

BLDG-SHEET INDEX	
NO	DETAIL
1	ELEVATIONS
2	ELEVATIONS
3	BUILDING LAYOUT
4	POST & FOUNDATION LAYOUT
5	FOUNDATION FORM LAYOUT
6	FOUNDATION DETAILS
7	ROOF FRAMING
8, 9 & 10	POST FRAMING
11	MEZANNINE FRAMING
12, 13 & 14	WALL FRAMING
15	CONSTRUCTION DETAILS
16	FENCE & PROPANE TANK INSTALLATION
17	FENCE & TANK INSTALLATION DETAIL
18	CONCEPTUAL ELECTRICAL PLAN
19	INFRARED HEATER DETAIL
20	SECTIONAL DOOR DETAIL (INFORMATIONAL ONLY)

GENERAL BLDG. DATA	
ITEMS	FEET
WIDTH	60
LENGTH	120
EAVE HT.	22' & 18'
ROOF PITCH	4
FRAME SPACING	AS SPECIFIED
TRUSS SPACING	VARIES
GIRT SPACING	2'-0"

DESIGN CRITERIA	
ITEMS	UNIT
WIND SPEED	113 MPH
EXPOSURE	C
SEISMIC ZONE	D
SNOW LOAD	30 PSF
SOIL BEARING	1500 PSF

SCOPE OF WORK:

1. PERFORM COMPLETE SITE IMPROVEMENTS AS PER THESE PLANS AND SPECIFICATIONS
2. PERFORM COMPLETE STRUCTURAL BUILDING INSTALLATION INCLUDING:
 - A. FOUNDATION
 - B. ELECTRICAL (ROUGH & FINISH)
 - C. PLUMBING (ROUGH & FINISH)
 - D. INSULATION & DRYWALL FINISH BATHROOM ONLY
 - E. HVAC
 - F. PROPANE

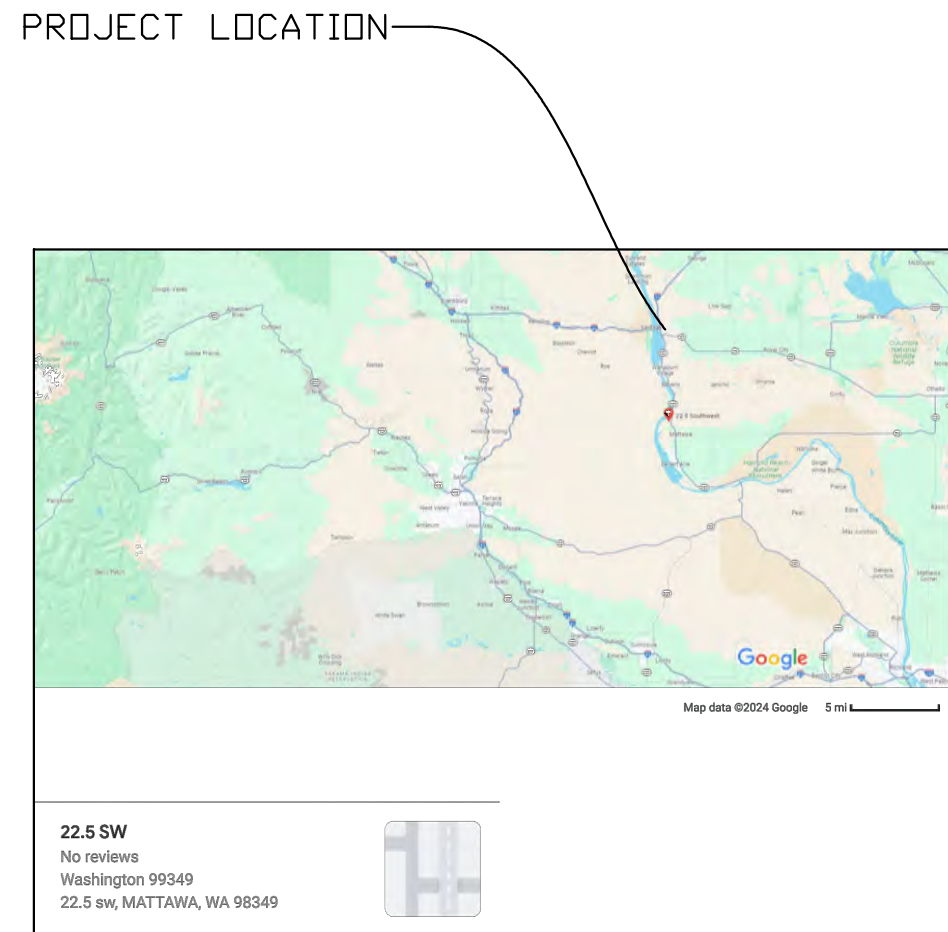
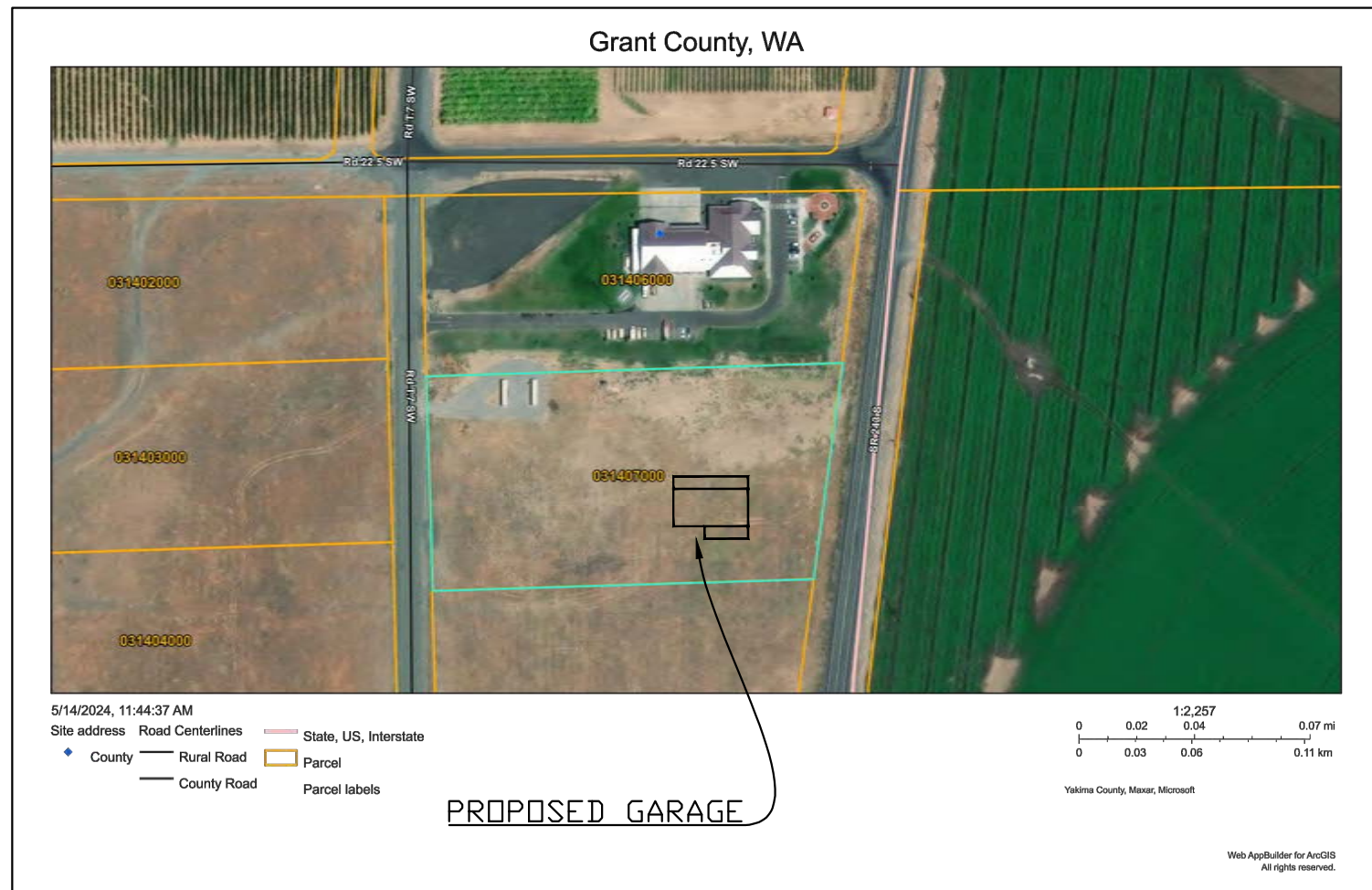
EXCEPT WITH THE EXCLUSION OF:

