



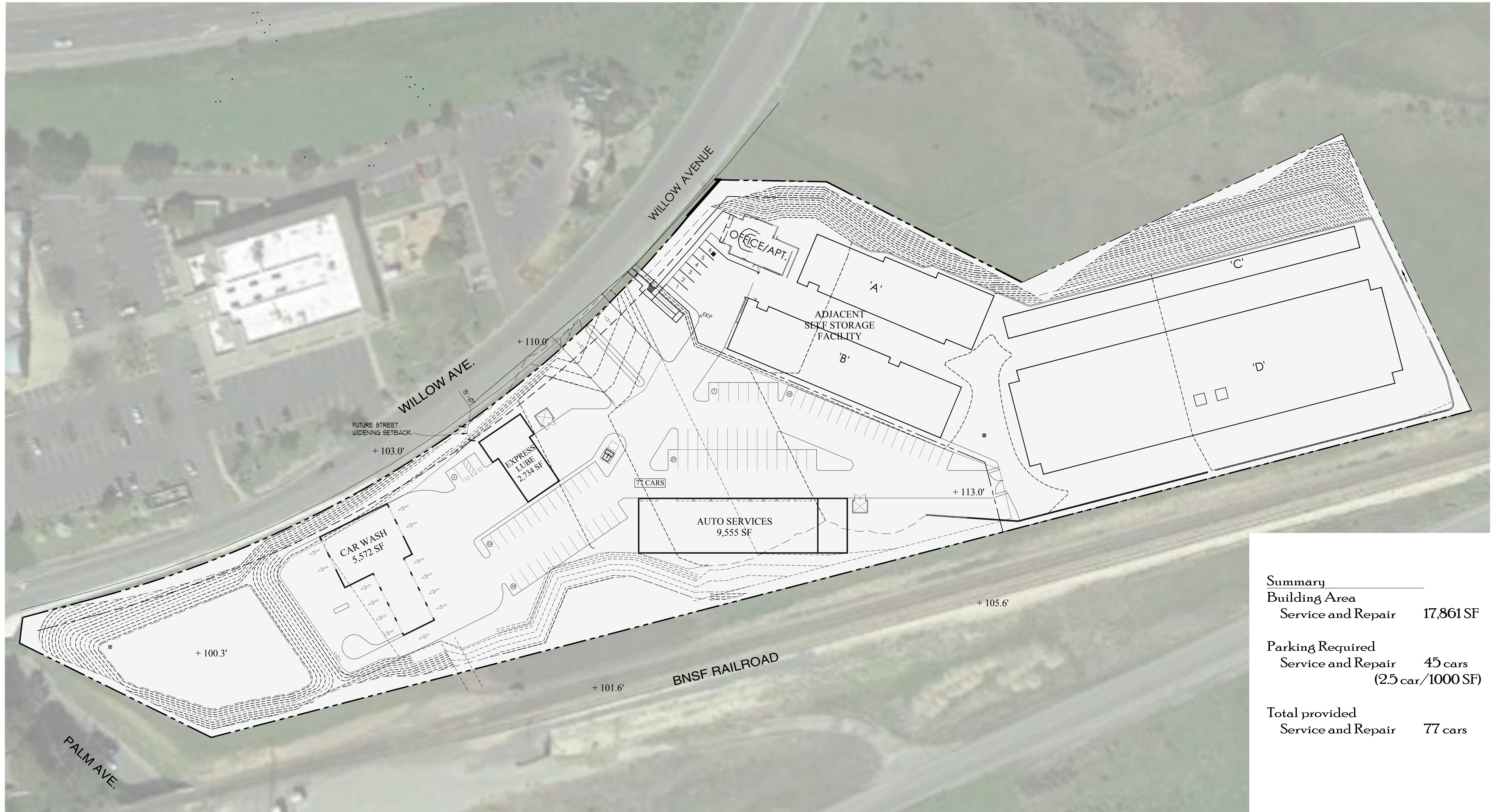
HERCULES SELF STORAGE

HERCULES, CA

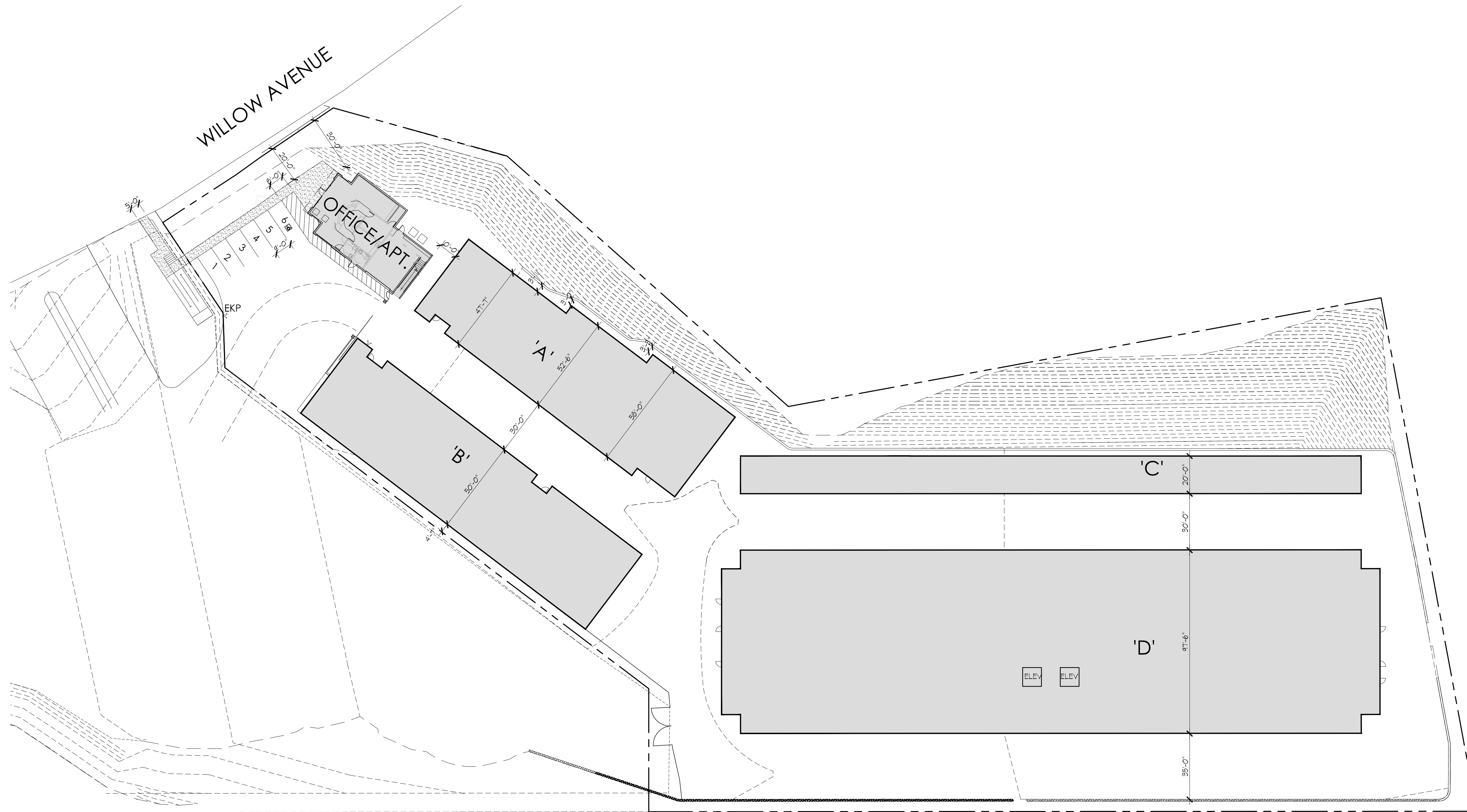
STREET ELEVATION

02/19/18

SCALE : 3/16" = 1'-0"



Summary		
Building Area		
Service and Repair	17,861 SF	
Parking Required		
Service and Repair	45 cars	
	(2.5 car/1000 SF)	
Total provided		
Service and Repair	77 cars	



OWNER/DEVELOPER

CLAREMONT HOMES, INC.
380 CIVIC DRIVE STE 200-C
PLEASANT HILL, CA 94523
PHONE: 510-821-0112
E-MAIL: mconley@claremonthomes.net

ARCHITECT

ARIEL L. VALLI
VALLI ARCHITECTURAL GROUP
27405 PUERTA REAL - SUITE 235
MISSION VIEJO, CA 92691
PHONE: 949-813-4191
E-MAIL: ariel@valliarich.com

CIVIL ENGINEER

FRANK BELLECCI
BELLECCI & ASSOCIATES
2290 DIAMOND BLVD., SUITE 100
CONCORD, CA 94520
PHONE: 925-585-4569 x 107
E-MAIL: frank@bellecci.com

BUILDING AREAS

BUILDING 'A'	8,732	SQ. FT.
BUILDING 'B'	9,384	SQ. FT.
BUILDING 'C'	6,598	SQ. FT.
BUILDING 'D' (3 STORY)	101,151	SQ. FT.
S.S. SUBTOTAL	125,865	SQ. FT.
OFFICE / APT.	3,867	SQ. FT.
TOTAL	129,732	SQ. FT.

HERCULES SELF STORAGE

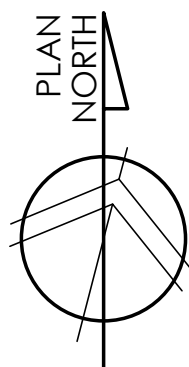
HERCULES, CA

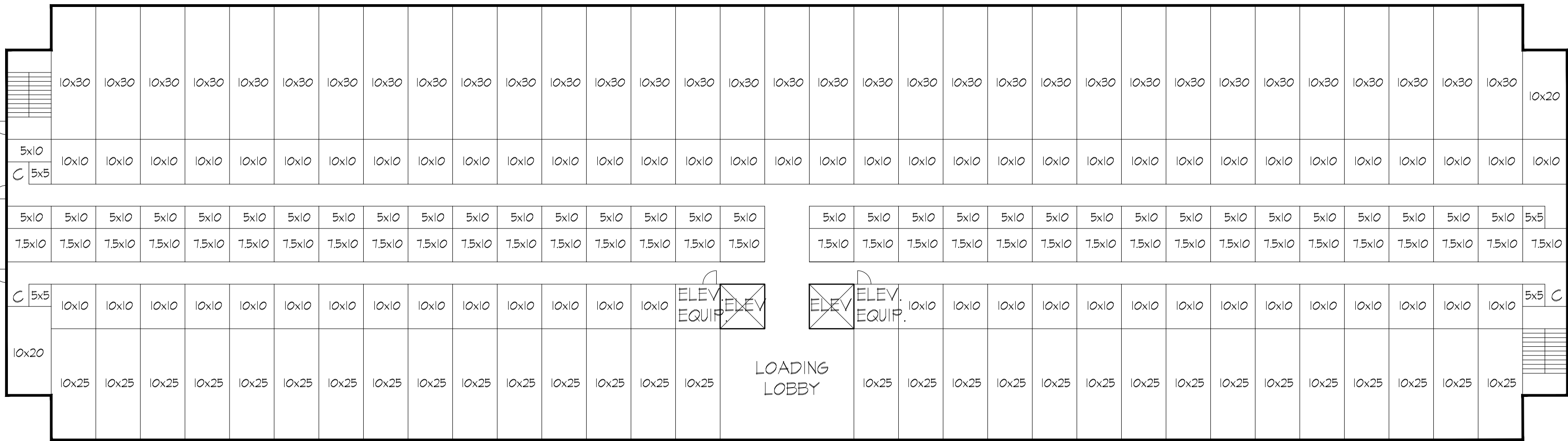
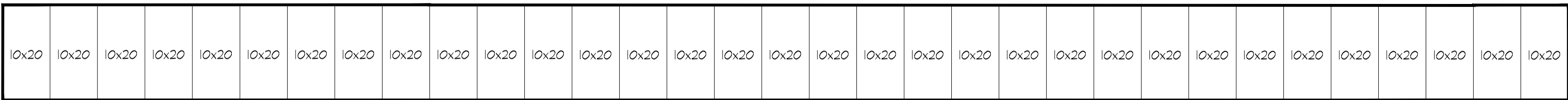
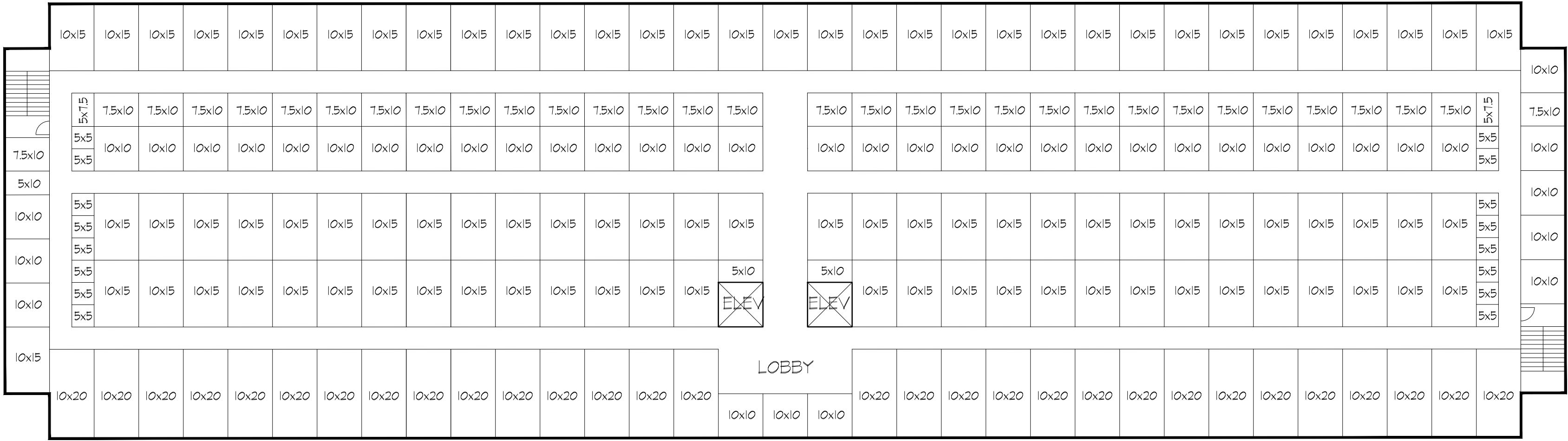
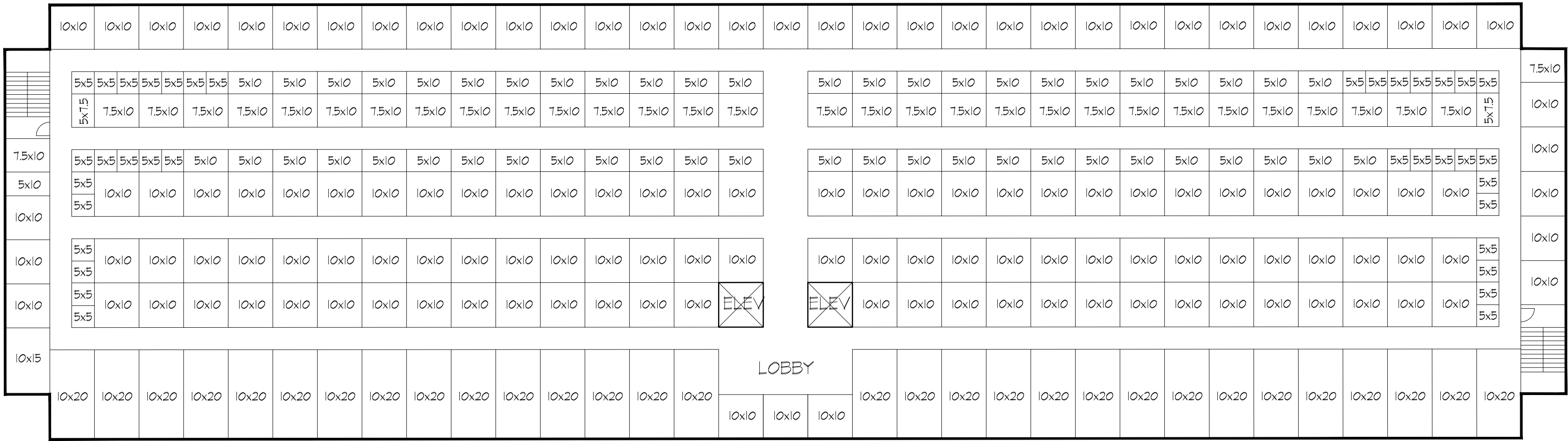
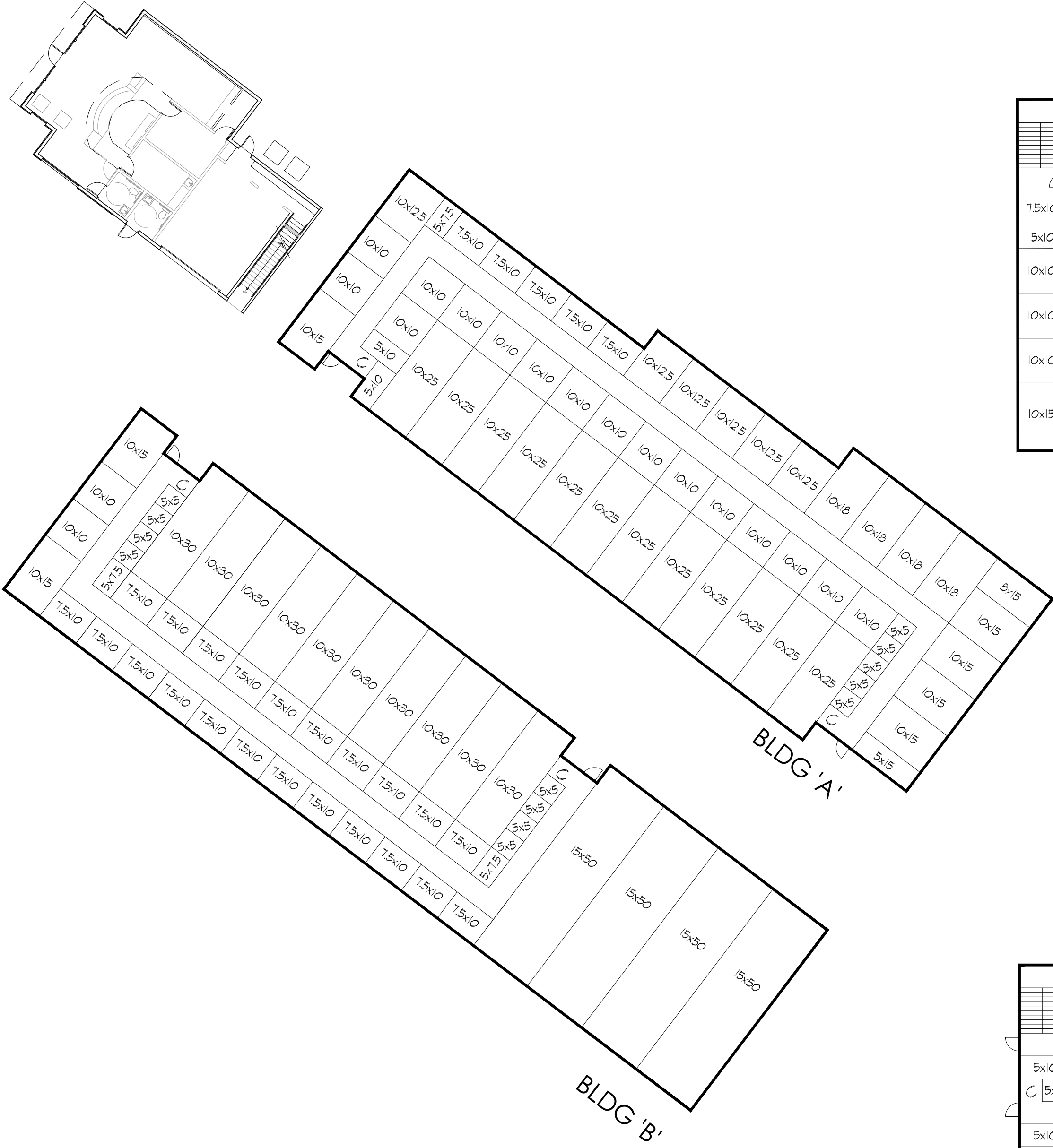
SITE PLAN

SCALE : 1" = 30'-0"

1/04/2018

2016-170





UNITMIX TABULATION			
SIZE OF UNIT	SQ.FT.UNIT	No. OF REG. UNITS	TOTAL SQ.FT.
5 x 5	25	69	1725
5 x 7.5	37.5	7	262.5
5 x 10	50	90	4500
5 x 15	75	1	75
7.5 x 10	75	125	9375
8 x 15	120	1	120
10 x 10	100	253	25300
10 x 12.5	125	6	750
10 x 15	150	100	15000
10 x 18	180	4	720
10 x 20	200	95	19000
10 x 25	250	42	10500
10 x 30	300	43	12900
15 x 50	750	4	3000
TOTAL		840	103,228
AVERAGE UNIT SIZE			122.89
GROSS BUILDING AREA			125,865
EFFICIENCY			82.01%

