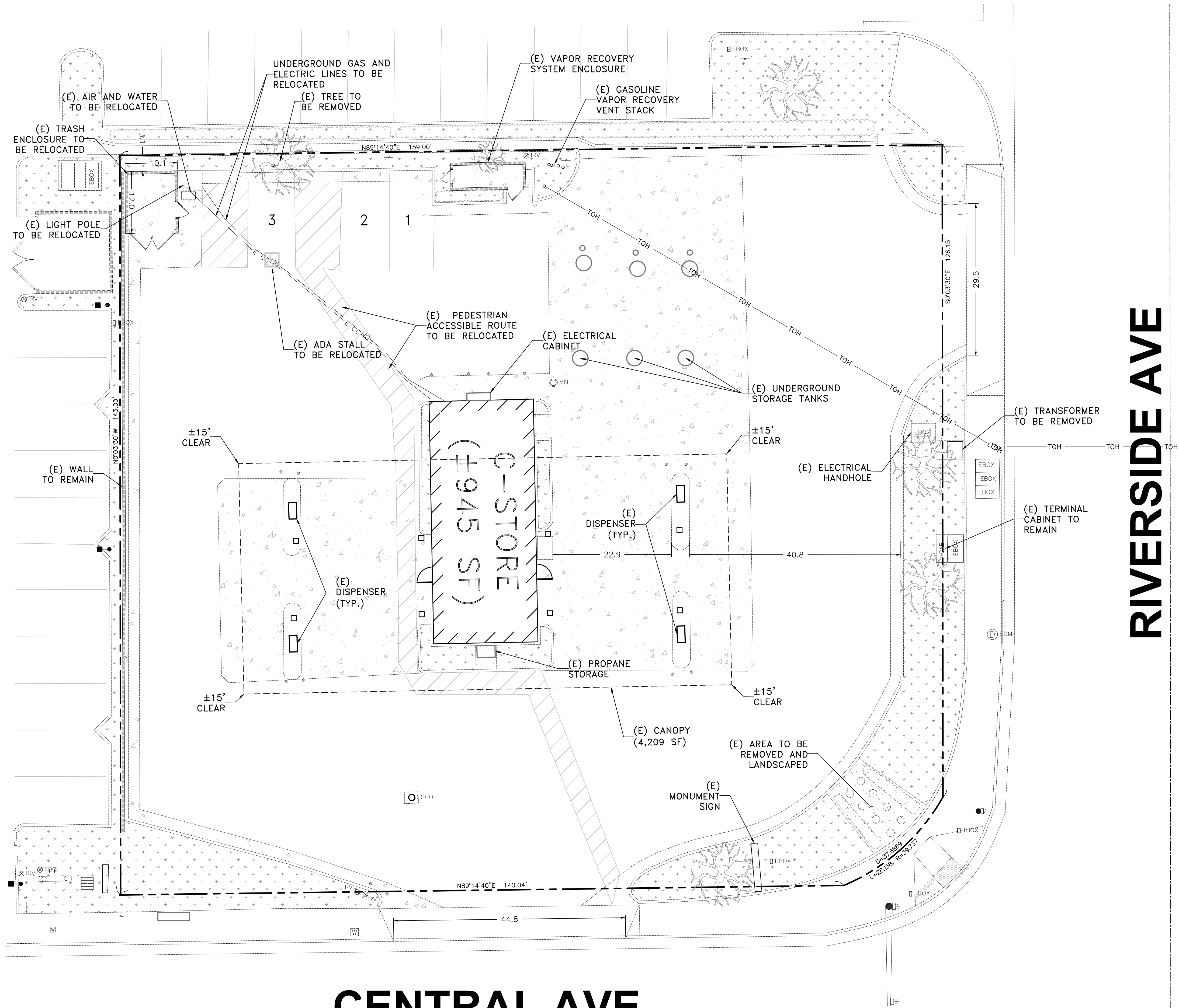
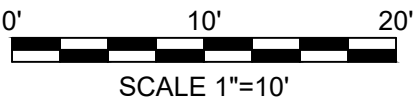




RIVERSIDE AVE

CENTRAL AVE

PR-2021-001055, Exhibit 8 - Project Plans

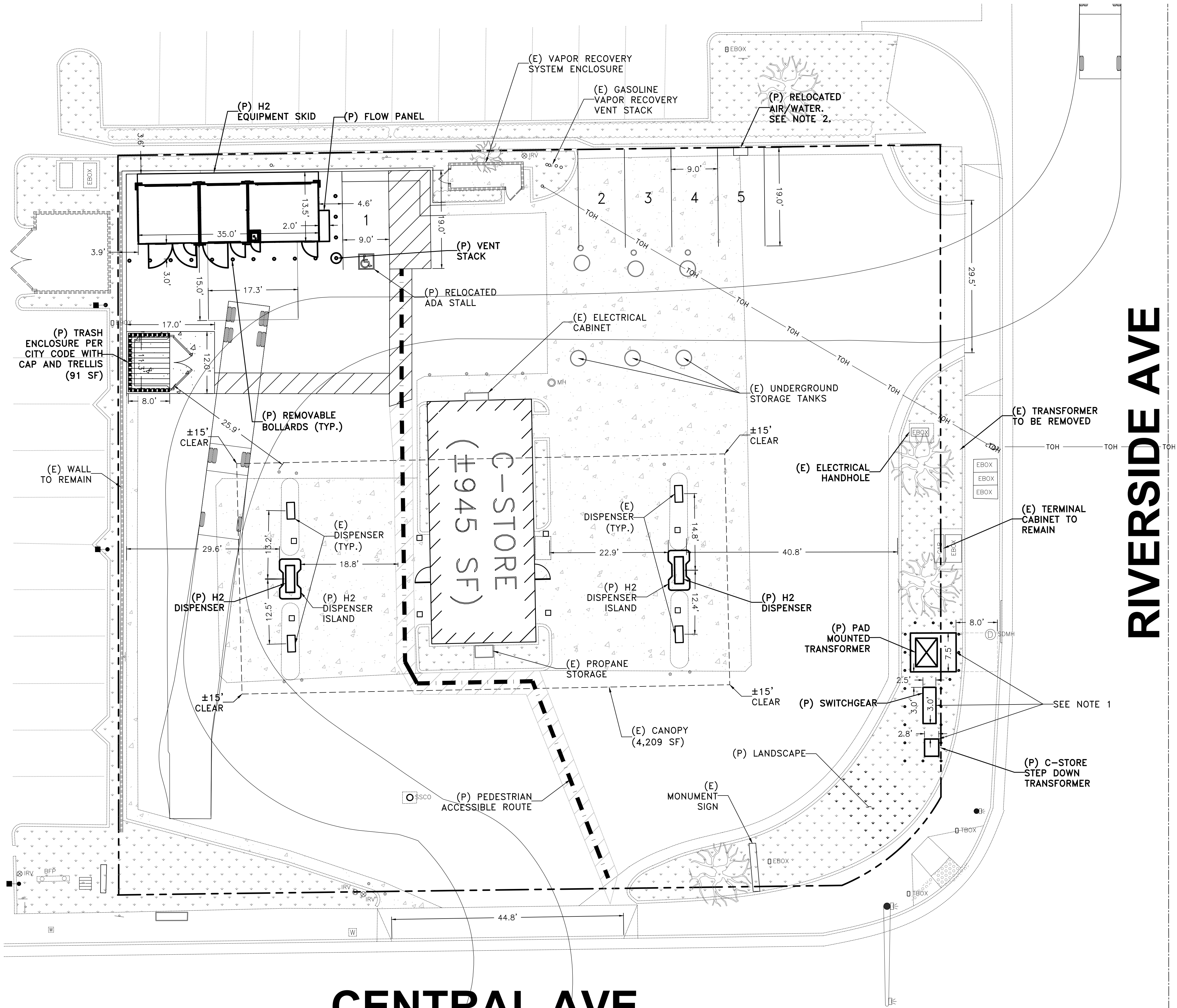


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NO.	DESCRIPTION

FEF - RIVERSIDE
3505 CENTRAL AVE
RIVERSIDE, CA 92506

ON-SITE IMPROVEMENT PLANS
EXISTING SITE PLAN

DRAWN BY:	LR
CHECKED BY:	DZ
DATE:	7-27-2021
SHEET NUMBER	C2.0



PROJECT INFORMATION

ZONING INFORMATION
APN: 225-150-027
JURISDICTION: CITY OF RIVERSIDE
ZONING: CR-SP - COMMERCIAL RETAIL -
SPECIFIC PLAN (MAGNOLIA AVENUE) OVERLAY ZONES

