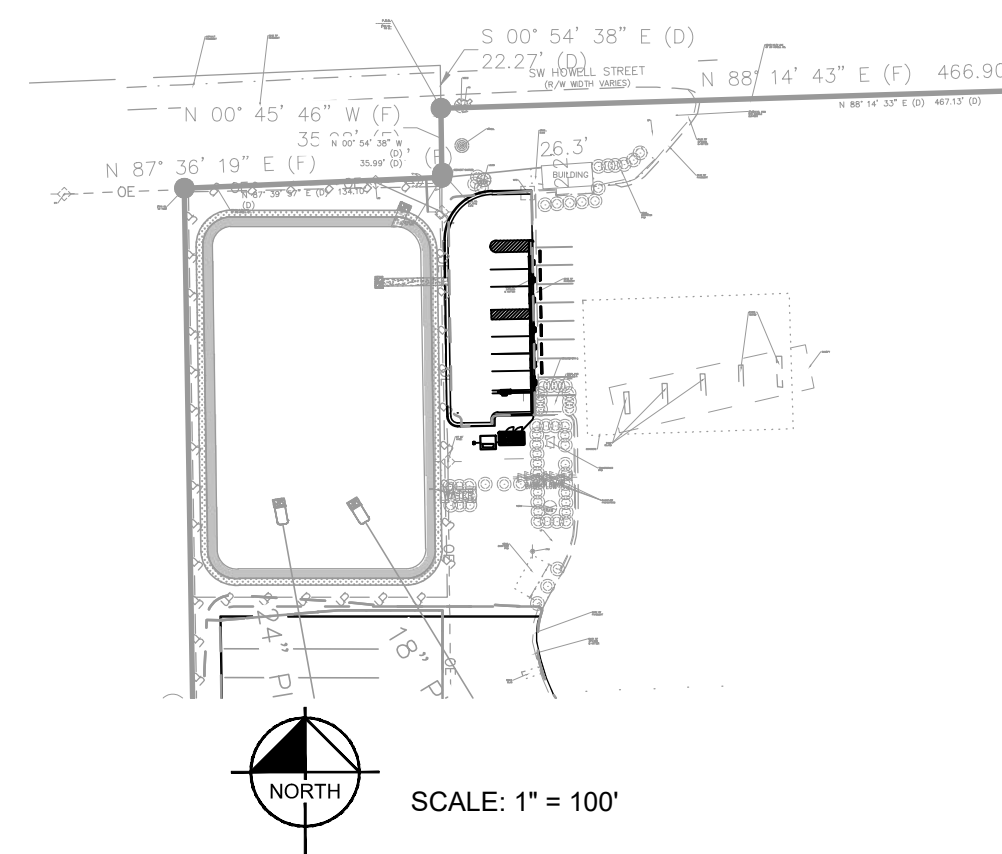
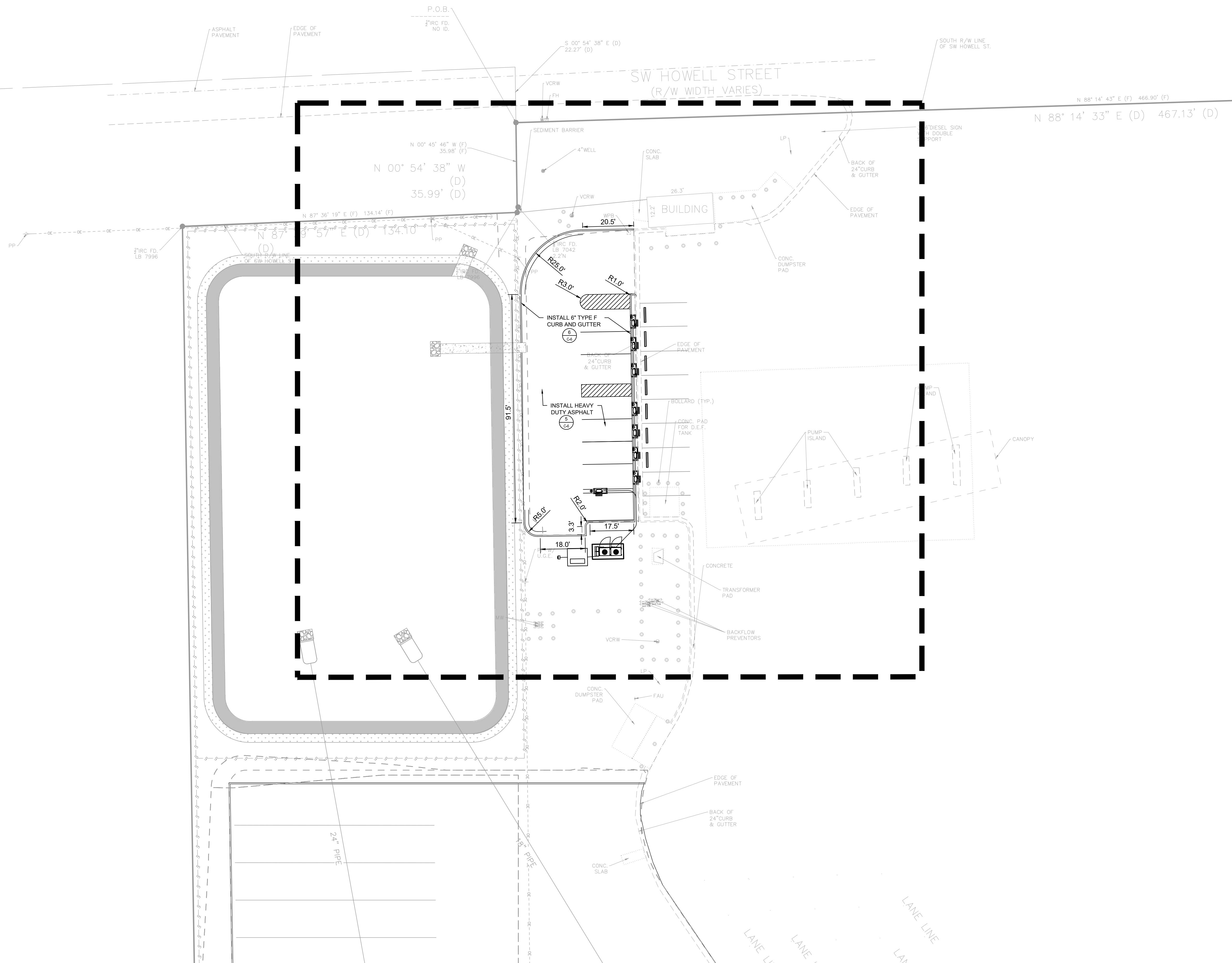


