

Abbreviations

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

General Notes

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

- 2016 Cal. Building Code (CBC), Part 2, Title 24 CCR (2015 IBC, Volumes 1-2 & 2016 CA Amendments)
- 2016 Cal. Electrical Code (CEC), Part 3, T-24 CCR (2014 NEC & 2016 CA AMDT)
- 2016 Cal. Mechanical Code (CMC), Part 4, T-24 CCR (2015 UMC & 2016 CA AMDT)
- 2016 Cal. Plumbing Code (CPC), Part 5, T-24 CCR (2015 UPC & 2016 CA AMDT)
- 2016 Cal. Energy Code (CEC), Part 6, T-24 CCR
- 2016 Cal. Fire Code (CFC), Part 9, T-24 CCR (2015 IFC & 2016 CA AMDT)
- 2016 Cal. Green Building Standards Code, Part 11, Title 24 CCR
- 2016 Cal. Referenced Standards Code, Part 12, Title 24 CCR
- Title 19 CCR Public Safety State, Fire Marshal Regulations
- 2007 ASME A17.1 (w/ A17.1a/CSA B44-08 Addenda)
- Safety Code for Elevators and Escalators
- Manual of Steel Construction, 13th Edition
- 2005 Revised National Design Specification for Wood Construction
- ACI-318-08 Code & Commentary
- NFPA 13 Automatic Sprinkler System (CA AMDT), 2016 Ed.
- NFPA 14 Standpipe Systems (CA AMDT), 2013 Ed.
- NFPA 17 Dry Chemical Extinguishing Systems, 2013 Ed.
- NFPA 17A Wet Chemical Systems, 2013 Ed.
- NFPA 20 Stationary Pumps, 2016 Ed.
- NFPA 24 Private Fire Service Mains (CA AMDT), 2016 Ed.
- NFPA 72 National Fire Alarm Code (CA AMDT), 2016 Ed.
- NFPA 80 Fire Doors and Other Opening Protectives, 2016 Ed.
- NFPA 92 Standard for Smoke Control Systems, 2015 Ed.
- NFPA 2001 Clean Agent Fire Extinguishing Systems, 2015 Ed.
- ADAAG: Americans with Disabilities Act Accessibility Guidelines
- 2010 ADA Standards for Accessible Design

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 to the extent required by CBC and Federal agencies under the Americans with Disabilities Acts of 1990. 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.

Legend & Symbols

North Arrow/Graphic Scale
direction of plan north

Graphic scale
1/8"=1'

Sheet Drawing Scale

Building Elevation Reference
Triangle indicates view direction

Building Section Reference
Section identification
Sheet reference, triangle indicates view direction

Wall Section Reference
Section identification
Sheet reference, triangle indicates view direction

Detail Call-Out
Section identification
Sheet reference
Cut line indicates view direction

Detail Call-Out
Section identification
Sheet reference
Indicated area

Match Line

Elevation/Control Point
Control point, work point, or datum point

Keynote Number

Room Identification
Room name
Room number
Ceiling height within room

Dimension
Dimension are from face of stud to face of stud. UNO

Face of Finish

Fire Extinguisher (2A10BC)
Cabinet mounted, handle max 4'-0" a.f.f. refer interior elevations. City to provide extinguisher, contractor to provide blk'g & installation

Wall mounted, handle max 4'-0" a.f.f. refer interior elevations. City to provide extinguisher, contractor to provide blk'g & installation

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.

Use of Documents (As Applicable)

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.

DRAWINGS SHALL NOT BE SCALED

General Sheet Notes

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 other wise noted.

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

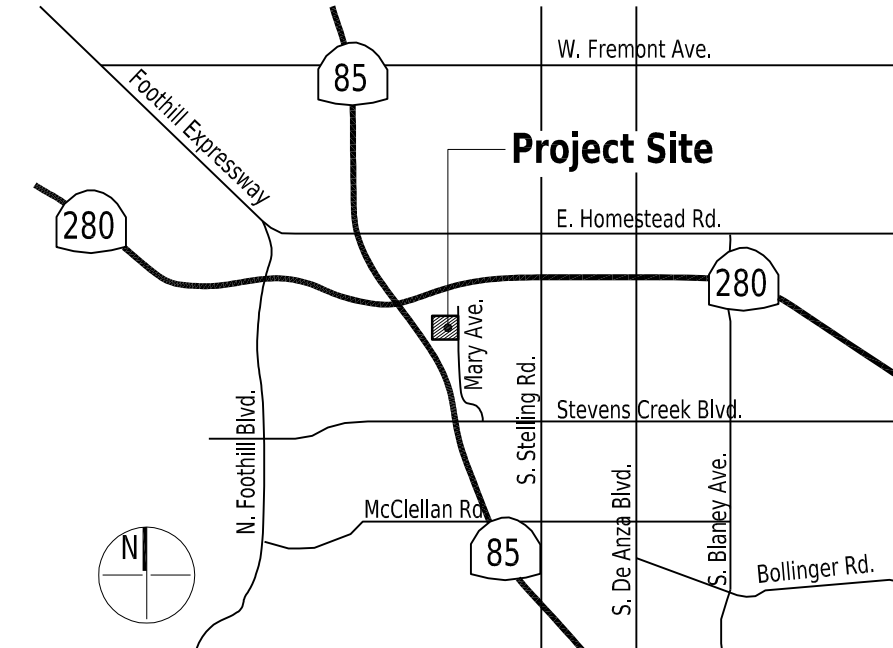
Refer to Demolition Plan for items to remain, items to be salvaged and/or relocated. Unless indicated elsewhere.

Refer to Exterior Elevations for locations of all downspouts, fixtures, and accessories. Unless indicated elsewhere.

Electrical switches and receptacle outlets (including phone/ data) to be located 48" max to top of device and 15" min to bottom of device UON.

Refer to Specifications for additional requirements.

Vicinity Map



Project Directory

Owner City of Cupertino 10300 Torre Avenue Cupertino, California 95124 (408) 371-0960	Architect Bartos Architecture 1730 S. Amplett Blvd., Suite 225 San Mateo, California 94402 (650) 340-1221
Structural Engineer Rinne & Peterson 1121 San Antonio Road, Suite C200 Palo Alto, California 94303 (650) 428-2860	Civil Engineer Underwood and Rosenblum, Inc. 1630 Oakland Road, Suite A114 San Jose, California 95131 (408) 453-1222
Electrical Engineer American Consulting Engineers Electrical, Inc. 100 Saratoga Avenue, Suite 200 Santa Clara, California 95051 (408) 236-2312 Reviewed by:	

Alex Aenas 01-10-2018
Alex Aenas, AIA Date
Public Works Project Manager

Approved by: *Timm Borden* 01-10-2018
Timm Borden, RCE#45512 Date
Director of Public Works

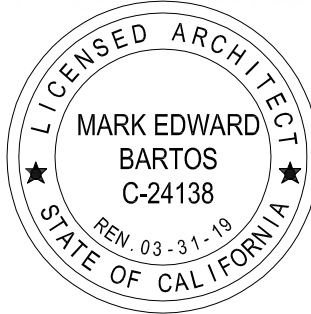
Project Scope

This is an improvement project. It is a replacement of an existing materials storage shed. The square footage of the new materials shed roof plan is 6,270 sq. ft. which exempts this project from needing fire sprinklers.

- The following items are included in the scope of work. Not all scope items are listed here. Refer to all other components of the construction documents for additional scope.
- If contractor does not intend to provide any of these items, contractor should not submit a bid on this project. If any questions arise during bid period as to these requirements, contractor shall contact the City of Cupertino for clarification.
- Contractor shall ensure that construction operations in this project do not inhibit the continuous operation in other areas of the site of all low 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.
- Contractor to provide 'As-built' DATA / Electrical drawings of all existing conditions and their connections prior to the start of any demolition or construction.
- Complete demolition & removal of all components of the existing materials shed to accomplish & complete the work.
- New concrete slabs and walls.
- New asphalt paving.
- New metal framing.
- New electrical and lighting.
- New hose bib.

Drawing Index

Architectural	
A0.0	Title Sheet and Drawing Index
A1.0	Overall Site/ Roof Plan
A1.1	Demolition Site Plan
A1.2	Paving Plan
A2.0	Floor Plan & Reflected Ceiling Plan
A3.0	Exterior Elevations
A4.0	Sections
A5.0	Details
Structural	
S0.1	General Notes
S0.2	General Notes
S0.3	General Notes
S2.1	Roof Framing and Foundation Plans
S5.1	Concrete Details
S5.2	Concrete Details
S7.1	Metal Deck and Steel Details
S7.2	Steel Details
Electrical	
E0.1	Electrical Cover Page
E1.1	Electrical Demolition Site Plan
E1.2	Electrical Site Plan
E2.1	Electrical Floor Plan
E3.1	Single Line Diagram and Panel Schedule
E4.1	Electrical Details
Civil	
C-1	Topographic Survey
C-2	Grading, Paving, & Storm Drain Plan



City of Cupertino

Service Center Shed
No. 3 Improvement Project

Project No. 2017-08
Cupertino, California



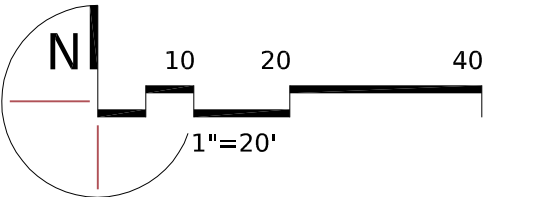
Cupertino Public Works
10555 Mary Avenue
Cupertino, CA 95014

City of
Cupertino
Shed

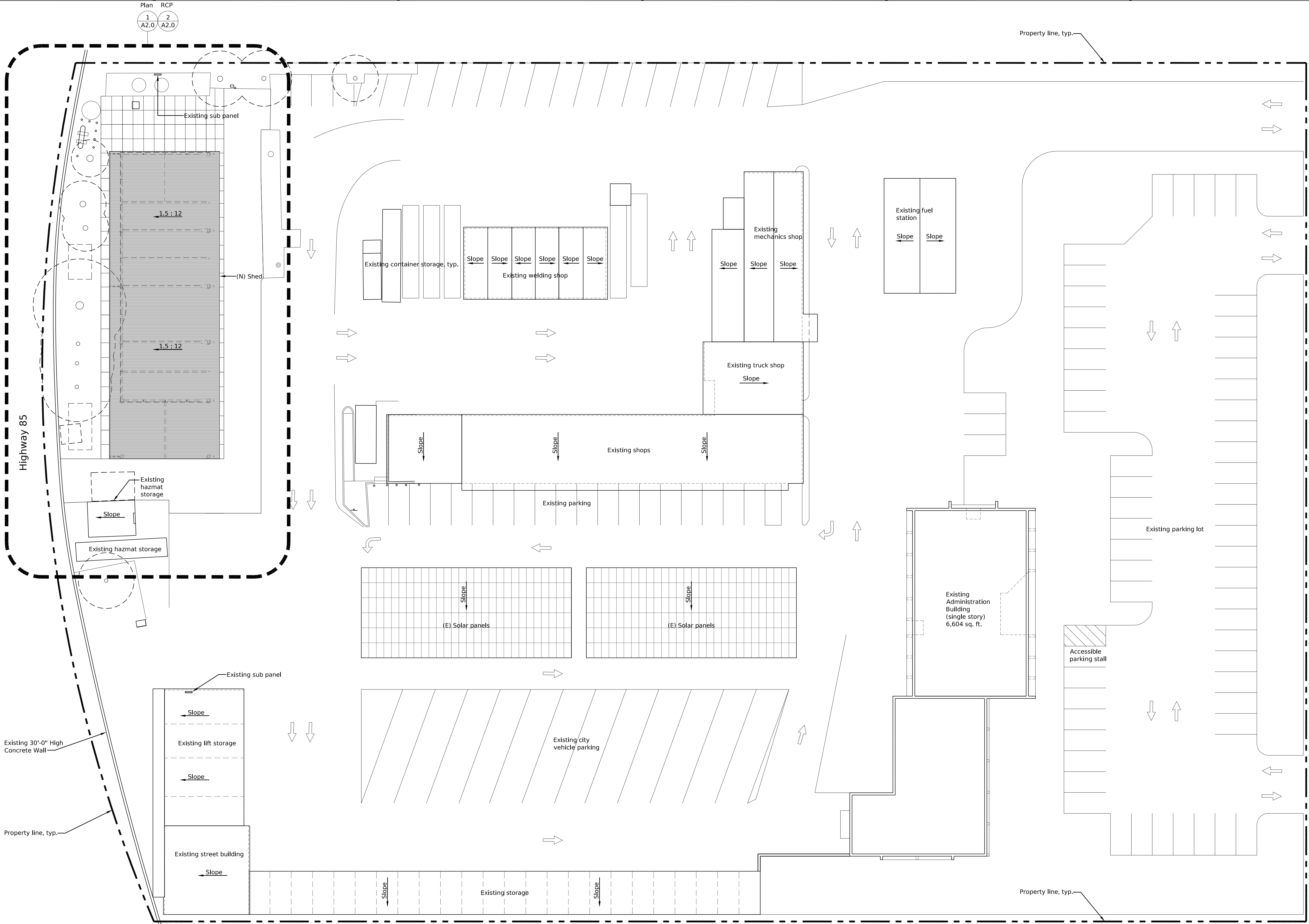
REVISION	DATE
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Mary Avenue

