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P:\469002 Jacobs_VM Gilbert Rd Lt Rail Ext\16. CAD\Dwg\Arch\DRB (9-13-2016)\Buildings\GRE-AG-DRB-51.dwg
DH2 Sep 08, 2016 - 6:20pm ByColor

Call at least two full working days before you begin excavation.

ARIZONA811
Arizona Blue Stake, Inc.
Dial 8-1-1 or 1-800-STAKE-IT (782-5348)
in Maricopa County: (602) 263-1100

NOTE: THIS PROJECT MUST CONFORM TO FTA'S BUY AMERICA REQUIREMENTS.

1 TPSS FLOOR PLAN
1/4" = 1'-0"

PRELIMINARY
NOT FOR
CONSTRUCTION



464 South Farmer Avenue, Suite 101, Tempe, AZ 85281
www.wendelcompanies.com p.877.293.6335
Wendel WD Architecture, Engineering, Surveying and Landscape Architecture P.C.



101 N. 1st AVENUE, #2600, PHOENIX, AZ 85003
T 602.253.1200, F 602.253.1202
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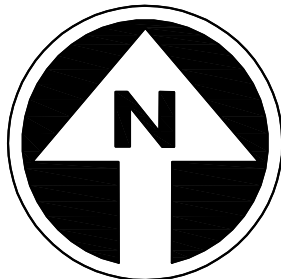


DESIGNED BY:	J. HILL
DRAWN BY:	D. HOPKINS
CHECKED BY:	-
APPROVED BY:	-
SCALE:	AS NOTED
SUBMITTAL DATE:	13 SEP 16

GILBERT ROAD LRT EXTENSION
VALLEY METRO CONTRACT NO. 14011-GRDS CITY OF MESA PROJECT NO. CP0296

STAPLEY DRIVE TRACTION POWER
SUBSTATION FLOOR PLAN

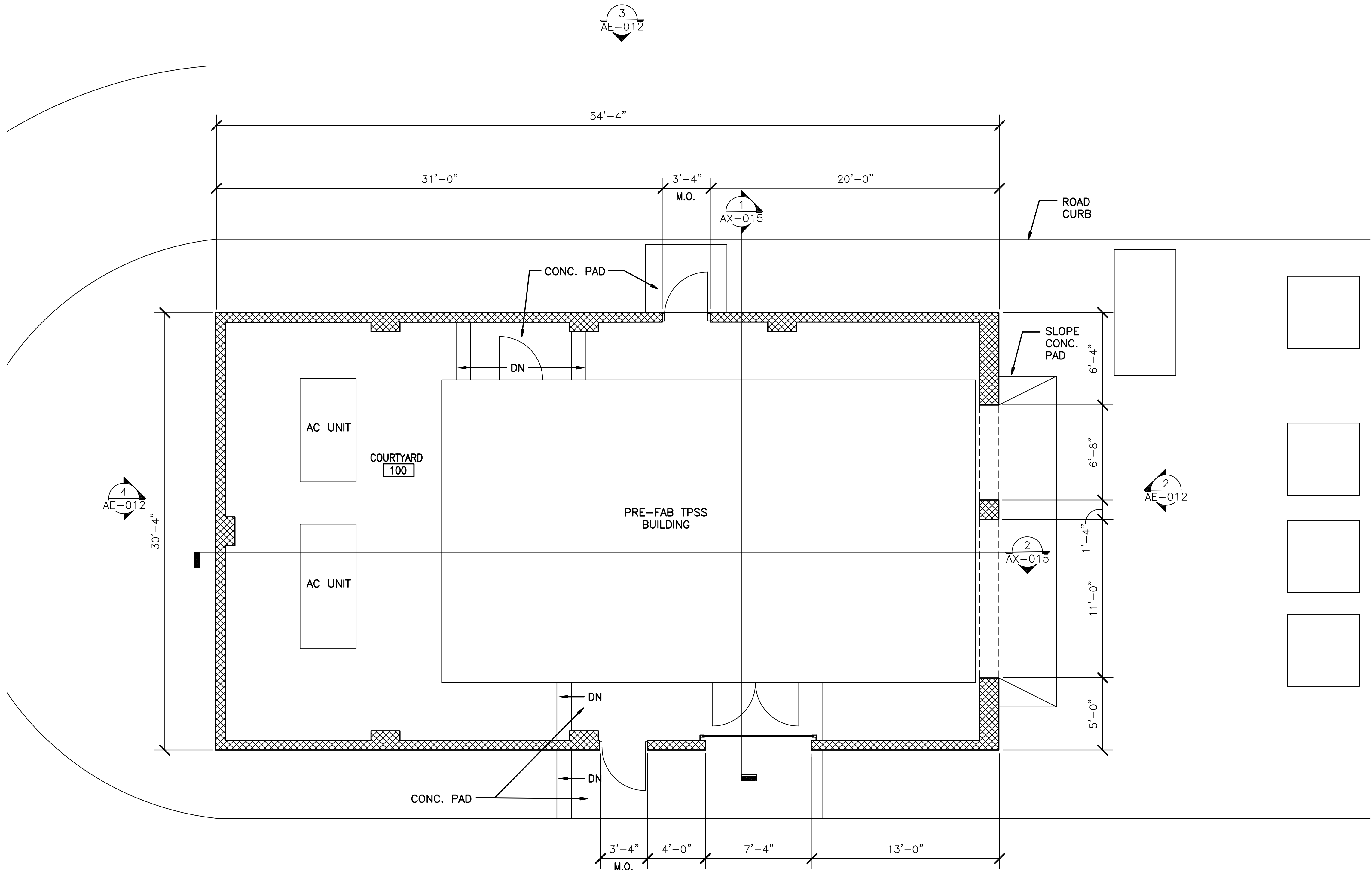
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REVISION:	D
CITY OF MESA PLAN NO:	-
SHEET NO:	-