SITE AREA
LOT AREA 22,651 (0.520 AC)

BUILDING DATA
EXISTING C-STORE 945 SF
PROPOSED BUILDING AREA (NO CHANGE) 945 SF

BLDG SETBACKS
REQUIRED: FRONT 0' INTERIOR/SIDE 0' REAR 0'
EXISTING: 48' 60' 48'

PARKING SUMMARY

EXISTING PARKING SUMMARY
EXISTING STANDARD PARKING PROVIDED 2 STALLS
EXISTING ADA PARKING PROVIDED 1 STALLS
TOTAL EXISTING PARKING PROVIDED 3 STALLS

PARKING REQUIRED PER CITY CODE
RETAIL (@ 1 / 250 SF) 4 STALLS

PROPOSED PARKING SUMMARY
PROPOSED STANDARD PARKING PROVIDED 4 STALLS
PROPOSED ADA PARKING PROVIDED 1 STALLS
TOTAL EXISTING PARKING PROVIDED 5 STALLS

BICYCLE PARKING
BICYCLE PARKING REQUIRED 0 STALLS
BICYCLE PARKING PROVIDED 0 STALLS

NOTE:
EXISTING BUILDING, EXISTING SERVICE STATION AND OVERALL
SITE TO REMAIN AS IS.

NEW WORK IS LIMITED TO PROPOSED PROJECT AREA FOR
A. HYDROGEN EQUIPMENT OUTDOOR STORAGE SKID
B. HYDROGEN FUELING DISPENSERS

HYDROGEN DISPENSER NOTE:
HYDROGEN DISPENSERS ARE ADA COMPLIANT WITH HOSES,
CONTROLS & CARD READERS NO MORE THAN 48" MAX HEIGHT
WITH A 30" X 48" CLEAR SPACE.

PROPOSED LAND DISTURBANCE AREA			
TYPE	L	W	AREA (SF)
EQUIPMENT	35'	13.5'	473
TRANSFORMER	7.8'	6'	47
SWITCHGEAR	7'	2.5'	18
STEP DOWN	3.3'	2.7'	9
(2) DISPENSERS	5.2'	1.7'	18
TRASH ENC. PAD	17'	12'	204
769 SF TOTAL			

NOTES:
1. ALL UTILITY EQUIPMENT TO BE PAINTED GREEN TO MATCH
SURROUNDING LANDSCAPE.
2. AIR/WATER EQUIPMENT LOCATION TO MEET 75' LH2 SETBACK
REQUIREMENT PER CFC.

LANDSCAPE AREA
EXISTING LANDSCAPE AREA = 2,172 SF
EX. LANDSCAPE AREA / TOTAL LOT AREA = 2,172 / 22,651 = 0.10 (10%)
PROPOSED LANDSCAPE AREA = 2,101 SF
PR. LANDSCAPE AREA / TOTAL LOT AREA = 2,101 / 22,651 = 0.09 (9%)
REMOVED LANDSCAPE AREA = 71 SF

PERVIOUS / IMPERVIOUS AREA
a. TOTAL DISTURBANCE AREA = 769 SF
b. EXISTING IMPERVIOUS AREA = 20,479 SF
c. PROPOSED IMPERVIOUS AREA = 71 SF
d. TOTAL IMPERVIOUS AREA = 20,550 SF
e. IMPERVIOUS % INCREASE = 0.3%

CANOPY NOTES:
1. CANOPY IS OF NONCOMBUSTIBLE MATERIALS PER CFC 406.7.2

RIVERSIDE AVE

CENTRAL AVE

PR-2021-001055, Exhibit 8 - Project Plans



0' 10' 20'
SCALE 1"=10'

LARS ANDERSEN & ASSOCIATES, INC.
CIVIL ENGINEERS - LAND SURVEYORS - PLANNERS
4684 WEST JACQUELYN AVENUE - FRESNO, CALIFORNIA 93722
TEL: 559 276-2790 FAX: 559 276-6860 WWW.LARSANDERSEN.COM



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FEF - RIVERSIDE

3505 CENTRAL AVE
RIVERSIDE, CA 92506

ON-SITE IMPROVEMENT PLANS

PROPOSED SITE PLAN

DRAWN BY: LR
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PHOTO 1: VIEW OF THE EXISTING SERVICE STATION LOOKING WEST FROM RIVERSIDE AVE.



PHOTO 2: VIEW OF THE EXISTING SERVICE STATION LOOKING NORTH FROM CENTRAL AVE.

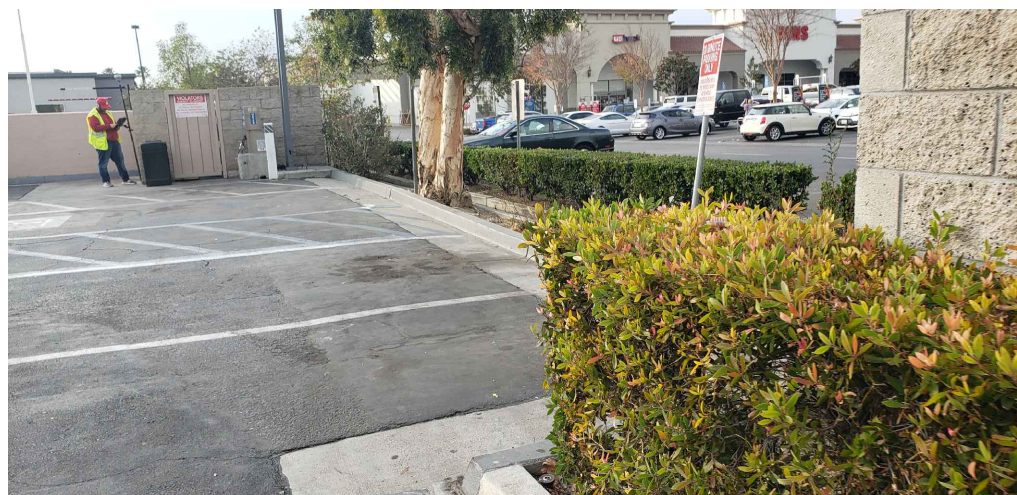


PHOTO 3: PROPOSED EQUIPMENT LOCATION ALONG NORTH PROPERTY LINE.



PHOTO 4: PROPOSED DISPENSER LOCATIONS UNDER CANOPY ON CENTER POSITIONS.