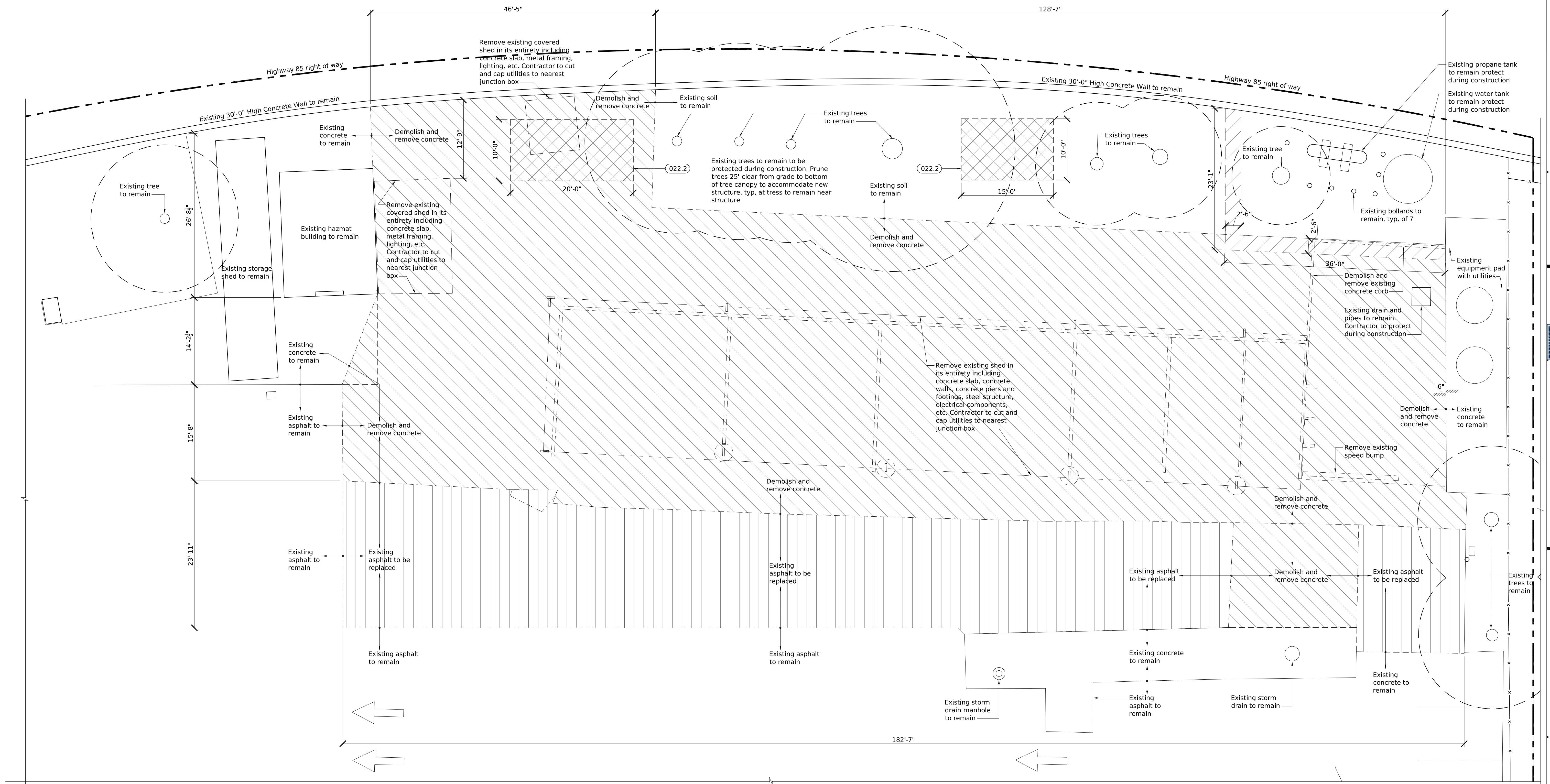
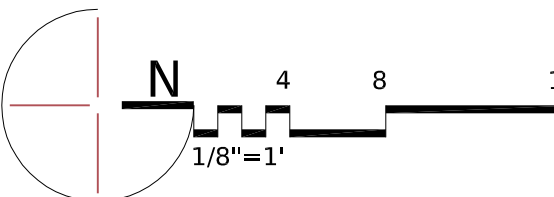


Sheet Notes

- 1 Drawing based on partial survey provided by Underwood & Rosenblum, Inc., dated 6/9/17 for the area of work to be completed. The remaining site plan shown is based on aerial photo provided by Google Maps and composition of existing as-builts. Contractor to verify all existing conditions prior to start of construction.
- 2 Refer to sheet A1.1 for Demolition Site Plan
- 3 Refer to sheet A1.2 for Paving Plan

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Demolition Site Plan

123.1 Keynotes are arranged by CSI section. Refer to drawings and Specifications for additional information.

02 Sitework
022.2 Bio retention basin below, refer to sheet C2

Object to be Removed

(E) Wall to be Removed

**Excavation for electrical/ plumbing trench
(Refer to electrical/ plumbing drawings)**

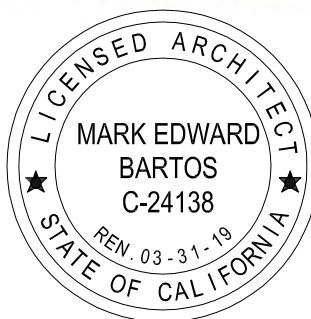
**Excavation for bio retention basin
(Refer to civil drawings)**

Remove existing concrete slab/ paving in its entirety, prep area for new concrete paving

Remove existing asphalt paving in its entirety, prep area to receive new asphalt paving

Note: The Architect and the Architect's consultants are not "Owner or Operator" as defined under NESHAP, Section 112 of the Clean Air Act and therefore shall have no responsibility for the discovery, presence, handling, removal, transportation, storage or disposal of or exposure of persons to hazardous material in any form at or on the premises, including but not limited to asbestos, asbestos products, polychlorinated biphenyl (PCB's) or other toxic substances.

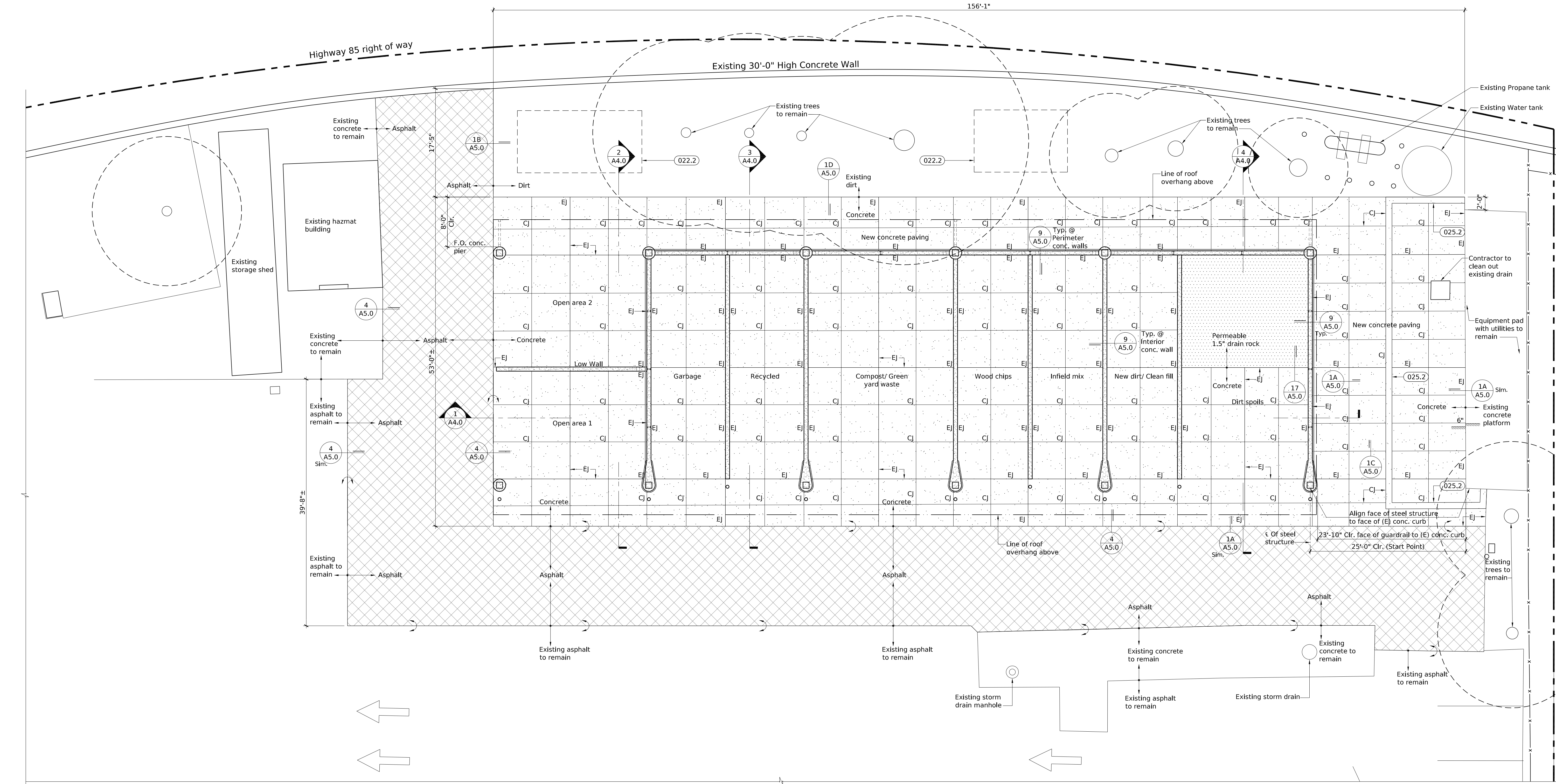
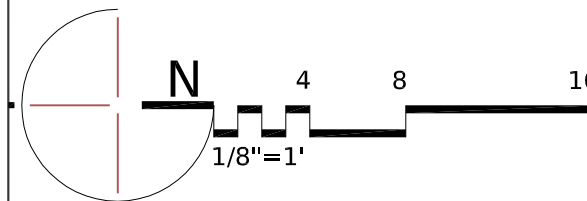
- 1 Contractor shall provide temporary barriers, barricades and sound
attenuation as required to mitigate or minimize dust and noise disruption
to building occupants, while maintaining safe internal access during
construction.
- 2 Coordinate with Architect and client all system shut-downs or alterations.
Architect and City shall be given adequate notice for alternate systems to
be established. Refer to Specifications Project Manual for notification
procedure.
- 3 Except where existing elements are shown solid or notated as "to remain"
on this drawing, the scope of demolition work is to remove all framing,
finishes, fixtures, and accessories in the area of work. Specific
identification on this drawing of items to be demolished does not exclude
from the demolition scope other items not similarly identified. Contractor
shall examine existing conditions to identify additional scope not
specifically identified here, and bid the work accordingly.
- 4 Patch all existing surfaces and finishes indicated as "to remain" where
adjacent demolished structures and finishes were previously attached.
- 5 Contractor shall coordinate demolition of existing finishes as required for
installation of new paving.
- 6 Refer to Specifications Project Manual for additional requirements.
- 7 Provide smooth not visible transitions between new and existing surfaces.
- 8 Refer to sheet A1.2 Paving Plan for slopes and concrete scope joints.
- 9 Refer to sheet C2 for grading, paving and storm drain plan.
- 10 Refer to structural drawings for depth of new concrete slabs/ paving &
structural steel framing.
- 11 Refer to electrical drawings for all other electrical components not shown
herein.



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Paving Plan

1

Keynotes

Keynotes are arranged by CSI section. Refer to drawings and Specifications for additional information.

02	Sitework
022.2	Bio retention basin below, refer to sheet C2
025.2	Concrete berm, refer to sheet C2

Sheet Notes

- Drawing based on partial survey provided by Underwood & Rosenblum, Inc. dated 6/9/17 for the area of work to be completed. The remaining site plan shown is based on aerial photo provided by Google Maps and composition of existing as-builts. Contractor to verify all existing conditions prior to start of construction.
- Refer to sheet A2.0 for Floor Plan and Reflected Ceiling Plan.
- Refer to sheet A3.0 for Exterior Elevations.
- Refer to Civil drawings for paving & drainage details.

