



REPLACEMENT OF HVAC UNITS

TRACTOR SUPPLY NO. 1886

621 RIVER RD, PUYALLUP, WA 98371

Approval of submitted plans is not an approval of omissions or oversights by this office or non compliance with any applicable regulations of local government. The contractor is responsible for making sure that the building complies with all applicable codes and regulations of the local government.

The approved construction plans, documents, and all engineering must be posted on the job at all inspections in a visible and readily accessible location.

Full sized legible color plans are required to be provided by the permittee on site for inspection.

City of Puyallup
Building
REVIEWED
FOR
COMPLIANCE

BSnowden
07/19/2024
10:00:54 AM

City of Puyallup
Development & Permitting Services

ISSUED PERMIT

Building

Planning

Engineering

Public Works

Fire

Traffic

SHEET INDEX

SHEET NO.	SHEET NAME
T001	INDEX SHEET
M100	MECHANICAL NOTES
M200	MECHANICAL SCHEDULE
M300	MECHANICAL DETAILS
S1	HOLD DOWN DETAILS
S2	ROOF FRAMING PLAN

PROJECT SCOPE

- REMOVE (E) RTUs 1-3 & CU-7
- INSTALL (N) RTUs 1-3 & CU-7
- INSTALL (N) UNITS AT THE SAME LOCATION AS (E) UNIT
- UTILIZE (E) ELECTRICAL DISCONNECT FOR (N) UNIT
- NO DUCT WORK AND NO ROOF WORK
- UTILIZE (E) CONDENSATE DRAIN SYSTEM FOR (N) UNIT

PROJECT DATA

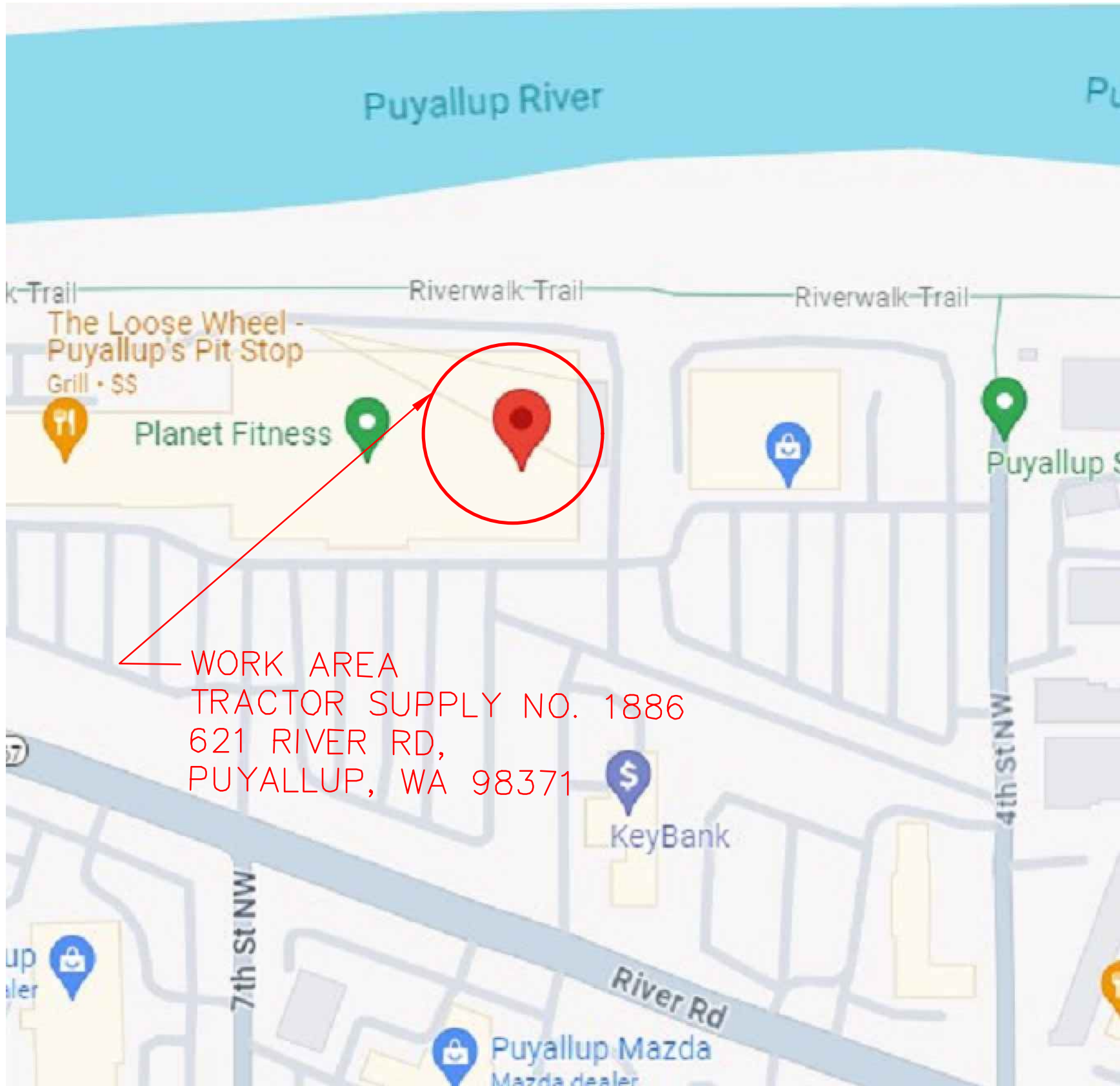
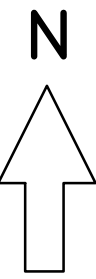
OCCUPANCY GROUP	M / RETAIL STORE
STORIES	1
FIRE SPRINKLER REQ'D	NO
REPLACEMENT AREA	COMMERCIAL (SHOPPING CENTER - COMMUNITY)

BUSINESS

TRACTOR SUPPLY NO. 1886
621 RIVER RD,
PUYALLUP, WA 98371
TEL: +1 253 845 0397

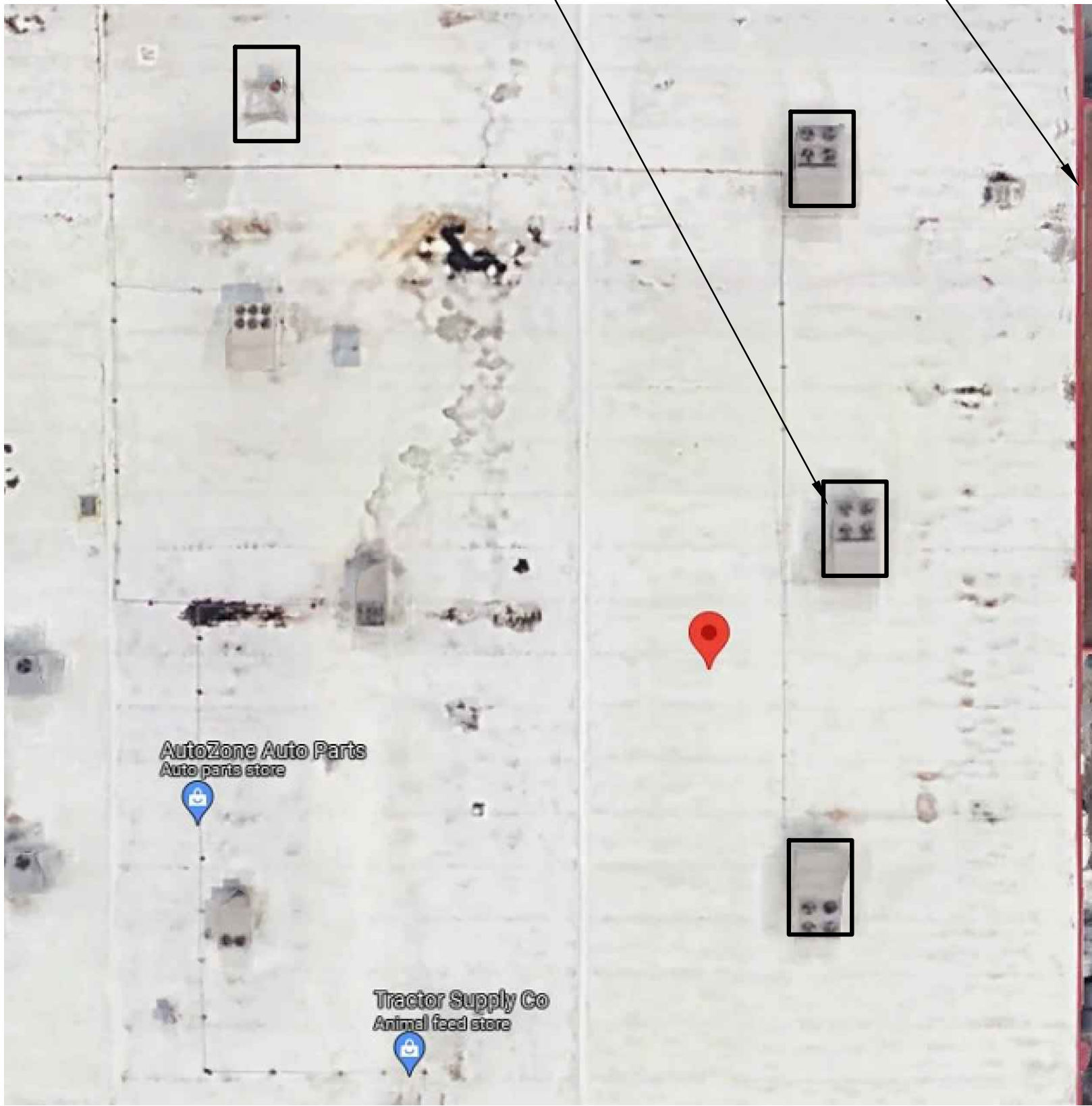
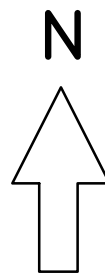
APPLICABLE BUILDING CODES

- 2021 WASHINGTON BUILDING CODE
- 2021 WASHINGTON STATE FIRE CODE
- 2021 WASHINGTON STATE MECHANICAL CODE
- 2021 WASHINGTON STATE PLUMBING CODE
- 2021 WASHINGTON STATE ENERGY CODE
- 2021 WASHINGTON STATE EXISTING BUILDING CODE



1

PROJECT VICINITY MAP
SCALE N.T.S.