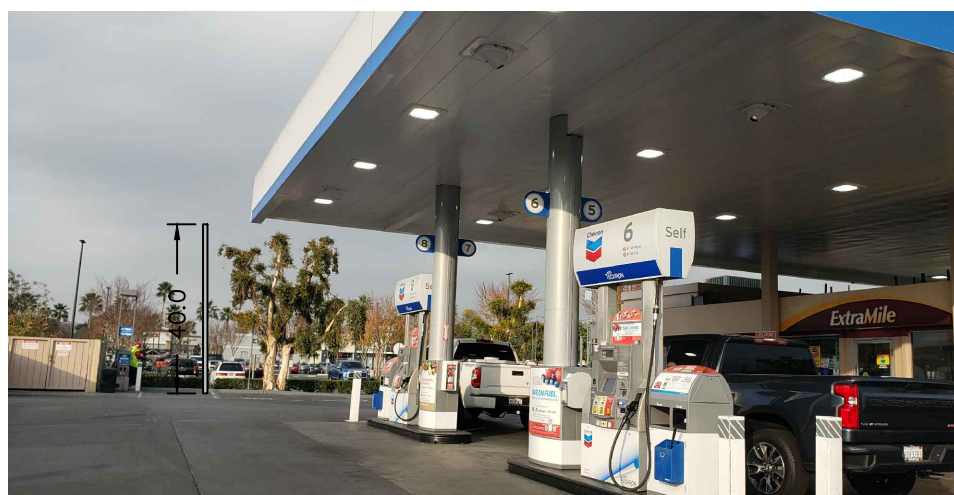
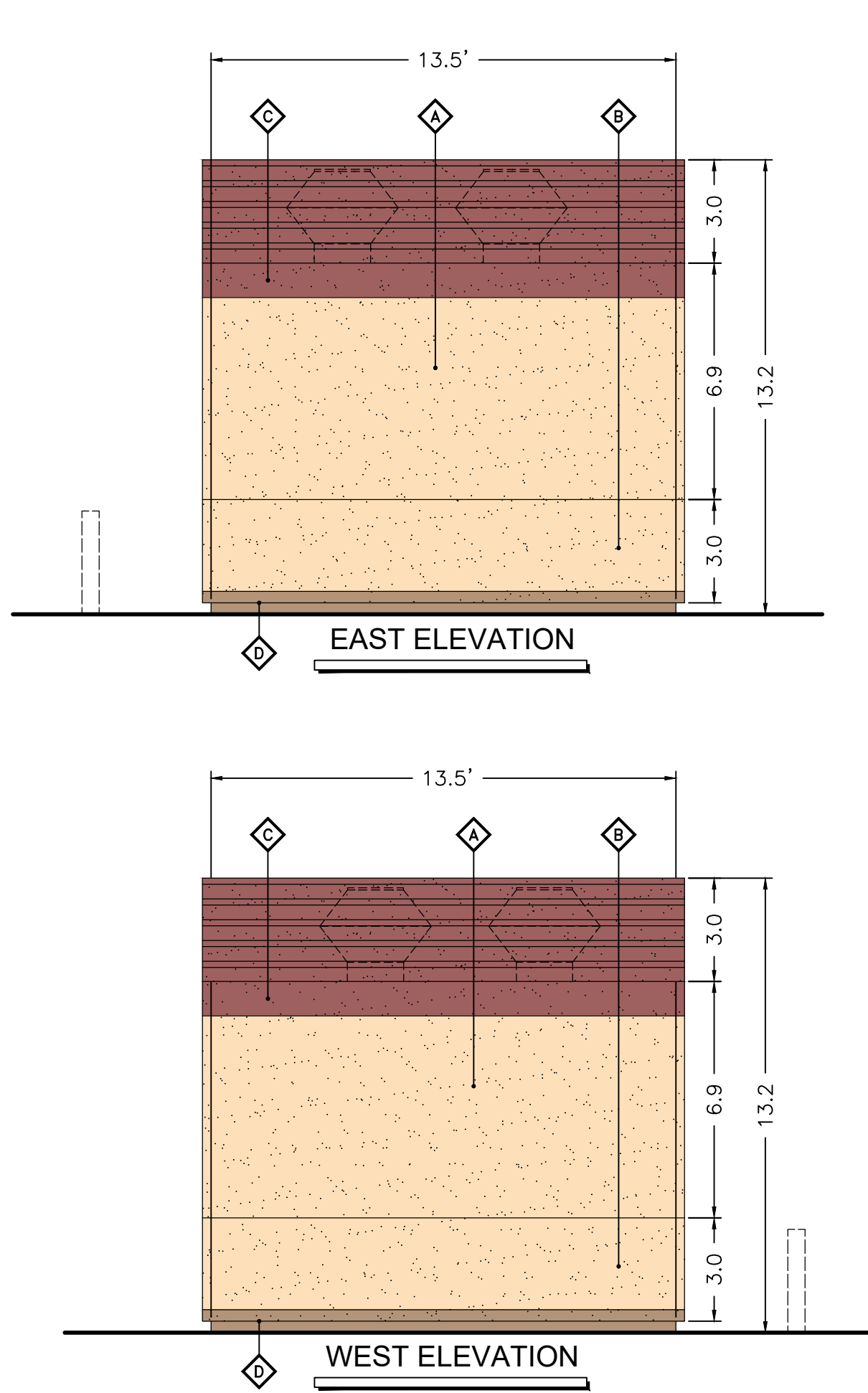
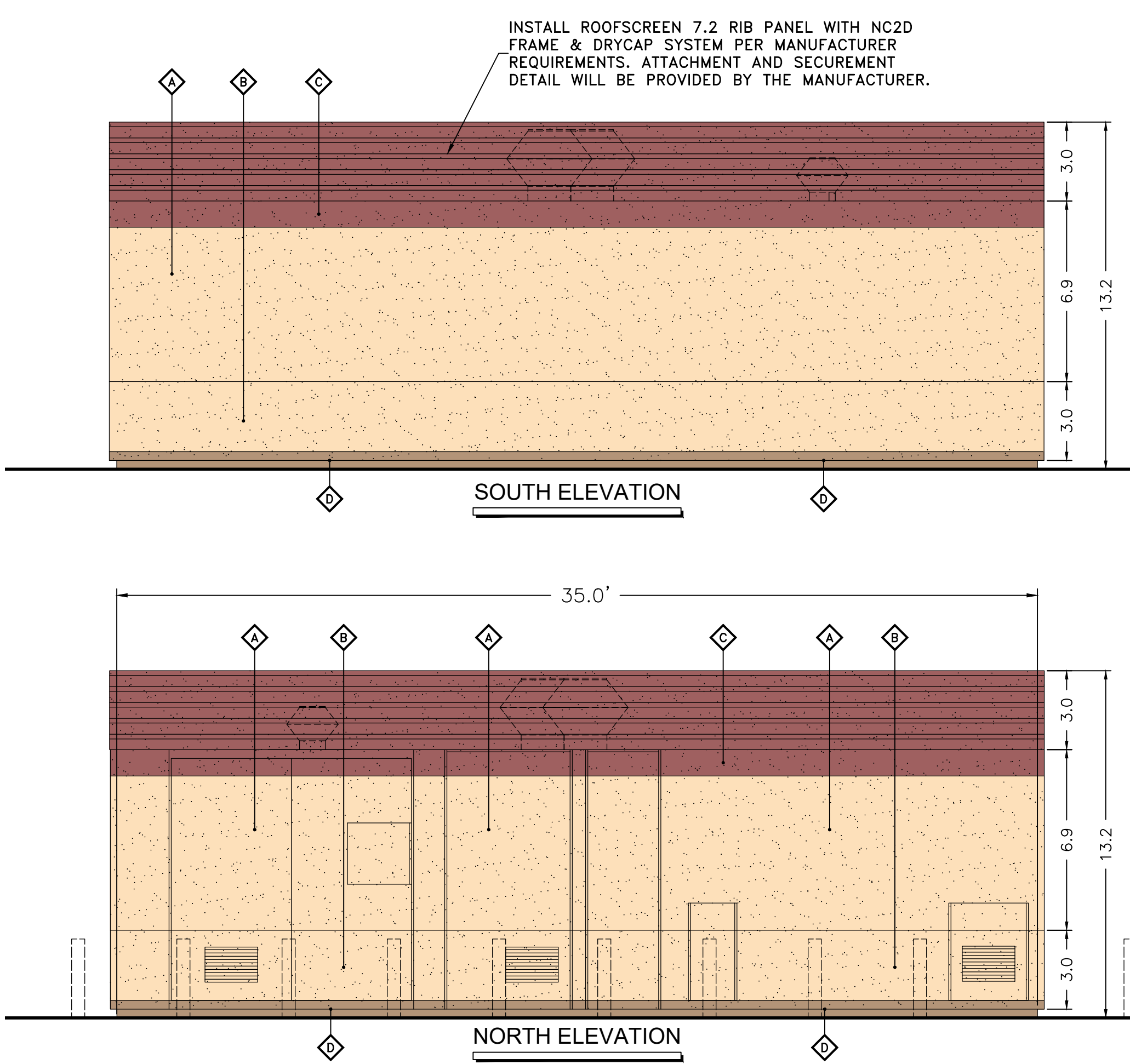