Legend

- | | |
|--|-----------------------------|
| | Asphalt Paving |
| | Concrete Paving |
| | Permeable Drain Rock (1.5") |
| | New concrete wall |
| | Control Joint |
| | Expansion Joint |
| | Flush Transition |

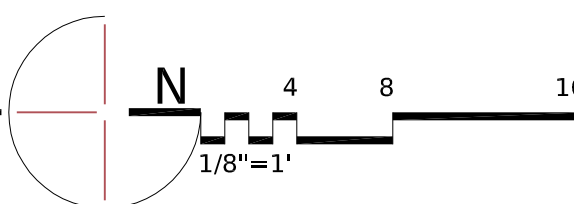
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123.1	Keynotes are arranged by CSI section. Refer to drawings and Specifications for additional information.
02	Sitework
028.4	Bollard, refer to 3/A5.0
028.5	Guardrail, refer to 22/A5.0
03	Concrete
033.2	Concrete Pier
033.6	Concrete Wall (8'-0" High)
033.61	Concrete Wall (4'-0" High)
07	Thermal and Moisture Protection
076.1	Metal Panel, prefinished
076.1	Metal Gutter
076.2	Rain Water Leader
10	Specialties
105.1	Fire Extinguisher 2-A/10-BC, with valid certification tag
15	Mechanical/ Plumbing
154.1	Hose bibb
16	Electrical
161.5	Electrical Panel
165.1	Light Fixture (Beam mounted)
165.2	Light fixture (Ceiling mounted)



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Concrete Walls

Concrete Paving

Permeable Drain Rock (1.5")

A2.0

BA 16-012



①

123.1 Keynotes are arranged by CSI section. Refer Specifications for additional information.

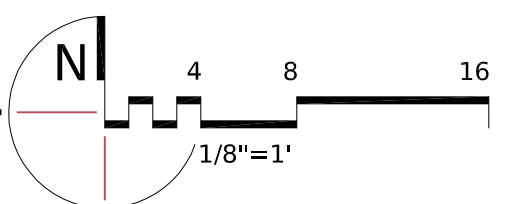
- | | |
|-----------|--|
| 09 | Finishes |
| 099.1 | Paint |
| 10 | Accessories |
| 104.1 | Signage, see to signage schedule A1.2 & A1.3 |
| 15 | Mechanical / Plumbing |
| | Refer Mechanical, Plumbing Drawings |
| 156.1 | Hose Bibb |
| 16 | Electrical |
| | Refer Electrical Drawings |
| 161.4 | Power receptacle |
| 161.5 | Electrical Panel |
| 162.2 | Inverter |
| 162.3 | Junction/ wiring box |
| 165.1 | Light fixture(s) (Surface Mounted) |

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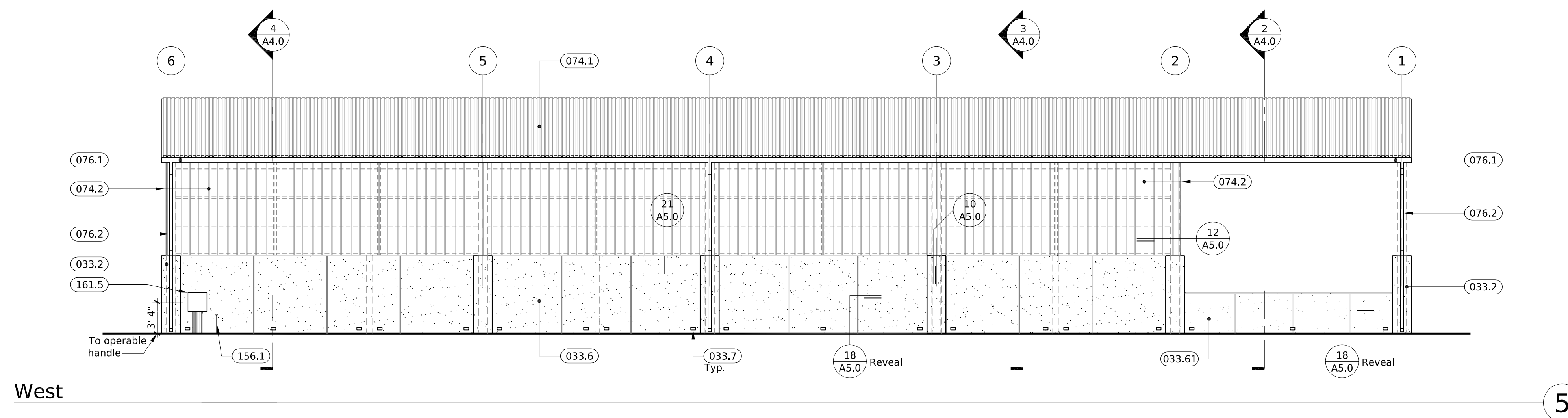
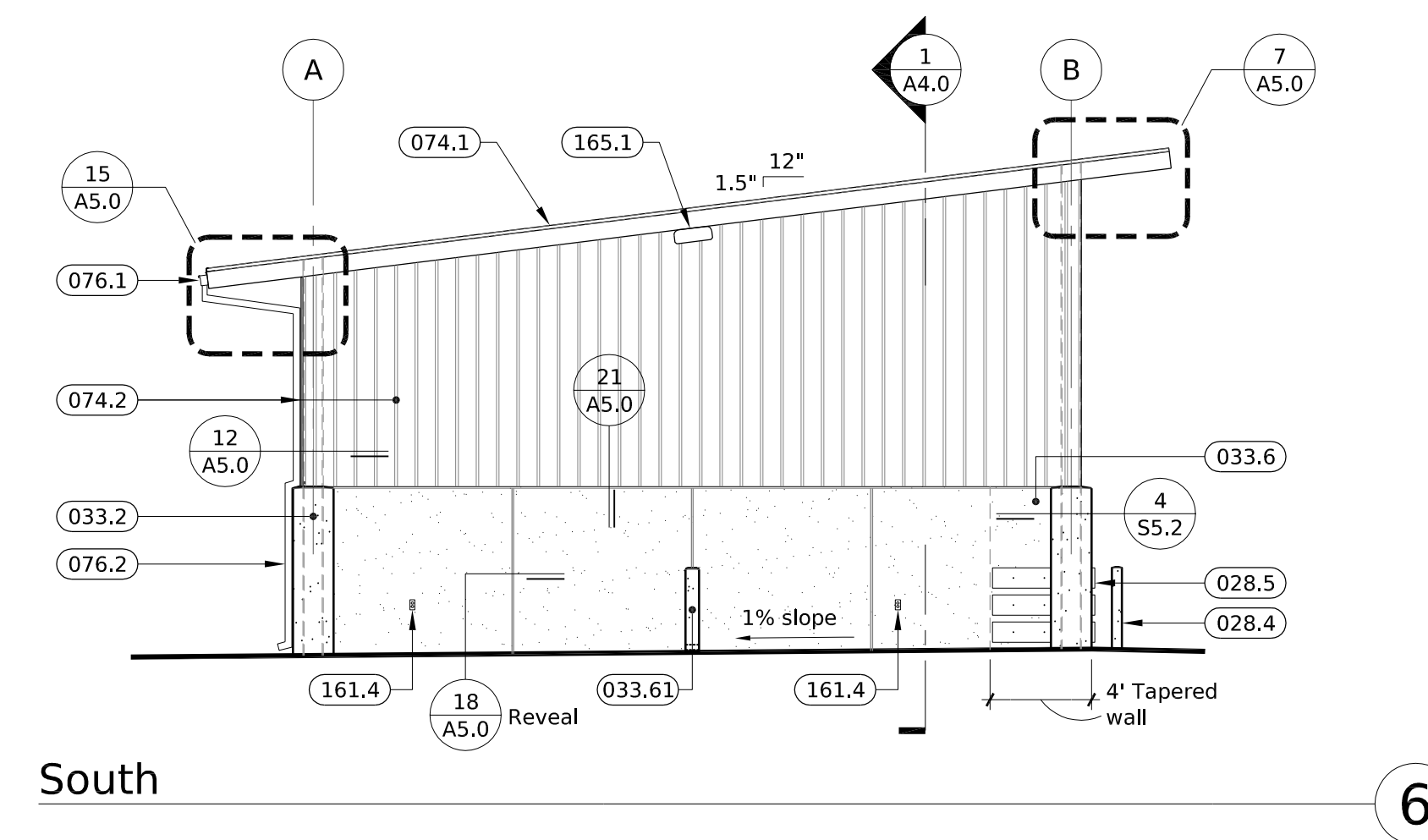
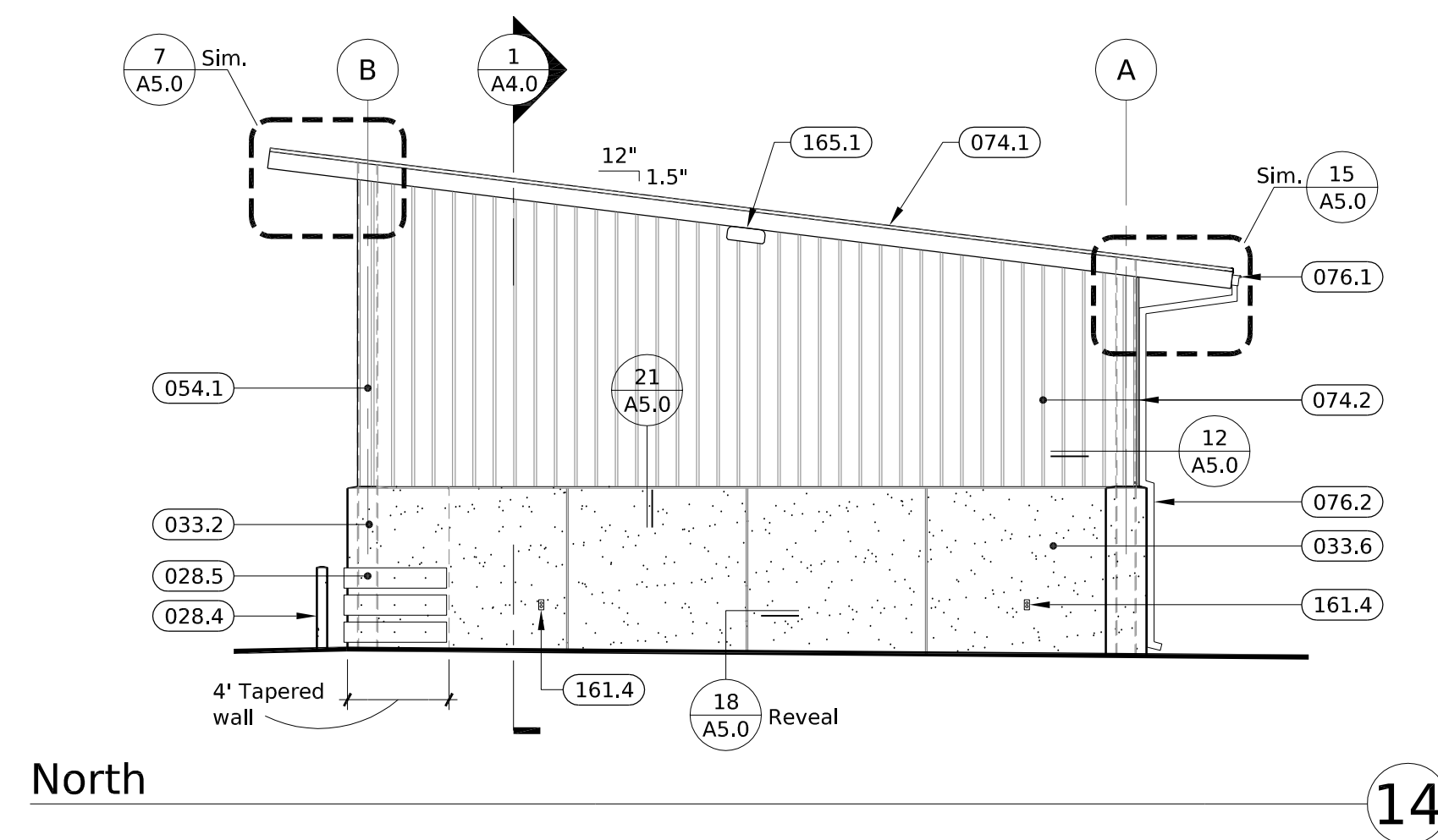
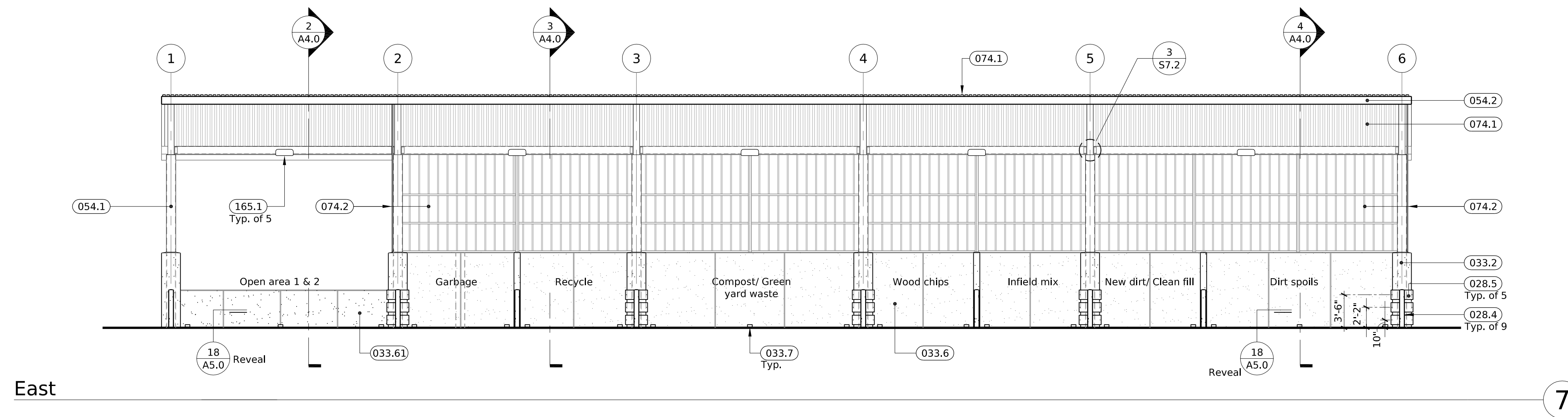
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A3.0