- A. DRYWALL & INSULATION INSTALLATION OF ALL OTHER AREAS.

Design Criteria
Current Codes*:

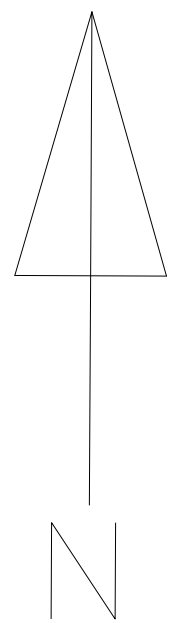
- 2021 Washington State Building Code
- 2021 Washington State Fire Code
- 2021 Washington State Residential Code
- 2021 Washington State Existing Building Code
- 2021 Washington State Mechanical Code
- 2021 Washington State Fuel Gas Code
- 2021 Washington State Plumbing Code
- 2021 Washington State Energy Code
- Accessible & Usable Buildings & Facilities ICC A117.1-2009

REVISIONS					
	3/9/23		1		
					
* STRUCTURAL DESIGN REHMAN CONSULTING ENGRS. (916) 406-4264 7036 EL RINCO AVE, ELVERTA, CA 95626 MALIK REHMAN, P.E.					
					
POLE BUILDING GARAGE					
VICINITY MAP					
FBI: FIRE DISTRICT 8 GARAGE					
PARCEL # 19J31422425					
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DATE: 7/6/24					
SCALE: N.T.S					
DRAWN BY: MR					
APPROVED:					
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SHEET NUMBER:					