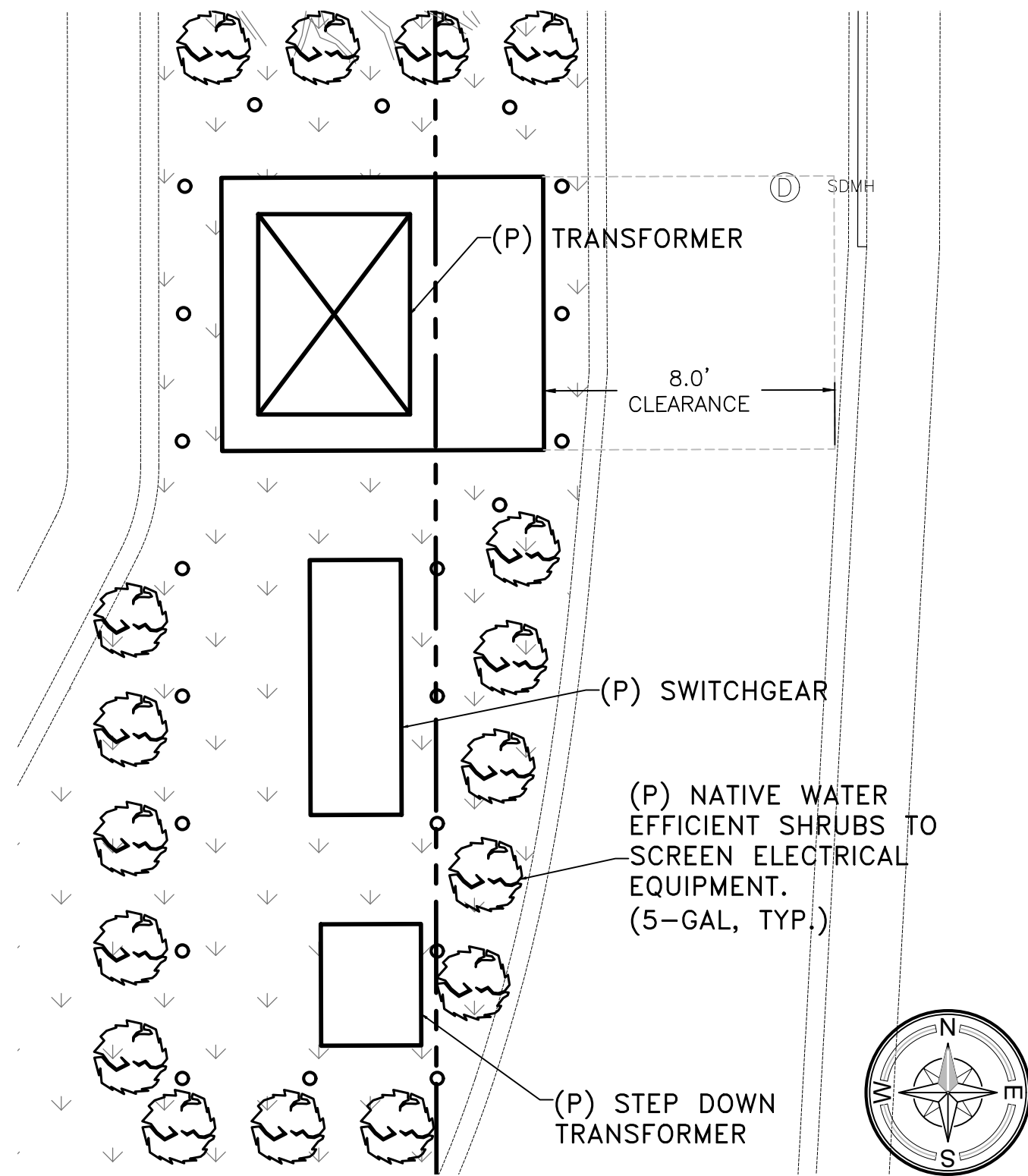
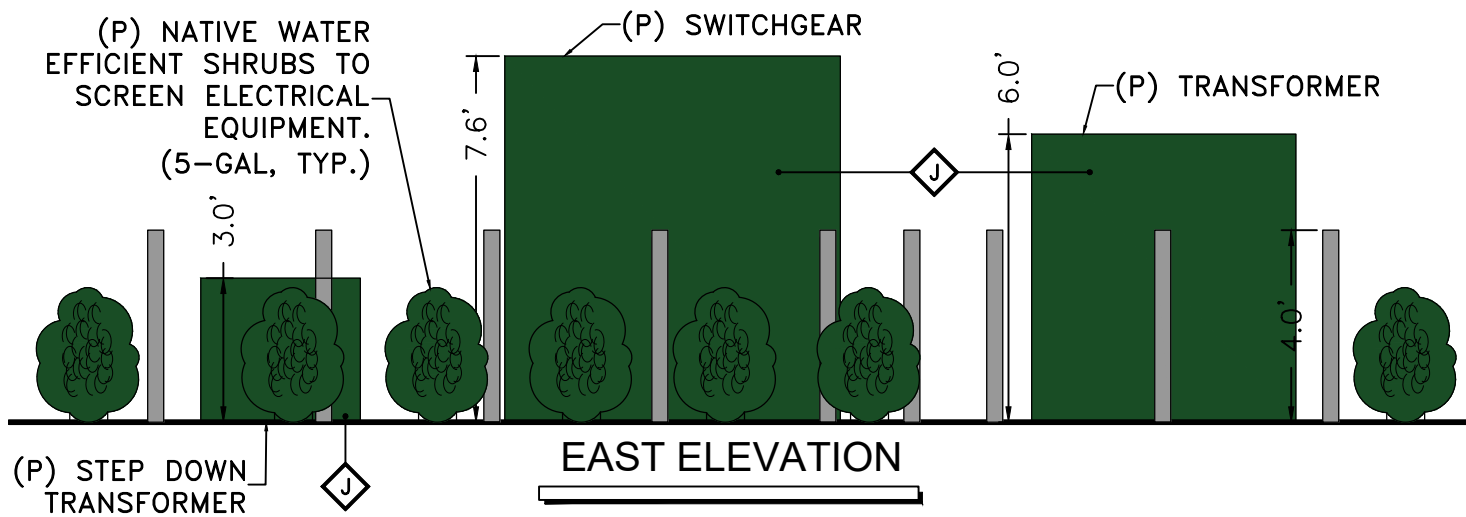