BA 16-012



123.1 Keynotes are arranged by CSI section. Refer Specifications for additional information.

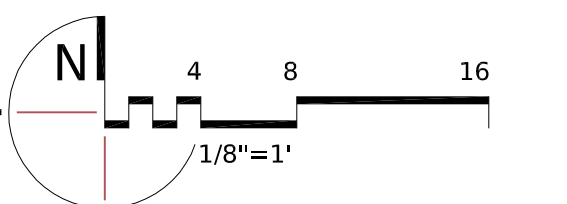
03	Concrete
033.1	Concrete slab
033.2	Concrete Pier
033.6	Concrete wall (8'-0" high)
033.61	Concrete wall (4'-0" high)

07	Thermal and Moisture Protection
074.1	Metal roof deck, prefinished
074.2	Metal panel, prefinished
076.1	Metal gutter
076.2	Rain water leader

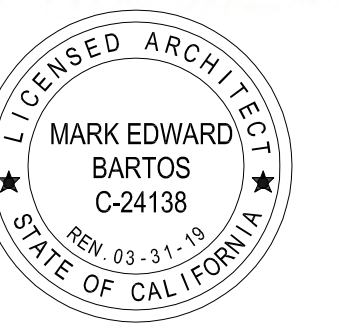
10	Accessories
104.1	Signage, refer to signage schedule A1.0 & A1.2

1 Structural steel framing as shown in these drawings is the design intent. Contractor shall provide shop drawings for structural review. All structural components herein shall be prefinished.

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4

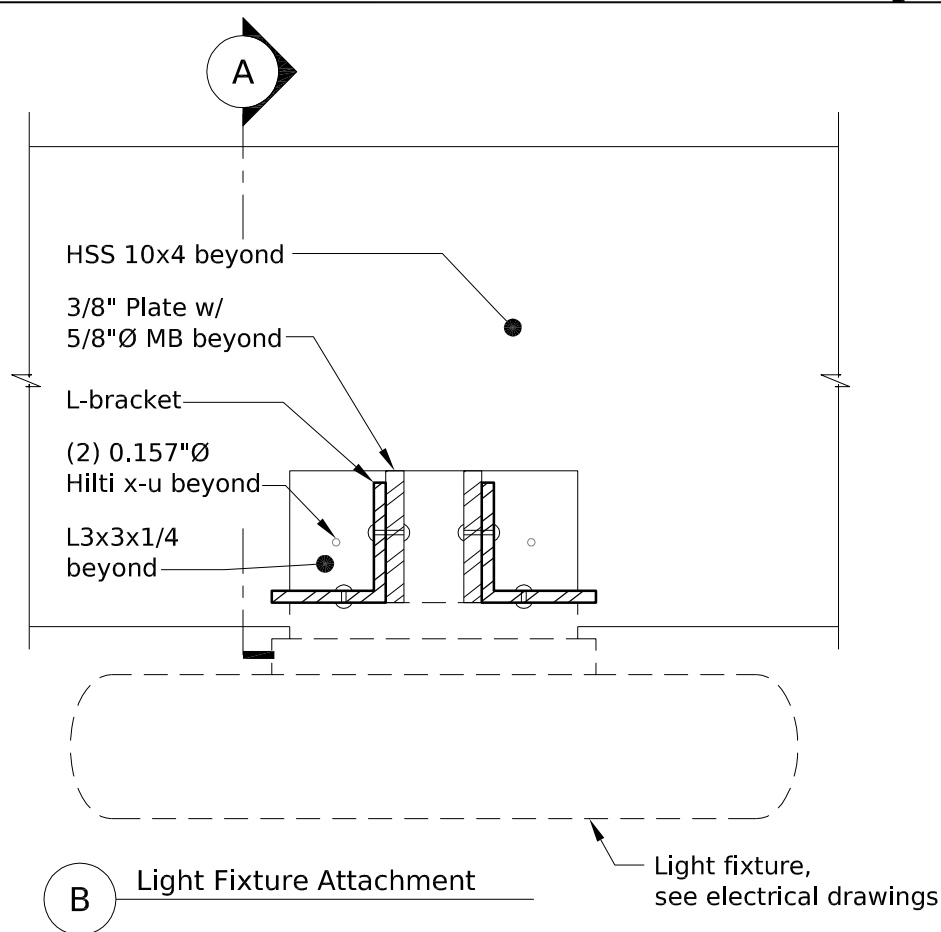
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2

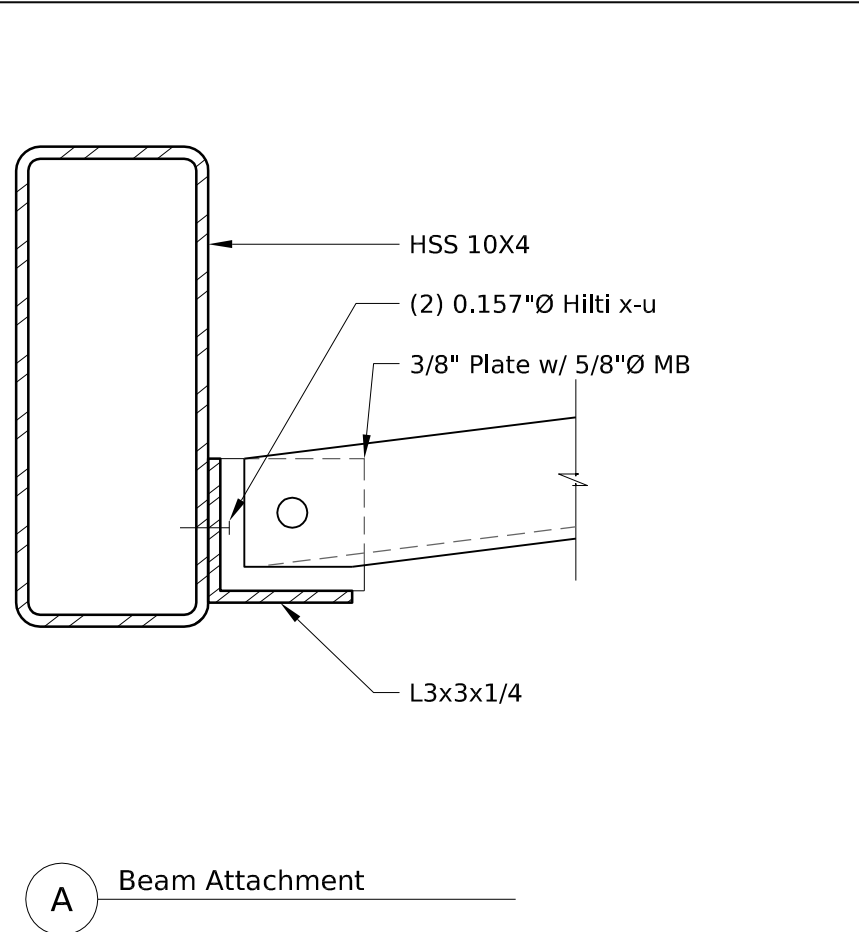
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A4.0

