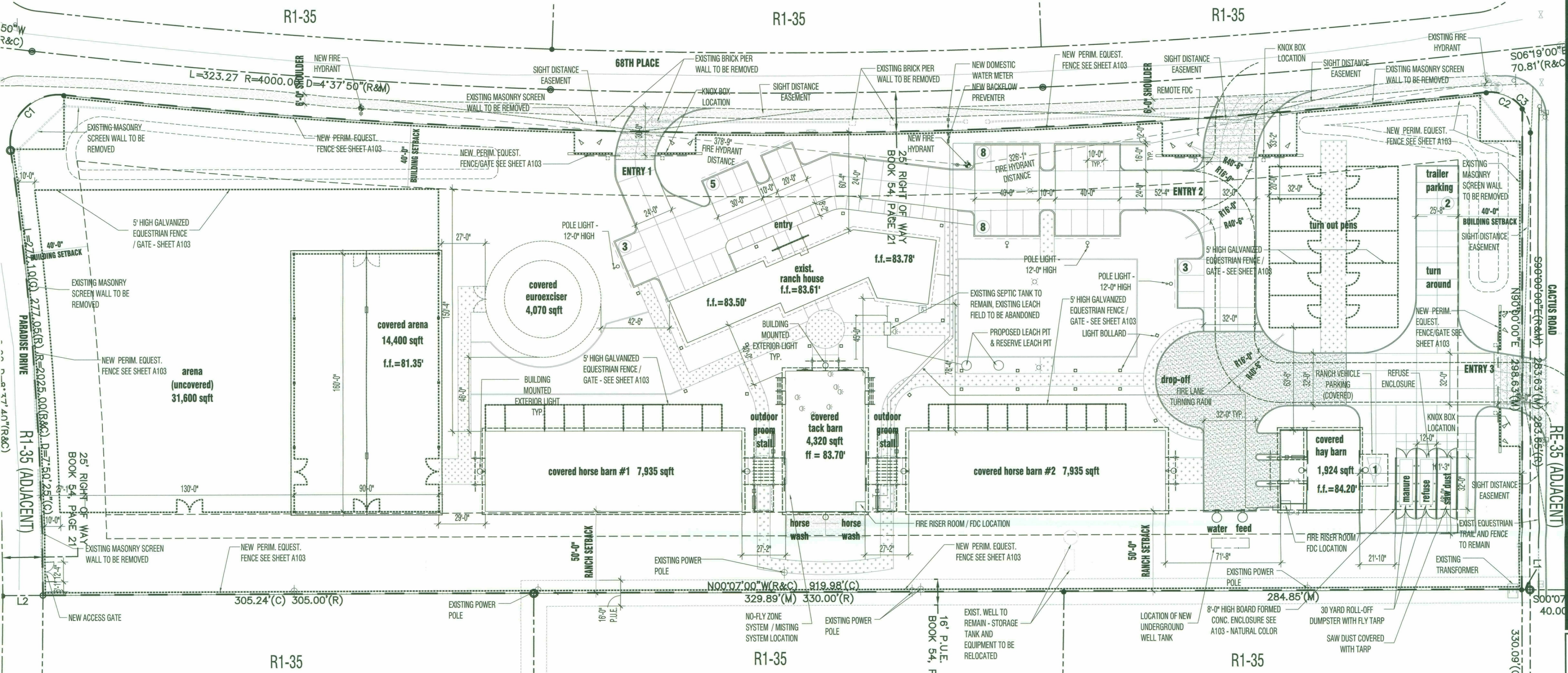


**Final Approved Stamped Plans
Full Size**



Project Data

ASSESSORS PARCEL NUMBER:	175-20-05, 175-20-06, 175-20-07
NET SITE AREA:	272,479 S.F. (±6.255 ACRES)
GROSS SITE AREA:	272,479 S.F. (±6.255 ACRES)
EXISTING ZONING:	R1-35 RESIDENTIAL
PROPOSED ZONING:	R1-35 / CONDITIONAL USE PERMIT - RANCH
PROPOSED BUILDINGS (ROOFED)	EXISTING
• EXISTING RANCH HOUSE	7,935 SF
• NEW HORSE #1 (18 STALLS)	4,320 SF
• NEW TACK BARN	7,935 SF
• NEW HORSE BARN #2 (18 STALLS)	1,924 SF
• NEW HAY BARN	
PROPOSED ACCESSORY STRUCTURES (ROOFED)	
• NEW COVERED ARENA	18,000 SF
• NEW EUROEXCISER	4,070 SF

PROPOSED ACCESSORY STRUCTURES	
• (1) MANURE STORAGE 8FT ENCLOSURE WALL	384 SF
• (1) SAWDUST STORAGE 8FT ENCLOSURE WALL	384 SF
• (1) REFUSE STORAGE 8FT ENCLOSURE WALL	384 SF
PROPOSED EQUESTRIAN FENCED AREAS (NOT ROOFED / ATTACHED TO STRUCTURE)	
• ARENA PASTURE	30,000 SF
• (10) 20 X 32 TURNOUT PENS	6,400 SF
• (24) 12 X 12 STALL PENS	3,456 SF
PARKING REQUIRED:	
• 1 PARKING SPACE / 2 STALLS (48 STALLS FUTURE)	24 PARKING SPACES
• ACCESSIBLE	NOT REQUIRED PER R1-35 ZONING
• BICYCLE	NOT REQUIRED PER R1-35 ZONING
PROPOSED PARKING:	
• PARKING SPACES VEHICULAR ONLY (10 X 20)	27 PARKING SPACES
• PARKING SPACES TRUCK / TRAILER (12 X 48)	4 PARKING SPACES
• RANCH VEHICLE PARKING (COVERED)	1 PARKING SPACES

General Notes

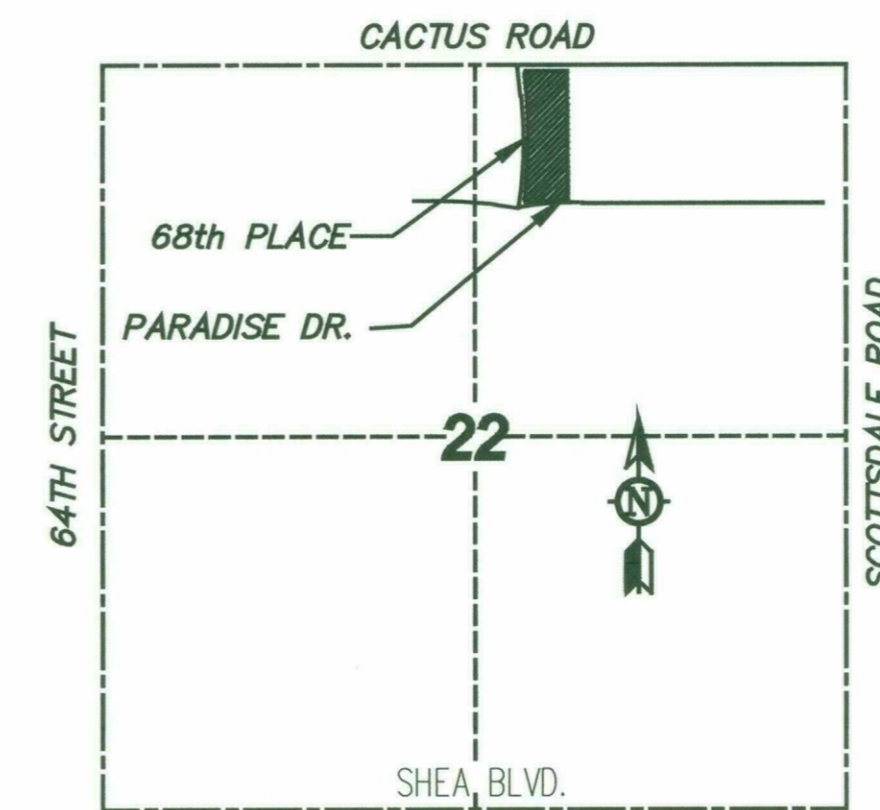
- AT TIME OF FINAL PLANS THE OWNER SHALL SUBMIT VERIFICATION THAT THE EXISTING WALLS LOCATED WITHIN THE RIGHT OF WAY HAVE BEEN REMOVED
- AN ADDITIONAL HYDRANT WILL BE REQUIRED TO PROTECT THE PROPERTY
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- THE COVERED ARENA MUST COMPLY AS AN OPEN EQUESTRIAN ARANA FOR RIDING ONLY TO BE EXEMPTED FROM FIRE SPRINKLERS
- THE EXISTING ON-SITE WELL SHALL COMPLY WITH ADWR AND MCESD
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4-UP-2013 - Conditional Use Permit Stipulations

- Stipulations 1,4,14,15,18-21 & 24 - Refer to site plan this sheet
- Stipulations 2,3,5-13,16,17,22 & 23 - Refer to Sheet A101a

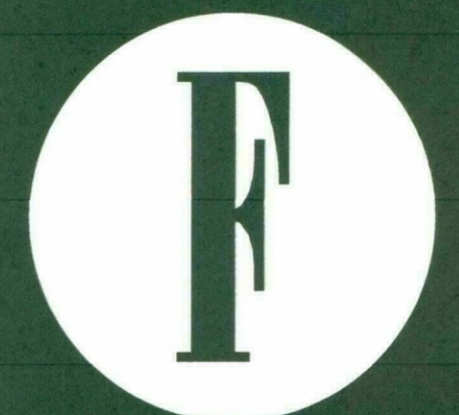
site plan

SCALE: 1" = 30'-0"

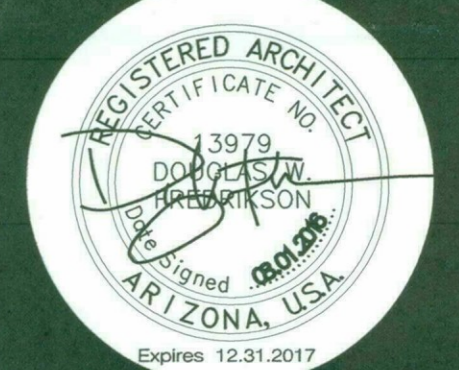


vicinity map

SCALE: N.T.S.



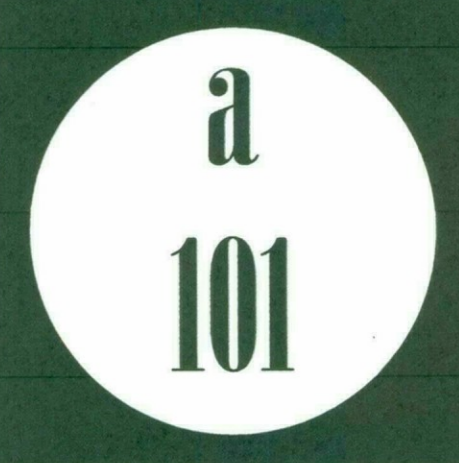
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phoenix, arizona 85014
602-277-1625

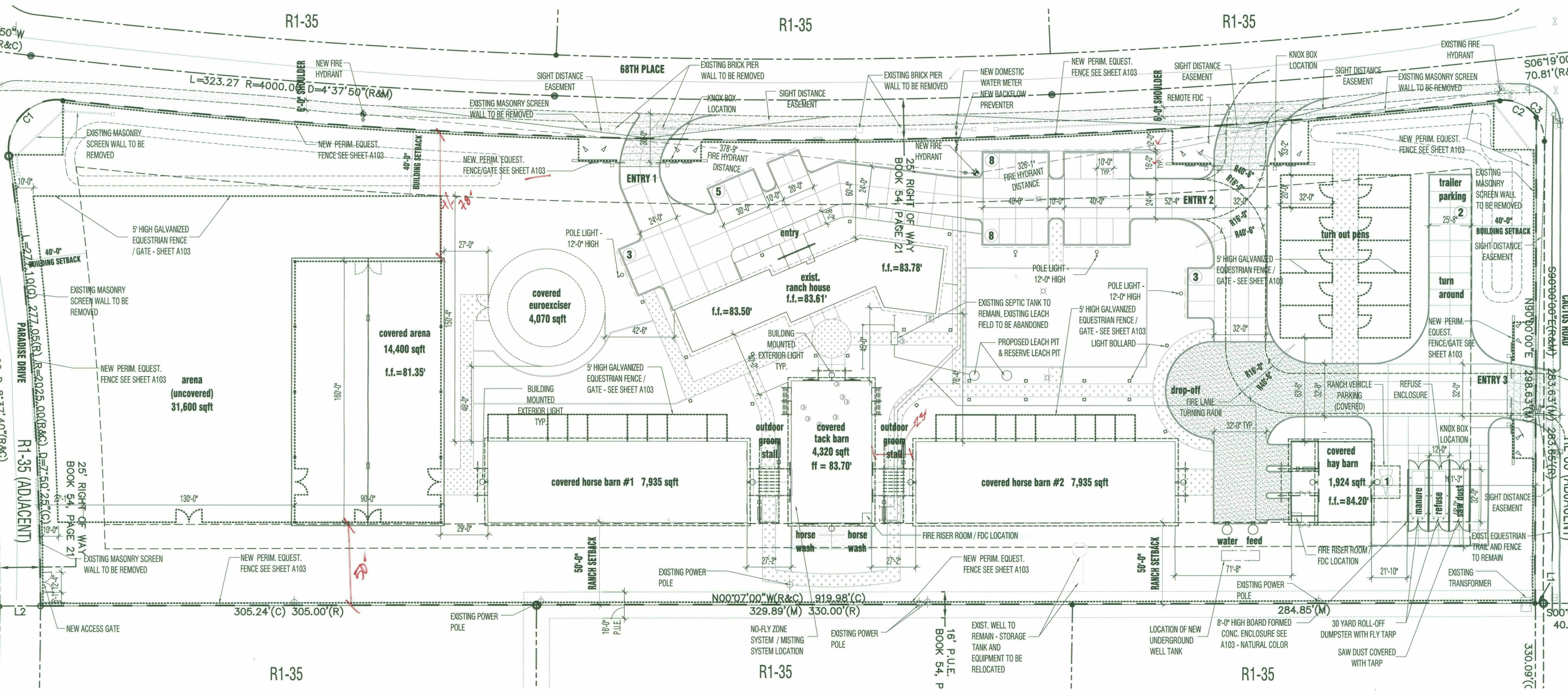
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13100
site plan
issue date
10.25.2015
revisions



12011 North 68th Place, Scottsdale Arizona

Plat Log # 3978-16 / Use Permit # 4-UP-2013



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• RANCH VEHICLE PARKING (COVERED)	

General Notes

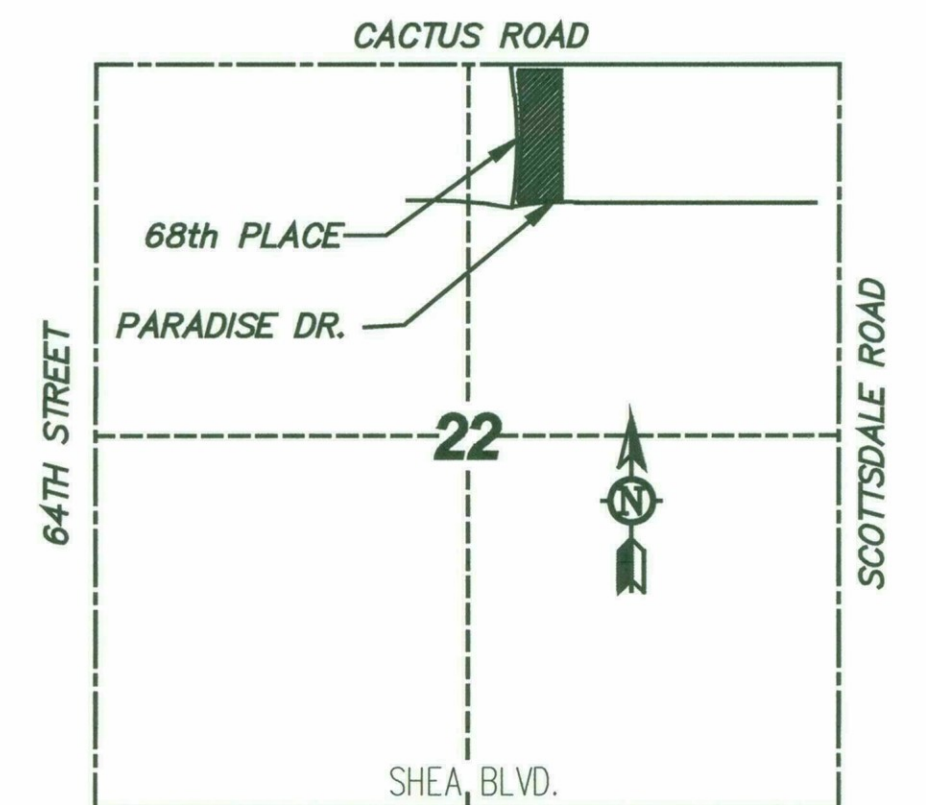
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site plan

SCALE: 1" = 30'-0"

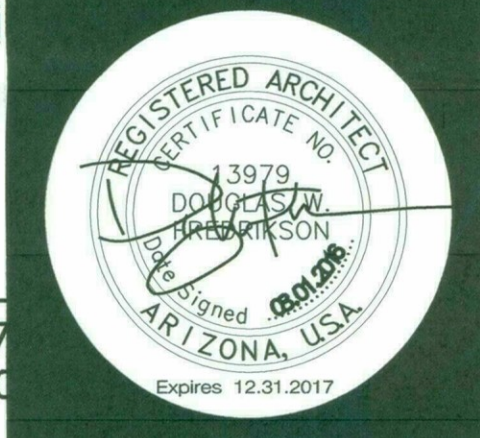


vicinity map

SCALE: N.T.S.



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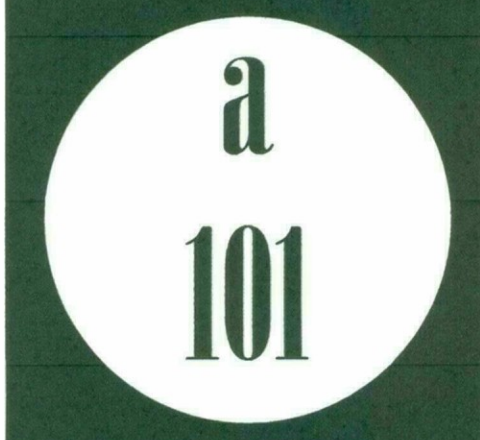


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issue date
10.25.2015
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STIPULATION SET
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DATE: 10/25/15
INITIALS: [Signature]



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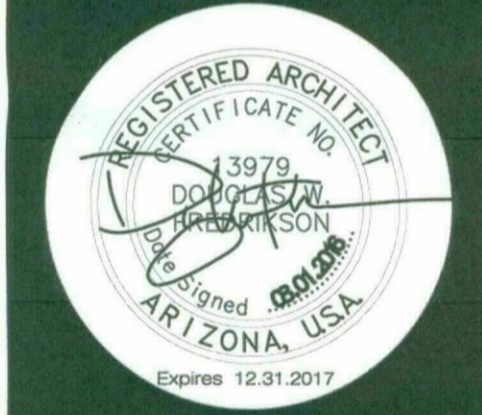
Plat Log # 3978-16 / Use Permit # 4-UP-2013

Site Plan



RANCHO PARAISO

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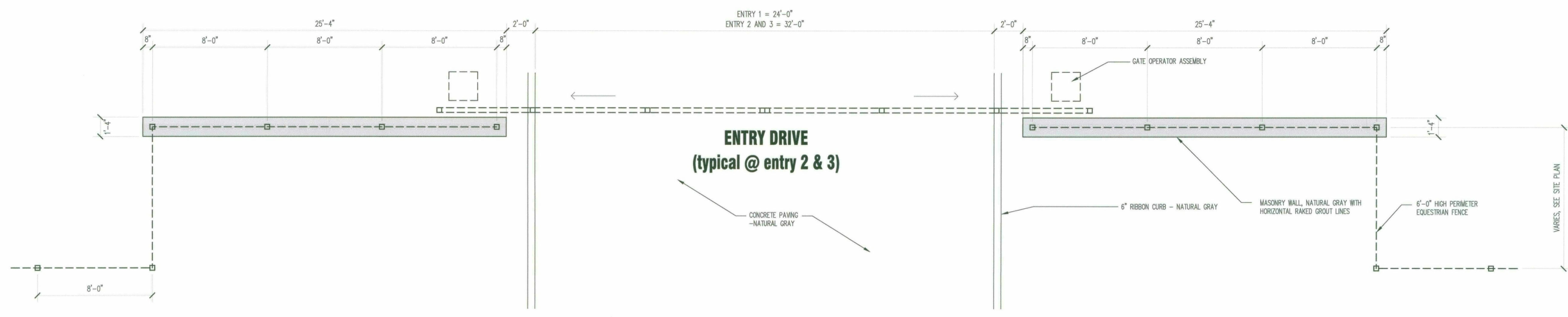
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site plan
issue date

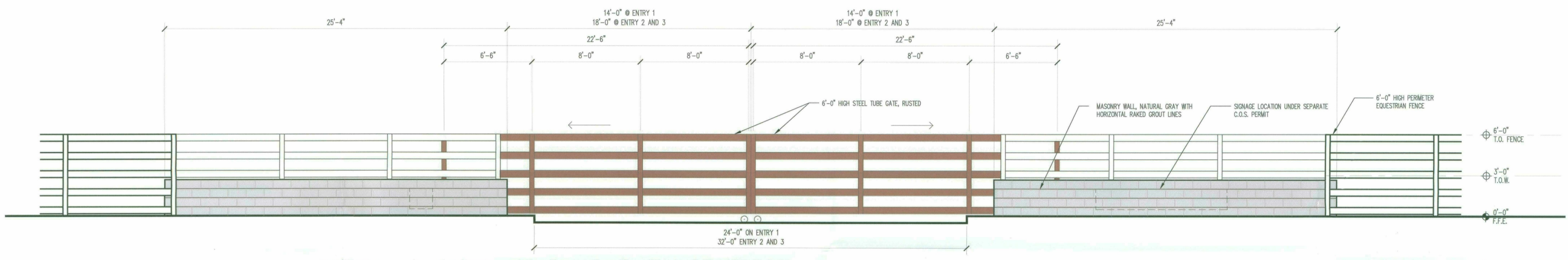
10.25.2015
revisions

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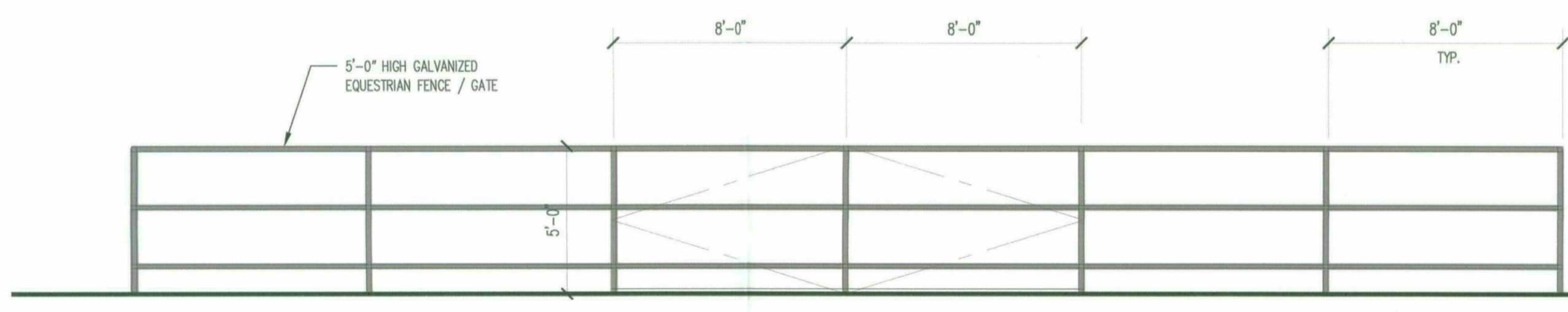
Plat Log # 3978-16 / Use Permit # 4-UP-2013



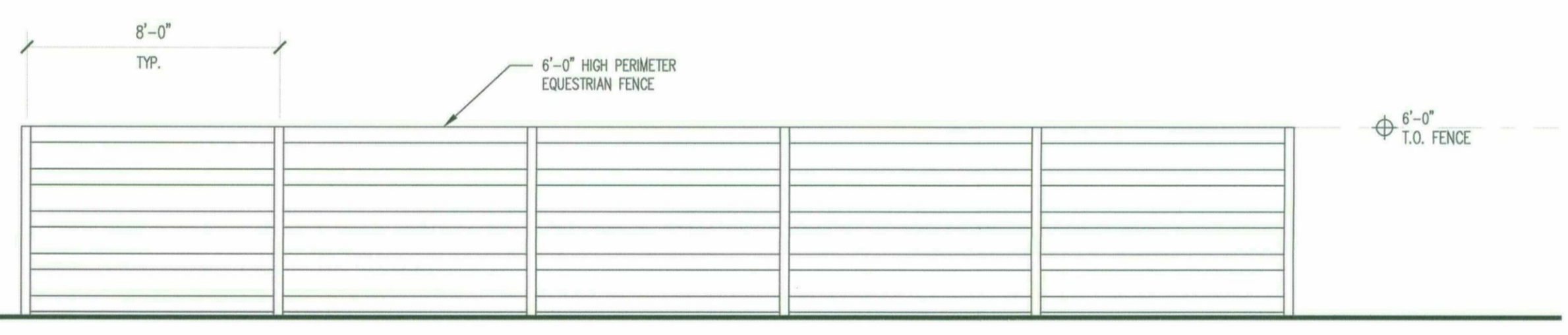
1 entry and perimeter equestrian fence plan (typical @ entry 2 & 3)
1/4" = 1'-0"