2

PROJECT AERIAL VIEW
SCALE N.T.S.

General Notes

PRMH20241062



TRACTOR SUPPLY NO. 1886
621 RIVER RD,
PUYALLUP, WA 98371

Engineer



Proscap Engineering & Energy Group
1390 W. 6TH STREET, SUITE 108
CORONA, CA 92882
PHONE (951) 283-7085

Stamp



6/24/2024

INDEX SHEET
PROJECT DATA

REPLACEMENT OF RTUs & CU
TRACTOR SUPPLY NO. 1886
621 RIVER RD,
PUYALLUP, WA 98371

No.	Revision/Issue	Date

Firm Name and Address

NEXTECH
NEXT GENERATION TECHNICIANS. NEXT LEVEL SERVICE IN HVAC/R.

1045 S JOHN RODES BLVD.
MELBOURNE, FL 32904
PH: 800-382-3150

Project Name and Address

TRACTOR SUPPLY NO. 1886
621 RIVER RD,
PUYALLUP, WA 98371

Project	148824-0651	Sheet	T001
Date	06/18/2024		
Scale	AS NOTED		

HVAC ABBREVIATIONS

AHU	AIR HANDLING UNIT
CT	COOLING TOWER
CU	CONDENSER UNIT
EH	ELECTRIC HEATER
ODC	OPEN DRIVE COMPRESSOR
RTU	ROOFTOP UNIT
SHP	SPLIT SYSTEM HEAT PUMP

MECHANICAL SYMBOL LIST:

SYMBOL	DESCRIPTION
	SUPPLY AIR DOWN
	SUPPLY AIR UP AND THRU
	RETURN AIR DOWN
	RETURN AIR UP AND THRU
	EXHAUST AIR DOWN
	EXHAUST AIR UP AND THRU
	MANUAL DAMPER
	MITERED ELBOW WITH TURNING VANES
	RADIUSED ELBOW
	CONNECT/REMOVE TO EXISTING
	THERMOSTAT
	HUMIDISTAT
	MOTORIZED DAMPER ACTUATOR
	EQUIPMENT / PLUMBING FIXTURE TAG
	REVISION TAG
	DIRECTION OF AIRFLOW
	BACKDRAFT DAMPER
	CONTROL DAMPER
	FIRE/SMOKE DAMPER
	FIRE DAMPER
	SMOKE DAMPER

GENERAL NOTES

PART I: MECHANICAL SCOPE OF WORK

- CONTRACTOR SHALL FURNISH ALL LABOR AND MATERIALS, EQUIPMENT AND ACCESSORIES FOR COMPLETE AND FULLY OPERATING SYSTEM(S) INCLUDING (BUT NOT LIMITED TO): CONTROLS, ACCESSORIES AND ALL REQUIRED FEES.
WORK SPECIFIED ELSEWHERE AND BY OTHERS TO INCLUDE ELECTRICAL CONDUIT, LINE VOLTAGE WIRING, CARPENTRY AND PLATFORMS, CUTTING, CORING AND DRILLING BY OTHERS.

A. OBTAINING ALL PERMITS AND APPROVAL FROM AUTHORITIES HAVING JURISDICTION, AND PAYING ALL FEES REQUIRED

B. CUTTING AND PATCHING

C. SHOP DRAWINGS

D. START–UP, TEST AND ADJUSTMENTS

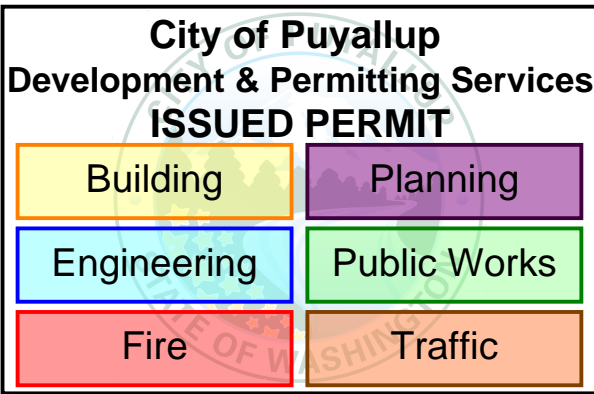
E. CLEAN–UP
- JOB CONDITIONS: VERIFY ELECTRICAL POWER REQUIREMENTS ON JOB SITE. MAINTAIN CONTINUITY OF SERVICE TO ANY EXISTING SYSTEMS. VISIT SITE PRIOR TO BIDDING TO UNDERSTAND CONDITIONS AFFECTING INSTALLATION OF THE PROPOSED SYSTEMS, COORDINATE WORK WITH ALL TRADES, ALL WORK SHALL COMPLY WITH ALL CODES, REGULATIONS AND JURISDICTIONS HAVING AUTHORITY.

PART 2: GENERAL HVAC NOTES

- ALL DIMENSIONS TO BE FIELD VERIFIED PRIOR TO COMMENCEMENT OF WORK.
- ALL DEBRIS TO BE REMOVED AT THE END OF EACH DAY.
- ALL SPACE CONDITIONING SYSTEMS ARE TO BE INDIVIDUALLY CONTROLLED BY THERMOSTATS OR SENSORS LOCATED WITHIN THAT UNIT ZONE. THERMOSTATS TO BE PROGRAMMABLE.
- SMOKE DETECTOR BY MECHANICAL CONTRACTOR.
- LOW VOLTAGE WIRING, CONDUITS AND LINE VOLTAGE WIRING BY ELECTRICAL CONTRACTOR,
- CONTRACTOR TO PROVIDE AND INSTALL ALL REQUIRED DISCONNECTS, TRANSFORMERS, RELAYS, INTERLOCKS, SWITCHES, TIME CLOCKS AND GLOBAL SHUT DOWN IF REQUIRED.
- AT THE TIME OF ROUGH INSTALLATION, DURING STORAGE ON THE CONSTRUCTION SITE AND UNTIL FINAL STARTUP OF THE HEATING, COOLING, AND VENTILATION EQUIPMENT, ALL DUCT AND OTHER RELATED AIR DISTRIBUTION COMPONENT OPENING BE COVERED WITH TAPE, PLASTIC, SHEET METAL OR OTHER METHODS ACCEPTABLE TO THE ENFORCING AGENCY TO REDUCE THE AMOUNT OF WATER, DUST AND DEBRIS, WHICH MAY ENTER THE SYSTEM [CGBSC 4.504.1]

CONSTRUCTION NOTES:

- THIS BUILDING IS IN FULL OPERATION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE WITH TENANTS FOR WORK PERFORMED IN SPECIFIC SPACE.
- CONTRACTOR MUST PROTECT ALL OCCUPANTS OF THE BUILDING AGAINST HARM DUE TO OR ASSOCIATED WITH THIS WORK.
- THIS PROJECT WILL BE EXECUTED WHILE THE BUILDING IS IN FULL OPERATION.
- AFTER COMPLETION OF TESTING, ADJUSTING, AND BALANCING, A FINAL REPORT SHALL BE PROVIDED AND SIGNED BY THE INDIVIDUAL RESPONSIBLE FOR PERFORMING THESE SERVICES.
- PROVIDE BUILDING OWNER WITH DETAILED OPERATION AND MAINTENANCE INSTRUCTIONS AND COPIES OF GUARANTEES/WARRANTIES FOR EACH SYSTEM PRIOR TO FINAL INSPECTION.
- CONTRACTOR SHALL ENSURE ALL ACCESS LOCKS, SCREWS, AND BOLTS SHALL BE OF CORROSION RESISTANT MATERIAL. IMC 304.10
- CONTRACTOR SHALL PROVIDE CLEANOUTS FOR THE CONDENSATE LINES. IMC 307.2.5
- CONDENSATE WASTE PIPES FROM AIR–COOLING COILS ARE SIZED IN ACCORDANCE WITH THE EQUIPMENT CAPACITY AS SPECIFIED IN SECTION 310.3 CMC (IMC SECTION 307.2.2). CONDENSATE WASTE AND DRAIN LINE SHALL NOT BE LESS THAN 3/4 INCH INTERNAL DIAMETER AND SHALL NOT DECREASE IN SIZE FROM DRAIN PAN CONNECTION TO THE PLACE OF CONDENSATE DISPOSAL.
- CONDENSATE FROM ALL COOLING COILS AND EVAPORATORS SHALL BE CONVEYED FROM THE DRAIN PAN OUTLET TO AN APPROVED PLACE OF DISPOSAL. PIPING SHALL MAINTAIN MINIMUM HORIZONTAL SLOPE IN THE DIRECTION OF DISCHARGE OF NO LESS THAN 1%. CONDENSATE SHALL NOT DISCHARGE INTO A STREET, ALLEY, OR OTHER AREAS THAT COULD CAUSE A NUISANCE.