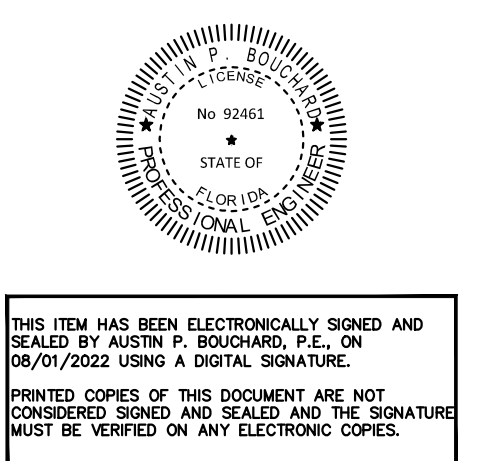
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- NOTES:**
1. SITE PLAN BASED ON PROPOSED SITE PLAN DOCUMENTS FOR SUNSTOP #6338 LOCATED AT 14170 US-41 IN THE LAKE CITY, FL 32024 BY NORTH FLORIDA PROFESSIONAL SERVICES, INC.
 2. UTILITY CONNECTION TO BE MADE UNDER FPL STANDARDS, CONFIRM FINAL DESIGN PRIOR TO CONSTRUCTION.
- FPL WORK REQUEST:
3. HAND DIG TRENCH IN AREAS WITH EXISTING UNDERGROUND UTILITIES. CONTACT ENGINEER IF THERE IS A UTILITY CONFLICT.
 4. THE CONTRACTOR SHALL RETURN SIDEWALKS, LANDSCAPING, PLANTERS, IRRIGATION SYSTEMS, AND ANY OTHER FACILITIES DISTURBED BY THE WORK TO THE SAME OR BETTER CONDITION THAN EXISTED PRIOR TO THE COMMENCEMENT OF THE WORK.
 5. CONTRACTOR TO VERIFY REMOVAL OF SIGNS, LIGHTS, AND DOG PARK FENCING PRIOR TO CONSTRUCTION. IF EXISTING SIGNS, LIGHTS, OR DOG PARK FENCING ARE CONFLICTING WITH PLAN, CONTRACTOR TO REMOVE.



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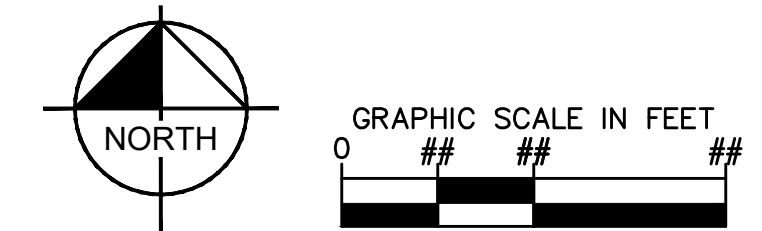
110757015	08/01/2022	SCALE AS SHOWN	DESIGNED BY AF	DRAWN BY AF	CHECKED BY CH
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OVERALL SITE PLAN

