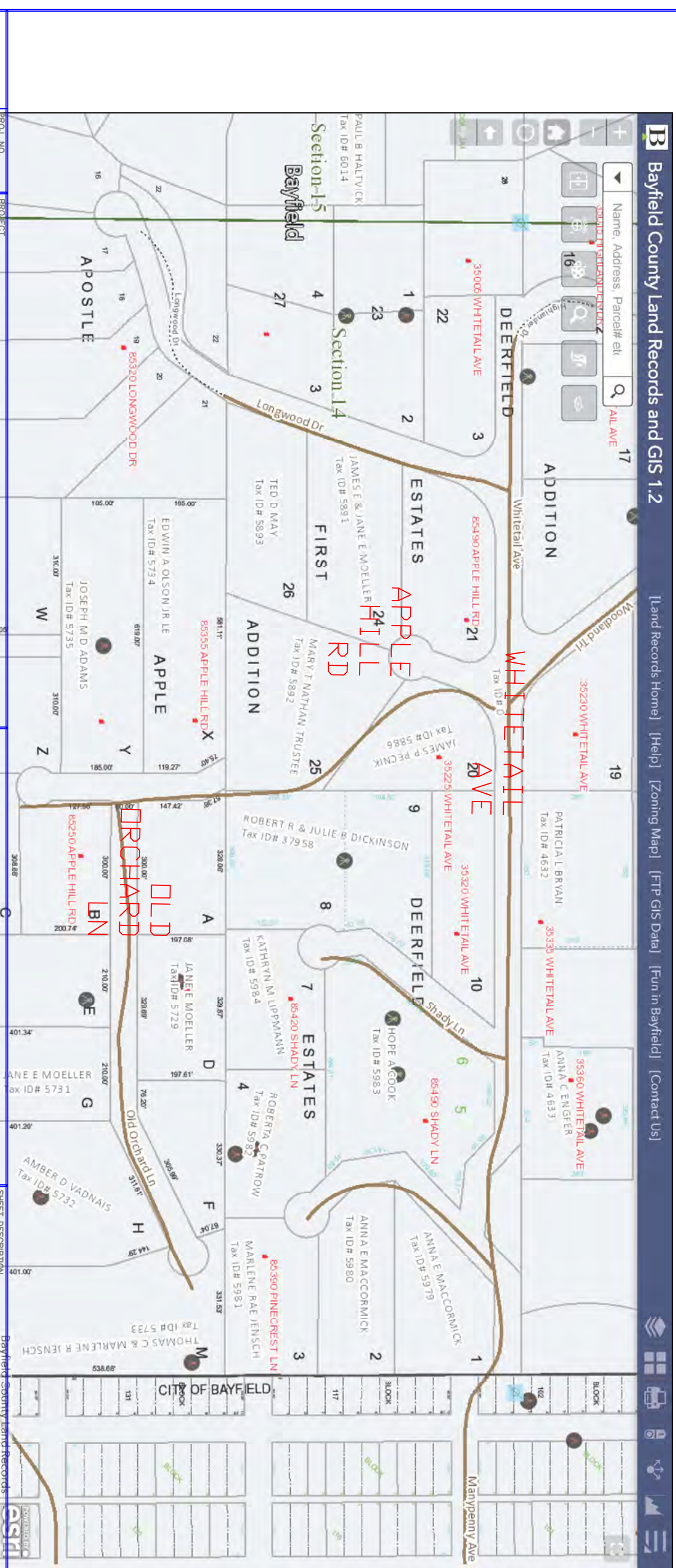


APPLE HILL ROAD SANITARY EXTENSION 2020 PIKES BAY SANITARY DISTRICT (PBSD) TOWN OF BAYFIELD, BAYFIELD COUNTY

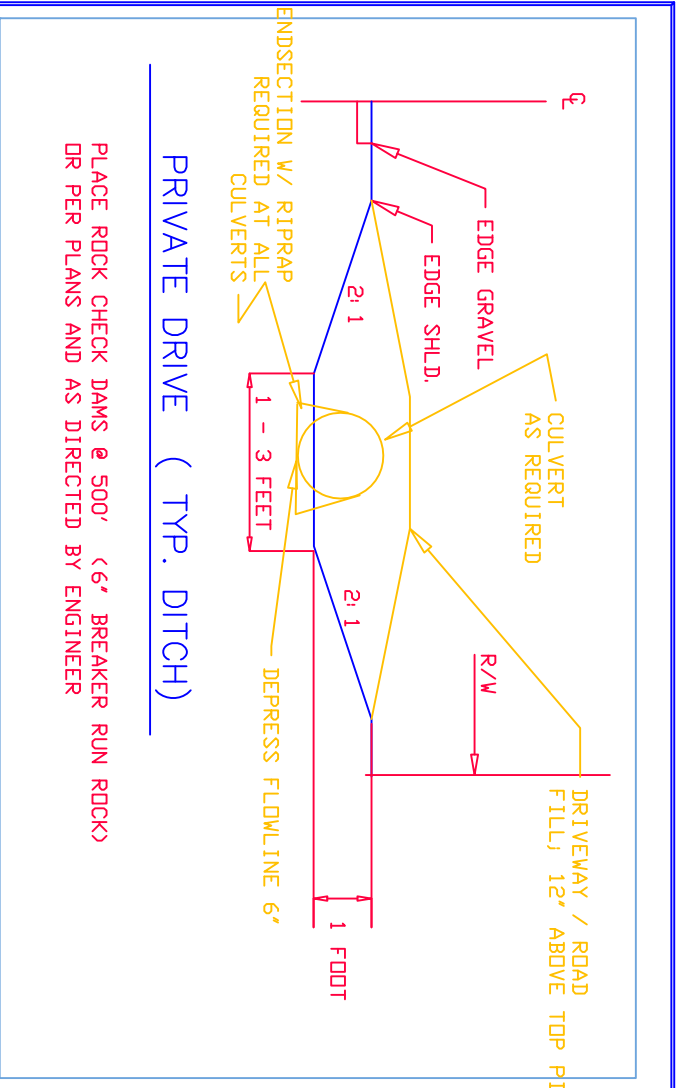


PLAN INDEX

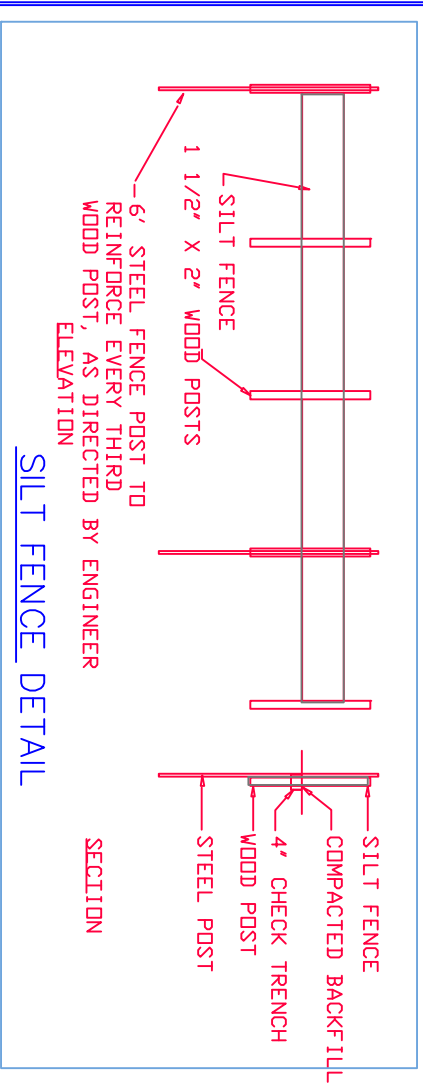
- S1-TITLE SHEET
- S2 - GENERAL NOTES
- S3 - DETAILS
- 4 - PLAN 100 SCALE
- 5 - PLAN X50 S
- 6 - PLAN X50 N
- 7 - PROFILE
- 8-10 PLAN X100 (AIR, PLAT, NSI)



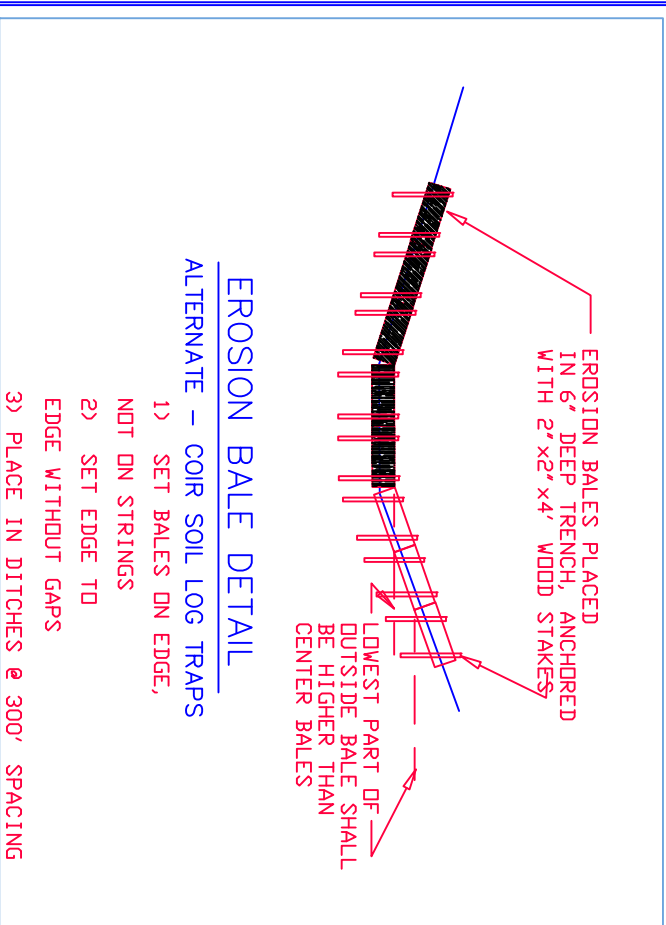
PBSD SEP2020 BAYFIELD DRAWN BY RML CHECKED BY RML REVISIONS	PROJECT APPLE HILL ROAD SANITARY EXTENSION 2020 PIKES BAY SANITARY DISTRICT (PBSD)	LUND ENGINEERING WASHBURN WI 54891	SHEET DESCRIPTION TITLE SHEET / NOTES / LOCATION	SHEET NUMBER 1
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PRIVATE DRIVE (TYP. DITCH)
 PLACE ROCK CHECK DAMS @ 500' (<6' BREAKER RUN ROCK)
 DR 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

SCALE	PROJ. NO.	PROJECT
PBSD SEP2020	BAYFIELD	PBSD APPLE HILL
DRAWN BY	CHECKED BY	
RML	RML	SANITARY SEWER EXTENSION 2020
DATE	REVISIONS	
09SEP20		

GENERAL NOTES

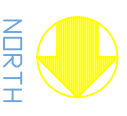
- 1) CONTRACTOR TO VERIFY UTILITIES
- 2) UTILITIES SHOWN MAY NOT BE COMPLETE
- 3) CONTRACTOR TO CALL 'DIGGER'S HOTLINE' PRIOR TO CONSTRUCTION
- 4) ENGINEER TO BE NOTIFIED OF ANY PLAN DISCREPANCIES
- 5) ENGINEER TO BE NOTIFIED OF POTENTIAL CHANGE ORDERS
- 6) ENGINEER TO VERIFY ANY CHANGED CONDITIONS
- 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 18-24" THICK @ UTILITY CROSSINGS,
- 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 COUNTY REQUIREMENTS
- 24) WI DNR, DSPS, DATCP, DOT, COMPLIANCE AS REQUIRED
- 25) MEET WI DOT STD. SPEC. (HIGHWAY & STRUCT. CONST.)--2019
- 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 EXITS
- 29) TRACER WIRE 10 GAGE; REQUIRED FOR ALL NON-METALIC PIPE
- 30) ROADS & DRIVES TO BE REPLACED IN KIND / 3' MIN. ASPHALT
- 31) CONTRACTOR TO FOLLOW DNR TECH SPEC'S FOR EROSION CONTROL
- 32) CONTRACTOR TO MARK ALL MH'S & VALVES; WITH 6" STEEL POSTS