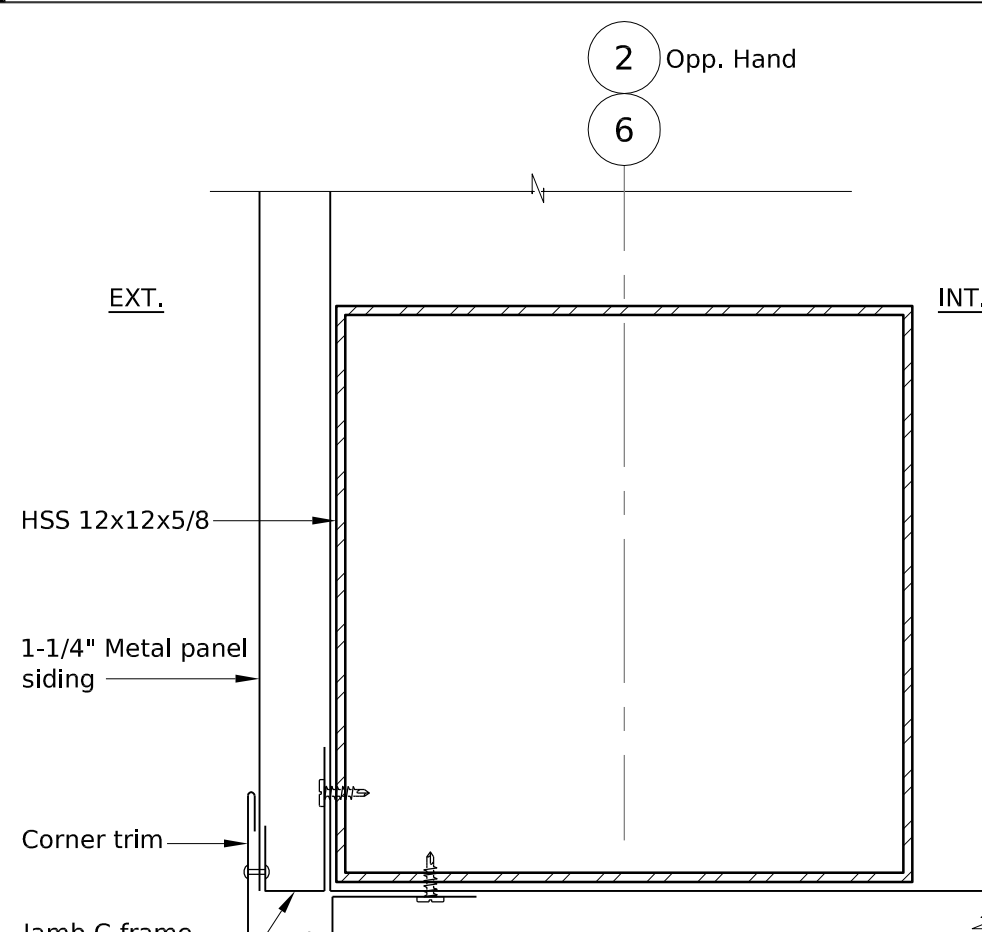
A 16-012



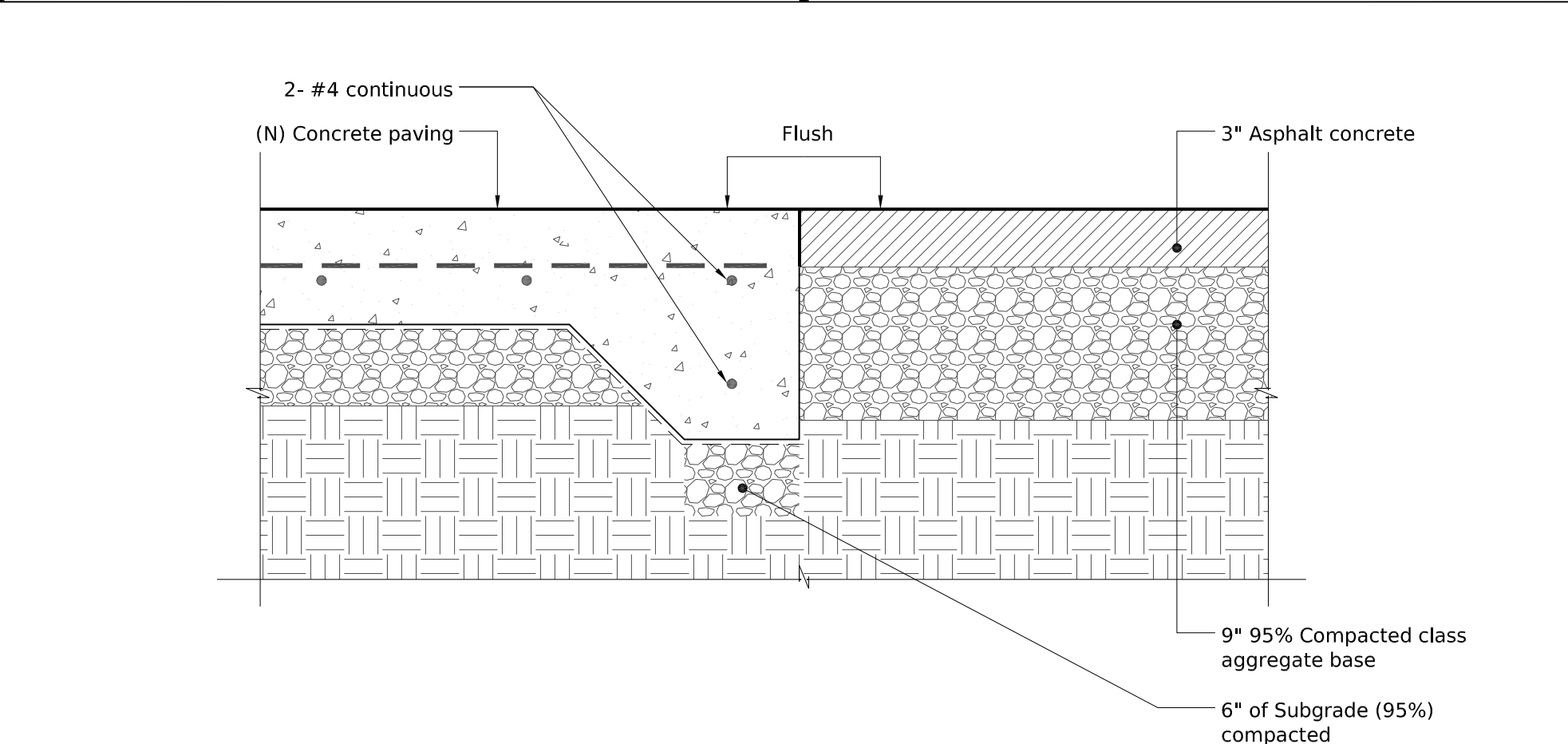
Light Fixture Attachment



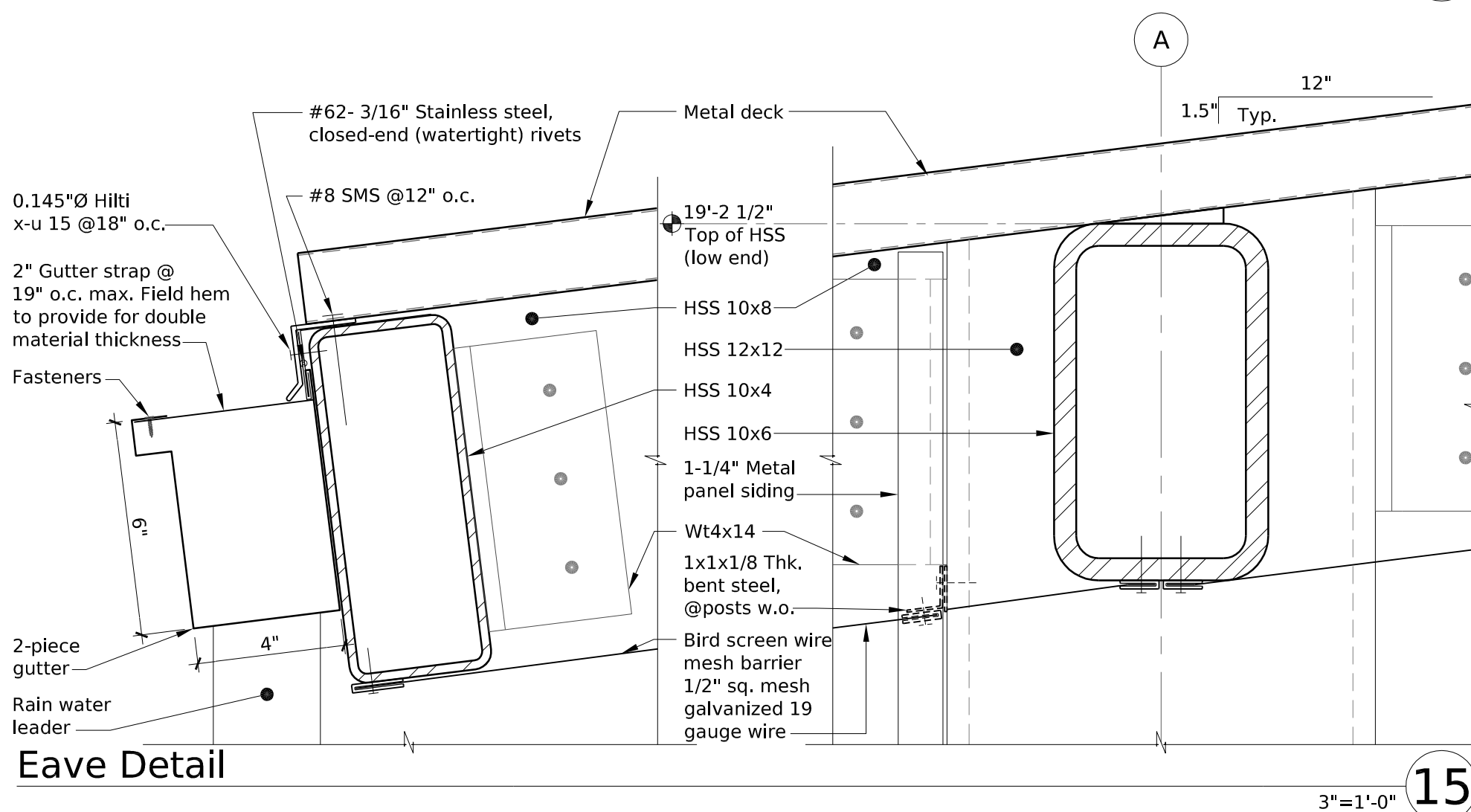
Beam Attachment



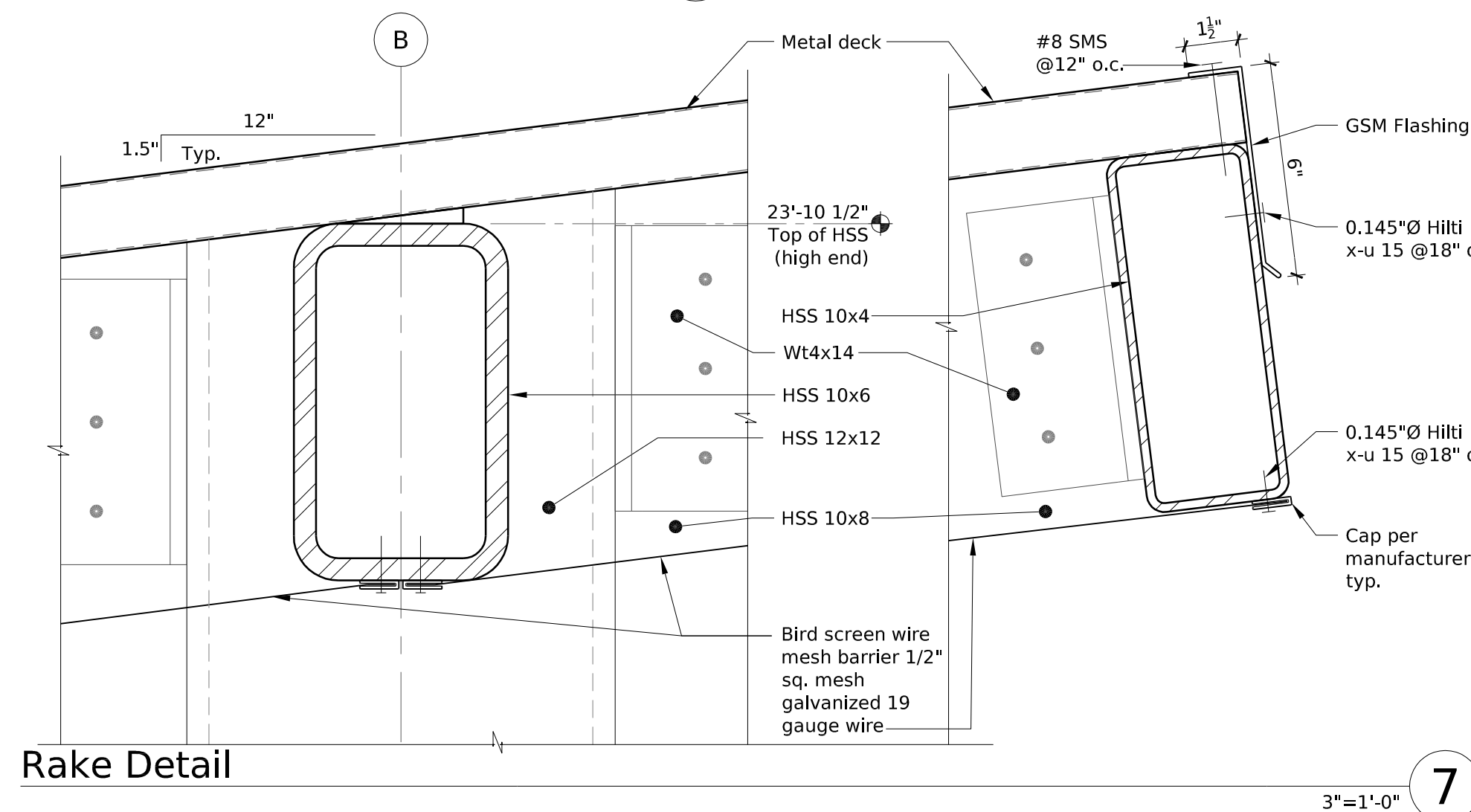
Outside corner



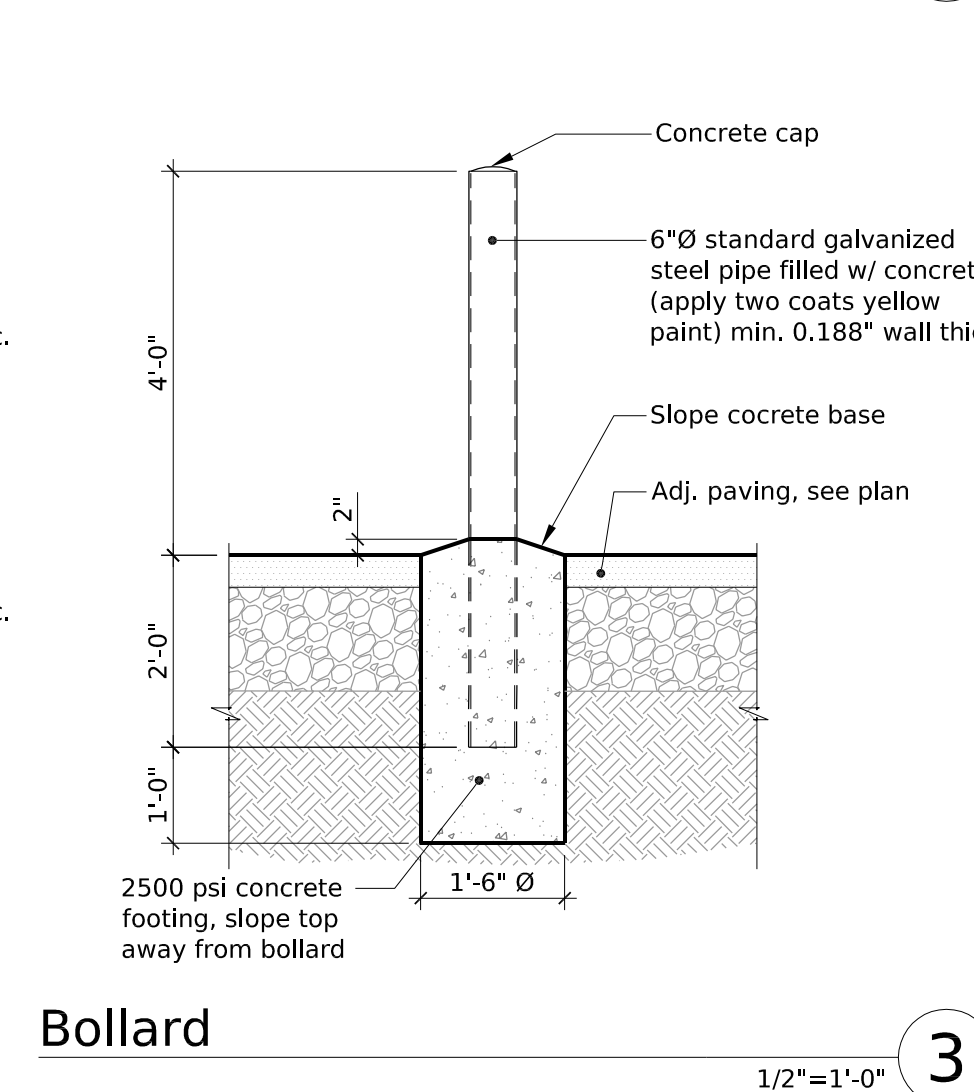
(N) Concrete to (E) Asphalt



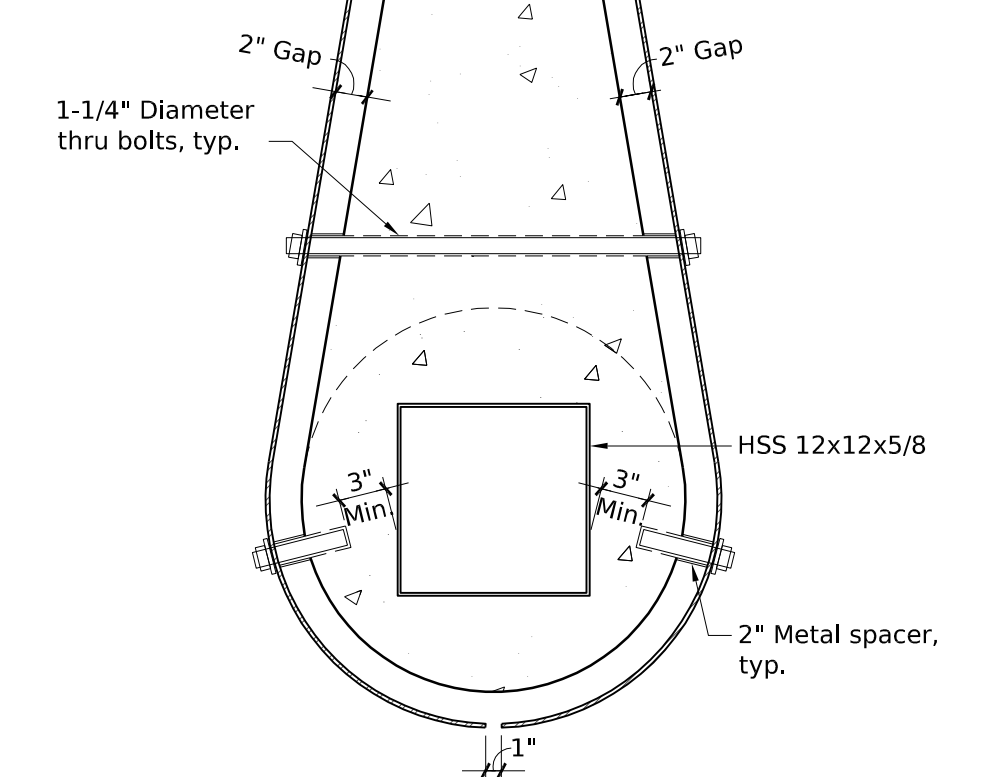