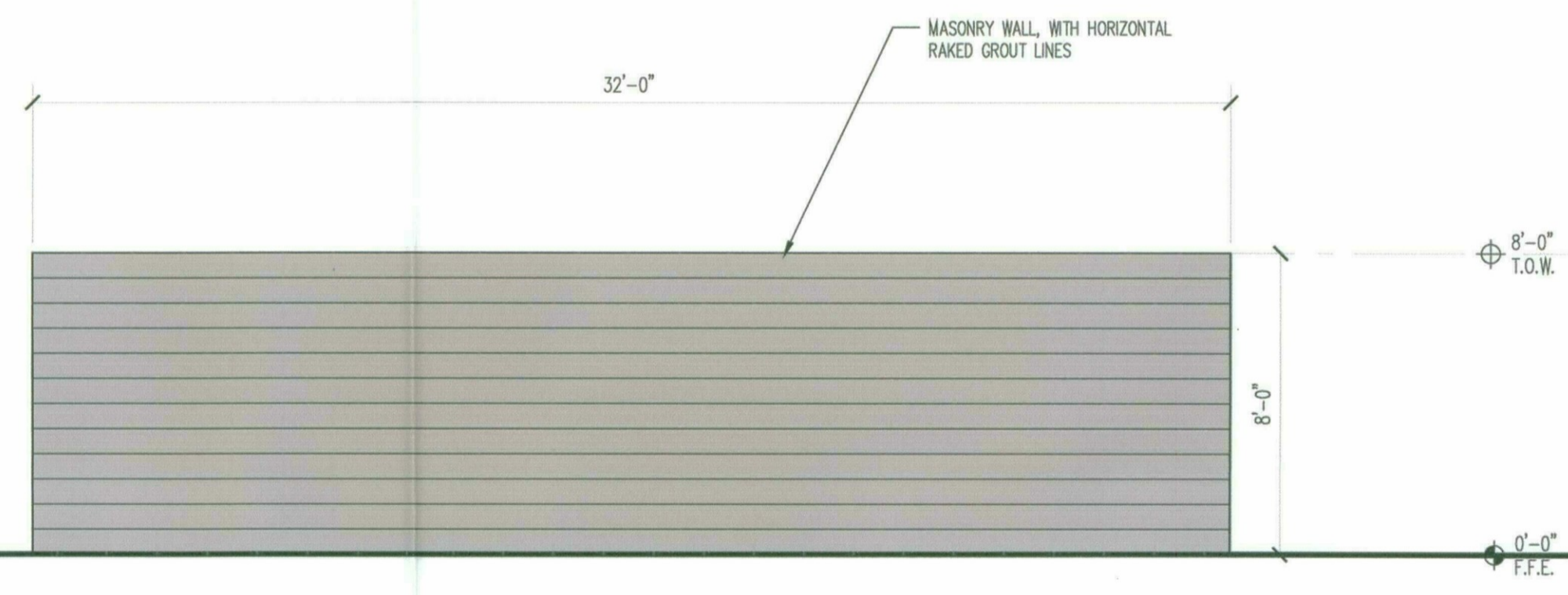
2 entry and perimeter equestrian fence elevation (typical @ entry 2 & 3)
1/4" = 1'-0"



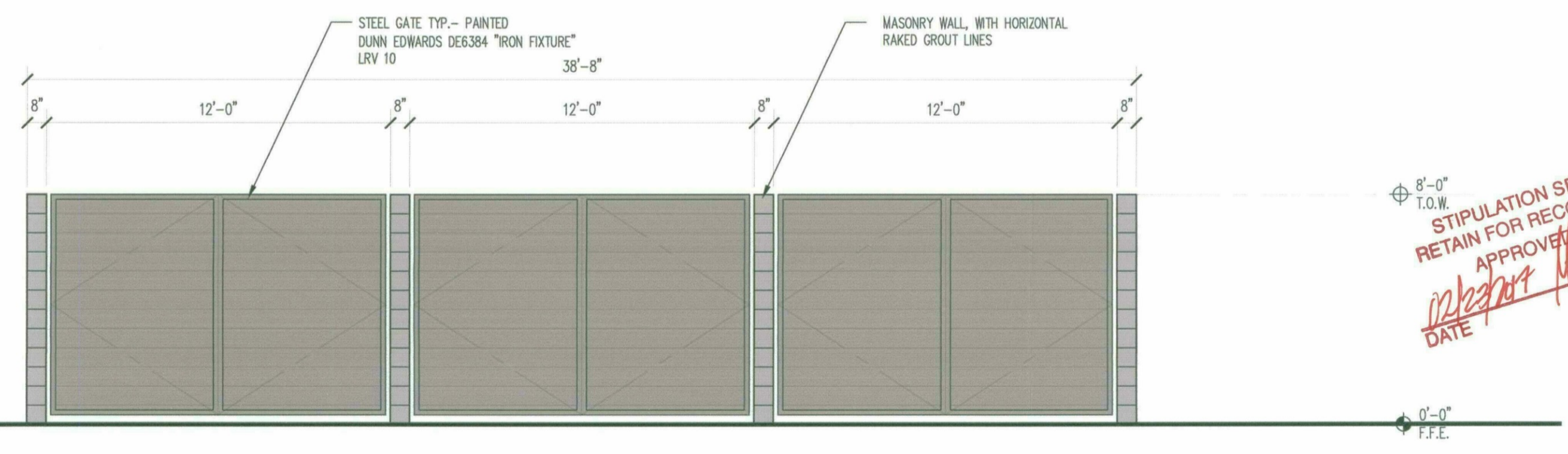
3 arena / turn out pen equestrian fence elevation (typical)
1/4" = 1'-0"



5 perimeter equestrian fence-typical
1/4" = 1'-0"



4 manure / refuse / sawdust enclosure elevations
1/4" = 1'-0"



EAST AND WEST ELEVATIONS

NORTH AND SOUTH ELEVATIONS

STIPULATION SET
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DATE
INITIALS

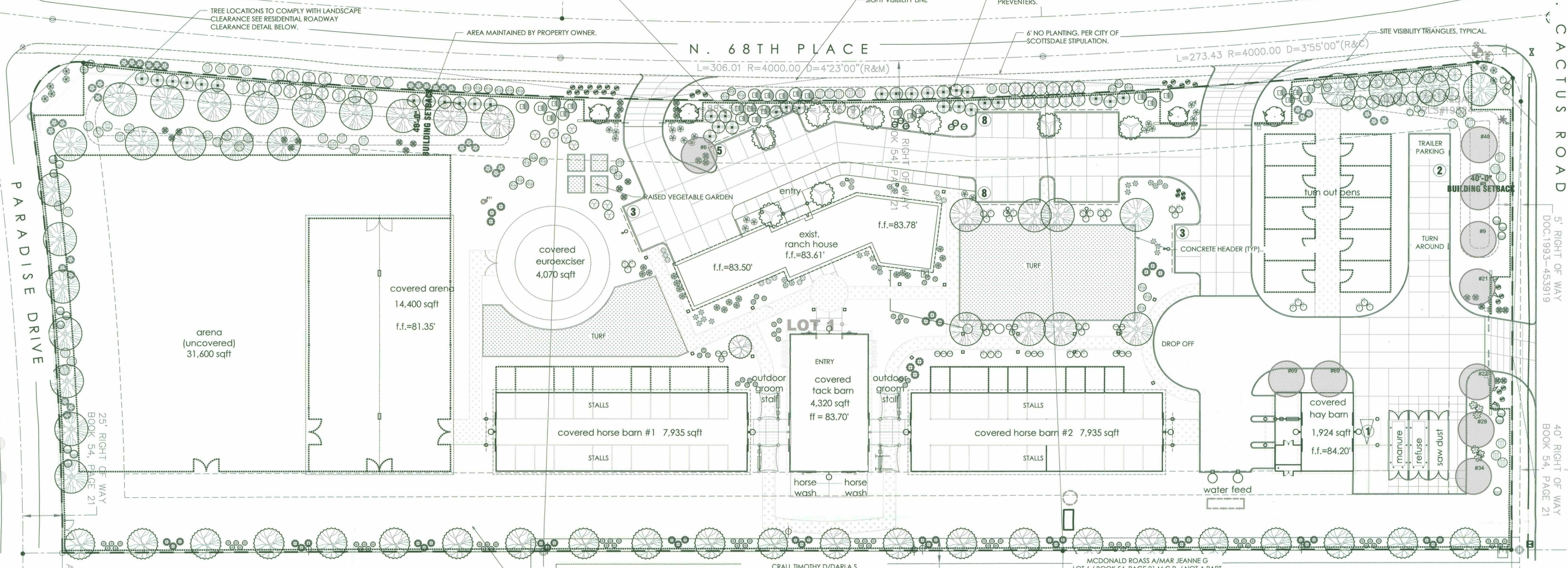
LOT 14
BOOK 54, PAGE 21 M.C.R.
NOT A PART

LANDSCAPE SCREENING TO BE PROVIDED
AT ALL PARKING AREAS AS SHOWN.

LOT 13
BOOK 54, PAGE 21 M.C.R.
NOT A PART

SCREEN ALL ABOVE GROUND
UTILITIES & BACKFLOW
PREVENTERS.

LOT 12
BOOK 54, PAGE 21 M.C.R.
NOT A PART



BISHOP WILLIAM M/LEA ANN
LOT 8
BOOK 54, PAGE 21 M.C.R.
NOT A PART

CRALL TIMOTHY D/DARLA S
LOT 7
BOOK 54, PAGE 21 M.C.R.
NOT A PART

MCDONALD ROASS A/MAR JEANNE G
LOT 6 / BOOK 54, PAGE 21 M.C.R. / NOT A PART

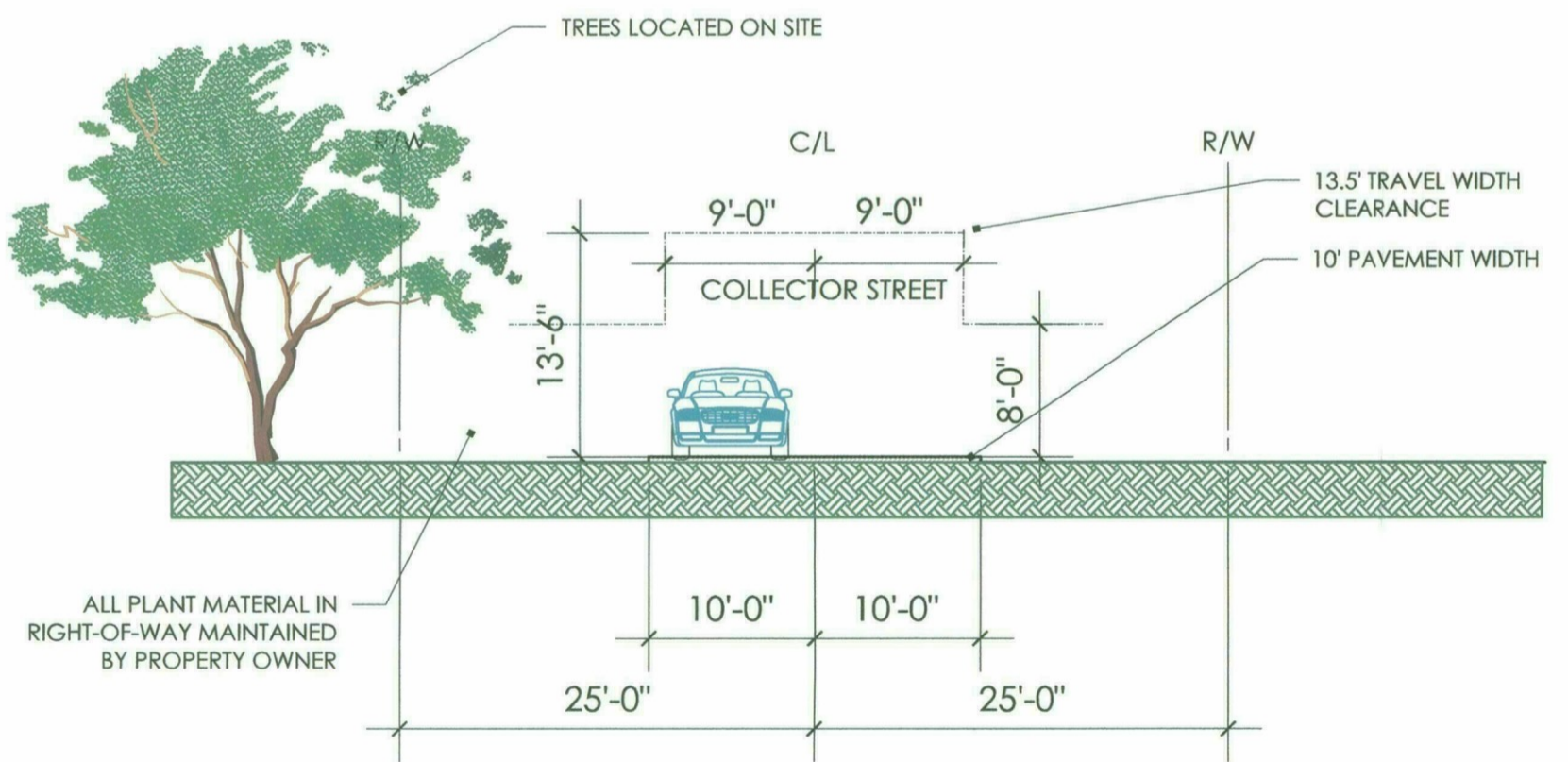
PLANT MATERIALS LEGEND

Sym.	Plant Name	Size	Qty
Trees			
	Salvaged Ocotillos	See Plan	1
	Transplanted from Site/ See Salvage Plan		
	Salvaged Saguaros	See Plan	1
	Transplanted from Site/ See Salvage Plan		
	Salvaged Trees	See Plan	10
	Transplanted from Site/ See Salvage Plan		
	Chitalpa tashkentensis	24" Box	4
	Chitalpa		
	Acacia salicina	24" Box	24
	Willow Acacia		
	Prosopis hybrid 'AZT'	24" Box	8
	Seedless Honey Mesquite		
	Ulmus parvifolia 'True Green'	24" Box	35
	True Green Elm		
Shrubs			
	Bougainvillea 'Rosenka'	5 gal.	16
	Bougainvillea		
	Callistemon viminalis 'Little John'	5 gal.	30
	Bottlebrush		
	Convolvulus cneorum	5 gal.	27
	Bush Morning Glory		
	Cordia parvifolia	5 gal.	35
	Little Leaf Cordia		
	Dodonaea viscosa 'Purpurea'	5 gal.	45
	Purple Hop Bush		

	Eremophila hygrophana 'Blue Bells'	Blue Bells Eremophila	5 gal.	18
	Eremophila maculata 'Valentine'	Valentine Shrub	5 gal.	9
	Leucophyllum laevigatum	Chihuahuan Sage	5 gal.	33
	Leucophyllum langmaniae 'Rio Bravo'	Rio Bravo Sage	5 gal.	27
	Leucophyllum zygophyllum	Blue Ranger	5 gal.	6
	Ruellia brittoniana	Ruellia	5 gal.	47
	Ruellia equisetiformis	Coral Fountain	5 gal.	60
	Tecoma stans	Yellow Bells	5 gal.	26
Groundcovers				
	Eremophila glabra 'Mingenew Gold'	Mingenew Gold Eremophila	5 gal.	46
	Glandularia goodingii	Gooding Verbena	5 gal.	6
	Lantana montevidensis	Purple Trailing Lantana	5 gal.	24
	Lantana 'New Gold'	New Gold Lantana	5 gal.	4
Accents/Cacti				
	Agave desmettiana	Tropical Agave	5 gal.	14
	Aloe barbadensis	Medicinal Aloe	5 gal.	16
	Aloe x 'Blue Elf'	Blue Elf Aloe	5 gal.	11

LANDSCAPE DATA TABLE

RIGHT OF WAY LANDSCAPE	22,000 S.F.
PARKING LANDSCAPE	6,800 S.F.
ON-SITE LANDSCAPE	110,000 S.F.
TOTAL	138,800 S.F.



68th Place Residential Roadway Clearance Detail
Scale: 1/16" = 1'-0"

MASS PLANTING

- SOD MIDIRON 11,000 S.F.
- 1/4" MINUS STABILIZED DG PATHWAYS

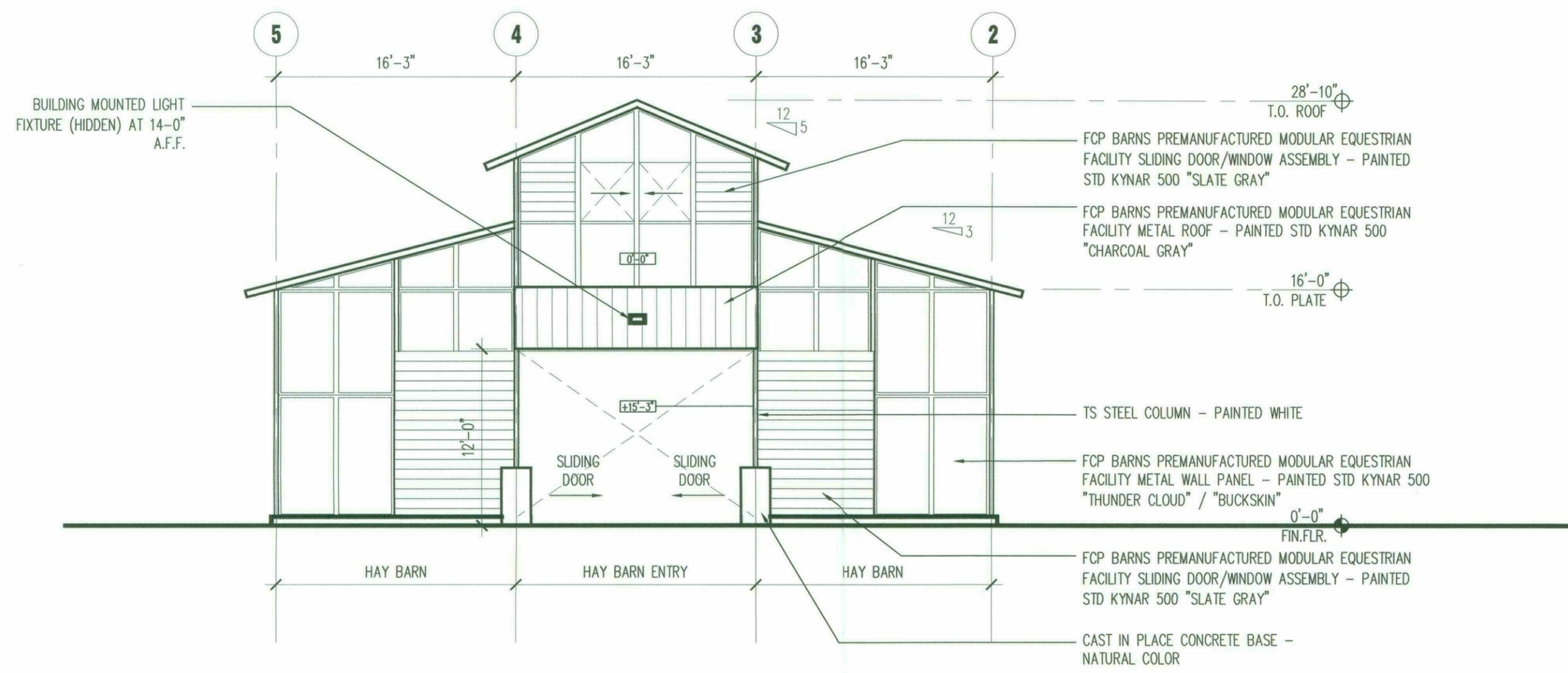
INERTS

- DECOMPOSED GRANITE.
- 1/2" EXPRESS GOLD

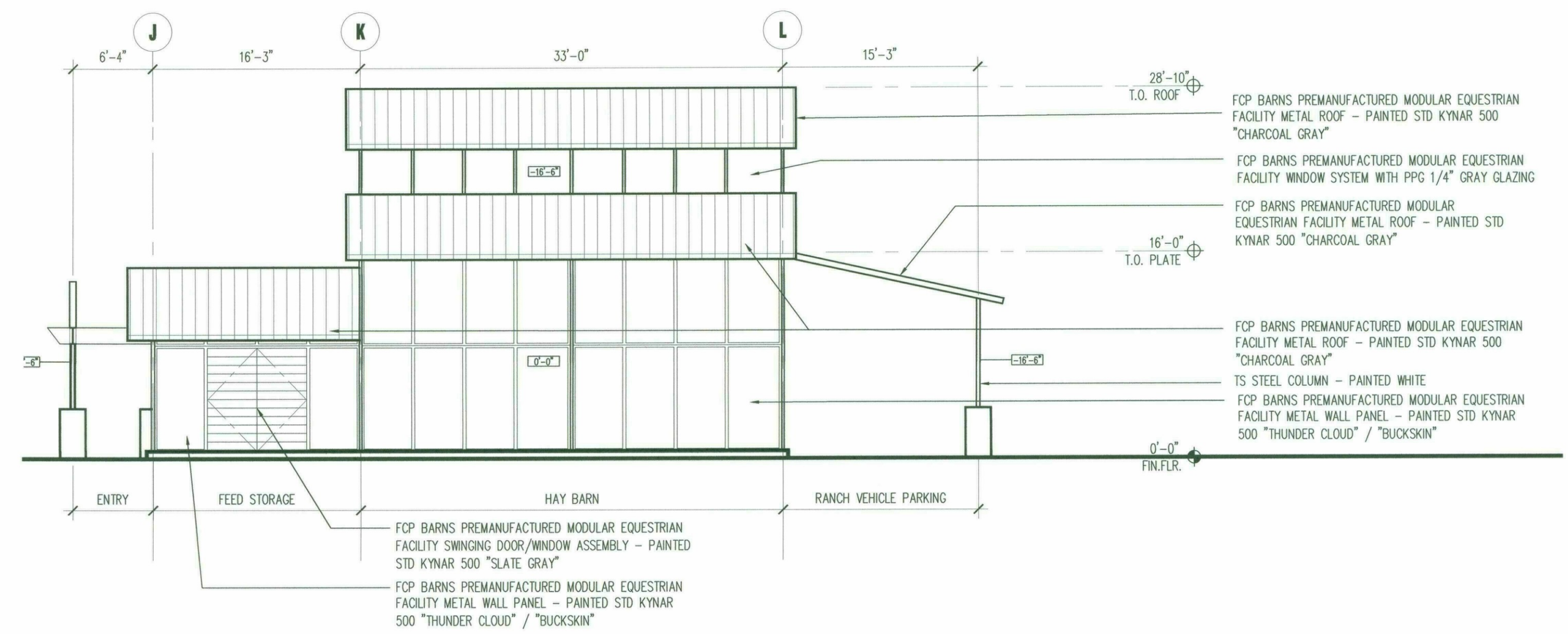
NOTES:

- ALL PLANTS SHALL BE WATERED WITH AN AUTOMATIC DRIP IRRIGATION SYSTEM.
- ALL LANDSCAPE AREAS EXCLUDING TURF TO BE COVERED WITH CRUSHED ROCK.
- LANDSCAPE ARCHITECT TO APPROVE FINAL GRADING. PLANTING SHALL NOT OCCUR UNTIL FINAL GRADING IS APPROVED.
- ALL SHRUBS TO BE PLANTED 3'-0" MIN. AWAY FROM EXISTING OR FUTURE WALLS.
- ALL TREES TO BE PLANTED 5'-0" AWAY FROM EXISTING OR FUTURE WALLS.
- ALL TREES SHALL BE PLANTED MIN. 5'-0" AWAY FROM WALKS, CURBS AND WALLS. SHRUBS TO BE 2'-0" MIN. THE SAME.
- THE MAXIMUM HEIGHT OF ANY SHRUBS, PLANTS, BOULDERS AND WALLS WITHIN A SVT SHALL NOT EXCEED 18 INCHES. ANY TREES PLACED WITHIN THE SVT SHALL HAVE A CANOPY THAT IS KEPT AT 8' ABOVE THE CURB HEIGHT AND A MAX. MATURE TRUNK DIA. OF 8".
- TREES, SAGUAROS OR IN-LINE WALLS SHOULD BE PLACED AT LEAST 7 FEET BACK FROM ANY UNDERGROUND PUBLIC WATER LINE, SEWER LINE OR POWER CONDUIT LINE.