ROCK CHECK DAM - TEMPORARY / PERMANENT



LEGEND

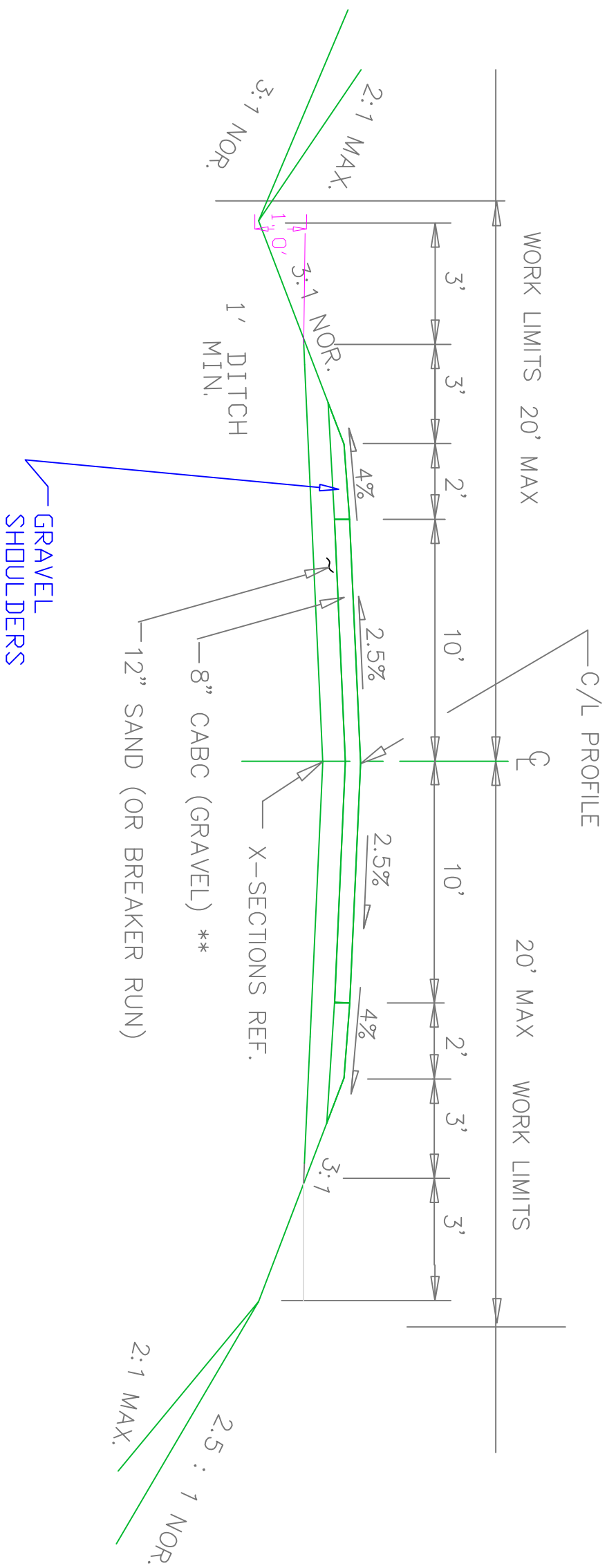
- EXIST STORM MANHOLE
- PROPOSED STORM MANHOLE
- EXIST INLET
- PROPOSED CATCHBASIN
- UTILITY MANHOLE
- EXIST HYDRANT
- PROPOSED HYDRANT
- EXIST SANITARY MANHOLE
- PROPOSED SANITARY MANHOLE
- LIGHT
- EXIST WATER VALVE
- PROPOSED WATER VALVE
- WATER SERVICE VALVE (EX. / PRO.)
- TEL PEDESTAL
- SURVEY MONUMENT'S
- 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
- R/L
- EDGE OF PAVEMENT
- DRAINAGE SWALE
- SWALE
- SIGNS
- HIGHWAY
- MARSH



DETAILS - EROSION CONTROL	SHEET NUMBER
LEGEND / NOTES	S2

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

PLACE SILT FENCE ON DOWNHILL SIDE OR WORKING AREA - IN ALL DRAINAGE PATHS & SWALES
 SALVAGE EXISTING TOPSOIL (SEED & MULCH)



ALL DITCHLINES TO HAVE ROCK CHECK DAMS AT 50' INTERVALS
 ALL DITCHLINES TO BE FINISHED WITH BREAKER RUN - 6" THICK
 ** ASPHALT TO BE REPLACED IN KIND FOR NORTHERN MOST 100 FEET OF THE PROJECT

ALL INFRASTRUCTURE AND LAND OWNER AMENITIES TO BE SAVED OR MOVED AND REPLACED

PBSD SEP2020 BAYFIELD		PROJ. NO.
DRAWN BY	RML	CHECKED BY
REVISED	RML	REVISIONS
09SEP20		

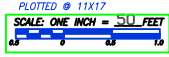
PROJECT
 PBSD APPLE HILL
 SANITARY SEWER EXTENSION 2020

LUND ENGINEERING
 WASHBURN WI 54891

SHEET DESCRIPTION
 TITLE SHEET / NOTES / LOCATION

SHEET NUMBER
 S3

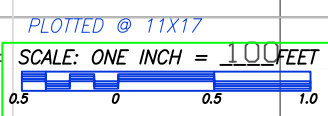
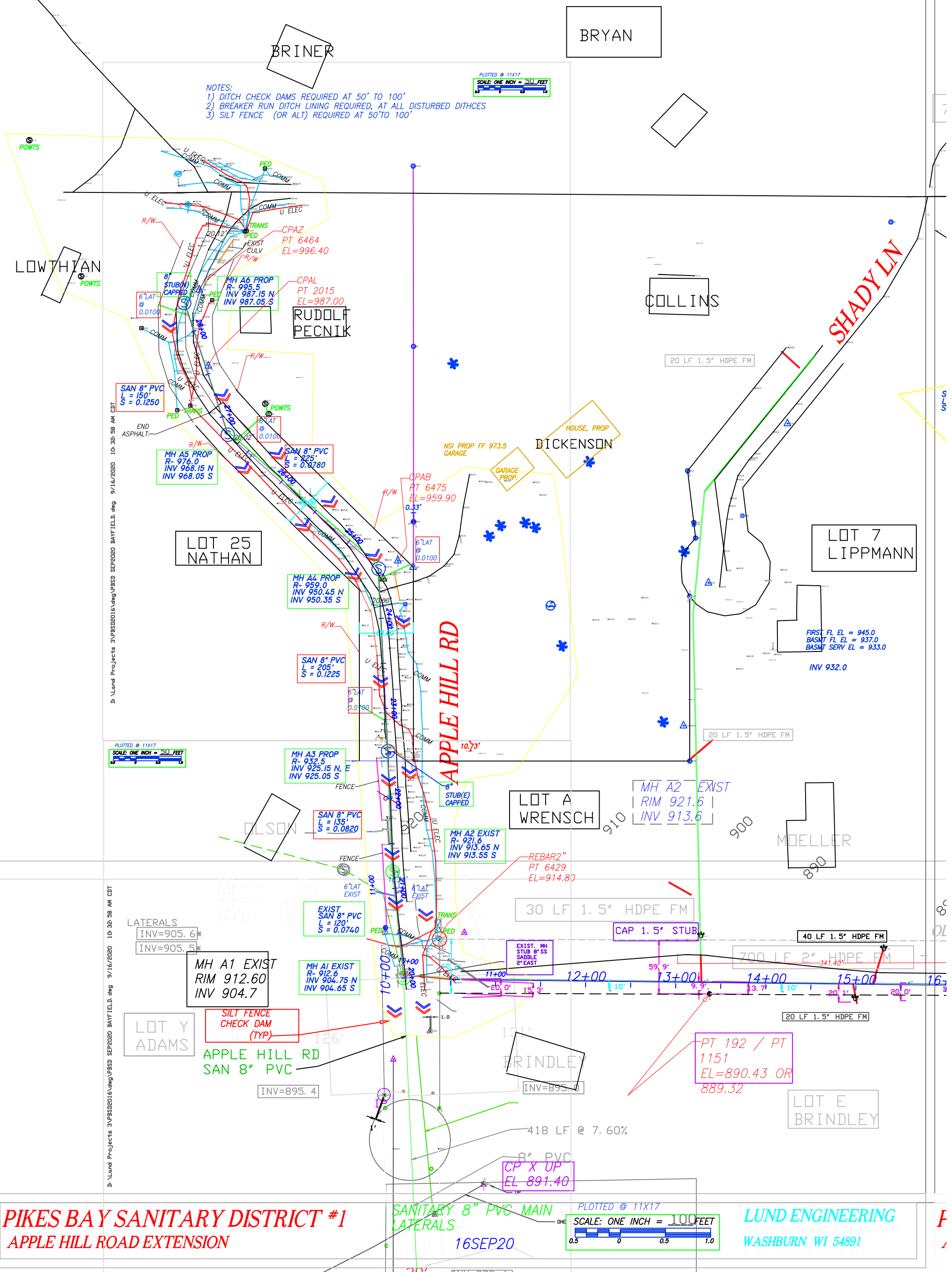
- NOTES:
- 1) DITCH CHECK DAMS REQUIRED AT 50' TO 100'
 - 2) BREAKER RUN DITCH LINING REQUIRED, AT ALL DISTURBED DITCHES
 - 3) SILT FENCE (OR ALT) REQUIRED AT 50' TO 100'



