

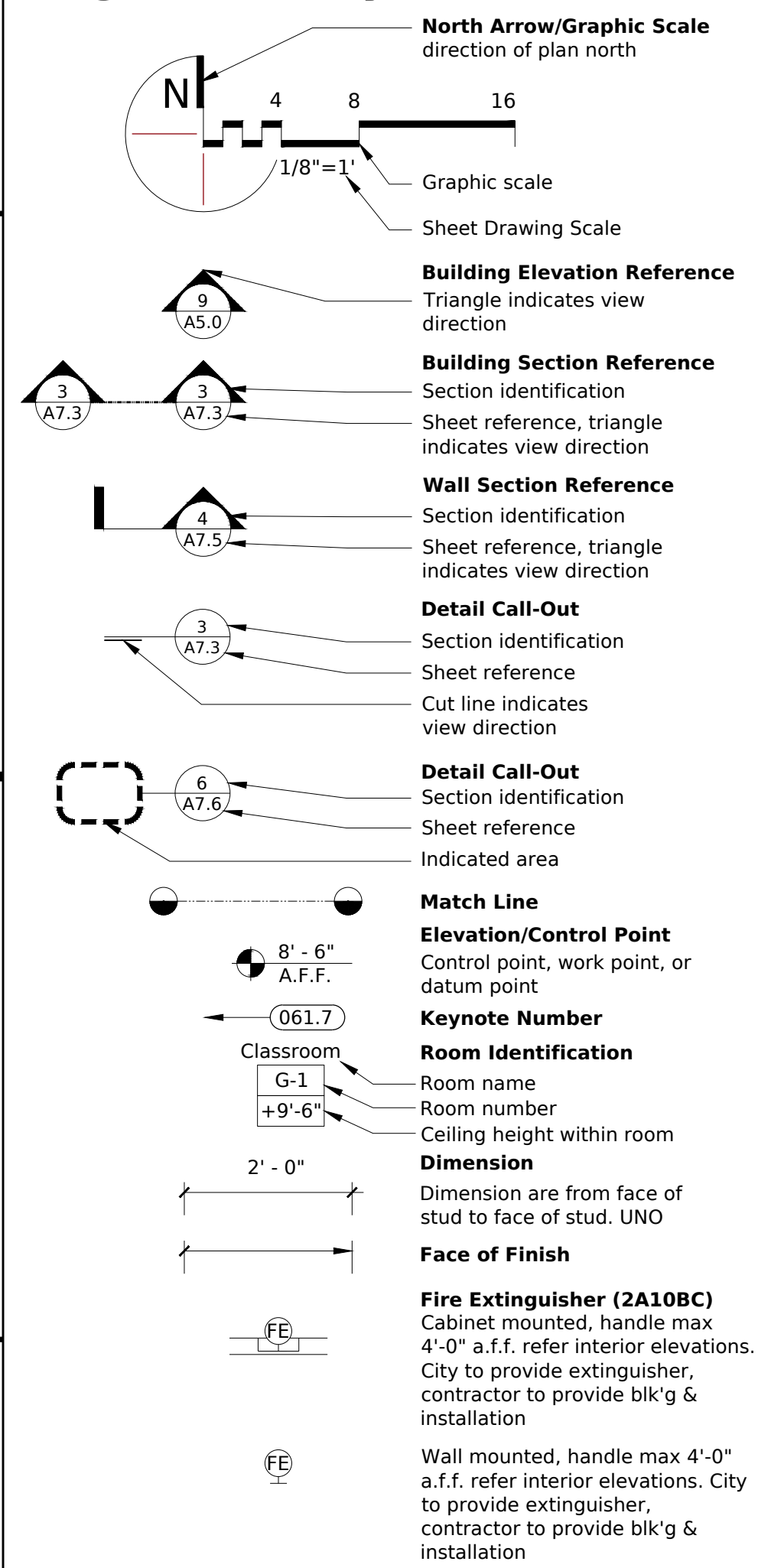
Waste Management Program

- Construction and Demolition Recycling
Waste Management Plan Requirements and Deposit Refund Instructions
The California Green Building Code requires a minimum recycling rate of 65% for all covered projects.
- Covered Projects**
 - Alteration or addition to a residential building that increases the building size by any amount.
 - All commercial permits.
 - Diversification Methodologies**
 - Deconstruction and Salvage:** Removal for reuse of appliances, fixtures, lumber, flooring, brick and other materials before the structure is demolished. This work can be done by contractor or by a specialty company, some of which may provide tax benefits for the value of salvaged items. Non-structural deconstruction and salvage may be conducted before a demolition permit is issued. Structural deconstruction may begin upon issuance of a demolition permit.
 - Source Separation:** Separating into "clean" loads those materials that cannot be salvaged. Source separated loads may go to any facility and are generally charged lower rates for recycling.
 - Mixed Debris Recycling:** Applicants may use any facility that meets the requirements of the City's ordinance for recycling of "mixed construction and demolition" debris. Debris used as alternative daily cover (ADC) at a landfill is considered an acceptable recycling use. The following are examples of facilities that have previously met the City's recycling requirements, but it is the applicant's responsibility to ensure that they are submitting a compliant Waste Management Plan.
 - Shoreway Environmental Ctr (San Carlos) 650-802-8355
 - Zanker Recycling (San Jose) 408-263-2384
 - GreenWaste Recovery (San Jose) 408-283-4800
 - Newby Island Resource Recovery (Milpitas) 408-262-1401

- Documentation**
 - Prior to Permit Issuance:** A Waste Management Plan (BEFORE PERMIT) must be submitted and approved. The plan includes estimates of waste generated and materials to be diverted. Where a contractor will demolish a structure and construct a new one, a separate plan is required for each project.
 - Upon completion of the project (within 60 days):** A Final Compliance Report / Deposit Refund Request Form (AFTER FINAL) must be submitted showing the date, project address, amount and type of materials disposed. Report shall summarize the actual weight of waste generated, weight of materials diverted and facility destinations of waste disposed and recycled, including back-up documentation.
- Fees and Deposit**
 - A non-refundable fee for a construction or demolition permit is set forth in the City's Master Fees and Service Charges schedule, Section CDM-01.7a/b.
 - A refundable deposit of \$50 for every ton or \$0.25 for every pound of debris the project is estimated to generate is required.
 - The minimum deposit for all projects is \$1,000.
 - The maximum deposit for residential projects is \$10,000. The maximum deposit for commercial projects is \$30,000.
- Return of Deposit**
 - Full deposit will be refunded upon demonstration of recycling, reuse and/or salvage of at least 65% of total generated tonnage from the project on the Final Compliance Report / Deposit Refund Request Form (AFTER FINAL) with required documentation or if a permit is withdrawn prior to the start of work.
 - Deposits will be prorated if less than 65% of the total debris generated is recycled.
 - Deposits will be forfeited if the Final Compliance Report / Deposit Refund Request Form (AFTER FINAL) and documentation is not submitted within 60 days following project completion, if the permit expires, if the project does not pass a final

- Documentation**
 - Each weight tag must list Foster City as the city of origin.
 - Material weight must be listed on each ticket or tag.
 - A separate weight tag is required for each job site. Weight tickets for combined loads from multiple job sites are invalid.
- Resources**
 - Encroachment Permits are required to place debris containers on a public street. To download the Encroachment Permit packet, go to www.fostercity.org/publicworks/page/encroachment-permit.