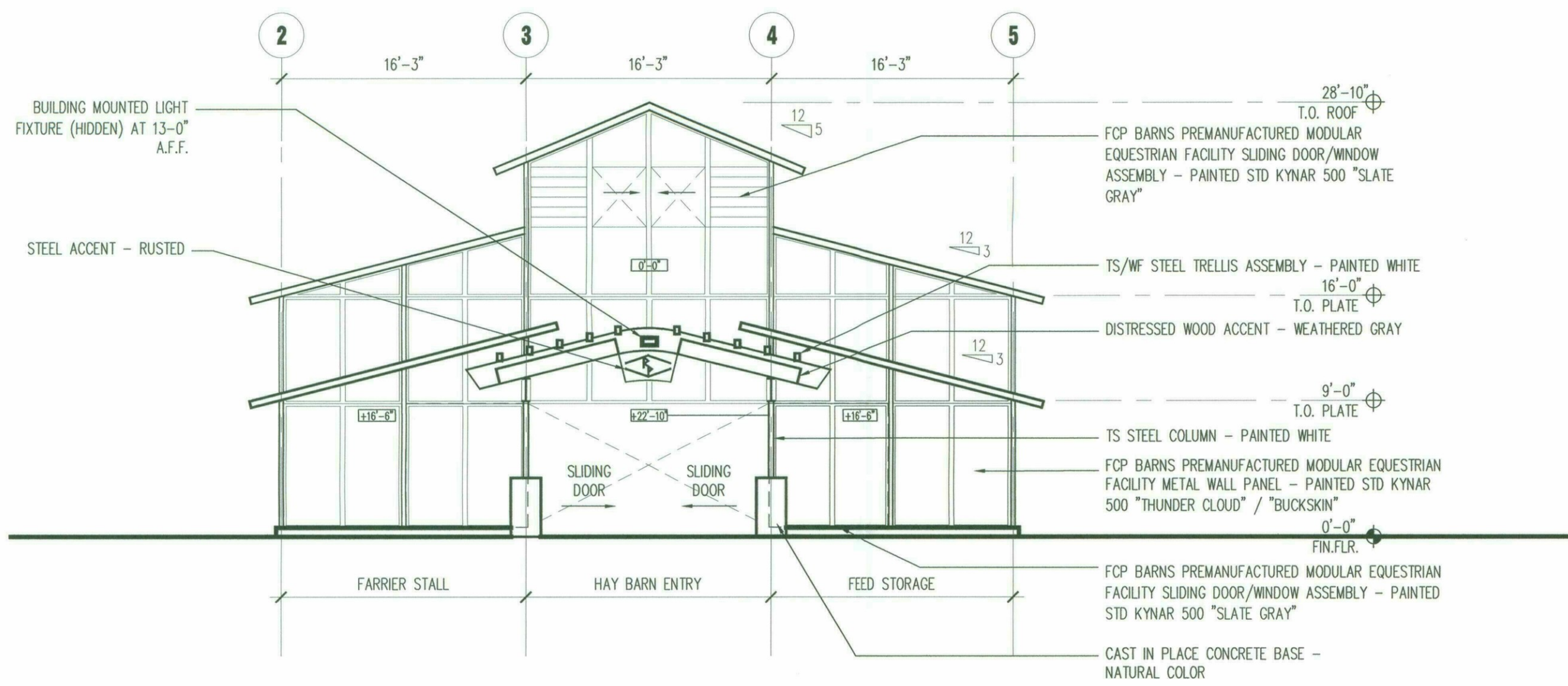
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DATE 1/23/16
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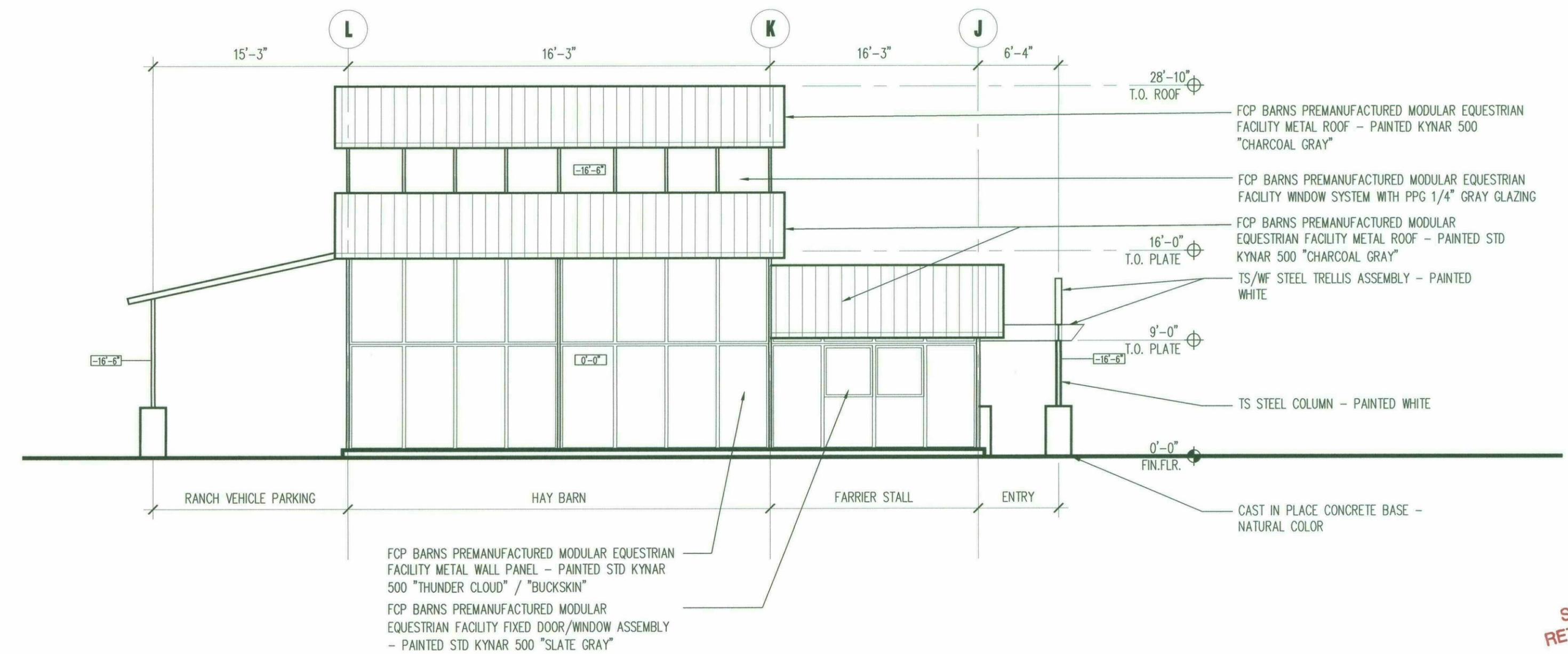
1 hay barn - north elevation
1/8" = 1'-0"



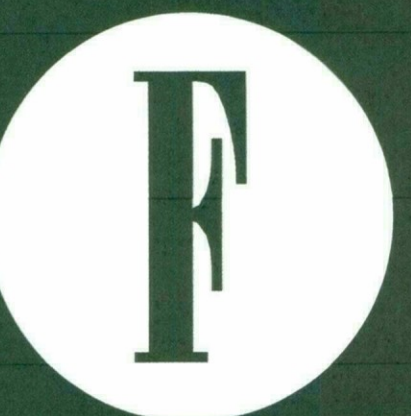
2 hay barn - east elevation
1/8" = 1'-0"



3 hay barn - south elevation
1/8" = 1'-0"

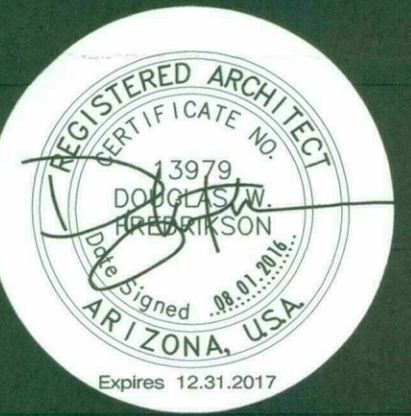


4 hay barn - west elevation
1/8" = 1'-0"



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13100

hay barn elevations

issue date

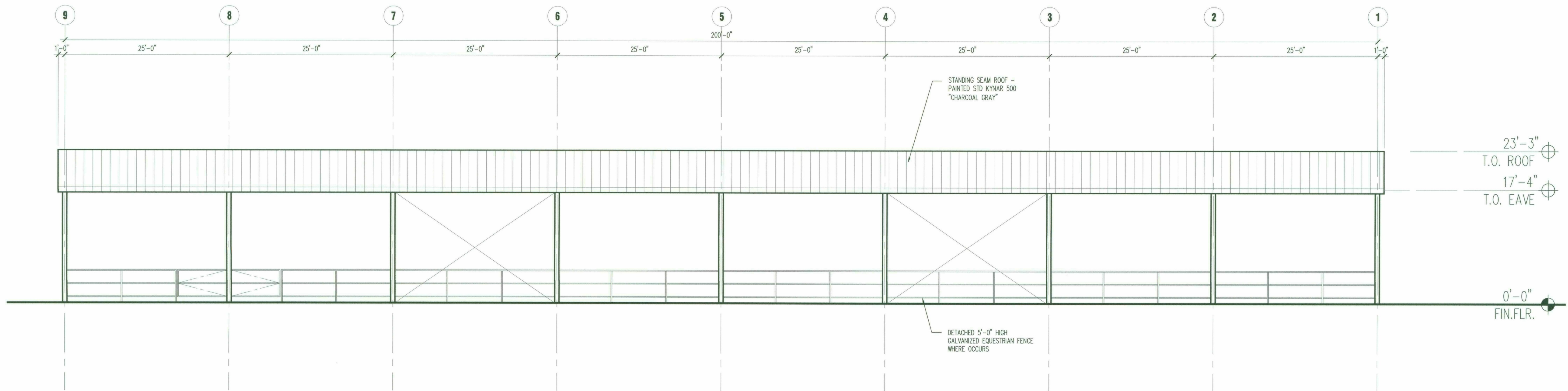
10.25.2015

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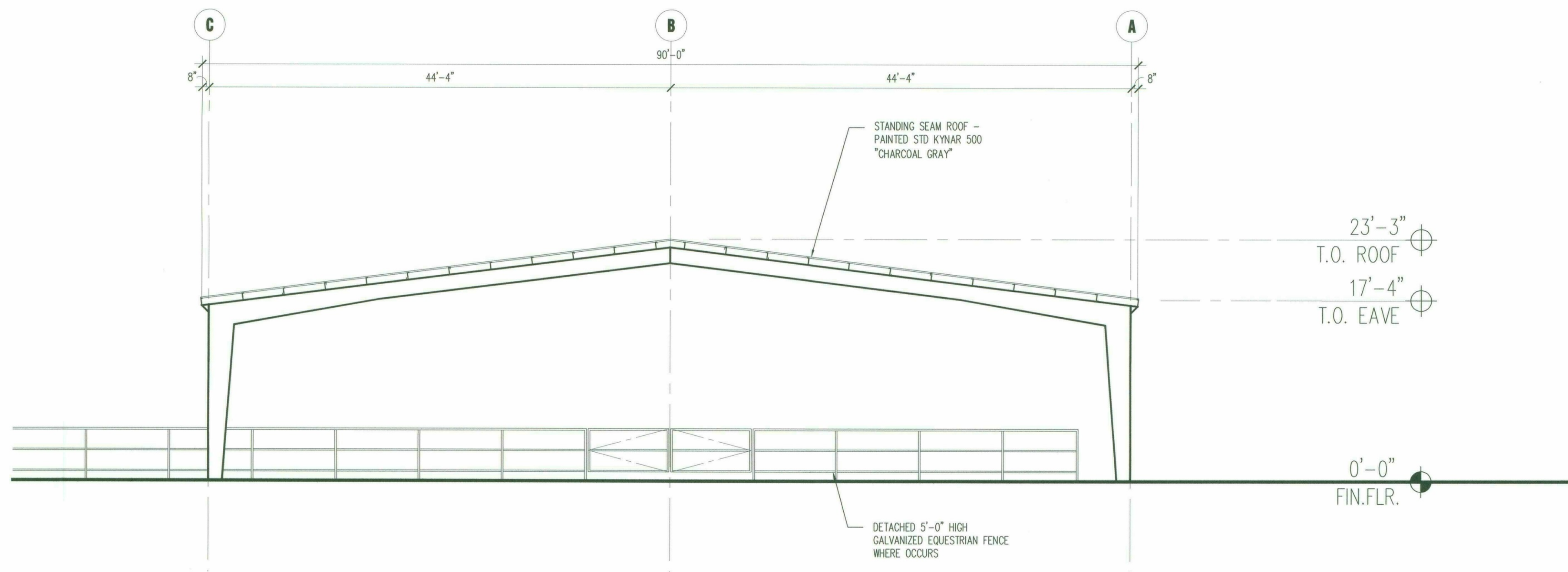
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DATE 12/27/15
INITIALS

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1 elevations - north and south
1/8" = 1'-0"

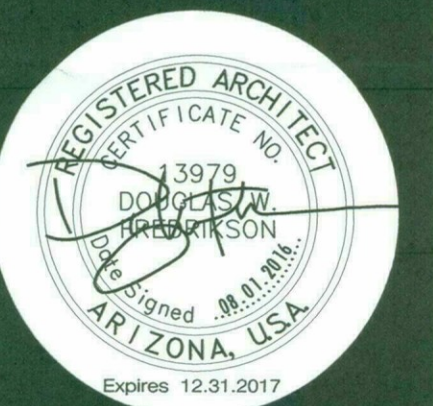


2 elevations - east and west
1/8" = 1'-0"



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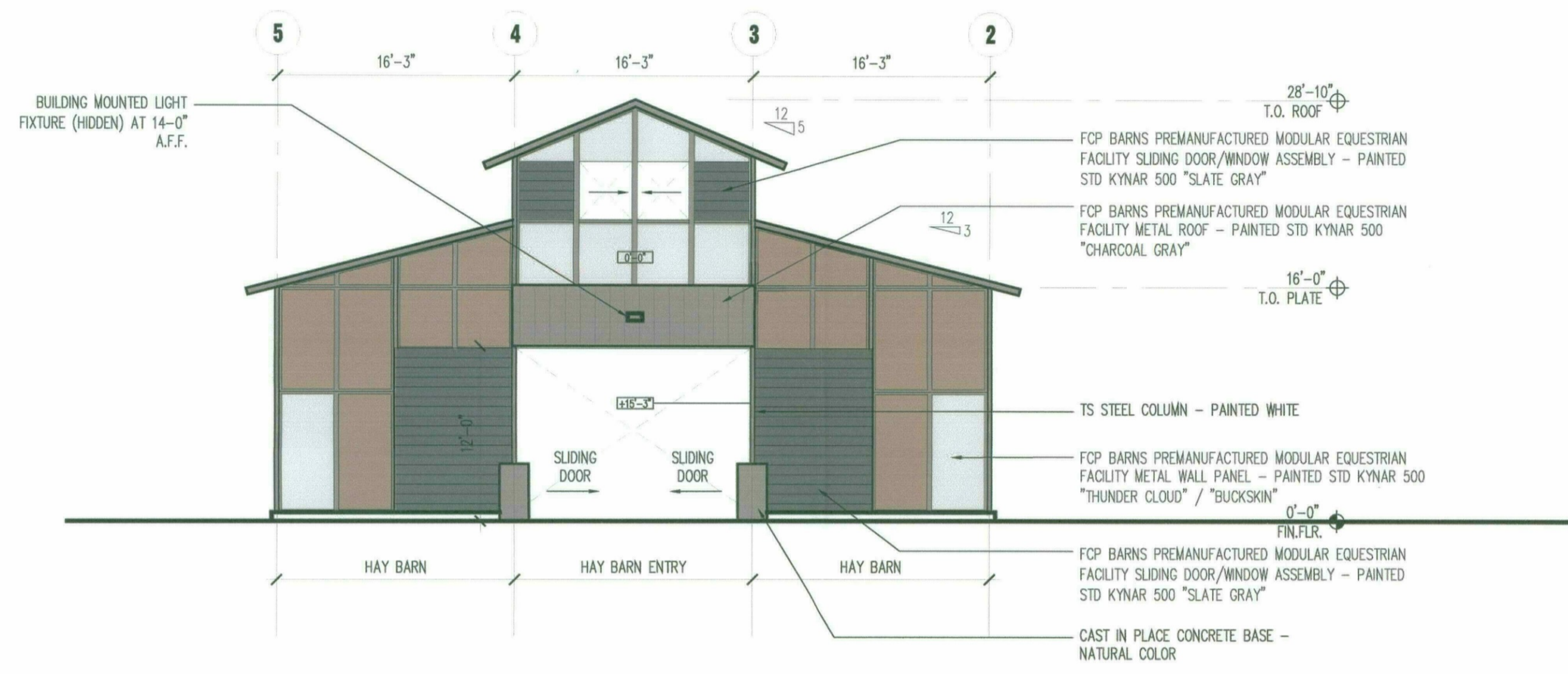
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existing house elevations
issue date
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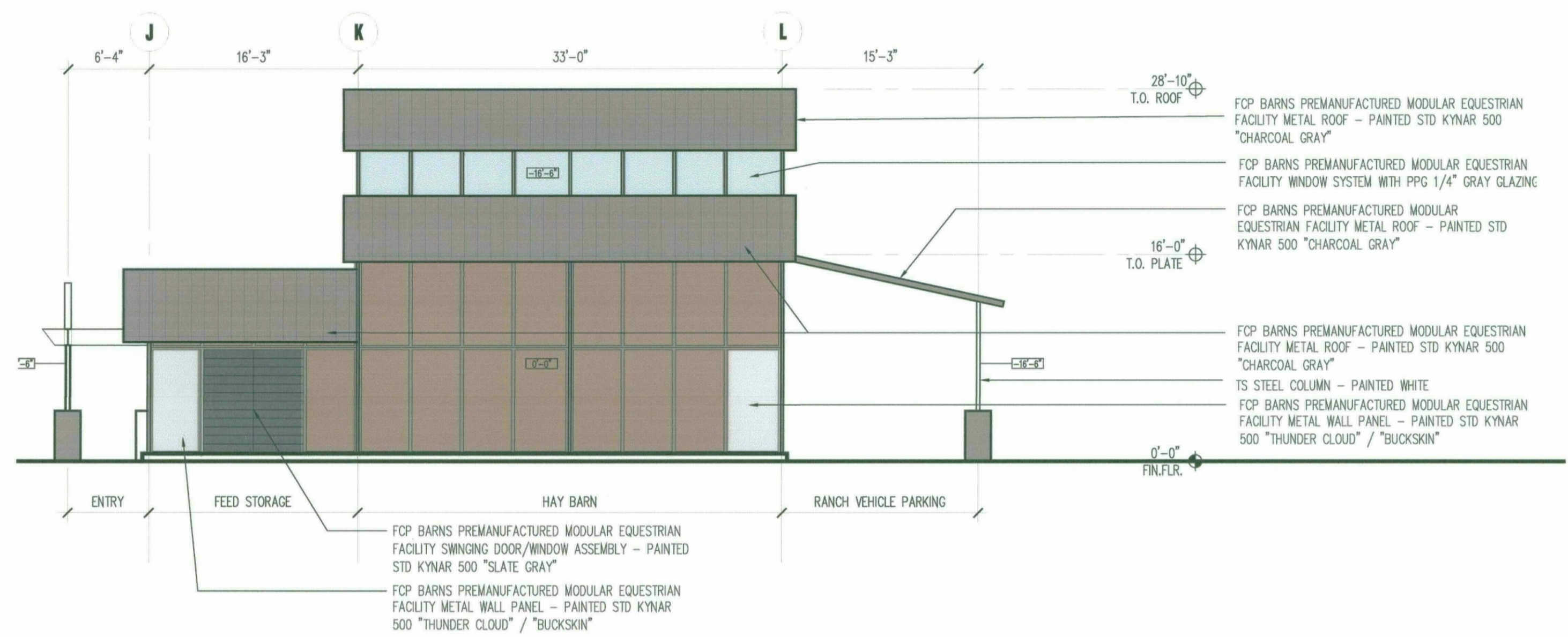
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DATE 12/23/17 INITIALS

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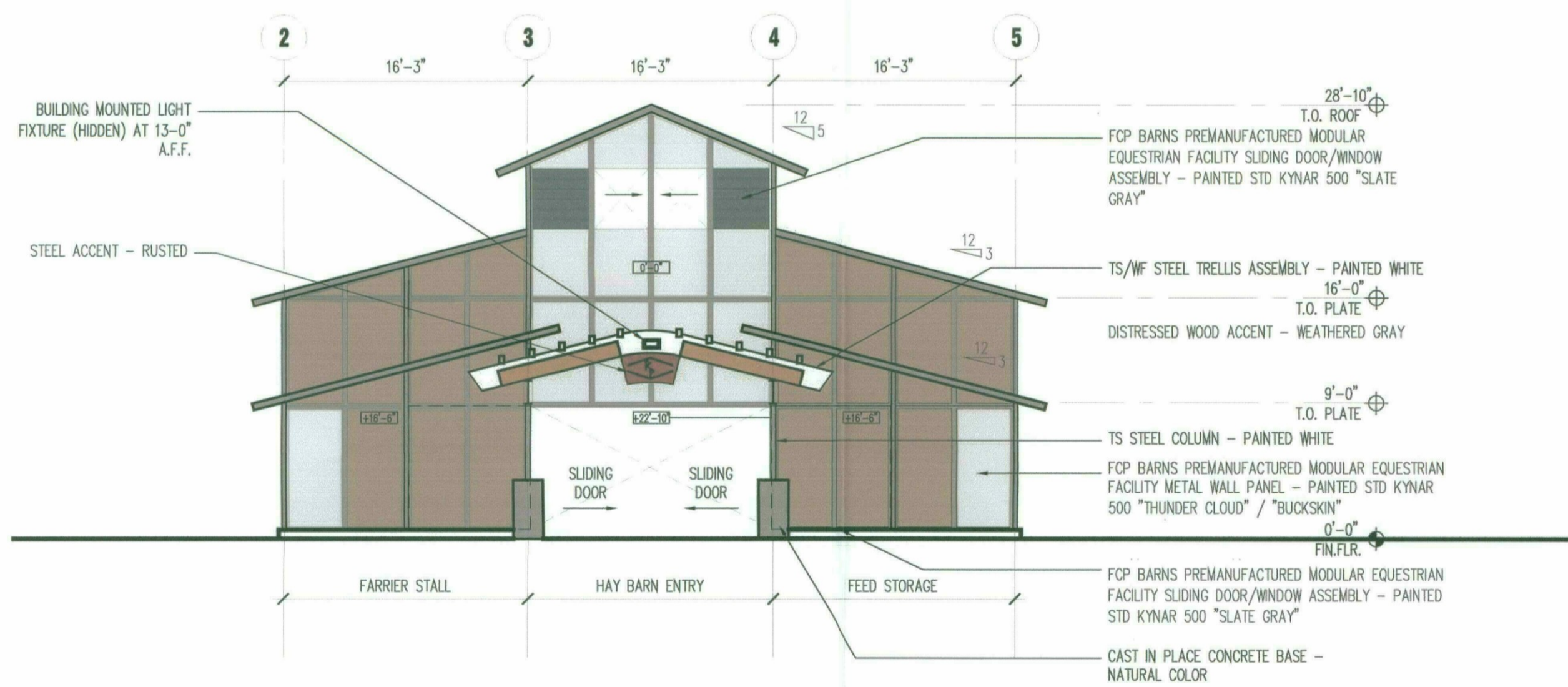
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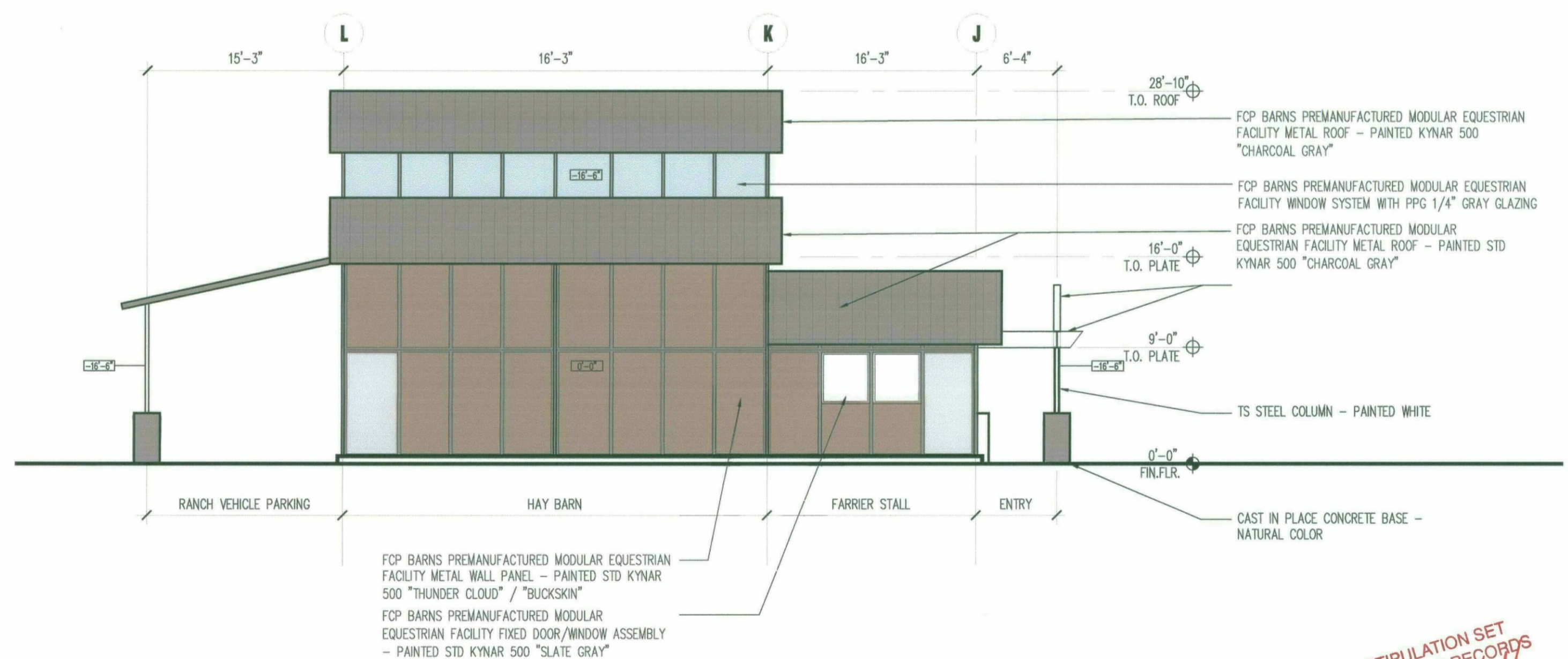
1 hay barn - north elevation
1/8" = 1'-0"



2 hay barn - east elevation
1/8" = 1'-0"

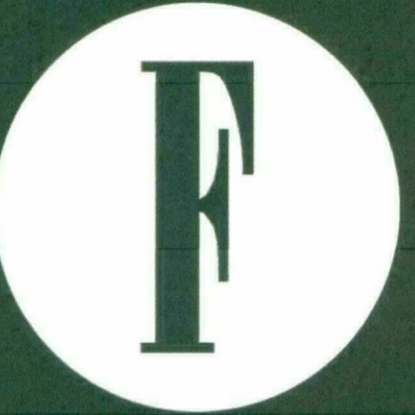


3 hay barn - south elevation
1/8" = 1'-0"



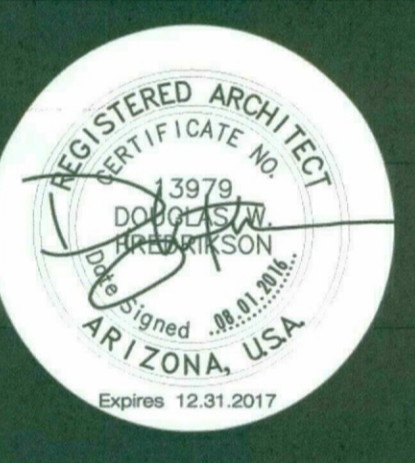
4 hay barn - west elevation
1/8" = 1'-0"