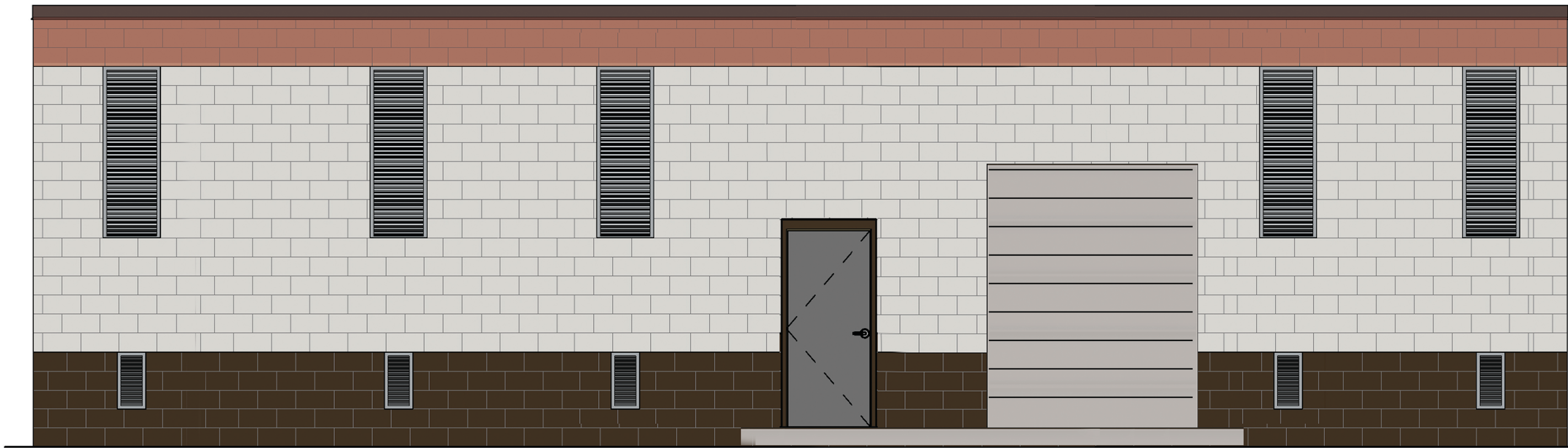


BUILDING FINISHES KEYNOTES

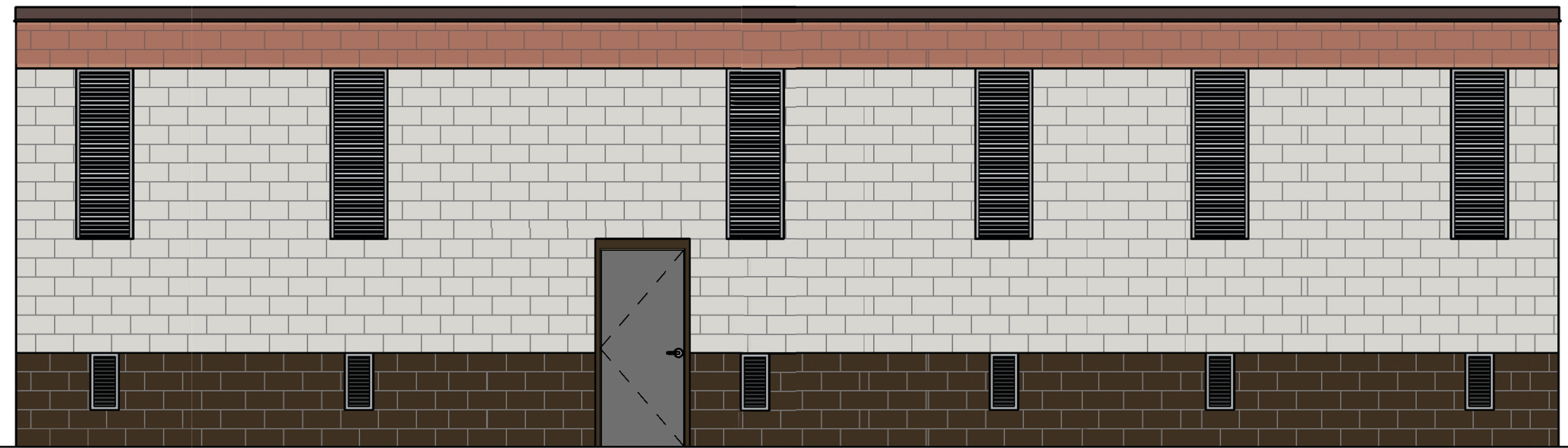
KEYED NOTES	
1	CONCRETE PAD
2	GARBAGE TOTES
3	GROUND FAVE CMU - 1
4	SPLIT FACE CMU - 1
5	SPLIT FACE CMU - 2
6	FREE-AIR LOUVERS
7	STOREFRONT SYSTEM
8	STOREFRONT INTEGRAL SUNSHADE
9	STEEL BEAMS
10	8" CMU WALL