PHOTO 5: PROPOSED VENT STACK LOCATION ON CENTER POSITIONS.

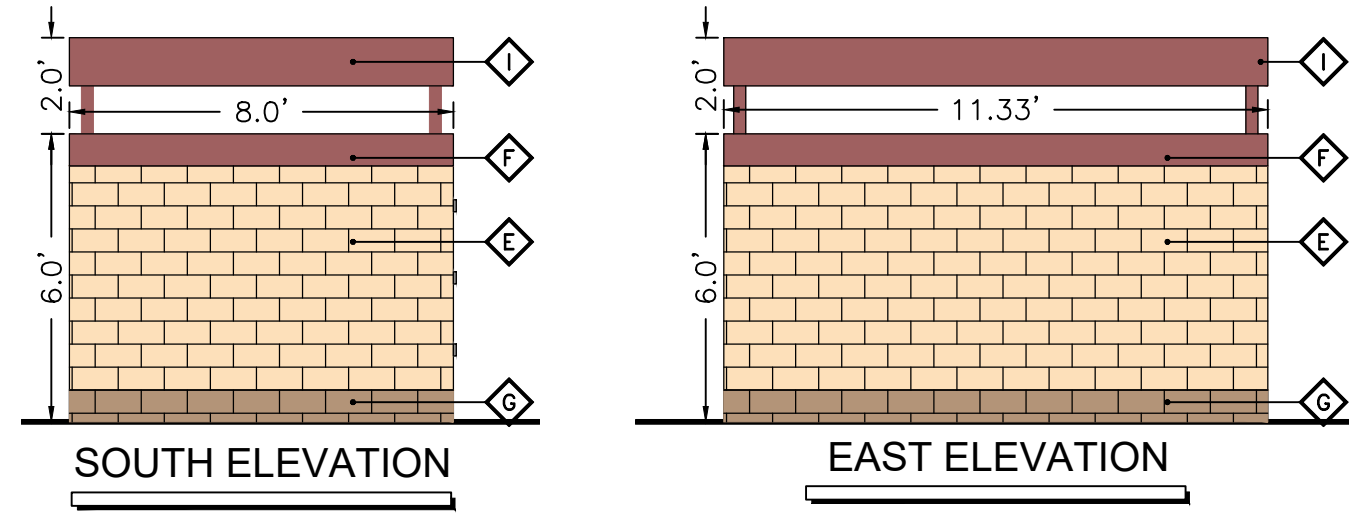
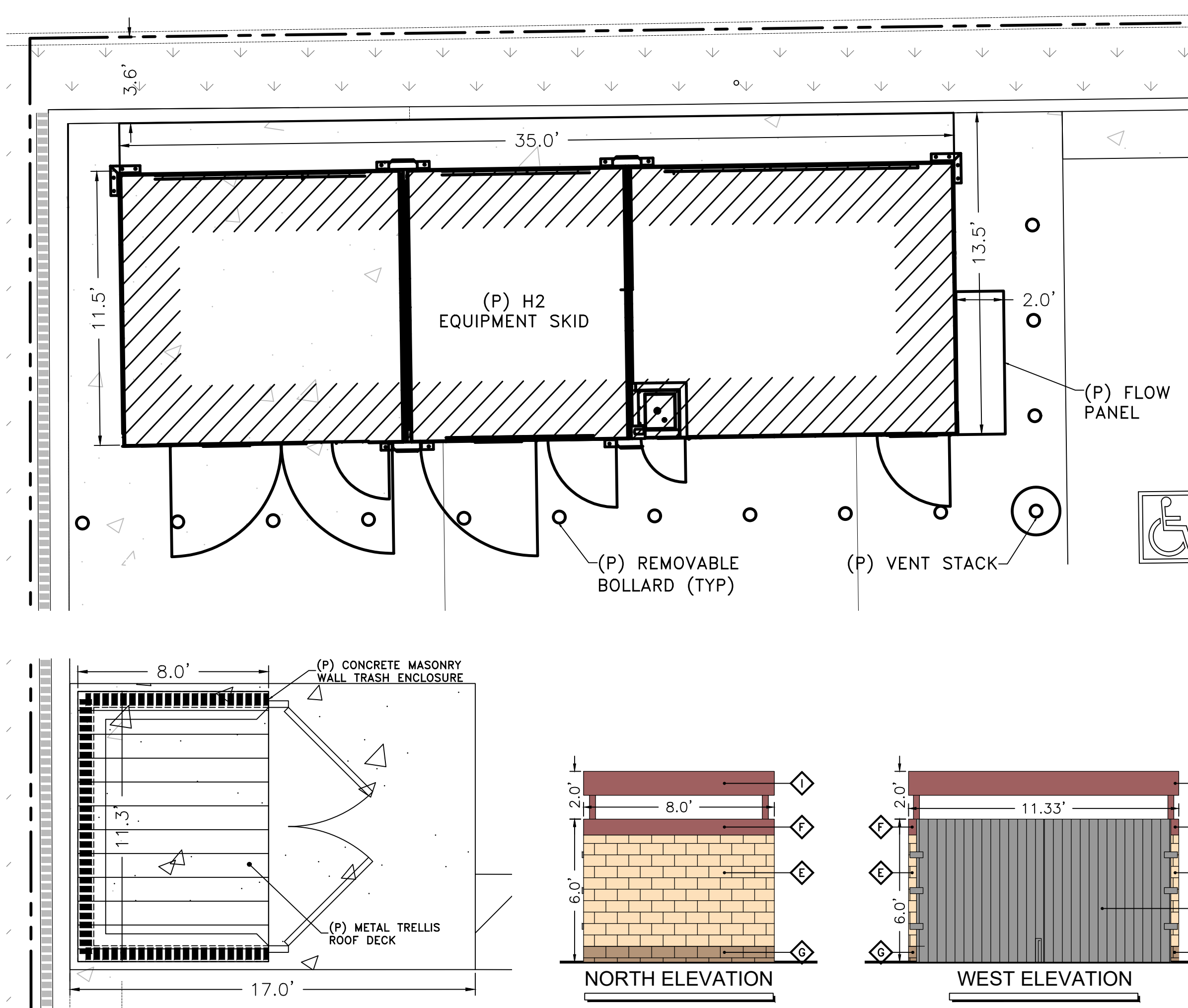


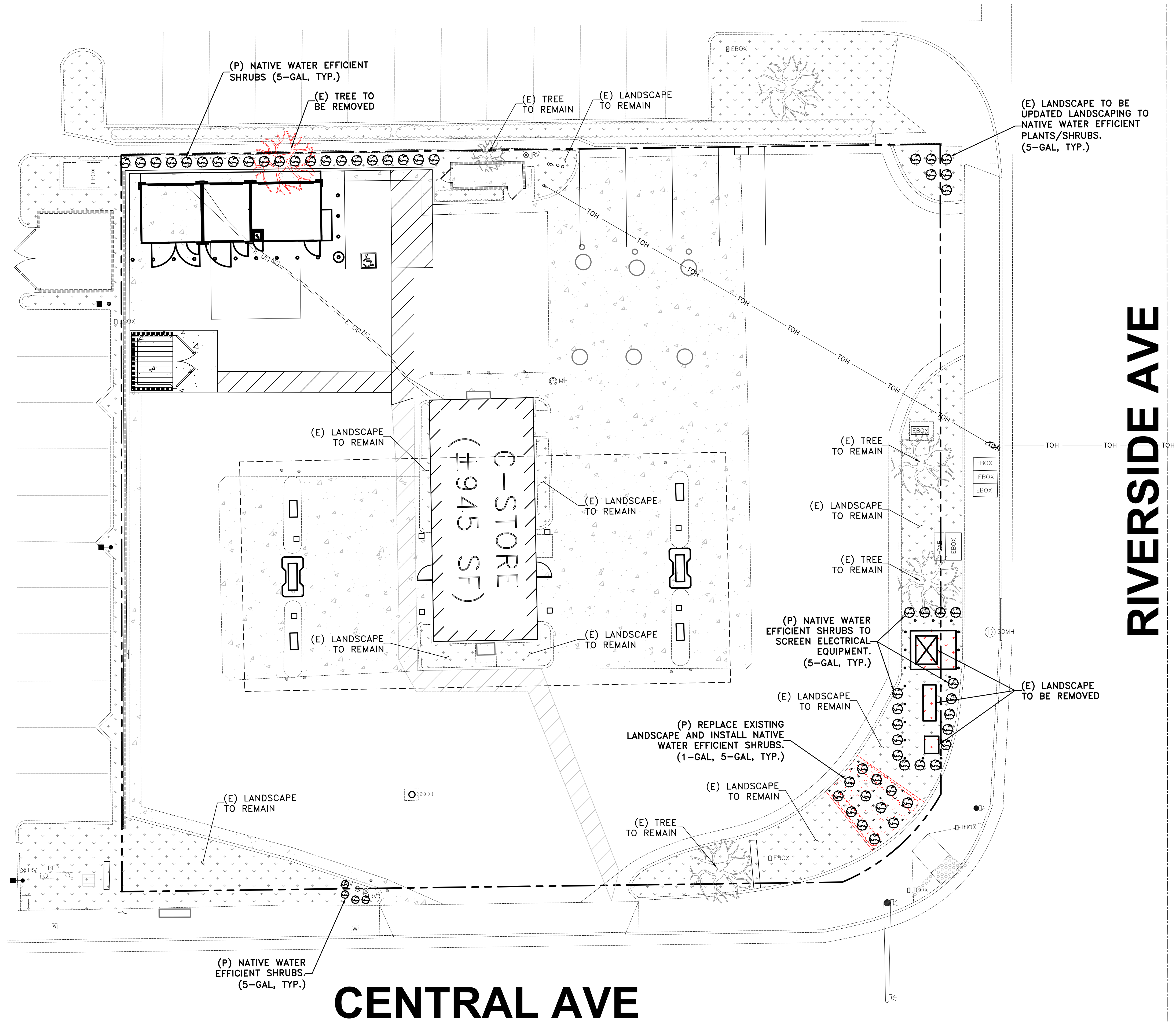
FINISH SCHEDULE	
A	PAINT SHERWIN WILLIAMS SW7551 "BUNGALOW BEIGE" WITH A STIPPLE/TEXTURED FINISH. FIELD VERIFY TO MATCH COLOR OF STUCCO WALL OF ADJACENT BUILDING.
B	EXPOSED METAL DOOR, LOUVER & FRAME TO BE PAINTED SHERWIN WILLIAMS SW7551 "BUNGALOW BEIGE" TO MATCH MATERIAL A. FIELD VERIFY TO MATCH COLOR OF STUCCO WALL OF ADJACENT BUILDING
C	PAINT SHERWIN WILLIAMS SW6300 "BURGANDY" WITH A STIPPLE/TEXTURED FINISH. FIELD VERIFY TO MATCH COLOR OF STUCCO WALL OF ADJACENT BUILDING
D	PAINT SHERWIN WILLIAMS SW6067 "MOCHA" WITH A STIPPLE/TEXTURED FINISH. FIELD VERIFY TO MATCH COLOR OF STUCCO WALL OF ADJACENT BUILDING