STIPULATION SET
RETAIN FOR RECORDS
APPROVED
DATE
INITIALS



RANCHO PARAISO

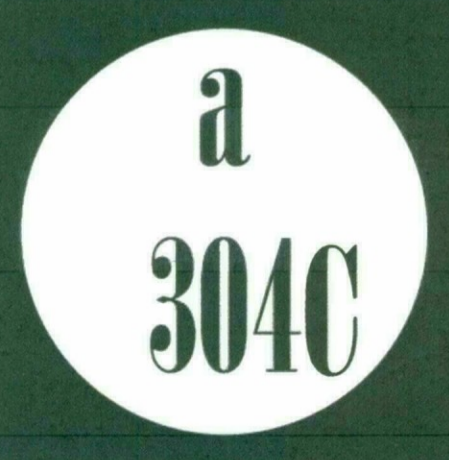
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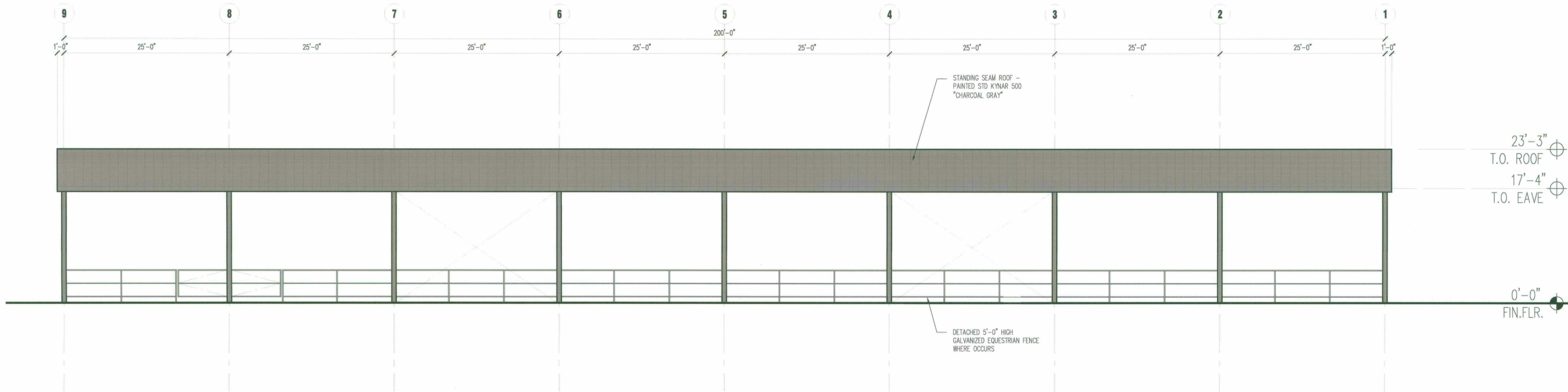
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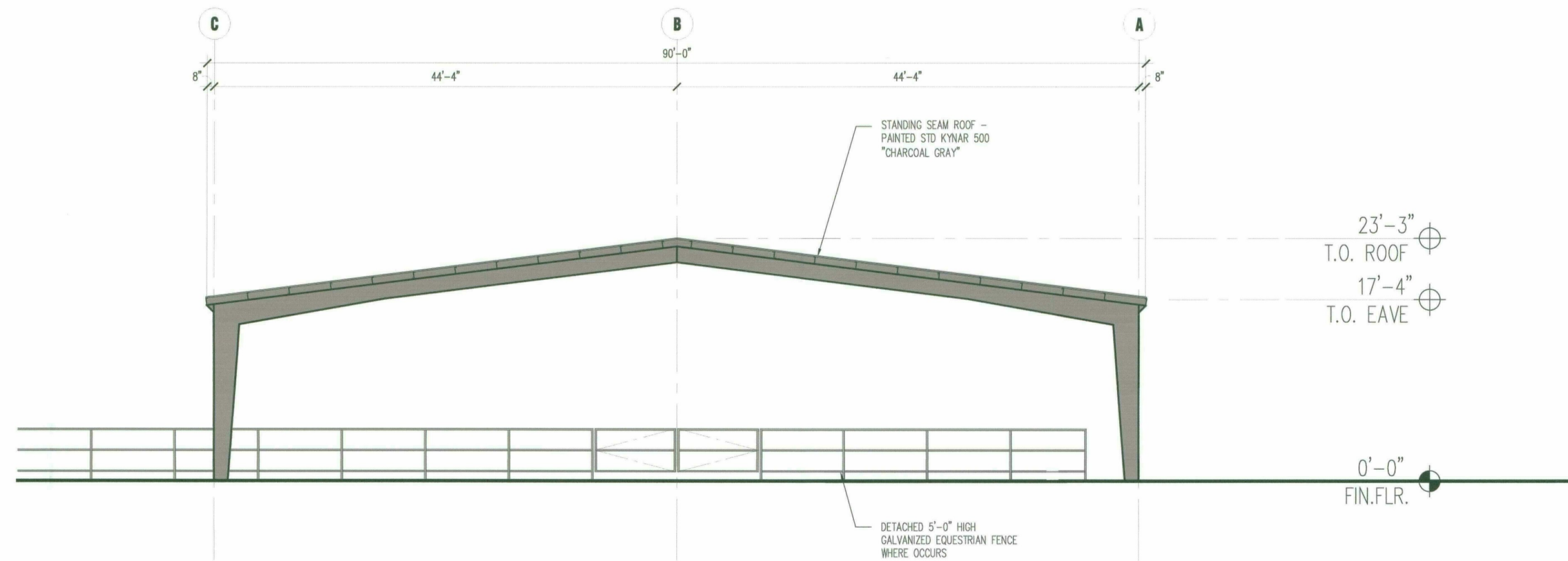
13100
hay barn elevations
issue date
10.25.2015
revisions



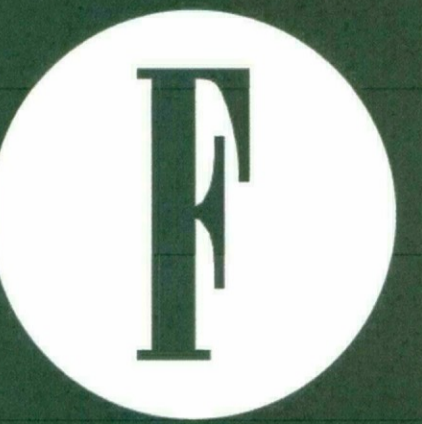
Plat Log # 3978-16 / Use Permit # 4-UP-2013



1 elevations - north and south
1/8" = 1'-0"

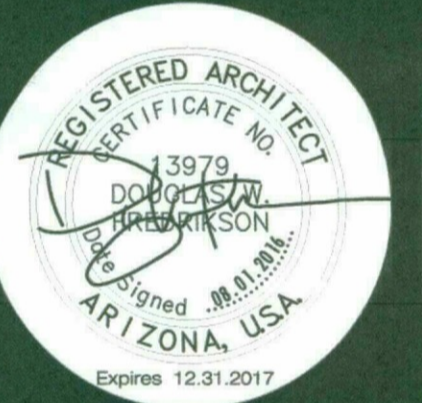


2 elevations - east and west
1/8" = 1'-0"



RANCHO PARAISO

12011 North 68th Place, Scottsdale Arizona



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602.277.1625

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13100

existing house elevations

issue date

10.25.2015

revisions

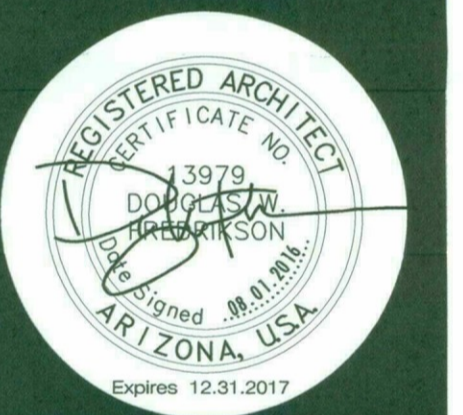
STIPULATION SET
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APPROVED *WJ*
12/29/2015 DATE INITIALS

a
3050



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13100

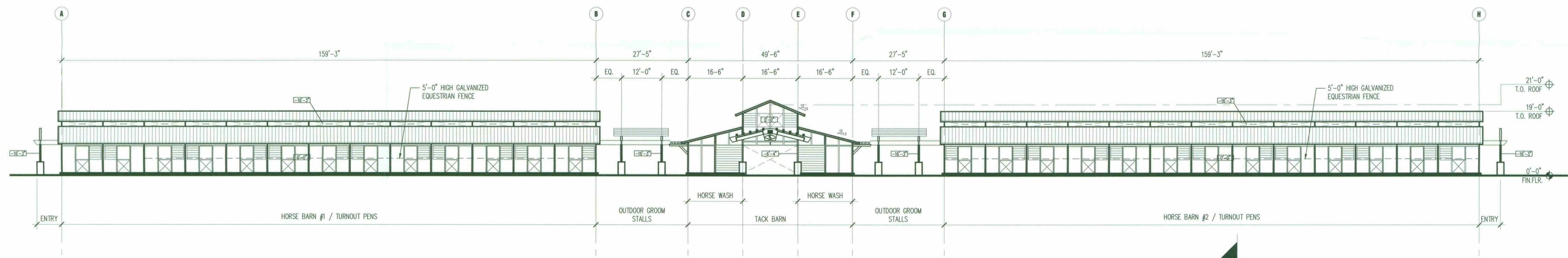
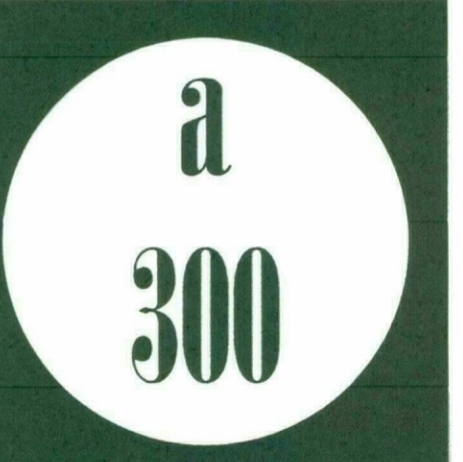
overall elevations

issue date

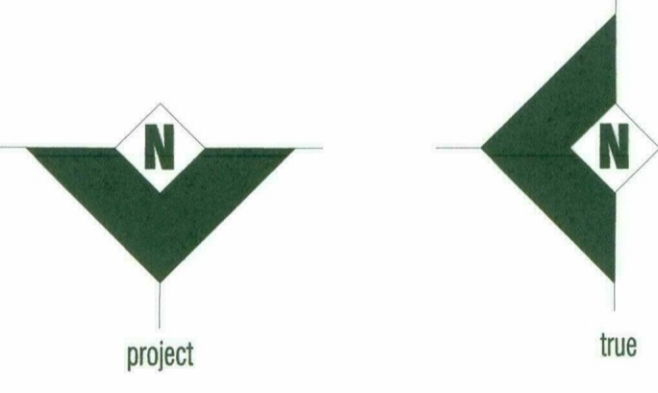
10.25.2015

revisions

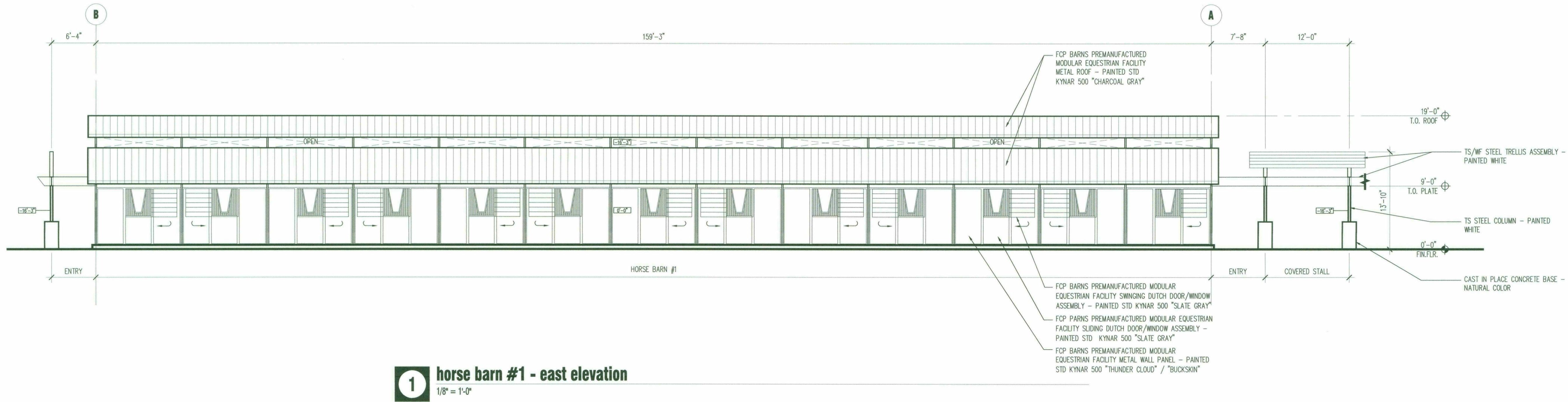
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APPROVED *Wh.*
DATE 02/28/2017 INITIALS



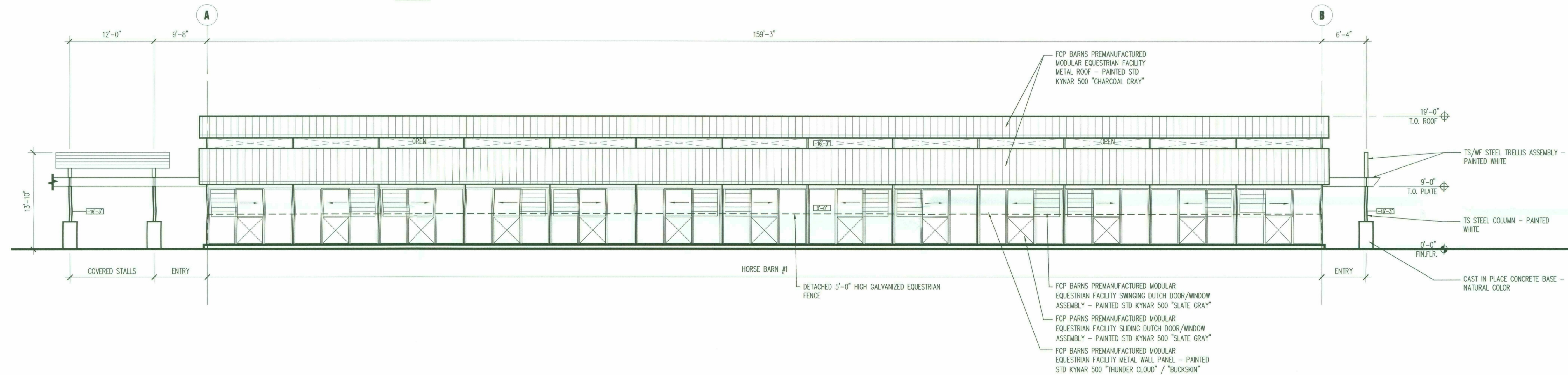
1 overall elevations - horse and tack barns
1/16" = 1'-0"



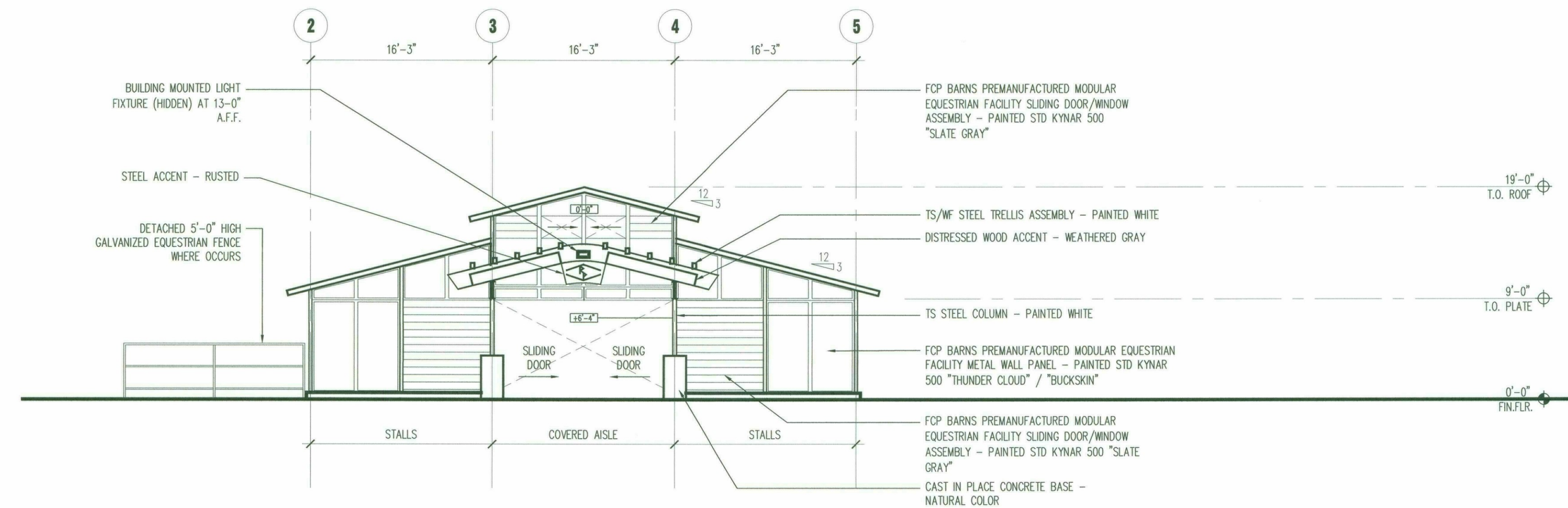
Plat Log # 3978-16 / Use Permit # 4-UP-2013



1 horse barn #1 - east elevation
1/8" = 1'-0"



2 horse barn #1 - west elevation
1/8" = 1'-0"



3 horse barn #1 - end elevation
1/8" = 1'-0"



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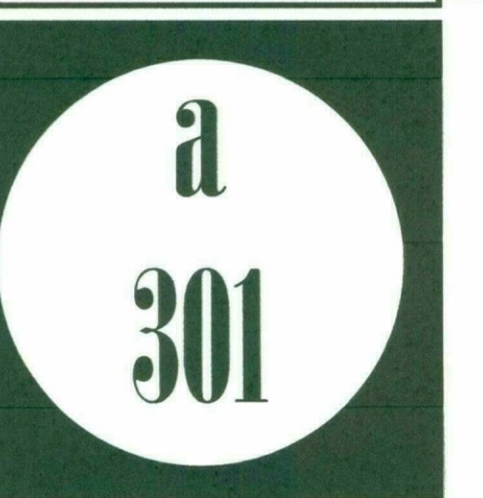


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13100
horse barn #1 elevations
issue date
10.25.2015
revisions

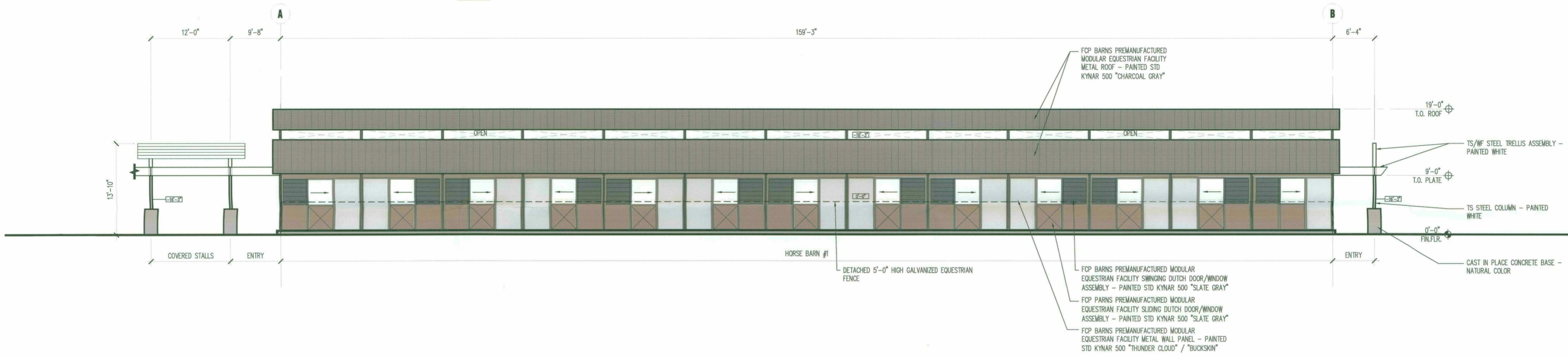
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12/20/2017 DATE INITIALS



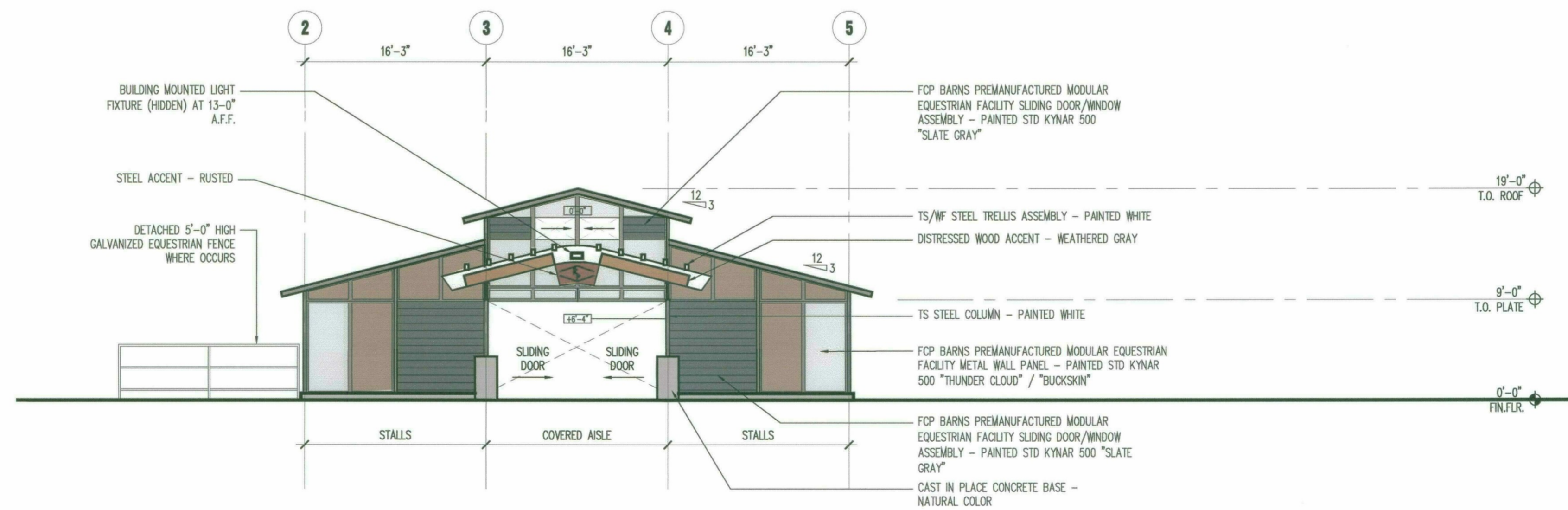
Plat Log # 3978-16 / Use Permit # 4-UP-2013



1 horse barn #1 - east elevation
1/8" = 1'-0"



2 horse barn #1 - west elevation
1/8" = 1'-0"

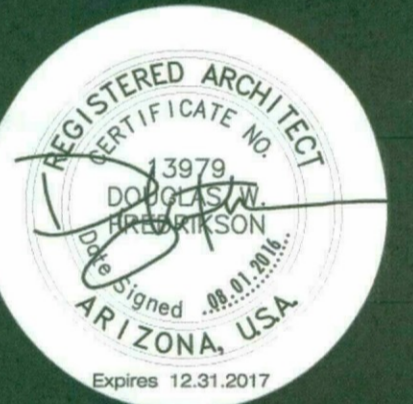


3 horse barn #1 - end elevation
1/8" = 1'-0"



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horse barn #1 elevations

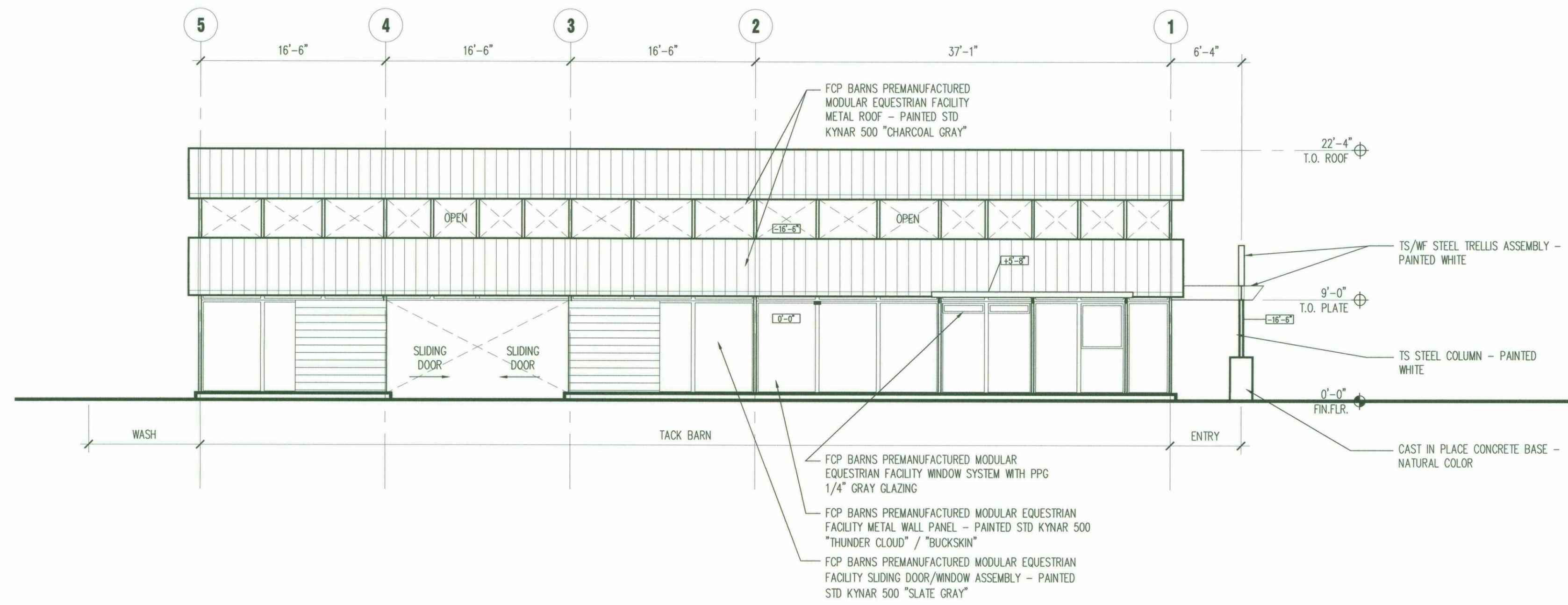
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10.25.2015