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PIKES BAY SANITARY DISTRICT #1
APPLE HILL ROAD EXTENSION

16SEP20

LUND ENGINEERING
 WASHBURN WI 54891

PLOTTED @ 11X17

SCALE: ONE INCH = 50 FEET



MH A3 PROP
R- 932.5
INV 925.15 N, E
INV 925.05 S

SAN 8" PVC
L = 135'
S = 0.0820

8" STUB(E)
CAPPED

MH A2 EXIST
R- 921.6
INV 913.65 N
INV 913.55 S

LOT A
WRENSC

REBAR2"
PT 6429
EL=914.80

EXIST
SAN 8" PVC
L = 120'
S = 0.0740

30 LF

LATERALS

INV=905.6*

INV=905.5*

MH A1 EXIST
RIM 912.60
INV 904.7

MH A1 EXIST
R- 912.6
INV 904.75 N
INV 904.65 S

EXIST. MH
STUB 8" SS
SADDLE
2" EAST

SILT FENCE
CHECK DAM
(TYP)

LOT Y
ADAMS

APPLE HILL RD
SAN 8" PVC

INV=895.4

INV=895.4

418 LF

8" PVC

CP X UP
EL 891.40

Y SANITARY DISTRICT #1 ROAD EXTENSION

SANITARY 8" PVC MAIN
LATERALS

16SEP20

INV=879.3

INV=879.4

BISCHOFF
TEMP
EASEMENT
8000
SF

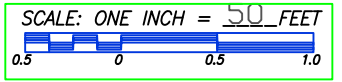
BISCH
4000

1390
SF

CP 104

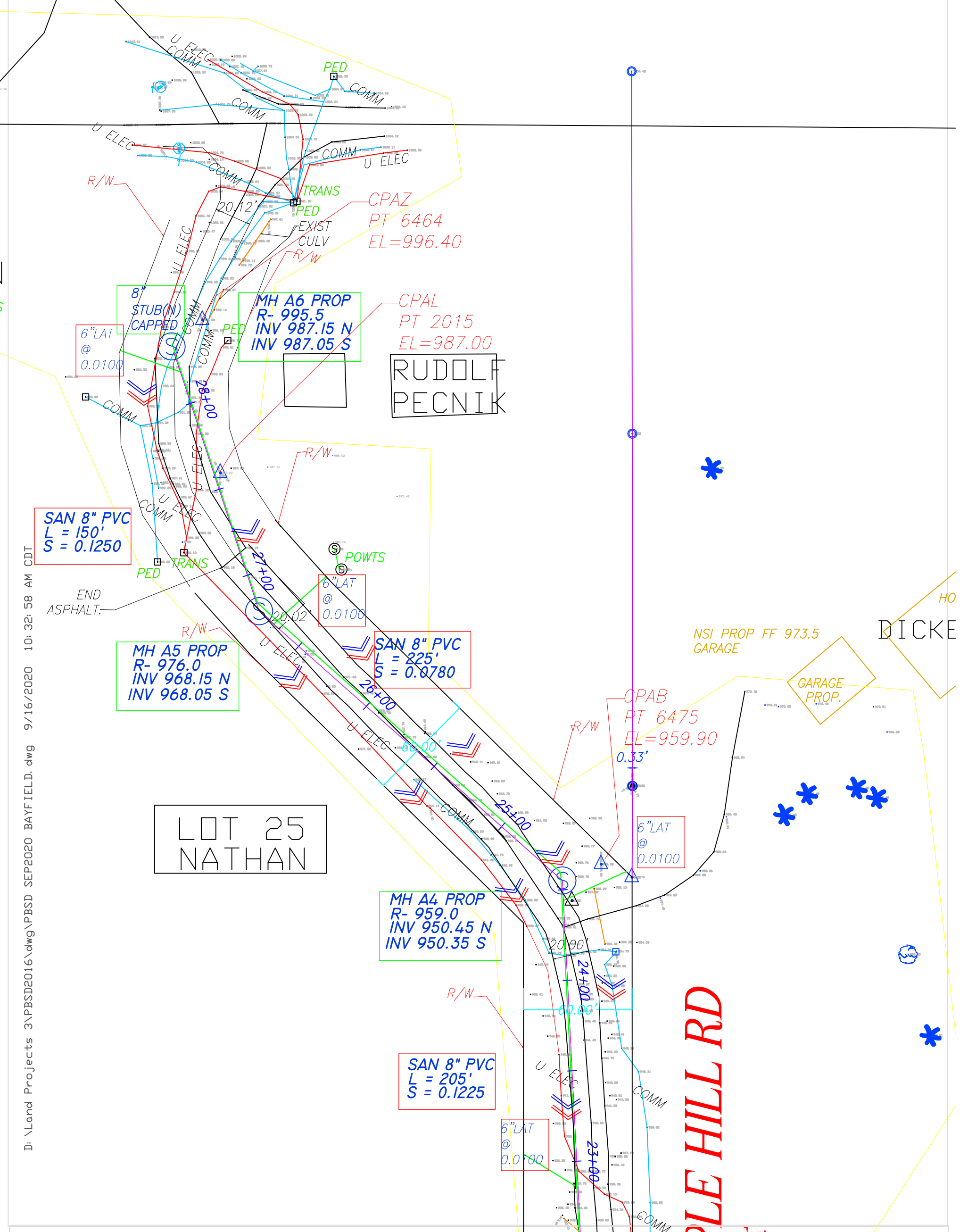
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PLOTTED @ 11X17