HERCULES SELF STORAGE

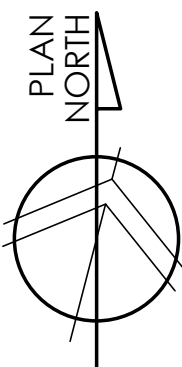
HERCULES, CA

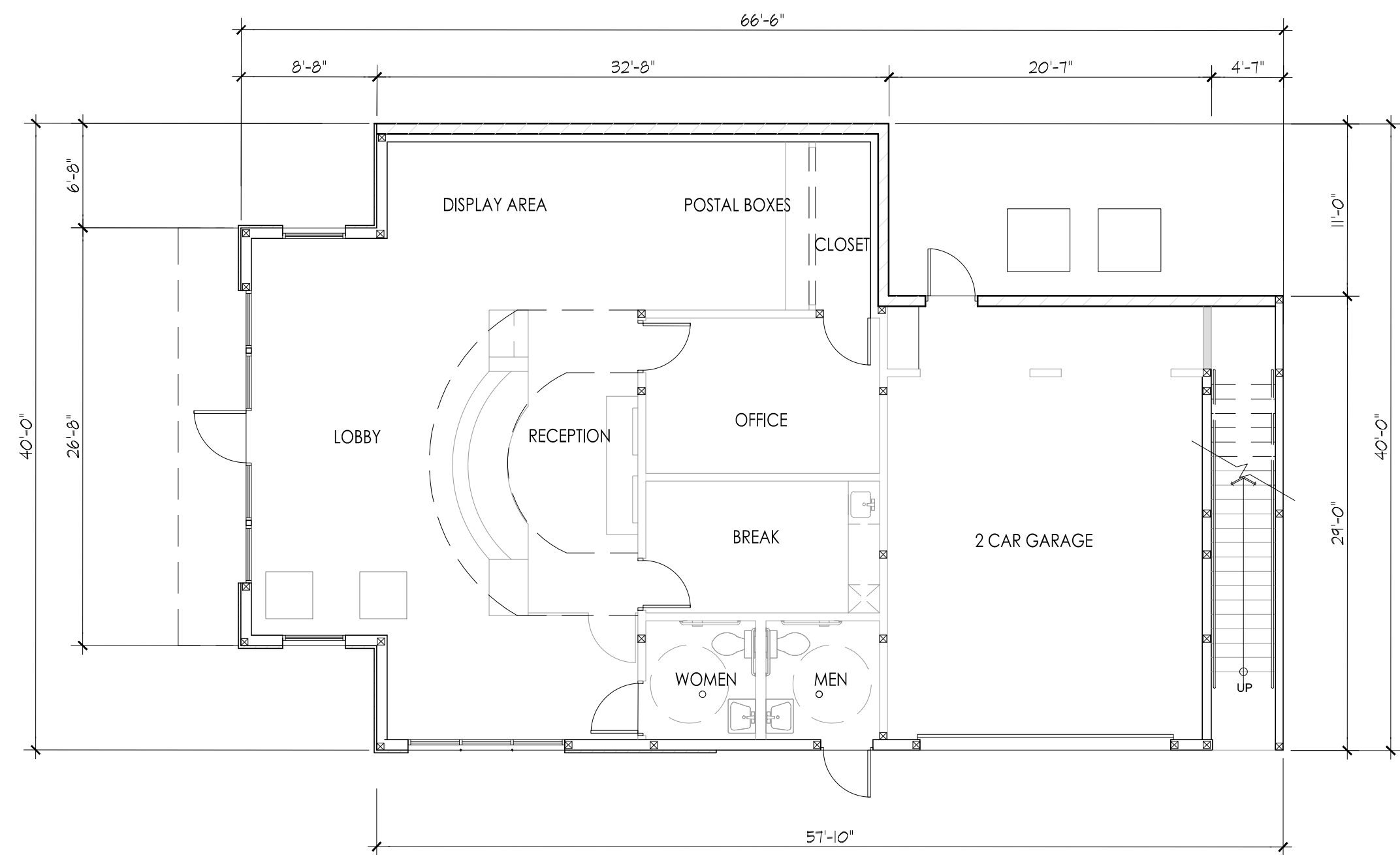
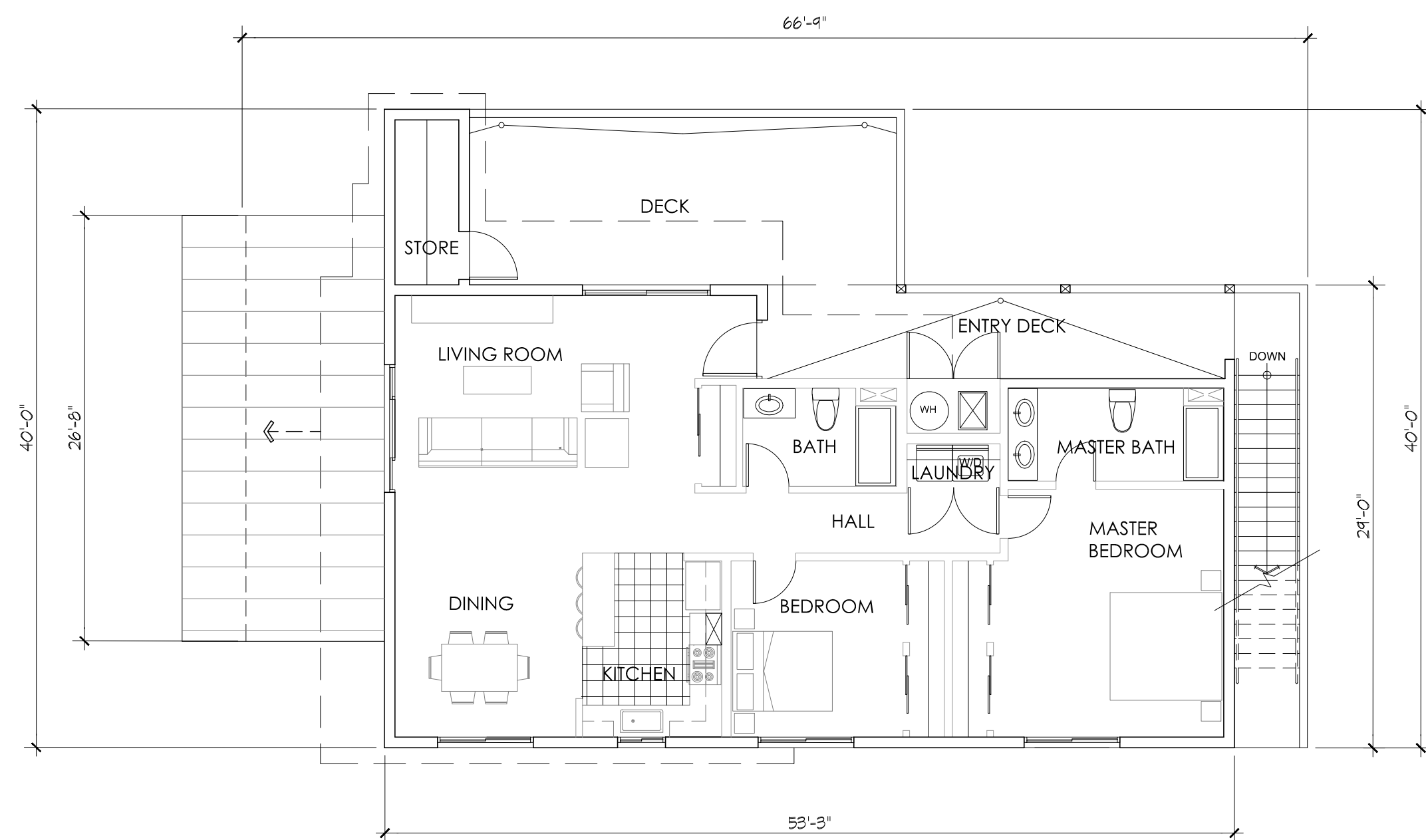
UNITMIX PLAN

1/4/2018

SCALE : 1" = 20'-0"

2016-170





HERCULES SELF STORAGE

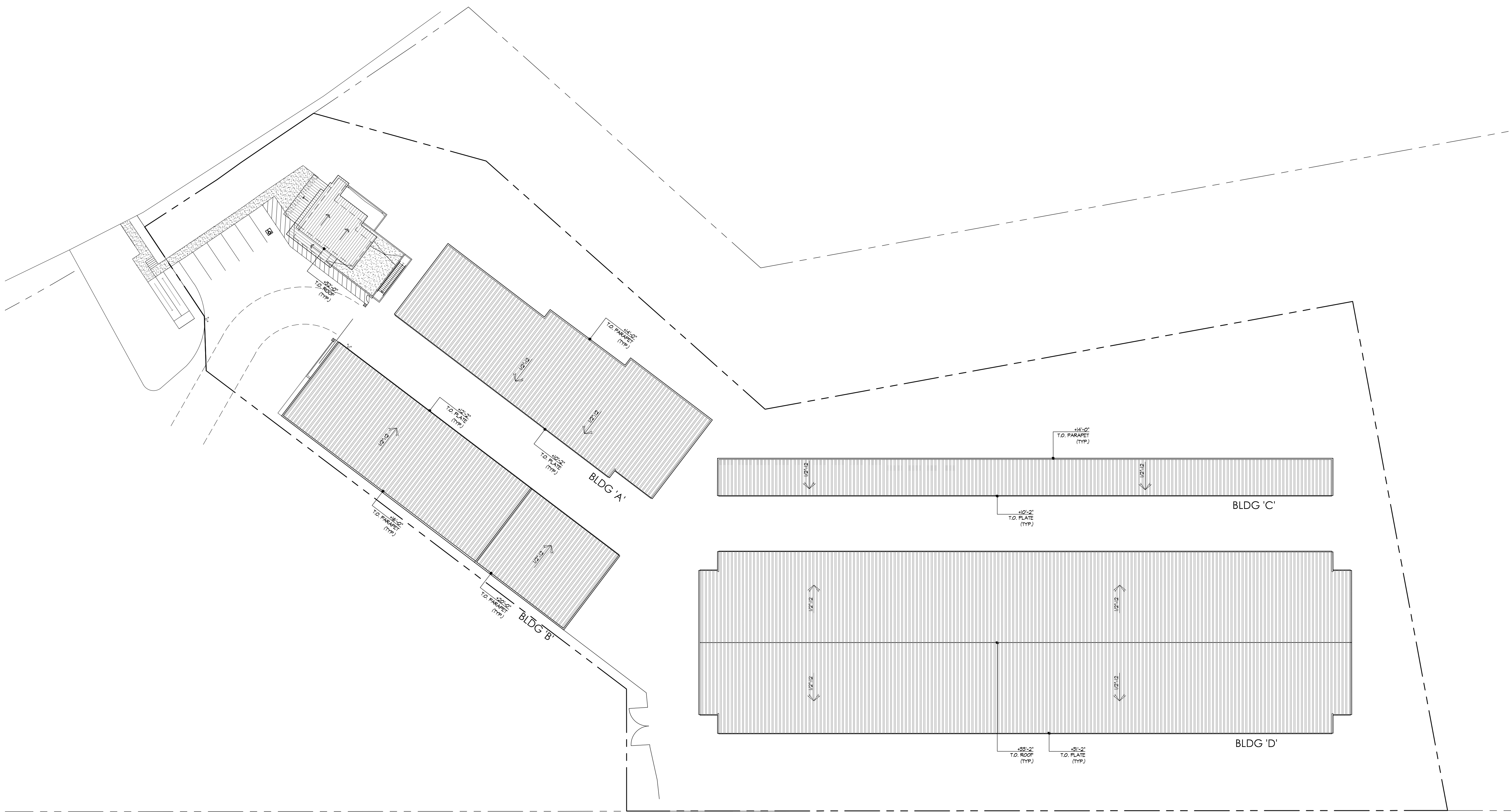
HERCULES, CA

OFFICE & APARTMENT

12/18/2017

SCALE : 1/8" = 1'-0"

2016-170



HERCULES SELF STORAGE

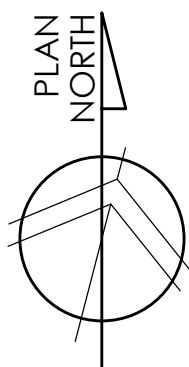
HERCULES, CA

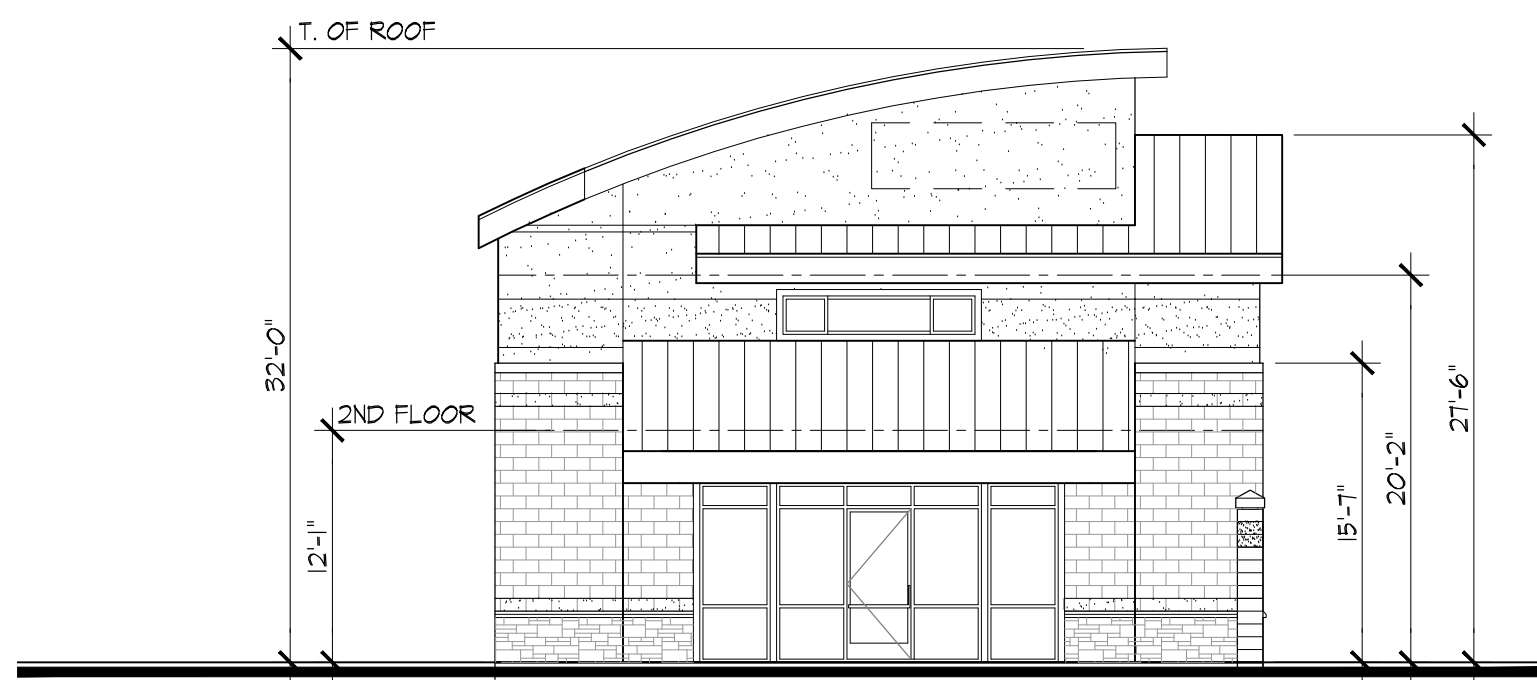
ROOF PLAN

SCALE : 1" = 30'-0"