General Notes

PRMH20241062



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Engineer



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Stamp



6/24/2024

MECHANICAL NOTES

REPLACEMENT OF RTUS & CU
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Project	148824–0651	Sheet	M100
Date	06/18/2024		
Scale	AS NOTED		

TABLE 1 – ROOFTOP UNIT SCHEDULE (NEW)																				
ID MARK	AREAS SERVED	HVAC UNIT TYPE	MANUFACTURER			COOLING DATA									HEATING DATA		ELECT.		UNIT WEIGHT (lbs)	
			QTY	MFR	MODEL	NOMINAL TONS	EER	SEER	IEER	AIR FLOW (CFM)	OUTSIDE AIR (CFM)	CAPACITY(Btu/hr)		ENTERING WB (DEG.F)	ENTERING DB (DEG.F)	CAPACITY INPUT (Btu/hr)	CAPACITY OUTPUT (Btu/hr)	460–3–60		
												TOTAL	SENSIBLE					MCA		MOCP
RTU – 1	SALES AREA	PACKAGE UNIT	1	LENNOX	LGT180H4M	15.0	12.0		15.0	6,000	1,046	184,400	140,100	67.0	80.0	260,000	211,000	31.0	35	2,351
RTU – 2	SALES AREA	PACKAGE UNIT	1	LENNOX	LGT180H4M	15.0	12.0		15.0	6,000	1,046	184,400	140,100	67.0	80.0	260,000	211,000	31.0	35	2,351
RTU – 3	SALES AREA	PACKAGE UNIT	1	LENNOX	LGT180H4M	15.0	12.0		15.0	6,000	1,046	184,400	140,100	67.0	80.0	260,000	211,000	31.0	35	2,351


TABLE I - SPLIT AIR CONDITIONING UNITS (NEW)												
CONDENSING UNIT												
GENERAL				COOLING DATA		OTHERS				SYSTEM DATA		
ID MARK	MFR	QTY	MODEL NO.	CAPACITY(Btu/hr)		ELECTRICAL SYSTEM			UNIT WEIGHT (LBS)	TON	EER	IEER
				TOTAL	SENSIBLE	VOLTS	MCA	MOCP				
	LENNOX	1	EL090XCSST1G	90,000	72,000	460–3–60	17.00	25.00	345	7.5	11.2	14.8

TABLE 2 – ROOFTOP UNIT SCHEDULE (EXISTING)																				
ID MARK	AREAS SERVED	HVAC UNIT TYPE	MANUFACTURER			COOLING DATA									HEATING DATA		ELECT.		UNIT WEIGHT (lbs)	
			QTY	MFR	MODEL	NOMINAL TONS	EER	SEER	IEER	AIR FLOW (CFM)	OUTSIDE AIR (CFM)	CAPACITY(Btu/hr)		ENTERING WB (DEG.F)	ENTERING DB (DEG.F)	CAPACITY INPUT (Btu/hr)	CAPACITY OUTPUT (Btu/hr)	460–3–60		
												TOTAL	SENSIBLE					MCA		MOCP
RTU – 1	SALES AREA	PACKAGE UNIT	1	YORK	DJ180N24S4VFH2E	15.0	12.0		14.2	6,000	1,046	178,000	142,400	67	80	300,000	240,000	41.1	50	1,765
RTU – 2	SALES AREA	PACKAGE UNIT	1	YORK	DJ180N24S4VFH2E	15.0	12.0		14.2	6,000	1,046	178,000	142,400	67	80	300,000	240,000	41.1	50	1,765
RTU – 3	SALES AREA	PACKAGE UNIT	1	YORK	DJ180N24S4VFH2E	15.0	12.0		14.2	6,000	1,046	178,000	142,400	67	80	300,000	240,000	41.1	50	1,765


TABLE 2 - SPLIT AIR CONDITIONING UNITS (EXISTING)												
CONDENSING UNIT												
GENERAL				COOLING DATA		OTHERS				SYSTEM DATA		
ID MARK	MFR	QTY	MODEL NO.	CAPACITY(Btu/hr)		ELECTRICAL SYSTEM			UNIT WEIGHT (LBS)	TON	EER	IEER
				TOTAL	SENSIBLE	VOLTS	MCA	MOCP				
	TRANE	1	TTA090A400DA	98,000	78,400	460–3–60	35.8	45	311	7.5	11.5	13.1

TABLE 3 - ZONE VENTILATION SUMMARY					
SECTIONS	AREA (Sq Ft)	ZONE OCCUPANCY	ZONE POPULATION	AREA OUTDOOR AIRFLOW RATE (CFM/SQ FT)	OUTDOOR AIRFLOW RATE(Vo2)
SALES AREA	4,500	RETAIL	68	0.12	1,046
SALES AREA	4,500	RETAIL	68	0.12	1,046
SALES AREA	4,500	RETAIL	68	0.12	1,046
SALES AREA	2,250	RETAIL	31	0.12	523

TABLE 4 - CURB ADAPTER SCHEDULE				
ID MARK	MODEL	ADAPTER MODEL	WEIGHT (lbs)	MANUFACTURER
RTU – 1	LGT180H4M	AC / YK05 / LN03	450	AES INDUSTRIES
RTU – 2	LGT180H4M	AC / YK05 / LN03	450	AES INDUSTRIES
RTU – 3	LGT180H4M	AC / YK05 / LN03	450	AES INDUSTRIES

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building

Planning

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Public Works


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6/24/2024

MECHANICAL
SCHEDULE


REPLACEMENT OF RTUS & CU
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Project

148824-0651

Sheet

06/18/2024

AS NOTED

M200



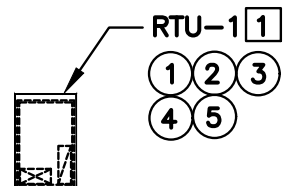
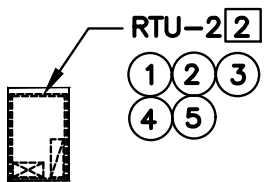
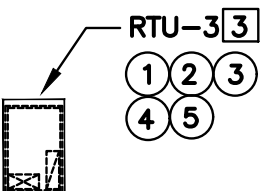
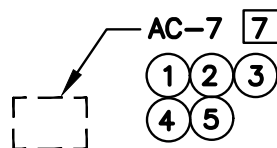
RIVERWALK TRAIL

11TH ST NW

4TH ST NW

RIVER RD

TRACTOR SUPPLY NO. 1886
ENTRANCE BELOW

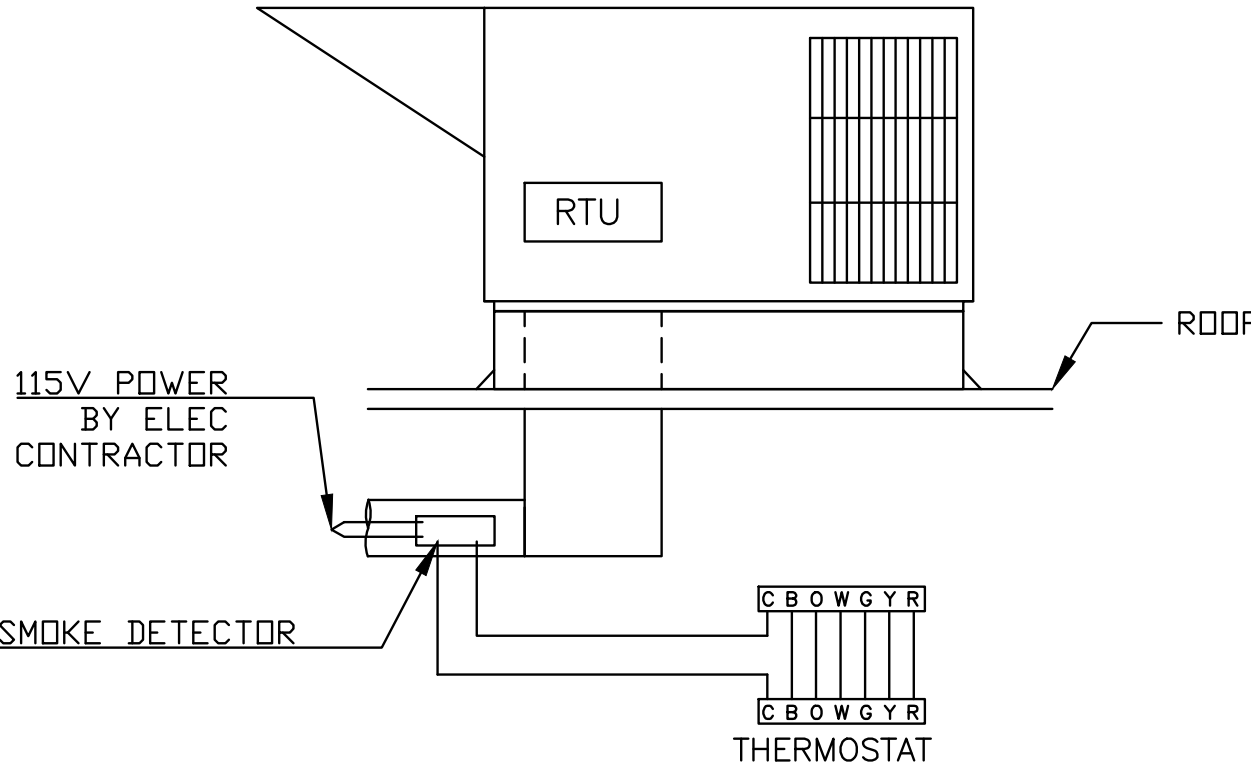


INSTALLATION NOTES:

- EXISTING ELECTRICAL POWER CIRCUITS SHALL BE REUSED
- UNITS SHALL BE SUPPLIED WITH HIGH PERFORMANCE ECONOMIZER, 2"MERV 8 FILTERS, & BAROMETRIC RELIEF DAMPERS/W HOOD.
- THE NEW UNITS SHALL BE CONNECTED USING EXISTING POWER CIRCUITS AND BREAKERS ARE TO BE CHANGED TO MATCH HVAC NAMEPLATE MOCP
- CONTRACTOR SHALL ENSURE THAT SMOKE DETECTOR IS INSTALLED WITHIN THE SUPPLY AIR CAPABLE OF AUTOMATIC SHUT OFF.
- CONTRACTOR SHALL ENSURE THE DISCHARGE CONDENSATE OF THE RTUS IS TO A SANITARY SEWER DRAIN, STORM WATER OR OTHER LOCATION APPROVED BY THE BUILDING OFFICIALS. DRAINS SHALL BE INDIRECTLY CONNECTED IN ACCORDANCE WITH THE PLUMBING CODE.