ALLEN ROAD

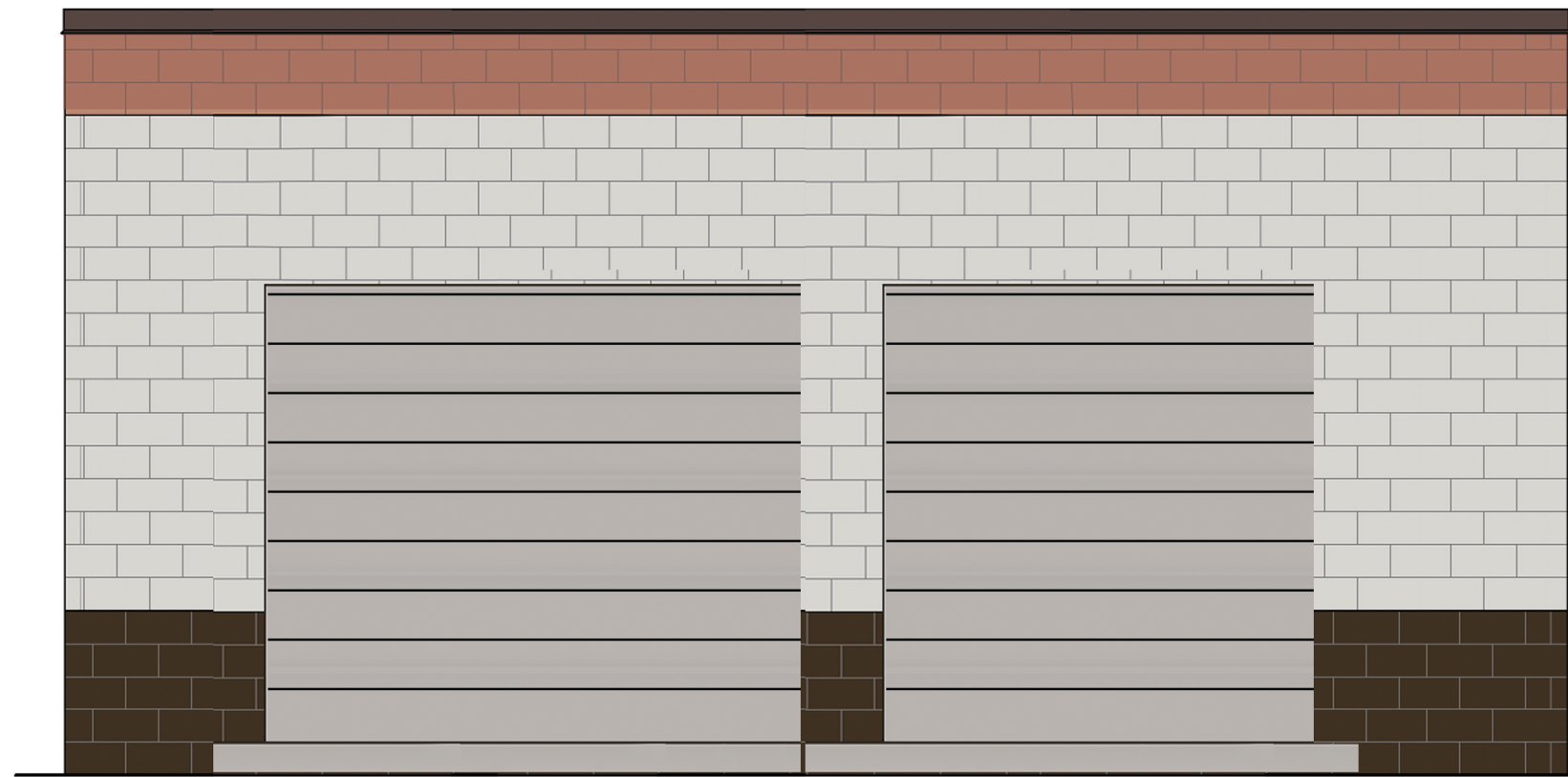




