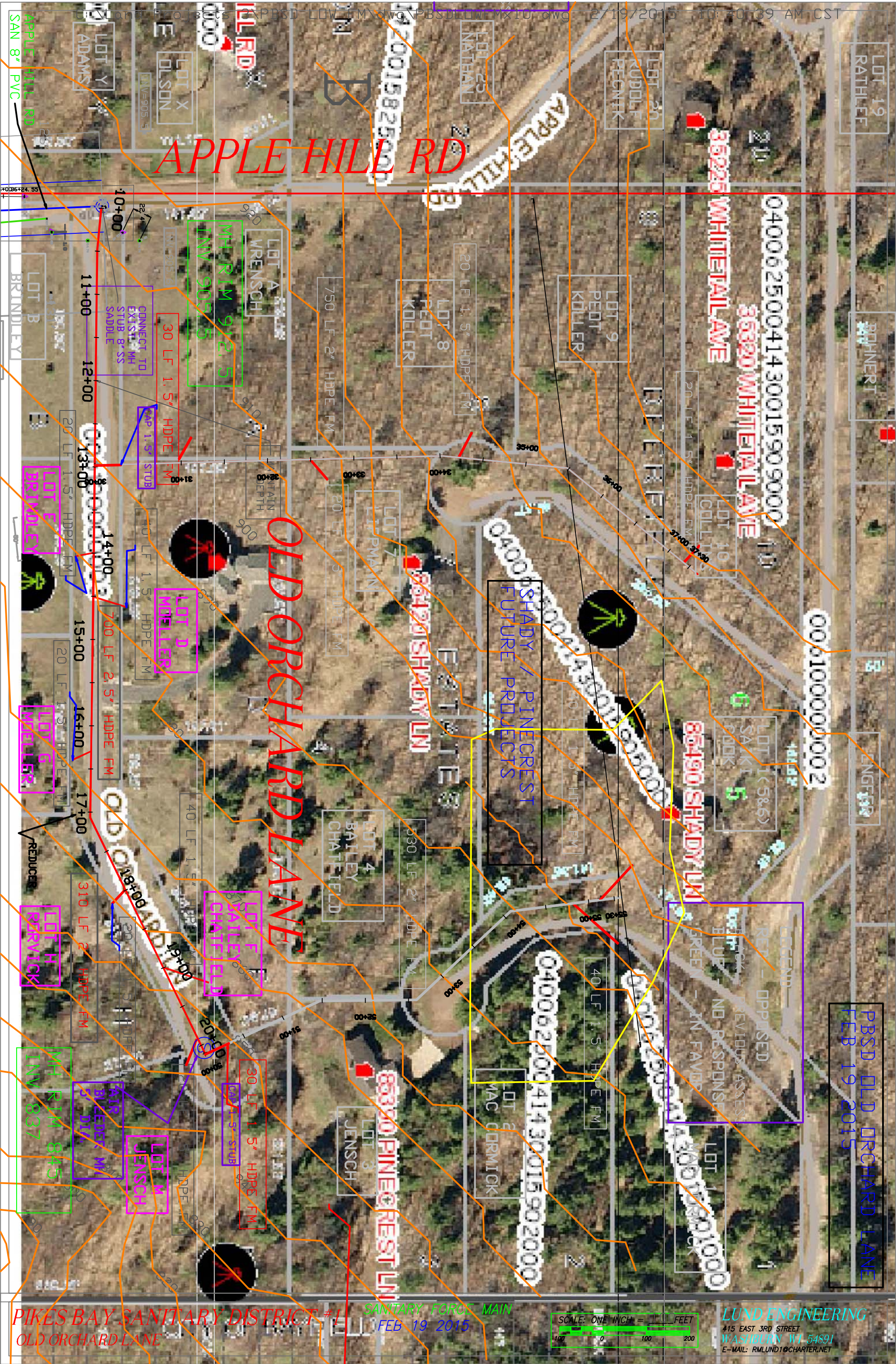


LATERALS TO BE MARKED IN THE FIELD BY ENGINEER

SCALE PPSDLLSFM2015xDetEROS9	PROJ. NO. M2015xDetEROS9	PROJECT PIKES BAY SANITARY DISTRICT ORCHARD LN FORCE MAIN	LUND ENGINEERING 715-209-0367 rmlund1@charter.net WASHBURN WI 54891	SHEET DESCRIPTION DETAILS LEGEND / NOTES	SHEET NUMBER 2 b
DRAWN BY RML	CHECKED BY RML				
DATE 02/19*/2015	REVISIONS				