NOTES:

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SAN 8" PVC
L = 150'
S = 0.1250

MH A5 PROP
R- 976.0
INV 968.15 N
INV 968.05 S

LOT 25
NATHAN

MH A4 PROP
R- 959.0
INV 950.45 N
INV 950.35 S

SAN 8" PVC
L = 205'
S = 0.1225

MH A6 PROP
R- 995.5
INV 987.15 N
INV 987.05 S

RUDDOLF
PECNIK

CPAZ
PT 6464
EL=996.40

CPAL
PT 2015
EL=987.00

SAN 8" PVC
L = 225'
S = 0.0780

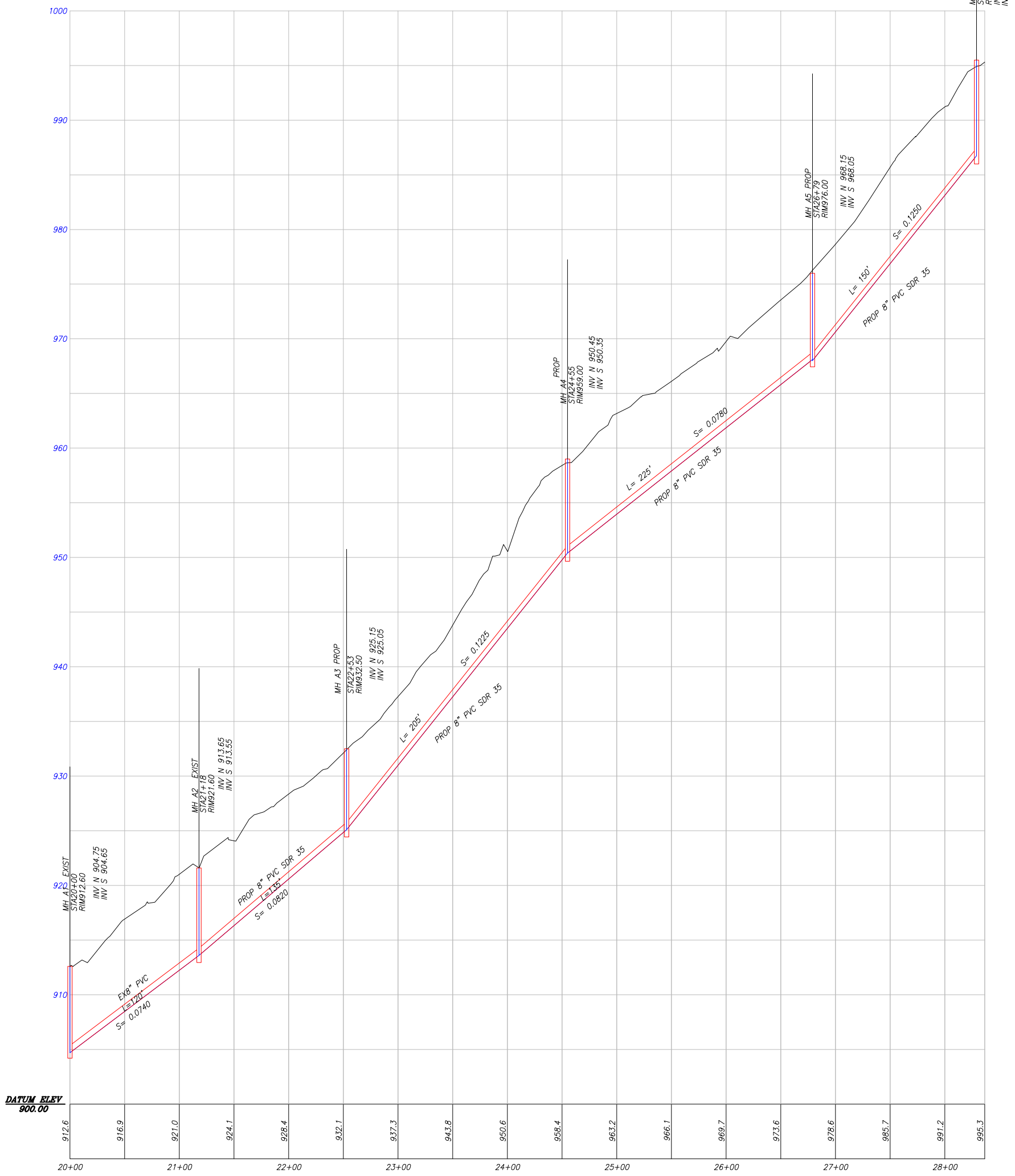
CPAB
PT 6475
EL=959.90
0.33'