PLOT STYLE: 24X36 SHEETS

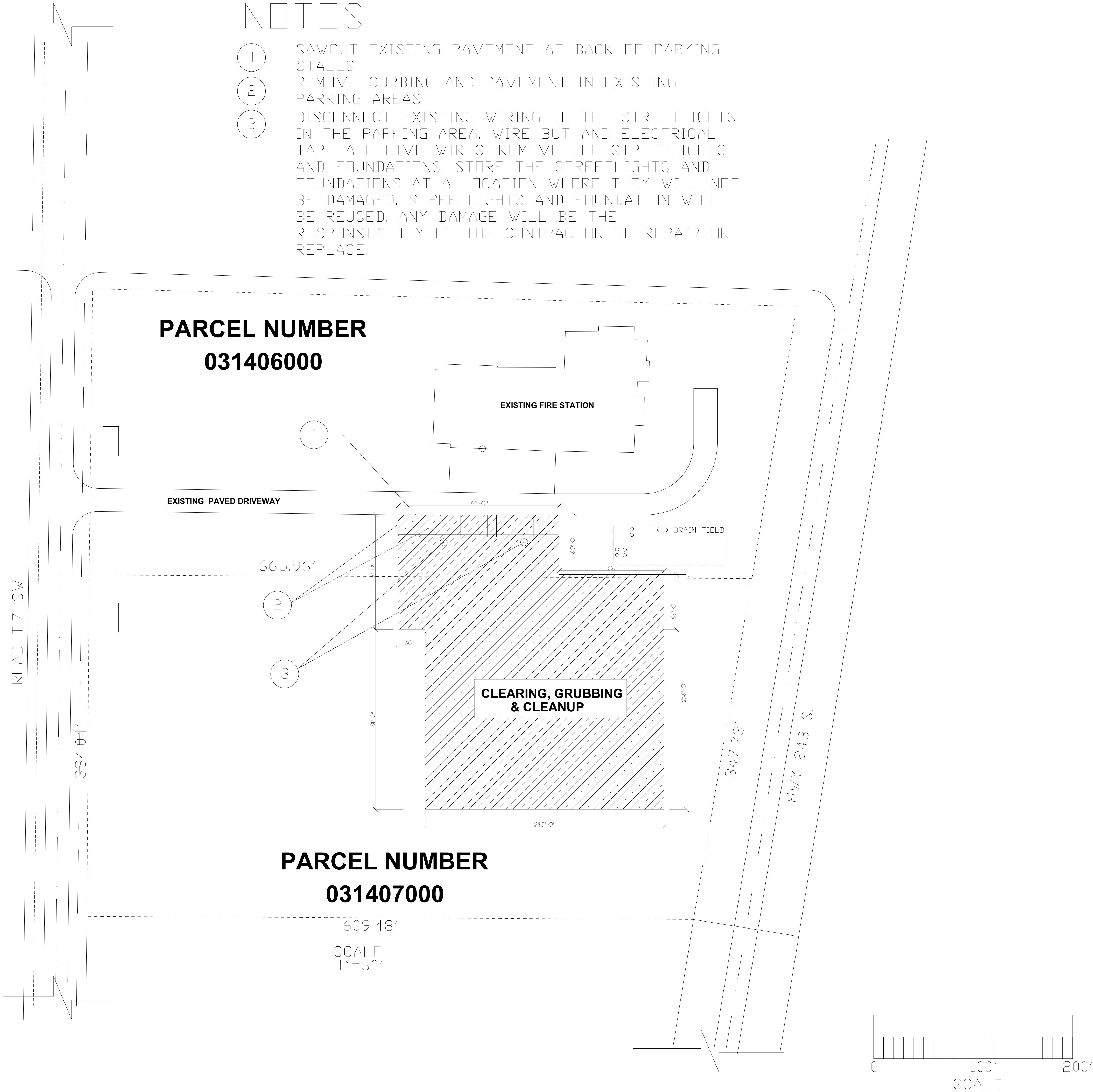
NOTE: SITE CORNERS TO BE STAKED UNDER THE SUPERVISION
OF THE PROPERTY OWNER OR AN AUTHORIZED REPRESENTATIVE APPOINTED BY THE PROPERTY OWNER
(DISTANCES SHOWN ARE APPROXIMATE AND TO BE CONFIRMED PRIOR TO CONSTRUCTION)
(IN CASE OF ANY DISCREPANCY
CONTACT ENGINEER OF RECORD FOR CLARIFICATION ANY KNOWN UTILITY CONFLICTS TO BE RESOLVED BY OWNER)



NOTES:

- 1
- 2
- 3
- SAWCUT EXISTING PAVEMENT AT BACK OF PARKING STALLS
REMOVE CURBING AND PAVEMENT IN EXISTING PARKING AREAS
DISCONNECT EXISTING WIRING TO THE STREETLIGHTS IN THE PARKING AREA. WIRE BUT AND ELECTRICAL TAPE ALL LIVE WIRES. REMOVE THE STREETLIGHTS AND FOUNDATIONS. STORE THE STREETLIGHTS AND FOUNDATIONS AT A LOCATION WHERE THEY WILL NOT BE DAMAGED. STREETLIGHTS AND FOUNDATION WILL BE REUSED. ANY DAMAGE WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR OR REPLACE.

QUANTITY ESTMATE INDEX			
N O	ITEM	UNIT	QUANTITY
1	CLEARING GRUBBING & CLEAN-UP	ACRE	2.22
2	SAW CUTTING	L.F.	175
3	REMOVING CONCRETE CURB	L.F.	220
4	REMOVING ASPHALT PAVEMENT	S.Y.	325
5	REMOVING STREETLIGHT	EA.	2
6	2" PEX WATERLINE INSTALLED	L.F.	250
7	4" ABS SEWER LINE, INSTALLED	L.F.	70
8	INFILTRATION GALLERY INSTALLED	EA	1
9	2" ABS DRAIN LINE, INSTALLED	L.F.	70
10	GRADING & COMPACTION	S.Y.	2700
11	5/8" MINUS GRAVEL	C.Y.	300



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(916) 406-4264
7930 EL RENO AVE.
ELVERTA, CA 95624
MALIK REHMAN, P.E.