HVAC REPLACEMENT NOTE:

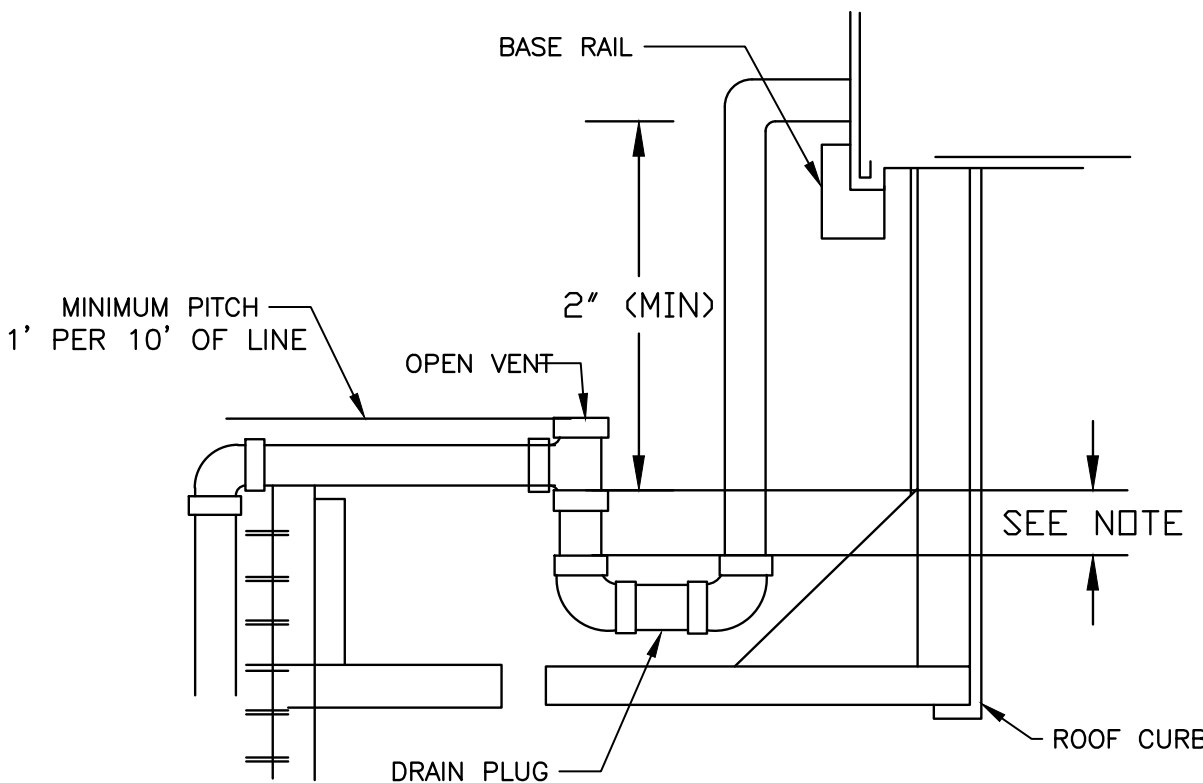
- (N)RTU-1 LENNOX LGT180H4M TO REPLACE (E)RTU-1 YORK DJ180N24S4VFH2E
- (N)RTU-2 LENNOX LGT180H4M TO REPLACE (E)RTU-2 YORK DJ180N24S4VFH2E
- (N)RTU-3 LENNOX LGT180H4M TO REPLACE (E)RTU-3 YORK DJ180N24S4VFH2E
- (N)AC-7 LENNOX 24A99 TO REPLACE (E)AC-7 TRANE TTA090A400DA



NOTE: SMOKE DETECTOR LOCATED IN SUPPLY DUCT

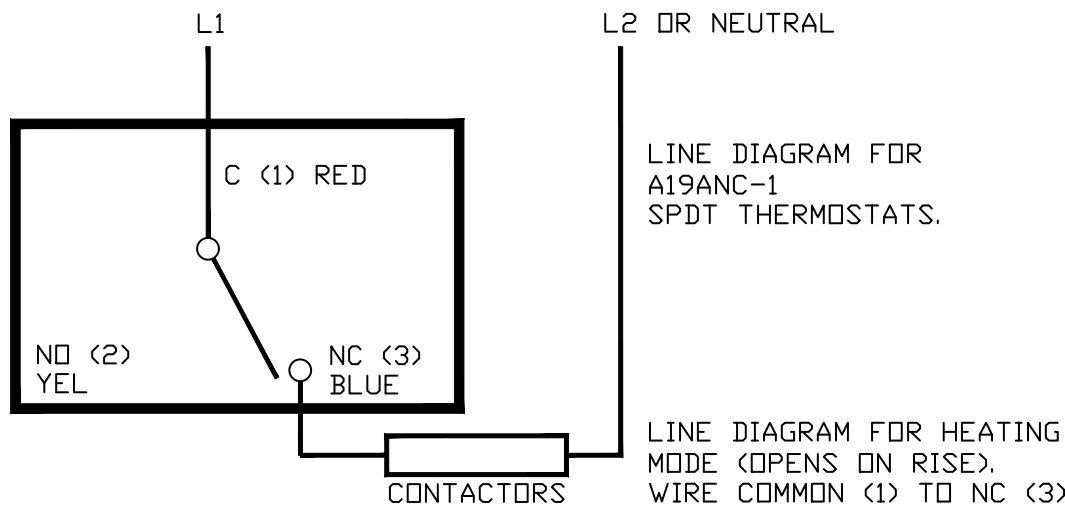
SMOKE DETECTOR DETAIL

SCALE N.T.S. 1



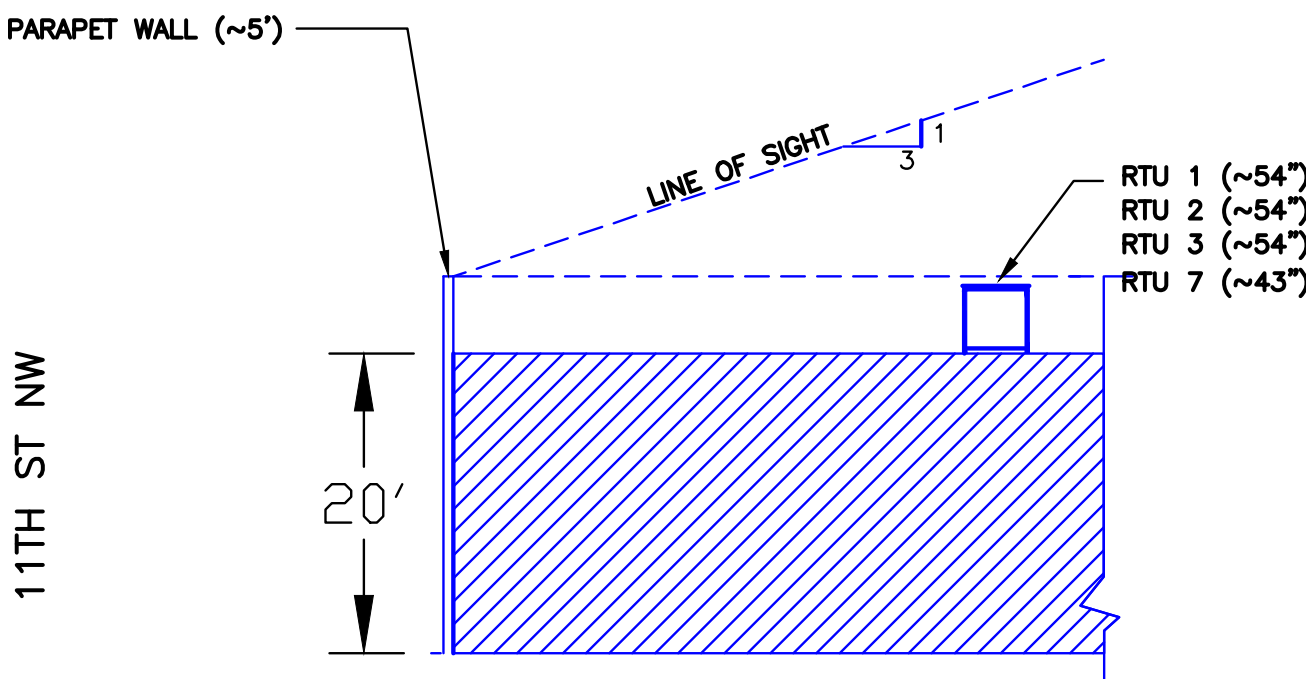
CONDENSATE DRAIN DETAIL

SCALE N.T.S. 2



THERMOSTAT WIRING DIAGRAM

SCALE N.T.S. 3



LINE OF SIGHT DETAIL FOR UNITS

SCALE N.T.S. 4

General Notes

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RTUs LAYOUT
MECHANICAL DETAILS

REPLACEMENT OF RTUs & CU
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Project	148824-0651	Sheet	M300
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1. STRUCTURAL DESIGN CRITERIA

- A. THE DESIGN AND CONSTRUCTION OF THIS PROJECT IS GOVERNED BY THE 2021 INTERNATIONAL EXISTING BUILDING CODE (GOVERNING CODE)",
HEREAFTER REFERRED TO AS THE GOVERNING CODE.
1. REFER TO CHAPTER 35 OF BUILDING CODE , FOR ALL CURRENT REFERENCE STANDARDS BASED ON THE GOVERNING CODE. WHERE OTHER STANDARDS ARE NOTED IN THE DRAWINGS, USE THE LATEST EDITION OF THE STANDARD UNLESS A SPECIFIC DATE IS INDICATED. REFERENCE TO A SPECIFIC SECTION IN A CODE DOES NOT RELIEVE THE CONTRACTOR FROM COMPLIANCE WITH THE ENTIRE STANDARD. ALL SPECIFICATIONS AND CODES NOTED SHALL BE THE LATEST APPROVED EDITIONS AND REVISIONS BY THE AUTHORITY HAVING JURISDICTION OVER THIS PROJECT.
2. RISK CATEGORY: II
- B. PER THE BUILDING CODE SECTION 805.2, "ANY EXISTING GRAVITY LOAD CARRYING STRUCTURAL ELEMENT FOR WHICH AN ALTERATION CAUSES AN INCREASE IN DESIGN DEAD, LIVE OR SNOW LOAD, INCLUDING SNOW DRIFT EFFECT, OF MORE THAN 5 PERCENT SHALL BE REPLACED OR ALTERED AS NEEDED TO CARRY THE GRAVITY LOADS REQUIRED BY THE BUILDING CODE FOR NEW STRUCTURES.