Legend & Symbols



Abbreviations

@	At	GSM	Galvanized sheet metal
X	By	GYP	Gypsum
∠	Center Line	H B	Hose Bib
°	Degrees	HDW	Hardware
∅	Diameter	HR	Hour
(E)	Existing	HT	Height
'	Foot/Feet	I D	Inside Diameter
"	inch/inches	I E	Invert Elevation
(N)	New	INSUL	Insulation
±	Plus/Minus	INT	Interior
#	Pound/Number	INV	Invert
(R)	Remove	I T	Info Tech
A B	Anchor Bolt	J H	Joist Hanger
ABV	Above	JT	Joint
A C	Asphaltic Concrete	LAM	Laminate
ADJ	Adjustable	LAV	Lavatory
A F F	Above Finished Floor	LT	Light
ALUM	Aluminum	MAX	Maximum
ANCH	Anchor	MB	Marker Board
A P	Access Panel	MFR	Manufacturer
ARCH	Architectural	MH	Manhole
ASPH	Asphalt	MIN	Minimum
BD	Board	MR	Moisture Resistant
B J	Building Joint	MTD	Mounted
BLDG	Building	MTL	Metal
BLK	Block	MUL	Mullion
BLKG	Blocking	N	North
BM	Beam	N A	Not Applicable
BOJ	Bottom of Joist	N I C	Not In Contract
BOT	Bottom	NOM	Nominal
B/T	Between	N R	Not Required
BW	Bottom of Wall	N T S	Not To Scale
C	Conduit	O C	On Center
C A B	Cabinet	O F S	Off Face of Stud
C B	Catch Basin	O H	Overhang
C I	Cast Iron	OPG	Opening
C J	Construction Joint	OPP	Opposite
CLG	Ceiling	O/	Over
CLR	Clear	P A	Planting Area
COL	Column	P C	Portland Cement
CONC	Concrete	PDF	Power Driven Fastener
CONST	Construction	P H	Panic Hardware
CONT	Continuous	PL	Plate
CORR	Corridor	P LAM	Plaster Laminate
CTR	Center	PLWD	Plywood
CTSK	Countersink	PR	Pair
CUST	Custodial	P T D F	Pressure Treated Douglas Fir
C O T G	Clean Out To Grade	R C P	Reflected Ceiling Plan
C W	Cold Water	R D	Roof Drain
D B L	Double	REF	Refer To:
DEMO	Demolition	REINF	Reinforced
DET	Detail	REQD	Required
D F	Drinking Fountain	RM	Room
DIA	Diameter	RO	Rough Opening
DIM	Dimension	RR	Roof Rafter
DN	Down	RWL	Rain Water Leader
D S	Downspout	S	South
DWG	Drawing	SAT	Suspended Acoustical
E	East	SCH	Schedule
EA	Each	SEC	Section
E F	Exhaust Fan	SHT	Sheet
E J	Expansion Joint	S O V	Shut Off Valve
ELEC	Electrical	SPEC	Specification
ELEV	Elevation	SS	Sanitary Sewer
EMER	Emergency	STD	Standard
E P	Electrical Panel	STO	Storage
EQ	Equal	STRUC	Structural
EQUIP	Equipment	SUSP	Suspended
E/S	Each Side	T B	Tack Board
F A	Fire Alarm	T G	Top of Grate
F D	Floor Drain	T O C	Top Of Concrete
F D C	Fire Department Connection	T O D	Top Of Drain
FDN	Foundation	T O P	Top Of Plate
FE	Fire Extinguisher	T O S	Top Of Slab
FG	Finished Grade	T W	Top Of Wall
F H	Fire Hydrant	U O N	Unless Otherwise Noted
FIN	Finish	V C T	Vinyl Composite Tile
F O C	Face Of Concrete	V C TB	Vinyl Covered Tackboard
F O F	Face Of Finish	V I F	Verify in Field
F O M	Face Of Masonry	W	Waste
F O S	Face Of Stud	W	West (elevation dwg's)
FRMG	Framing	W B	White Board
F S	Finished Surface	W C	Water Closet
FTG	Footing	W/	With
FUT	Future	W I	Woodwork Institute
GALV	Galvanized	W/O	Without
G B	Grade Break	WD	Wood
GL	Glass	WT	Weight
GR	Grade		

General Notes

All work performed under the conditions of these drawings shall comply in every respect with the following:

2022 Cal. Administrative Code, Part 1, Title 24 CCR
2022 Cal. Building Code (CBC), Part 2, Title 24 CCR
2022 Cal. Electrical Code (CEC), Part 3, T-24 CCR
2022 Cal. Mechanical Code (CMC), Part 4, T-24 CCR
2022 Cal. Plumbing Code (CPC), Part 5, T-24 CCR
2022 Cal. Energy Code, Part 6, T-24 CCR
2022 Cal. Fire Code (FCF), Part 9, T-24 CCR
2022 Cal. Green Building Standards Code, Part 11, Title 24 CCR
2022 Cal. Referenced Standards Code, Part 12, Title 24 CCR, including ACC
California building code amendments
Title 19 CCR Public Safety State, Fire Marshal Regulations
2007 ASME A17.1 (w/ A17.1a/CSA B44a-08 Addenda)
Including all Safety Code for Elevators and Escalators
2010 ADA Standard for ACC design
NFPA 13 Standard for installation of Sprinkler System (CA amended) 2016 Ed
NFPA 14 Standard for installation of Standpipe and Hose System 2013 Edition
NFPA 17 Standard for Dry Chemical Extinguishing Systems, 2013 Edition
NFPA 17A Standard for Wet Chemical Extinguishing Systems, 2013 Ed.
NFPA 20 Standard for installation of Stationary Pumps, 2013 Ed
NFPA 22 Standard for Water tank of Private Fire Protection 2013 Edition
NFPA 24 Standard for installation of Private Fire Service Mains and Their Appurtenance 2016 Edition
NFPA 72 National Fire Alarm and Signaling Code (CA AMDT), 2016 Edition.
NFPA 80 Standard for Fire Doors and Other Opening Protectives, 2016 Edition.
NFPA 2001 Standard on Clean Agent Fire Extinguishing Systems 2015 Edition.
UL 300 Standard for Fire Testing of Fire Extinguishing Systems for Protection of Commercial Cooking Equipment 2005 (R2010)
UL 464 Audible Signaling Devices for Fire Alarm and Signaling Systems, Including Accessories 2003 Edition
UL 521 Standard for Heat Detectors for Fire Protective Signaling Systems 1999 Edition
UL 1971 Standard for Signaling Devices for Hearing impaired 2002 Edition
ICC 300 Standard for Bleachers, Folding and Telescopic Seating, and Grandstands 2012 Edition
For a complete list of applicable NFPA standards refer to 2016 CBC (SFM) Chapter 35 and California Fire Code Chapter 80.
See California Building Code, Chapter 35, for State of California amendments to the NFPA Standards.

California Title 24
The intent of these drawings and specifications is that the work of the improvements are to be in accordance with Title 24, CCR. Should any existing conditions such as deterioration or non-complying construction be discovered which is not covered by the contract documents wherein the finished work will not comply with Title 24, CCR, notify the Architect and District before proceeding with the work.

Changes
Work shall be executed strictly in accordance with approved plans, addenda, and change orders.

Site Examination
The Contractor shall thoroughly examine the site and satisfy himself as to the conditions under which the Work is to be performed. The Contractor shall verify at the site all measurements and conditions affecting his work and shall be responsible for same unless brought to the attention of the Owner or his agent prior to proceeding with the Work. Commencement of work by Contractor or any Subcontractor shall indicate a knowledge and acceptance of all conditions described in the Documents or existing on site which could affect their work.

Moisture Proof Interior Spaces
It is the intent of these Documents to provide for the construction of a moisture proof enclosure of interior space. If the Owner, Contractor or any Sub-contractors become aware of any assembly or condition, either shown in the Drawings or constructed on-site, which does not, in their opinion, satisfy this intent, it is their responsibility to notify the Architect within a reasonable amount of time so that the condition or assembly can be reviewed, and, if necessary, modifications can be made to the Documents or to the Work without impacting the progress.

Moisture Protection During Construction
Should any special situations or climatic conditions occur during construction the Owner, Contractor and Sub-contractors shall so notice and implement any measures required to assure the protection of materials and assemblies. The Contractor shall take all necessary measures to protect new or existing construction and materials from damage due to weather or any other adverse conditions.

Use of Site
Work shall occur while portions of the site are occupied by the Tenant. Contractor is fully responsible for site safety and control of public access near work zones. Roadways shall be maintained clear of construction equipment or materials at all times. Existing landscaping shall be protected as required to prevent any damage to plants and trees unless specified for removal in plans or by Owner.

Americans with Disabilities Act
It is the intent of these Documents to meet guidelines for accessibility to this public place of accommodation, by individuals with disabilities. These guidelines have been applied during design and shall be applied during construction.

If the Owner, Contractor or any Subcontractors become aware of any assembly or condition, either shown in the Drawings or constructed on-site, which does not, in their opinion, satisfy this intent or meet industry standards for construction quality, it is their responsibility to notify the Architect within a reasonable amount of time so that the condition or assembly can be reviewed, and, if necessary, modifications can be made to the Documents or to the Work without impacting the progress.

This project site is occupied. All construction activities shall be contained within fenced or barricaded areas in accordance with project specification and schedule requirements. Certain construction activities that generate disruptive noise, odors, dust, and debris must be scheduled when building is not occupied.

All work shown, noted, or detailed is new, except where indicated as existing or as existing to remain.

Contractor shall field verify all dimensions and existing conditions at the site and shall report any discrepancies in writing to the Architect by the means of a Request for Information (RFI) or as part of the applicable shop drawings or submittals.

Specific items noted to be verified or field verified are required to be verified prior to ordering materials or proceeding with the work.

Contractor is responsible for all incidental work necessary to complete the installation of new work. This includes, but is not limited to, the removal and/or reinstallation of all existing items, or portions of the existing construction whether shown or not.

Underground locating service (811 Dig) responsibility of the contractor prior to excavation work.

Refer to Specifications for additional requirements.

For Abatement Work, refer to Specifications and Hazardous Materials Report.

Use of Documents
No guarantee for quality of construction is implied or intended by these Documents. The Contractor shall assume full responsibility for any construction deficiencies.

All Contract Documents described in the Construction Contract shall be considered one document and are intended to be used as one document. Contractor and all sub-contractors shall review all documents prior to bidding. Sub-contractors are responsible for any information pertaining to their work no matter where it may occur in these Documents.