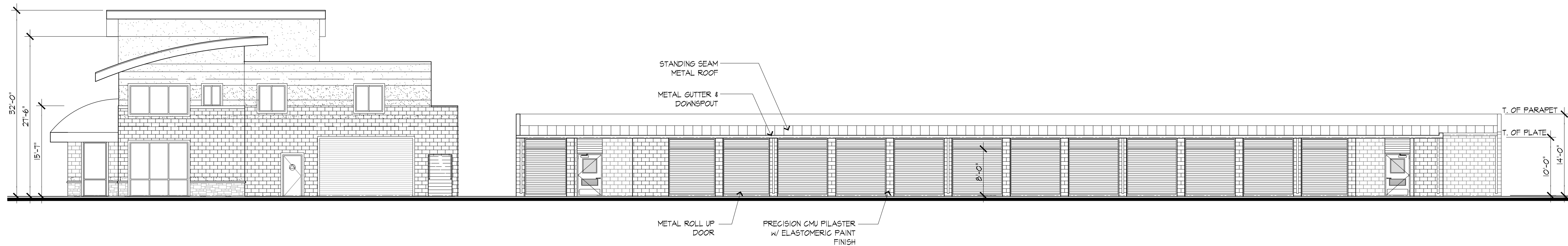
4/1/2018

2016-170

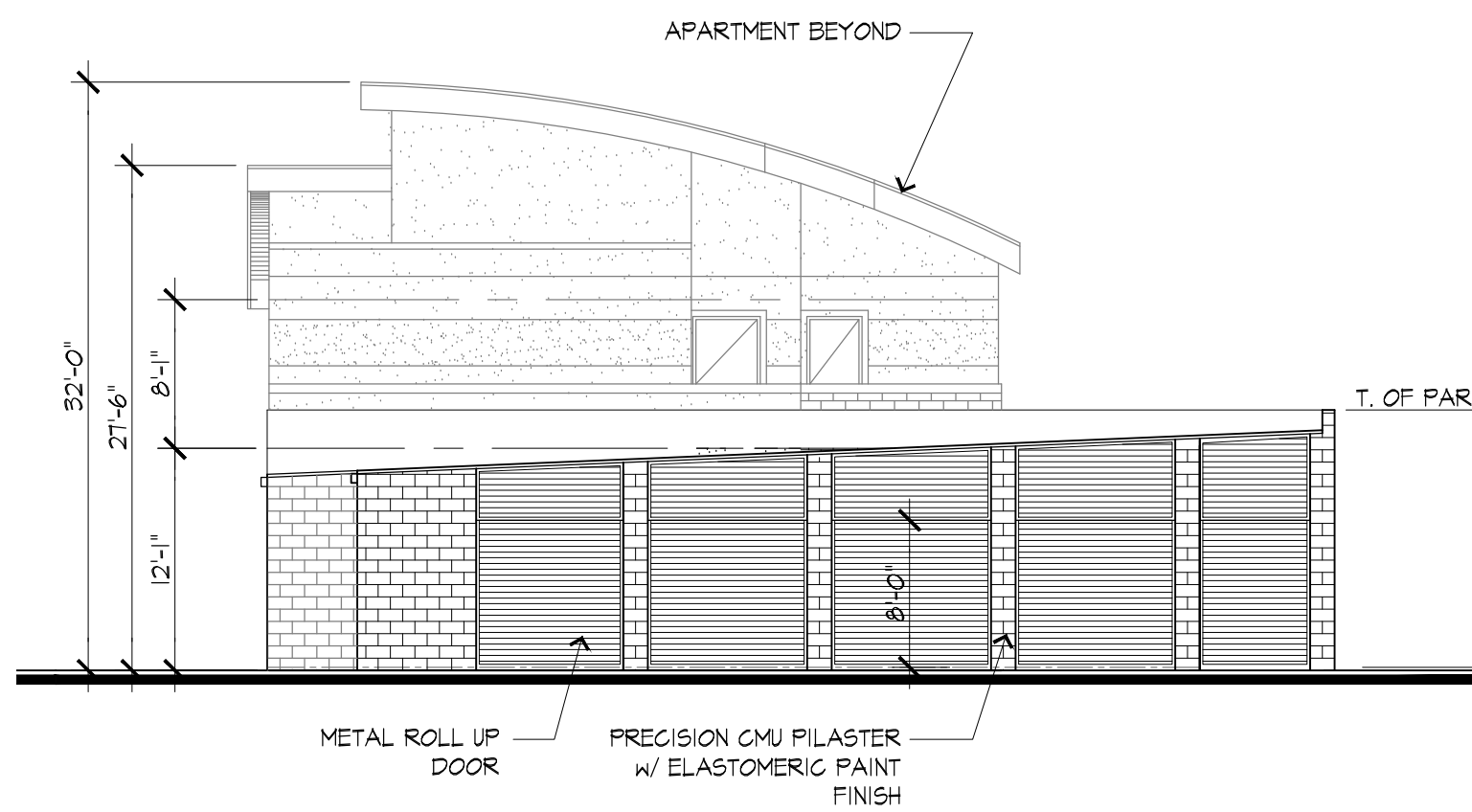




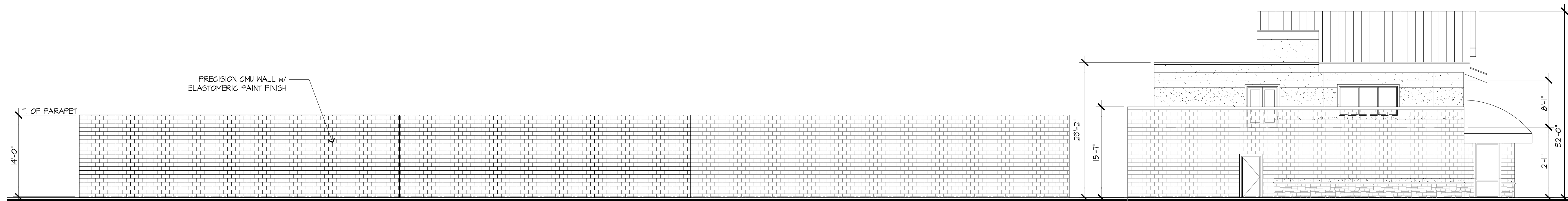
OFFICE & APT WEST ELEVATION



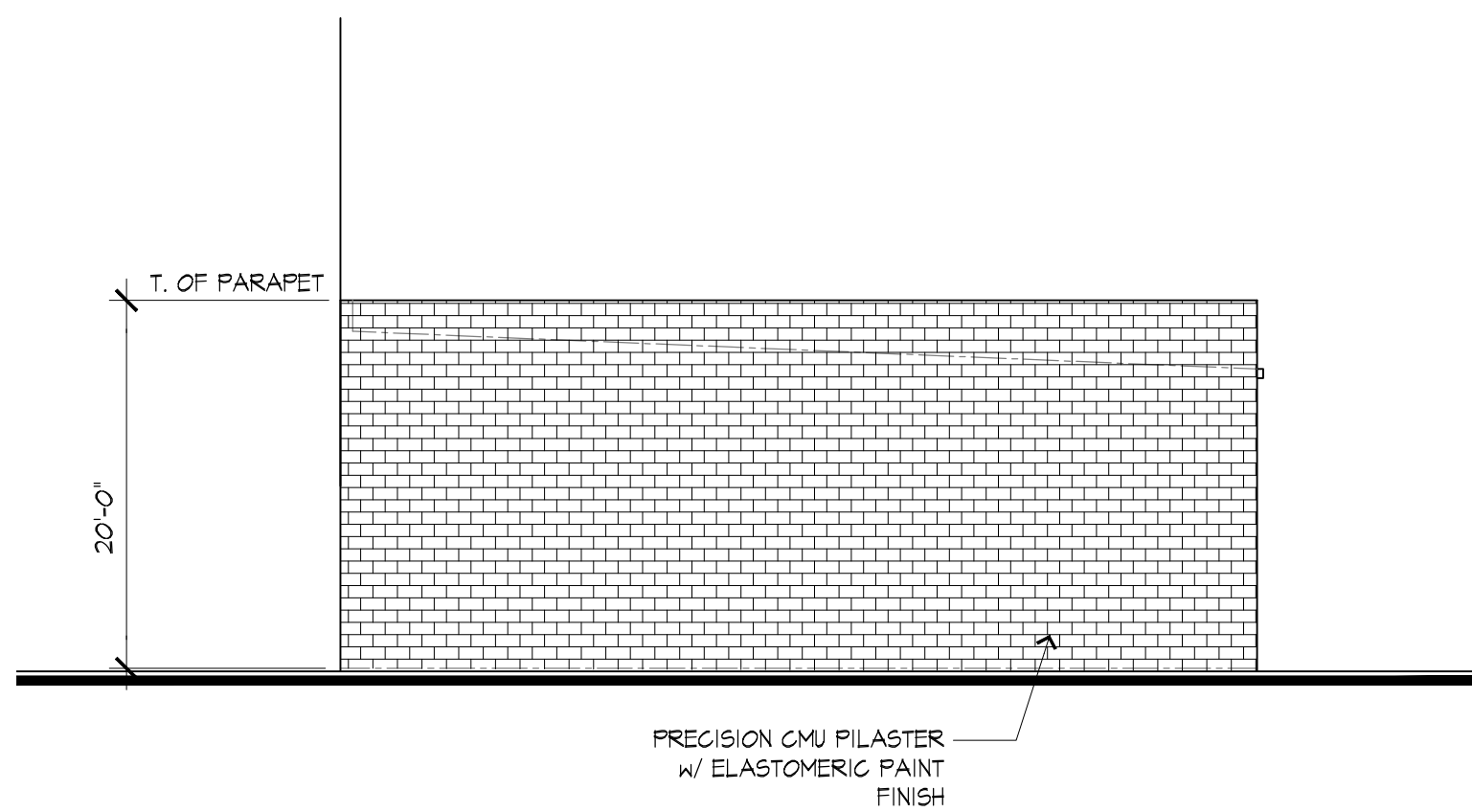
BLDG A SOUTH ELEVATION



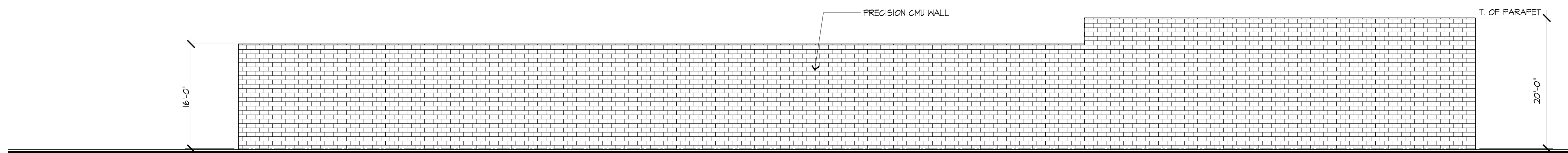
BLDG A EAST ELEVATION



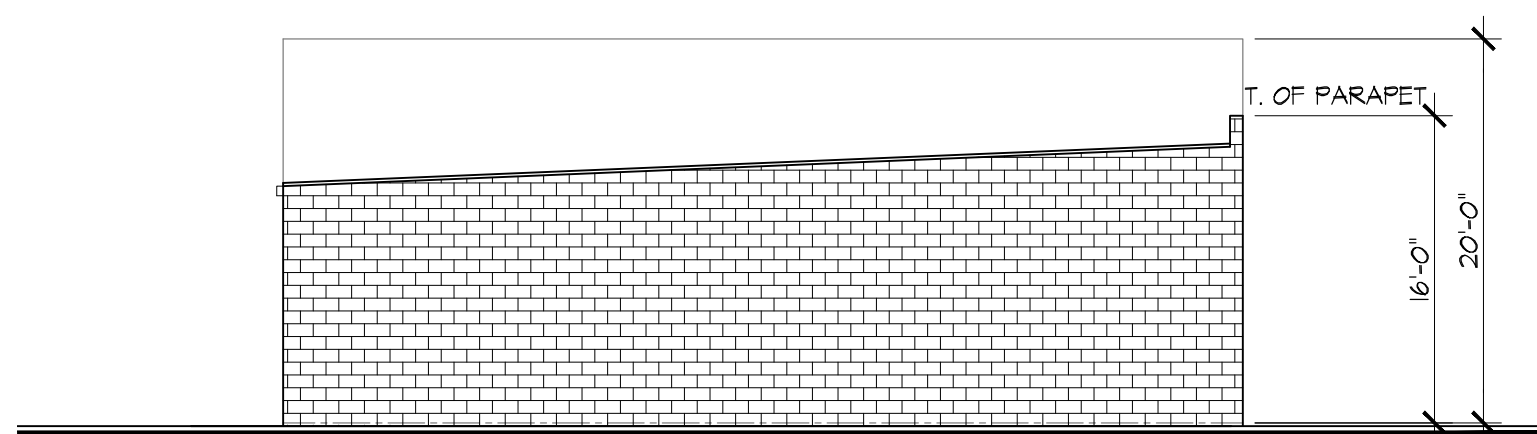
BLDG A NORTH ELEVATION



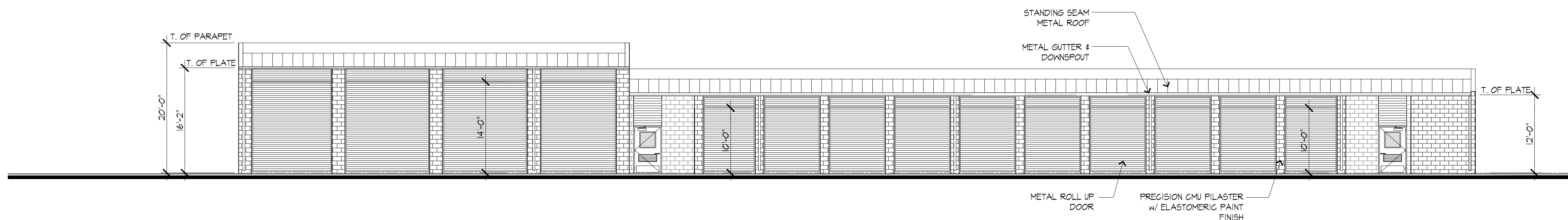
BLDG B EAST ELEVATION



BLDG B SOUTH ELEVATION



BLDG B WEST ELEVATION



BLDG B NORTH ELEVATION

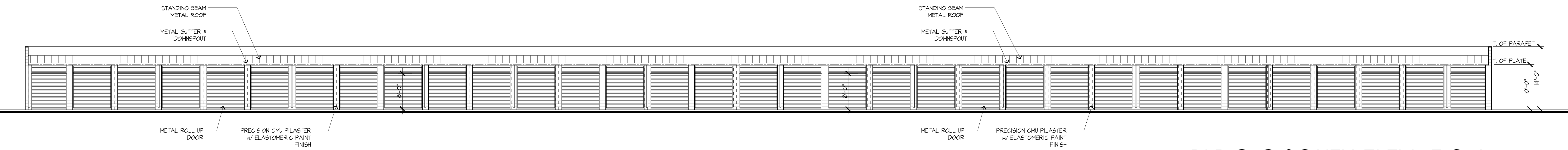
HERCULES SELF STORAGE

HERCULES, CA

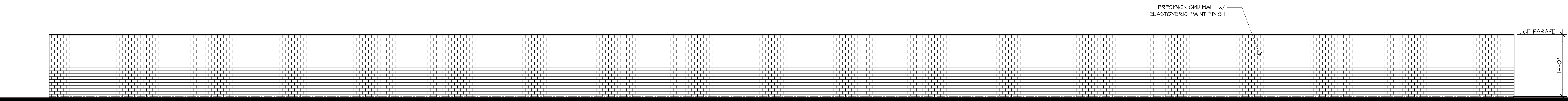
ELEVATIONS

1/4/18

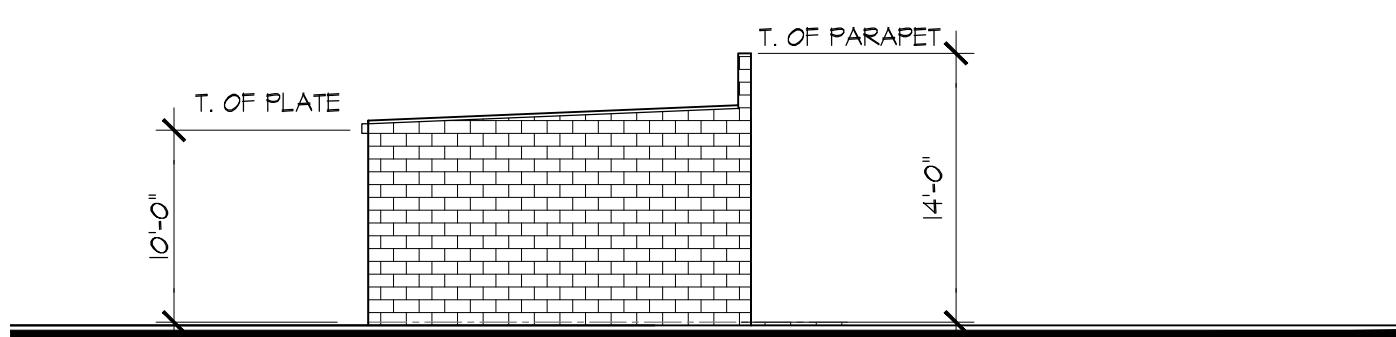
SCALE: 1" = 30'-0"