SUNSTOP #338
PREPARED FOR
TESLA

SHEET NUMBER

C-1

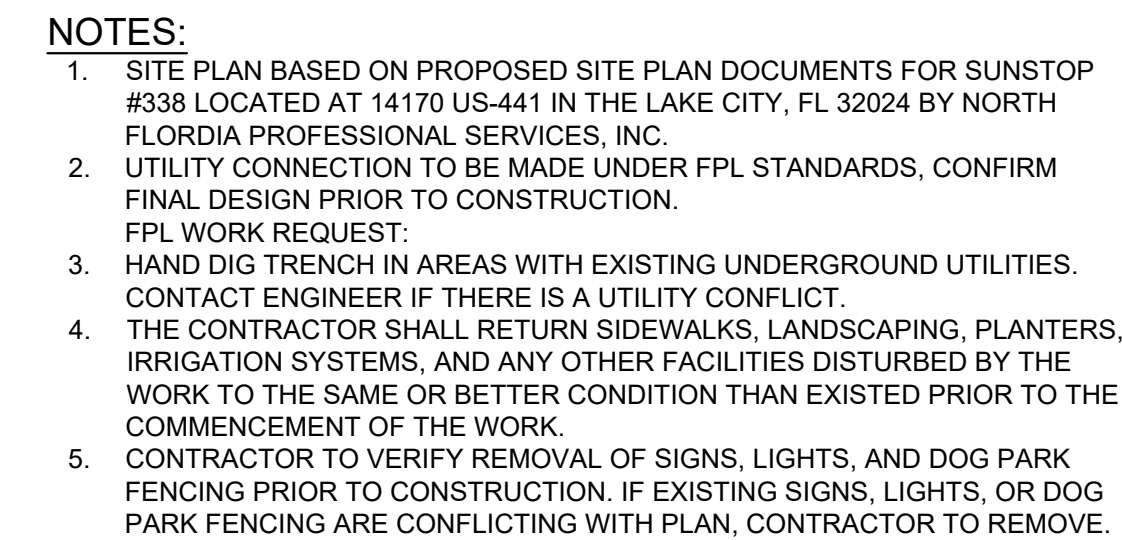


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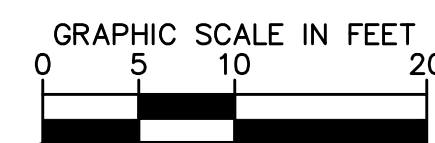
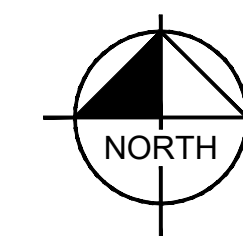
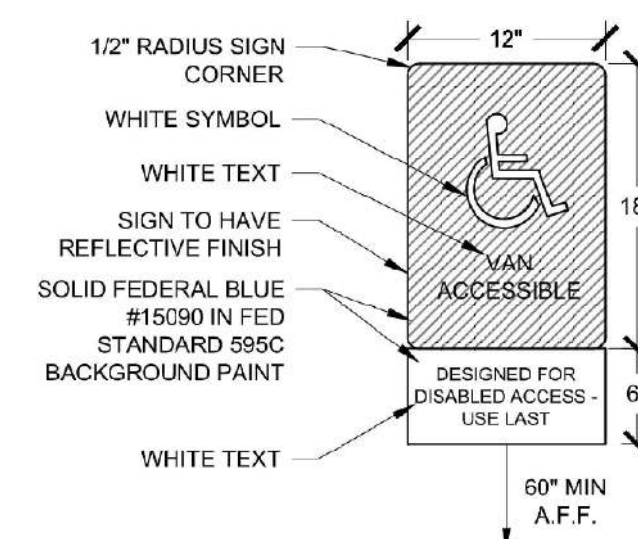
- Proposed 133 SF Reduction of Impervious Space:** Located near the building footprint.
- Proposed 36 SF Addition of Impervious Space:** Located near the proposed meter post.
- Proposed Bollard Mounted Dedicated Signage (Typ. of 2):** Located near the building.
- Proposed Wheel Stop (Typ.):** Located near the building.
- Proposed "Please Use Other Side" Signage:** Mount to back of charge post (Typ. of 7).
- Proposed Bollard Mounted, Enabled Signage, and Van Accessible Signage (Typ. of 1):** Located near the building.
- Proposed Bollard Mounted Enabled Signage (Typ. of 4):** Located near the building.
- Proposed Tesla Charge Post (Typ. of 8):** Located near the building.
- Proposed Bollard Mounted Enabled Signage (Typ. of 1):** Located near the building.
- Proposed Meter Mounted to Concrete Post - See Utility Design:** Located near the building.
- Proposed Pad-Mounted Transformer for Tesla:** Located near the building.
- Proposed Tesla Cabinets (Typ. of 2):** Located near the building.
- Proposed Switchgear:** Located near the building.
- Proposed 12" Radius Sign Corner:** Located near the building.
- Proposed 60" Min A.F.F.:** Located near the building.

Van Accessible Sign Callout:

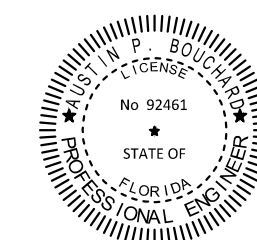
- 12" Radius Sign Corner
- White Symbol
- White Text
- Sign to Have Reflective Finish
- Solid Federal Blue #15090 in FED Standard 595C Background Paint
- White Text
- 60" Min A.F.F.



CHARGING POST CIRCUIT SCHEDULE		
SUPERCHARGER	CHARGE POST	DEDICATED/ENABLED
①	1A	DEDICATED
	1B	DEDICATED
	1C	ENABLED - VAN ACCESSIBLE
	1D	ENABLED
②	2A	ENABLED
	2B	ENABLED
	2C	ENABLED
	2D	ENABLED

[illegible]