E	DECORATIVE CONCRETE MASONRY. PAINT SHERWIN WILLIAMS SW7551 "BUNGALOW BEIGE" WITH A STIPPLE/TEXTURED FINISH. FIELD VERIFY TO MATCH COLOR OF STUCCO WALL OF ADJACENT BUILDING
F	DECORATIVE CONCRETE CAP. PAINT SHERWIN WILLIAMS SW6300 "BURGANDY" WITH A STIPPLE/TEXTURED FINISH. FIELD VERIFY TO MATCH COLOR OF STUCCO WALL OF ADJACENT BUILDING.
G	DECORATIVE CONCRETE MASONRY. PAINT SHERWIN WILLIAMS SW6067 "MOCHA" WITH A STIPPLE/TEXTURED FINISH. FIELD VERIFY TO MATCH COLOR OF STUCCO WALL OF ADJACENT BUILDING.
H	16 GA. RIBBED METAL GATES WITH 2" X 2" X 1/4" STEEL ANGLE IRON FRAME AND DIAGONAL BRACING.
I	METAL TRELLIS ROOF DECK. PAINT SHERWIN WILLIAMS SW6300 "BURGANDY" WITH A STIPPLE/TEXTURED FINISH. FIELD VERIFY TO MATCH COLOR OF STUCCO WALL OF ADJACENT BUILDING.
J	ELECTRICAL EQUIPMENT TO BE PAINTED GREEN TO MATCH EXISTING LANDSCAPING.