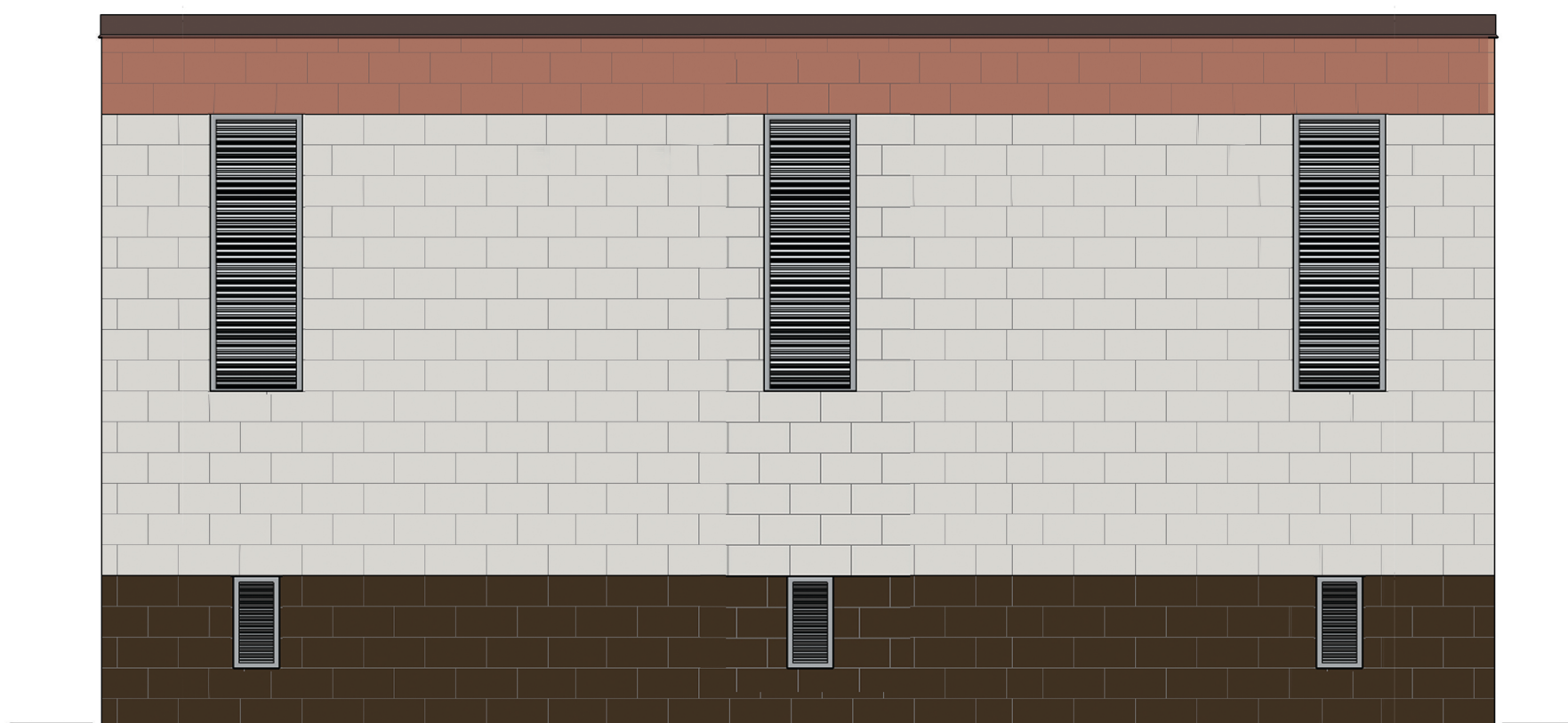
1 TPSS SOUTH ELEVATION
1/4" = 1'-0"