Eave Detail



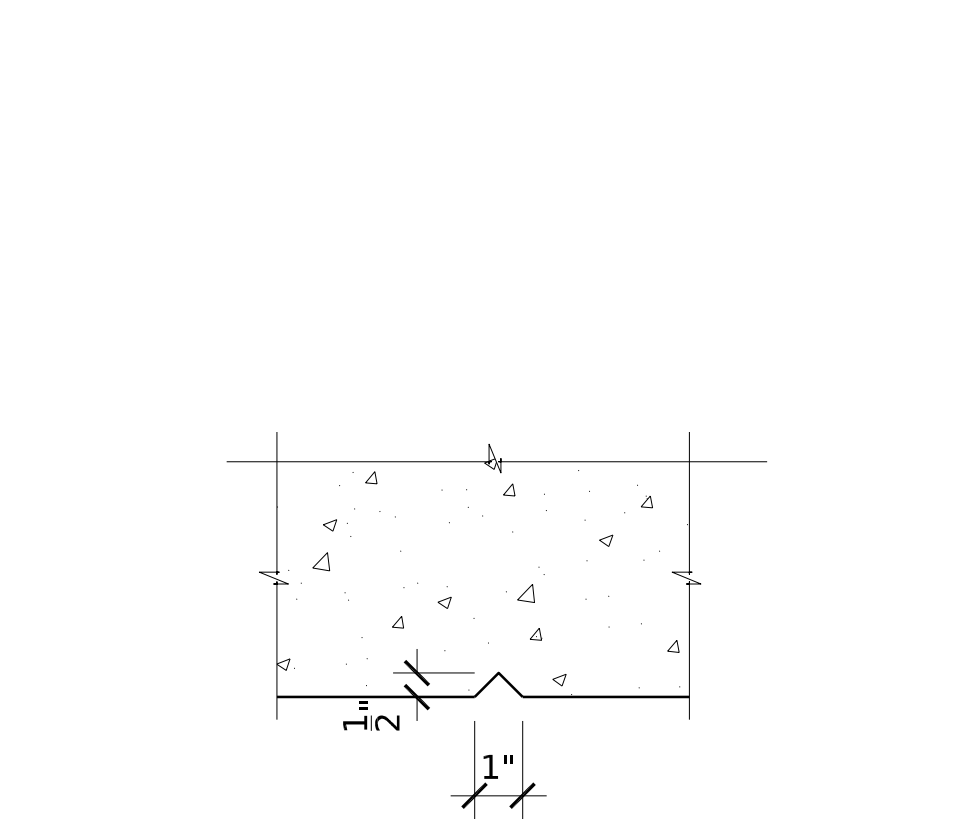
Rake Detail



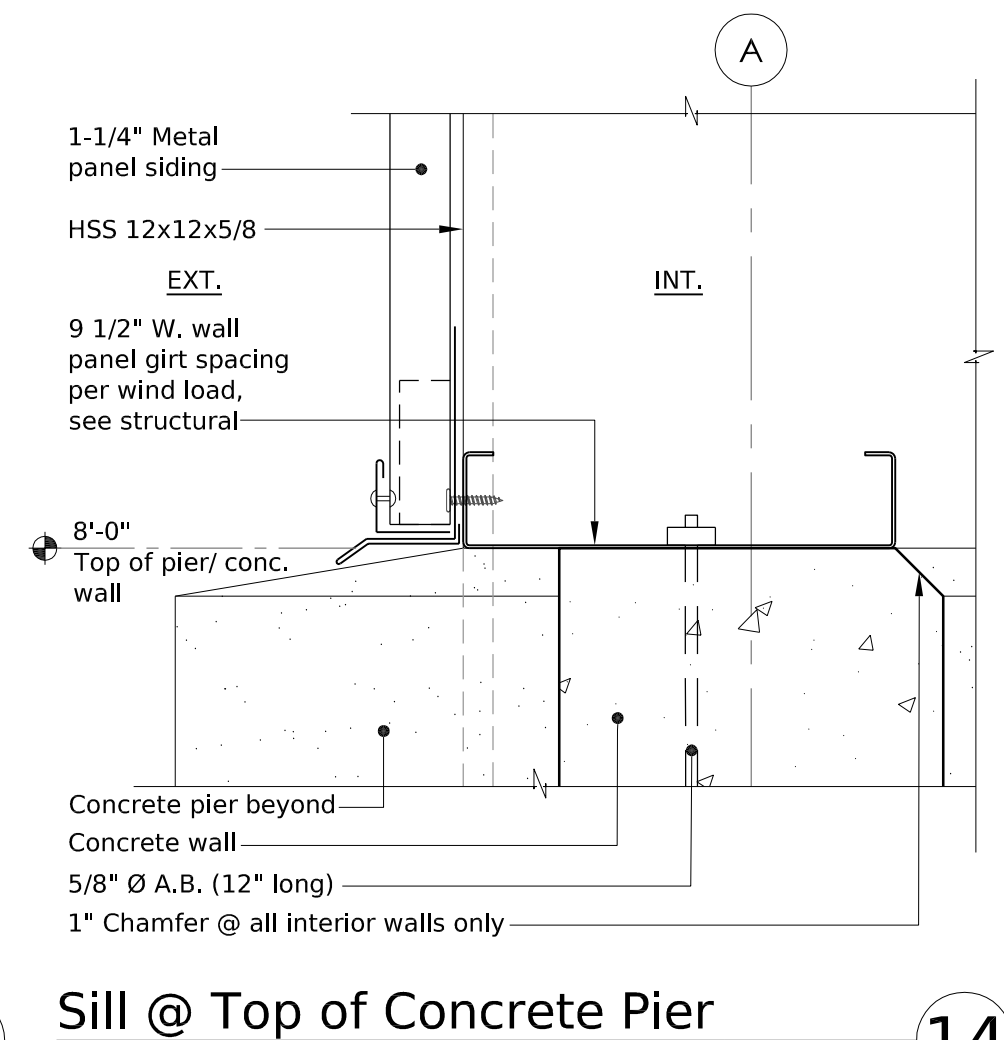
Bollard



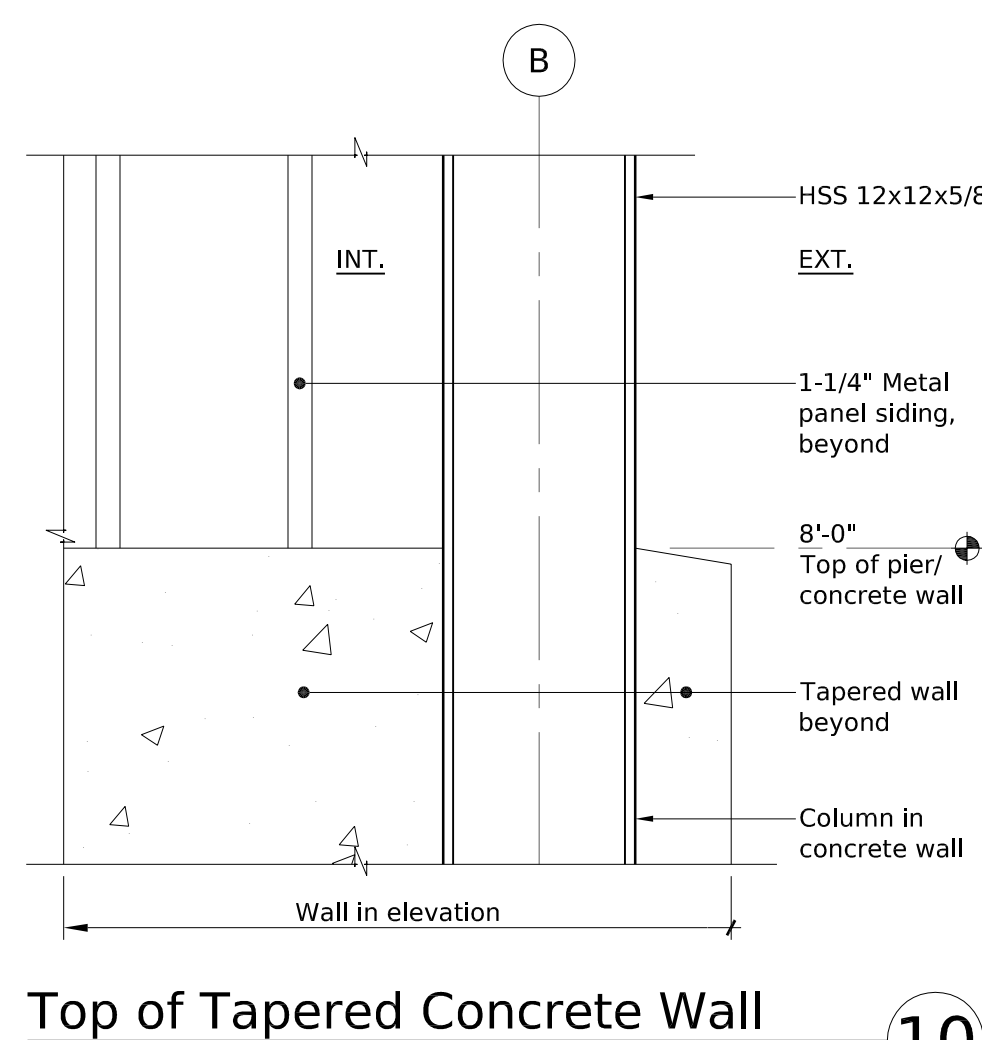
Guardrail @Concrete Wall



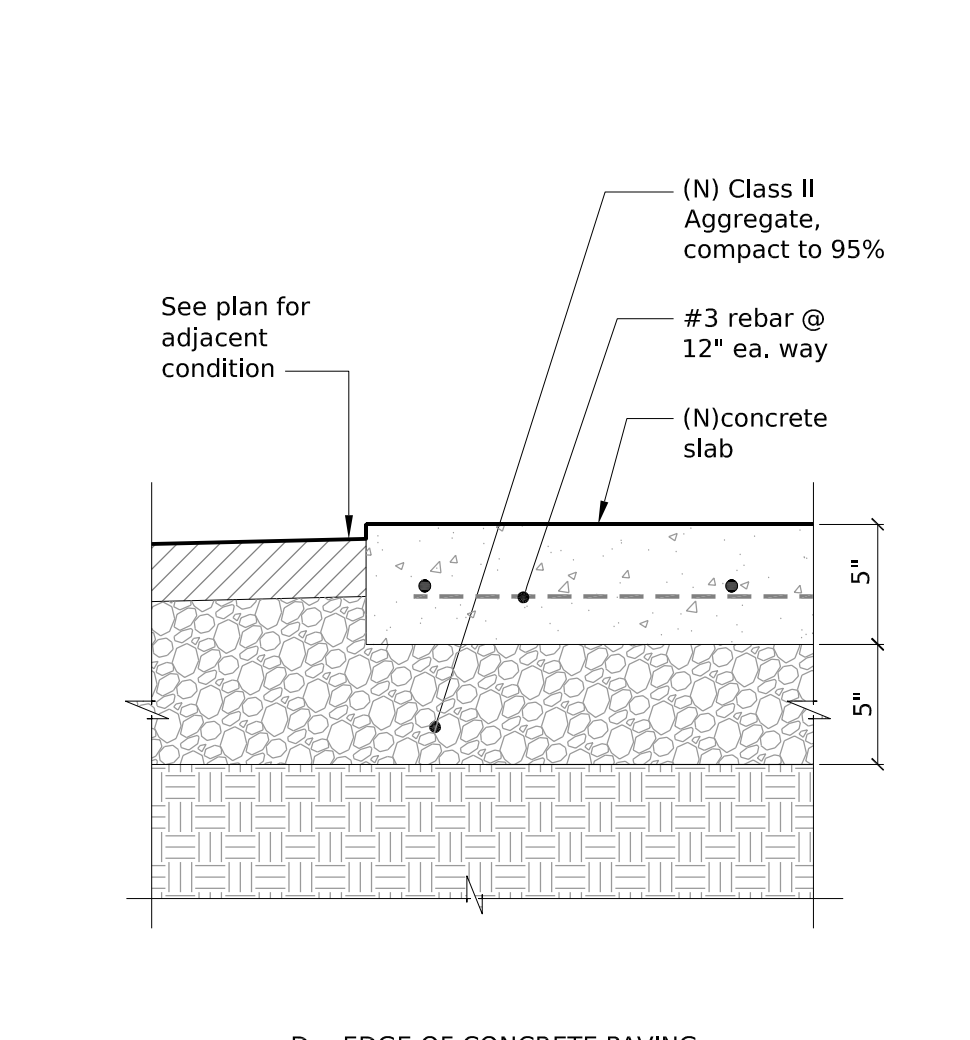
Concrete Reveal



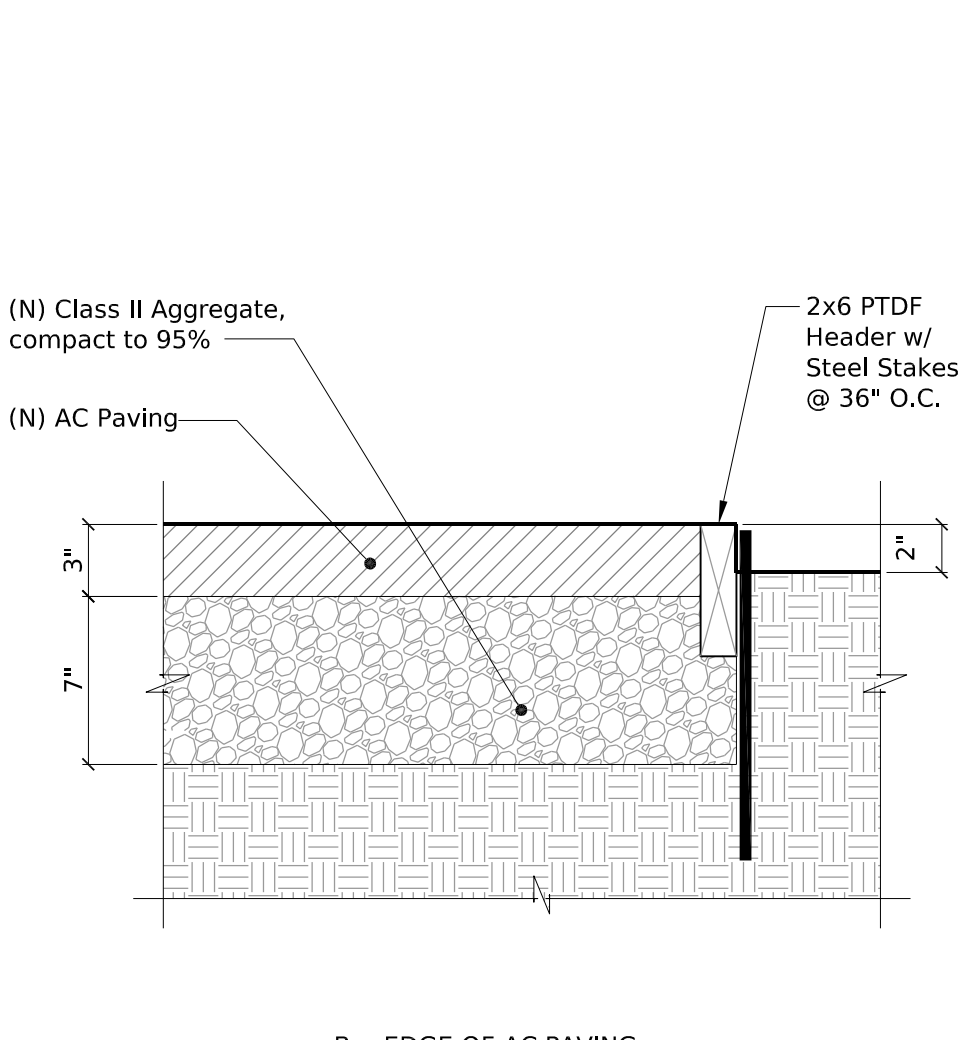
Sill @ Top of Concrete Pier