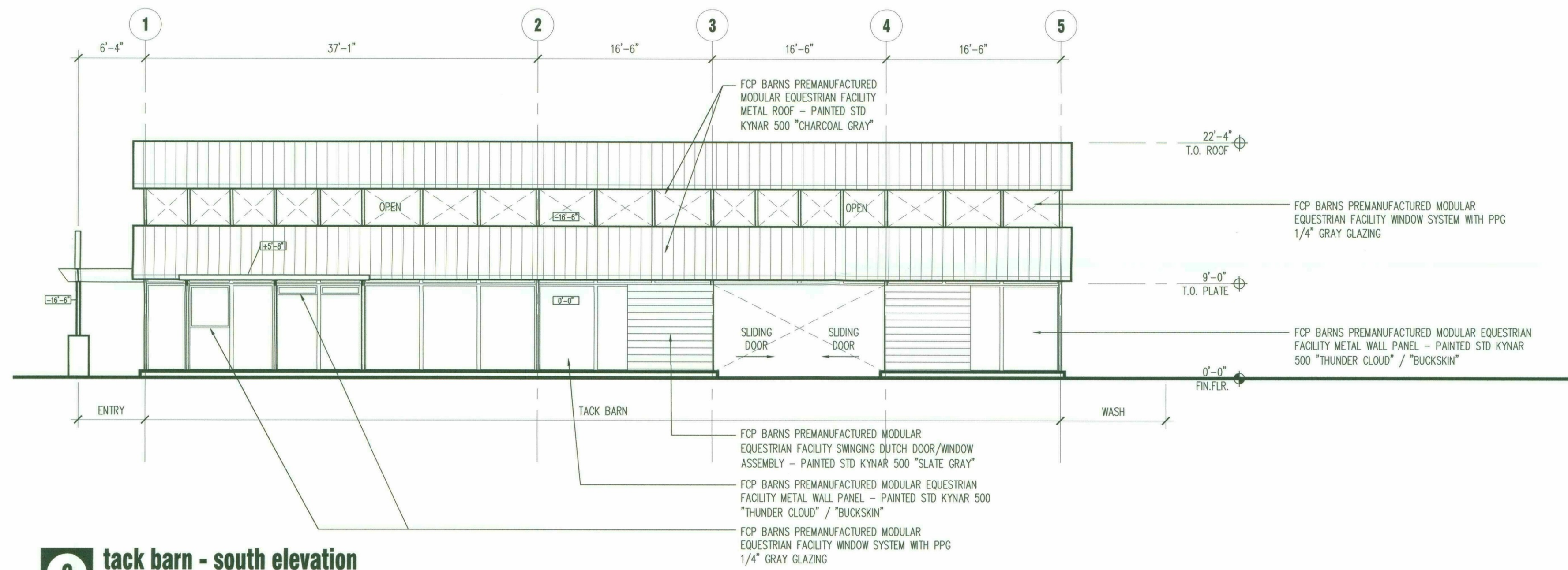
revisions

STIPULATION SET
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APPROVED
DATE 12/29/2015 INITIALS JF

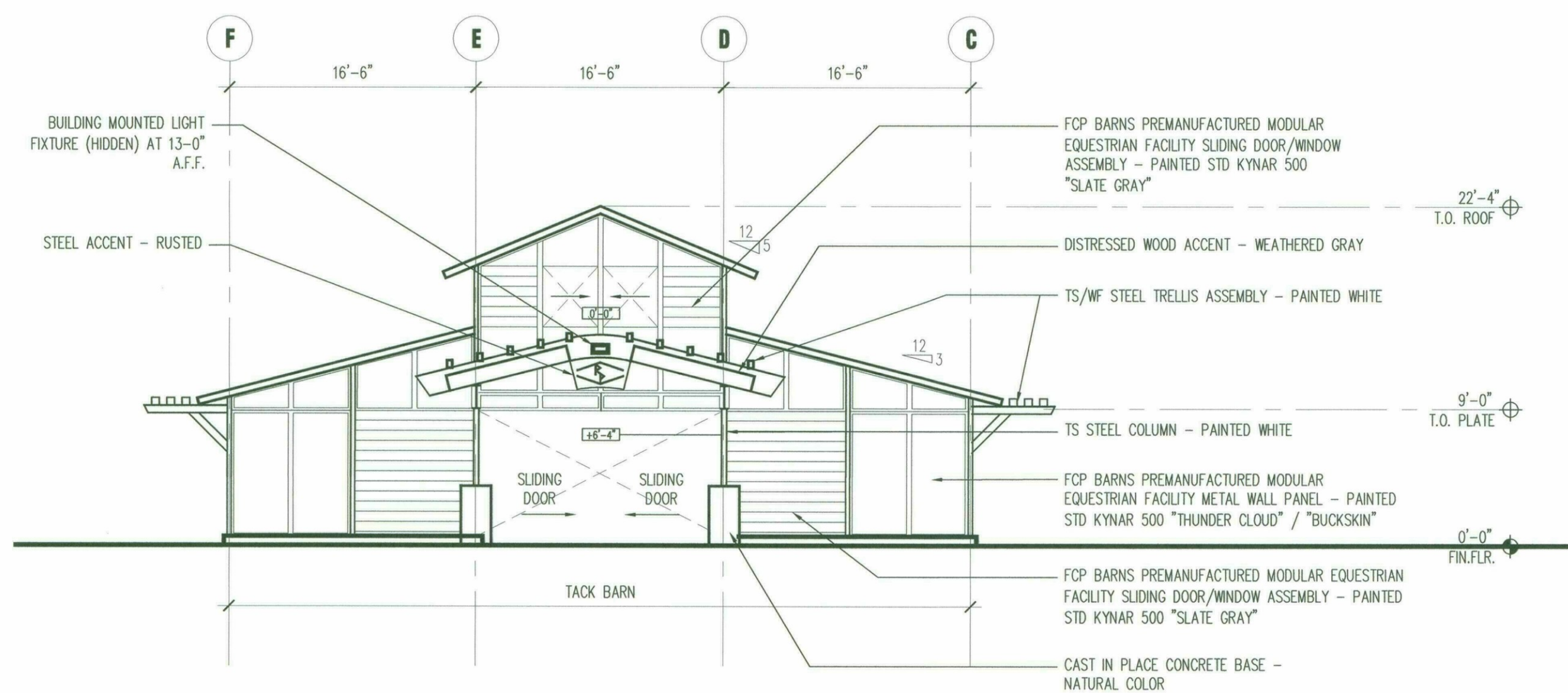




1 tack barn- north elevation
1/8" = 1'-0"



2 tack barn - south elevation
1/8" = 1'-0"

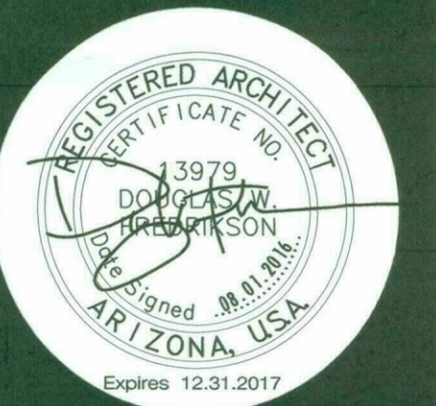


3 tack barn- end elevation
1/8" = 1'-0"



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13100

tack barn elevations

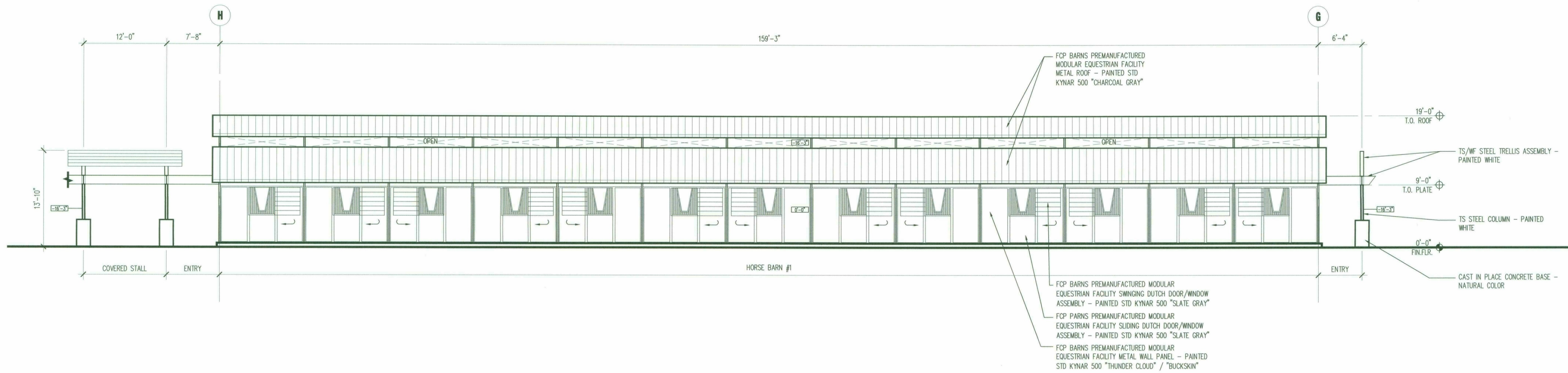
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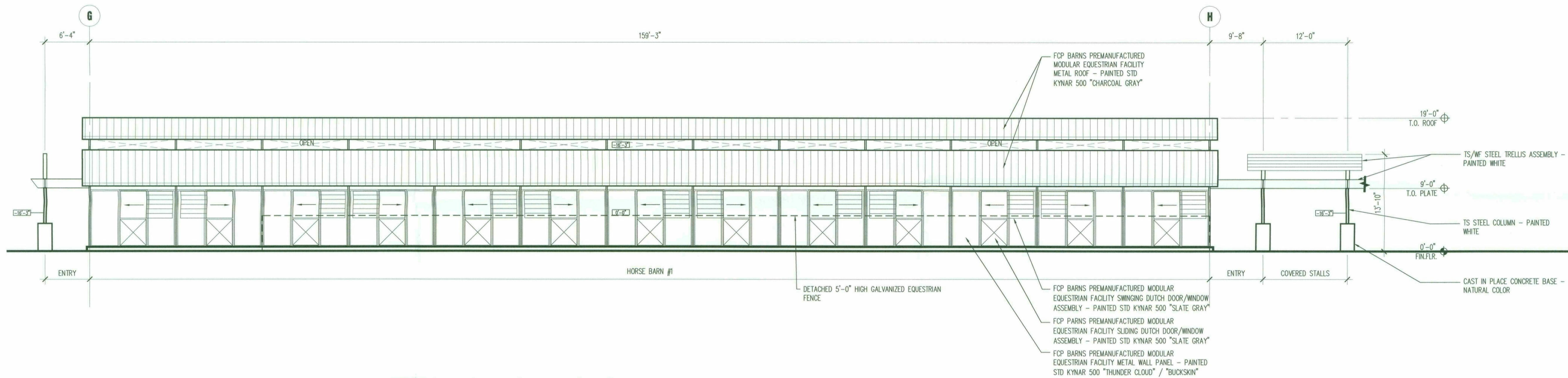
revisions

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APPROVED [Signature]
DATE 12/23/2017 INITIALS

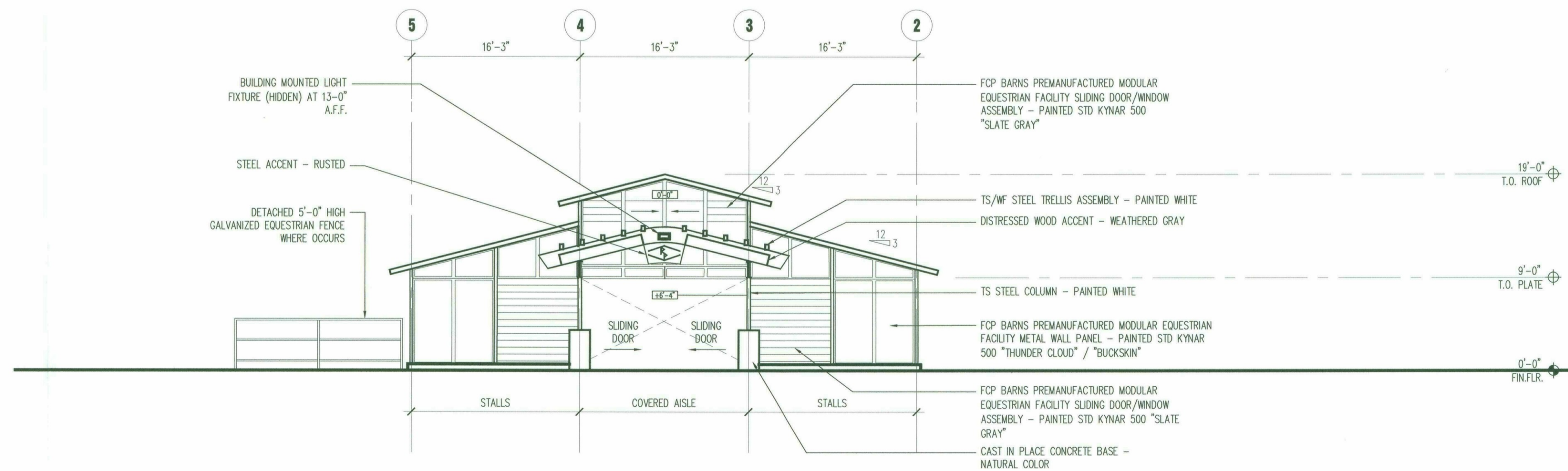
a
302



1 horse barn #2 - east elevation
1/8" = 1'-0"



2 horse barn #2 - west elevation
1/8" = 1'-0"



3 horse barn #2 - end elevation
1/8" = 1'-0"



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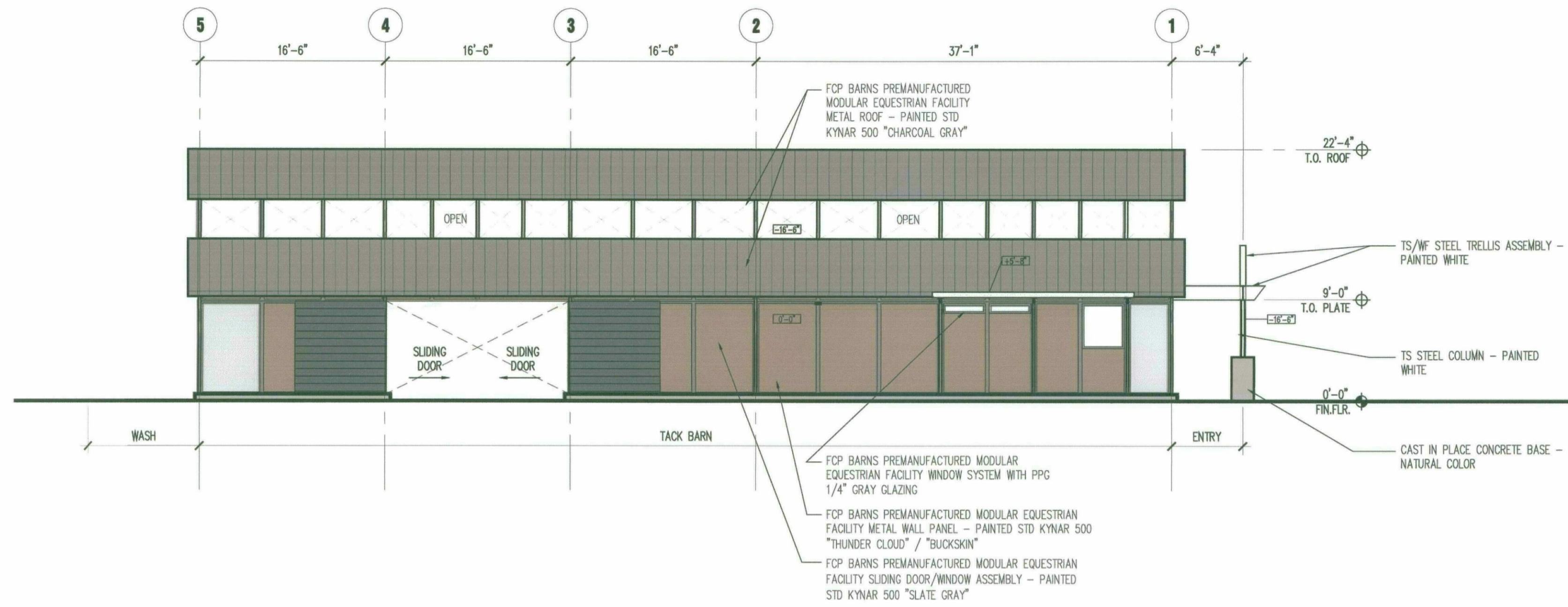
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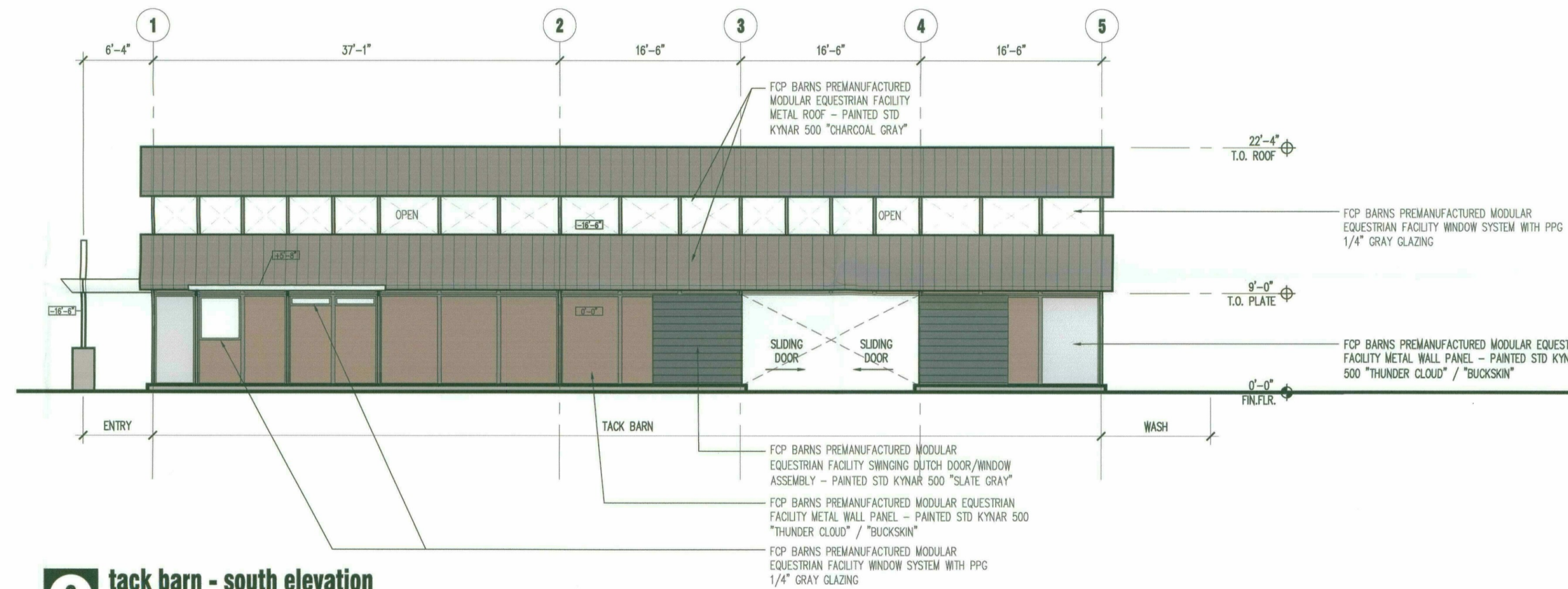
13100
horse barn #2 elevations
issue date
10.25.2015
revisions

STIPULATION SET
RETAIN FOR RECORDS
APPROVED
DATE
INITIALS

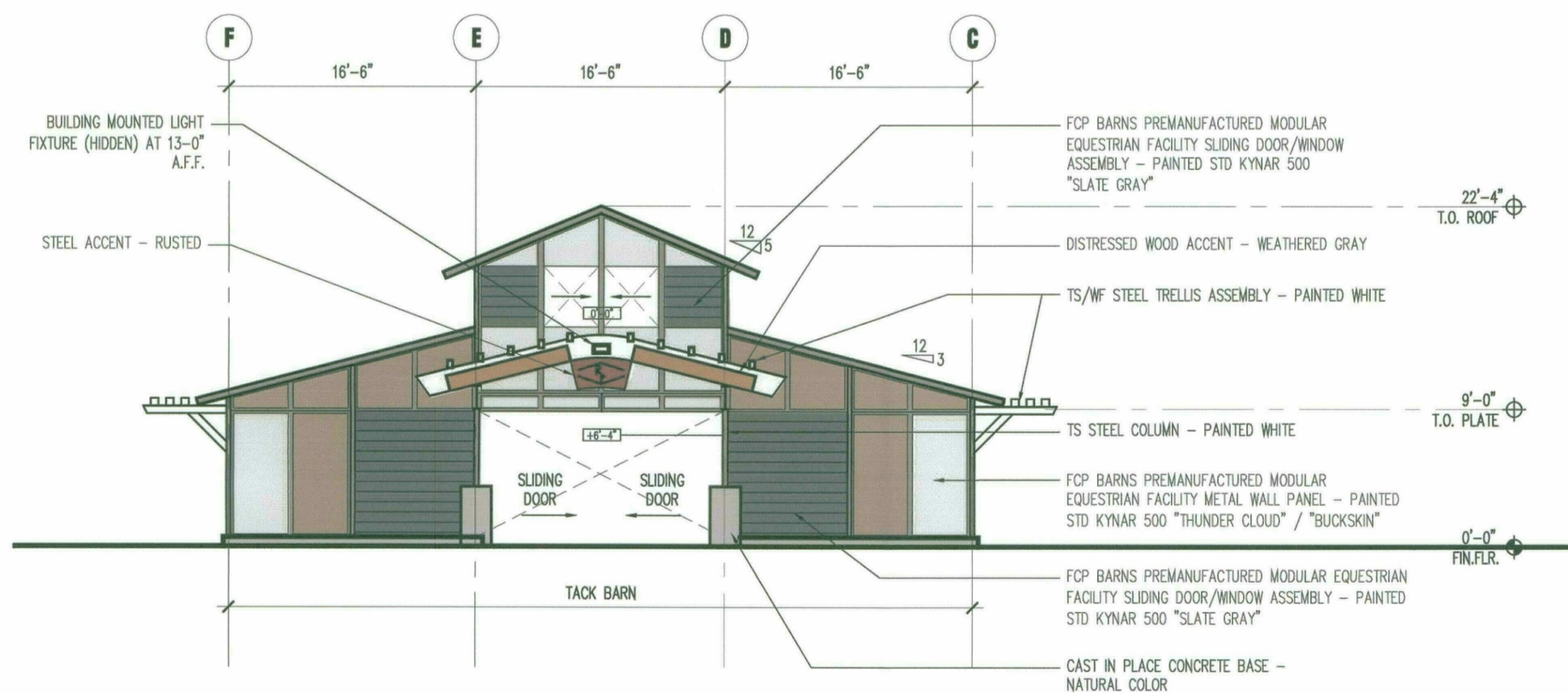




1 tack barn- north elevation
1/8" = 1'-0"



2 tack barn - south elevation
1/8" = 1'-0"



3 tack barn- end elevation
1/8" = 1'-0"



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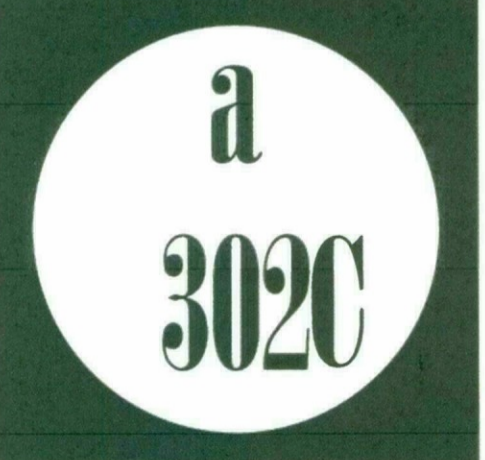


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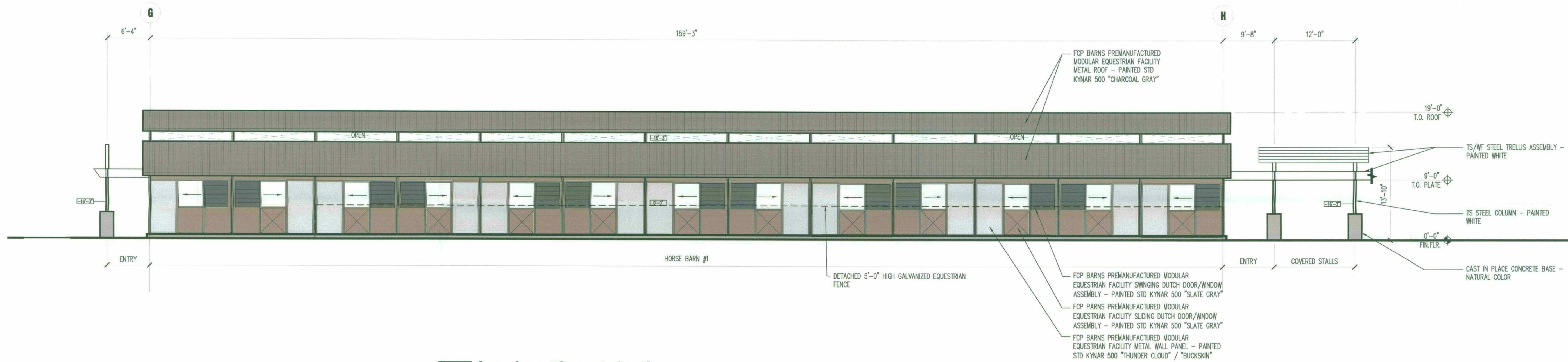
13100
tack barn elevations
issue date
10.25.2015
revisions

STIPULATION SET
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APPROVED
DATE: 10/29/2015
INITIALS: [Signature]

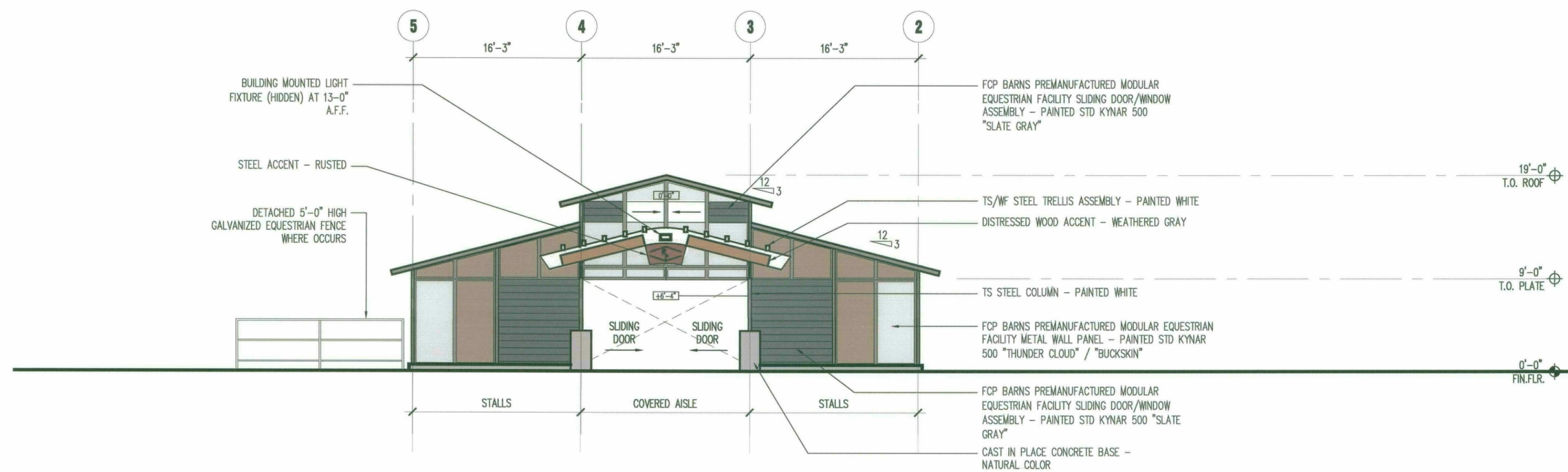




1 horse barn #2 - east elevation
1/8" = 1'-0"