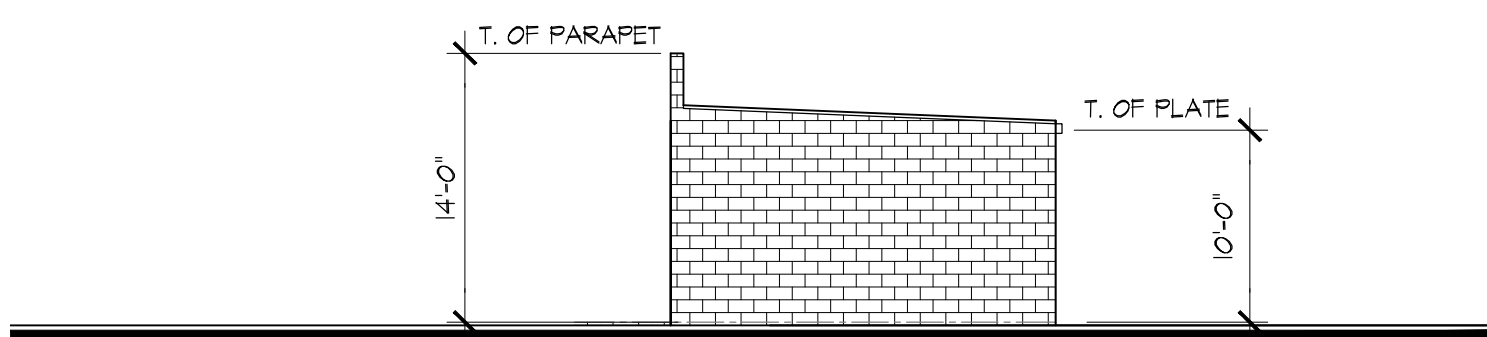
BLDG C SOUTH ELEVATION



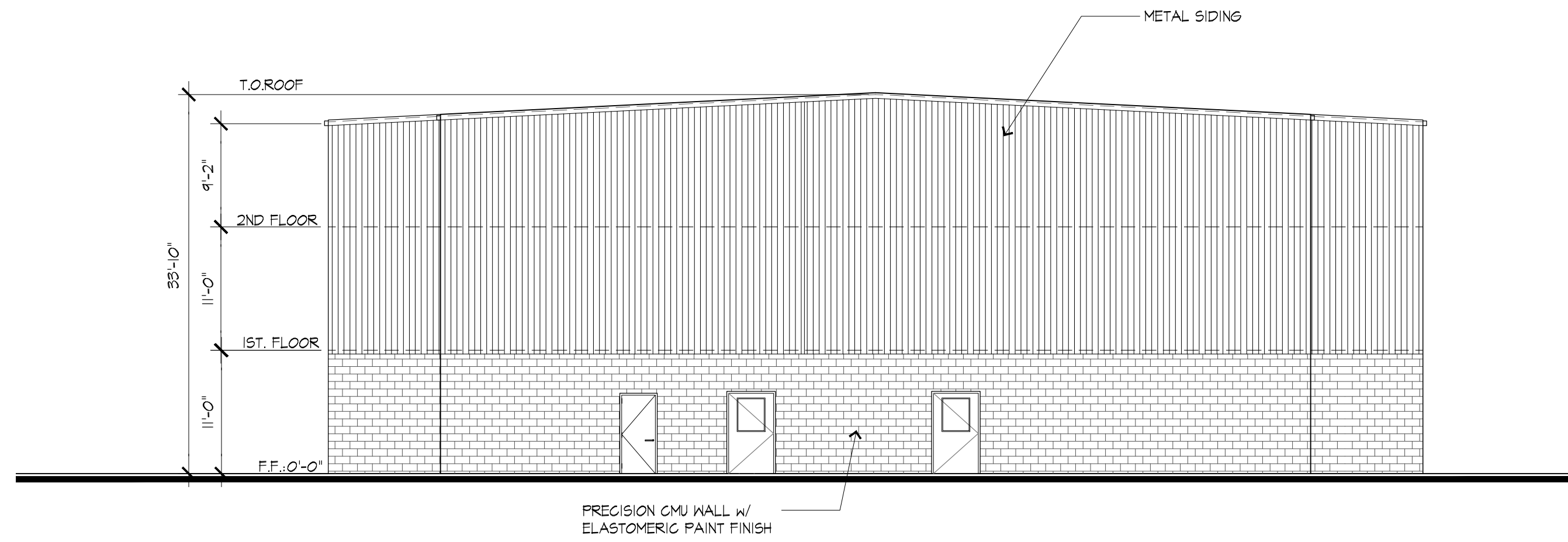
BLDG C NORTH ELEVATION



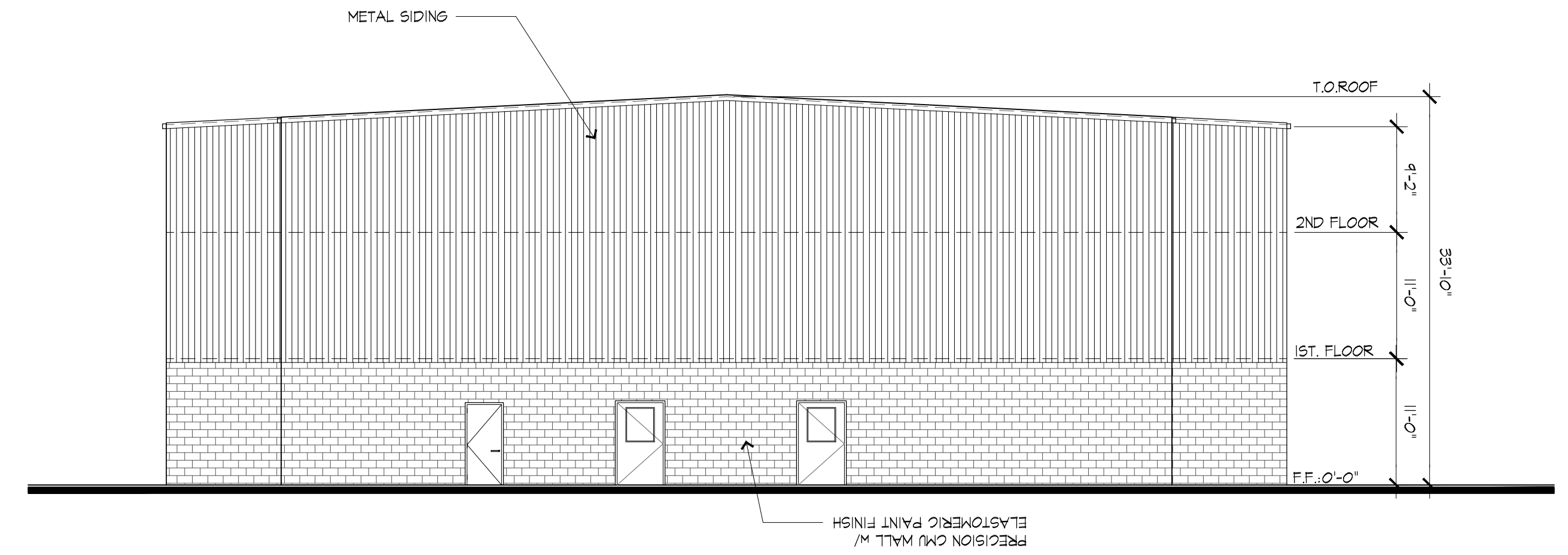
BLDG C EAST ELEVATION



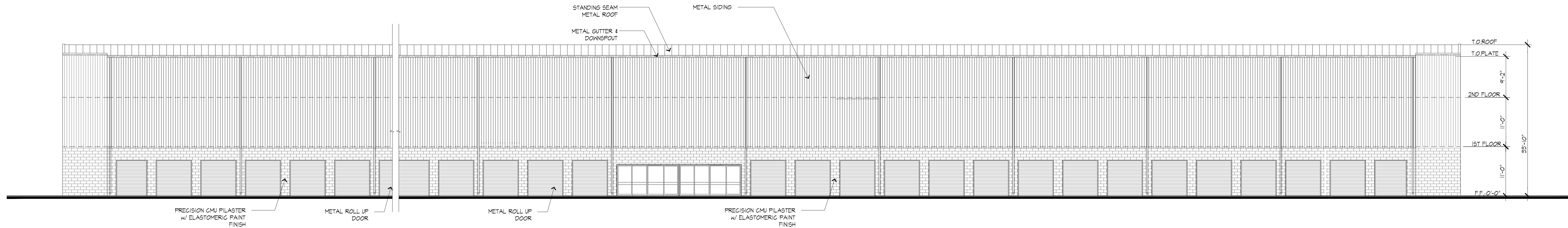
BLDG C WEST ELEVATION



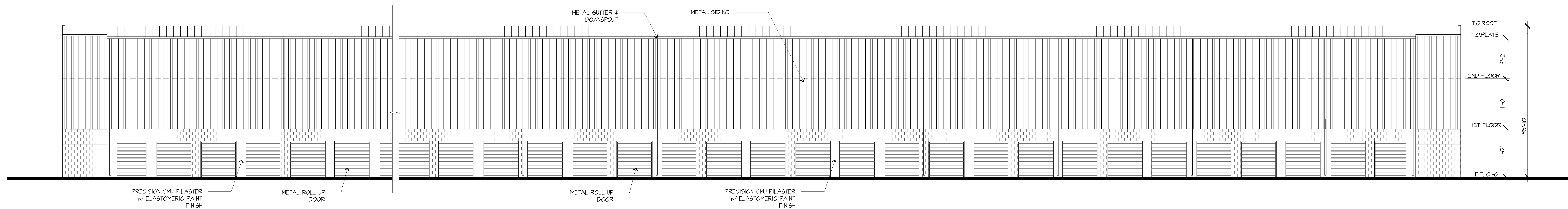
BLDG D EAST ELEVATION



BLDG D WEST ELEVATION



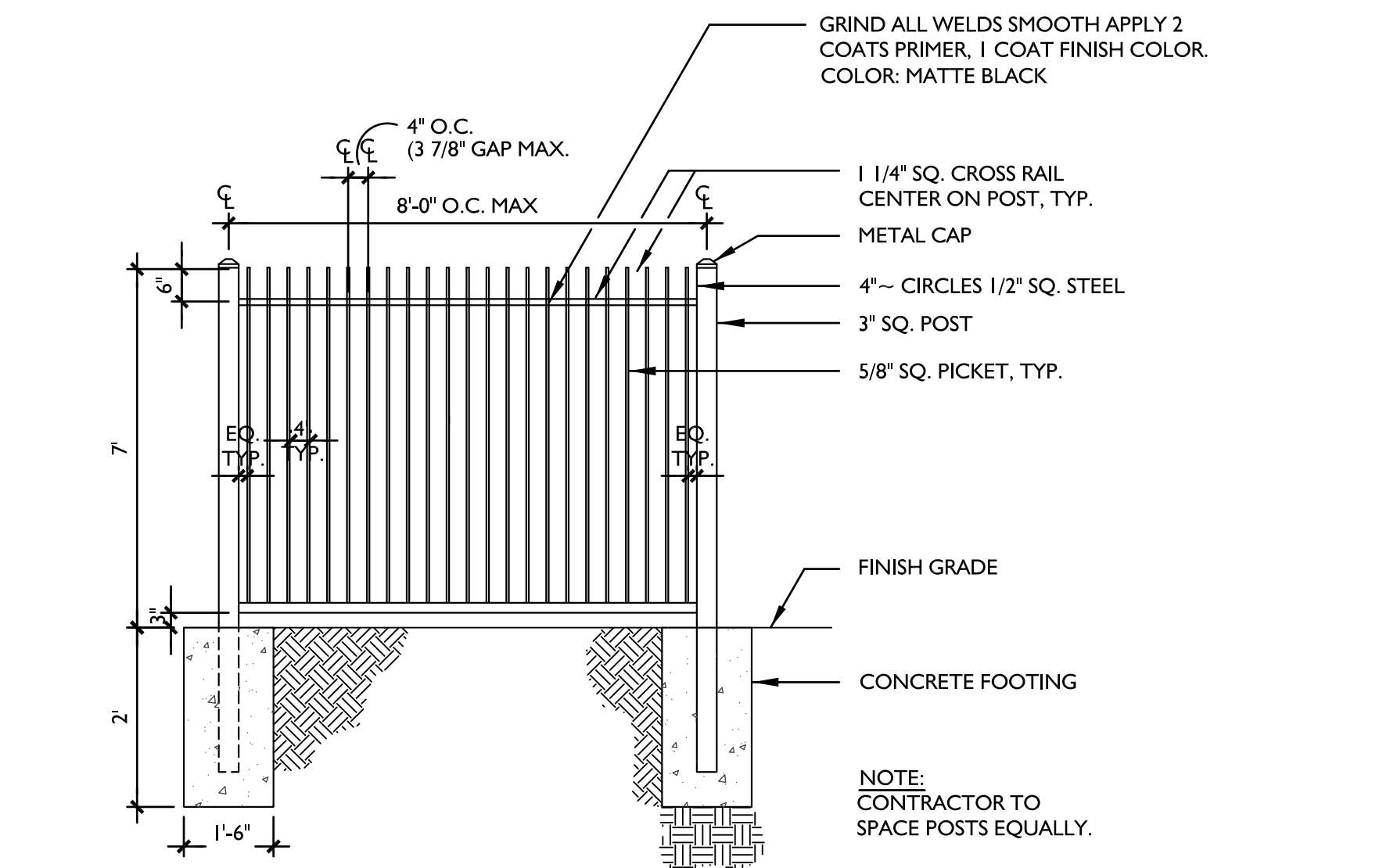
BLDG D SOUTH ELEVATION



BLDG D NORTH ELEVATION

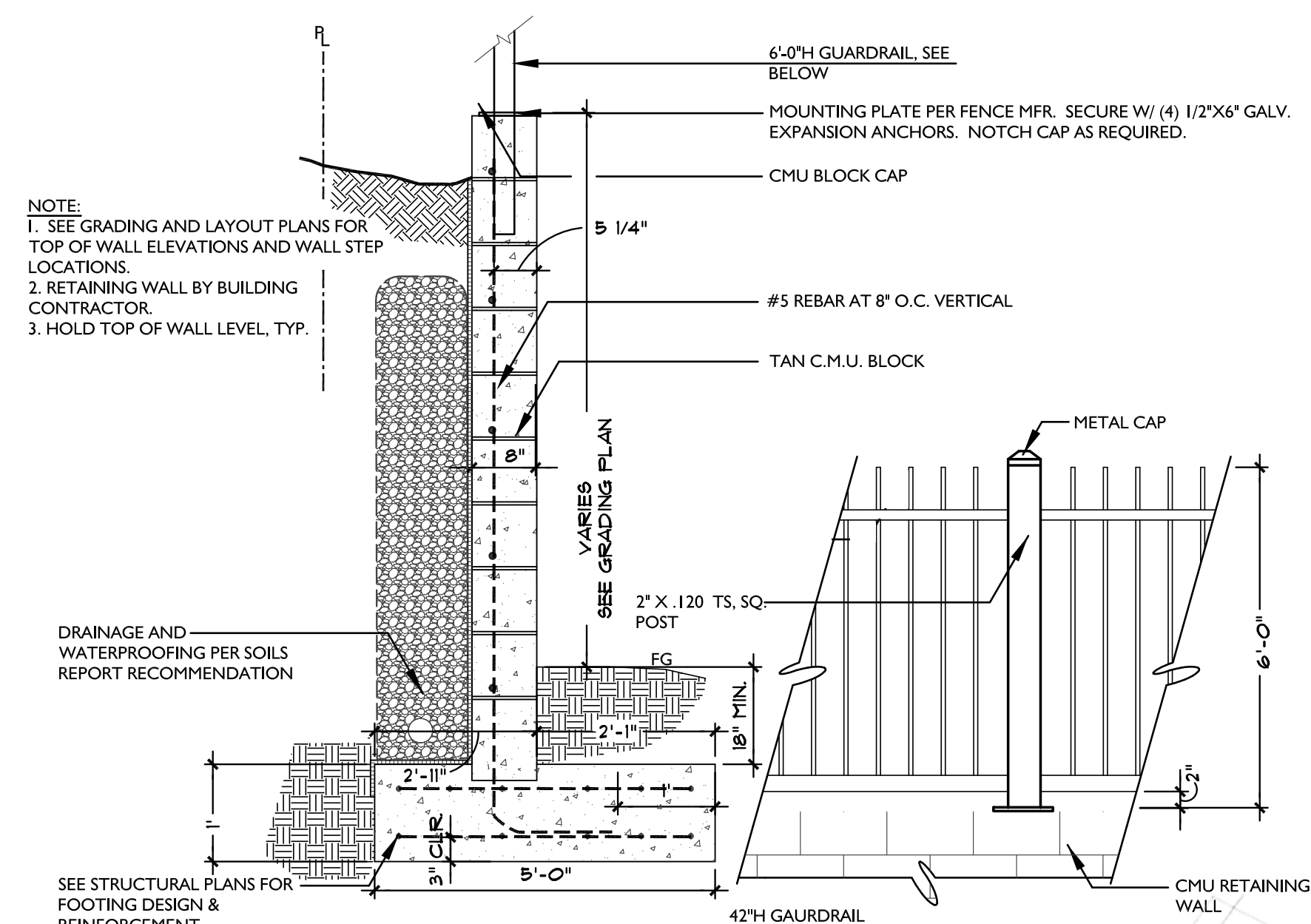
Parking Lot Light Pole





7'H ORNAMENTAL METAL FENCE

SCALE: 3/8" = 1'-0"

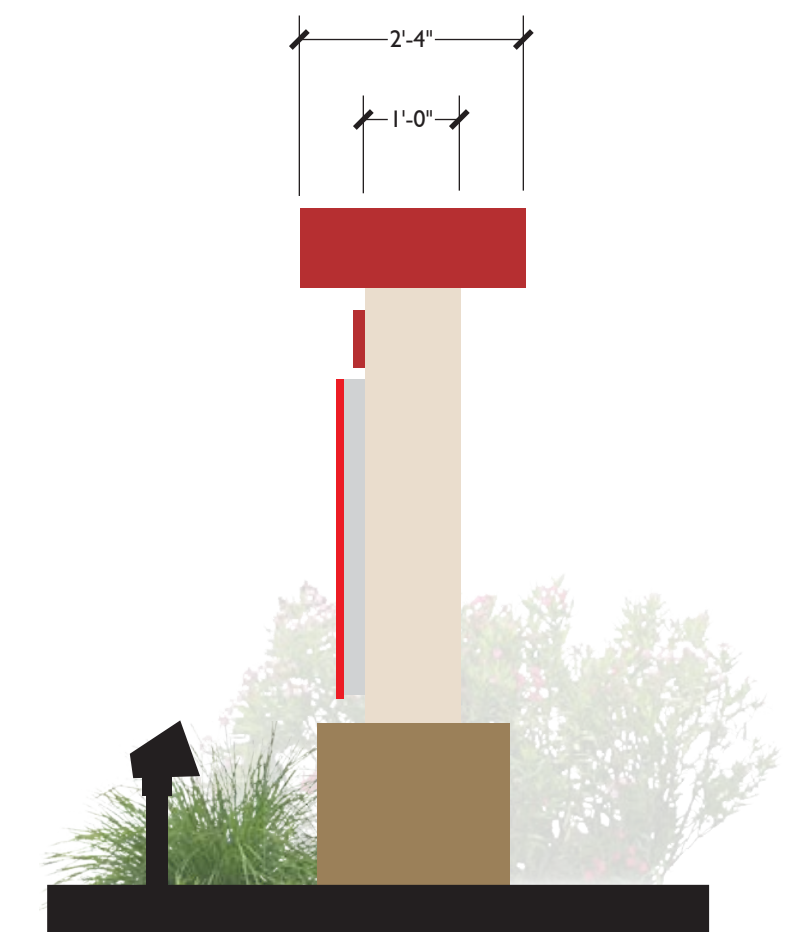


CMU RETAINING WALL

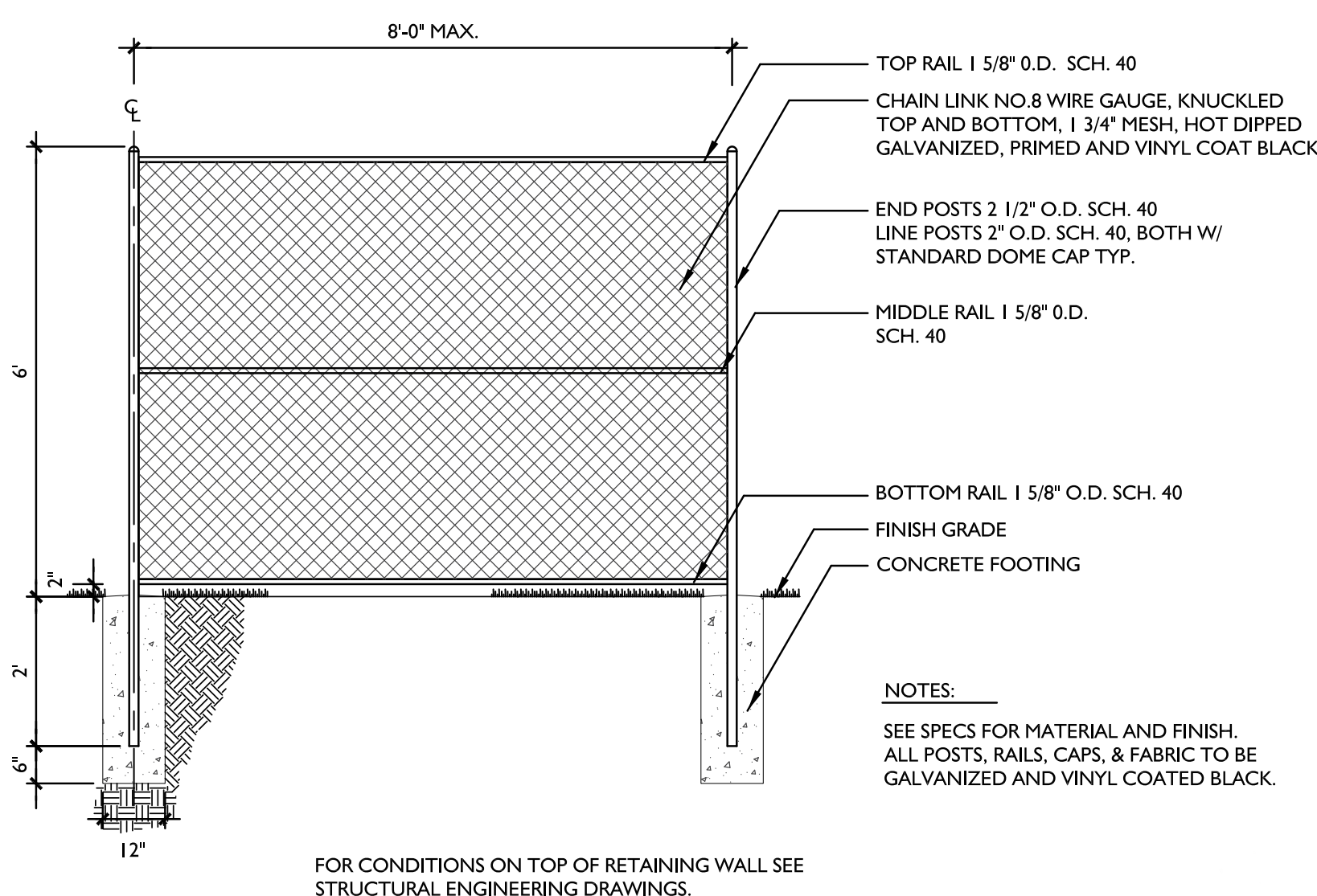
SCALE: 3/4" = 1'-0"



Front View
Scale: 1/2" = 1'-0"
Colors and materials to match architecture



Side View
Scale: 1/2" = 1'-0"
External lighting - type and distance TBD



6' CHAIN LINK FENCE

SCALE: 1/2" = 1'-0"



- Tan CMU Wall w/ Ornamental Iron Fence or Black Vinyl Coated Chain Link Where Occurs
- - - Chainlink Fence w/ Black Vinyl Coating
- Ornamental Iron Fence

PLANT IMAGES

TREES



Acer rubrum 'Armstrong'
Armstrong Red Maple



Arbutus x marina
Arbutus Standard



Cercis occidentalis
Western Redbud



Geijera parviflora
Australian Willow



Lagerstroemia i. 'Muskogee'
Muskogee Crape Myrtle



Photinia x fraseri
Photinia



Pistacia chinensis
Chinese Pistache Multi-Trunk
(Street Tree)



Quercus agrifolia
Coast Live Oak



Robinia x ambigua
Pink Flowering Locust
(Street Tree)



Tilia cordata
Littleleaf Linden
(Street Tree)



Ulmus parvifolia
Chinese Elm
(Street Tree)



Zelkova serrata
City Sprite Zelkova
(Street Tree)

SHRUBS/VINE/GROUNDCOVERS



Carex phyllocephala
Sedge



Dietes vegeta
African Iris



Erica x darleyensis
Darley Heath



Euonymus fortunei
Emerald Gaiety Euonymus



Hemerocallis x bitsy
Yellow Daylily



Juncus patens
California Gray Rush



Lavandula angustifolia
English Lavender



Leymus triticoides
Wild Rye



Liriope muscari
Lily Turf



Lomandra longifolia 'Breeze'
Dwarf Mat Rush



Phormium tenax 'Yellow Wave'
New Zeland Flax



Rosmarinus officinalis
Rosemary



Salvia officinalis
Garden Sage



Thymus vulgaris
Common Thyme



Wisteria frutescens
American Wisteria



Cistus salvifolius
Sageleaf Rockrose



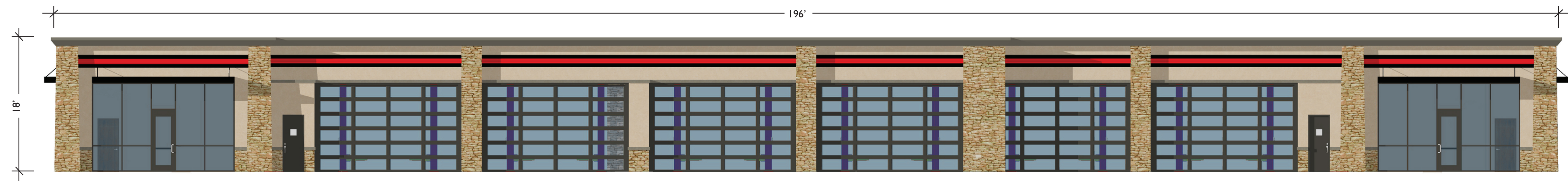
Myoporum parvifolium
Putah Creek Myoporum



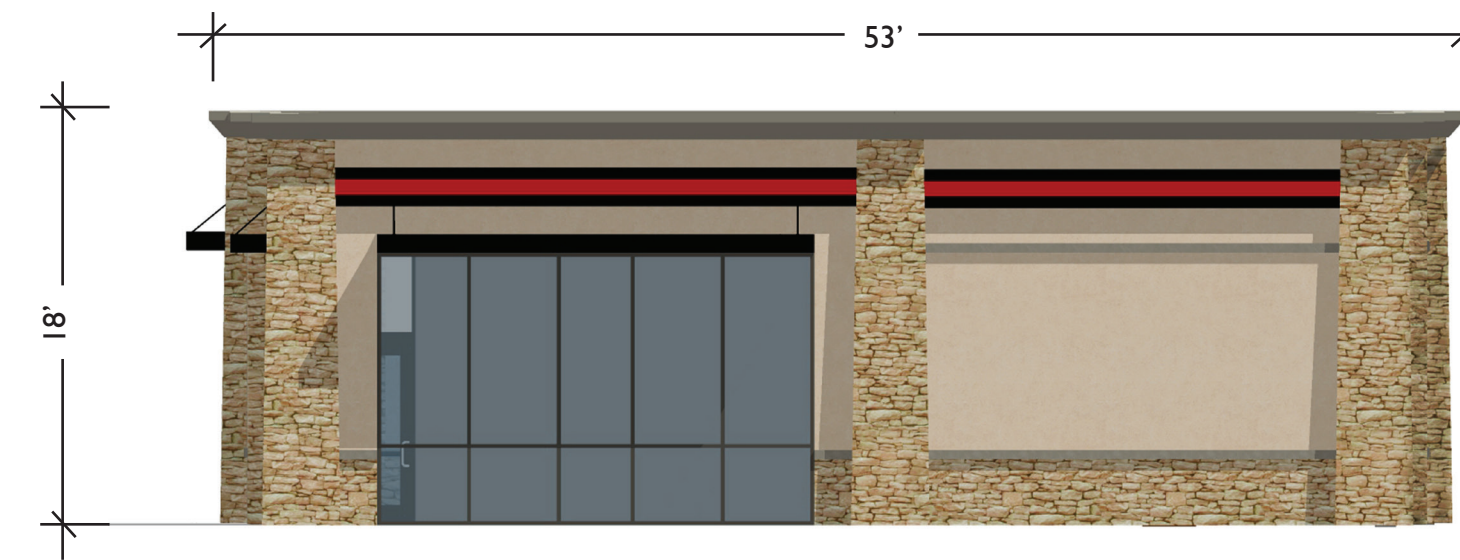
Osteospermum fruticosum
Freeway Daisy

PLANT LIST

BOTANICAL NAME	COMMON NAME	WATER USE
STREET TREES		
Pistacia chinensis	Chinese Pistache (Multi-Trunk)	L
Robinia x ambigua	Pink Flowering Locust	L
Tilia cordata	Littleleaf Linden	M
Ulmus parvifolia	Chinese Elm	L
Zelkova serrata	City Sprite Zelkova	M
ACCENT TREES		
Acer rubrum 'Armstrong'	Armstrong Red Maple	M
Arbutus x 'Marina'	Strawberry Tree	L
Cercis Occidentalis	Western Redbud	VL
Geijera parvifolia	Australian Willow	M
Lagerstroemia 'Muskogee'	Muskogee Crape Myrtle	L
Photinia x fraseri	Photinia	M
Quercus agrifolia	Coast Live Oak	VL
SHRUBS/VINE/GROUNDCOVERS		
Carex phyllocephala	Sedge	M
Cistus salvifolius	Sageleaf Rockrose	L
Dietes vegeta	African Iris	L
Erica x darleyensis	Darley Heath	L
Euonymus fortunei	Emerald Gaeity Euonymus	M
Hemerocallis 'Bitsy'	Yellow Daylily	M
Juncus patens	California Grey Rush	L
Lavandula angustifolia	English Lavender	L
Leymus triticoides	Wild Rye	L
Liriope muscari	Lily Turf	M
Lomandra 'Breeze'	Dwarf Mat Rush	L
Myoporum parvifolium	putah Creek Myoporum	L
Osteospermum fruticosum	Freeway Daisy	L
Phormium 'Yellow Wave'	New Zealand Flax	L
Rosmarinus officinalis	Rosemary	L
Salvia officinalis	Garden Sage	L
Thmus vulgaris	Common Thyme	L
Westringia frutescens	American Westringia	L