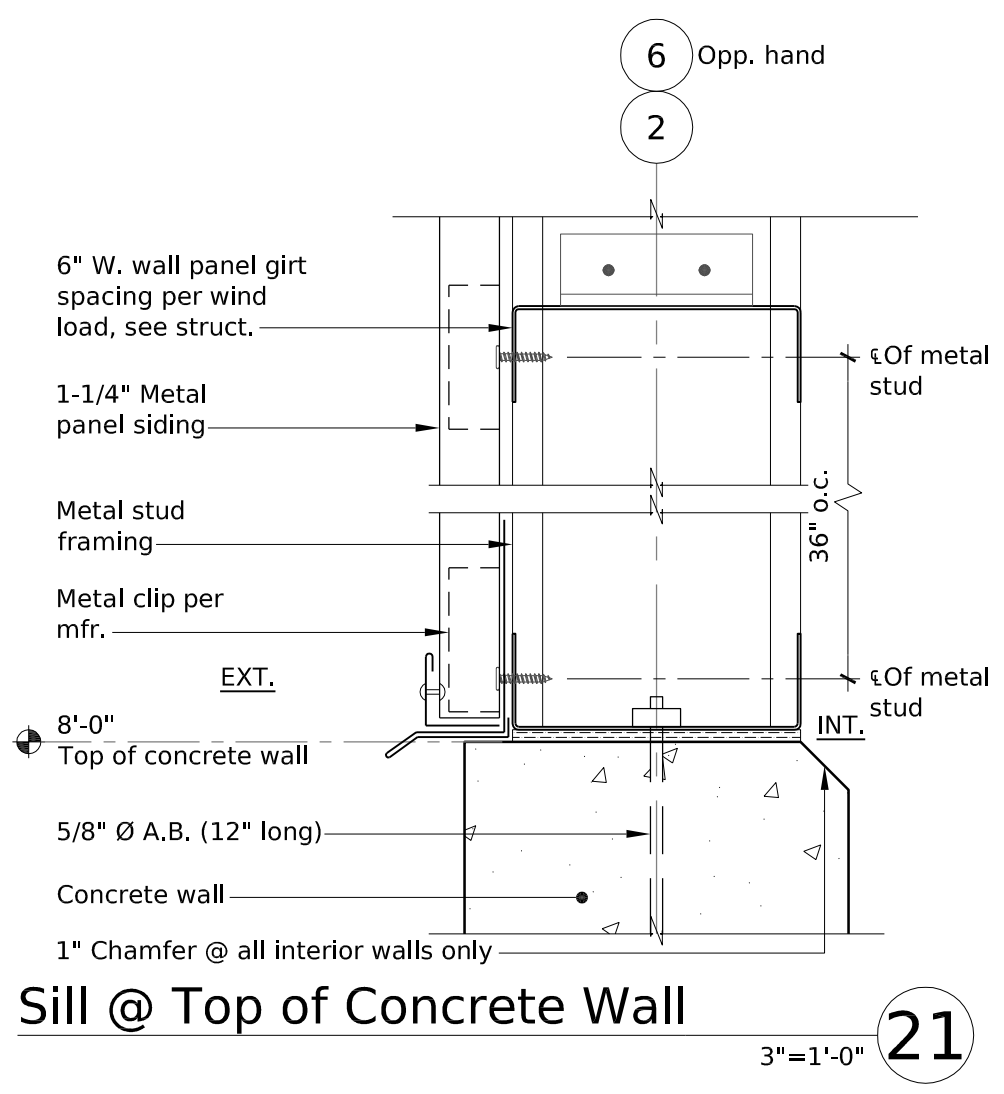
Top of Tapered Concrete Wall



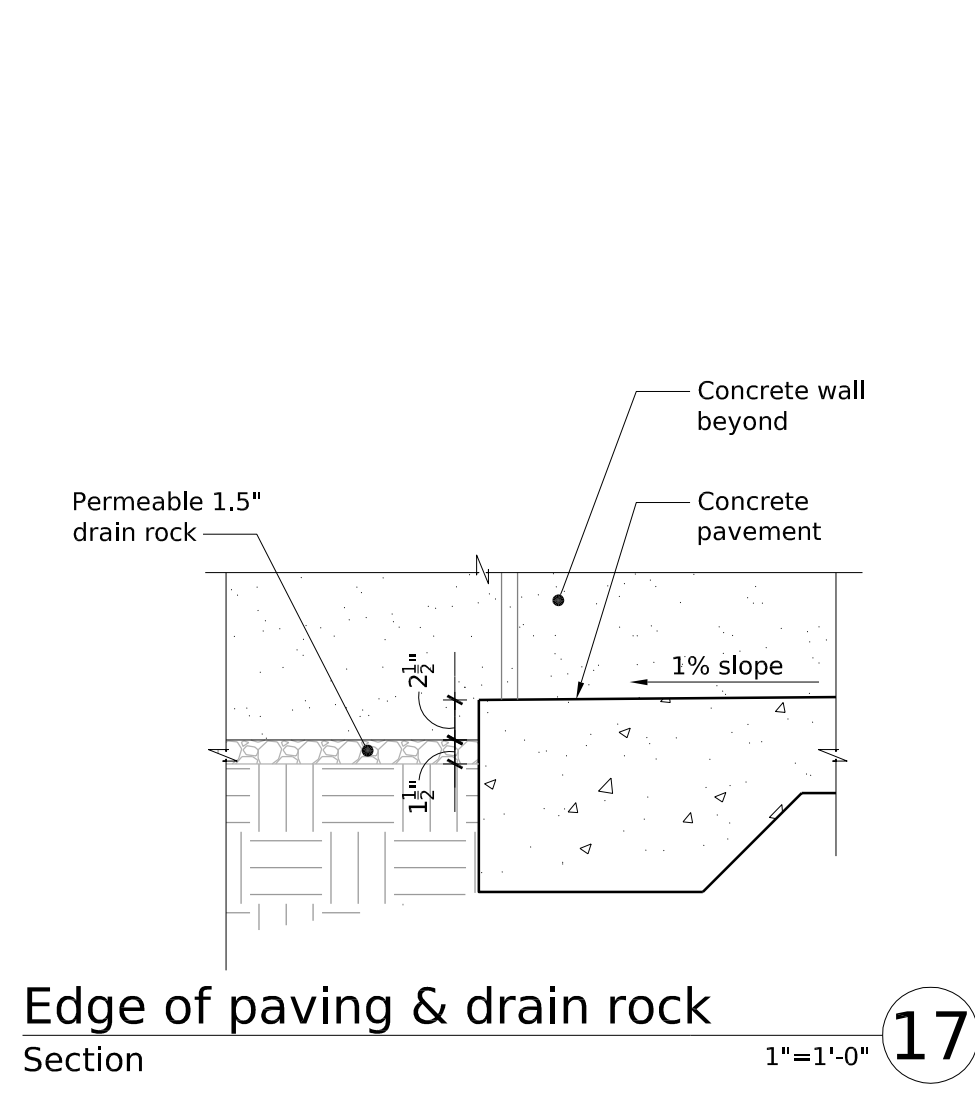
D - EDGE OF CONCRETE PAVING



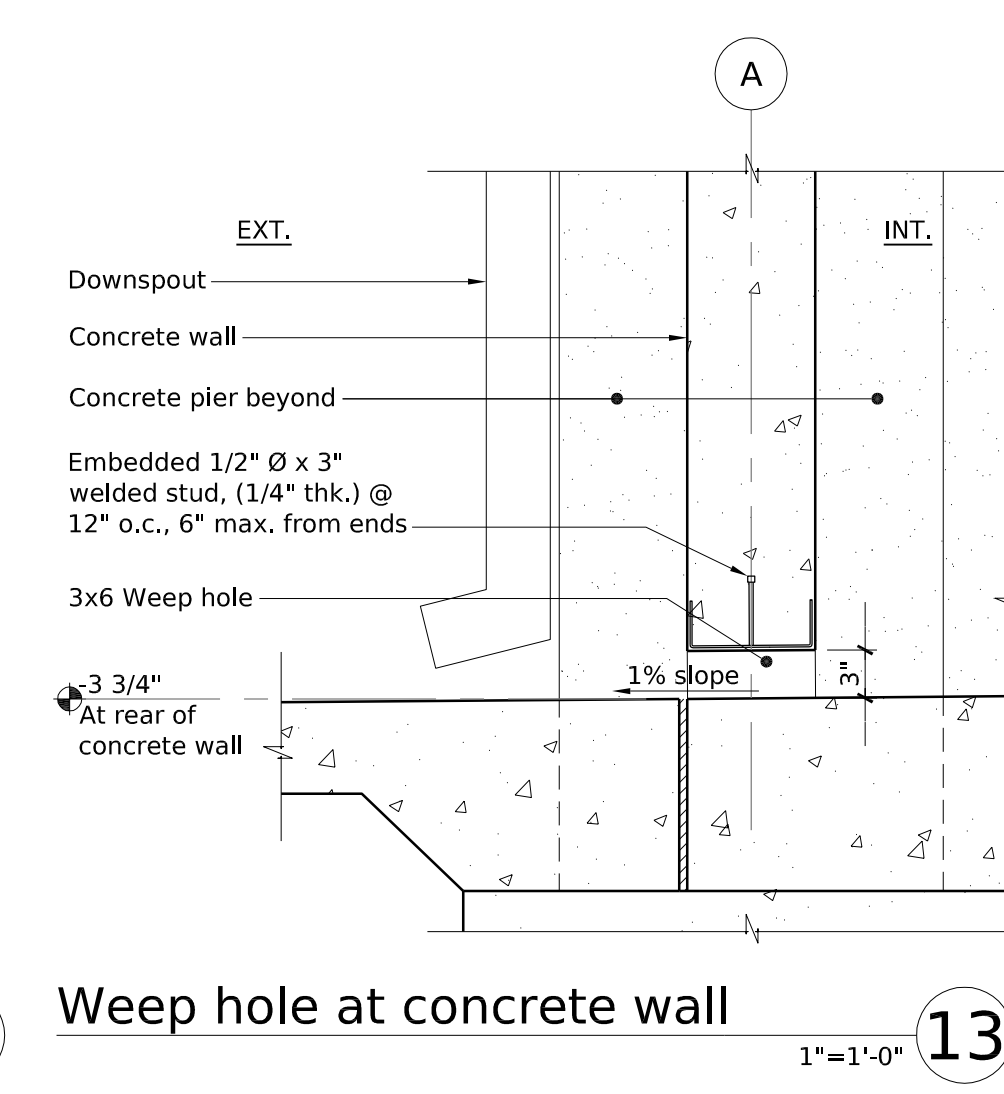
B - EDGE OF AC PAVING



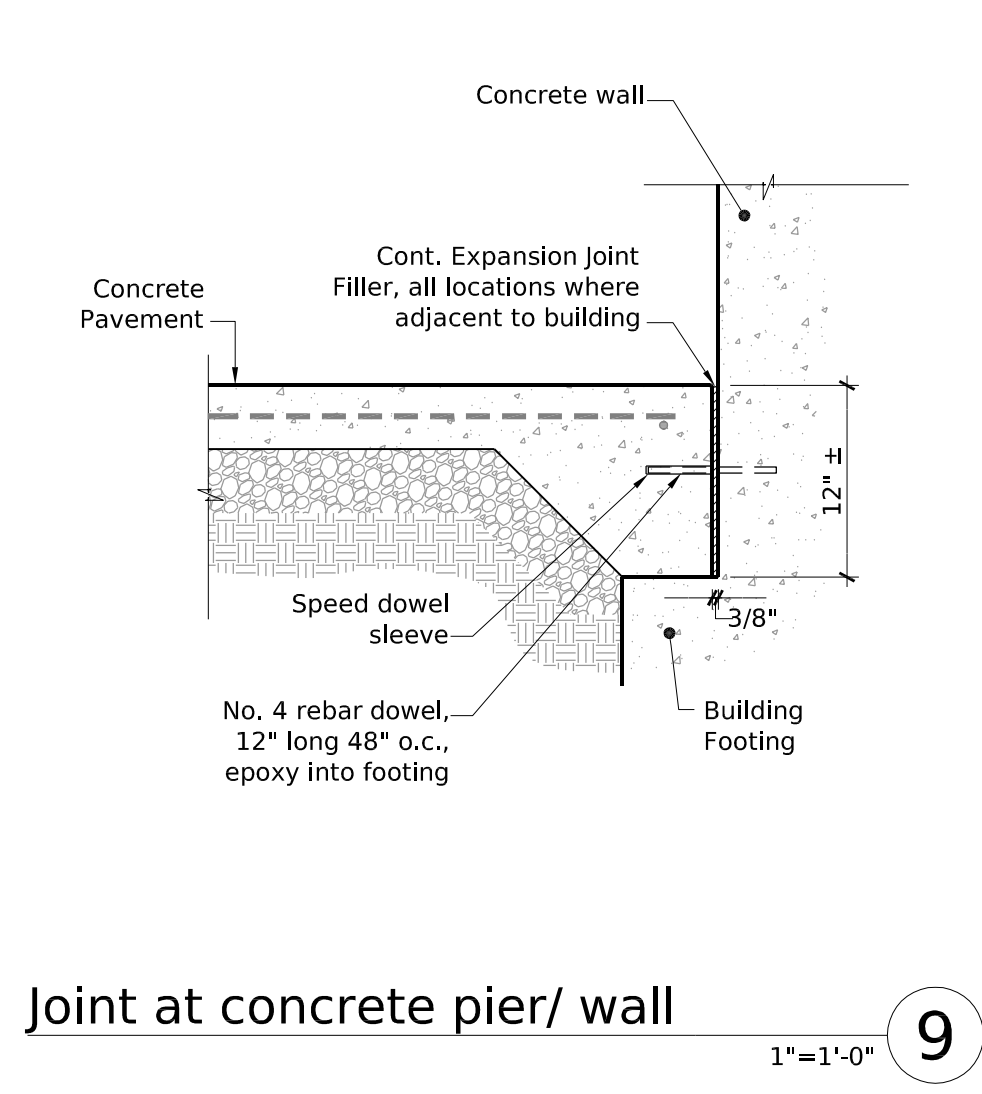
Sill @ Top of Concrete Wall



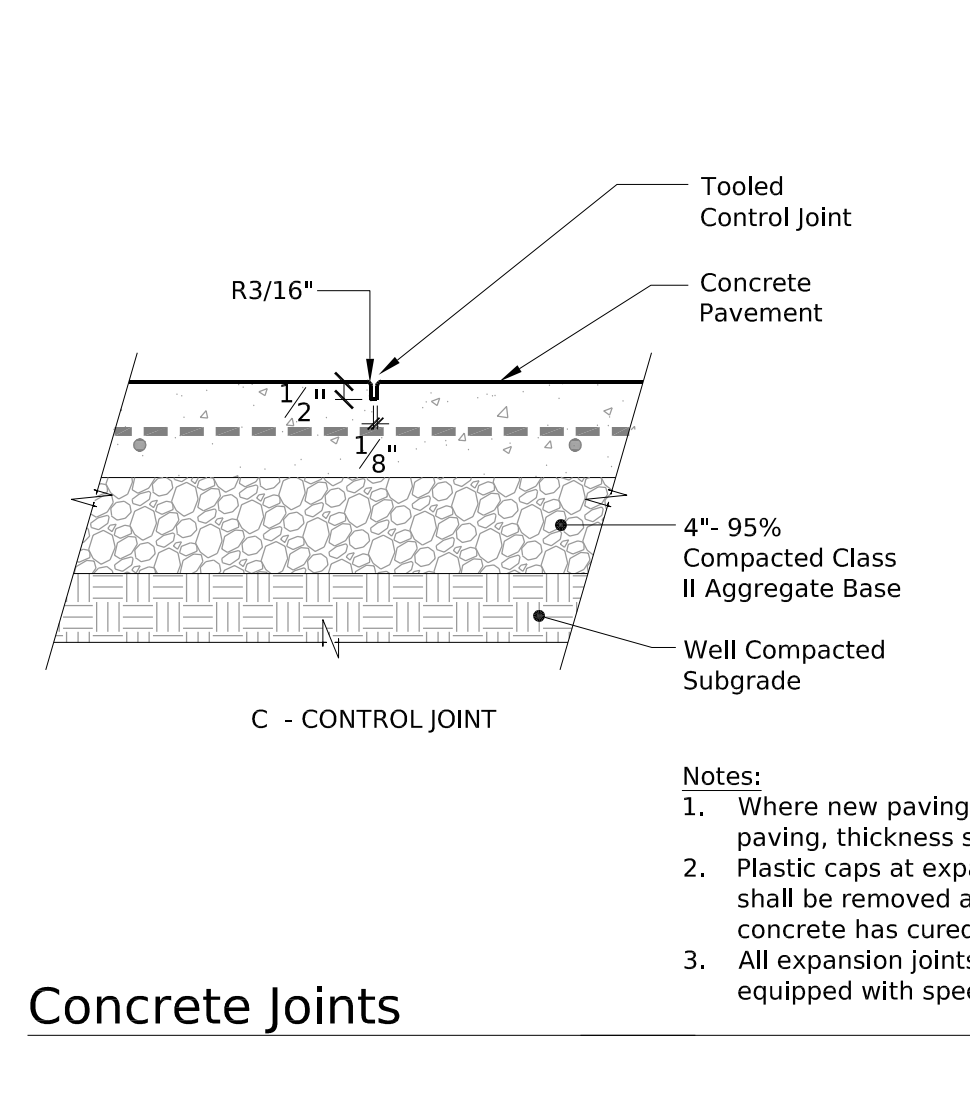
Edge of paving & drain rock