3 TPSS NORTH ELEVATION
1/4" = 1'-0"



2 TPSS EAST ELEVATION
1/4" = 1'-0"



4 TPSS WEST ELEVATION
1/4" = 1'-0"

BUILDING FINISHES KEYNOTES	
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1	CONCRETE PAD
2	GARBAGE TOTES
3	GROUND FACE CMU - 1
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10	8" CMU WALL

LEGEND	
	- GROUND FACE CMU - 1
	- SPLIT FACE CMU - 1
	- SPLIT FACE CMU - 2
	- FREE-AIR LOUVERS

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REV	DATE	BY	DESCRIPTION
A	10/30/15	-	30% SUBMITTAL
B	04/18/16	-	60% SUBMITTAL
C	06/27/16	-	DRB APPLICATION
D	09/13/16	-	DRB APPLICATION

464 South Farmer Avenue, Suite 101, Tempe, AZ 85281
www.wendelcompanies.com p.877.293.6335

Wendel WD Architecture, Engineering, Surveying and Landscape Architecture P.C.

SUBMITTED	DATE
-----------	------

101 N. 1st AVENUE, #2600, PHOENIX, AZ 85003
T 602.253.1200, F 602.253.1202
WWW.JACOBS.COM

APPROVED	DATE
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DESIGNED BY: J. HILL
DRAWN BY: D. HOPKINS
CHECKED BY: -
APPROVED BY: -
SCALE: AS NOTED
SUBMITTAL DATE: 13 SEP 16