HYDROGEN DISPENSER DESIGN
PR-2021-001055, Exhibit 8 - Project Plans

N.T.S. 17





CENTRAL AVE

RIVERSIDE AVE

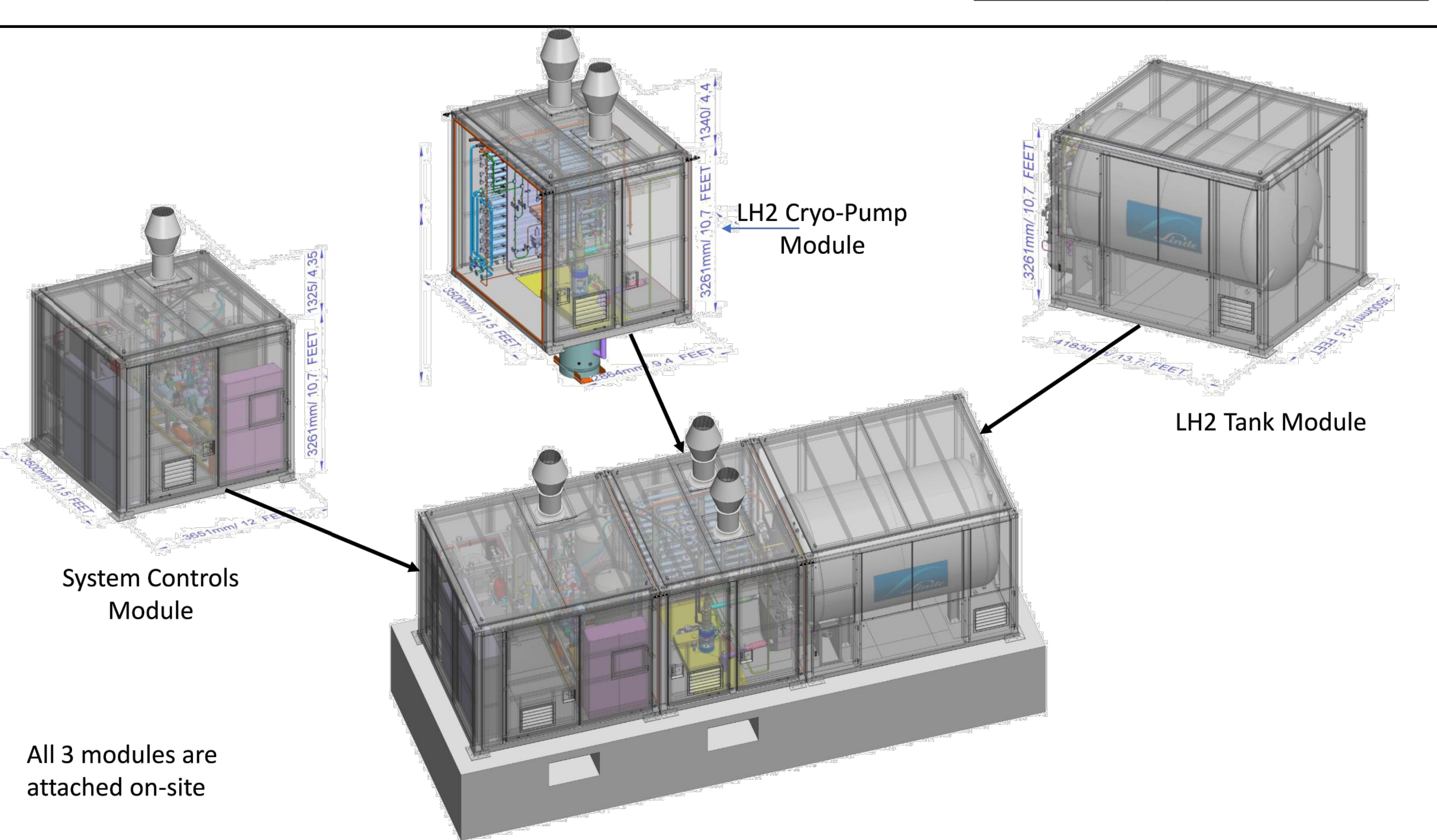
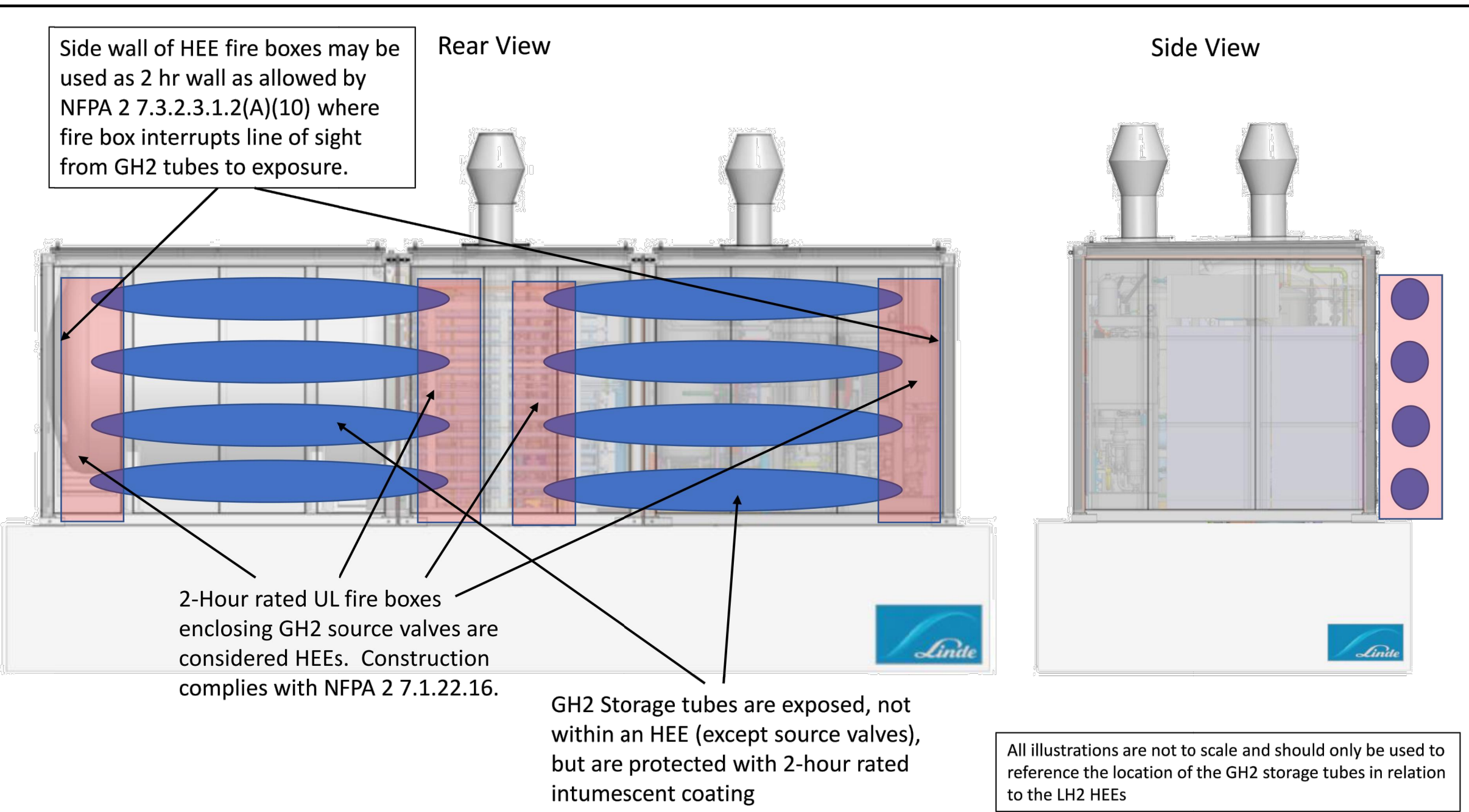
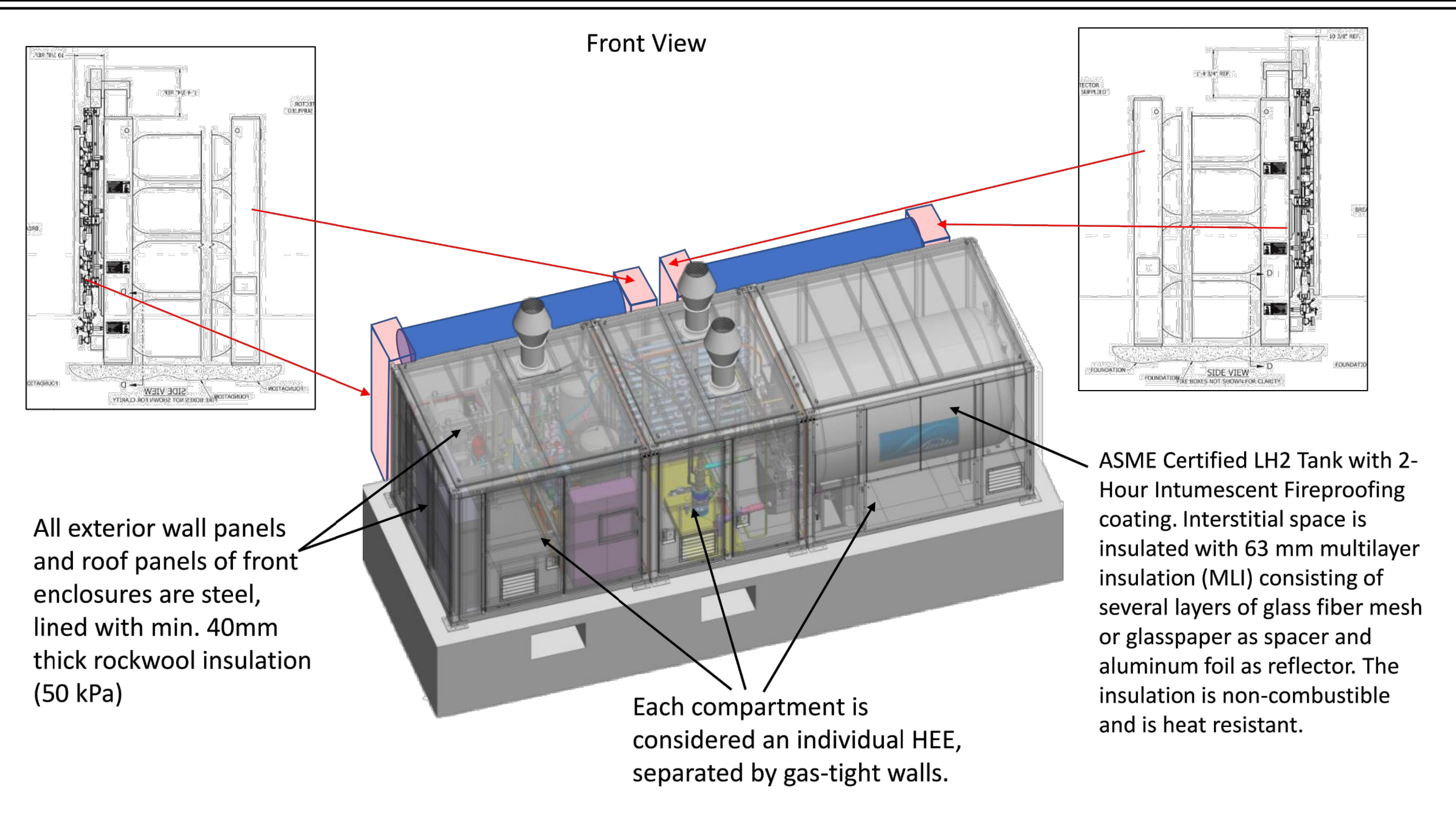


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3505 CENTRAL AVE
RIVERSIDE, CA 92506