2 horse barn #2 - west elevation
1/8" = 1'-0"



3 horse barn #2 - end elevation
1/8" = 1'-0"



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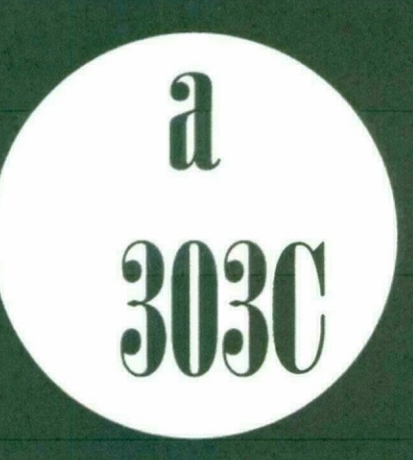


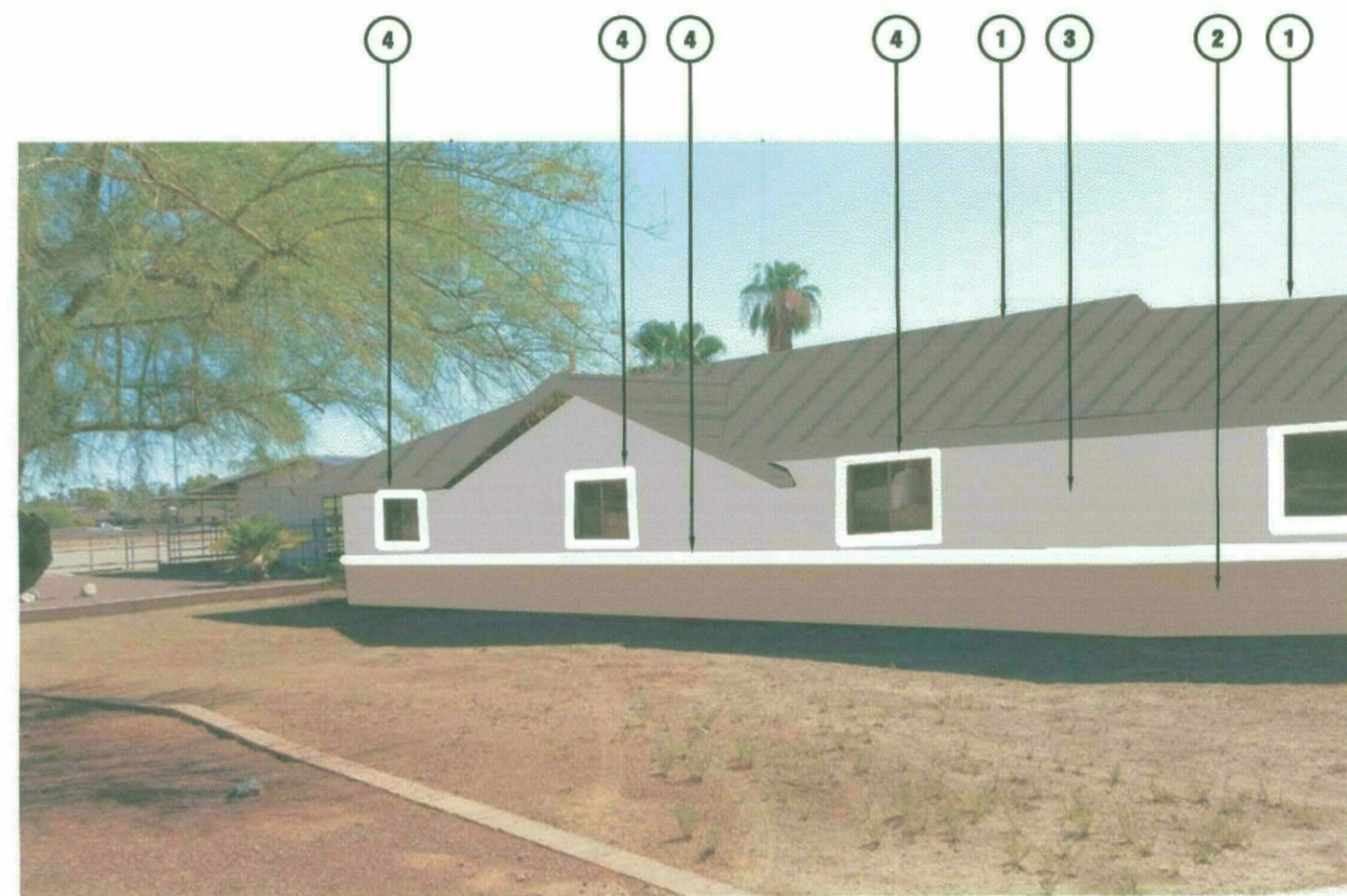
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13100
horse barn #2 elevations
issue date
10.25.2015
revisions