GILBERT ROAD LRT EXTENSION
VALLEY METRO CONTRACT NO. 14011-GRDS CITY OF MESA PROJECT NO. CP0296

STAPLEY DRIVE TRACTION POWER
SUBSTATION ELEVATIONS

DRAWING NO: GRE-AE-DRB-53
REVISION: D
CITY OF MESA PLAN NO: -
SHEET NO: -

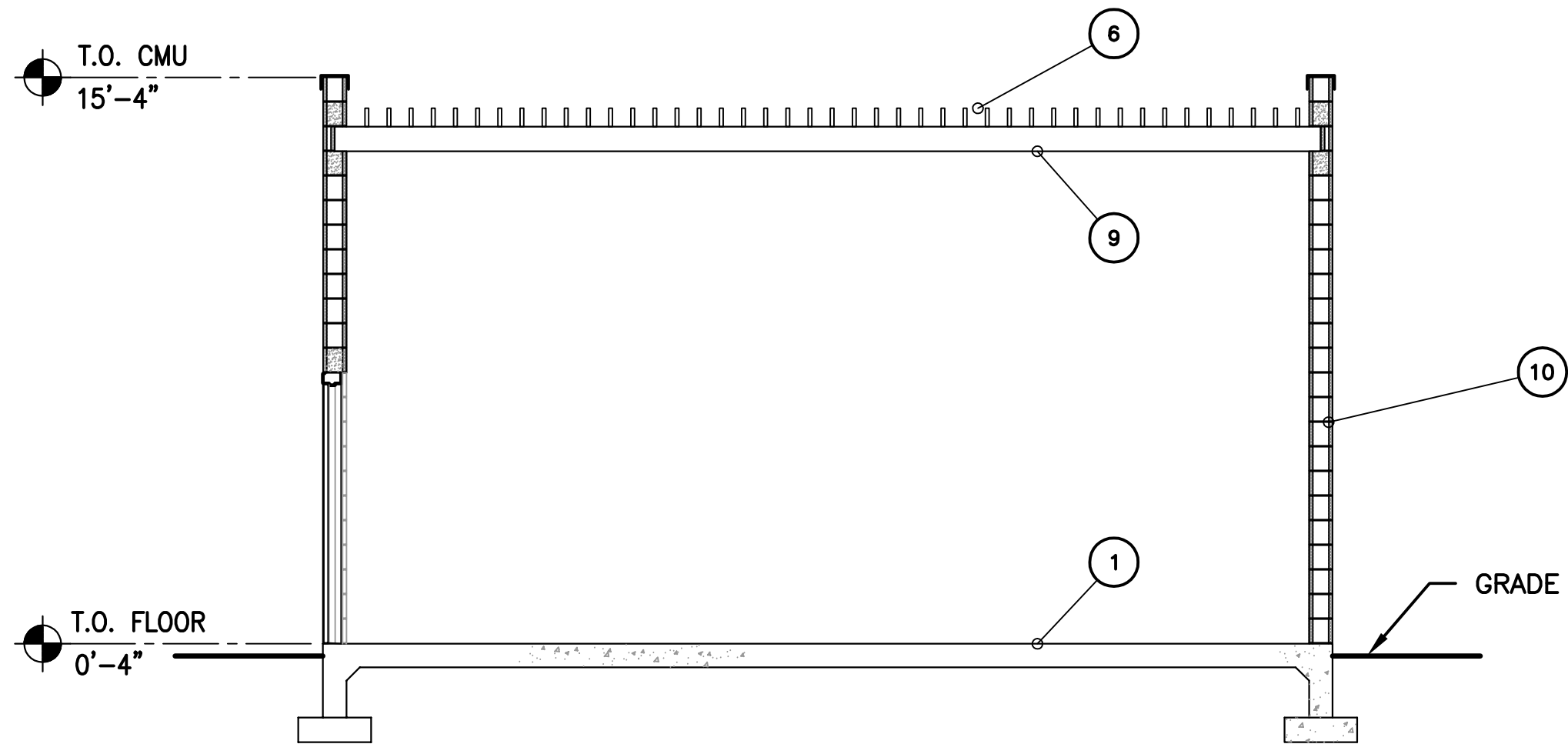
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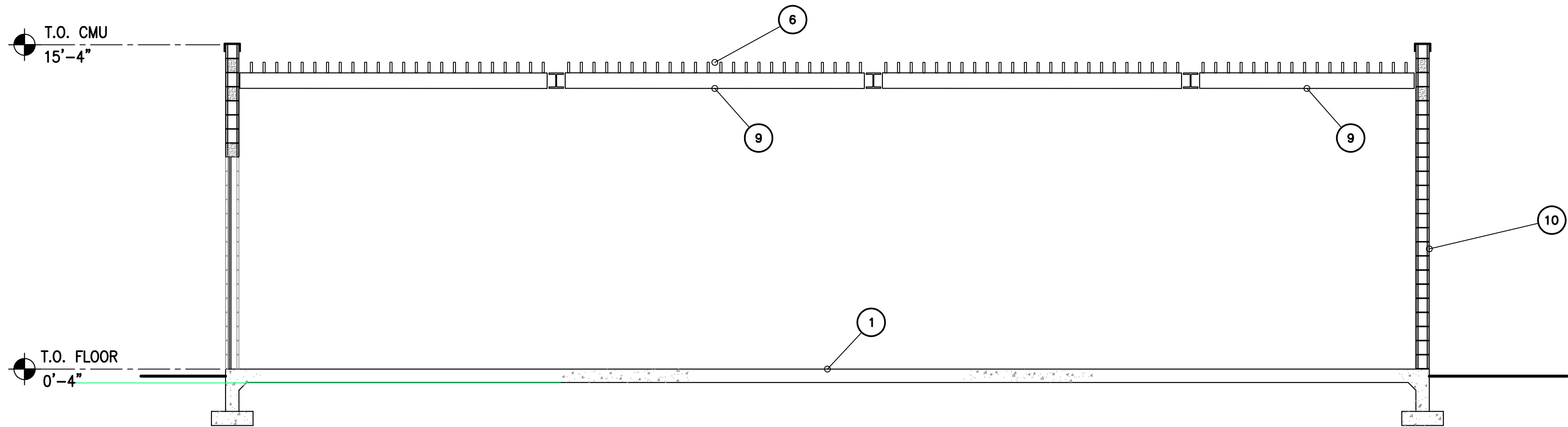
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DHZ Sep 08, 2016 - 6:25pm ByColor

BUILDING FINISHES KEYNOTES

KEYED NOTES	
1	CONCRETE PAD
2	GARBAGE TOTES
3	GROUND FAVE CMU - 1
4	SPLIT FACE CMU - 1
5	SPLIT FACE CMU - 2
6	FREE-AIR LOUVERS
7	STOREFRONT SYSTEM
8	STOREFRONT INTEGRAL SUNSHADE
9	STEEL BEAMS
10	8" CMU WALL



1 SECTION
1/4" = 1'-0"



2 SECTION
1/4" = 1'-0"

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SUBMITTED DATE



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APPROVED DATE

VALLEY METRO

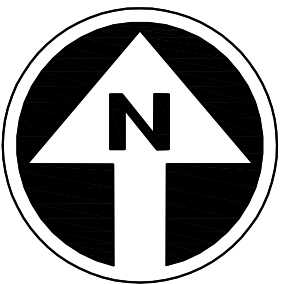
DESIGNED BY:	J. HILL
DRAWN BY:	D. HOPKINS
CHECKED BY:	-
APPROVED BY:	-
SCALE:	AS NOTED
SUBMITTAL DATE:	13 SEP 16