Dimension Control
All dimensions and conditions shall be checked and verified, both in the Documents and on the job, by Contractor and each Sub-contractor before proceeding with the work. Any errors, omissions, discrepancies or deficiencies shall be brought to the attention of the General Contractor prior to proceeding with the Work. All dimensions take precedent over scale. Where dimensions are not entirely clear the Contractor shall notify the Architect and request clarification.

All dimensions given take precedence over scale. Contractor shall not scale drawings to determine dimensions without consulting the Architect. Contractor shall review all dimensions for accuracy prior to construction.

Dimensions given as "CLR" are to face of finish. Otherwise, all dimensions are to face of stud/structure unless otherwise noted.

Repeating items or assemblies may not be noted or dimensioned at all occurrences where repetition is obvious or noted as typical.

DRAWINGS SHALL NOT BE SCALED
V.I.F ALL (E) DIMENSIONS

Project Scope

General

- This summary is an integral part of the project scope and contractor's responsibility. The scope is described in the project documents. Any items listed here that may not be in other areas of project documents is still a required part of any project bids/proposals.
- If any questions arise during bid period as to these requirements, contractor shall contact City for clarification.
- Ensure construction operations in this project do not inhibit the continuous operation in other areas of the sites of all voltage systems including but not limited to: Fire Alarm, Energy Management, Security, Access, and Data. Contractor is responsible for all means and methods to ensure this requirement is met. Change orders for logistical operations related to continuous operation of these components will not be entertained.

Project Summary
Roof rehabilitation of The Foster City Police Station. The entire roof will be prepped then rehabilitated with a liquid applied roofing system. The liquid applied roofing system consist of a polyurethane elastomeric two-coat system formulated for application over prepared existing roof substrate. The liquid applied roofing system top coat has white color with a solar reflectance index, ASTM E1980 not less than 103. See technical specifications for more information.

Roofing Systems
Contractors shall be qualified and approved by manufacturers as necessary to provide warranties listed in project specifications for the following systems and relevant manufacturers

- Liquid Applied Roofing Rehabilitation. (LAR) (Tremco as listed or approved equivalents)

Location: Police Station: 1030 E Hillsdale Blvd. Foster City, CA 94404

- Completely power wash existing roofs
- Rehabilitate existing roof with Tremco (mfr) or equivalent LAR system
- Install as required by manufacturer to extend warranty
- Remove and replace all existing joint sealants at parapets and related counter flashings
- Re-flash bases of all parapet bracings and pipe penetrations
- Install Solar tube daylighting devices above the dispatch room. Including modifications as necessary at interior ceilings
- Fabricate and install new prefinished sheet metal extension of hoods at ganged pipe penetrations through the roof
- Provide and install new walk pads

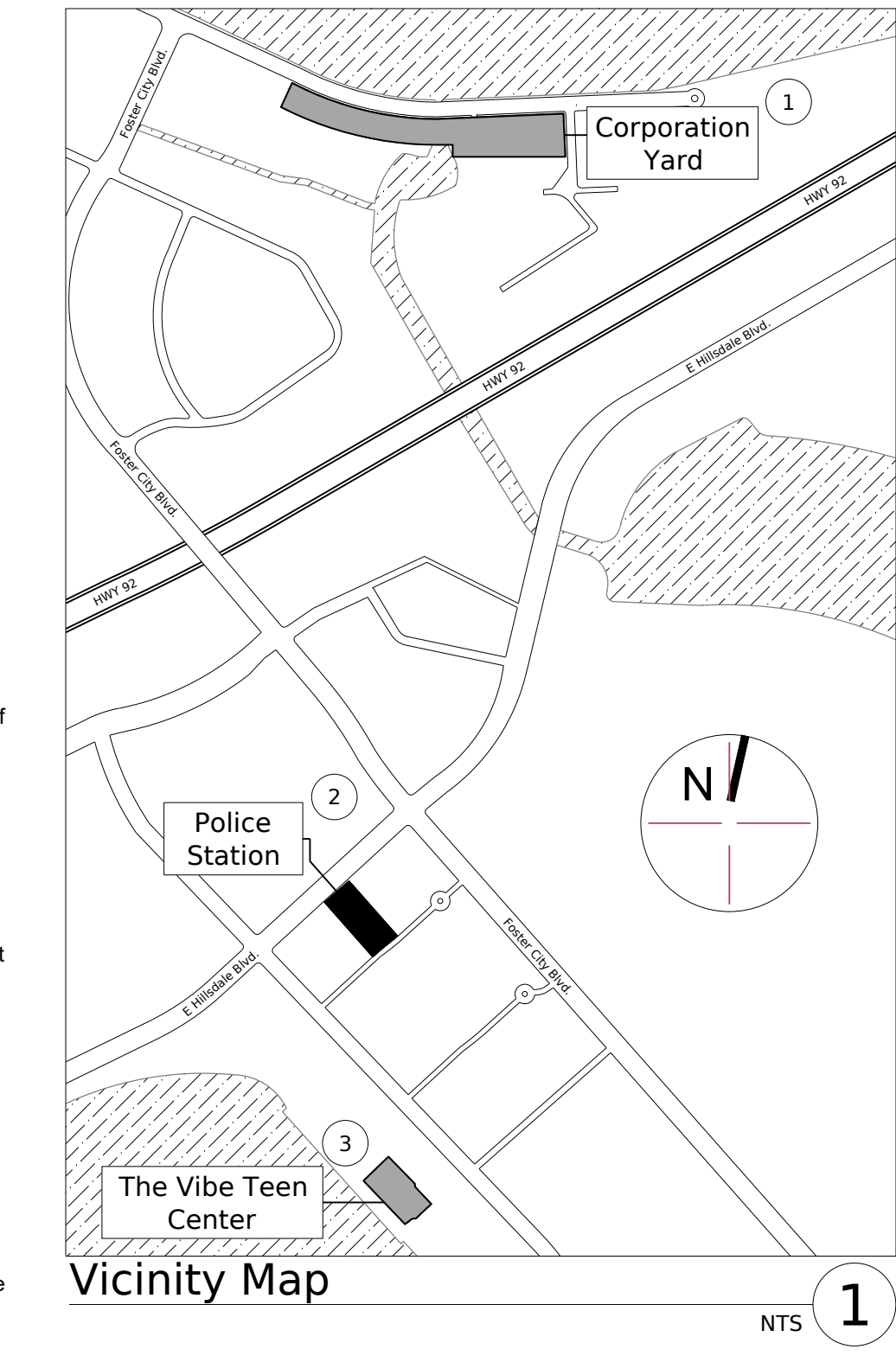
Project Directory

City
City of Foster City
610 Foster City Blvd.
Foster City, CA 94404

Architect
Bartos Architecture
300 8th Ave, Suite 202
San Mateo, CA 94401
(650) 340-1221
Hazardous Material Consultant
HazmatDOC
3080 Olcott Street, Suite# D135
Santa Clara, CA 95054
(408) 748-0055