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SITE PLAN

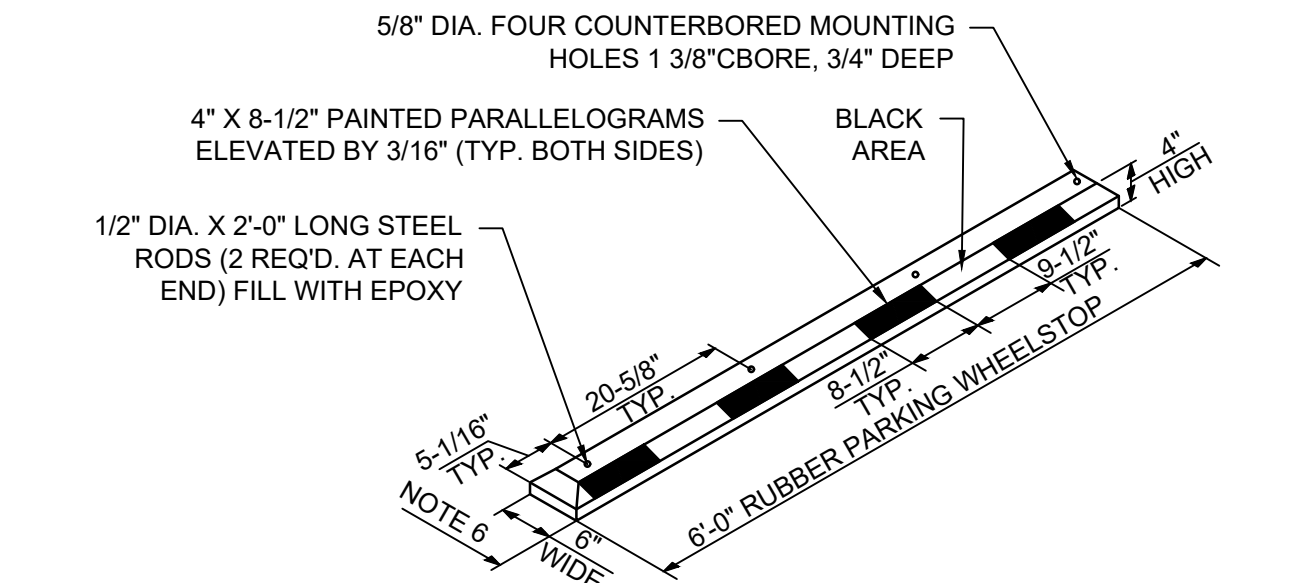
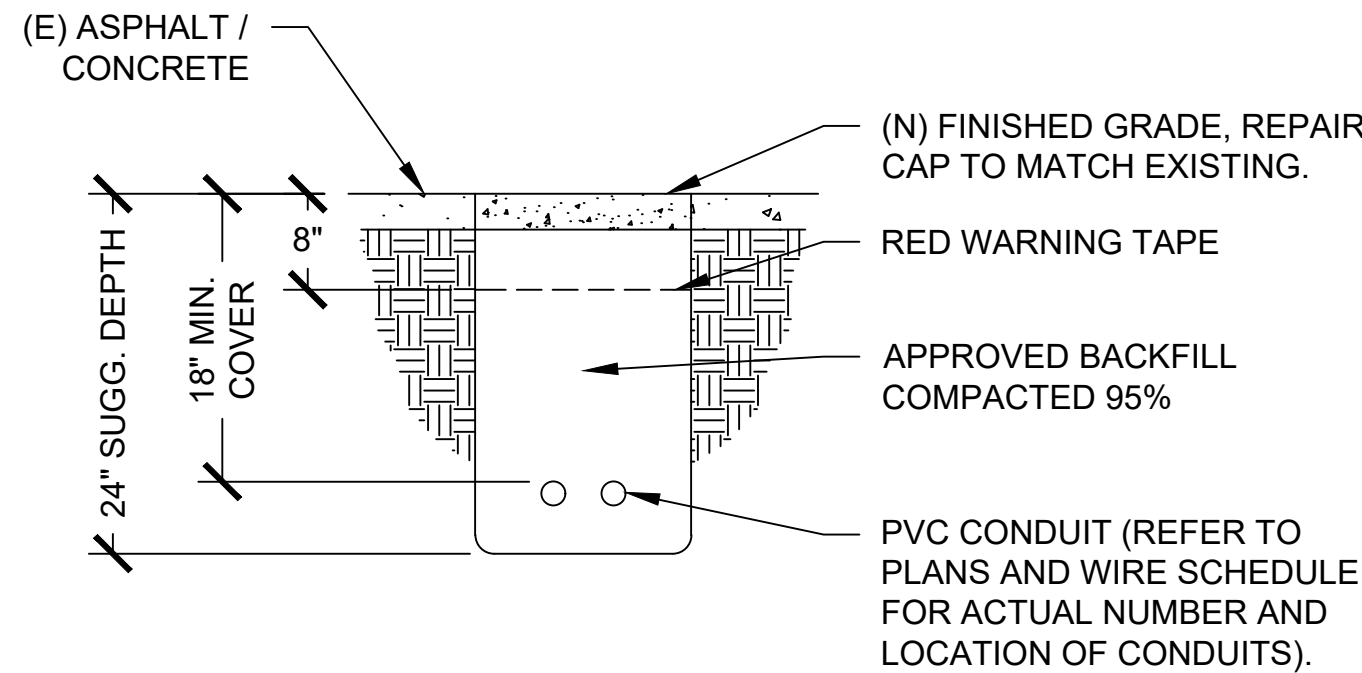
SUNSTOP #338
PREPARED FOR
TESLA