GILBERT ROAD LRT EXTENSION
VALLEY METRO CONTRACT NO. 14011-GRDS CITY OF MESA PROJECT NO. CP0296

STAPLEY DRIVE TRACTION POWER
SUBSTATION SECTIONS

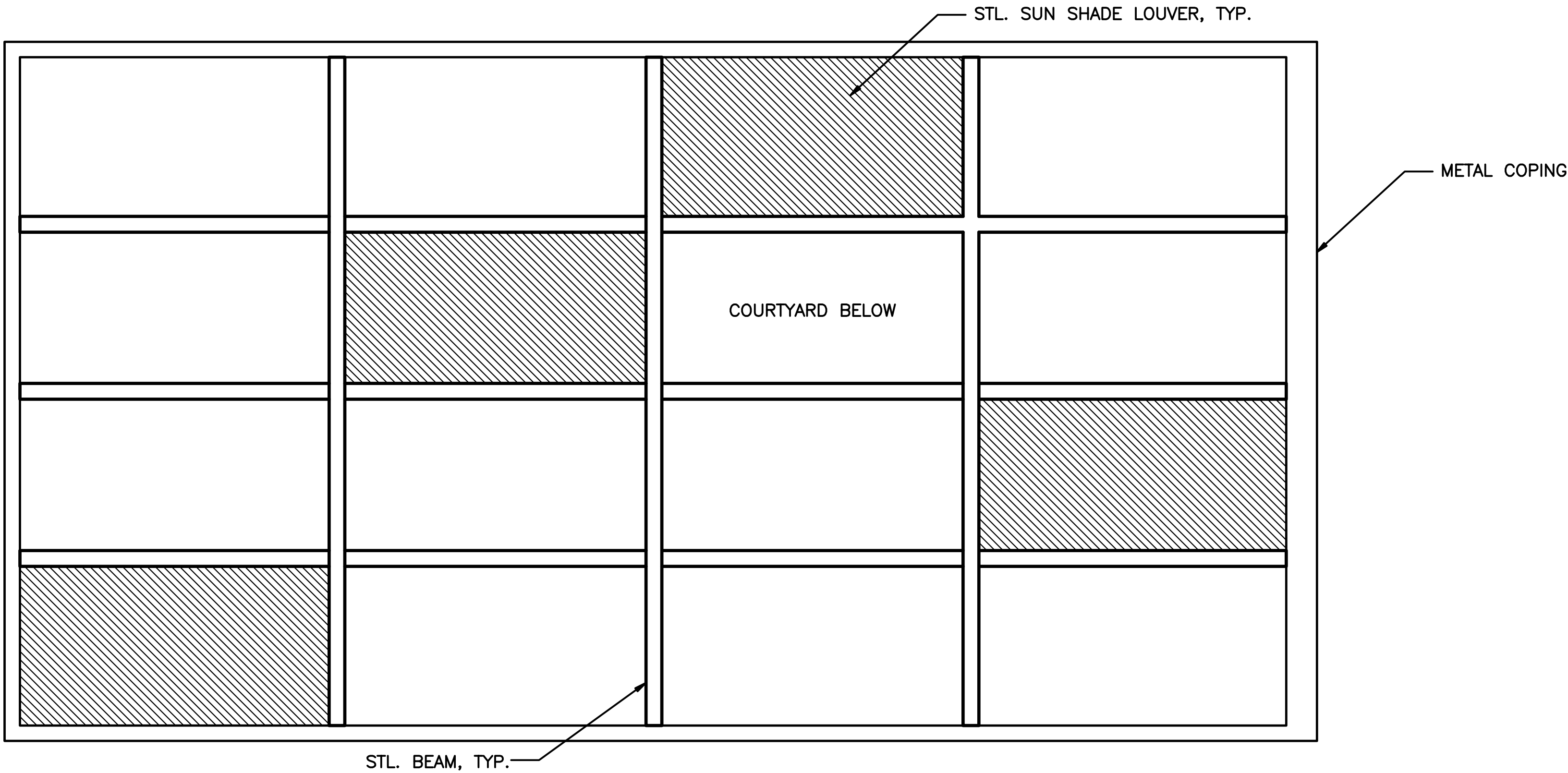
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CITY OF MESA PLAN NO:	-
SHEET NO:	-

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DH2 Sep 08, 2016 - 6:24pm ByColor



BUILDING FINISHES KEYNOTES

KEYED NOTES
1 CONCRETE PAD
2 GARBAGE TOTES
3 GROUND FAVE CMU - 1
4 SPLIT FACE CMU - 1
5 SPLIT FACE CMU - 2
6 FREE-AIR LOUVERS
7 STOREFRONT SYSTEM
8 STOREFRONT INTEGRAL SUNSHADE
9 STEEL BEAMS
10 8" CMU WALL



1 TPSS ROOF PLAN

1/4" = 1'-0"



NOTE: THIS PROJECT MUST CONFORM TO FTA'S BUY AMERICA REQUIREMENTS.