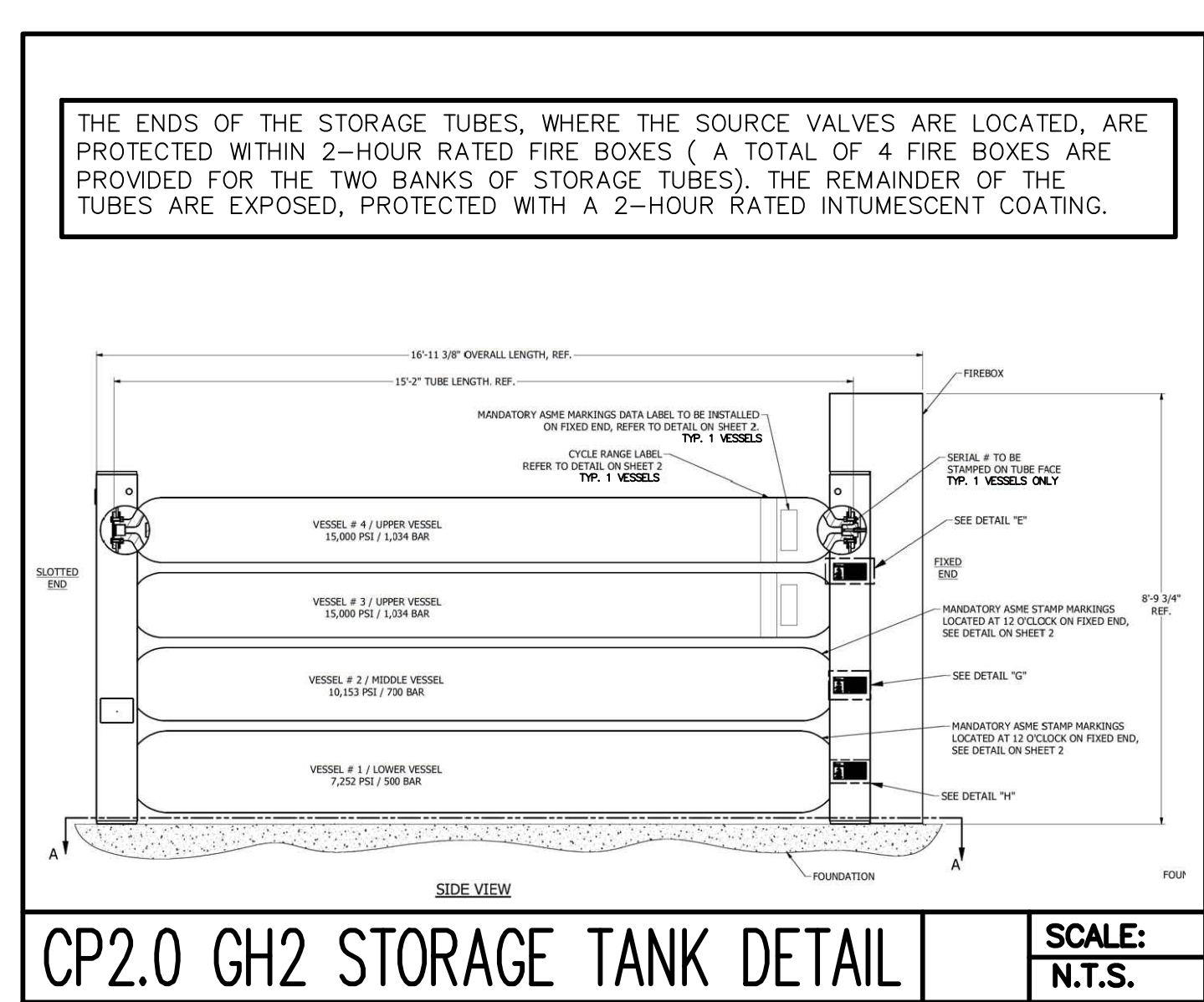
ON-SITE IMPROVEMENT PLANS
**CONCEPTUAL
LANDSCAPE PLAN**

DRAWN BY:	LR
CHECKED BY:	DZ
DATE:	7-27-2021
SHEET NUMBER	C5.0

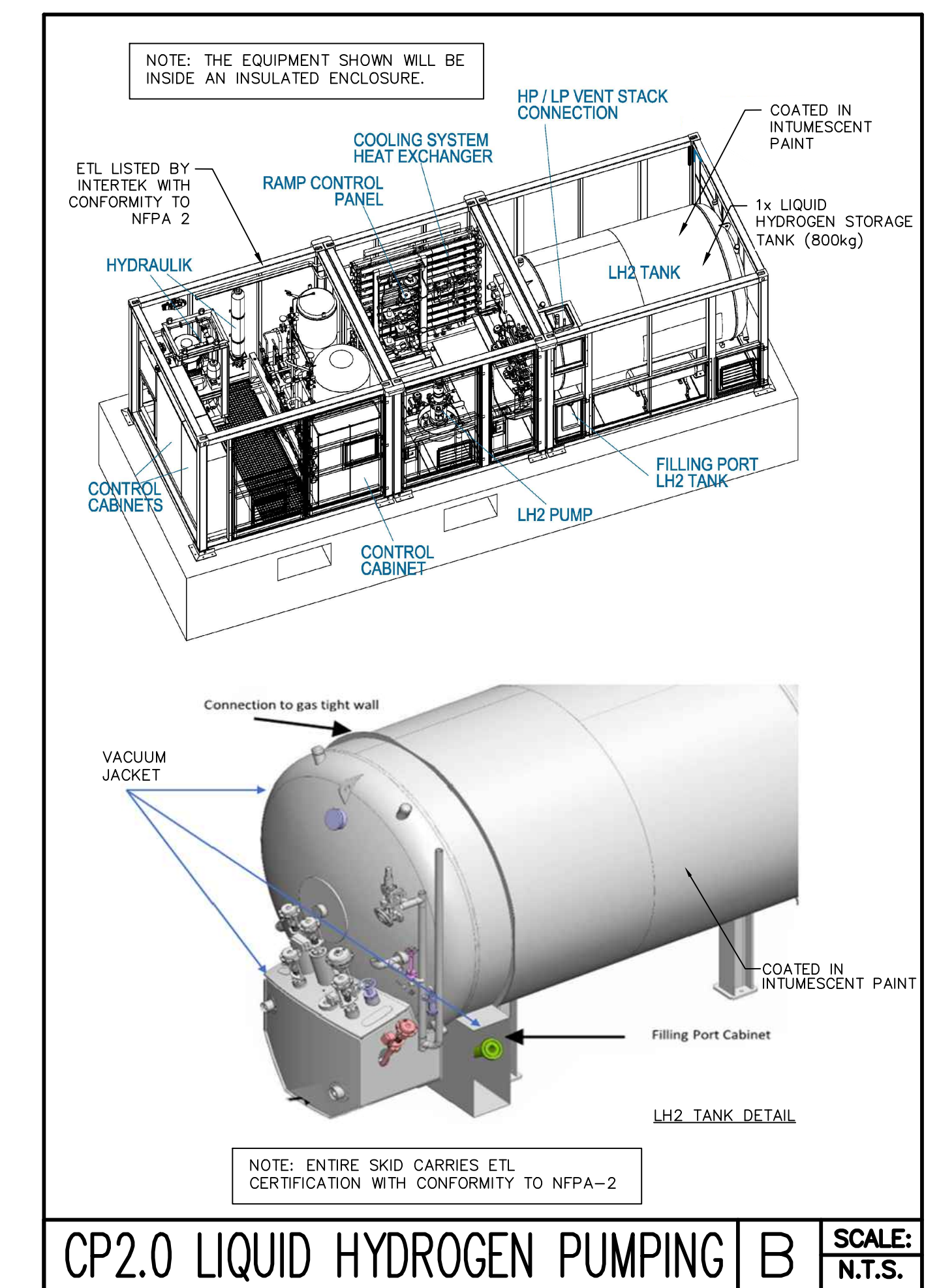


STORAGE EQUIPMENT OVERVIEW

SCALE:
N.T.S.



HYDROGEN EQUIPMENT INFO:	
ELECTRICAL CONTROL CABINET	
AREA	138 SF
VOLUME	1,476 CF
PUMP PROCESS AREA	
AREA	108 SF
VOLUME	1,137 CF
LH2 STORAGE TANK	
AREA	158 SF
VOLUME	1,686 CF
LH2 STORAGE TANK	800 KG
TOTAL LH2 HEE AREA	404 SF
TOTAL LH2 HEE VOLUME	4,319 CF
GH2 STORAGE TANK (NOT IN HEE)	
GH2 STORAGE TANKS	358 LB
GH2 HEE (FIRE BOX) X4	
DIMENSIONS: 2'-3 1/8" X 7'-2 1/2" X 0'-10"	
AREA PER FIRE BOX: 16.3 SF	
VOLUME PER FIRE BOX: 14 CF	



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FEF - RIVERSIDE

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RIVERSIDE, CA 92506

HYDROGEN STORAGE EQUIPMENT OVERVIEW

ON-SITE IMPROVEMENT PLANS

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SHEET NUMBER	F1.1