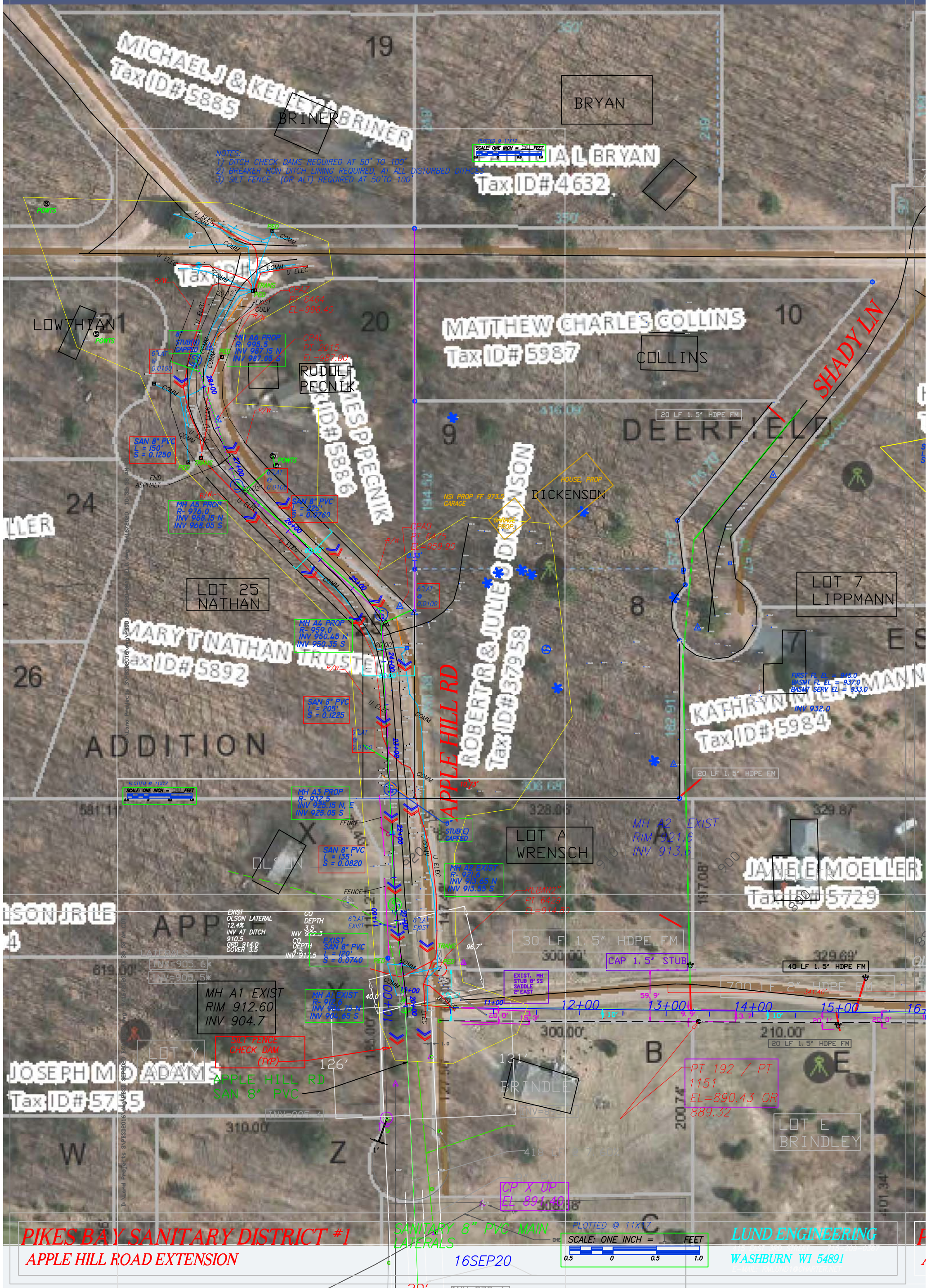
NSI PROP FF 973.5
GARAGE

GARAGE
PROP.