DEMOLITION
&
CLEARING PLAN

POLE BUILDING GARAGE
FOR FIRE DISTRICT 8 GARAGE
80643 RD. 28.5 SW
WATYAWA, WA 98549
PARCEL # 1913142425

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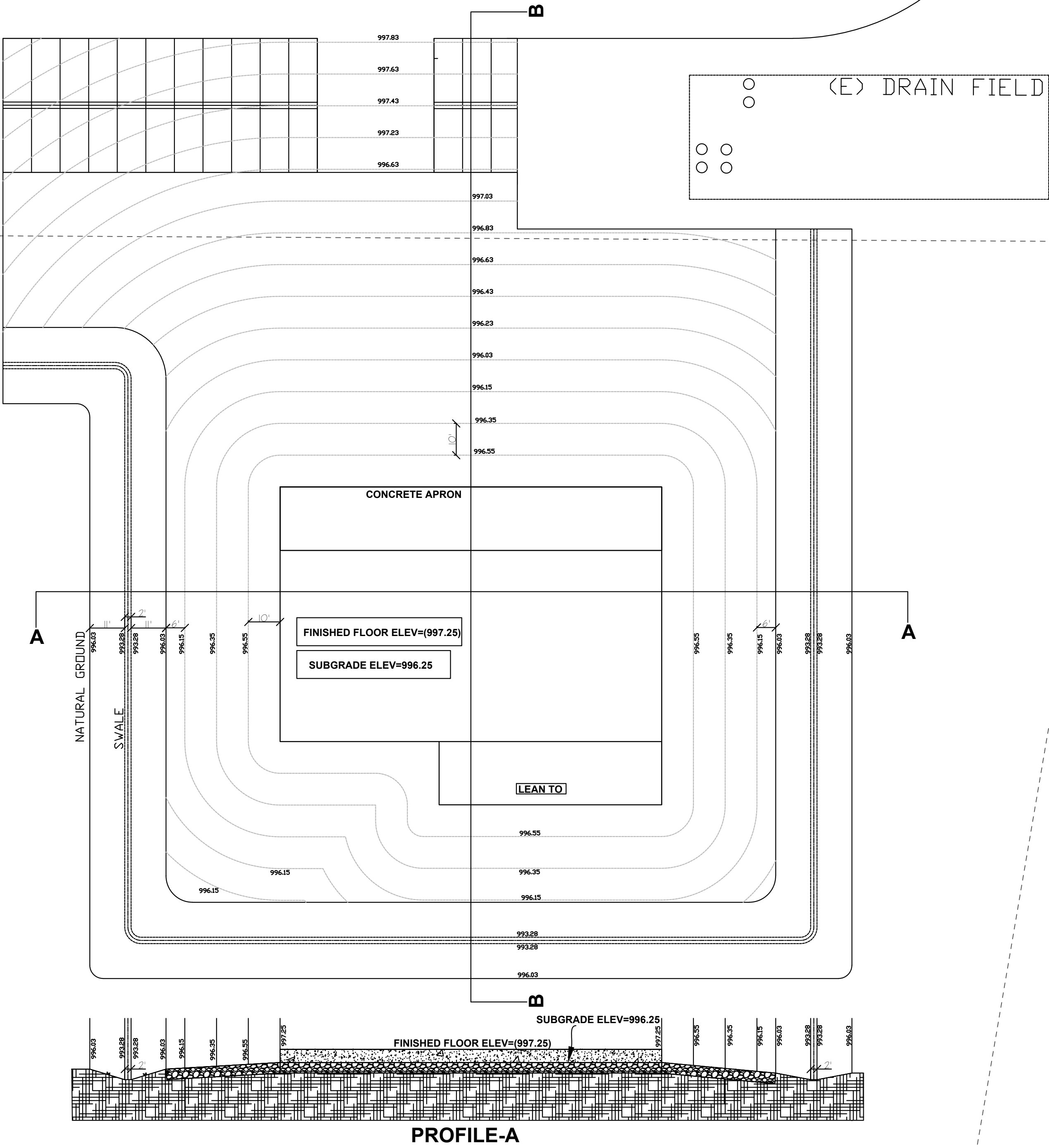
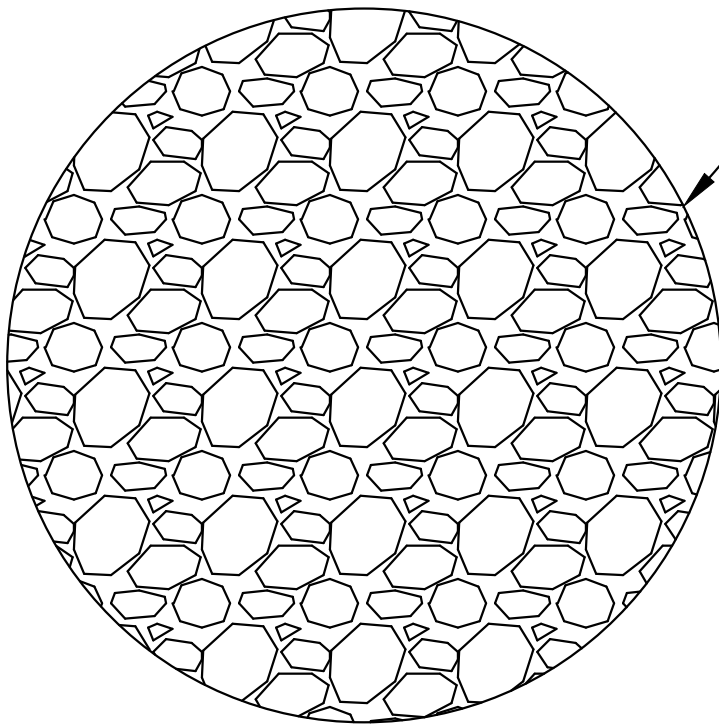
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S2