FLORIDA

COLUMBIA COUNTY

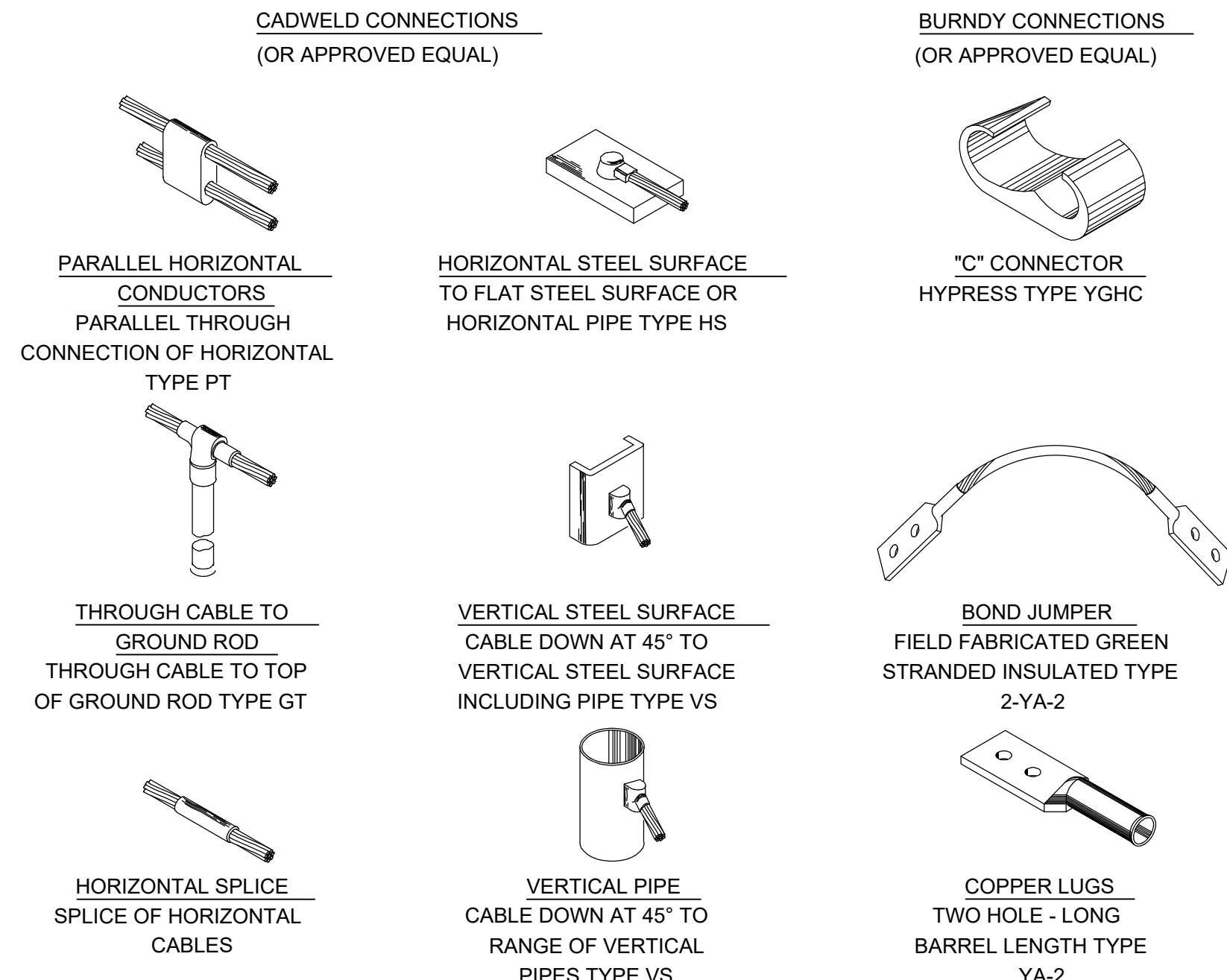
SHEET NUMBER

C-2



WHEELSTOP NOTES:

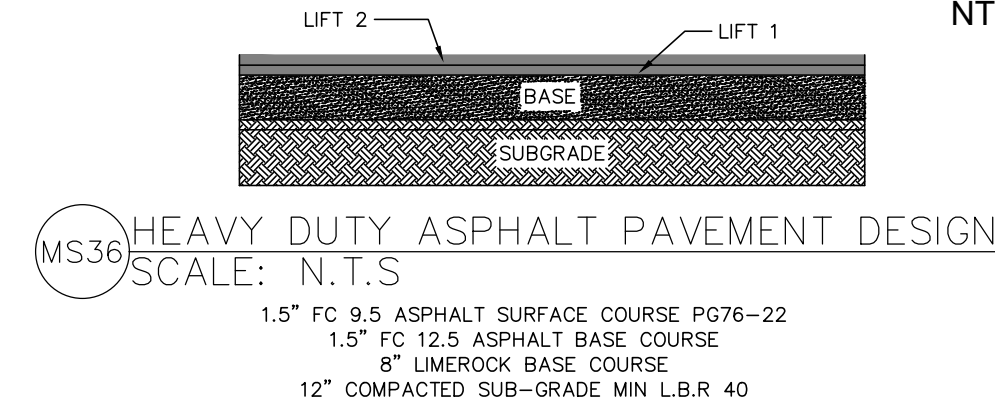
1. MATERIAL: COMPRESSION MOLDED RUBBER COMPOSITE.
2. NOMINAL DIMENSIONS: 72"L X 6"W X 4"H.
3. NOMINAL WEIGHT: 34 LBS.
4. COLOR: BLACK WITH REFLECTIVE WHITE STRIPES.
5. WHEN APPLICABLE IN REFLECTIVE GRASSES, WHEELSTOP SHALL BE ANCHORED TO CONCRETE FLOOR WITH HD1+ 1/4" DROP-IN ANCHORS, 1" EMBEDMENT W/ 1/4" THREADED ROD. CONTRACTOR SHALL X-RAY SLAB TO FIELD VERIFY EXISTING REINFORCEMENT LOCATIONS BEFORE DRILLING. CONTRACTOR SHALL TAKE GREAT CARE TO ENSURE AT LEAST 1" GAP BETWEEN ANCHORS AND EXISTING REINFORCEMENT & STRESSING TENDONS.
6. SEE PLAN VIEW FOR DIMENSION TO SPECIFIED OBSTRUCTION.



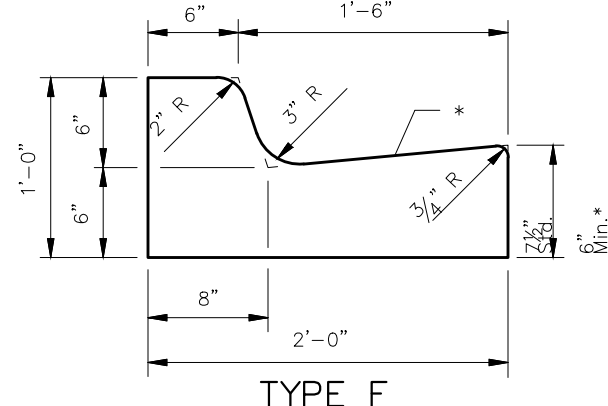
1 TRENCH THROUGH PAVEMENT NON-TRAFFIC
 E511.122 TRENCH - PAVEMENT NON-TRAFFIC DETAIL, RB