Drawing Index

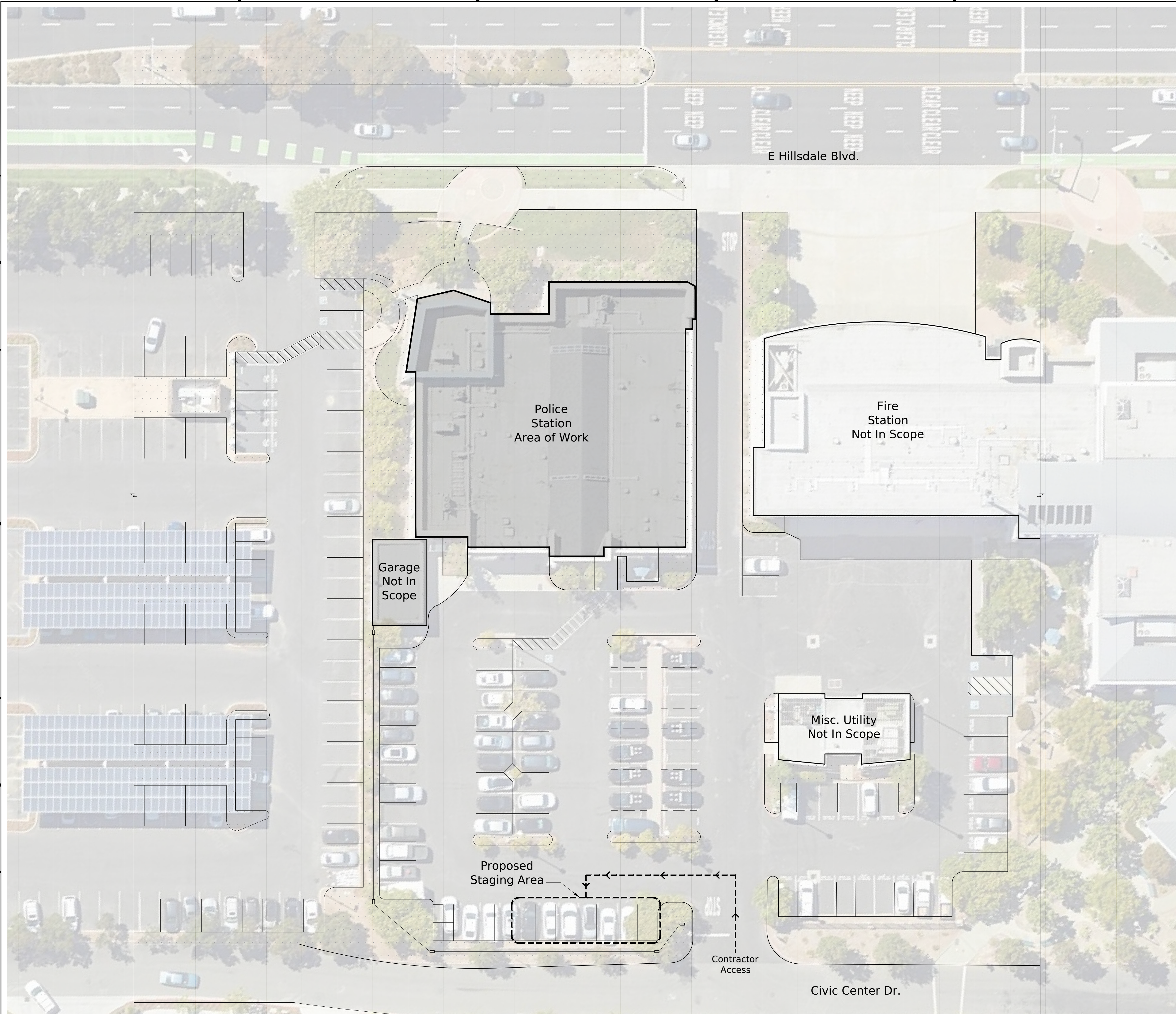
- Architectural**
- A2.0 Title Sheet and Drawing Index
 - A2.1 Site Plan
 - A2.2 Police Station Roof Plan
 - A2.3 Liquid Applied Roofing Details



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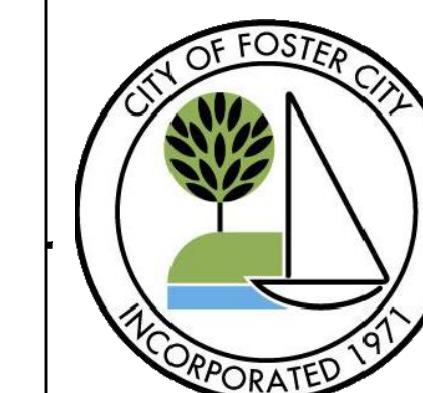
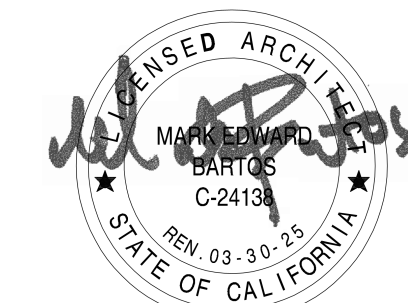
City of Foster City
Police Station
1030 E Hillsdale Blvd, Foster City, CA 94404

Roof Replacements at City Buildings



Sheet Notes

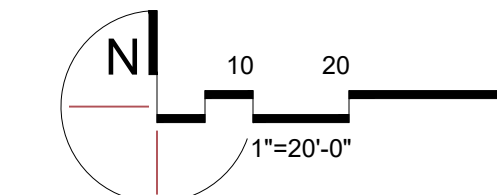
- 1 Actual staging area to be finalized in consultation with Architect and City representatives prior to start of construction. Place all debris boxes within temporary fenced area.
- 2 Temporary Fencing must be erected at staging area.
- 3 Contractor staging area may not block public right of way.

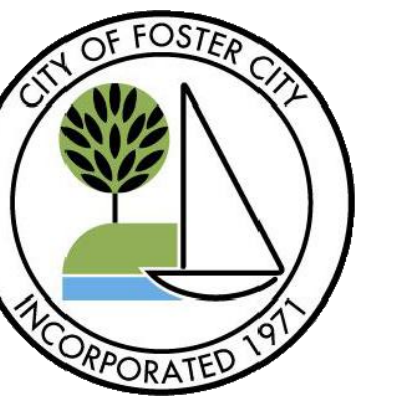
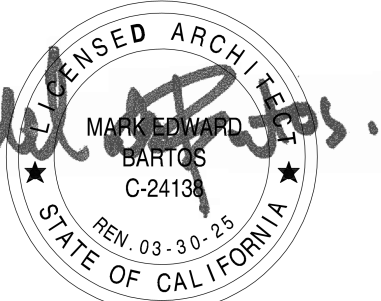


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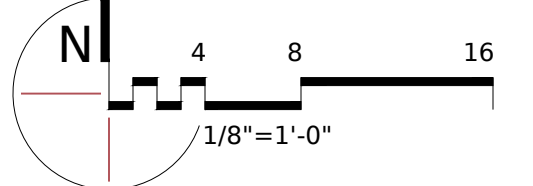




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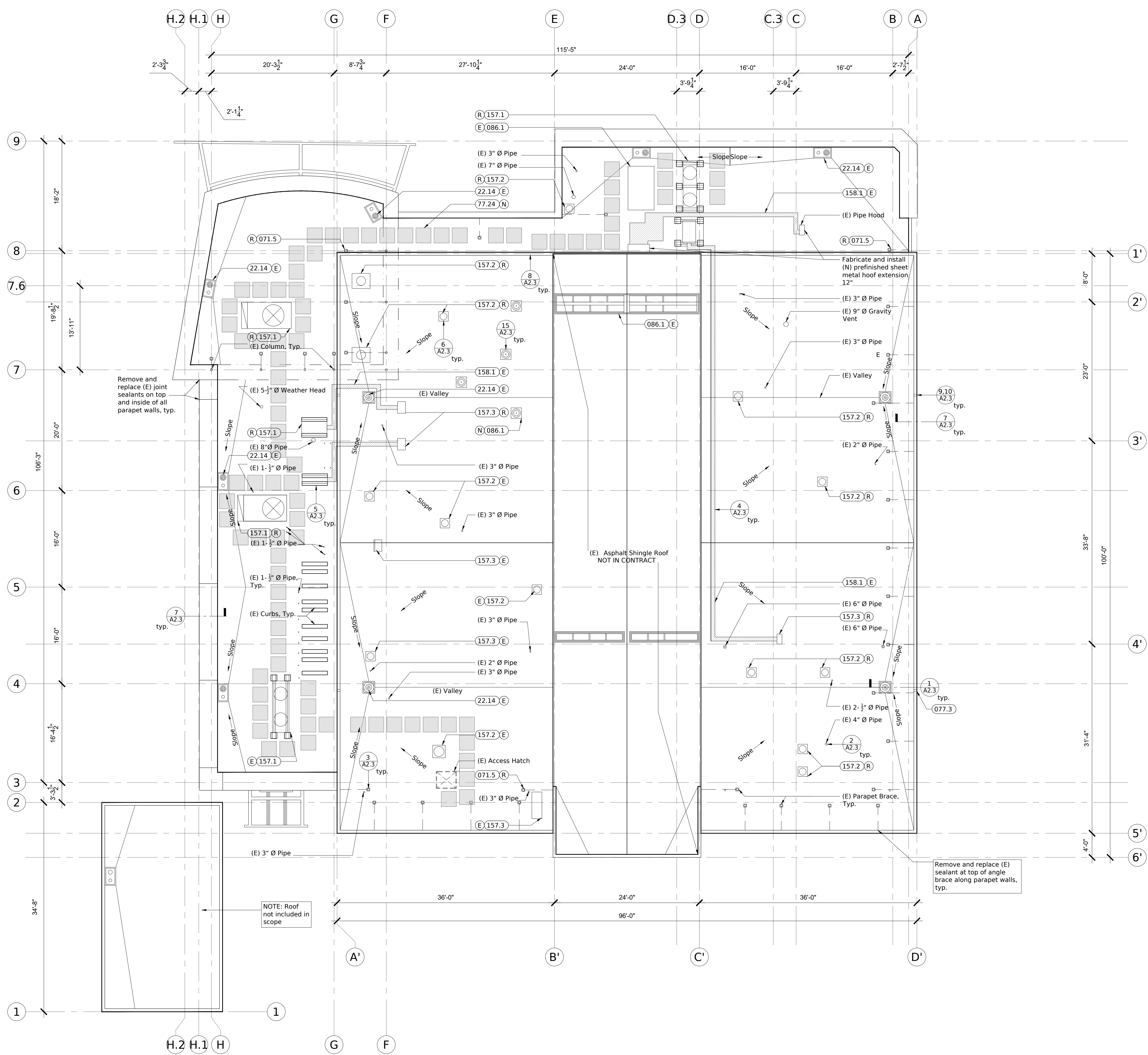