C. EXISTING ROOF DESIGN DATA

1. ROOF DEAD LOAD:
2. ROOF LIVE LOAD:
3. GROUND SNOW LOAD:

20 PSF
20 PSF
20 PSF

D. EARTHQUAKE DESIGN DATA

1. MAPPED SPECTRAL RESPONSE ACC. FOR SHORT PERIOD, (Ss):
2. DESIGN SPECTRAL RESPONSE ACC. FOR ONE SECOND PERIOD, (S1):
3. DESIGN SPECTRAL RESPONSE ACC. FOR SHORT PERIOD, (Sds):
4. DESIGN SPECTRAL RESPONSE ACC. FOR 1 SECOND PERIOD, (Sd1):
5. SITE CLASS:
6. SEISMIC DESIGN CATEGORY:
7. SEISMIC IMPORTANCE FACTOR, (Ie):
8. RESPONSE MODIFICATION COEFFICIENT(S), (R):
9. BASIC SEISMIC-FORCE-RESISTING-SYSTEM(S):
10. ANALYSIS PROCEDURE USED:

1.278 G
0.440 G
1.022 G
0.499 G
D
D-Default
1.0
6.00
AIRSIDE HVAC UNIT
SEISMIC DESIGN REQUIREMENTS FOR
NONSTRUCTURAL COMPONENTS