2 WHEEL STOP DETAIL

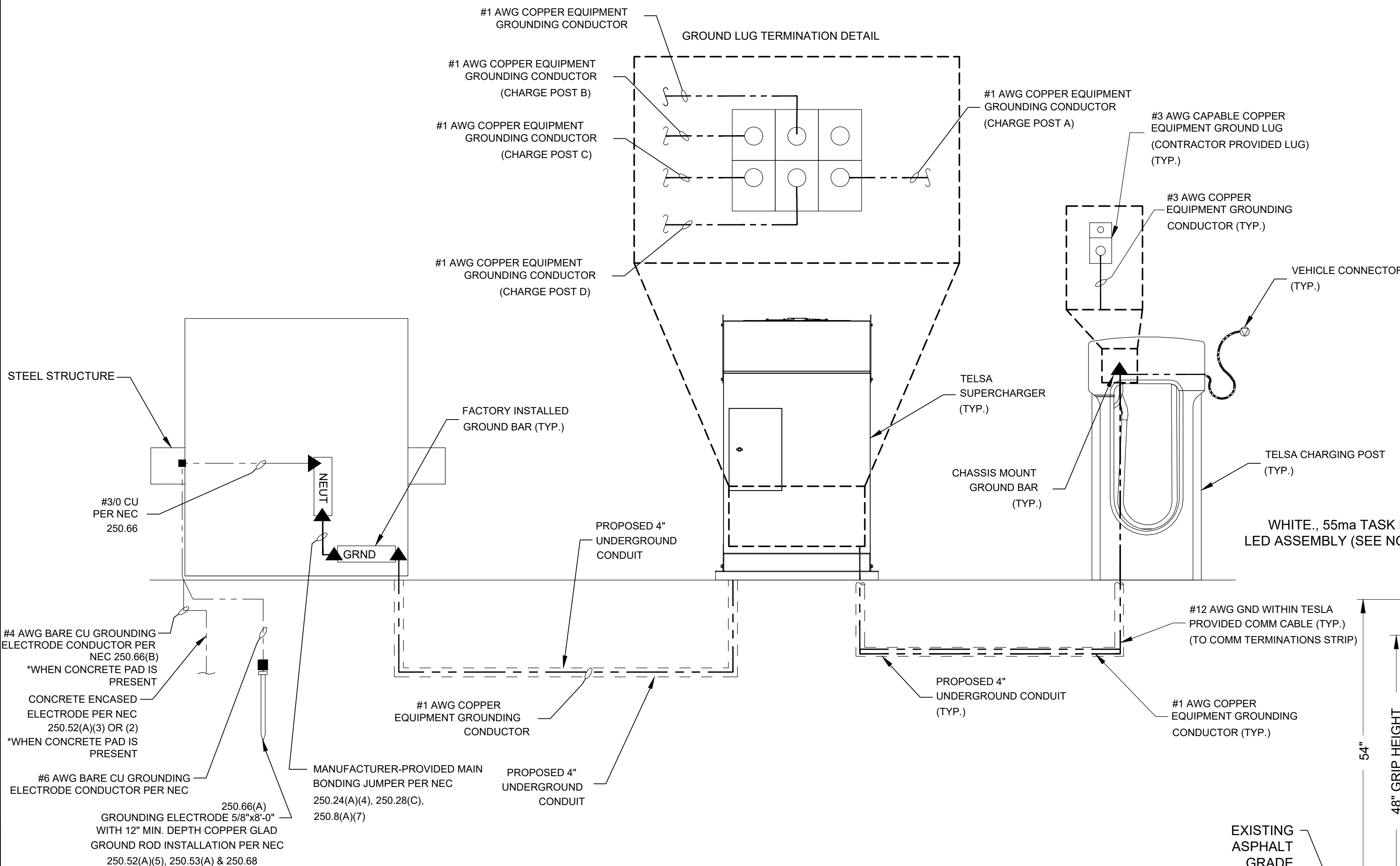
3 CONCRETE ENCASED ELECTRODE DETAIL



5 PAVEMENT DETAIL PER SUNSTOP #338 PLANS



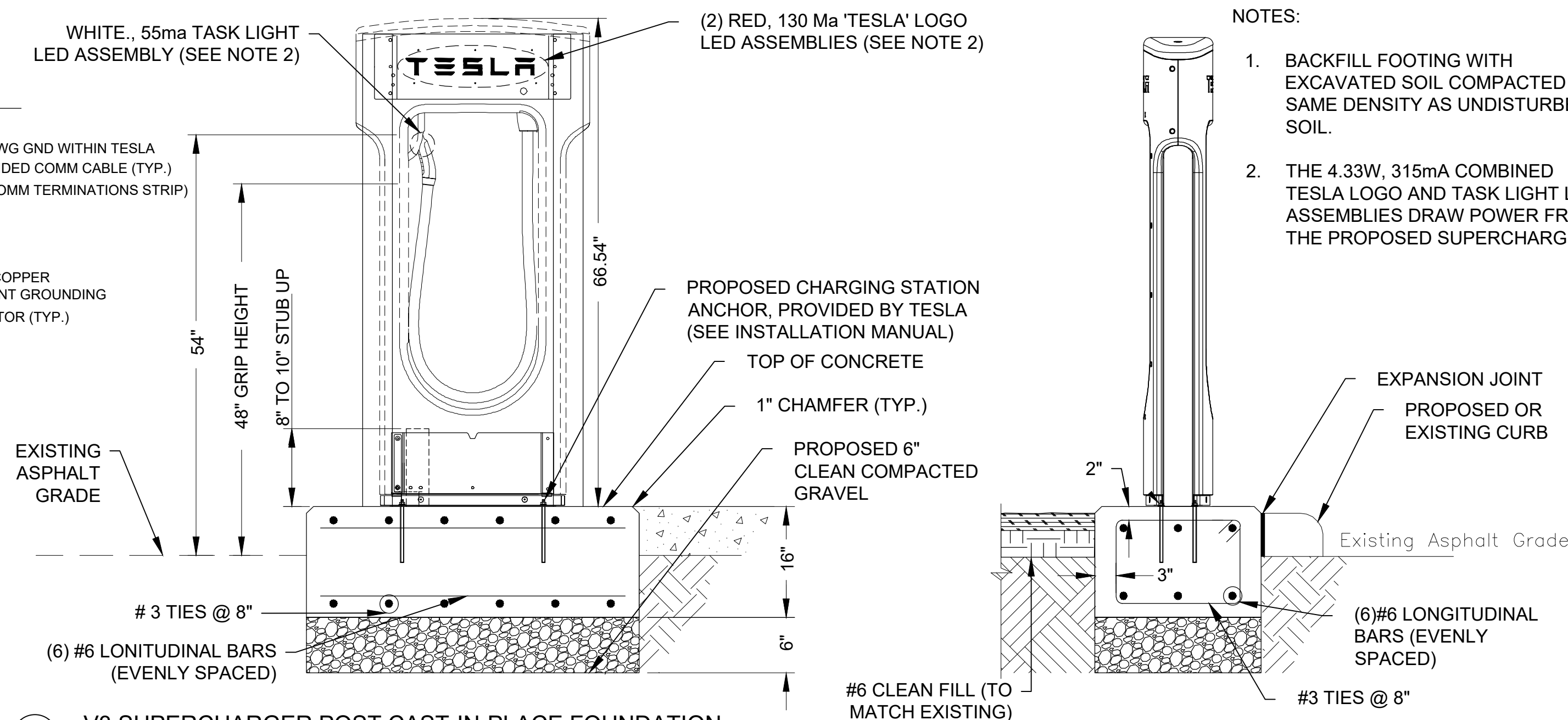
MS03 TYPE F CURB DETAILS
SCALE: N.T.S



6 TYPE F CURB DETAIL PER SUNSTOP #338 PLANS

NOTES:

1. BACKFILL FOOTING WITH EXCAVATED SOIL COMPACTED TO SAME DENSITY AS UNDISTURBED SOIL.
2. THE 4.33W, 315mA COMBINED TESLA LOGO AND TASK LIGHT LED ASSEMBLIES DRAW POWER FROM THE PROPOSED SUPERCHARGER.