PARCEL NUMBER
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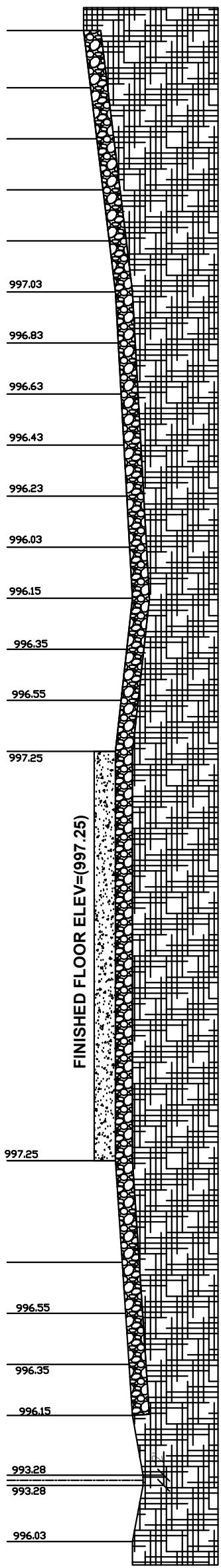
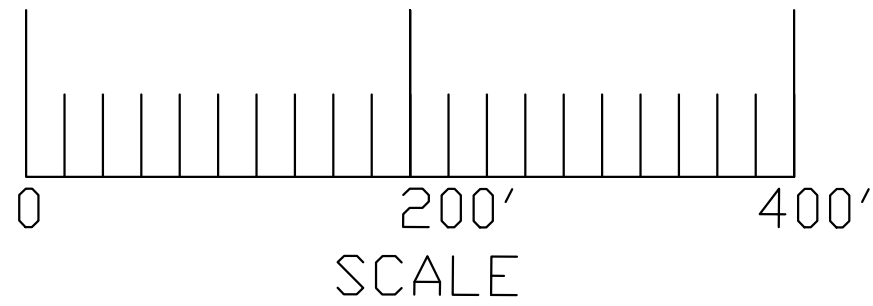
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STOCKPILE AREA
(STOCKPILE TO BE
A MINIMUM OF 10
FEET FROM THE
PROPERTY LINE