NPBSD OLD ORCHARD LANE
ASSESSMENT BOUNDARY

Bayfield

City of Bayfield

LOT A
WRENSCH

NPBSD OLD ORCHARD LANE

LOT D
MOELLER

BAILEY
CHAFFIELD

LOT M
JENSEN

LOT B
BRINDLEY

LOT E
BRINDLEY

LOT G
MOELLER

LOT H
RODRICK

85250 APPLE HILL RD

85420 SHADY LN

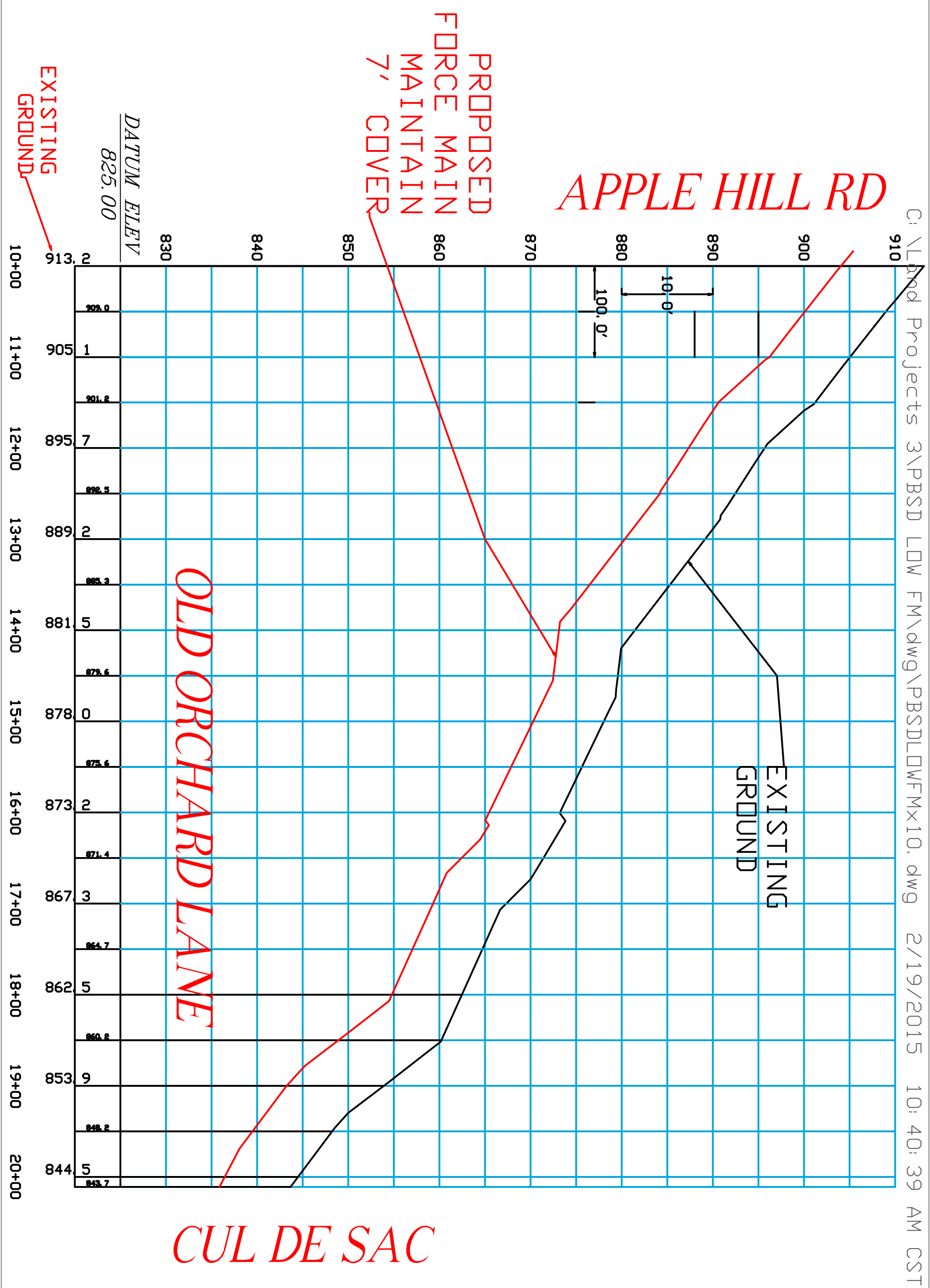
85390 PINECREST LN

ASSESSMENT BOUNDARY

500 ft

200 m

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LOT 19
RATHLEF

BOHNERT

ENGFER

PBSD OLD ORCHARD LANE
FEB 19 2015

AMEND #1
2.5" HDPE TO BE 2" HDPE

LOT 1 (5&6)
SASKI
COOK

LOT 1
MAC CORMICK

LEGEND
RED - OPPOSED
BLACK - PREVIOUS ASSESS
BLUE - NO RESPONSE
GREEN - IN FAVOR

LOT 20
KUDOLF
PECNIK

LOT 9
PEOT
KOLLER

40 LF 1.5" HDPE FM

40 LF 1.5" HDPE FM

LOT 23
NATHAN

20 LF 1.5" HDPE FM

LOT 8
PEOT
KOLLER

LOT 7
LIPPMAHN

530 LF 2" HDPE FM

LOT 2
MAC CORMICK

B

750 LF 2" HDPE FM

20 LF 1.5" HDPE FM

LOT 4
BAILEY
CHATFIELD

LOT 3
JENSCH

LOT A
WRENSCH

MAINTAIN
8' DEPTH

OLD ORCHARD LANE

LOT F
BAILEY
CHATFIELD

30 LF 1.5" HDPE FM
CAP 1.5" STUB

LOT M
JENSCH

LOT Y
ADAMS

LOT X
OLSON

MH RIM 912.5
INV 905.5

CONNECT TO
EXIST. MH
STUB 8" SS
SADDLE

30 LF 1.5" HDPE FM
CAP 1.5" STUB

40 LF 1.5" HDPE FM

700 LF 2" HDPE FM

20 LF 1.5" HDPE FM

LOT E
BRINDLEY

LOT G
MELLER

LOT H
BORVICK

310 LF 2" HDPE FM

4" AIR
BLEEDER MH
5" DIA.

APPLE HILL RD
SAN 8" PVC

126'

10+00

11+00

12+00

13+00

14+00

15+00

16+00

17+00

18+00

19+00

20+00

21+00

22+00

PIKES BAY SANITARY DISTRICT #1
OLD ORCHARD LANE

SANITARY FORCE MAIN
FEB 27 2015

SCALE: ONE INCH = 100 FEET
100 0 100 200

LUND ENGINEERING
415 EAST 3RD STREET
WASHBURN WI 54891
E-MAIL: RMLUND1@CHARTER.NET