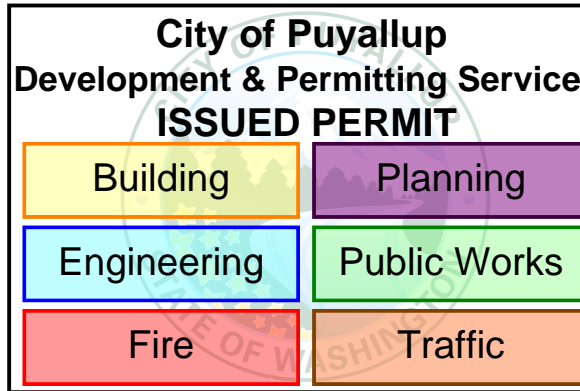
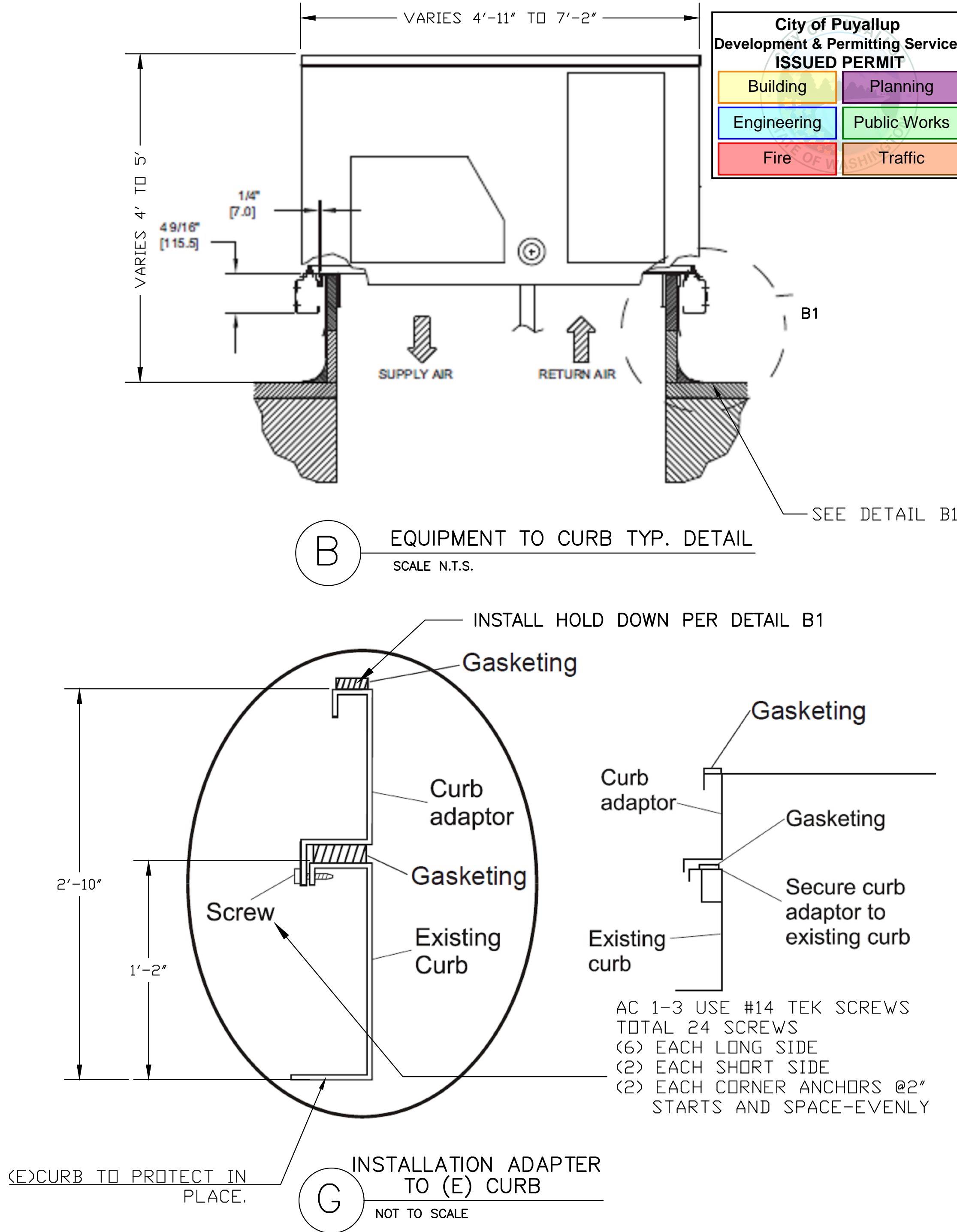
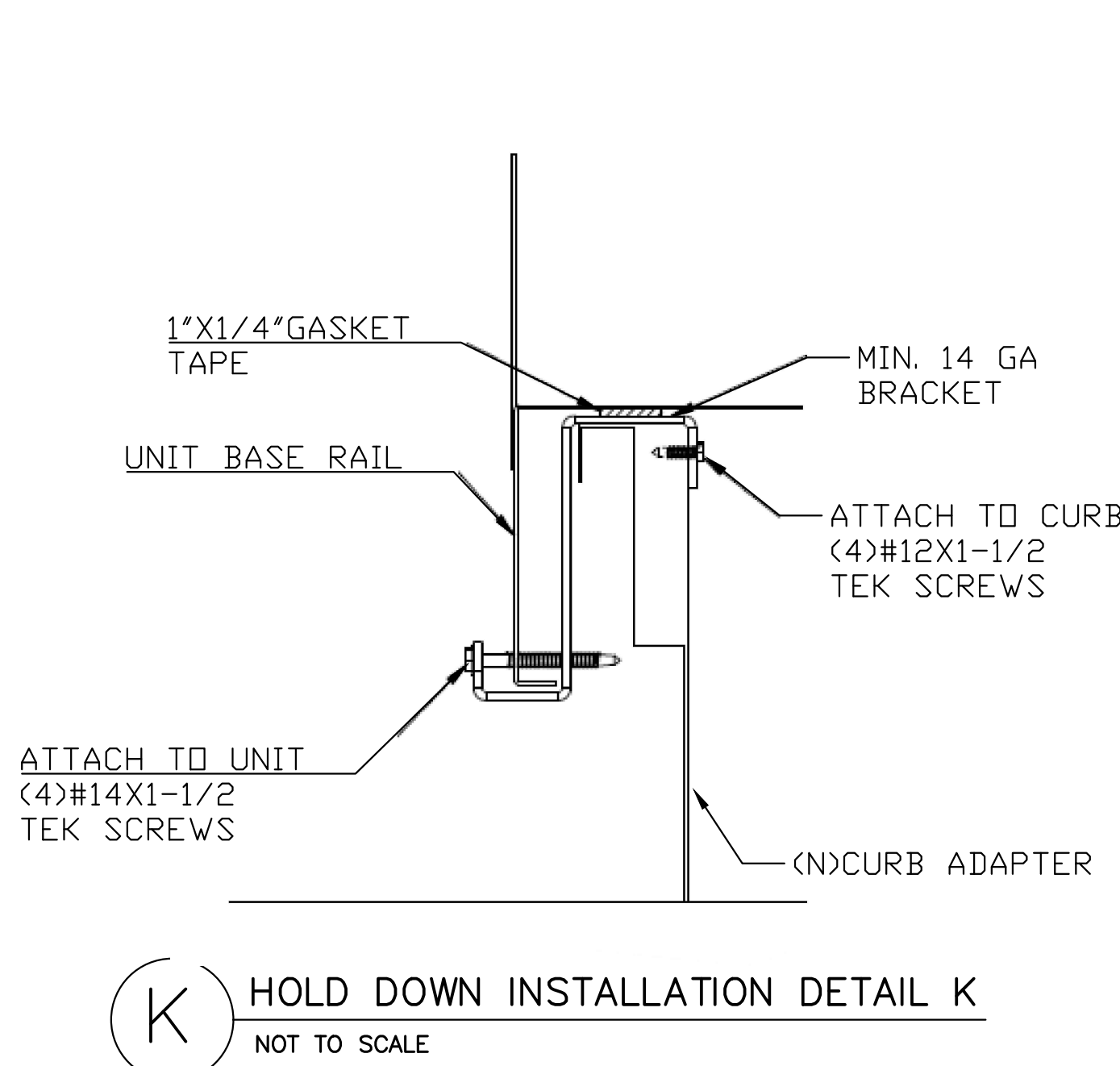
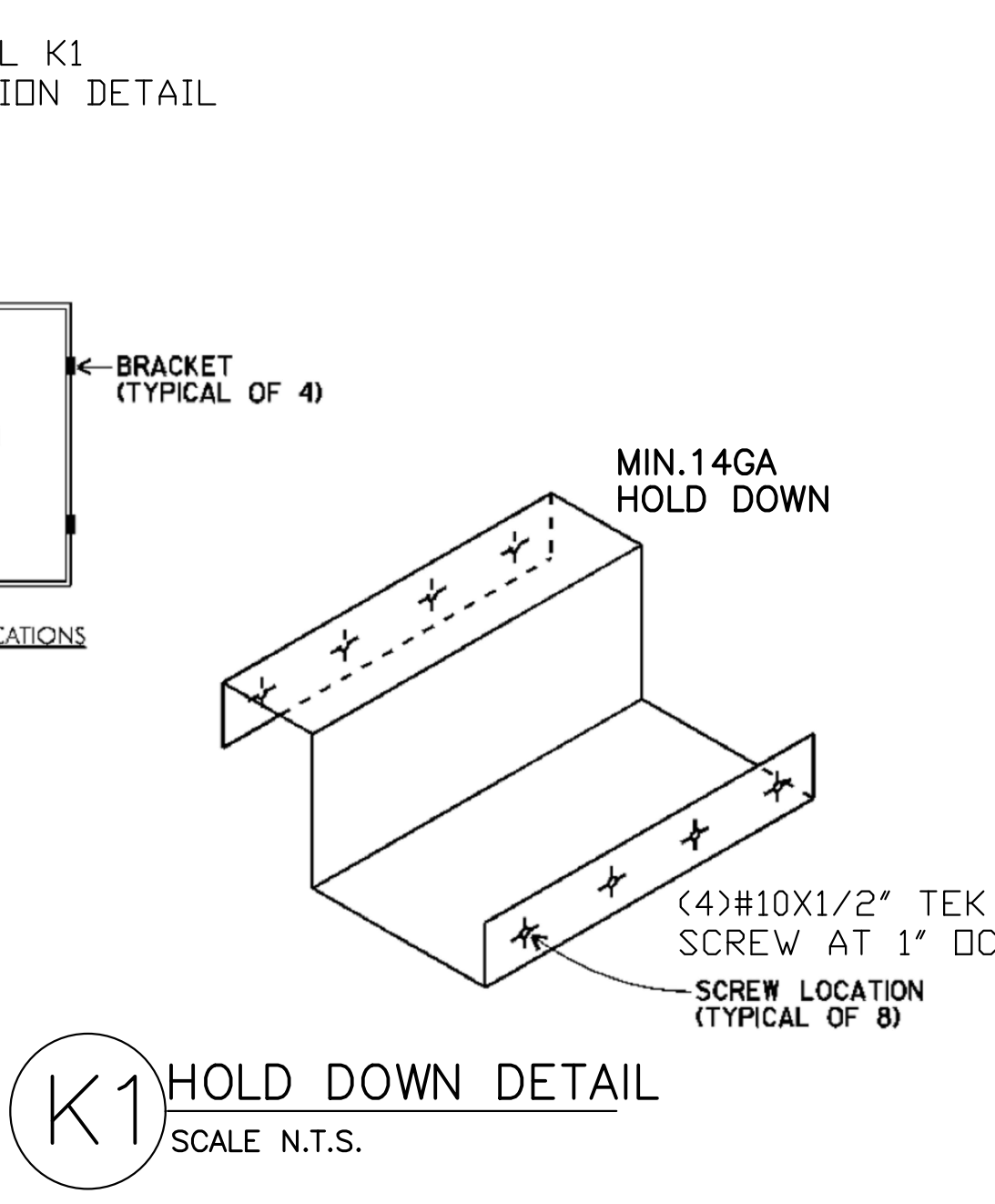
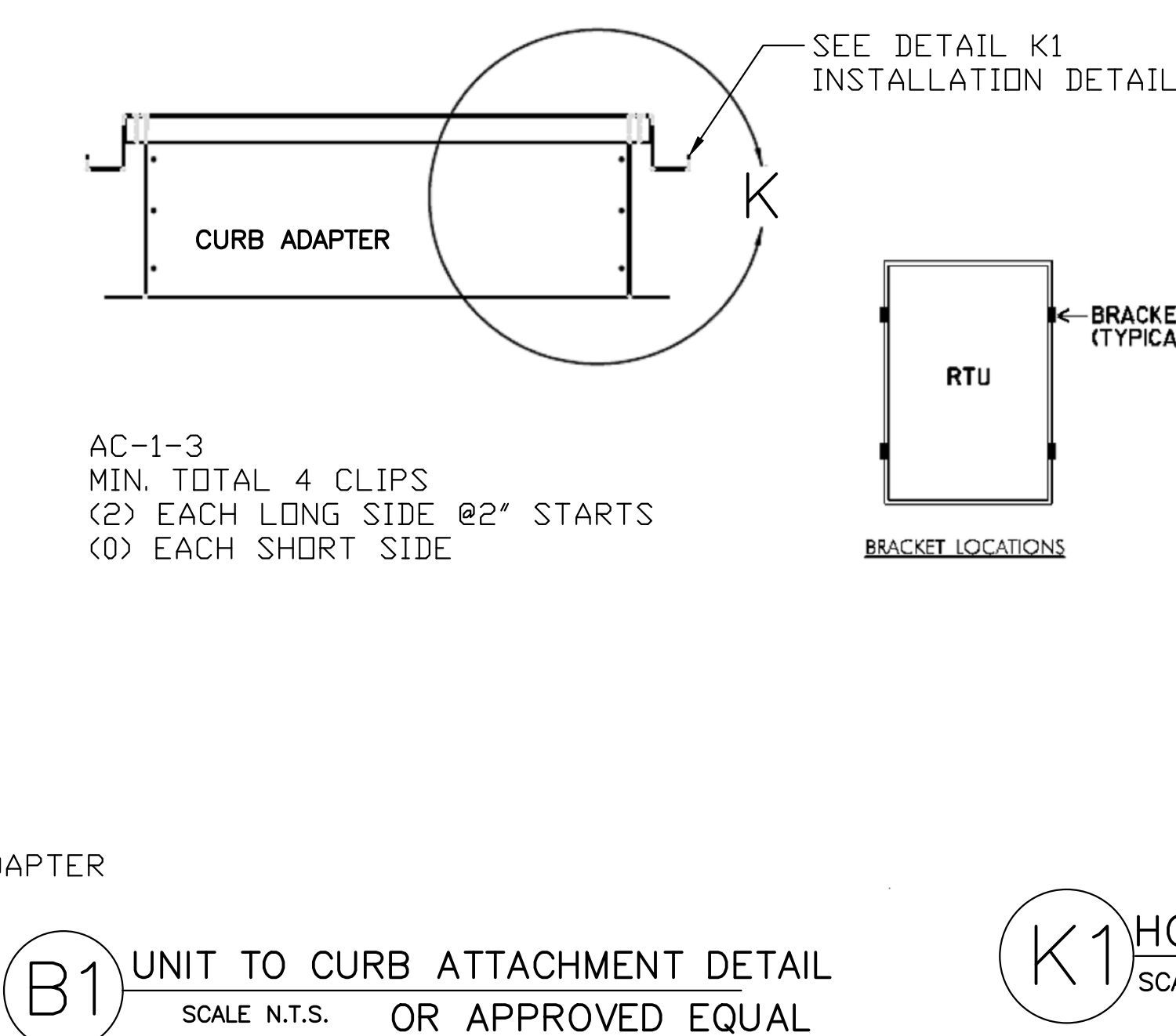
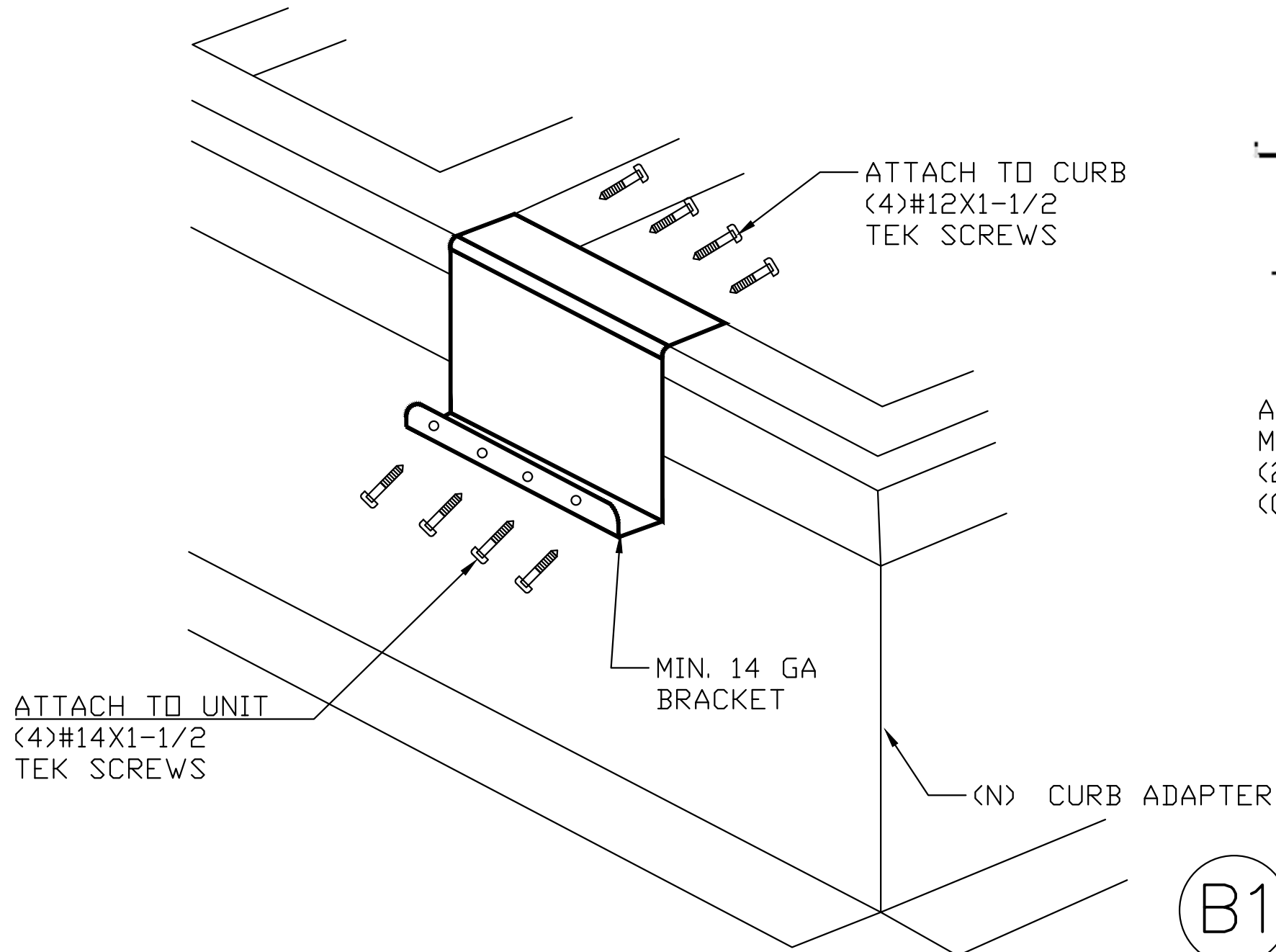
E. ROOF DESIGN DATA