PROFILE-A

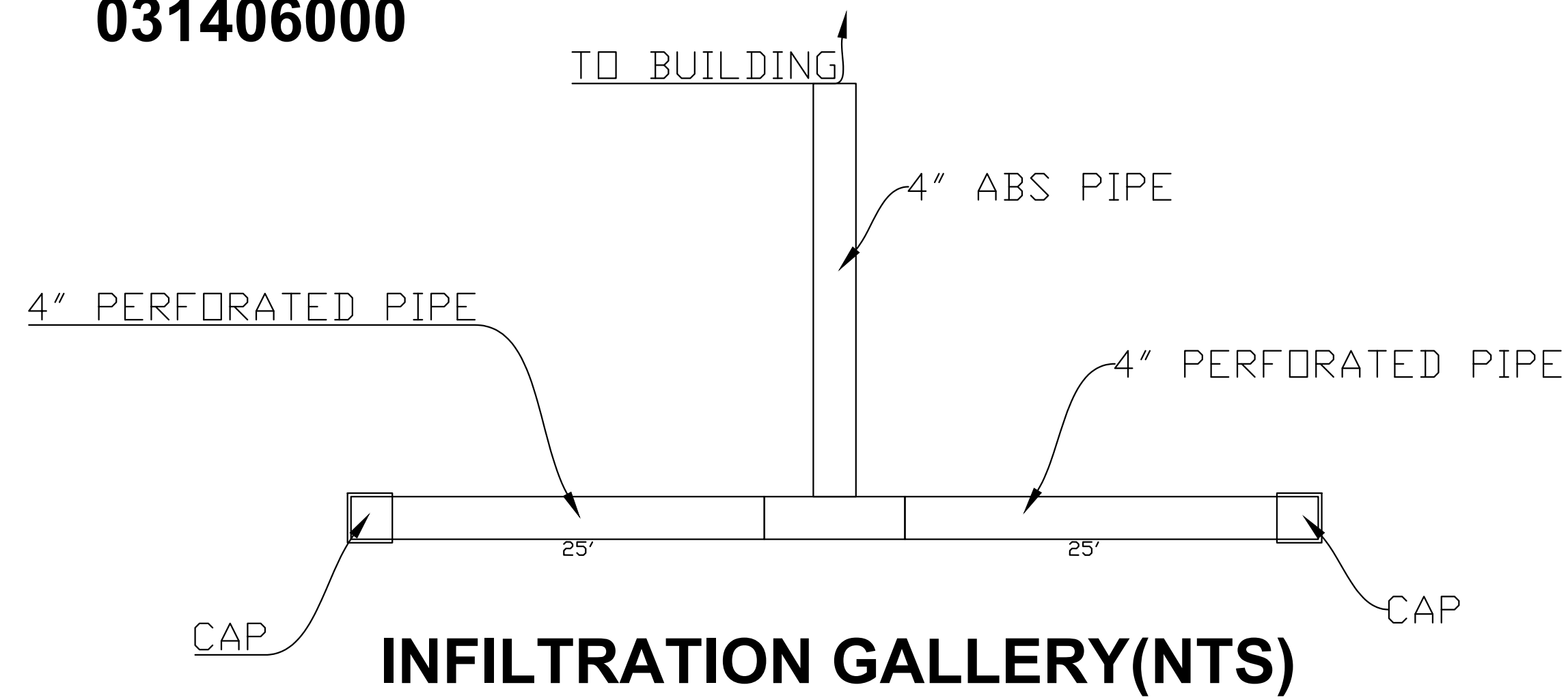
SCALE
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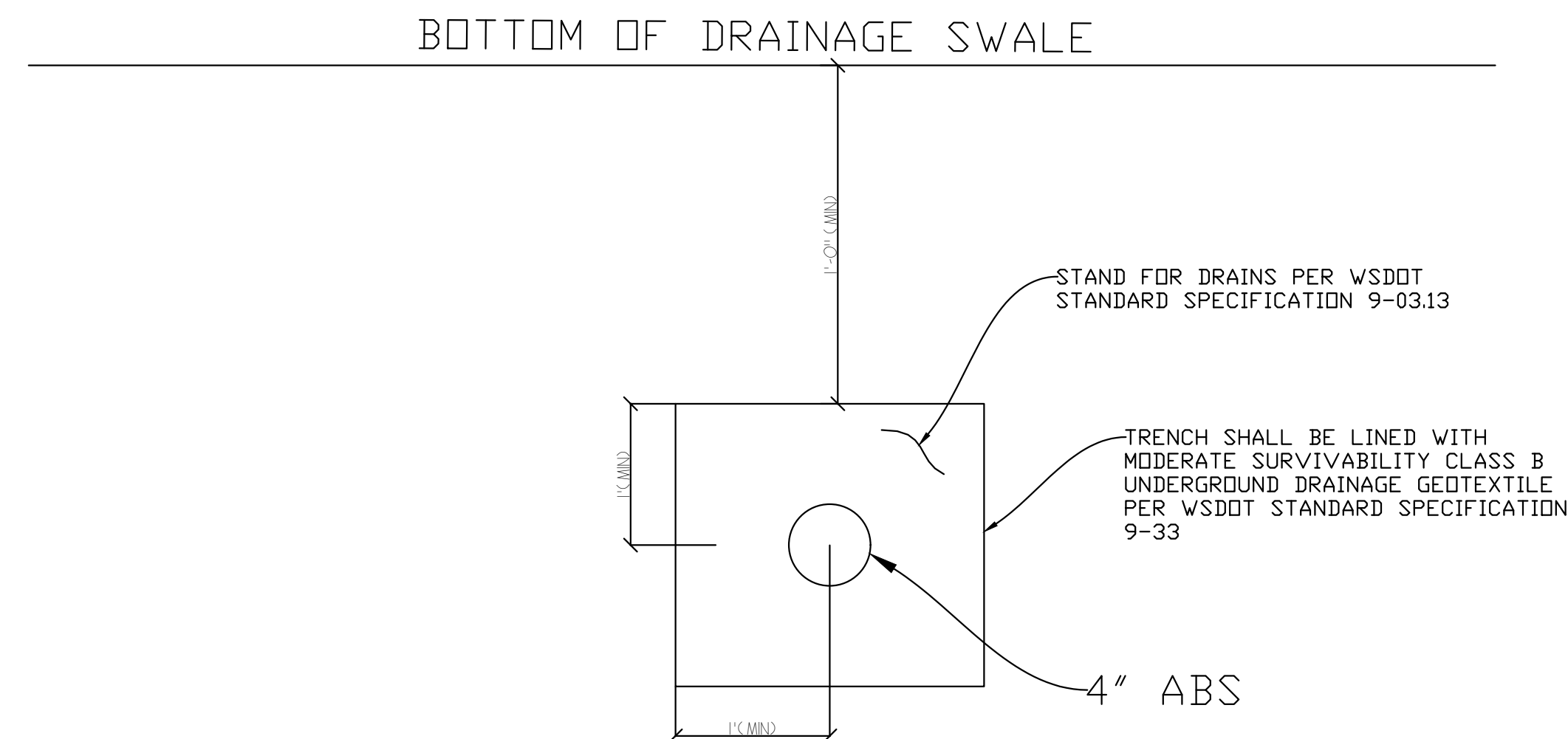
PROFILE-B

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GRADING PLAN	
POLE BUILDING GARAGE FOR: FIRE DISTRICT 8 GARAGE 80643 RD. 28.5 SW MAYTAVA, WA 98549 PARCEL #: 1913142425	
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SHEET NUMBER:	
S4	