FRONT VIEW

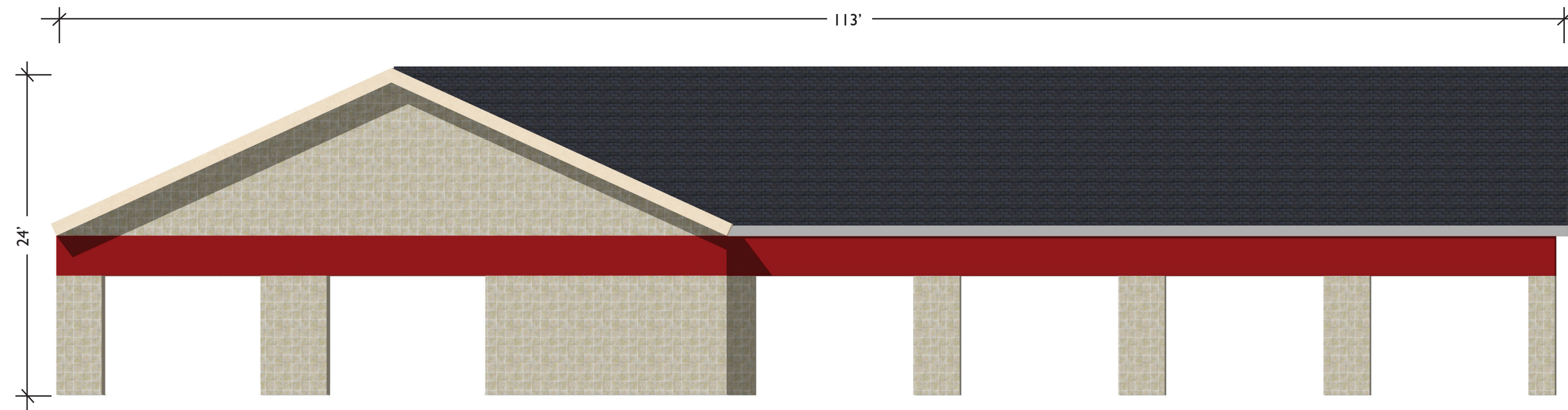


SIDE VIEW

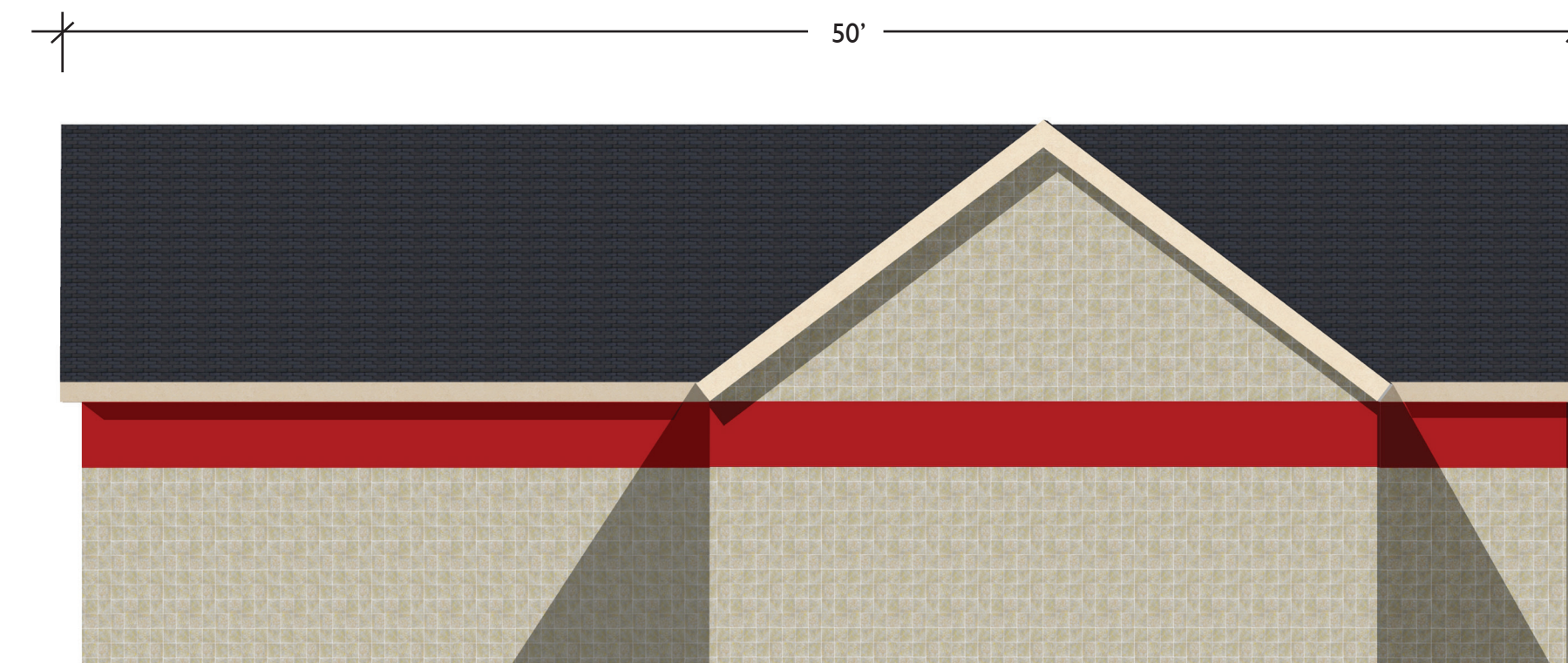


COMPARABLE ARCHITECTURE

CONCEPTUAL AUTO-SERVICES ELEVATION



FRONT VIEW

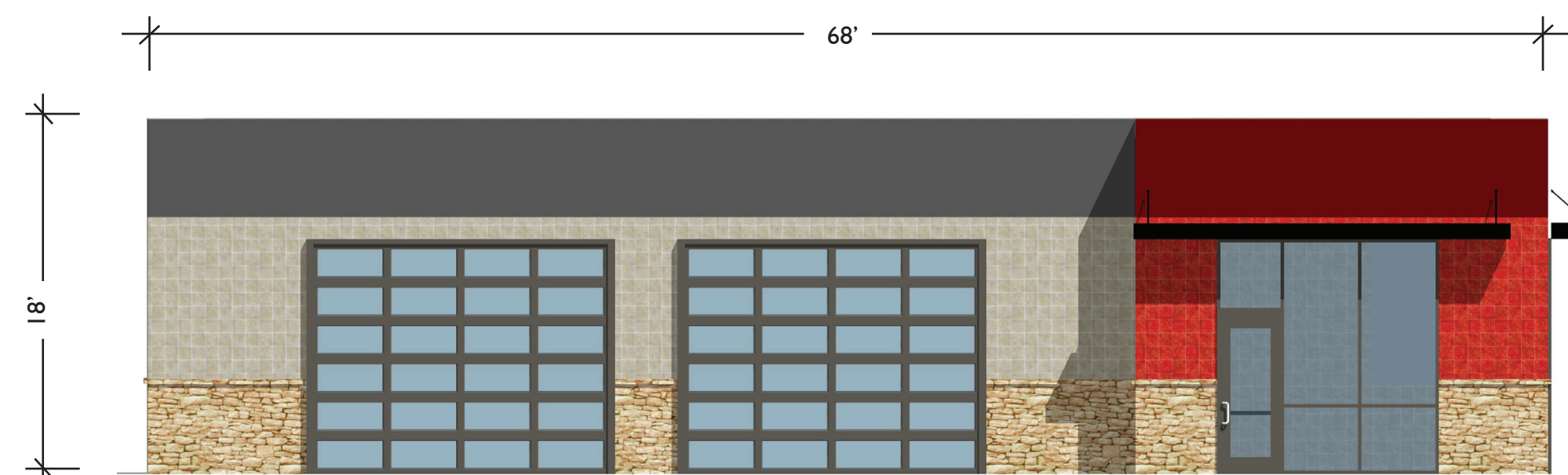


SIDE VIEW

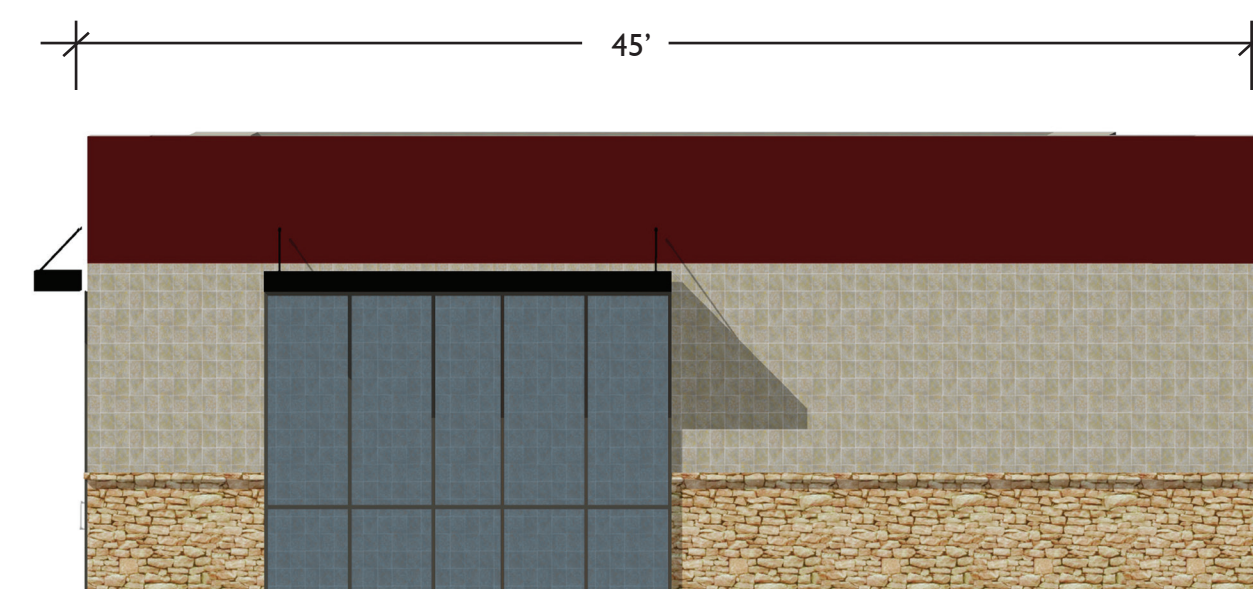


COMPARABLE ARCHITECTURE

CONCEPTUAL CAR WASH ELEVATION



FRONT VIEW



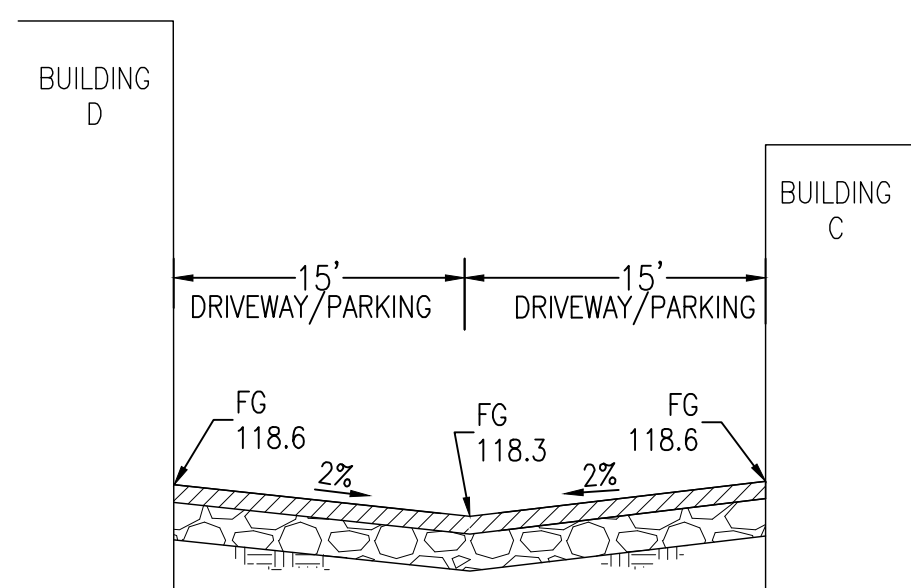
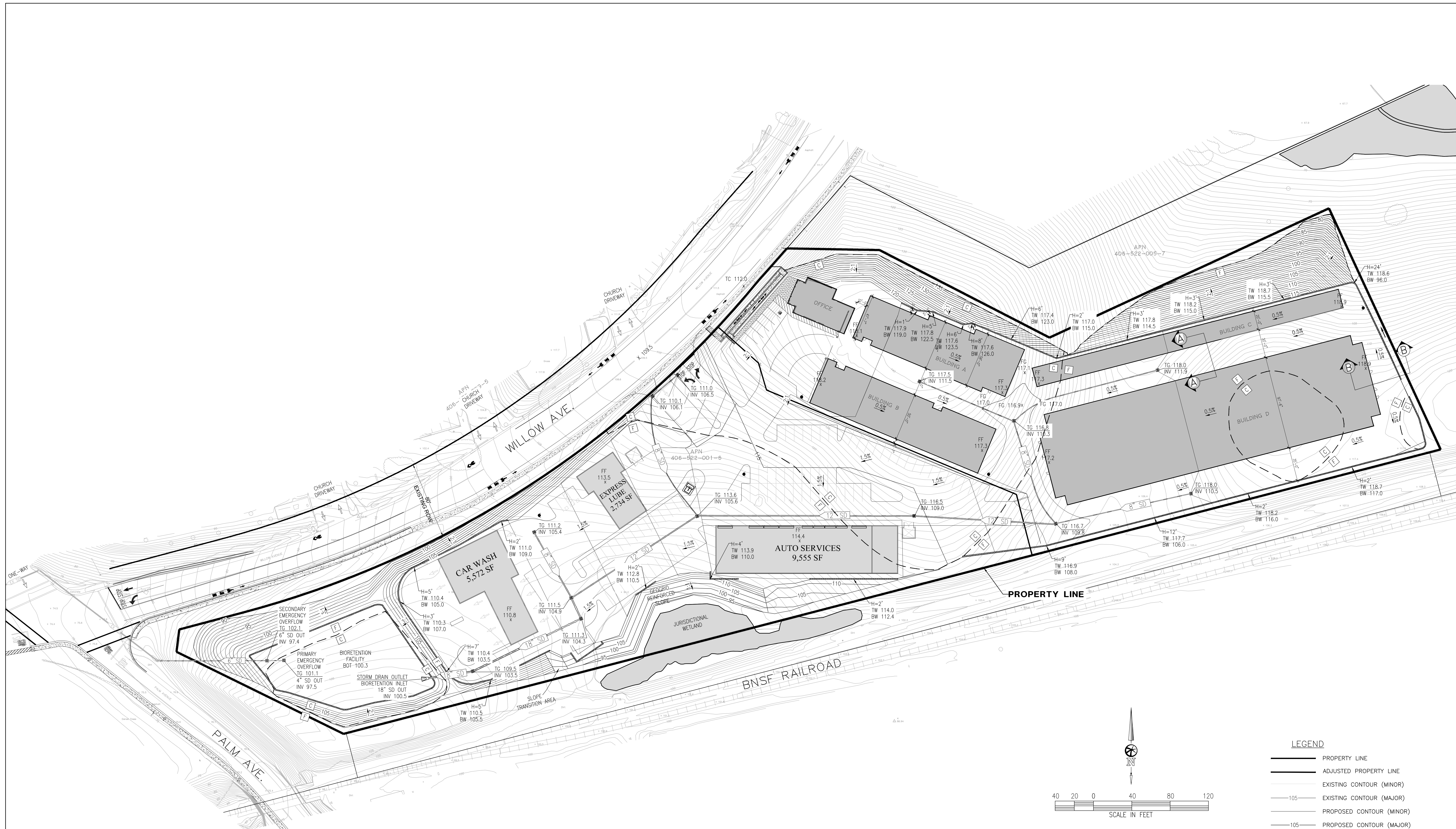
SIDE VIEW



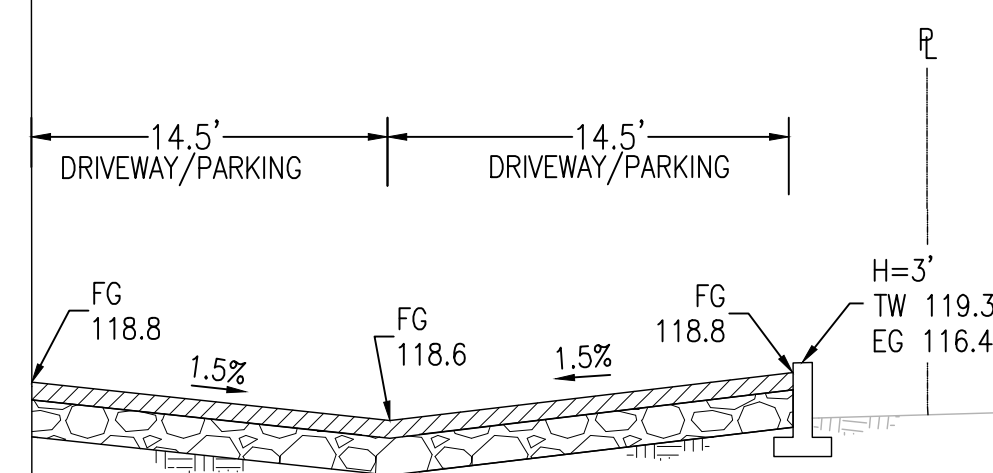
COMPARABLE ARCHITECTURE



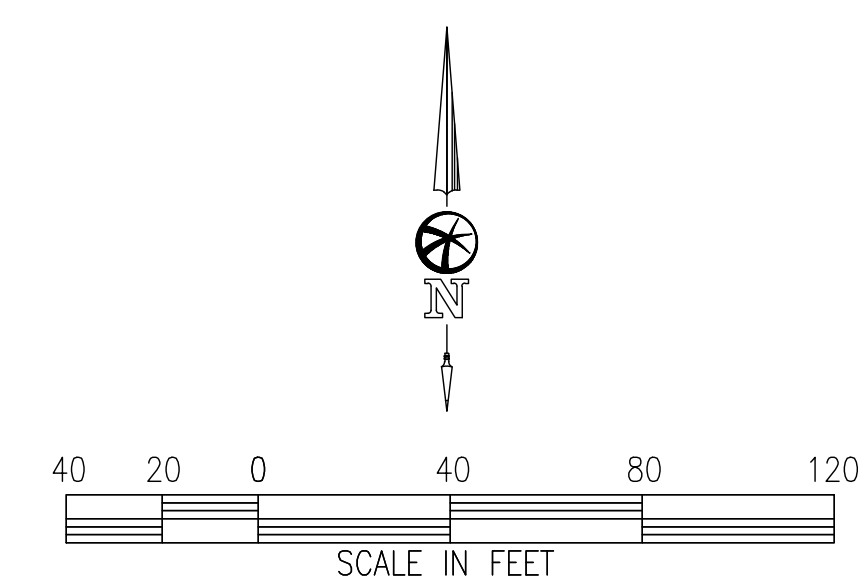
CONCEPTUAL EXPRESS LUBE ELEVATION



SECTION A-A
NOT TO SCALE



SECTION B-B
NOT TO SCALE



- LEGEND**
- PROPERTY LINE
 - ADJUSTED PROPERTY LINE
 - EXISTING CONTOUR (MINOR)
 - EXISTING CONTOUR (MAJOR)
 - PROPOSED CONTOUR (MINOR)
 - PROPOSED CONTOUR (MAJOR)
 - SLOPE - TOP & TOE
 - VALLEY GUTTER
 - PROPOSED STORM DRAIN LINE
 - RETAINING WALL
 - BUILDING OUTLINE
 - VERIFIED WETLAND
 - STORM DRAIN MANHOLE
 - STORM DRAIN INLET
 - CUT-FILL LINE

PRELIMINARY
NOT FOR CONSTRUCTION

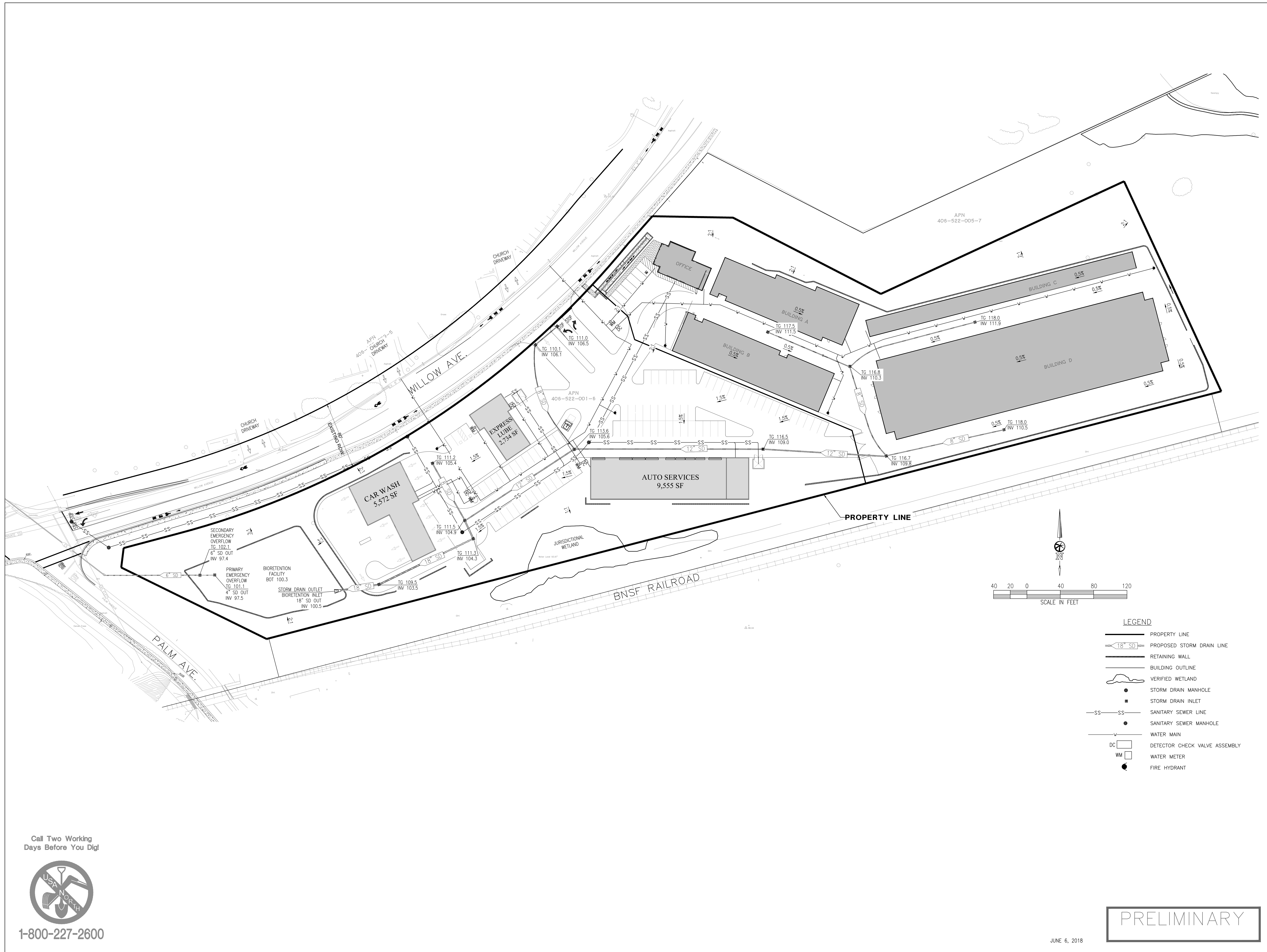
Call Two Working
Days Before You Dig!



1-800-227-2600

SHEET	1	OF	9	JOB NO. 17024	HERCULES	CONTRA COSTA COUNTY	CALIFORNIA	 NOT FOR CONSTRUCTION	 Bellecci & Associates, inc. Civil Engineering • Land Surveying 2290 Diamond Boulevard, Suite 100 Concord, CA 94520 Phone (925) 685-4569 Fax (925) 685-4638	DATE	REVISIONS
										BY	

MAY 30, 2018



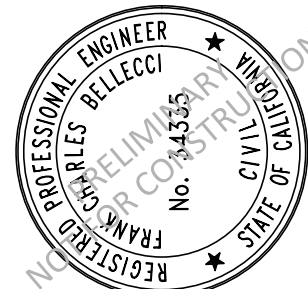
Call Two Working
Days Before You Dig!



1-800-227-2600

JUNE 6, 2018

PRELIMINARY

SHEET 2 OF 9	WILLOW AVENUE COMMERCIAL CENTER PRELIMINARY UTILITY PLAN	HERCULES CONTRA COSTA COUNTY CALIFORNIA		 Bellecci & Associates, inc. Civil Engineering • Land Surveying 2290 Diamond Boulevard, Suite 100 Concord, CA 94520 Phone (925) 885-4569 Fax (925) 885-4838	REVISIONS
					DATE
JOB NO. 17024					

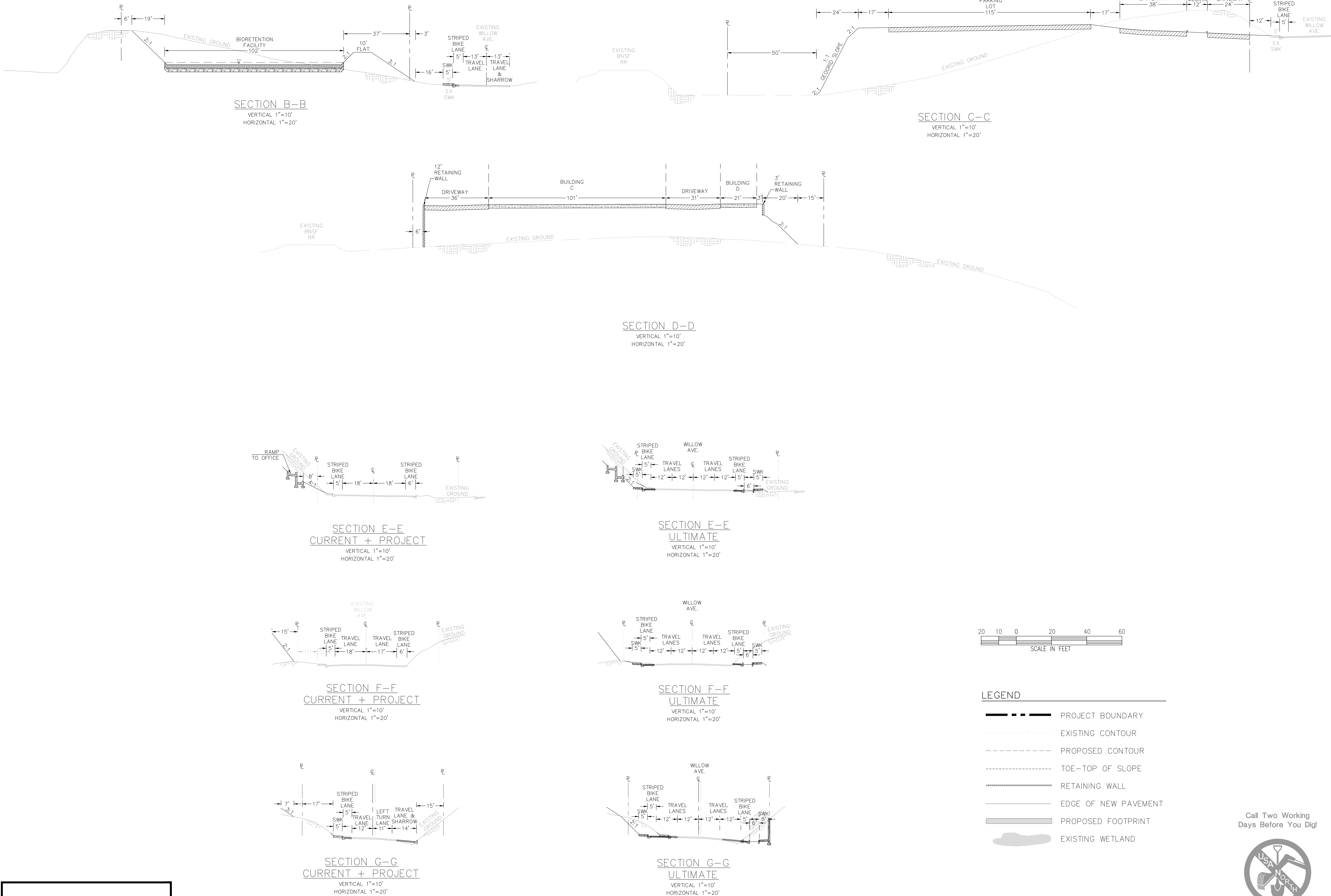
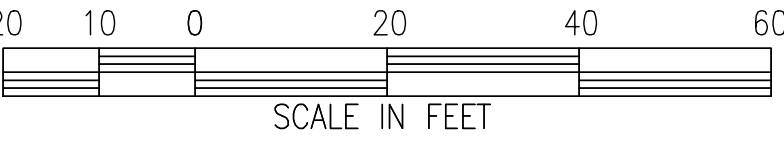
PRELIMINARY

DATE UPDATED: JUNE 6, 2018

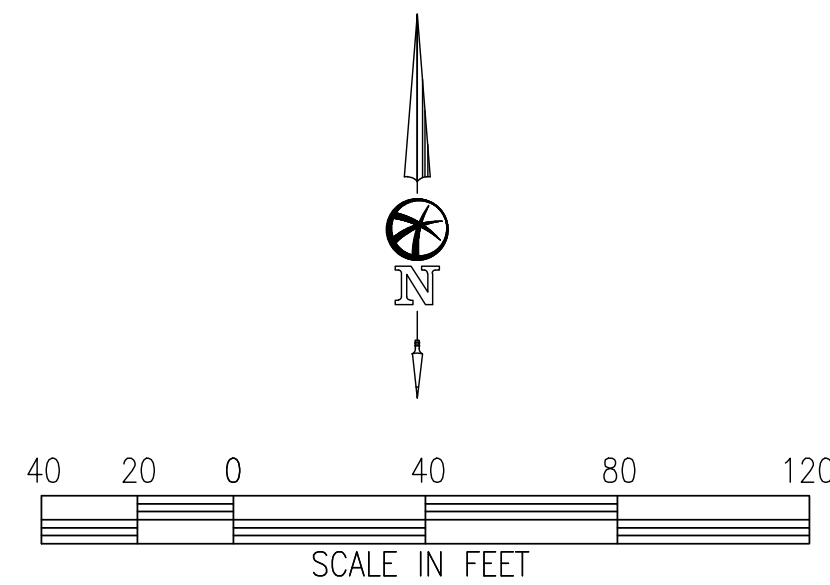


Call Two Working
Days Before You Dig!