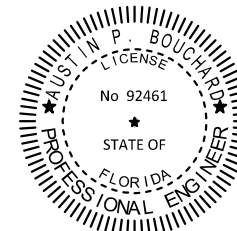


7 V3 SUPERCHARGER POST CAST-IN-PLACE FOUNDATION

4 GROUNDING SCHEMATIC

[illegible]

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CONSTRUCTION DETAILS II

SUNSTOP #338
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COLUMBIA COUNTY

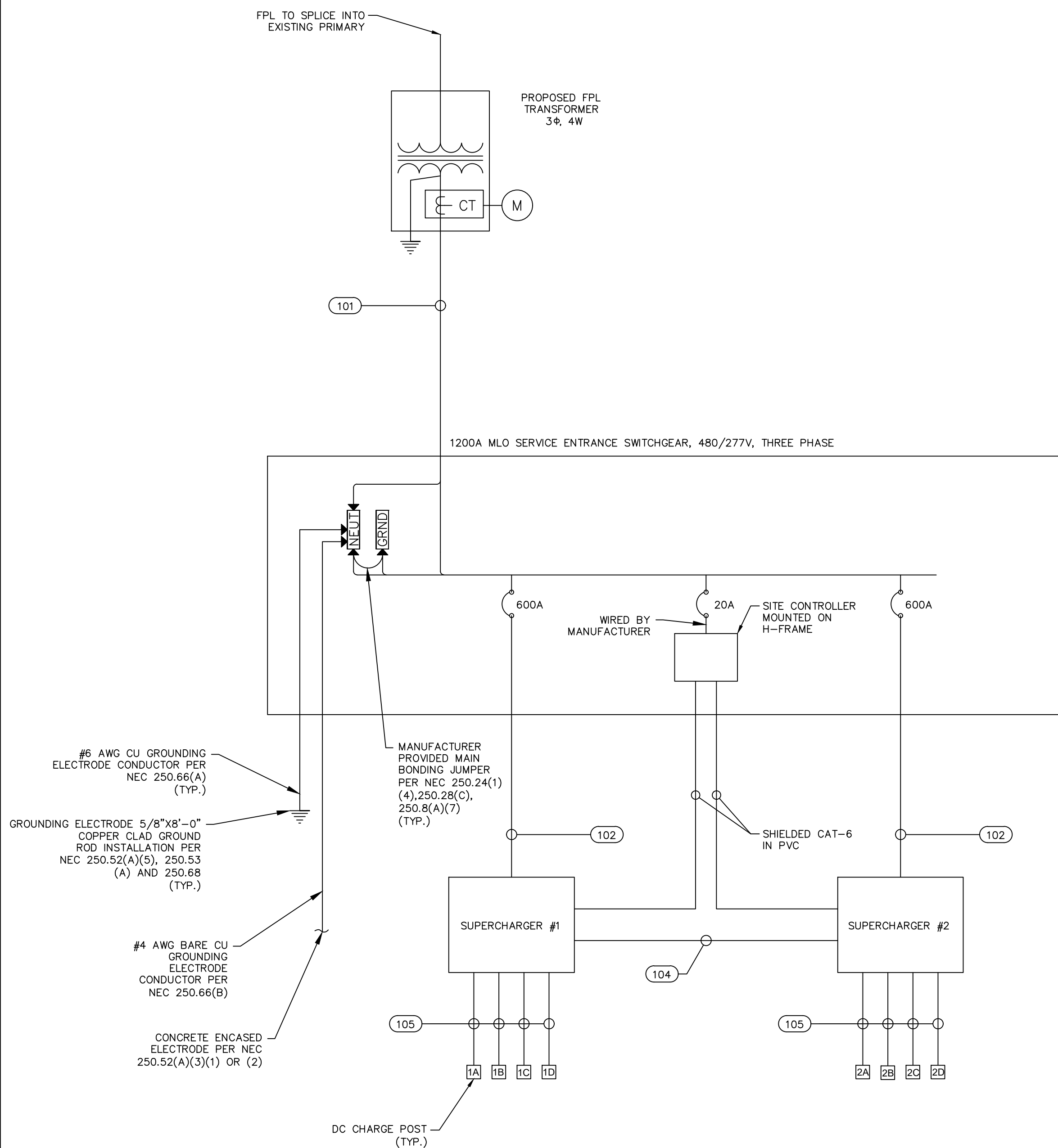
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GENERAL NOTES

1. SUPERCHARGER #1 IS DESIGNATED THE STAR-CENTER CABINET.



CONDUIT/CONDUCTOR SCHEDULE								
PATH NO.	OCP RATING (A)	WIRE MATERIAL	WIRE INSULATION	# OF SETS	WIRE SIZING PER SET	GROUND PER SET	MID GROUND	CONDUIT SIZE
101	N/A	AL	THWN-2	4	(4) 500MCM	-	-	4"
102	600	AL	THWN-2	2	(4) 500MCM	#1 AWG CU OR #2/0 AWG AL	-	4"
104	N/A	AL	XHHW-2 1000V	2	(2) 600MCM	#2/0 AWG CU OR #4/0 AWG AL	#3/0 AWG AL	4"
105	N/A	AL	XHHW-2 1000V	1	(4) 600MCM*	#1/0 AWG CU OR #3/0 AWG AL	-	4"
NOTES:								
*	RUN INCLUDES (2) POSITIVE AND (2) NEGATIVE DC CABLES. COMM WIRE TO BE RAN WITH CONDUCTORS. WIRE FURNISHED BY TESLA.							