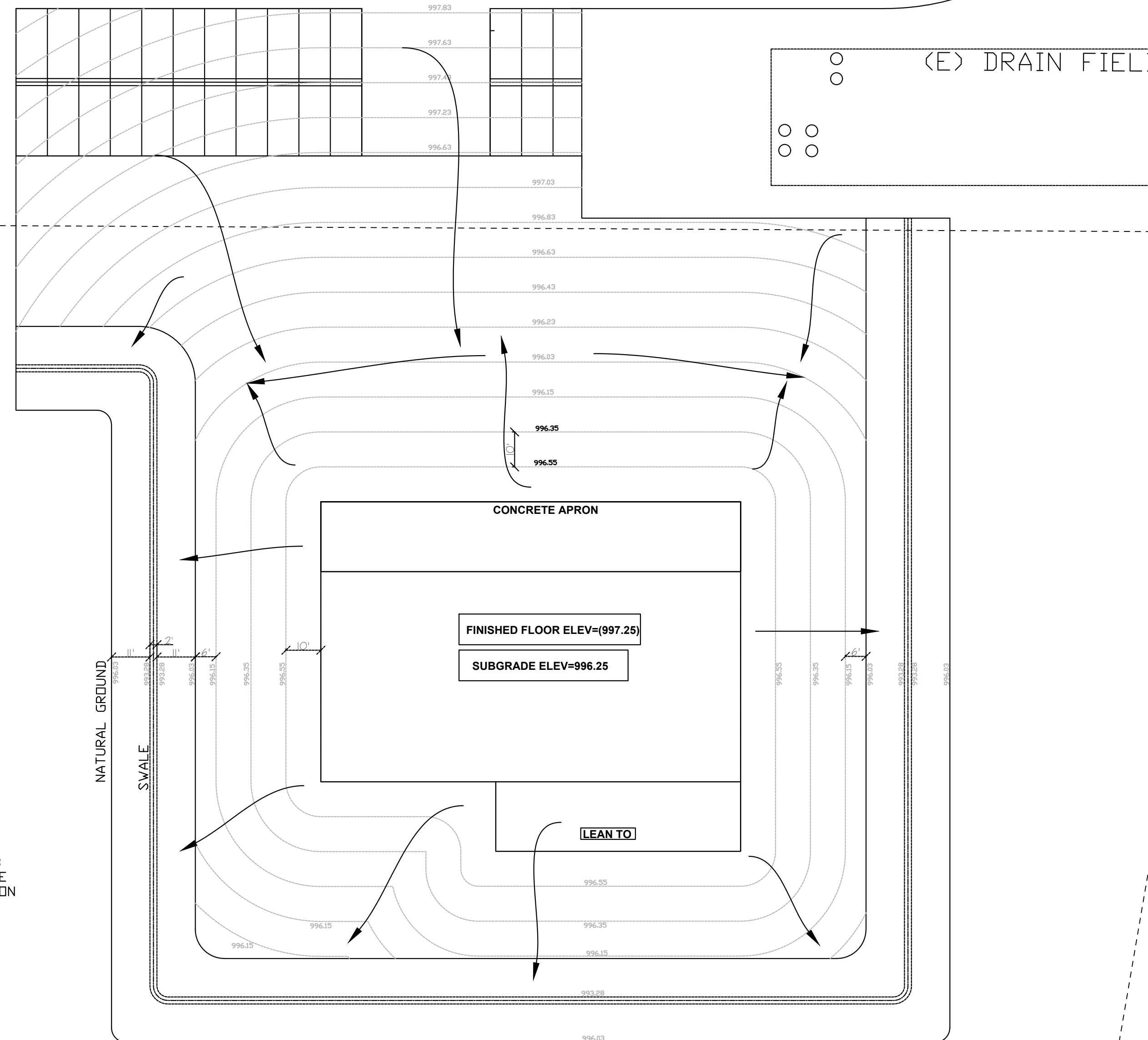
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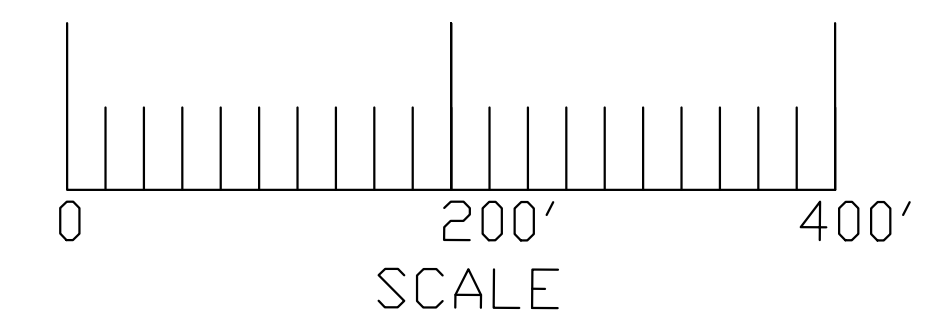
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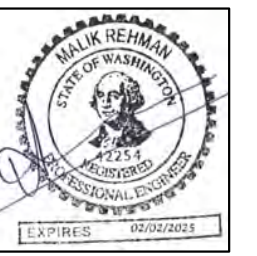
INFILTRATION GALLERY(NTS)



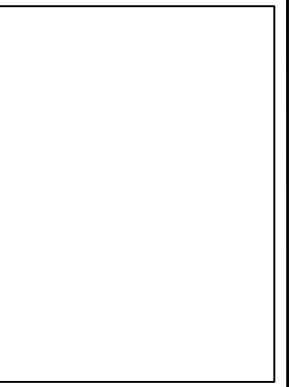
SCALE
1"=30'



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ELVERTA, CA 95626
MALIK REHMAN, P.E.



DRAINAGE PLAN

POLE BUILDING GARAGE
FOR: FIRE DISTRICT 8 GARAGE
20643 RD. 225 SW
MATTAWA, WA 98349
PARCEL # 19131422425

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DATE: _____

6/24

SCALE:
-SHOWN

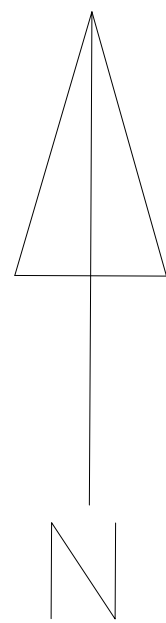
AWN BY:

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- NUMBER

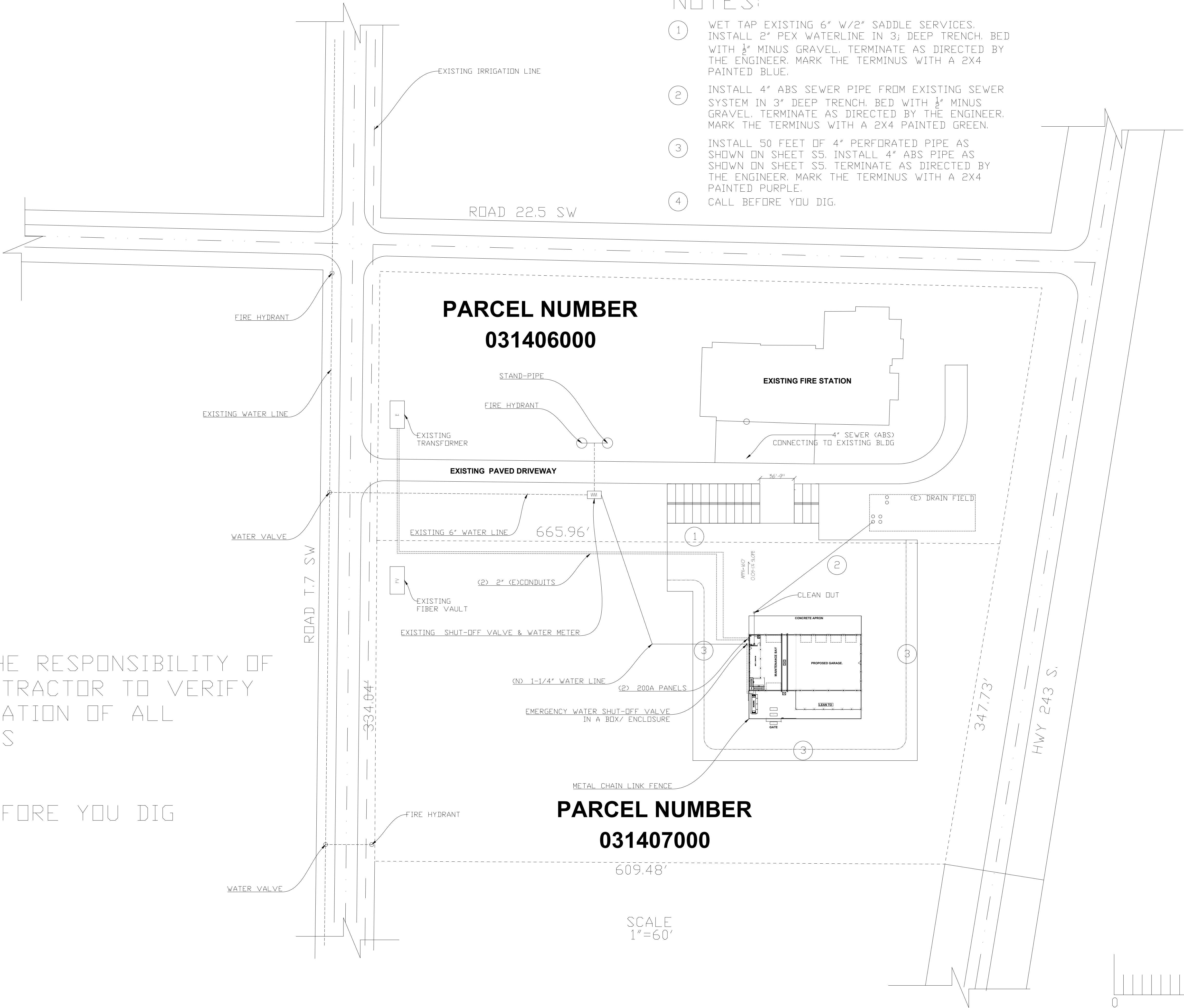
T NUMBER:

55



NOTES:

- 1
- WET TAP EXISTING 6" W/2" SADDLE SERVICES. INSTALL 2" PEX WATERLINE IN 3' DEEP TRENCH. BED WITH 1/2" MINUS GRAVEL. TERMINATE AS DIRECTED BY THE ENGINEER. MARK THE TERMINUS WITH A 2X4 PAINTED BLUE.
- 2
- INSTALL 4" ABS SEWER PIPE FROM EXISTING SEWER SYSTEM IN 3" DEEP TRENCH. BED WITH 1/2" MINUS GRAVEL. TERMINATE AS DIRECTED BY THE ENGINEER. MARK THE TERMINUS WITH A 2X4 PAINTED GREEN.
- 3
- INSTALL 50 FEET OF 4" PERFORATED PIPE AS SHOWN ON SHEET S5. INSTALL 4" ABS PIPE AS SHOWN ON SHEET S5. TERMINATE AS DIRECTED BY THE ENGINEER. MARK THE TERMINUS WITH A 2X4 PAINTED PURPLE.
- 4
- CALL BEFORE YOU DIG.



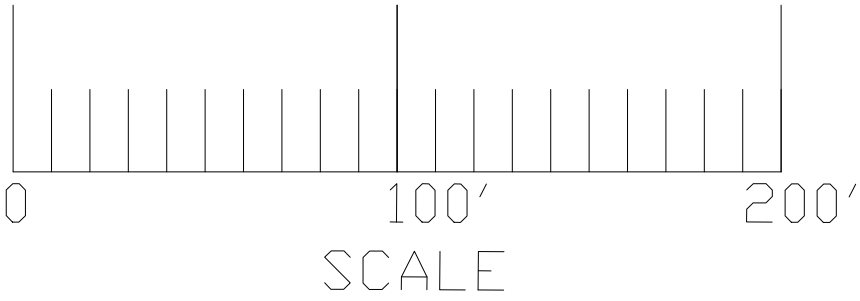
NOTES:

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATION OF ALL UTILITIES

CALL BEFORE YOU DIG

PARCEL NUMBER
031407000

SCALE
1"=60'



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MALIK REHMAN, P.E.

UTILITY PLAN

POLE BUILDING GARAGE
FOR: FIRE DISTRICT 8 GARAGE
20443 RD. 28.5 SW
MAYTAVA, WA 98549
PARCEL #: 1913142425

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S6