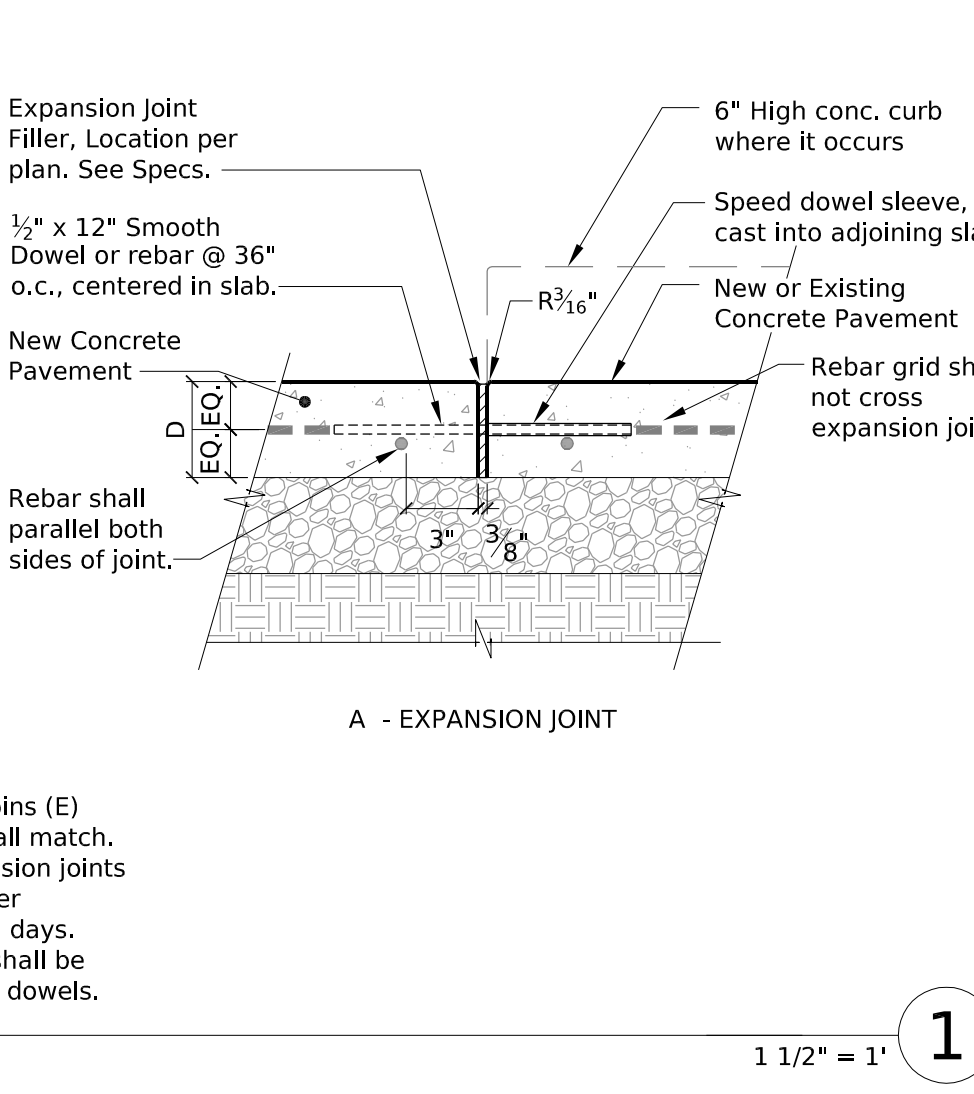
Weep hole at concrete wall



Joint at concrete pier/ wall



Concrete Joints



- Notes:
1. Where new paving joins (E) paving, thickness shall match.
2. Plastic caps at expansion joints shall be removed after concrete has cured 7 days.
3. All expansion joints shall be equipped with speed dowels.

Concrete Joints