Sheet Notes

- The Police Station roof is being rehabilitated with a LAR system. The basis of Design: The roof system specified in this Section is based upon products of Tremco CPG Inc. Beachwood, OH, (800) 562-2728, www.tremcroofing.com that are named in other Part 2 articles (Local Rep: Dan Lajeunesse 408-910-2083). Roofing system exterior fire-test exposure performance following application of rehabilitation coating shall be not be less than that of the pre-rehabilitated roof performance when tested in accordance with ASTM E108, based upon manufacturer's tests of identical applications.
- All dimensions given take precedence over scale. Contractor shall not scale drawing to determine dimensions without consulting the Architect. Contractor shall review all dimensions for accuracy prior to construction.
- Dimensions given as "CLR" are to face of finish. All other dimensions are to face of stud/structure unless otherwise noted.
- Repeating items or assemblies may not be noted or dimensioned at all occurrences where repetition is obvious.
- Not all demolition and patching is shown on drawings. Contractor to verify actual field conditions for full extent of demolition and patching.
- Contractor shall remove and replace all flashings. Flashing shall be added to provide adequate water tight assemblies through entire roof areas.
- Slope of rehabilitated roof areas shall not allow for ponding. If ponding exists, add insulation or underlayment to properly pitch and remove ponding.
- Patch exterior wall finish if damaged during construction.
- Provide new flashing and sealant at all new and existing equipment in addition to all pipe and vent penetrations.
- Completely power wash existing roof and clear of any debris.
- The entirety of the roof will be rehabilitated with TREMCO LAR or approved equivalent to manufacturer standards. See specifications for details.
- Consult city before removing any 1 piece flashing, 2 piece flashing will be marked as remove and replace with LAR applied underneath.
- Any compromised lead pipe flashing is to be abated to hazmat specs and replaced.
- All mechanical equipment removal should be coordinated with the city for safe storage.
- Any conduit or piping that is not able to move must be protected in place.
- Existing pipe hoods will be extended an additional 12" to match existing. This will be fabricated on site.

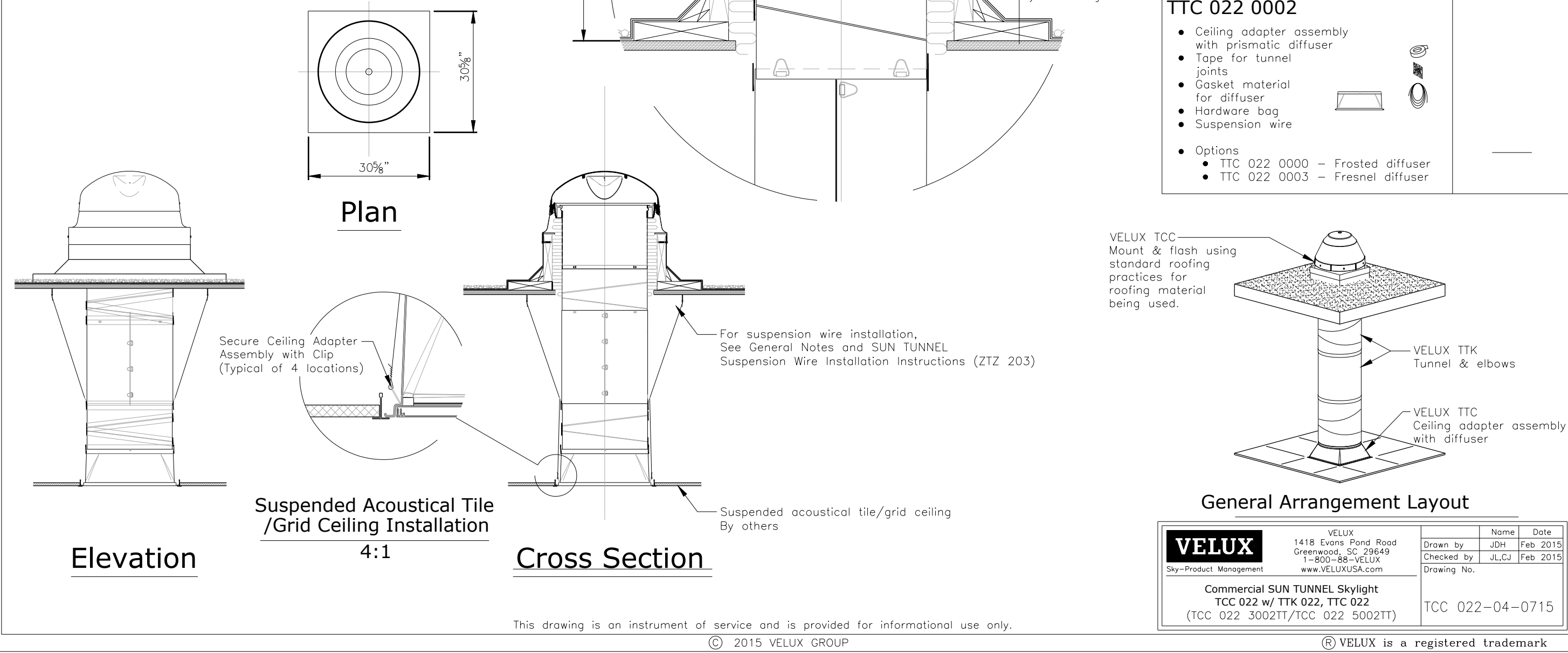
Keynotes

- Keynotes are arranged by CSI section. Refer to Specifications for additional information.
- (E) Existing, Protect in Place
 - (R) Demolish and Remove
 - (D) Remove and Replace
- 07 Thermal and Moisture Protection**
- 07.01.10 Membrane Roof Patching
 - 07.1.24 Fluid-Applied Roofing Membrane Coating
 - 07.01.34 Fluid-Applied Flashing
 - 07.1.5 Parapet Wall Brace Flashing Collar
 - 07.1.5 Parapet Wall Brace Flashing Collar
 - 07.7.1 Gravel Stops and Fascia
 - 07.7.2 Gutter and Downspout
 - 07.7.24 Roof Walkpads
 - 07.7.3 Scupper
- 08 Openings**
- 086.1 Tubular Unit Skylight Penetration
 - 086.4 Penetration
- 09 Finishes**
- 090.1 Existing Finish
 - 092.2 Existing Plaster
 - 099.1 Paint (Match Existing)
- 15 Mechanical / Plumbing**
- 157.1 HV/HVAC Unit
 - 157.2 Exhaust Fan
 - 157.3 Gravity Vent
 - 158.1 HVAC Ductwork