- LEGEND
- PROJECT BOUNDARY
 - EXISTING CONTOUR
 - PROPOSED CONTOUR
 - TOE-TOP OF SLOPE
 - RETAINING WALL
 - EDGE OF NEW PAVEMENT
 - PROPOSED FOOTPRINT
 - EXISTING WETLAND



WILLOW AVENUE COMMERCIAL CENTER	DESIGN REVIEW
PROPOSED SITE SECTIONS	
HERCULES	CONTRA COSTA COUNTY CALIFORNIA
SHEET 4	OF 9
JOB NO. 17024	DATE
REVISIONS	
Bellecci & Associates, inc. Civil Engineering • Land Surveying 2290 Diamond Boulevard, Suite 100 Concord, CA 94620 Phone (925) 685-4699 Fax (925) 685-4638	



IMP SIZING SUMMARY

SELF-TREATING AREAS	
DMA NAME	AREA (SF)
DMA 1	33,934
DMA 10	578
DMA 11	3,710
DMA 12	868
DMA 15	30,011
DMA 16	502
DMA 22	534
DMA 23	19,427

SELF-RETAINING AREAS	
DMA NAME	AREA (SF)
DMA 17	1,124

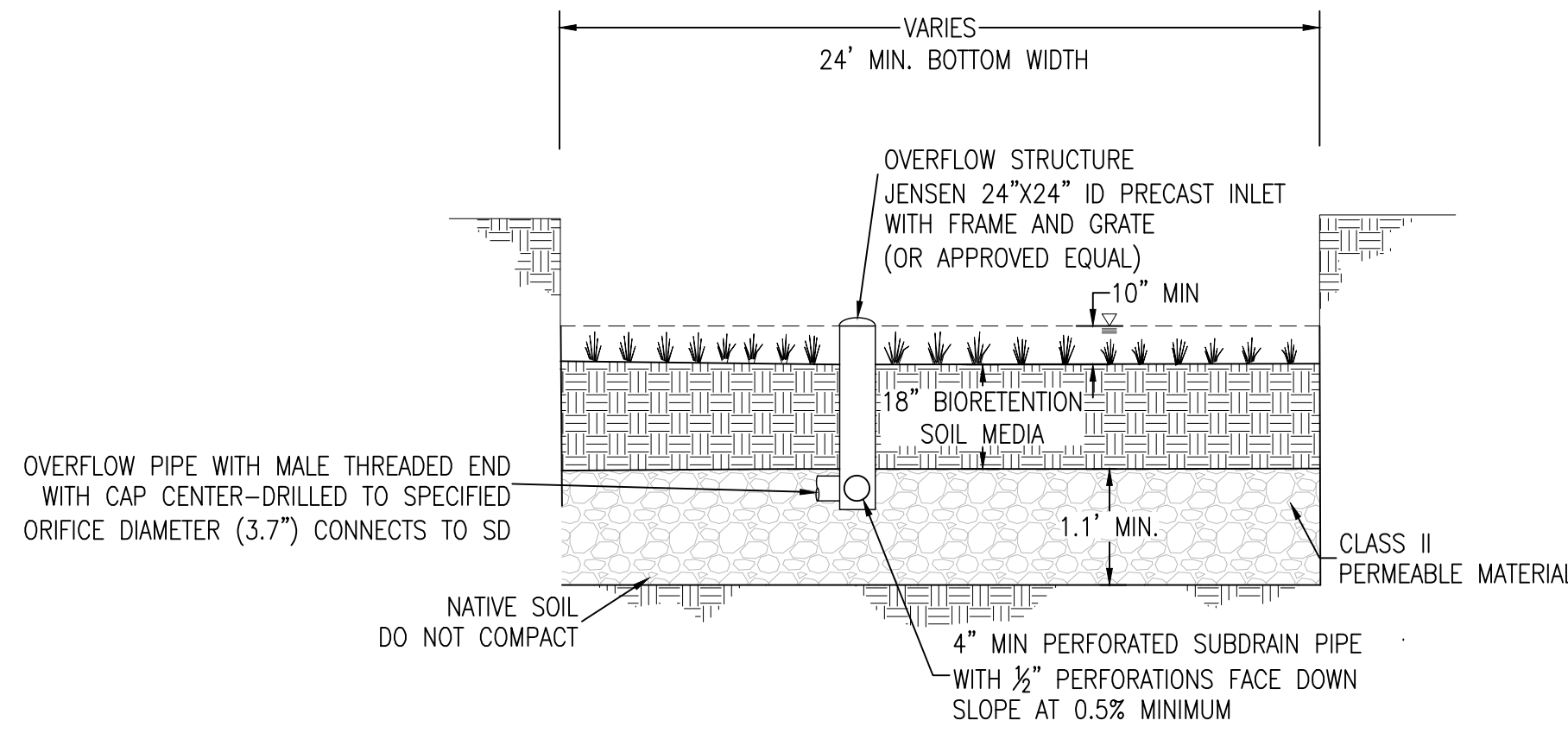
AREAS DRAINING TO SELF-RETAINING AREAS						
DMA NAME	AREA (SF)	POST-PROJ. SURFACE TYPE	DMA RUNOFF FACTOR	DMA AREA x RUNOFF FACTOR [A]	RECEIVING SELF-RETAINING DMA	RATIO [A]/[B]
DMA 18	168	CONCRETE	1.0	168	DMA 17	0.15

IMP NAME: IMP 1
IMP TYPE: BIORETENTION FACILITY
SOIL TYPE: C

DMA NAME	AREA (SF)	POST-PROJ. SURFACE TYPE	DMA RUNOFF FACTOR	DMA AREA x RUNOFF FACTOR
DMA 2	2,283	CONV. ROOF	1.0	2,283
DMA 3	8,736	CONV. ROOF	1.0	8,736
DMA 4	6,604	CONV. ROOF	1.0	6,604
DMA 5	46,902	ASPHALT	1.0	46,902
DMA 6	33,716	CONV. ROOF	1.0	33,716
DMA 7	9,380	CONV. ROOF	1.0	9,380
DMA 9	61,482	ASPHALT	1.0	61,482
DMA 13	168	CONV. ROOF	1.0	168
DMA 14	9,556	CONV. ROOF	1.0	9,556
DMA 19	168	CONV. ROOF	1.0	168
DMA 20	2,734	CONV. ROOF	1.0	2,734
DMA 21	5,573	CONV. ROOF	1.0	5,573
DMA 24	7,617	LANDSCAPE	0.5	3,808
TOTAL				191,111

UNTREATED AREAS	
DMA NAME	AREA (SF)
DMA 25	1,496
DMA 26	3,950

IMP SIZING			
IMP SIZING FACTOR	RAIN ADJUSTMENT FACTOR	MINIMUM AREA OR VOLUME	PROPOSED AREA OR VOLUME
0.060	1.007	11,551	12,434
0.050	1.007	9,626	10,362
0.066	1.007	12,706	13,470
MAXIMUM UNDERDRAIN FLOW (CFS)		0.27	
ORIFICE DIAMETER (IN)		3.38	



TYPICAL SECTION - C.3 BASIN
NOT TO SCALE

NOTE:
BIORETENTION FACILITY SHOULD BE CONSTRUCTED PER CITY STANDARD.

LEGEND

- PROJECT BOUNDARY
- DMA BOUNDARY
- PROPOSED STORM DRAIN LINE
- 4" PERFORATED PIPE
- EXISTING CONTOUR
- PROPOSED CONTOUR
- IMPERVIOUS DMA - CONVENTIONAL ROOF
- IMPERVIOUS DMA - ASPHALT CONCRETE
- IMPERVIOUS DMA - LANDSCAPE
- SELF-TREATING DMA - LANDSCAPE
- BIORETENTION - C.3 BASIN
- DIRECTION OF FLOW
- STORM DRAIN MANHOLE
- STORM DRAIN INLET
- WETLAND BOUNDARY

PRELIMINARY
NOT FOR CONSTRUCTION

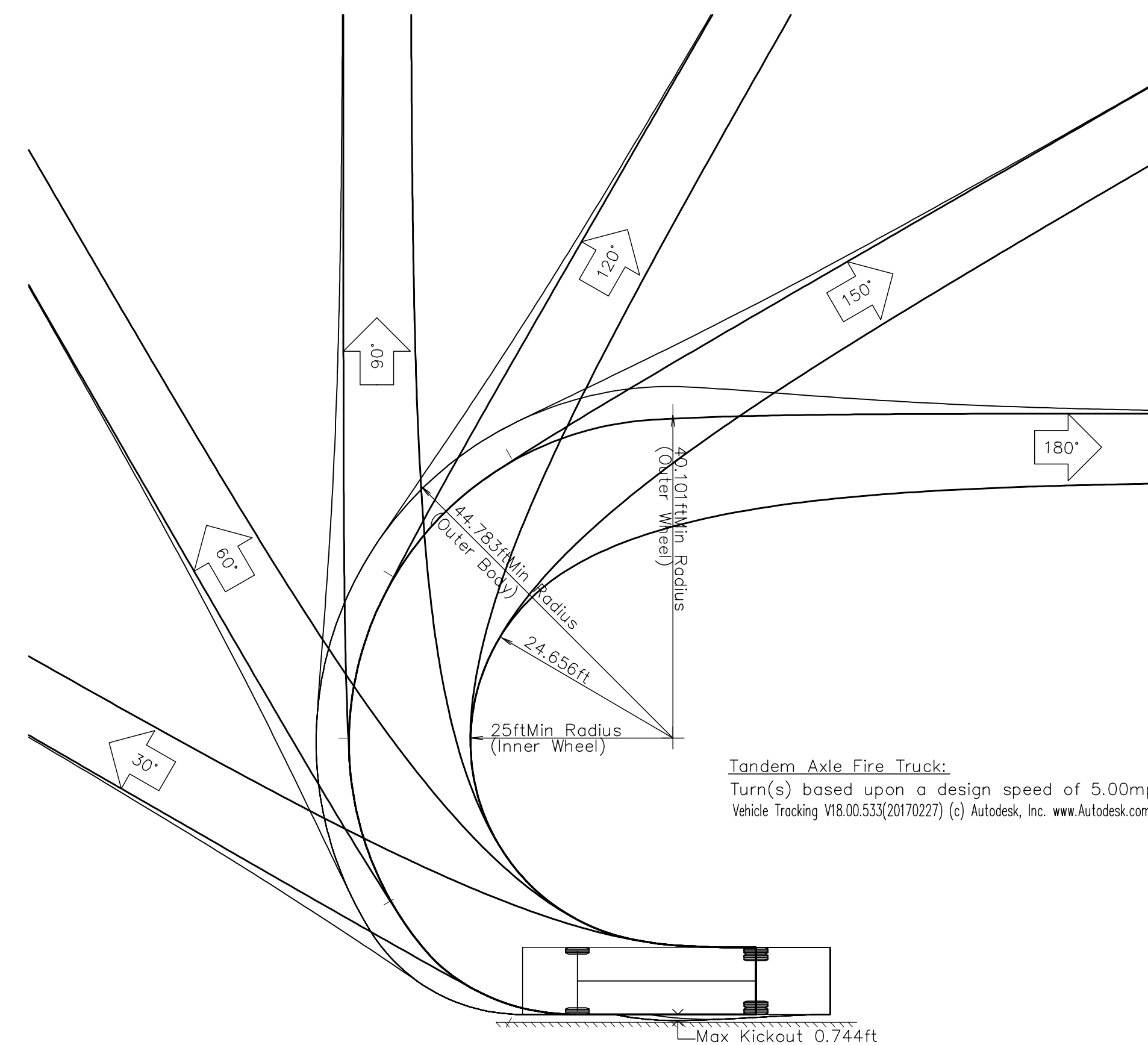
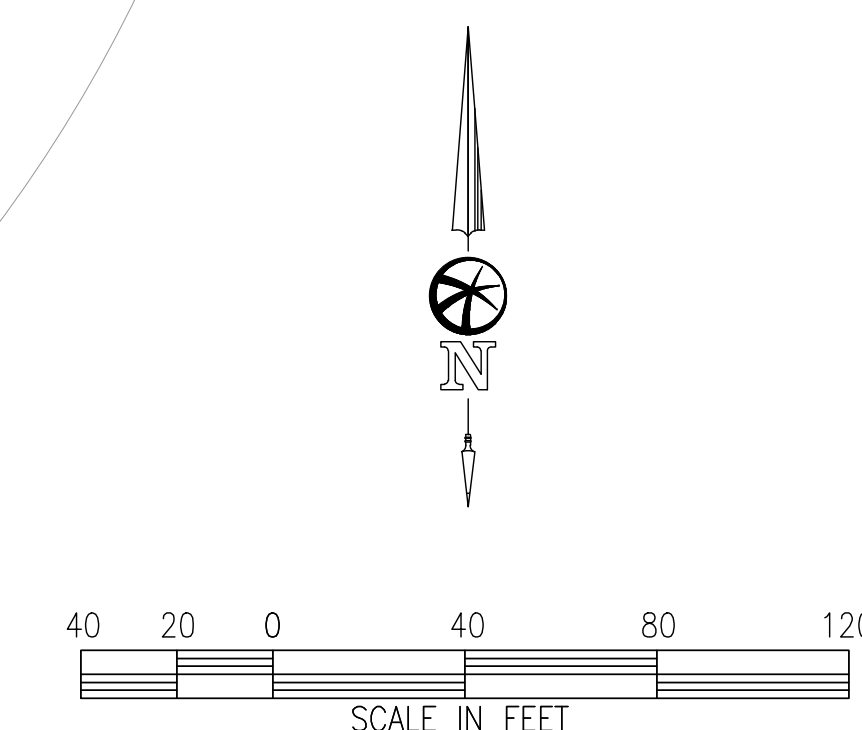
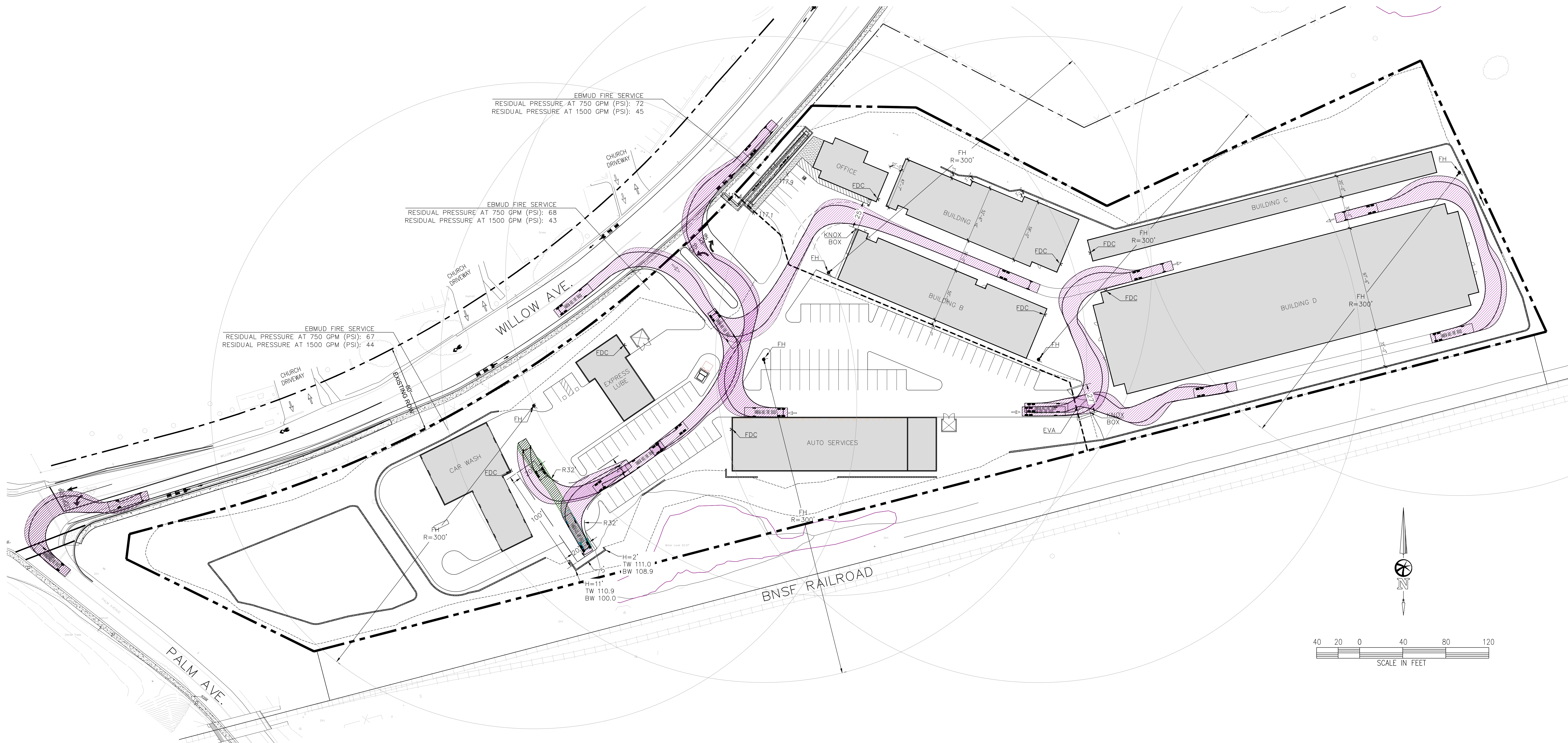
MAY 02, 2018

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Days Before You Dig!