1. ULTIMATE DESIGN WIND SPEED (VULT)
2. WIND IMPORTANCE FACTOR, Iw:
3. WIND EXPOSURE
4. WIND PRESSURE
5. HORIZONTAL WIND PRESSURE
6. VERTICAL WIND PRESSURE

104 MPH
1.0
C
29.72 PSF (COMPONENTS AND CLADDING)
29.72 PSF (ROOF TOP UNIT)
28.66 PSF (ROOF TOP UNIT)

2. STRUCTURAL STEEL

- A. ALL STEEL CONSTRUCTION SHALL CONFORM TO REQUIREMENTS SET FORTH IN THE LATEST EDITIONS OF AISC,"AMERICAN INSTITUTE OF STEEL CONSTRUCTION",AISC 341-10," SEISMIC PROVISIONS FOR STRUCTURAL STEEL BUILDINGS, INCLUDING SUPPLEMENT NO 1,DATED 2010" AND AISC 360-10, "SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS".
- B. STEEL DESIGNATIONS:
1. WIDE FLANGE SHAPES (BEAMS & COLUMNS) = ASTM A992 (GRADE 50)
2. OTHER ROLLED SHAPES & PLATE = ASTM A36 (U.N.O.) PIPE
3. COLUMNS = ASTM A53, GRADE 'B'4. STRUCTURAL HSS TUBING = ASTM A500, GRADE 'B' 46 KSI
- C. ALL ANCHOR BOLTS, BOLTS AND LAGS IN WOOD SHALL CONFORM TO ASTM A307 STEEL U.N.O. AND SHALL HAVE STEEL WASHERS BENEATH ALL NUTS AND BOLT HEADS. IF A CERTAIN SITUATION IS NOT DETAILED USE A SIMILAR DETAIL. ALL STRUCTURAL BOLTS SHALL CONFORM TO ASTM A325-N. CONNECTIONS SHALL GENERALLY FOLLOW THE TYPES SHOWN IN AISC MANUAL OF STEEL CONSTRUCTION.
- D. STEEL FABRICATOR SHALL ALSO INCLUDE AND COORDINATE ALL STRUCTURAL STEEL SHOWN ON ARCHITECTURAL SHEETS WITH THAT OF THE STRUCTURAL SHEETS, COORDINATE ANY STEEL NOT SHOWN ON STRUCTURAL DRAWINGS, CONTRACTOR TO VERIFY
- E. ALL BEAMS ELEVATIONS FOR JOISTS, BEAMS, AND COLUMN HEIGHTS SHALL BE COORDINATED AND VERIFIED BY THE CONTRACTOR. cw/ ARCH. ALL ELEVATIONS MUST BE APPROVED BY ENGINEER AND ARCHITECT OF RECORD IN THE SHOP DRAWING REVIEW PROCESS.
- F. ALL STEEL WELDING SHALL CONFORM TO AWS D1.1 WITH E70XX ELECTRODES.
- G. PROVIDE HIGH STRENGTH GROUT UNDER ALL STEEL BASE PLATES, F'c = 5,000 PSI, MIN



TRACTOR SUPPLY NO. 1886
621 RIVER ROAD
PUYALLUP, WA 9837

Engineer



Proscap Engineering & Energy Group

1390 W. 6TH STREET, SUITE 108
CORONA, CA 92882
PHONE (951) 283-7085

Stamp



7/16/2024

GENERAL NOTES
ANCHORAGE DETAILS

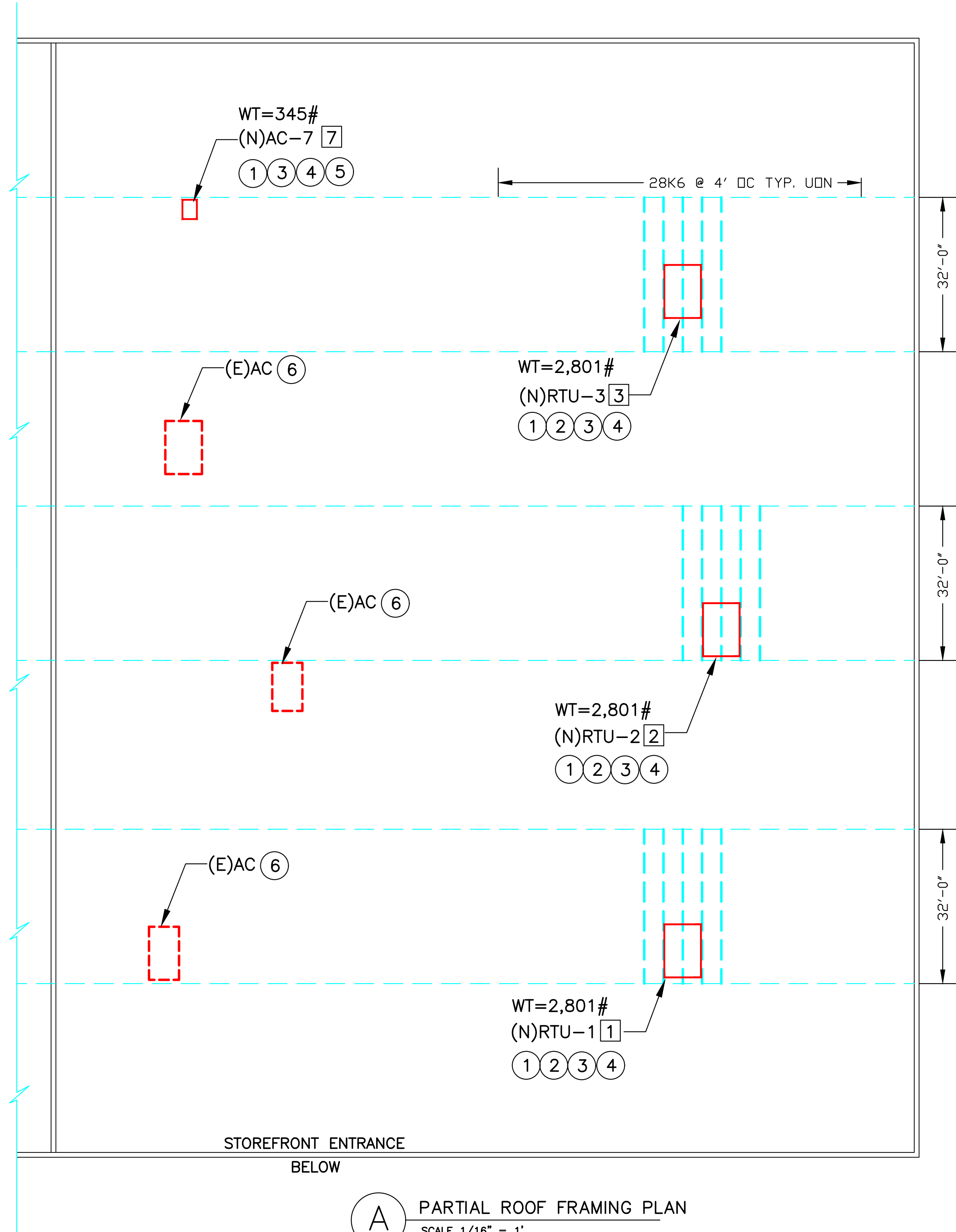
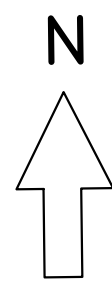
REPLACEMENT OF ACS
TRACTOR SUPPLY NO. 1886
621 RIVER ROAD
PUYALLUP, WA 9837

No.	CITY COMMENTS	7/16/2024	Date
	Revision/Issue		



Project Name and Address
TRACTOR SUPPLY NO. 1886
621 RIVER ROAD
PUYALLUP, WA 9837

Project	148824-0615	Sheet	S1
Date	04/23/2024		
Scale	AS NOTED		



A PARTIAL ROOF FRAMING PLAN
SCALE 1/16" = 1'
BUILDING MEDIAN HEIGHT = 28'

CURB ADAPTER SCHEDULE			
ID MARK	ADAPTER MODEL	WEIGHT (lbs)	MANUFACTURER
AC# 1-3	AC / YK05 / LN03	450	AES INDUSTRIES

City of Puyallup Development & Permitting Services ISSUED PERMIT	
Building	Planning
Engineering	Public Works
Fire	Traffic

PROJECT SCOPE

- REMOVE (E) ACs 1-3, AND 7
- INSTALL (N) ACs 1-3, AND 7
- INSTALL (N) UNITS AT THE SAME LOCATION AS (E) UNIT
- UTILIZE (E) ELECTRICAL DISCONNECT FOR (N) UNIT
- NO DUCT WORK AND NO ROOF WORK
- UTILIZE (E) CONDENSATE DRAIN SYSTEM FOR (N) UNIT

NOTES:

- FOR (N) RTUs ATTACHMENT, SEE DETAIL B/S1.
- FOR (FOR ANY INSTALLATION OF ANY (N) DUCT WORK WHERE IT CONFLICTS W/ (E) JOIST BRIDGING OR BRACING, CONTRACTOR SHALL RELOCATE AS REQUIRED (TYP).
- FOR ADDITIONAL INFO, SEE MECH./REFRIG. CONTRACTOR.
- REMOVE (E) RTUs FROM ROOF PRIOR TO PLACING (N) RTUs ON ROOF. AT NO TIME SHALL THE (N) RTUs BE PLACED ON THE ROOF WHILE THE EXISTING RTUs BEING REPLACED REMAINS ON THE ROOF.
- THIS BUILDING IS IN FULL OPERATION IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE WITH TENANTS FOR WORK PERFORMED IN SPECIFIC SPACE. CONTRACTOR MUST PROTECT ALL OCCUPANTS OF THIS BUILDING AGAINST ANY POSSIBLE HARM THAT IS DUE TO OR ASSOCIATED WITH THIS WORK. THIS PROJECT WILL BE EXECUTED WHILE BUILDING IS IN FULL OPERATION.
- CONTRACTOR SHALL CONFIRM ALL FIELD CONDITIONS AND REPORT TO THE ARCHITECT/ENGINEER ANY DISCREPANCY AND INACCURACY.