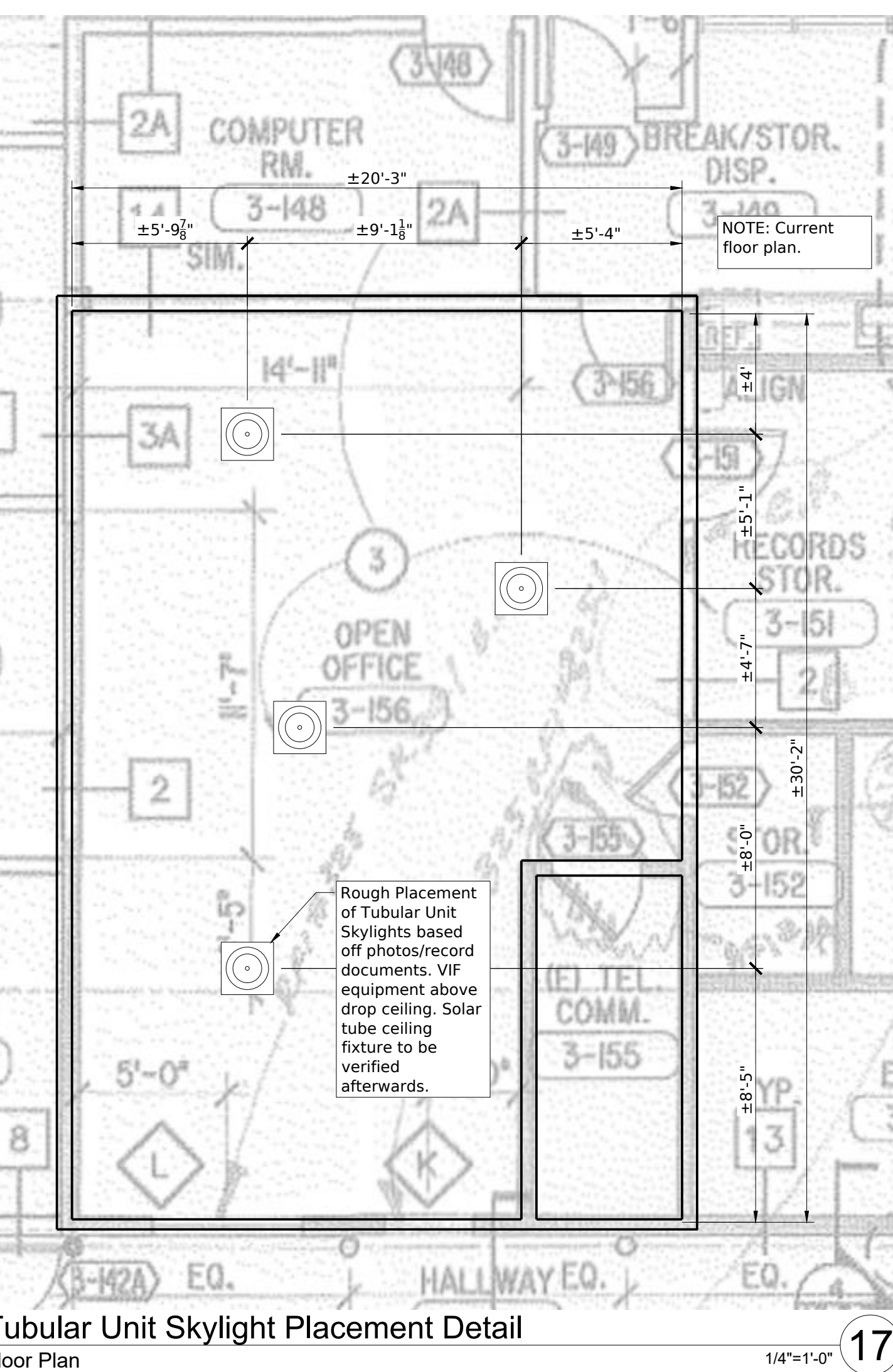


General Notes

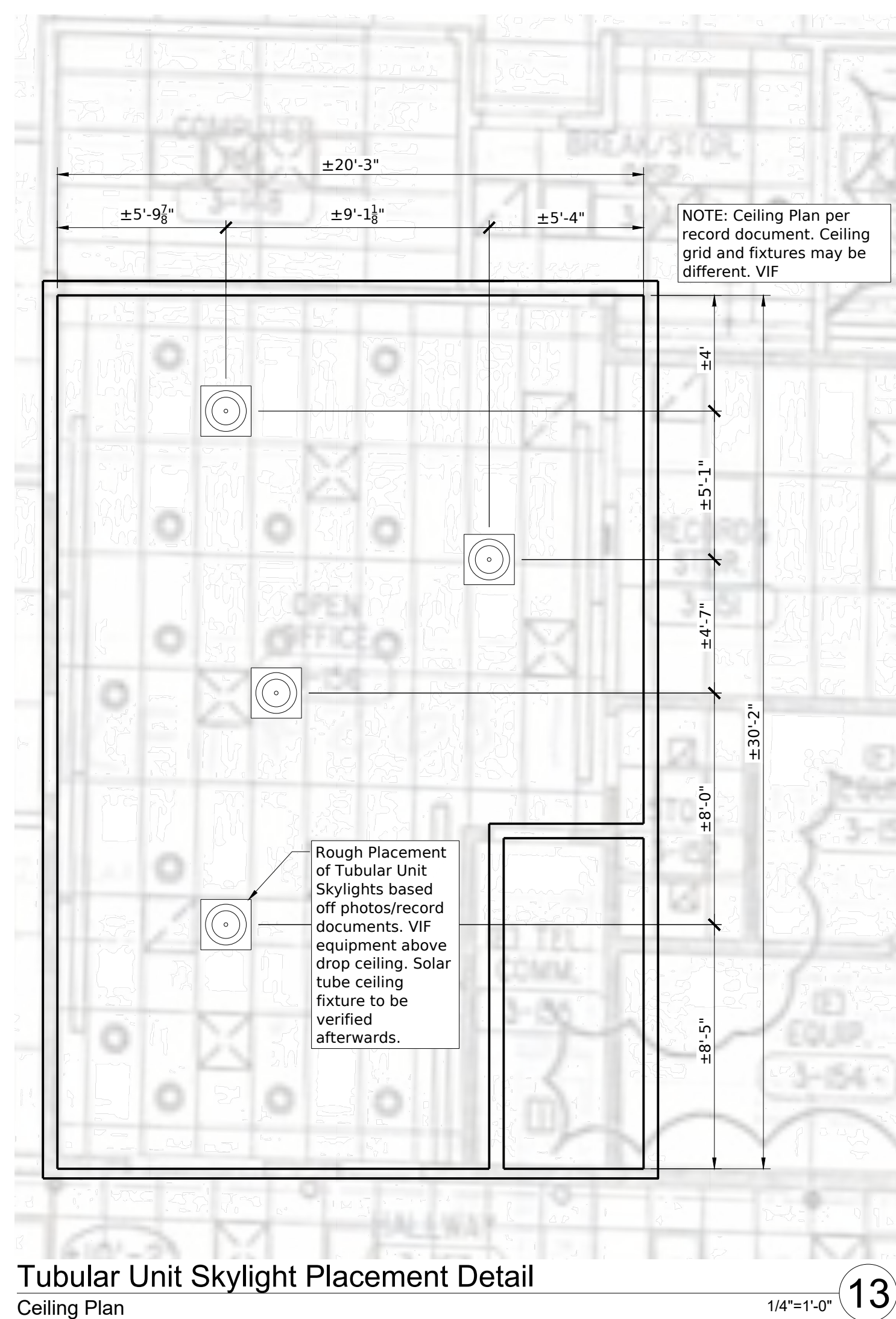
- This drawing emphasizes the TCC curb flashed VELUX SUN TUNNEL Skylight. It illustrates a general arrangement layout (plus recommendations) for a VELUX TCC installation in a 0-60 degree roof pitch application utilizing either a suspended acoustical tile or grid ceiling installation.
- The architectural/structural design and specifications for the inclusion of a tubular daylighting device, such as the VELUX TCC, in any roofing/ceiling application is determined and provided by others. The design criteria includes, but is not limited to design loads, structural configurations, structural framing member sizes and material, architectural finishes and integration with the roofing/ceiling systems of the building. VELUX assumes no responsibility or liability in the design, construction and performance of a building structure by others.
- Secure eye screws/bolts to the roofing structure and attach suspension wire to connect to clips at end of tunnel section.
- Secure suspension wires to the ceiling adaptor assembly & eyebolts.
- Dimensions shown are nominal, unless indicated otherwise.
- Product specific dimensions are referenced in the TCC Product Data Sheet documentation.
- The minimum commercial roof opening for tunnel installation is 22"x22" for straight tunnels. Some tunnel configurations may require a larger opening, not to exceed 26 1/2"x26 1/2".