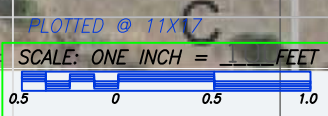
PLE HILL RD

HO
DICKE

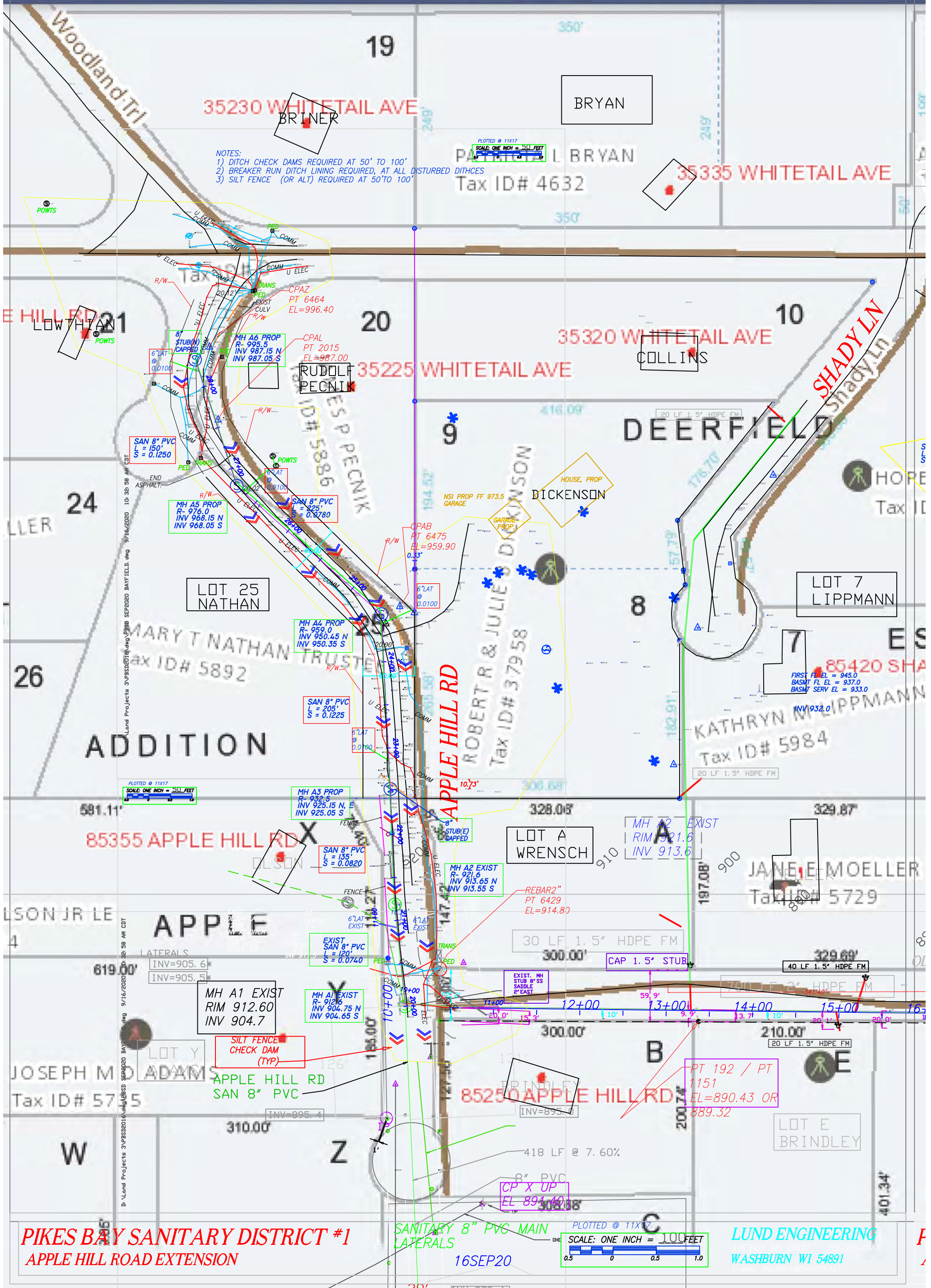




PIKES BAY SANITARY DISTRICT #1
APPLE HILL ROAD EXTENSION



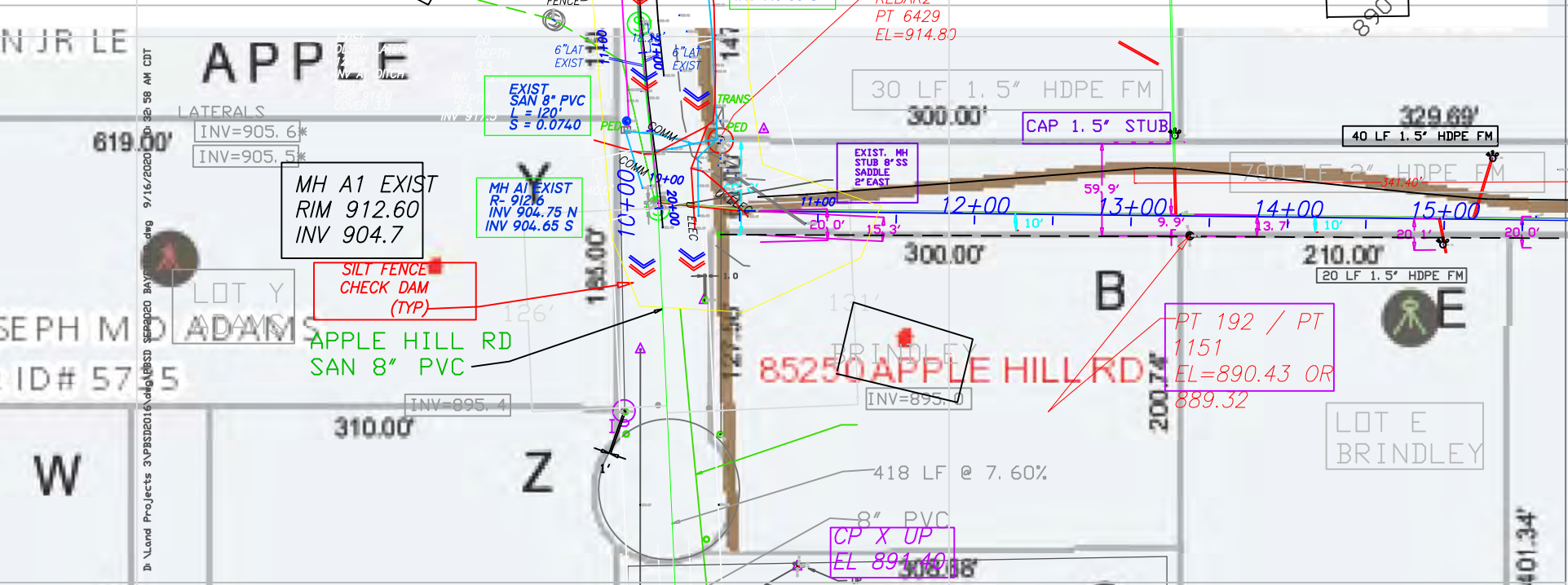