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DATE 12/29/2017
INITIALS

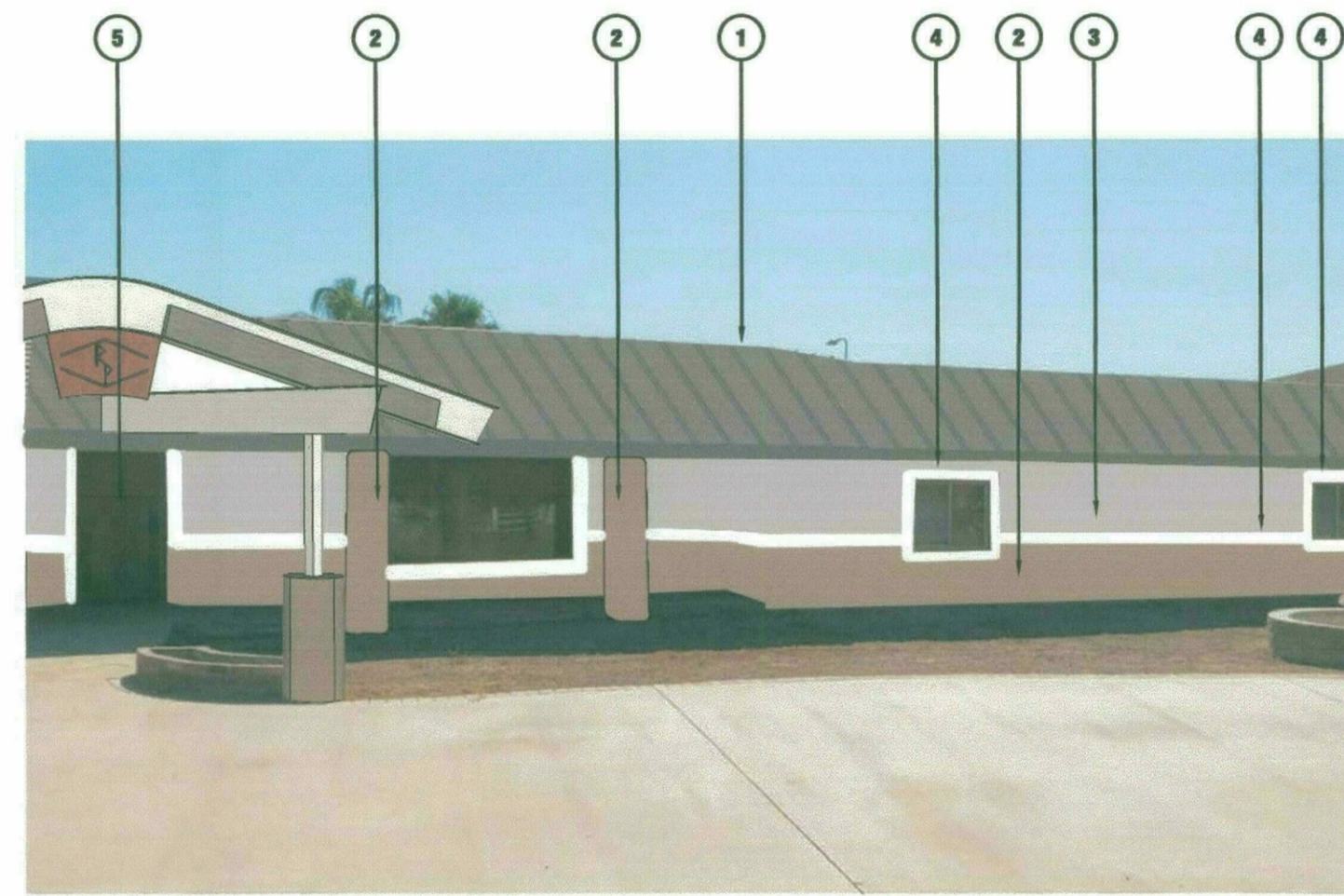




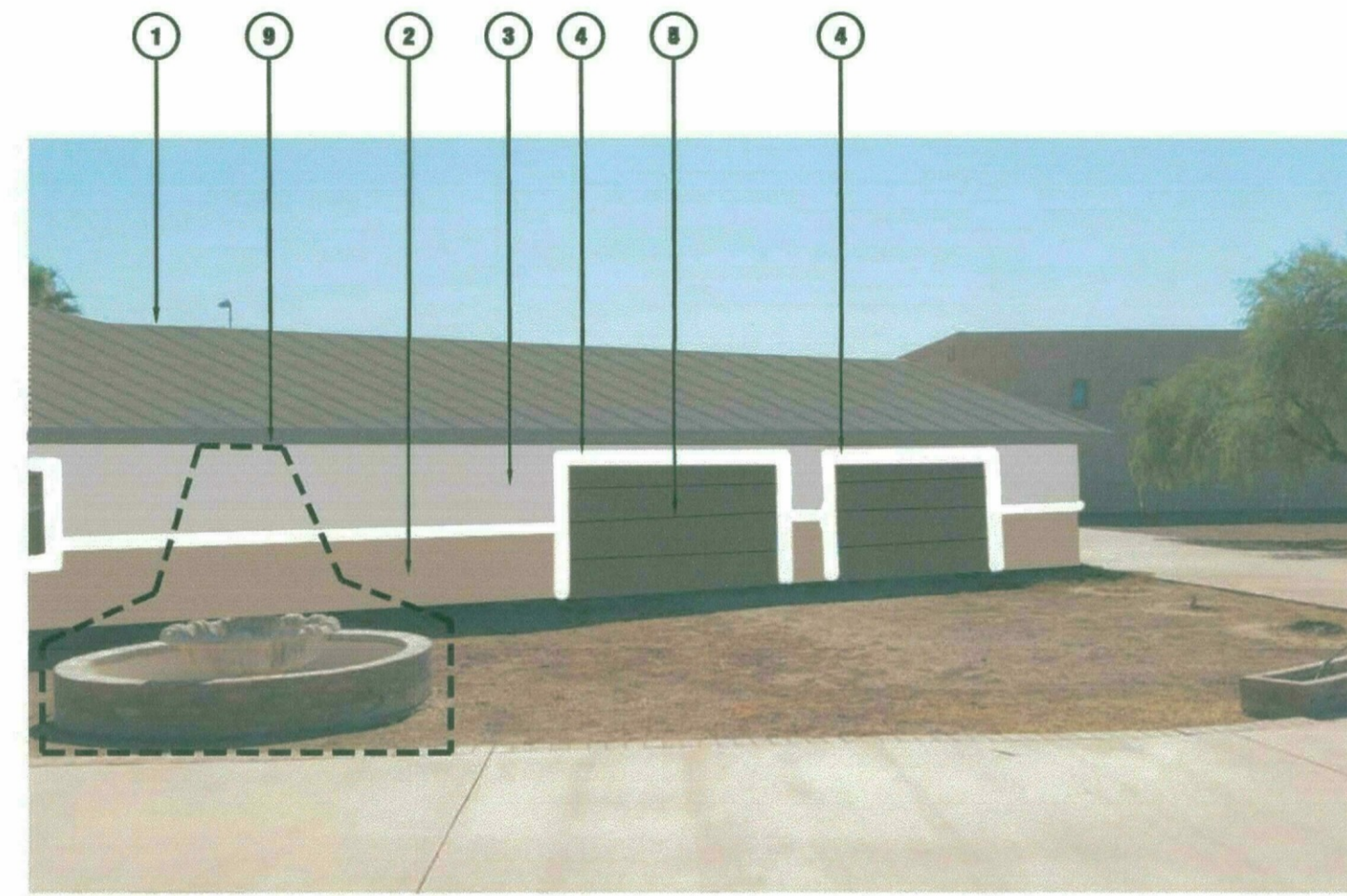
4 front elevation - north



3 front elevation - mid 2



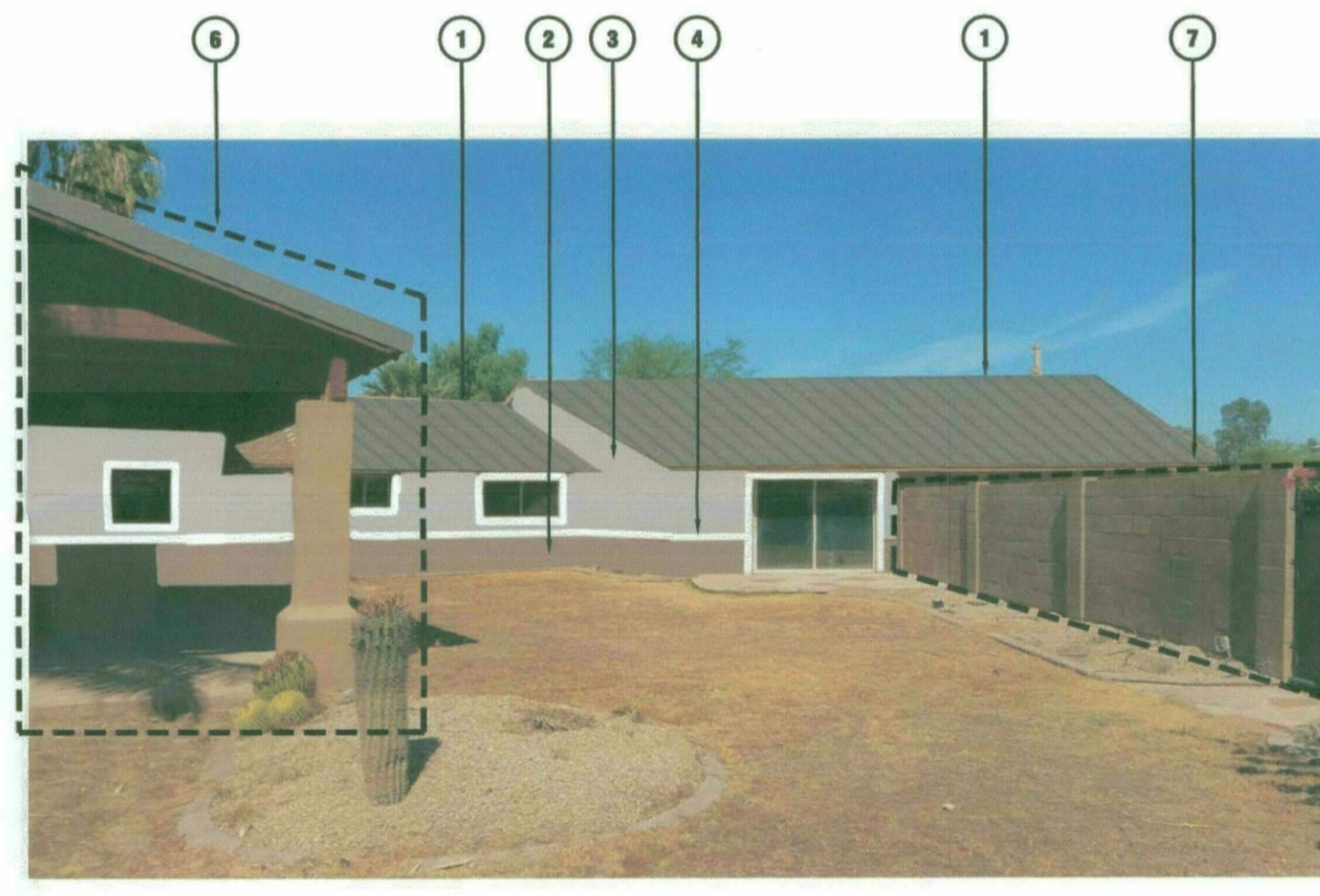
2 front elevation - mid 1



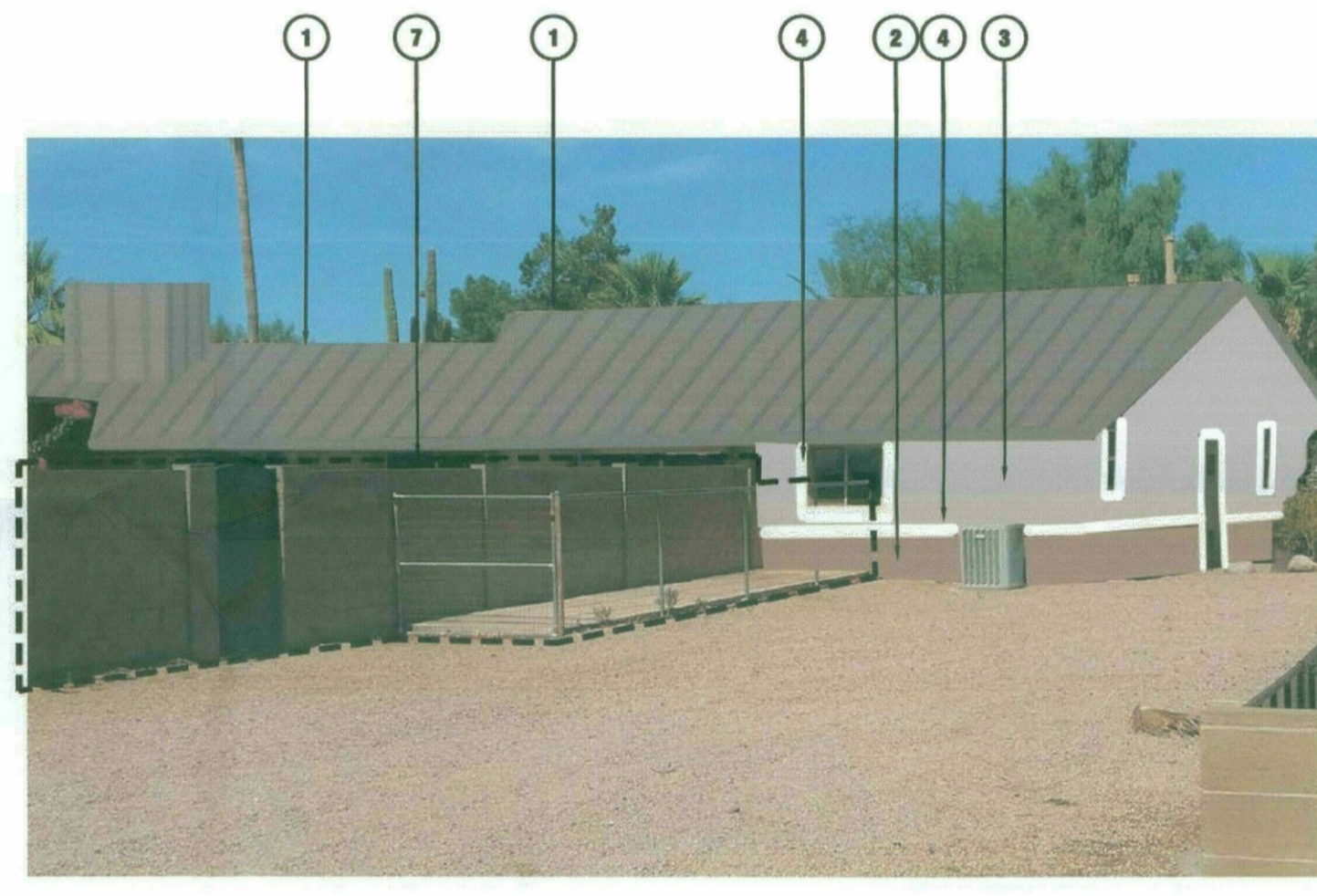
1 front elevation - south



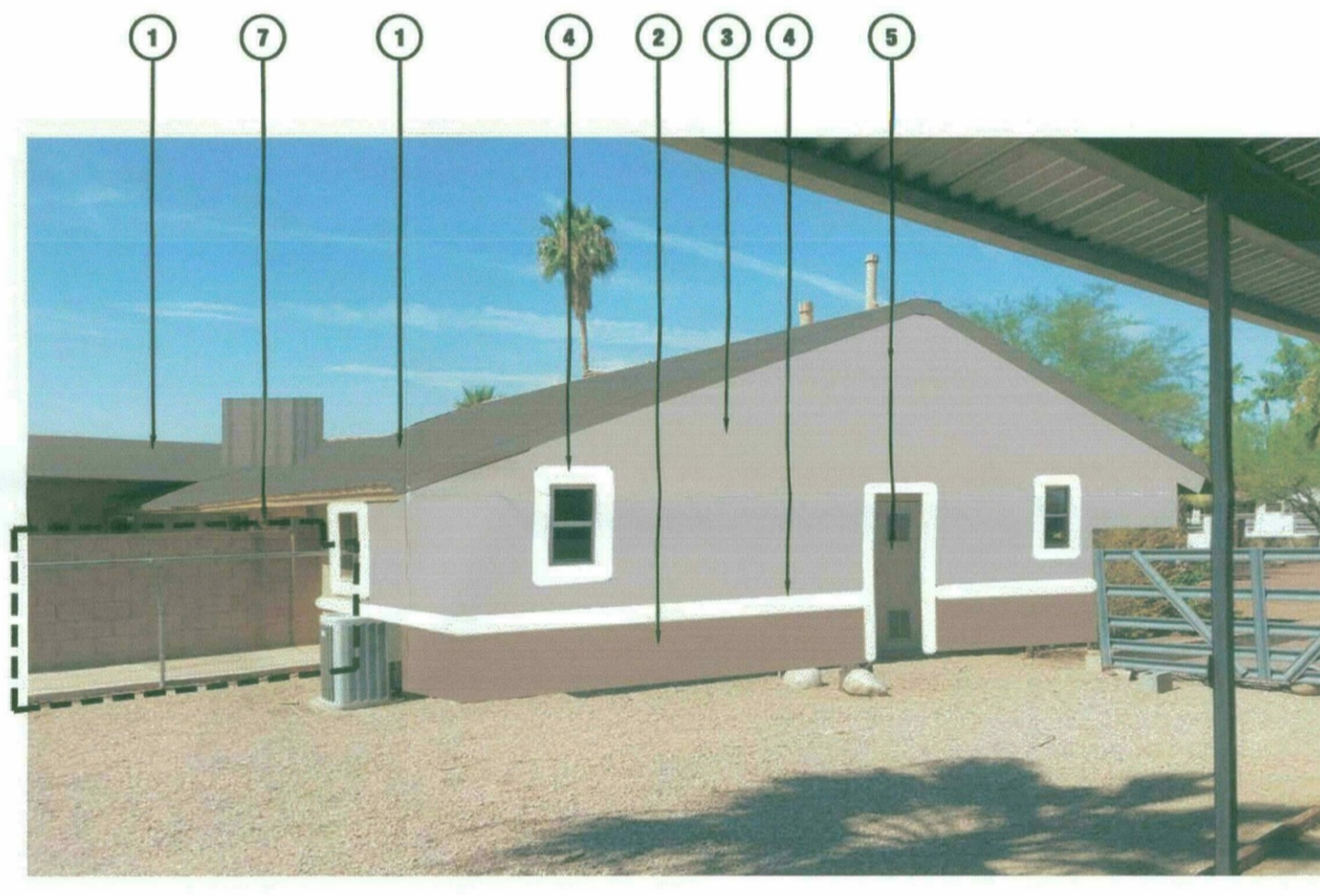
8 back elevation - mid 2



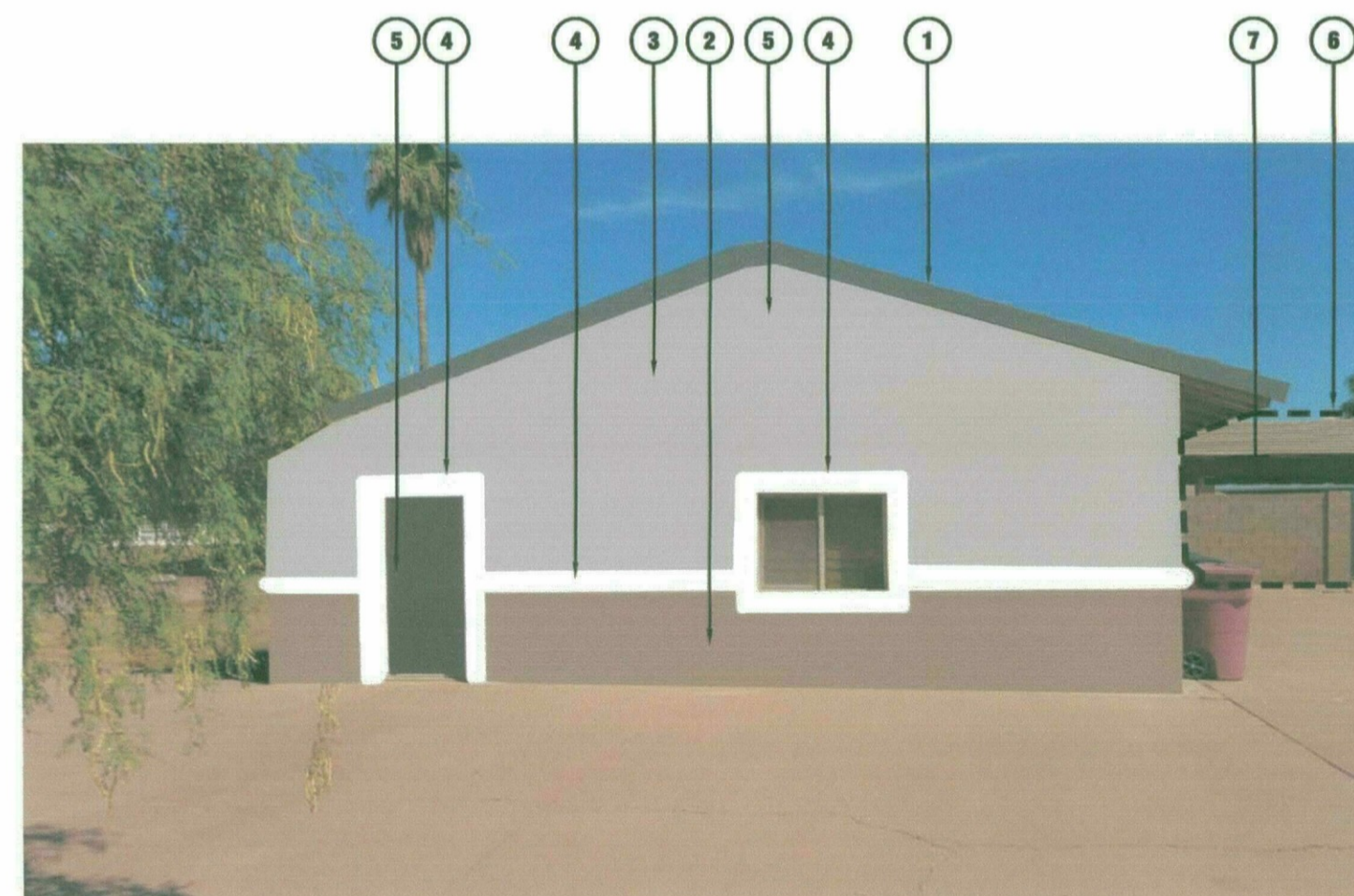
7 back elevation - mid 1



6 back elevation - north



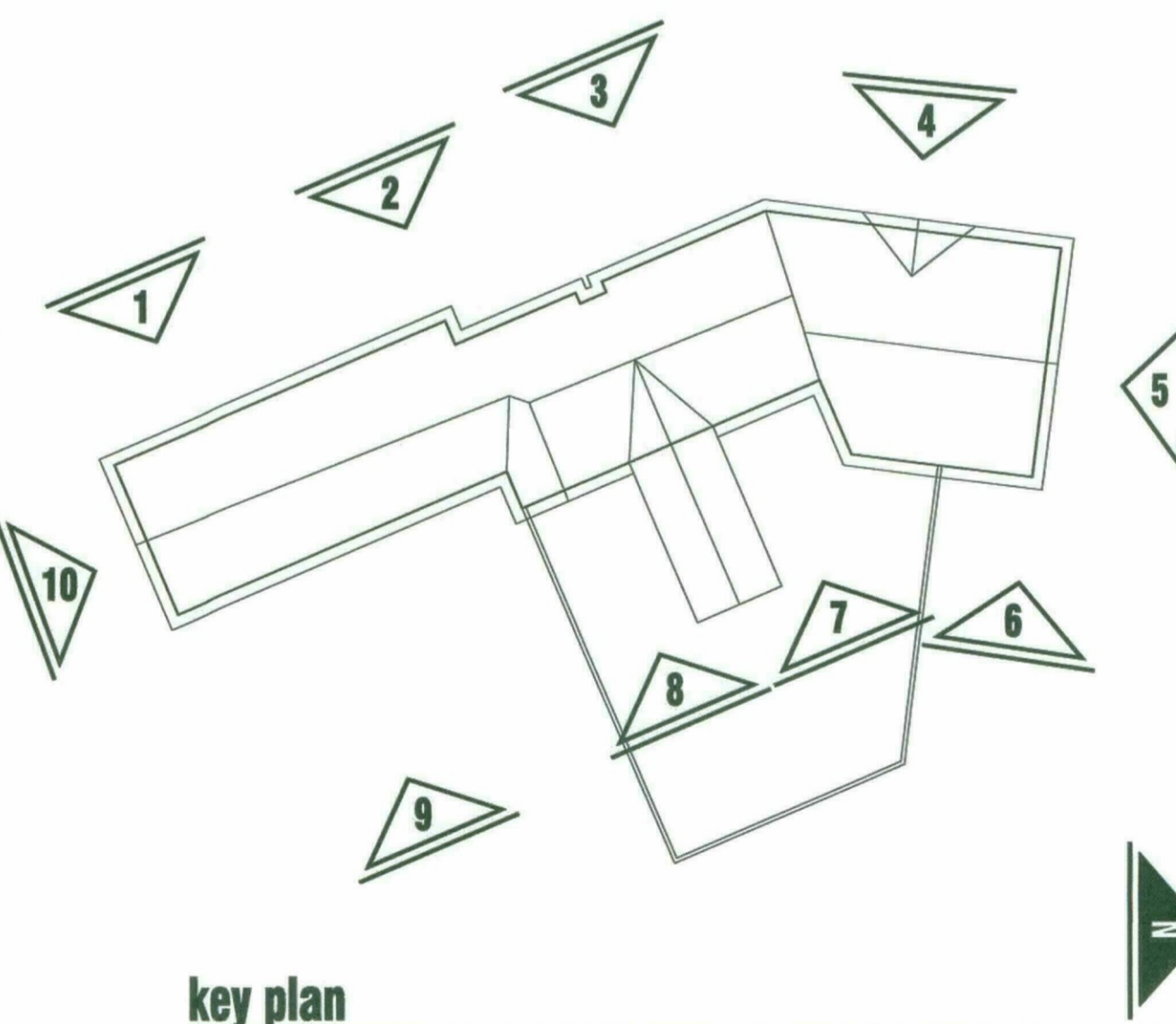
5 side elevation - north



10 side elevation - south



9 back elevation - south



key plan
n.t.s.

Keynotes

1. New standing seam metal roof on existing building - McElroy Metal Kynar 500 "Charcoal Gray"
2. Existing building wainscot painted - Dunn Edwards DE6060 "Buckskin" LRV 31
3. Existing building field painted - Dunn Edwards DE6379 "Silver Lake" LRV 67
4. Existing building trim painted - "White"
5. Existing building doors / windows / louvers painted - Dunn Edwards DE6384 "Iron Fixture" LRV 10
6. Existing covered patio to be demolished
7. Existing cmu wall / metal fence to be demolished
8. Existing pool to be demolished
9. Existing hardscape / hardscape feature to be demolished
10. New TS / WF steel trellis assembly painted - "White"
11. New cast in place concrete base - natural color
12. New TS steel column painted - "White"
13. New distressed wood accent - weathered gray
14. New steel accent - rusted



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13100

existing house elevations

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10.25.2015

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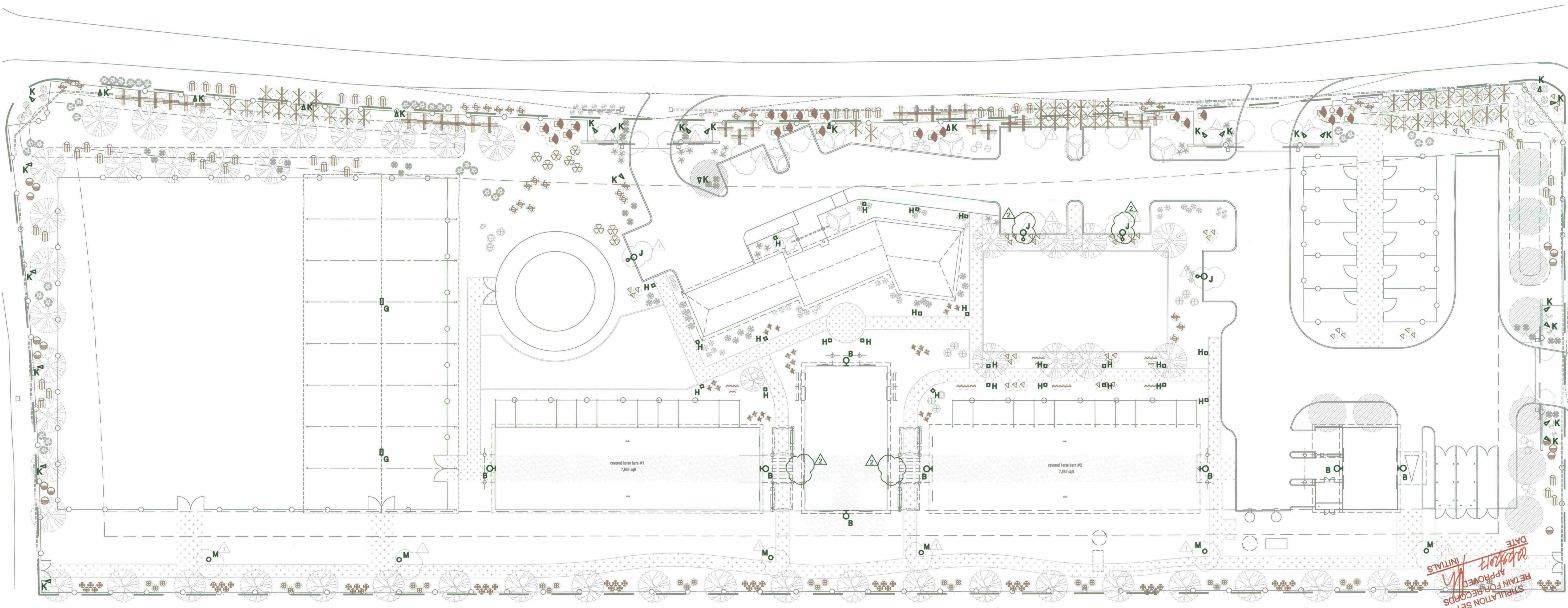


NOTE: A PROGRAMMABLE TIMER AND PHOTOCELLS SHALL CONTROL THE PRE- AND POST-CURFEW LIGHTS; PHOTOCELLS SHALL BE MOUNTED ON THE NORTH SIDE OF THE BUILDING. THE PROGRAMMABLE TIMER MAY CONTAIN A MAXIMUM 1-HOUR MANUAL OVER RIDE WITH AN AUTOMATIC TURN OFF FOR AFTER HOURS AND SPECIAL EVENT USE ONLY.

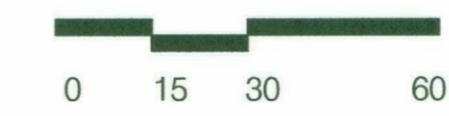
LIGHT FIXTURE SCHEDULE

MARK	DESCRIPTION	MFR.	CATALOG #	VOLT.	LAMPS		REMARKS
					#	TYPE	
B	PENDANT MTD LED	BEACON	TRV-D 24NB-55 3K T3 BMT	120	1	55W LED	12'-0" FIXTURE HEIGHT ABOVE FINISHED GRADE
G	LENSED LED SECURITY LIGHT	COLUMBIA	LXEW430HCP WEUDWH	120	-	LED	-
H	LED PATHWAY BALLARD LIGHT	BEGA	77263	120	-	2.1W LED	-
J	LED POLE LIGHT	HUBBELL	A5L-BL	120	-	-	-
K	LED LANDSCAPE LIGHT	BK	DS LED E22 MFL A9 BLW 12 A 360SL	120	-	-	AIM AWAY FROM PROPERTY LINE
M	IN GRADE PATH LIGHT	BEGA	77089	120	-	6.7W LED	-

* NOTE:
FLUORESCENT FIXTURES SHALL CONTAIN A BALLAST DISCONNECTING MEANS IN ACCORDANCE WITH N.E.C. ARTICLE 410.130(G).



site lighting plan
scale: 1" = 30'-0"

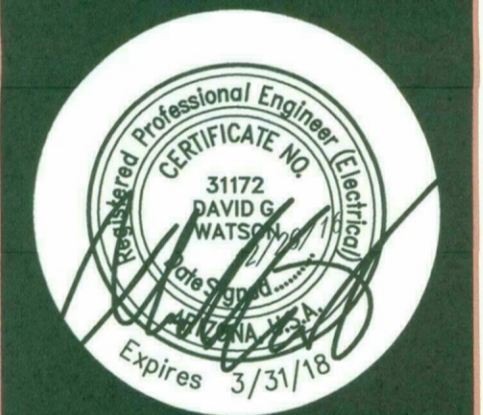


mw engineering, llc
Electrical Consulting Engineering Group

Job No. 15231
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2001 W Alameda Drive, Suite 102 Tempe, AZ 85282



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electrical site lighting plan
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10.25.2015

revisions

△ City Comments	12.17.15
△ City Comments	12.20.16



Site Lighting Plan Plat Log # 3978-16 / Use Permit # 4-UP-2013

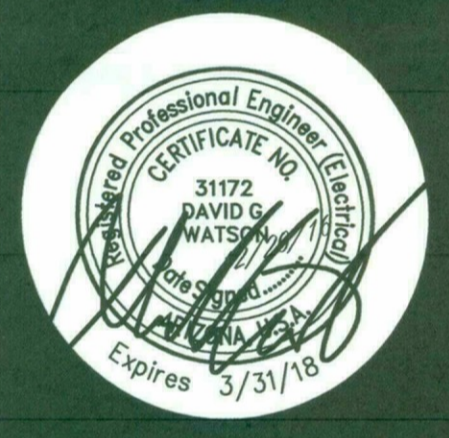
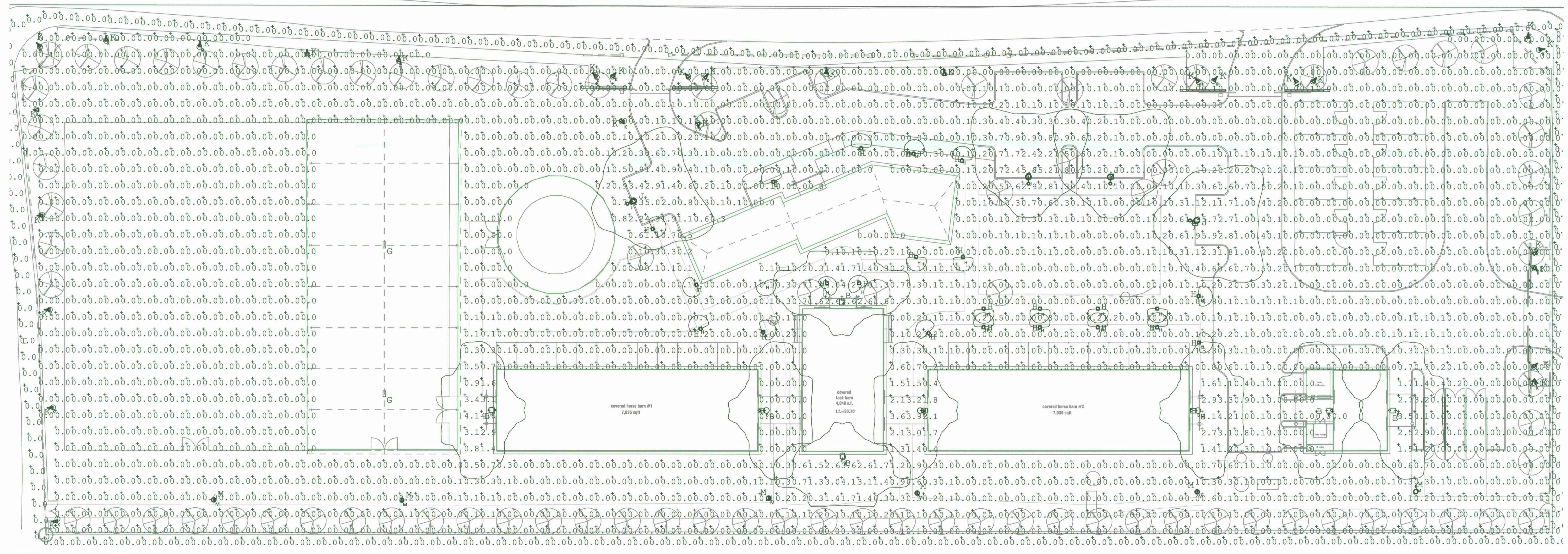


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Luminaire Schedule							
Label	[TEST]	Symbol	Description	MTG HEIGHT	MOUNTING	Lum. Watts	Qty
B	15.01518		TRV-24NB-55-3K-T3-BMT	12' MTG HT.	SINGLE	55.8	8
H			BEGA - 77263-120	3.5' MTG HT.	SINGLE	5	24
J	15.01007		HUBBELL - ASI-8L-4K-210-4	12' MTG HT.	SINGLE	61.5	4
K	ITL85922 12/20/2016		B-K LTG-DS-LED-E65-MFL-A9-BLW-12-A-360SL	GRD MT FLOOD	SINGLE	6.77	28
M			BEGA 77089-120	IN-GRADE	SINGLE	9	6

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
PERIMETER- 6' ABOVE GRADE	Illuminance	Fc	0.00	0.0	0.0	N.A.	N.A.
SITE-POST-CURFEW	Illuminance	Fc	0.17	5.9	0.0	N.A.	N.A.

LPD Area Summary			
Label	Area	Total Watts	LPD
LPDArea_1	328302	763.3903	0.002



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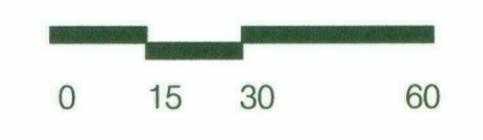
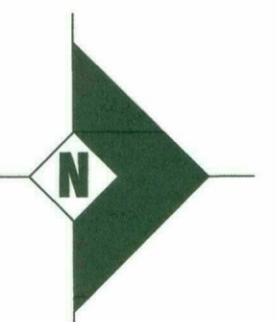
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13100
photometrics - post curfew
issue date
10.25.2015
revisions

City Comments	12.17.15
City Comments	12.20.16

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DATE
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photometrics 10pm to dawn
scale: 1" = 30'-0"



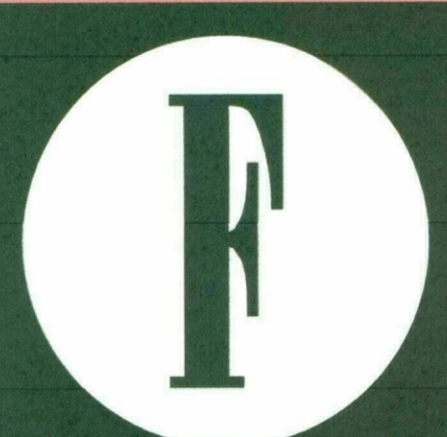
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Photometrics



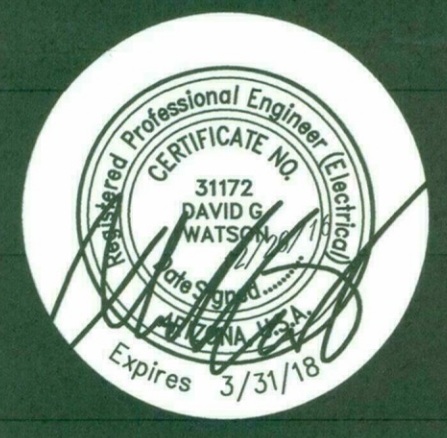
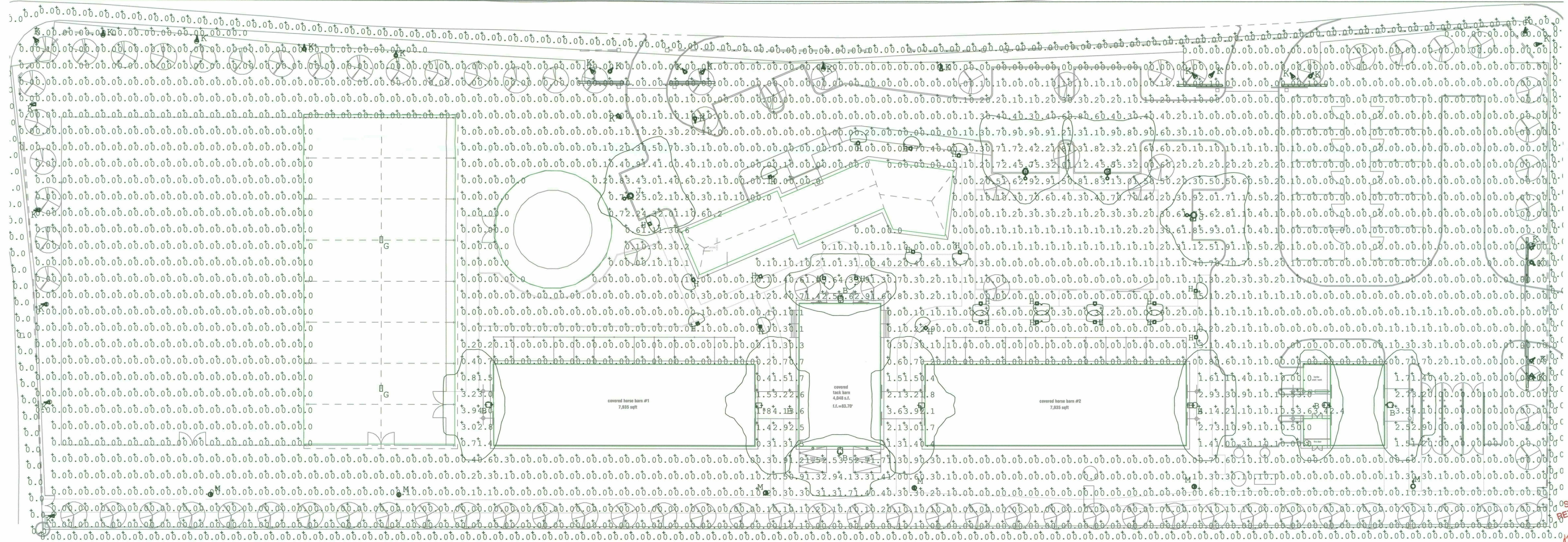
RANCHO PARAISO
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Luminaire Schedule						
Label	[TEST]	Symbol	Description	MTG HEIGHT	MOUNTING	Lum. Watts Qty
B	15.01518	+	TRV-24NB-55-3K-T3-BMT	12' MTG HT.	SINGLE	55.8 8
H		+	BEGA - 77263-120	3.5' MTG HT.	SINGLE	5 24
J	15.01007	+	HUBBELL - ASL-8L-4K-210-4	12' MTG HT.	SINGLE	61.5 4
K	ITL85922	⊙	B-K LTG-DS-LED-E65-MFL-A9-BLW-12-A-360SL	GRD MT FLOOD	SINGLE	6.77 28
M		⊙	BEGA 77089-120	IN-GRADE	SINGLE	9 6

NOTE: A PROGRAMMABLE TIMER AND PHOTOCELLS SHALL CONTROL THE PRE- AND POST-CURFEW LIGHTS; PHOTOCELLS SHALL BE MOUNTED ON THE NORTH SIDE OF THE BUILDING. THE PROGRAMMABLE TIMER MAY CONTAIN A MAXIMUM 1-HOUR MANUAL OVER RIDE WITH AN AUTOMATIC TURN OFF FOR AFTER HOURS AND SPECIAL EVENT USE ONLY.

Calculation Summary						
Label	CalcType	Units	Avg	Max	Min	Avg/Min Max/Min
PERIMETER	Illuminance	Fc	0.00	0.0	0.0	N.A. N.A.
SITE-PRECURFEW	Illuminance	Fc	0.21	5.9	0.0	N.A. N.A.

LPD Area Summary			
Label	Area	Total Watts	LPD
LPDArea_1	328302	1055.96	0.003



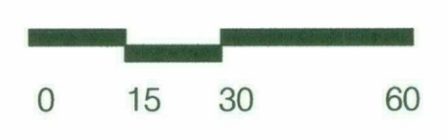
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602.277.1625

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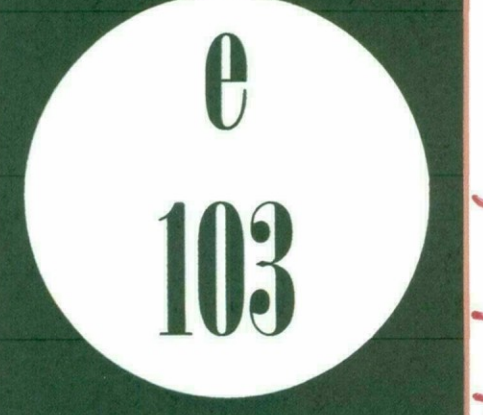
13100	
photometrics - pre curfew	
issue date	
10.25.2015	
revisions	
City Comments	12.17.15
City Comments	12.20.16

REGULATION SET
RETAIN FOR RECORDS
APPROVED
DATE
INITIALS

photometrics dusk to 10pm
scale: 1" = 30'-0"




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Photometrics

TRAVERSE SERIES

SURFACE/CEILING/GARAGE

Cat.#		
Job	Type	
	TYPE B	Approvals

Intended Use:
The Traverse luminaire is a wall surface mounted luminaire with a field replaceable LED light engine and optical bezel system. Internal components are totally enclosed in rain-tight and corrosion-resistant die cast aluminum housing. The TRV Luminaire is suitable for wet locations.

Construction:
• Traverse luminaire consists of a die cast aluminum two-piece housing.
• Die cast main (thermal) housing provides direct heat exchange between the LED light engine and the cool outdoor air by drawing heat through integral heat channels and out to the sculptured and functional luminaire surface.
• LED drivers are thermally isolated from the main housing, mechanically attached and heat sunk to the rear housing.
• Main housing is designed with heat dissipating fins for LED thermal management without the use of metallic screens, cages, or fans.
• Shape of the main housing is designed to prevent debris accumulation and as a bird nesting deterrent. The back and main housings are designed to hinge open for easy mounting and easy access.

LED/Optics:
• Optical one piece cartridge system consisting of an LED engine, LED lamps, optics, gasket and stainless steel bezel.
• Cartridge is held together with internal brass standoffs soldered to the board so that it can be field replaced as a one piece optical system.
• A two-piece die cut silicone and polycarbonate foam gasket ensures a weather-proof seal around each individual LED and allows the Traverse luminaire to be rated for high-pressure hose down applications.
• Optical cartridge is secured to the extruded housing with fasteners and a heat pad to ensure thermal conductivity.
• Optics are held in place without the use of adhesives and the complete assembly is gasketed for high pressure hose down cleaning.
• Cartridge assembly is available in various lighting distributions using TIR designed acrylic optical lenses over each LED.

Electrical:
• 100V through 277V, 50 Hz to 60 Hz (UNV).
• Power factor is min 0.92 at full load.
• All electrical components are rated at 50,000 hours at full load and 40°C ambient conditions per MIL-217F Notice 2.
• Optional 0 to 10 volt dimming drivers are available upon request.
• Component-to-component wiring within the luminaire may carry no more than 80% of rated load and is listed by UL for use at 600VAC at 50°C or higher.
• Plug disconnects are listed by UL for use at 600 VAC, 15A or higher. 15A rating applies to primary (AC) side only.

• Surge protection - 20KA; Shuts off at end of life.

Controls/Options:
• Traverse is available with an optional passive infrared (PIR) motion sensor capable of detecting motion 360° around the luminaire. When no motion is detected for the specified time, the Motion Response system reduces the wattage down to a factory preset level, reducing light level accordingly. When motion is detected, the luminaire returns to full wattage and full light output. Please contact Beacon Products if project requirements vary from the standard configurations.
• Available with Energi for optional set dimming with simple delay, or timed dimming based on hours of operation or time of night (see Energi product page for more details www.beaconproducts.com/products/energi).
• Also available with Beasconnect Wireless Control System (see Beasconnect product page for more details www.beaconproducts.com/products/beasconnect).