Tubular Unit Skylight Detail

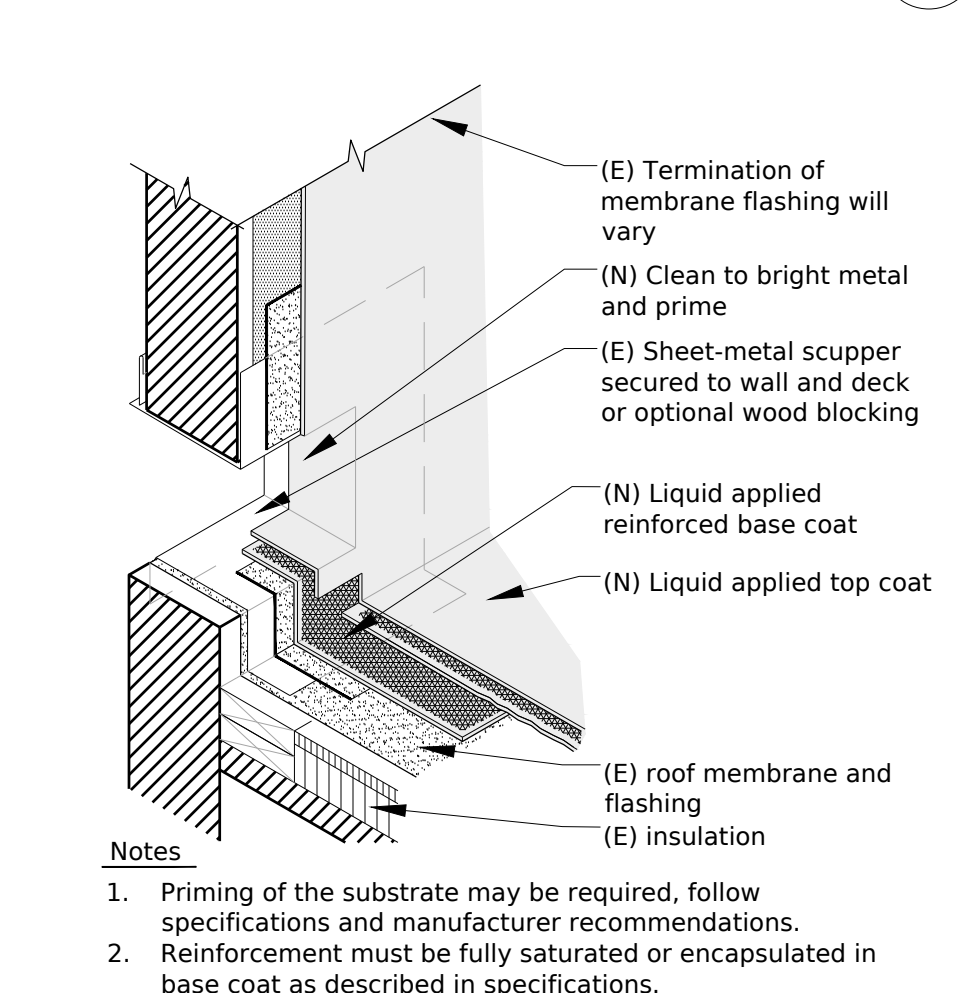


Tubular Unit Skylight Placement Detail Floor Plan

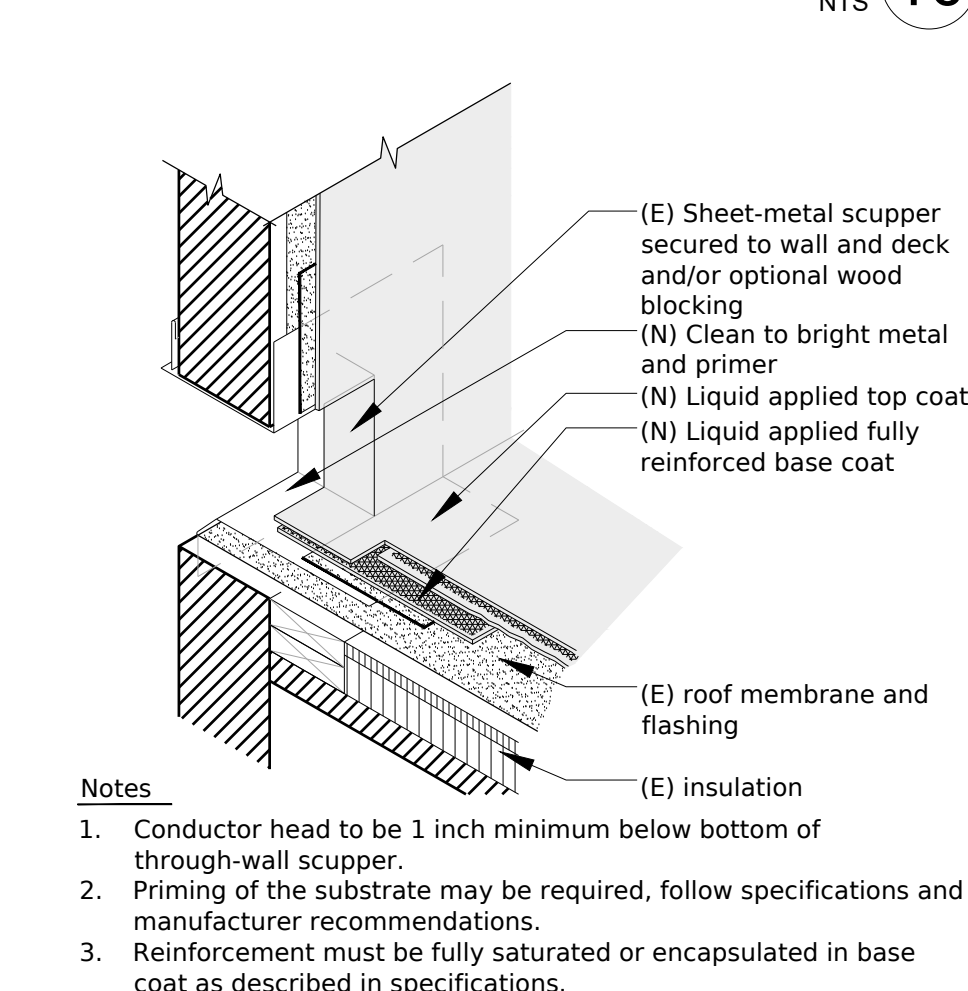


Tubular Unit Skylight Placement Detail Ceiling Plan

Embedded Edge Metal Flashing

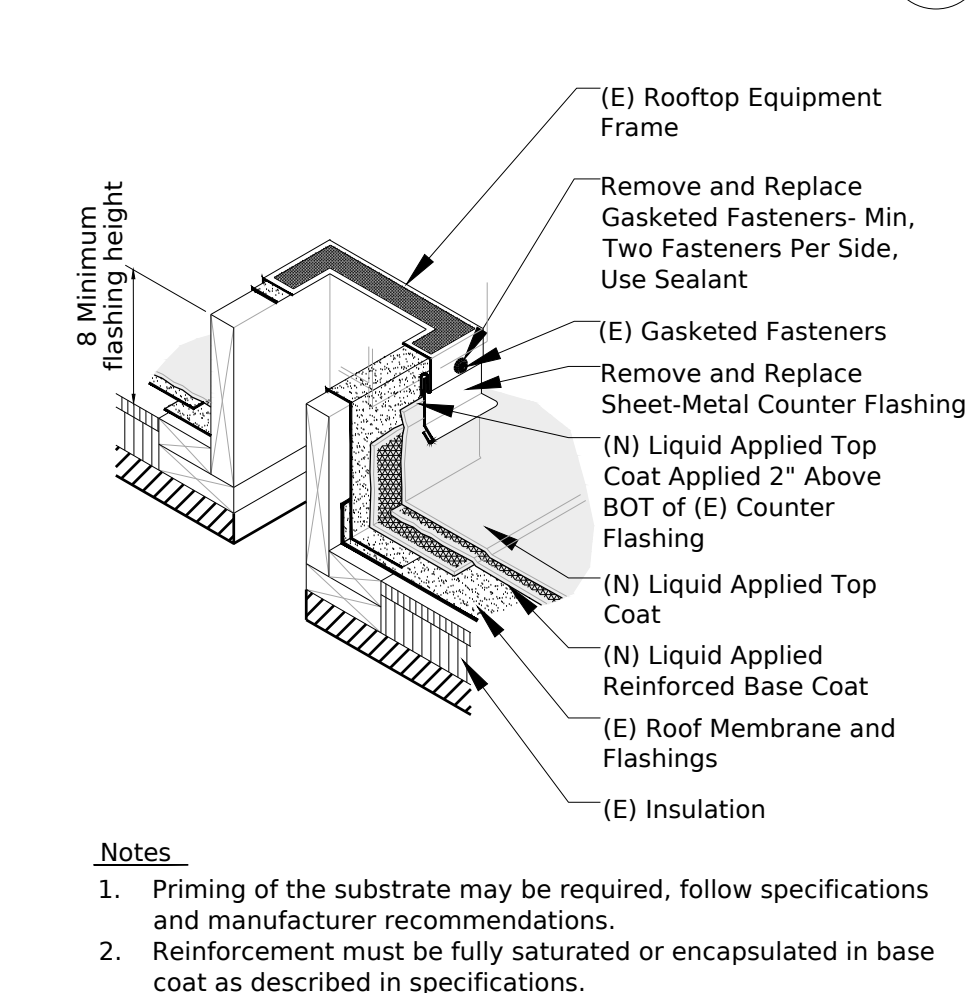


Flashing at Overflow Scupper

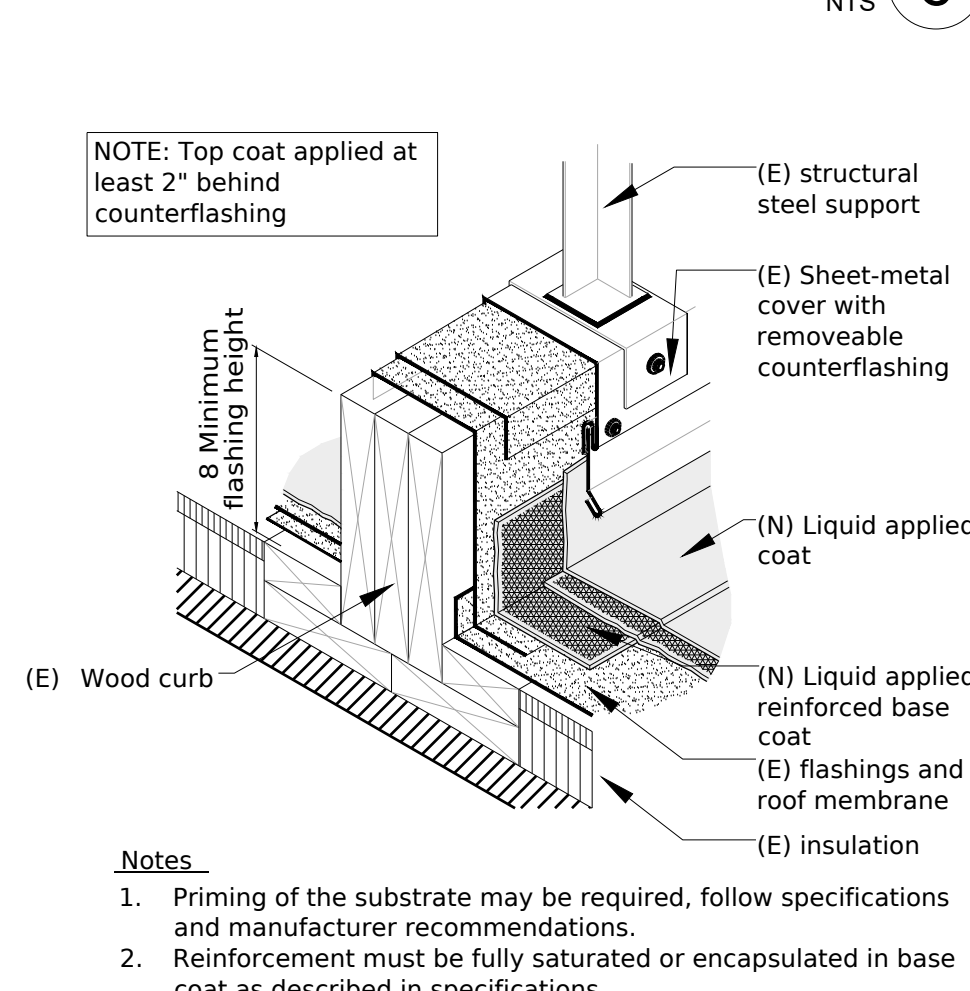


Through-Wall Scupper