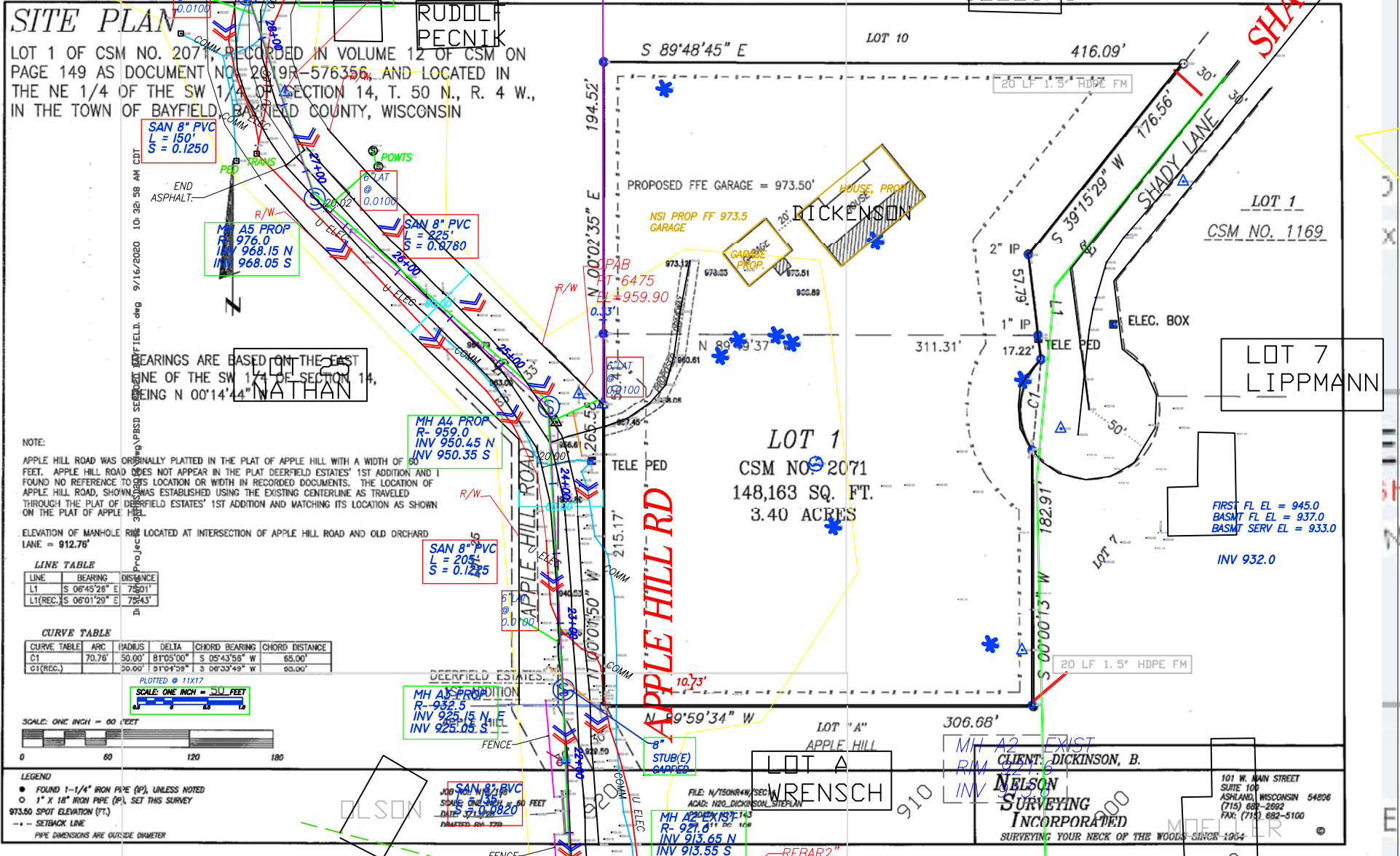
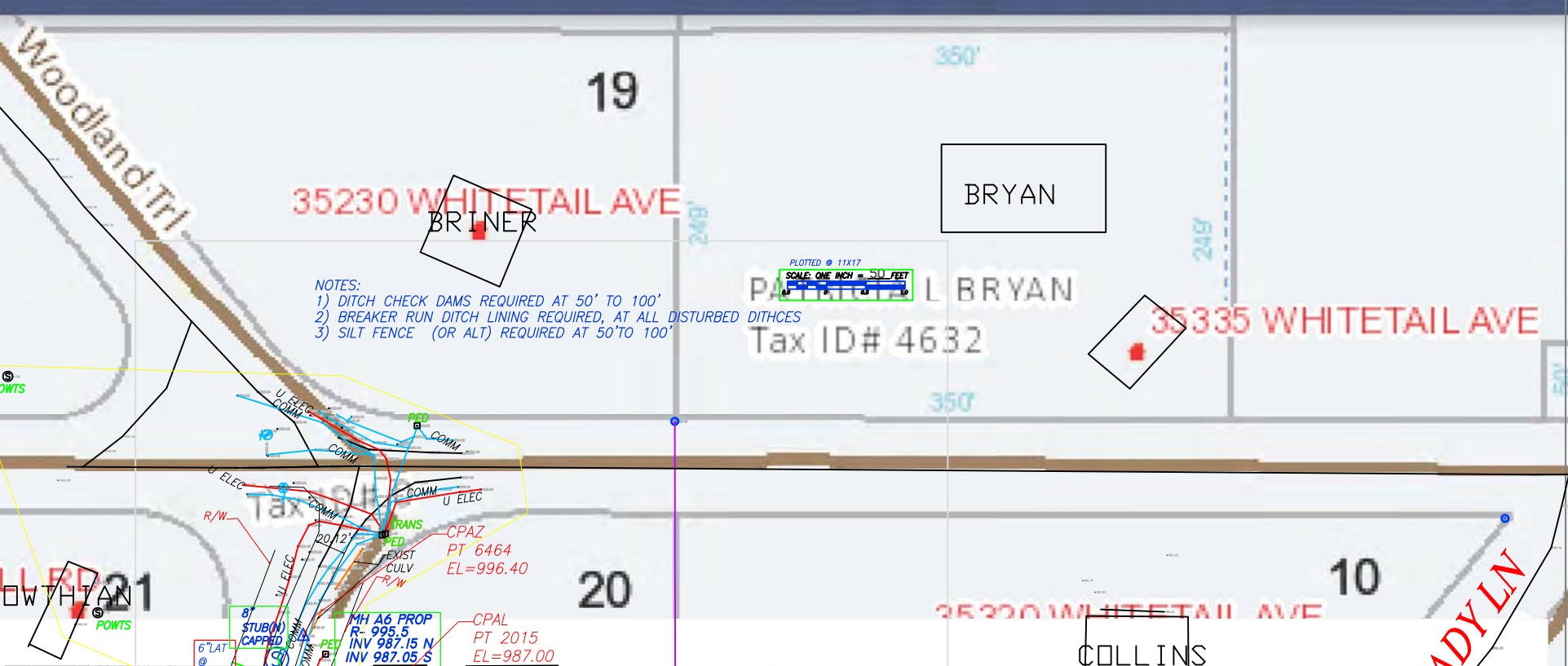
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PIKES BAY SANITARY DISTRICT #1
APPLE HILL ROAD EXTENSION