New Panel: SB-1 Volts: 480/277V Phase: 3 Wire: 4 Hertz: 60						
MLO: 1200A Branch AIC: 65k ENCL. (NEMA): 3R						
Description of Load Served	Breaker		VA/Phase			CKT No.
	Pole	Amp	A	B	C	
SUPERCHARGER 1	3	600	129000	129000	129000	1
SUPERCHARGER 2	3	600	129000	129000	129000	2
SITE CONTROLLER	1	20	100	-	-	3
SPACE	-	-	-	-	-	4
SPACE	-	-	-	-	-	5
SPACE	-	-	-	-	-	6
Total kVA/Phase			258	258	258	
Total A/Phase			931.8	931.4	931.4	
Connected Amps			931.5			
Connected Power			774.1			
Demand Power			967.6			

Notes:

PROPOSED SECONDARY SERVICE LENGTH			PROPOSED CONDUIT TO SUPERCHARGER LENGTH			PROPOSED CONDUIT TO DC POST LENGTHS			
	LINEAR LENGTH	*TOTAL ESTIMATED LENGTH	SWITCHGEAR TO SUPERCHARGER #	LINEAR LENGTH	*TOTAL ESTIMATED LENGTH	SUPERCHARGER	CHARGE POST	LINEAR LENGTH	*TOTAL ESTIMATED LENGTH
TRANSFORMER TO SWITCHGEAR	5'	30'	SUPERCHARGER #1	5'	30'	1	1A	90'	115'
							1B	80'	105'
**TOTAL ESTIMATED LENGTH OF WIRE		480'	SUPERCHARGER #2	10'	35'		1C	70'	95'
NOTES:			**TOTAL ESTIMATED LENGTH OF AC WIRE		520'		1D	55'	80'
*	* 25 FEET IS ADDED TO HORIZONTAL RUN LENGTH TO ACCOUNT FOR BURIED DEPTH AND CONNECTIONS.					2	2A	45'	70'
			***TOTAL ESTIMATED LENGTH OF GROUND WIRE		130'		2B	35'	60'
					2C		25'	50'	
					2D		45'	70'	
**	** ESTIMATED WIRE LENGTH INCLUDES (4) WIRE IN EACH OF (4) CONDUIT PER RUN.					**TOTAL ESTIMATED LENGTH OF AC WIRE			2580'
			*	25 FEET IS ADDED TO HORIZONTAL RUN LENGTH TO ACCOUNT FOR BURIED DEPTH AND CONNECTIONS.	***TOTAL ESTIMATED LENGTH OF GROUND WIRE			645'	
			**	ESTIMATED WIRE LENGTH INCLUDES THE SUM OF ALL RUNS WITH (4) WIRE IN EACH OF (2) CONDUIT PER RUN.	NOTES:				
			***	ESTIMATED WIRE LENGTH INCLUDES THE SUM OF ALL RUNS WITH (1) WIRE IN EACH OF (2) CONDUIT PER RUN.	*	25 FEET IS ADDED TO HORIZONTAL RUN LENGTH TO ACCOUNT FOR BURIED DEPTH AND CONNECTIONS.			
						**	ESTIMATED WIRE LENGTH INCLUDES THE SUM OF ALL RUNS WITH (4) WIRE IN EACH OF (1) CONDUIT PER RUN.		
						***	ESTIMATED WIRE LENGTH INCLUDES SUM OF ALL RUNS WITH (1) WIRE IN EACH OF (1) CONDUIT PER RUN.		

BREAKER TRIP SETTINGS	
600A SUPERCHARGER BREAKER: (EATON CAT. #PDG33M0600TFAN)	
<ul style="list-style-type: none"> - THERMAL: FIXED - INST. = 5 	

UTILITY S.O.W. RESPONSIBILITIES		
SCOPE OF WORK	BY UTILITY	BY CONTRACTOR
INSTALL PRIMARY CONDUIT WITH PULL- STRING		X
INSTALL PRIMARY CONDUCTORS	X	
PROVIDE & INSTALL UTILITY TRANSFORMER	X	
PROVIDE & INSTALL TRANSFORMER PAD AND GROUNDING		X
PROVIDE & INSTALL SECONDARY CONDUIT AND CONDUCTORS TO SWITCHGEAR		X
PROVIDE & INSTALL METER SOCKET		X
TERMINATE SECONDARY CONDUCTORS IN SWITCHGEAR		X
PROVIDE & INSTALL METER IN METER SOCKET	X	

SYSTEM PLACARDS

TESLA SUPERCHARGER
XXXX STREET NAME
1-877-798-3752

ATTACH ON FRONT OF SWITCHBOARD

TESLA EV SYSTEM
DISCONNECT

ATTACH ON SWITCHBOARD MAIN
DISCONNECT

PLACARD NOTES:

PLACARDS TO BE MADE OF RED PHENOLIC PLASTIC W/ 1" WHITE LETTERING. ATTACH PLACARDS WITH RIVETS OR SELF-TAPPING SCREWS

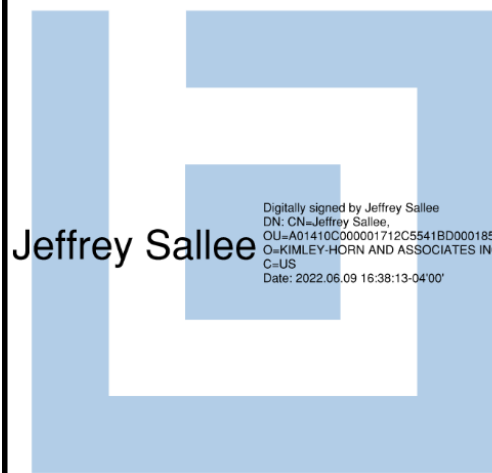
ADDITIONAL PLACARDS REQUIRED FOR ARC FLASH LABELS

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PALO ALTO, CA 94304
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Jeffrey Sallee

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ELECTRICAL ONE LINE

SUNSTOP #338
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COLUMBIA COUNTY

SHEET NUMBER

E-1