2 Piece Metal Counterflashing

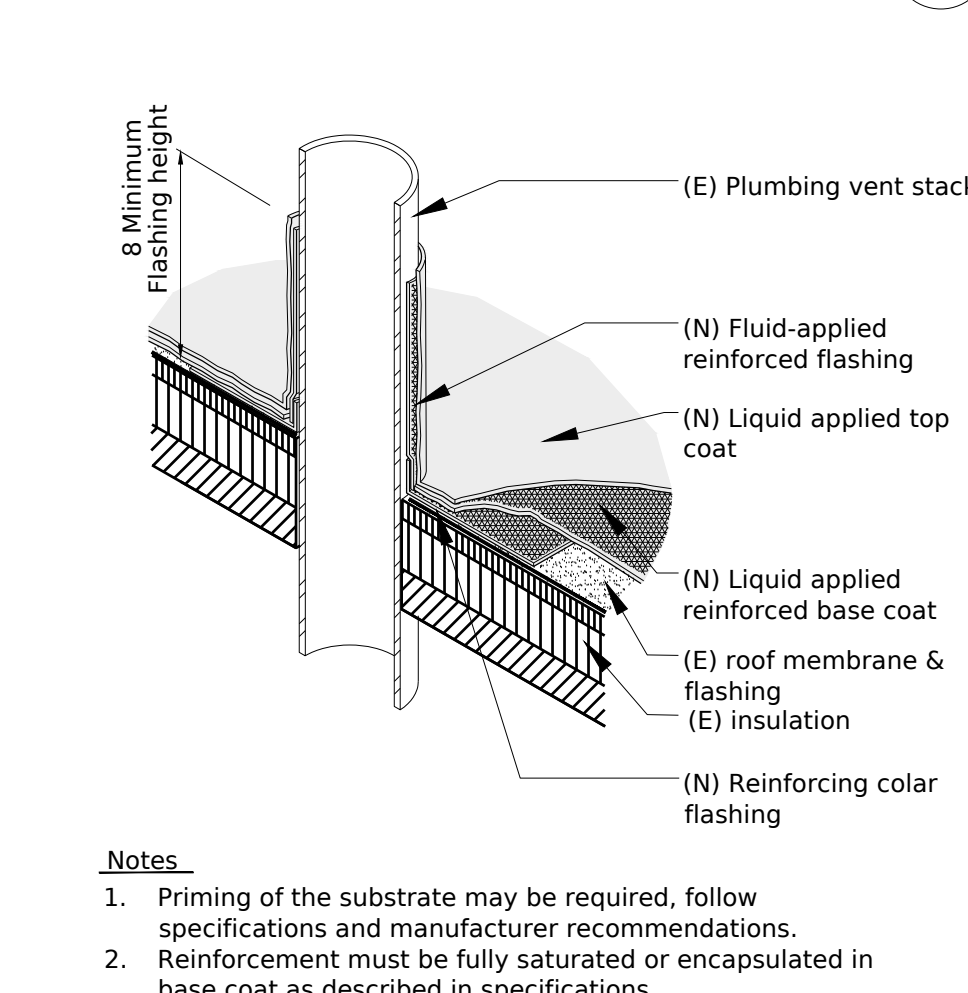


Base Flashing at Wood Curb

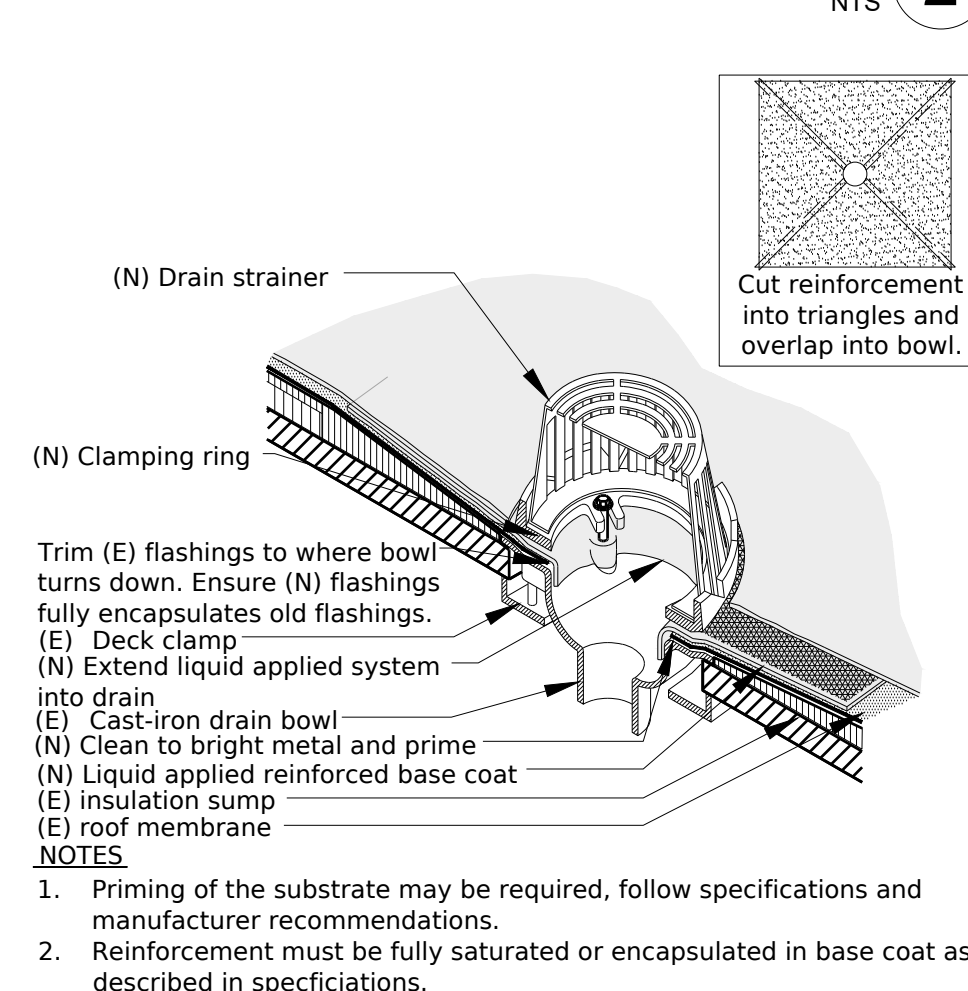


Lightweight Equipment Support Curb

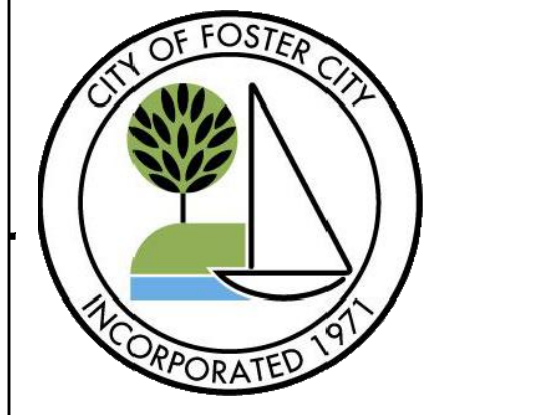
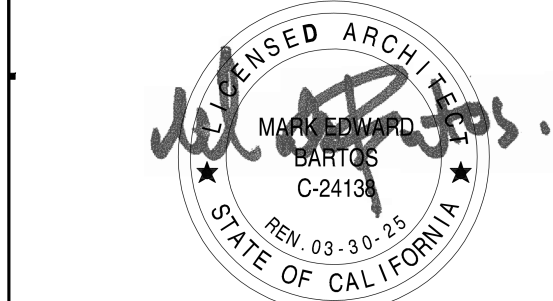
Support Leg Parapet Wall Brace



Plumbing Vent or Pipe Penetration



Roof Drain



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