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PRELIMINARY



Tandem Axle Fire Truck:
Turn(s) based upon a design speed of 5.00mph.
Vehicle Tracking W18.00.533(20170227) (c) Autodesk, Inc. www.Autodesk.com

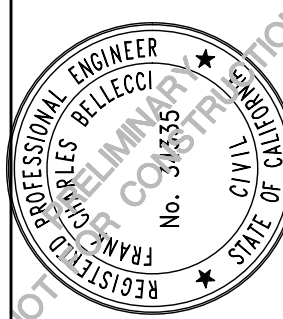
- LEGEND
- PROJECT BOUNDARY
 - EXISTING CONTOUR
 - PROPOSED CONTOUR
 - TOE-TOP OF SLOPE
 - RETAINING WALL
 - EDGE OF NEW PAVEMENT
 - PROPOSED FOOTPRINT
 - EXISTING WETLAND
 - TURNING MOVEMENT PATH OF TRAVEL

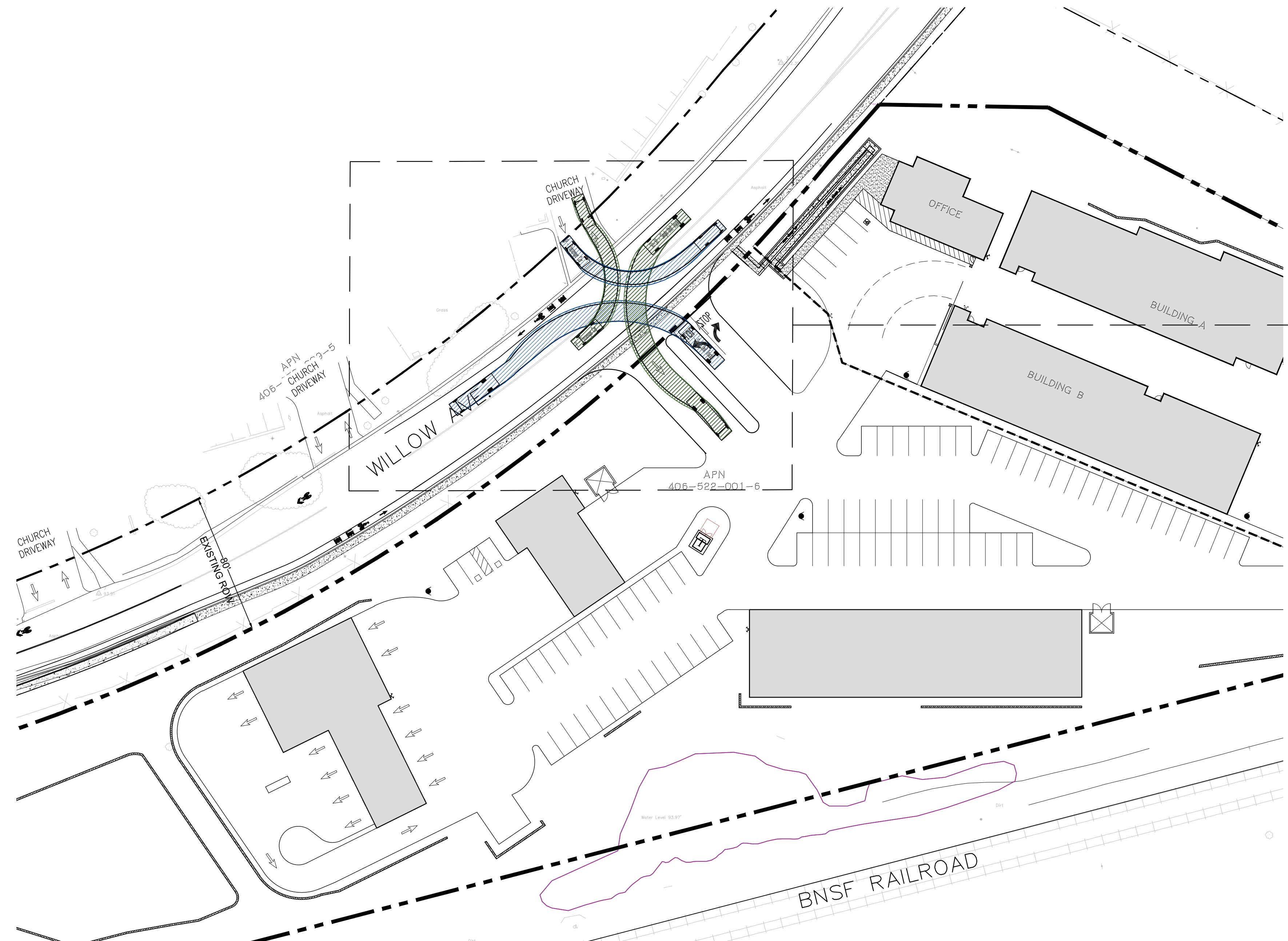
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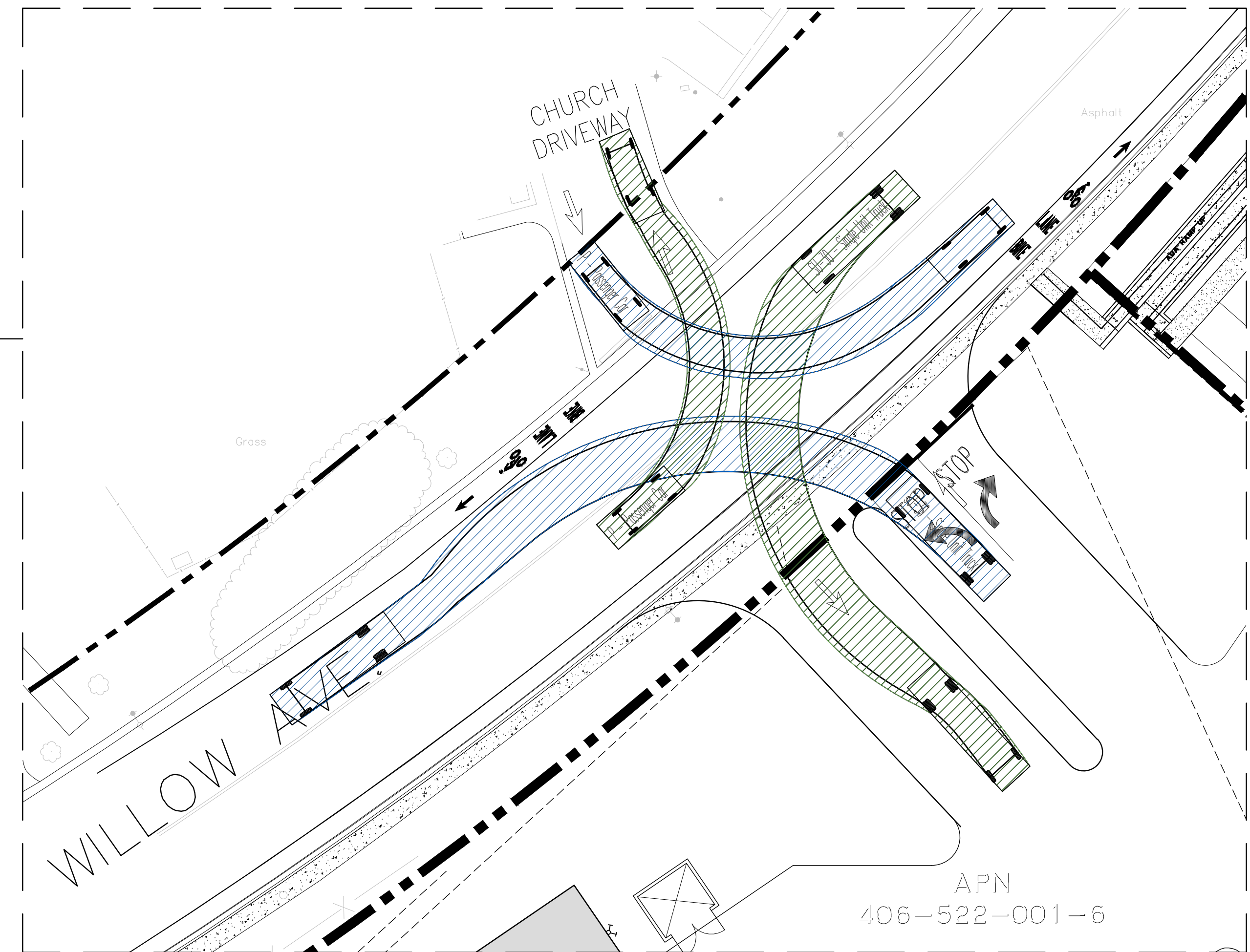
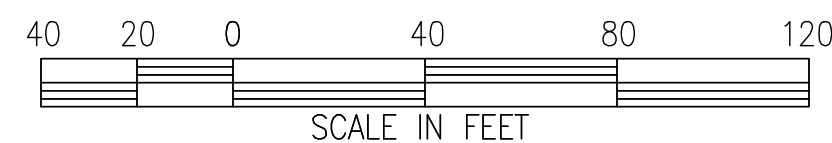
DATE UPDATED: JUNE 6, 2018

SHEET 7 OF 9 JOB NO. 17024	WILLOW AVENUE COMMERCIAL CENTER EVA/FIRE DESIGN HERCULES	CONTRA COSTA COUNTY CALIFORNIA	DESIGNED BY CHECKED BY DATE	DATE	REVISIONS
Bellecci & Associates, inc. Civil Engineering • Land Surveying 2290 Diamond Boulevard, Suite 100 Concord, CA 94620 Phone (925) 685-4599 Fax (925) 685-4638 					



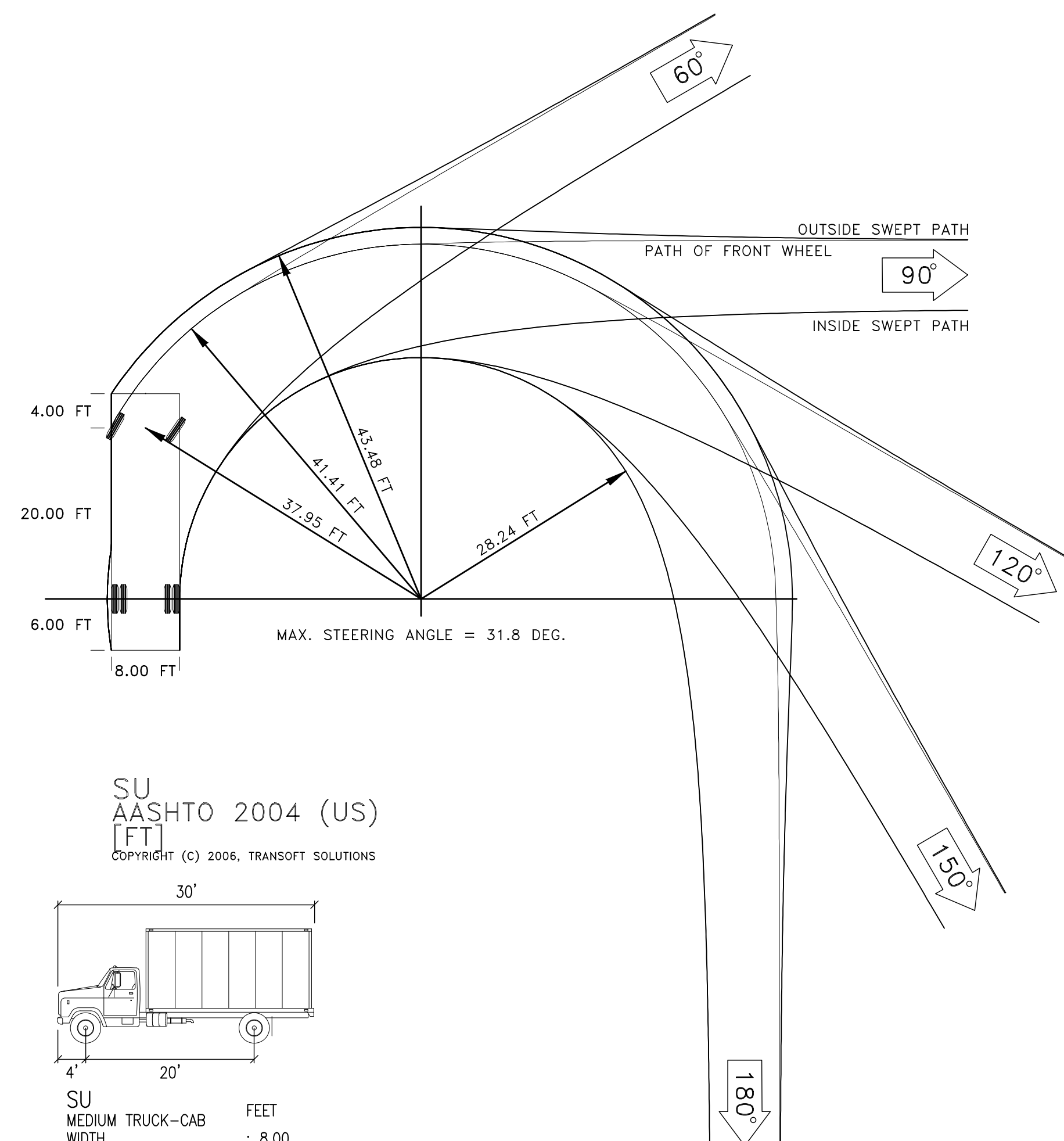
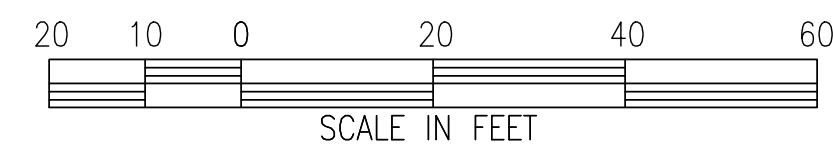
CALIFORNIA LEGAL DESIGN VEHICLE: SU-30 SINGLE UNIT TRUCK (SELF-STORAGE) & P-PASSENGER CAR (CHURCH)

TURNING MOVEMENT: INBOUND LEFT TURNS
TURNING MOVEMENT: OUTBOUND LEFT TURNS

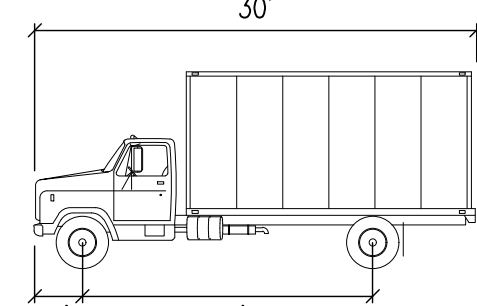


CALIFORNIA LEGAL DESIGN VEHICLE: SU-30 SINGLE UNIT TRUCK (SELF-STORAGE) & P-PASSENGER CAR (CHURCH)

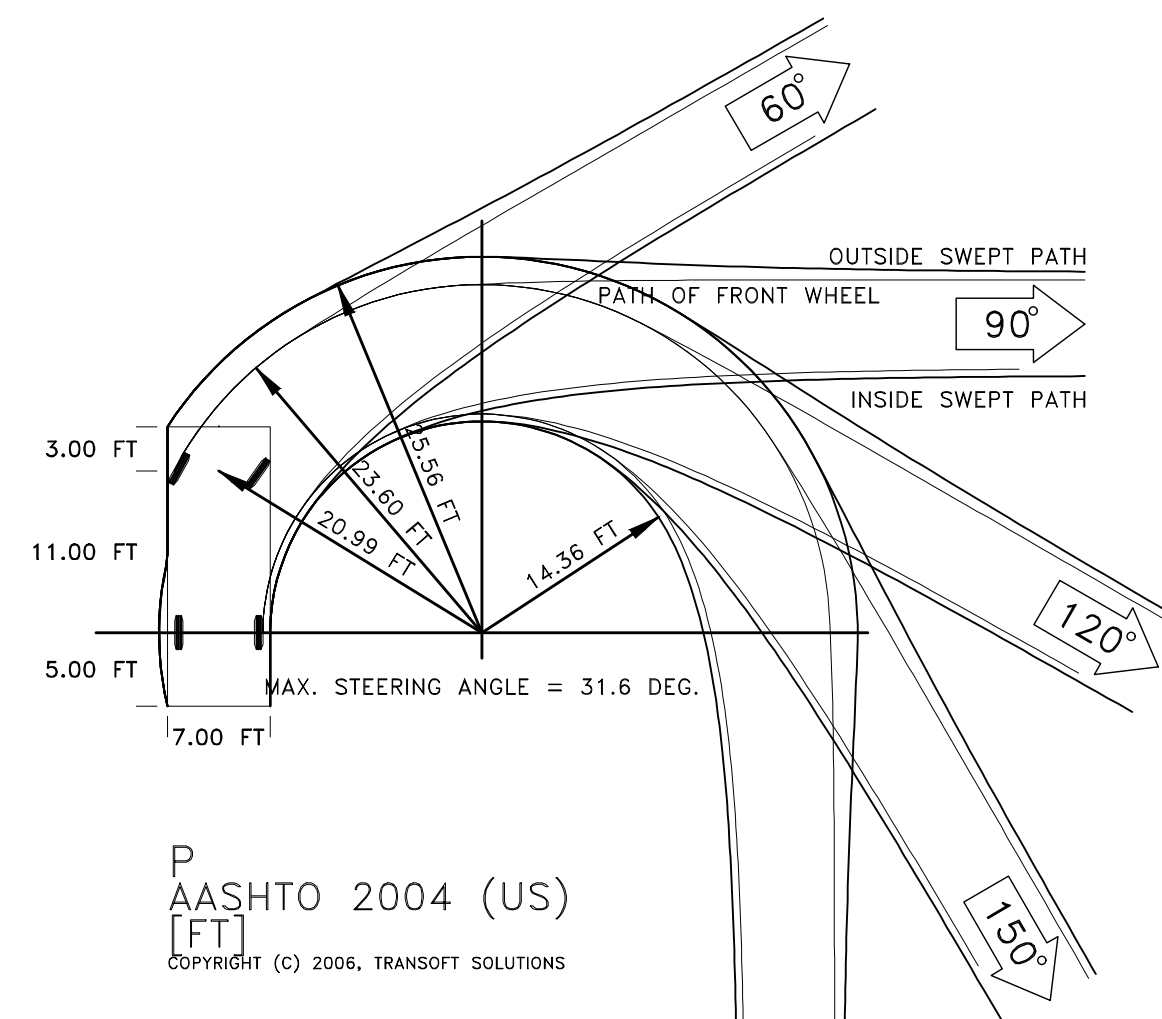
TURNING MOVEMENT: INBOUND LEFT TURNS
TURNING MOVEMENT: OUTBOUND LEFT TURNS



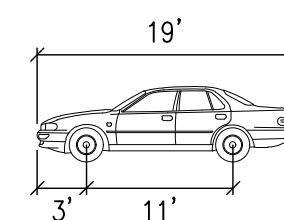
SU
AASHTO 2004 (US)
COPYRIGHT (C) 2006, TRANSOT SOLUTIONS



SU
MEDIUM TRUCK-CAB
WIDTH : 8.00
TRACK : 8.00
LOCK TO LOCK TIME : 6.00
STEERING ANGLE : 31.80



P
AASHTO 2004 (US)
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P
LARGE CAR
WIDTH : 7.00
TRACK : 6.00
LOCK TO LOCK TIME : 6.00
STEERING ANGLE : 31.60

NOTE:
THIS EXHIBIT DEPICTS PASSENGER VEHICLES ENTERING AND EXITING THE CHURCH DRIVEWAY VIA LEFT TURNS; AND 30' SINGLE UNIT MOVING TRUCKS ENTERING AND EXITING THE SELF-STORAGE/COMMERCIAL FACILITY DRIVEWAY VIA LEFT TURNS.

LEGEND

- PROJECT BOUNDARY
- EXISTING CONTOUR
- PROPOSED CONTOUR
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- RETAINING WALL
- EDGE OF NEW PAVEMENT
- PROPOSED FOOTPRINT
- EXISTING WETLAND
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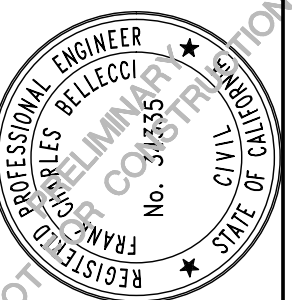
PRELIMINARY

DATE UPDATED: JULY 11, 2018

1-800-227-2600

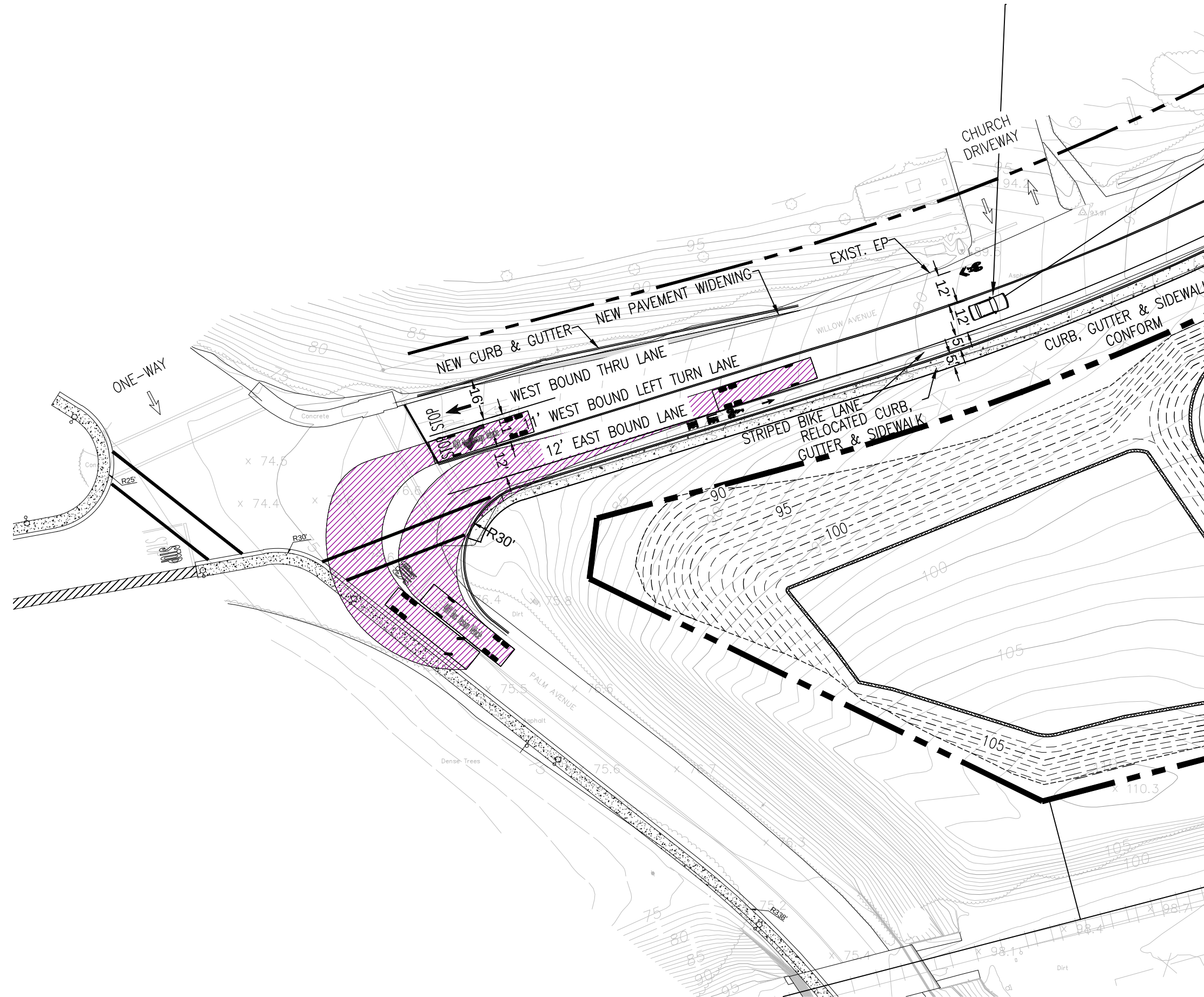
WILLOW AVENUE COMMERCIAL CENTER DESIGN REVIEW
VEHICLE TURNING MOVEMENTS
HERCULES CONTRA COSTA COUNTY CALIFORNIA