CONSTRUCTION NOTES:

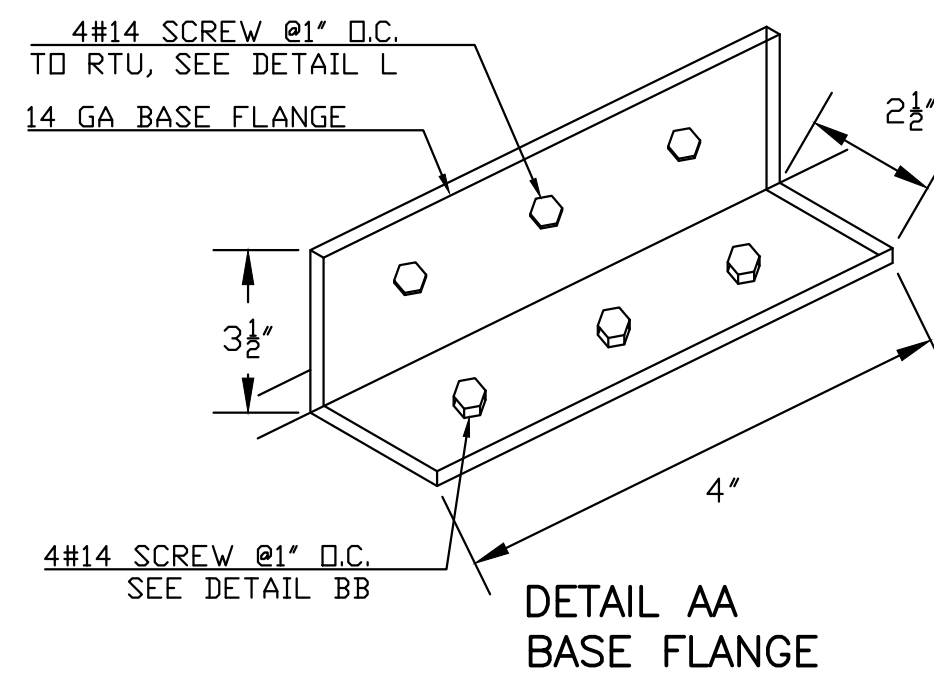
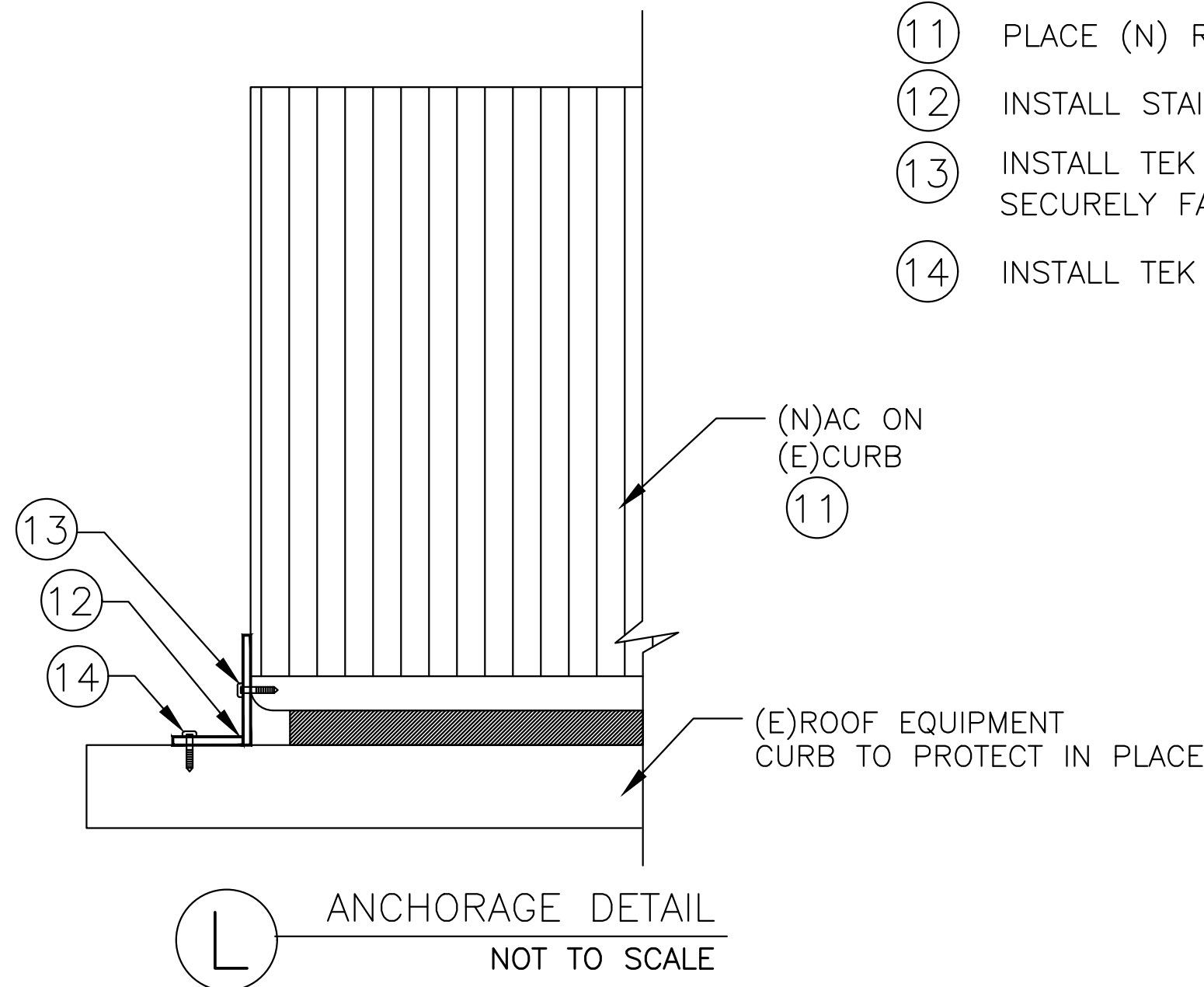
- REMOVE (E)RTUs OFF THE ROOF. (E) ROOF CURB TO REMAIN.
- INSTALL CURB ADAPTER PER UNIT SCHEDULE BELOW AND INSTALL HOLD DOWN BRACKETS PER DETAILS B1/S1.
- CONFIRM THE (E) RTU NUMBER TO BE REPLACED AS SHOWN ON THE UNIT SCHEDULE HEREON.
- REPLACE (E)RTU w/(N)RTU, SEE DETAILS B AND G/S1 FOR ATTACHMENT OF (N)RTU TO (N)CURB ADAPTER AND (E)CURB.
- REPLACE (E)RTU w/(N)RTU, SEE DETAILS L/S1 FOR ATTACHMENT OF (N)RTU TO (E)CURB.
- PROTECT IN PLACE.

ROOF MECHANICAL EQUIPMENTS

- | | |
|---|---|
| 1 | (N)AC-1 LENNOX MODEL LGT180H4M-G 15T CONF E=12.0 (2,351#)
(E)AC-1 YORK MODEL DJ180N24S4VFH2E (15T) |
| 2 | (N)AC-2 LENNOX MODEL LGT180H4M-G 15T CONF E=12.0 (2,351#)
(E)AC-2 YORK MODEL DJ180N24S4VFH2E (15T) |
| 3 | (N)AC-3 LENNOX MODEL LGT180H4M-G 15T CONF E=12.0 (2,351#)
(E)AC-3 YORK MODEL DJ180N24S4VFH2E (15T) |
| 7 | (N)AC-7 LENNOX MODEL ELO90XCSST1G AC/7.5TON/460-3 (345#)
(E)AC-7 TRANE MODEL TTA090A400DA (7.5T) |

NOTES:

- PLACE (N) RTU ON THE ROOF EQUIPMENT CURB.
- INSTALL STAINLESS STEEL HOLD DOWN BRACKET (MIN. 7GA) SEE DETAIL AA.
- INSTALL TEK SCREWS AT THE BASE BRACKETS UNTIL THE UNIT IS SECURELY FASTENED AT THE (N) ROOF CURB.
- INSTALL TEK SCREWS AT THE BASE BRACKETS TO THE CURB.



General Notes

PRMH20241062



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GENERAL NOTES
PARTIAL ROOF FRAMING

REPLACEMENT OF ACs
TRACTOR SUPPLY NO. 1886
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CITY COMMENTS		
No.	Revision/Issue	Date

Firm Name and Address



NEXTTECH HEADQUARTERS:
1045 S JOHN RODES BLVD.
MELBOURNE, FL 32904
www.cmsnextech.com

Project Name and Address

TRACTOR SUPPLY NO. 1886
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Project	Sheet
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Date	
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