16SEP20

LUND ENGINEERING
WASHBURN WI 54891



Tax ID# 5881

ANNA
Tax ID

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SCALE: ONE INCH = 50 FEET

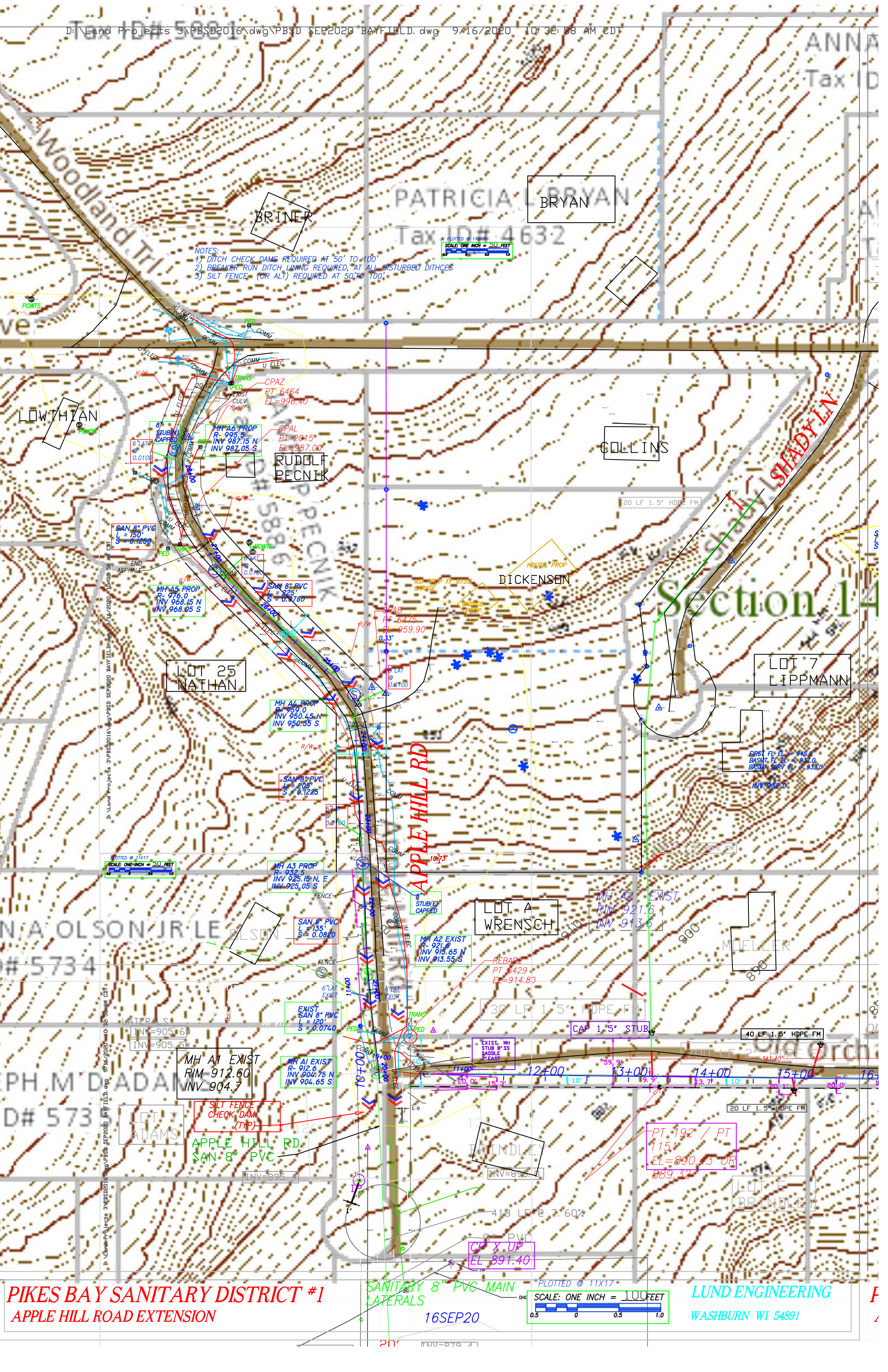
SCALE: ONE INCH = 50 FEET

SCALE: ONE INCH = 100 FEET

PIKES BAY SANITARY DISTRICT #1
APPLE HILL ROAD EXTENSION

16SEP20

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