SHEET 8
OF 9
JOB NO. 17024

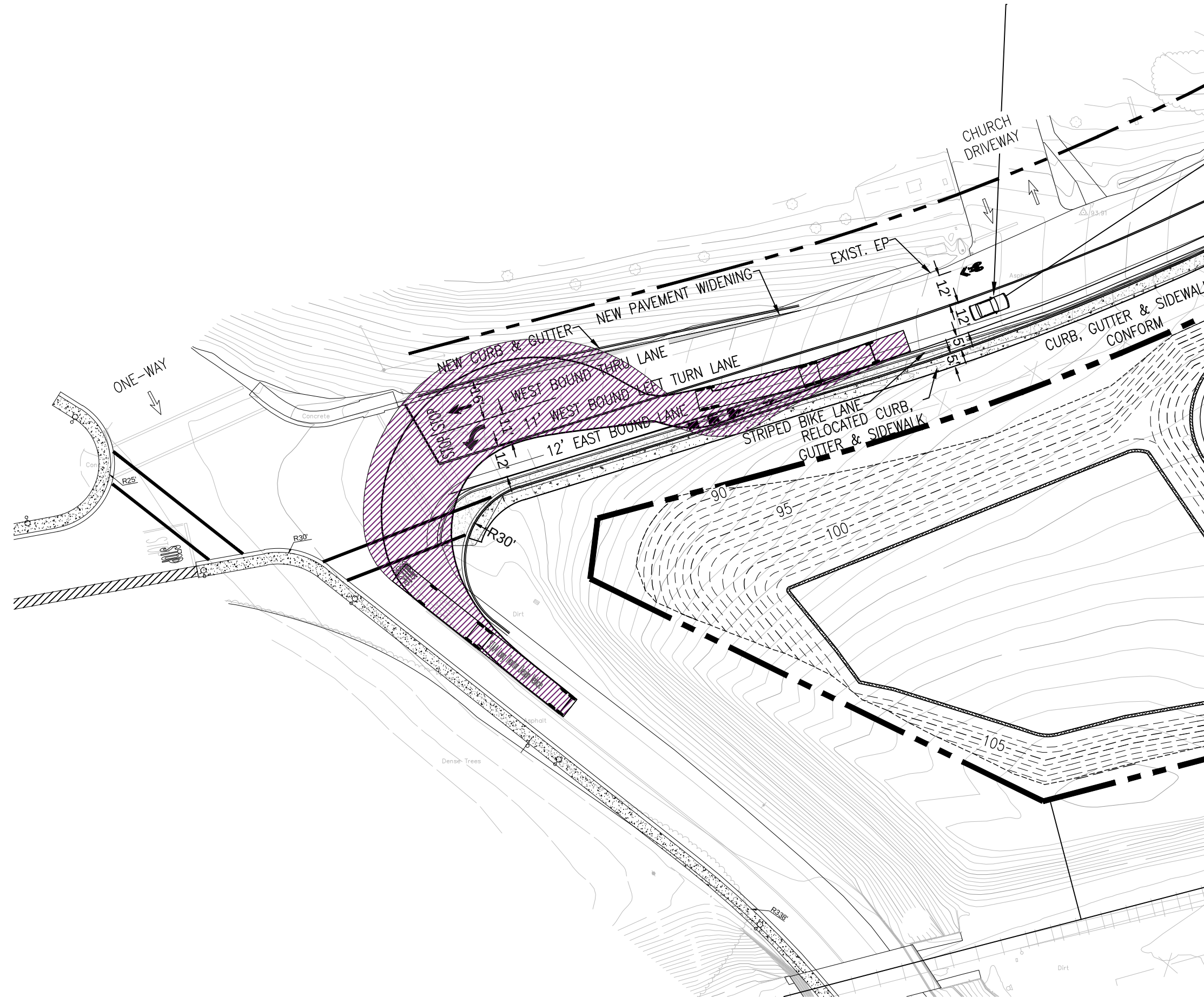


Bellecci & Associates, inc.
Civil Engineering • Land Surveying
2290 Diamond Boulevard, Suite 100 Concord, CA 94620
Phone (925) 685-4599 Fax (925) 685-4638

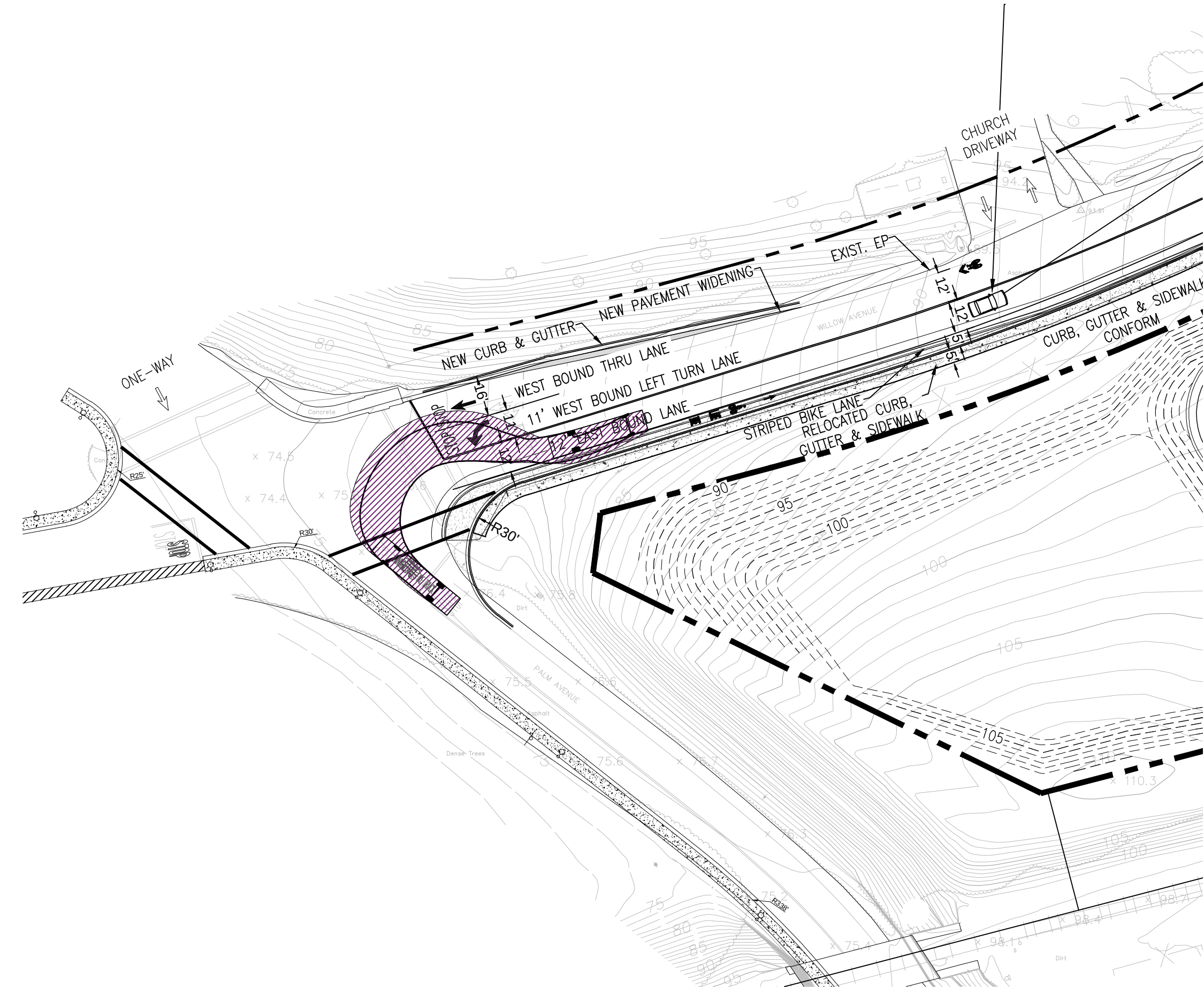
REVISIONS
BY DATE



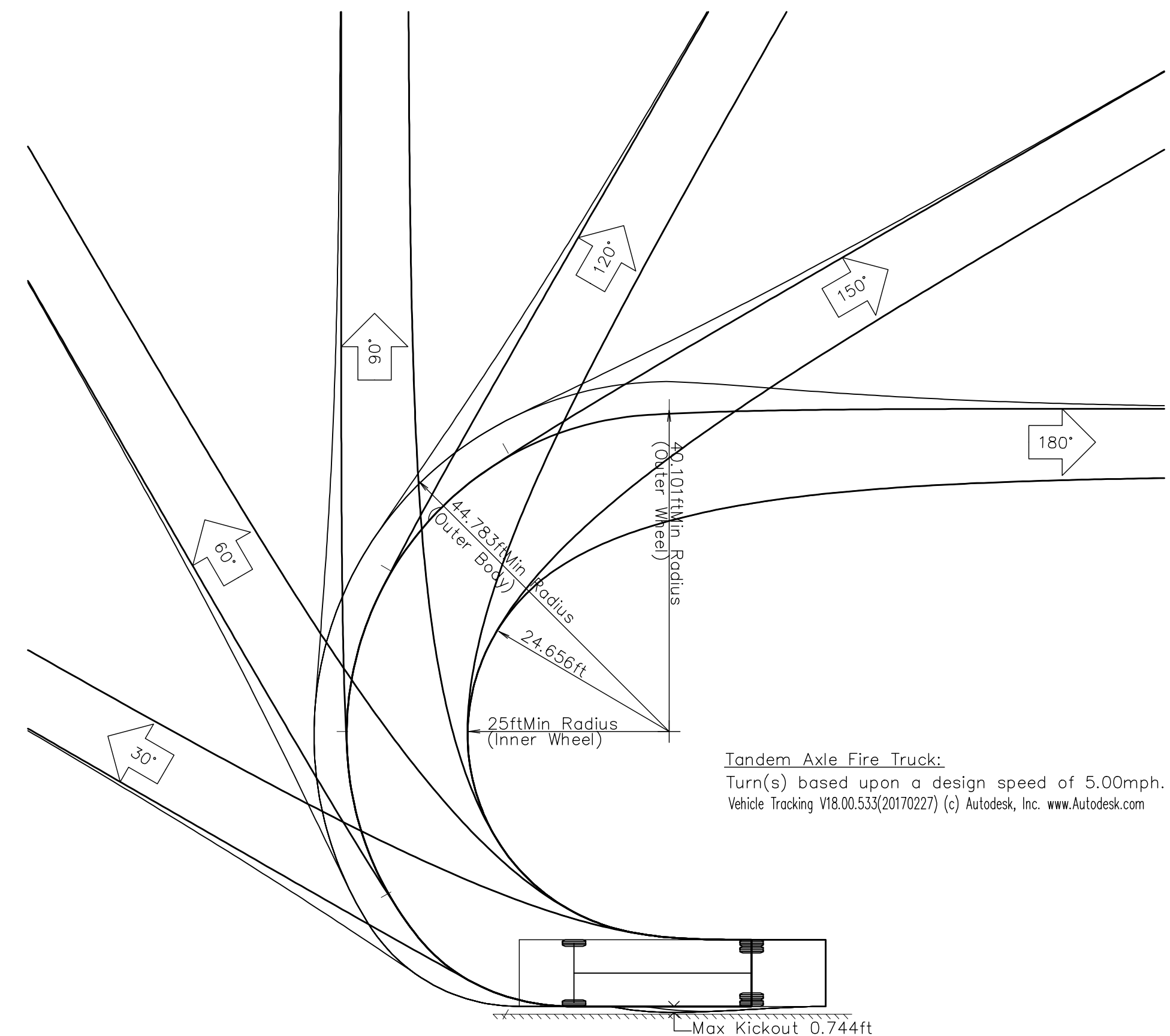
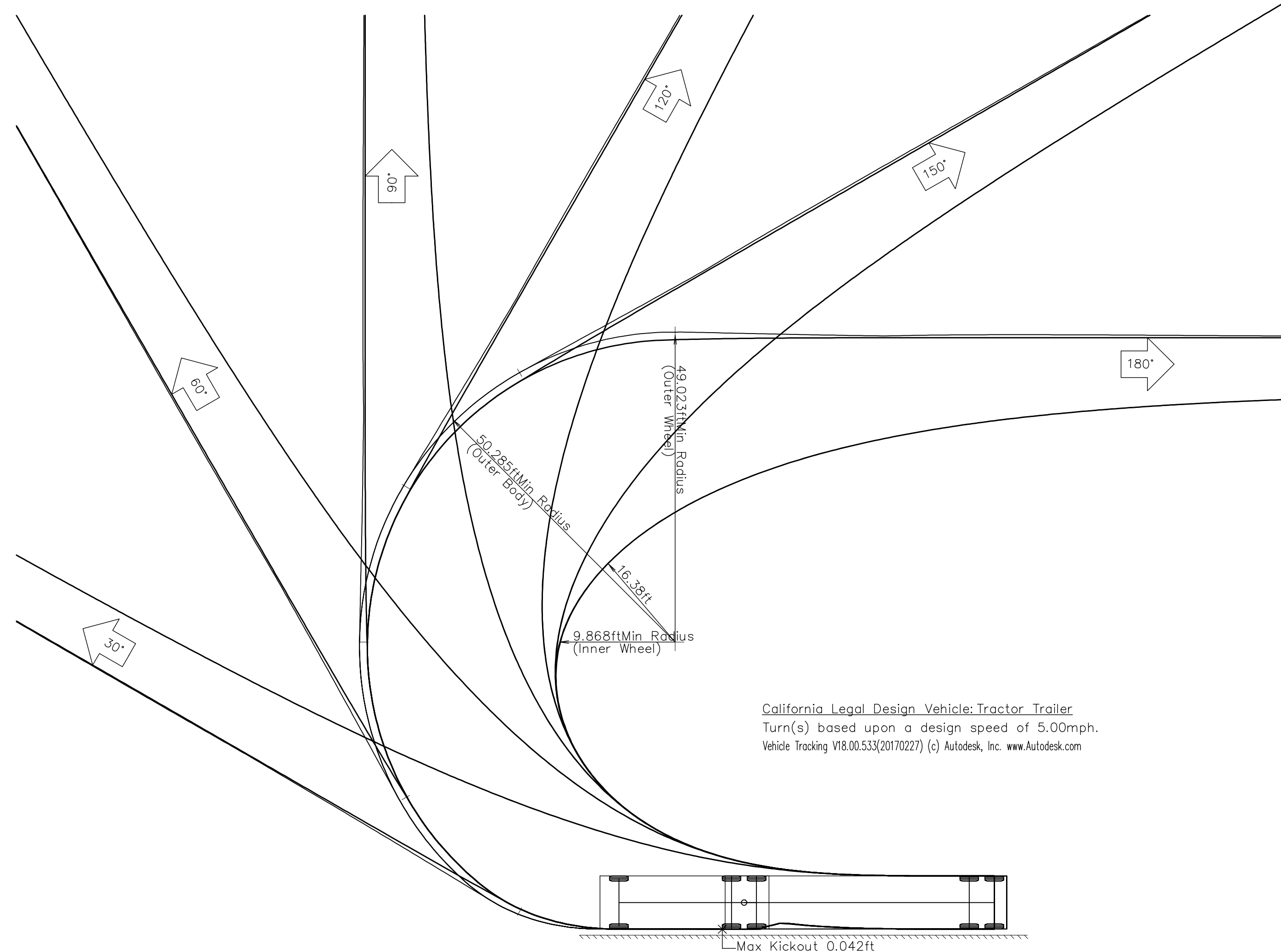
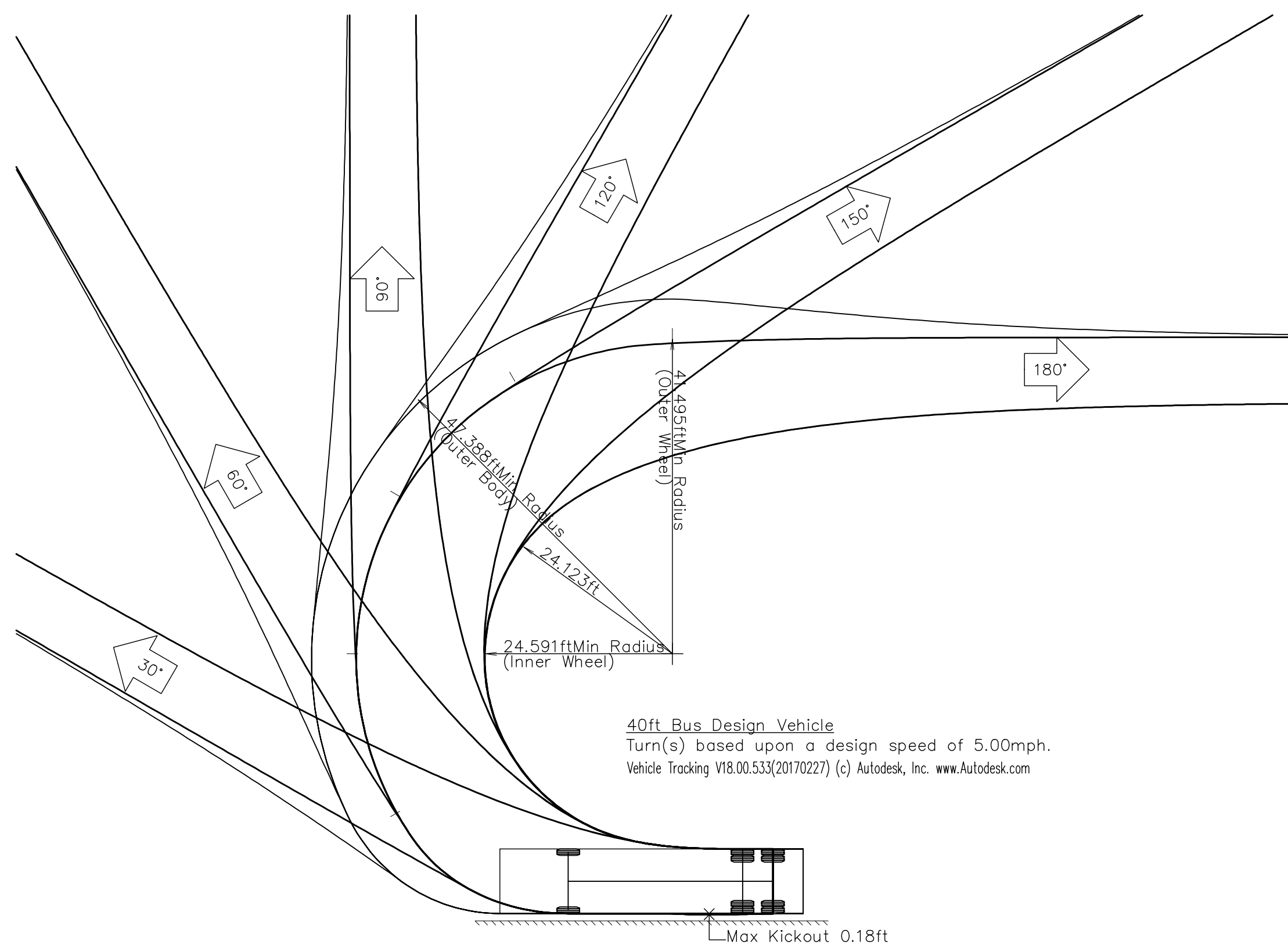
40FT BUS DESIGN VEHICLE
TURNING MOVEMENTS: WILLOW AVE & PALM AVE



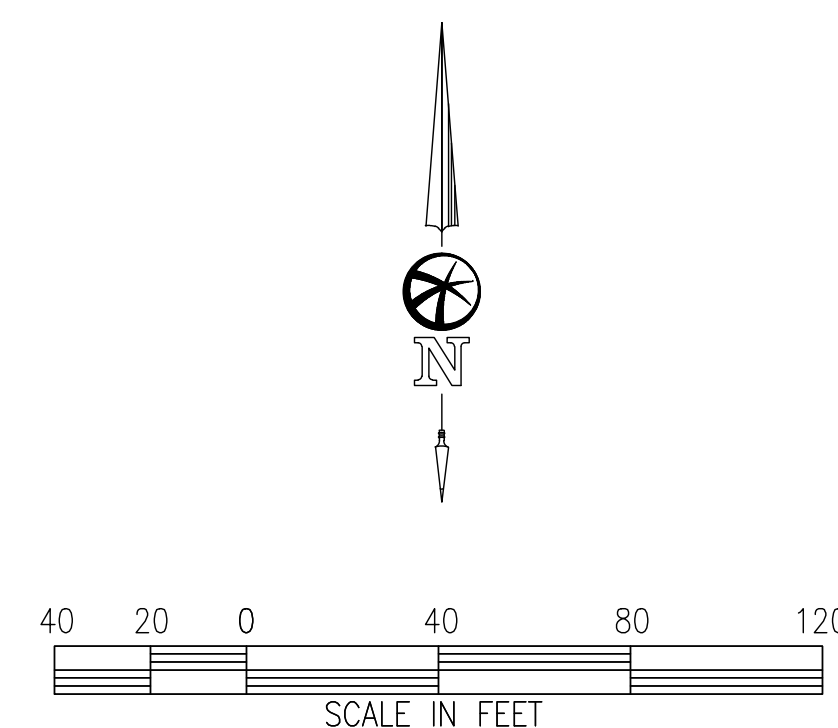
CALIFORNIA LEGAL DESIGN VEHICLE: TRACTOR TRAILER
TURNING MOVEMENT: RIGHT TURN, PALM AVE TO WILLOW AVE



TANDEM AXEL FIRE TRUCK, HERCULES RODEO FIRE DISTRICT
TURNING MOVEMENT: RIGHT TURN, PALM AVE TO WILLOW AVE



NOTE:
THE PALM AVE./WILLOW AVE. CURVE FRONTING THE PROJECT
PROPOSES IMPROVEMENTS TO ACCOMMODATE A WESTBOUND LEFT
TURN LANE FROM WILLOW AVE. TO PALM AVE., A STRIPED
SHARROW LANE IN THE WESTBOUND DIRECTION OF WILLOW AVE.,
AND A STRIPED CLASS II BIKE LANE IN THE EASTBOUND
DIRECTION OF WILLOW AVE.
IN ORDER FOR LARGE VEHICLES TO BE ACCOMMODATED ON PALM
AVE., THE PALM/WILLOW INTERSECTION REQUIRES A REDESIGN, AS
WELL AS THE EXISTING BNSF RAILROAD BRIDGE CROSSING PALM
AVE. TO THE SOUTH OF THE INTERSECTION.



- LEGEND
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SHEET 9 OF 9 JOB NO. 17024	WILLOW AVENUE COMMERCIAL CENTER VEHICLE TURNING MOVEMENTS HERCULES CONTRA COSTA COUNTY CALIFORNIA	 Belloci & Associates, Inc. Civil Engineering • Land Surveying 2290 Diamond Boulevard, Suite 100 Concord, CA 94620 Phone (925) 685-4899 Fax (925) 685-4838	REVISIONS
			DATE
			BY