Installation:
• Rear housing (back plate) is designed with various bolt patterns for direct wall mounting or mounting to a recessed 4" junction box.
• Rear housing has three integral 3/4" NPT power feed locations (bottom and each side) for surface mounted conduit applications.
• After mounting the rear housing to the wall or junction box, the main housing is designed to hang and hinge closed after connecting the male and female quick connectors.
• Mounting design permits a simple retrofit to existing wall luminaires that utilize surface mount or recessed junction boxes.

Finish:
• Beacote V polyester powder-coat electrostatically applied and thermocured.
• Beacote V finish consists of a five stage iron phosphate chemical pretreatment regimen with a polymer primer sealer, oven dry off, and top coated with a thermoset super TGIC polyester powder coat finish.
• The finish meets the AAMA 605.2 performance specification which includes passing a 3000 hour salt spray test for corrosion resistance and resists cracking or loss of adhesion per ASTM D522 and resists surface impacts of up to 160 inch-pounds.

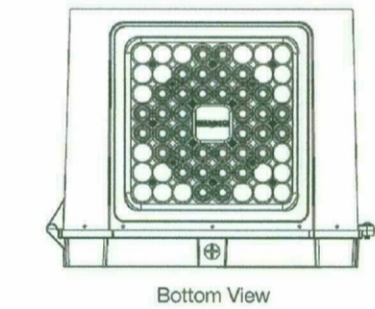
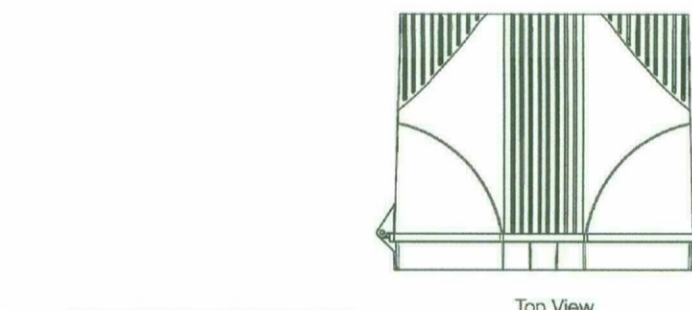
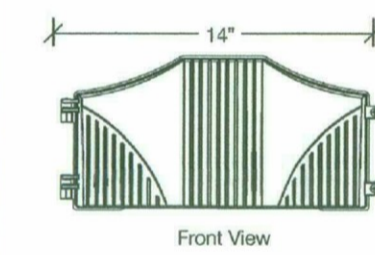
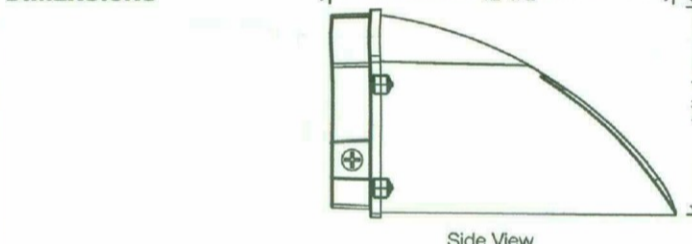
Listings:
The luminaire shall bear a CSA label and be marked suitable for wet locations (standard).

Warranty:
Five year limited warranty (for more information visit: <http://www.hubbellighting.com/resources/warranty>).

PRODUCT IMAGE(S)



DIMENSIONS



CERTIFICATIONS/LISTINGS



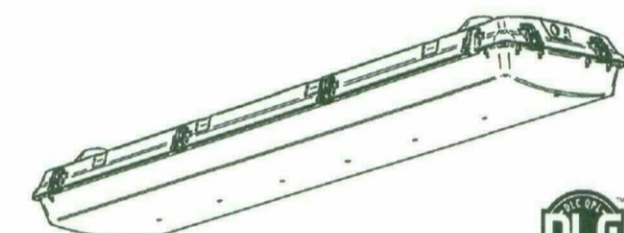
*3000K and warmer CCTs only



Beacon Products • 2041 58th Avenue Circle East Bradenton, FL 34203 • Phone: 800-345-4928
Due to our continued efforts to improve our products, product specifications are subject to change without notice.
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Columbia LIGHTING



FEATURES

- High efficacy LED in choice of lumen packages and colors
- Long-life, 60,000 hour LEDs at L80 (projected over 100,000 hours) for reduced life cycle maintenance costs
- Available in narrow or wide distribution
- IP65, IP66, and IP67 rated
- 1500 PSI High Pressure Hose down rating
- Fiberglass housing with F1 weatherability rating, standard
- Gasket is non-porous to ensure seal
- Impact modified acrylic lenses
- Lens selections includes clear, frosted, or clear polycarbonate
- Lens firmly secured with tamper resistance ready latches
- Lens is tethered and gear tray hinges for ease of maintenance
- Stainless steel latching and mounting straps optional
- Removable gear tray electrical access
- V-Hook mounting brackets included standard
- Elevated ambient rating with HT optional
- Thermal table below provides details elevated ambient offerings
- Available with exclusive w/HUBB technology preinstalled
- DesignLights Consortium™ (DLC) qualified
- Five Year Warranty

PROJECT INFORMATION

NAJAFI RANCH
Project Name
LXEW430HCPWEUDWH
Catalog No.

LXEW

Enclosed and Gasketed High Bay / LED

CONSTRUCTION

Fiberglass reinforced housing and tough injection molded lens. Hinged driver tray for easy maintenance. Industrial fixture design allows for easy cleaning reduces dirt and water accumulation. 12 captive polycast (POM) latches and four fixed installation points secures the fixture during transit and allows for fast installation.

REFLECTOR

Specular reflector provides precise control and excellent efficiency for narrow distribution. Wide distribution uses high gloss white gear tray; select the PAF option for added efficiency.

ELECTRICAL

Long-life LEDs are rated for 60,000 hours at L80 lumen maintenance. Driver options include fixed output for on/off function, step dimming (high/low/off) or continuous 0-10V dimming. QR code label affixed to housing for easy traceability.

FINISH

Housing has chemical resistant finish. Internal steel surfaces are painted with high gloss baked white enamel, applied over iron phosphate pre-treatment for maximum adhesion and rust resistance. Stainless steel parts have fine brushed mill finish.

MOUNTING

Fixture is intended to be surface or suspended mounted. Surface mounting requires use of the proper accessories listed below. To suspend the fixture use aircraft cable or chain (See Accessories). V-Hook mounting brackets included standard.

CERTIFICATION

All luminaires are built to UL 1598 and 2108 wet location standards and have IP65/IP66/IP67 hose down ratings, and bear appropriate CSA labels. Housing and lens are made with SVA (T) fire rated materials. All LXEW fixtures are NSF rated for Splash Zones. See table on page 2 for elevated ambient ratings. DesignLights Consortium™ (DLC) qualified. Please refer to the DLC website for specific product qualifications at www.designlights.org.

NEMA 4X

EXAMPLE LXEW4-40VL-W-EDU

ORDERING INFORMATION

LXEW	4	SIZE	COLOR TEMP	LENS	DISTRIBUTION	VOLTAGE	OPTIONS
		4 ft	30 3000K 35 3500K 40 4000K 50 5000K	FA Frost Impact Resistant Acrylic (Std) CA Clear Impact Resistant Acrylic CP Clear UV Stabilized Polycarbonate	N Narrow Distribution W Wide Distribution	U 120V-277V E Fixed Output ED 0-10V Dimming	GLR Fast Blow Fuse SSL Stainless Steel Tamper Resistant Ready Latches TP Tamper Proof Latches EL14 Emergency Battery Pack Installed, 1400 Lumens ¹ F3CBW 3 Wire 8' Wet Cord F3C15W 3 Wire 15' Wet Cord SWH Single Wet Hub ½" NPT Hub DWH Dual Wet Hub ½" NPT Hub WTH w/HUBB Enabled HT Elevated Ambient ² PAF Paint After Fabrication
MODEL	LXEW	ACCESSORIES (ORDER SEPARATELY)	LUMEN OUTPUT				
		LHVQMS Aircraft Cable, 5' (Pair) LHVQMT0 Aircraft Cable, 10' (Pair) XEWMISS Mounting Strap Hardware Kit, Stainless Steel, includes 4 XEWRSBZH Rigid Surface Mounting Bracket Kit, Zinc Plated, includes 2 XEWRSBS5 Rigid Surface Mounting Bracket Kit, Stainless Steel, includes 2 XEWFSBS5 Surface Mounting Bracket Kit, Stainless Steel, includes 2	L Low Watt M Medium Lumen H High Lumens ³ V Very High Lumens ³				

¹ Not available with HT option.
² HT option temperature ranges will vary with lumen packages. Please consult specification page for full detailed offering.
³ N/A in 3000K.

Page 1/3 Rev. 09/23/15

EXTREME ENVIRONMENT / LXEW

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701 Millennium Blvd, Greenville, SC 29607 / Tel 864.678.1000 / Website www.columbiainighting.com



48.15 - Technical amendments reserved

TYPES H

Product data sheet	Garden and pathway luminaire	IP 65	10	BEGA	77 263
Project - Reference number				Date	

Application

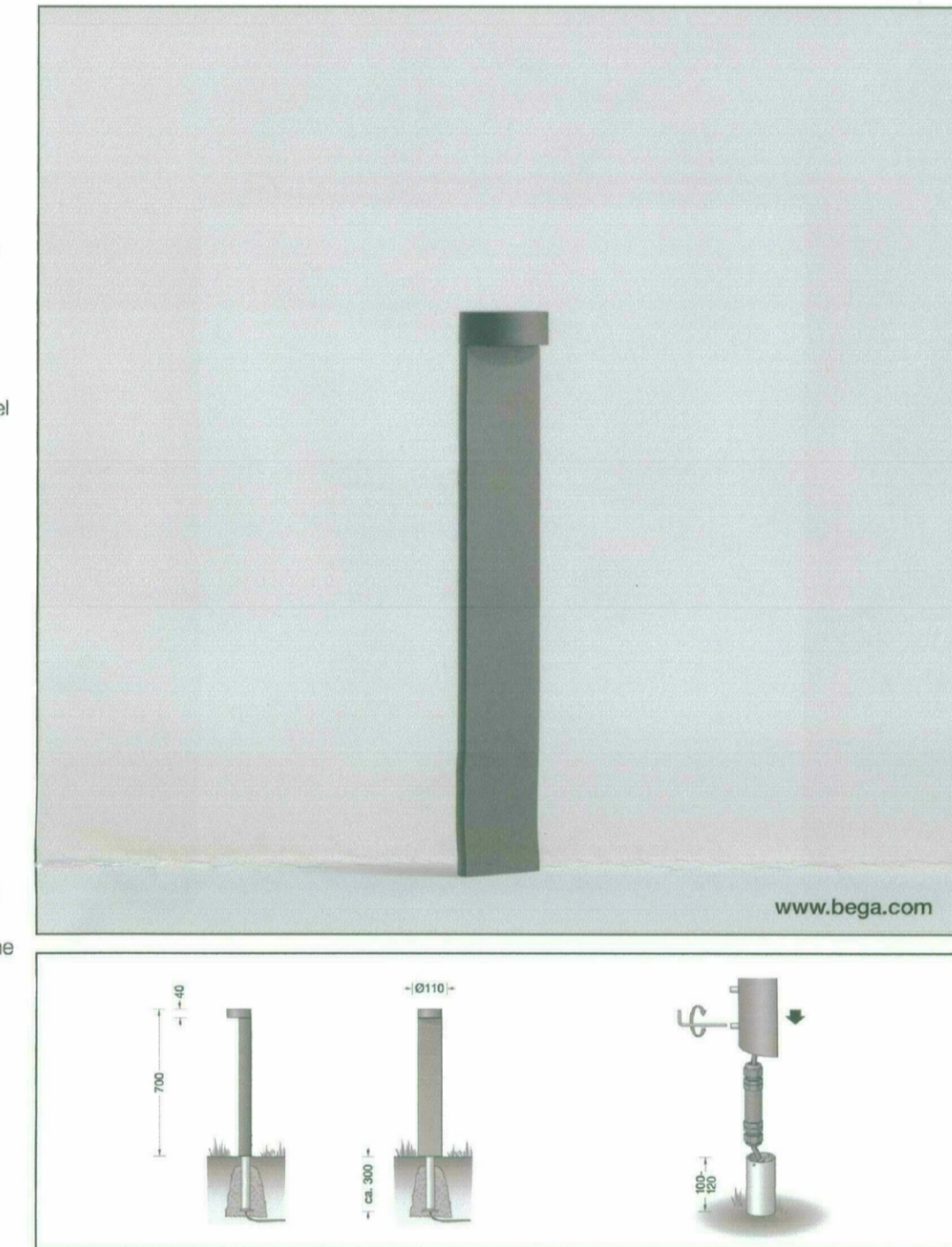
LED garden luminaire with shielded, flat beam light directed downwards for effective illumination in private gardens. The used LED technique offers durability and optimal light output with low power consumption at the same time.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
Safety glass with optical structure
Silicone gasket
Luminaire with anchorage unit for fixing in the soil
The anchorage unit is made of galvanised steel according to EN ISO 1461
Line connector for mains supply cable up to ø 13 mm - max. 3 x 2,5²
LED power supply unit
220-240 V ~ 50/60 Hz
DC 176-264 V
Safety class I
Protection class IP 65
Dust tight and protection against water jets
Impact strength IK05
Protection against mechanical impacts < 0,7 joule
CE - Safety mark
CE - Conformity mark
Weight: 2.8 kg

Light technique

Luminaire data for the light planning program DIALux for outdoor lighting, street lighting and indoor lighting as well as Luminaire data in EULUMDAT- and IES-format you will find on the BEGA web page www.bega.com. Recommended light point interval 5 m

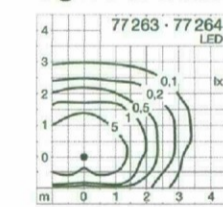


Lamp	Module connected wattage	3.6 W
	Luminaire connected wattage	5 W
	Rated temperature	t _a = 25 °C
	Service life criteria	50,000 h/L ₈₀
Module designation	LED-0234/830	
Colour temperature	3000 K	
Colour rendering index	R _a > 80	
Module luminous flux	270 lm	
Luminaire luminous flux	130 lm	
Luminaire luminous efficiency	27.8 lm/W	

Article No. 77 263
Colour graphite, white or silver
white - article number + W
silver - article number + A

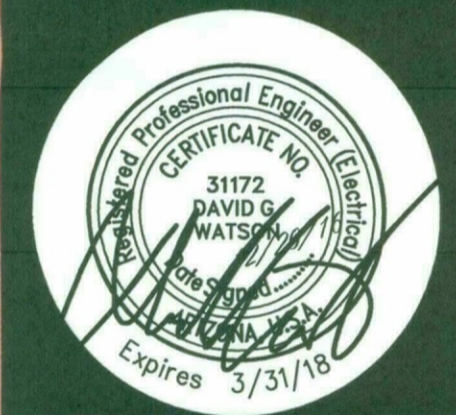
Accessories
70 T30 Distribution box
The distribution box is meant for installation in the soil and allows a junction from the supply cable to the luminaire and through-wiring to the next luminaire.
After the electrical connection the distribution box is filled up with gel and closed.

Light distribution



RANCHO PARAISO

12011 North 68th Place, Scottsdale Arizona



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13100

light fixture cut-sheets

issue date

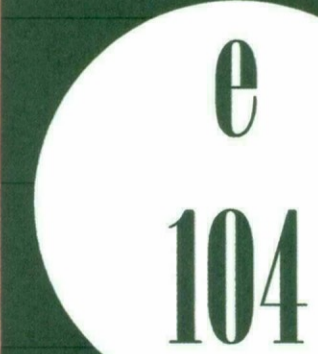
10.25.2015

revisions

1	City Comments	12.17.15
2	City Comments	12.20.16

STIPULATION SET
RETAIN FOR RECORDS
APPROVED
DATE 12/23/17 INITIALS

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AIRO™
LED SERIES
AREA/SITE/ROAD LIGHTER

Cat.# _____
Job _____ Type _____
HUBBELL Outdoor Lighting
Approvals _____
TYPES J

SPECIFICATIONS

- Construction:**
- Stylish vertically finned die-cast and extruded aluminum for maximum heat dissipation
 - Separate optical and electrical compartment for improved thermal management and optimum component operation
- EPK:** 8L - .50K²
16L - .62 K²
24L - .74 K²
- Optics:**
- Premium engineered individual acrylic lenses deliver IES Type II, III, IV and V distributions
 - Lens distributions are field rotatable (in 90° increments) or exchangeable for job site fine-tuning
 - 3000K, 4000K, or 5000K (70 CRI) CCT
 - Zero uplight
- Electrical:**
- Configured with 8, 16, or 24 high current and high output LEDs to replace 150, 250 and 400w HID respectively
 - Universal 120-277 VAC or 347-480 VAC input voltage, 50/60 Hz
 - Ambient operating temperature -40° C to 40° C
 - Drivers have greater than 90% power factor and less than 20% THD
 - LED drivers have output power over-voltage, over-current protection and short circuit protection with auto recovery
 - Field replaceable surge protection device provides 10KA and 10KV protection meeting ANSI/IEEE C62.41.2 Category C High and Surge Location Category CS; Automatically takes fixture off-line for protection when device is consumed
- Controls:**
- Photo control, occupancy sensor and wireless available for complete on/off and dimming control

CERTIFICATIONS/LISTINGS



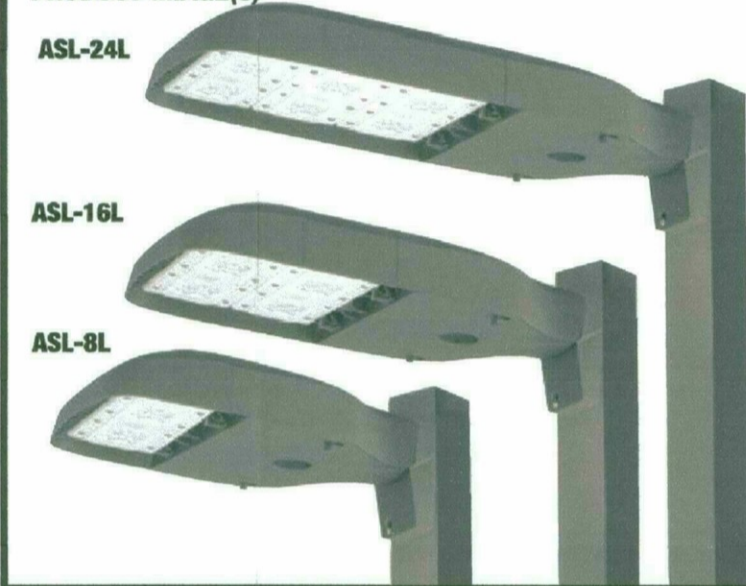
ORDERING INFORMATION - STOCK CONFIGURATIONS

Catalog Number	Description	Mtg.	Distribution	Wattage	# Drivers	Drive Current	Voltage	CCT	Lumens	LPW	Weight lbs. (kg)
ASL-16L-3	Medium size 16 LED configuration, Dark Bronze	Arm	Type III	123	1	@2100mA	120V-277V	4000K	11,153	91	18 (8.16)
ASL-16L-4	Medium size 16 LED configuration, Dark Bronze	Arm	Type IV	123	1	@2100mA	120V-277V	4000K	11,417	93	18 (8.16)
ASL-24L-3	Large size 24 LED configuration, Dark Bronze	Arm	Type III	181	1	@2100mA	120V-277V	4000K	16,364	91	20 (9.07)
ASL-24L-4	Large size 24 LED configuration, Dark Bronze	Arm	Type IV	181	1	@2100mA	120V-277V	4000K	16,752	93	20 (9.07)
ASL-24L-3-HO	Large size 24 LED configuration, Dark Bronze	Arm	Type III	225	1	@700mA	120V-277V	4000K	20,927	93	20 (9.07)
ASL-24L-4-HO	Large size 24 LED configuration, Dark Bronze	Arm	Type IV	225	1	@700mA	120V-277V	4000K	21,073	93	20 (9.07)

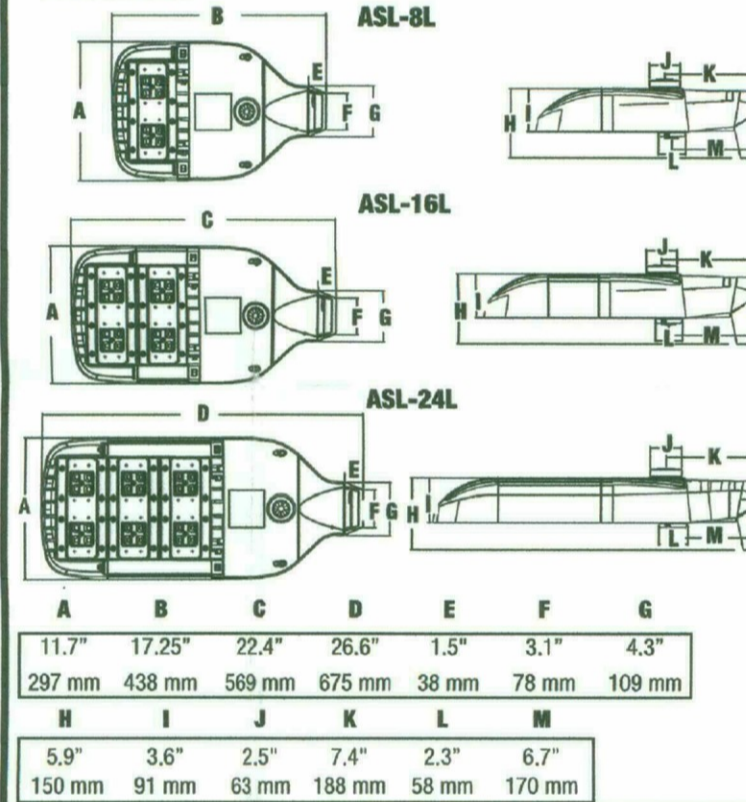
CONFIGURABLE ORDERING INFORMATION NEXT PAGE

HUBBELL Outdoor Lighting • 701 Millennium Boulevard • Greenville, SC 29607 • Phone: 864-678-1000
Due to our continued efforts to improve our products, product specifications are subject to change without notice.
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PRODUCT IMAGE(S)



DIMENSIONS



SHIPPING INFORMATION

Catalog Number	G.Wt(kg)/G.TN	Length (cm)	Width (cm)	Height (cm)
ASL-8L	15 (6.8)	20.75 (82.7)	15.125 (38.4)	6.9375 (17.6)
ASL-16L	19 (8.6)	25 (63.5)	15.125 (38.4)	6.9375 (17.6)
ASL-24L	24 (10.8)	25 (63.5)	15.125 (38.4)	6.9375 (17.6)

TYPE K

DELTA STAR™



PROJECT: Najafi Ranch
TYPE: K
CATALOG NUMBER: SDSLEde22MFLA7BZW12A360SL
SOURCE: LED
NOTES:

CATALOG NUMBER LOGIC

Example: DS - LED - e22 - SP - A7 - BZW - 12 - 11 - A - 360SL

Material: Blank - Aluminum, B - Brass, S - Stainless Steel

Series: DS - Delta Star™

Source: LED - "e" Technology with Integral Dimming Driver (25W min. load when dimmed) *Requires magnetic Low Voltage Dimmer

LED Type: e36 - 8WLED/2.7K, e22 - 8WLED/3K, e23 - 8WLED/4K, e27 - 8WLED/Amber

Optics: NSP - Narrow Spot (Red Indicator), SP - Spot (Green Indicator), MFL - Medium Flood (Yellow Indicator), WFL - Wide Flood (Blue Indicator)

Adjust-e-Lume® Output Intensity** (Choose factory setting): A9 (Standard), A8, A7, A6, A5, A4, A3, A2, A1

Finish:

Aluminum Finish		Brass Finish		Premium Finish	
Powder Coat Color	Finish	Machined	MAC	ABP	CMG
Bronze	BZP	Polished	POL	AMG	CRI
Black	BLP	Mitique™	MIT	AQW	CRM
White (Gloss)	WHP	Stainless Finish		BCM	HUG
		Machined	MAC	BGE	MDS
		Polished	POL	BPP	NBP
		Brushed	BRU	CAP	OCF
					Old Copper
					Cascade Mountain Granite
					Rocky Mountain Granite
					Sonoran Desert Sandstone
					Sierra Mountain Granite
					Textured Forest
					Mojave Desert Sandstone
					Weathered Copper
					Weathered Iron

Lens Type: 12 - Soft Focus Lens, 13 - Rectilinear Lens

Shielding: 11 - Honeycomb Baffle

Cap Style: A - 45°, B - 90°, D - 45° less Weep Hole (Interior Use Only), E - 90° less Weep Hole (Interior Use Only)

Option: 360SL - 360SL™ Rotational Knuckle Mounting System

DRIVER DATA

Input Volts	InRush Current	Dimmable	Operation Ambient Temperature
12VAC/DC 50/60Hz	<1A (non-dimmed)	Magnetic Low Voltage Dimmer	-10°F-130°F

LM79 DATA

BK No.	CCT (Typ.)	Input Watts (Typ.)	CRI (Typ.)	Minimum Rated Life (hrs.) 70% of Initial Lumens (L70)
e36	2700K	8.4	90	50,000
e22	3100K	8.4	90	50,000
e23	4100K	8.4	75	50,000
e27	Amber (590nm)	7.9	-	50,000

***OPTICAL DATA**

Beam Type	Angle	Visual Indicator
Narrow Spot	14°	Red Dot
Spot	18°	Green Dot
Medium Flood	25°	Yellow Dot
Wide Flood	36°	Blue Dot

B-K LIGHTING 40429 Brickyard Drive • Madera, CA 93636 • USA
509-438-5800 • FAX 509-438-5900
www.bklighting.com • info@bklighting.com

SUBMITTAL DATE: 1-8-14
DRAWING NUMBER: SUB000930

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TYPE M

NOTE: 77-089 - SEE SPECIFICATIONS

Catalog No.: 77_089
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SCALE: NONE - DO NOT SCALE DRAWING

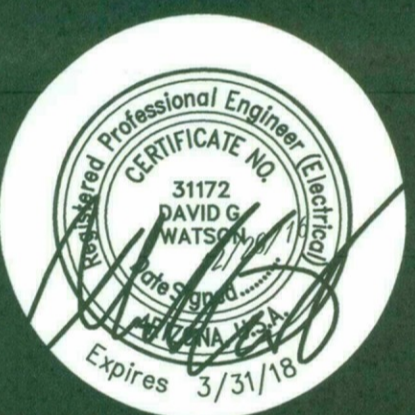
BEGA
1000 Bege Way
Carrollville, Ca. 93013
(805) 684-0533

STIPULATION SET
RETAIN FOR RECORDS
APPROVED
DATE: 12/29/16
INITIALS: [Signature]

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13100
light fixture cut-sheets
issue date
10.25.2015
revisions

City Comments	12.17.15
City Comments	12.20.16