PRELIMINARY
NOT FOR
CONSTRUCTION



SUBMITTED DATE



101 N. 1st AVENUE, #2600, PHOENIX, AZ 85003
T 602.253.1200, F 602.253.1202
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APPROVED DATE



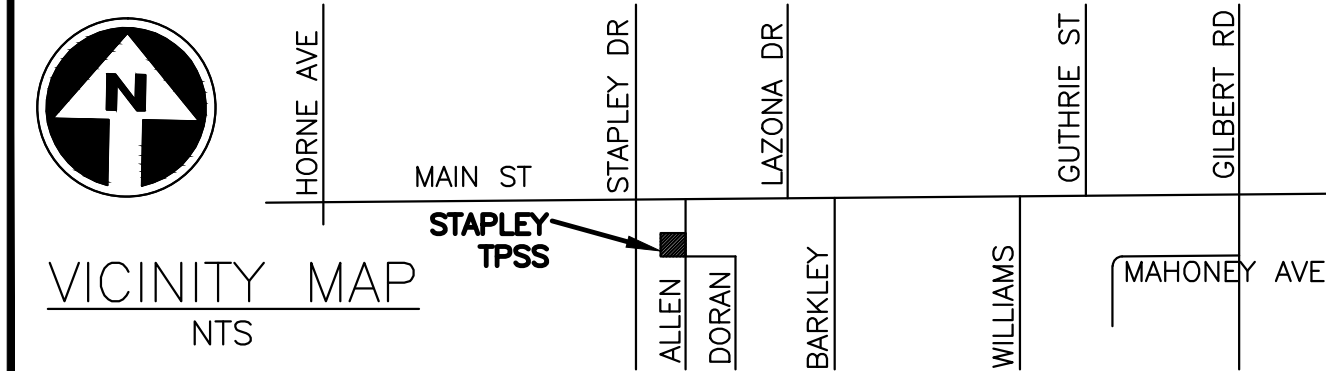
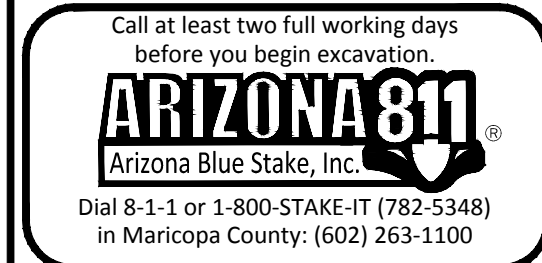
DESIGNED BY:
J. HILL
DRAWN BY:
D. HOPKINS
CHECKED BY:
-
APPROVED BY:
-
SCALE: AS NOTED
SUBMITTAL DATE: 13 SEP 16

GILBERT ROAD LRT EXTENSION
VALLEY METRO CONTRACT NO. 14011-GRDS CITY OF MESA PROJECT NO. CP0296

STAPLEY DRIVE TRACTION POWER
SUBSTATION ROOF PLAN

DRAWING NO: GRE-AR-DRB-54
REVISION: D
CITY OF MESA PLAN NO: -
SHEET NO: -

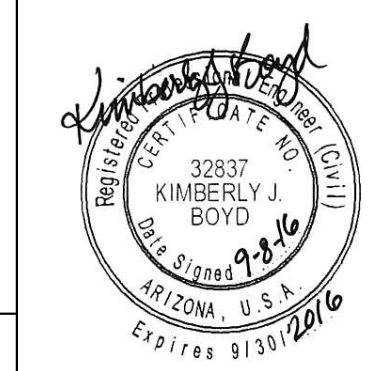
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Sep 08, 2016 - 7:59am
krzitis



NOTE: THIS PROJECT SHALL CONFORM TO FTA'S BUY AMERICA REQUIREMENTS.

PREMIER
ENGINEERING CORPORATION
6437 W. CHANDLER BLVD SUITE 1
CHANDLER, AZ 85226 (480) 829-6000

SUBMITTED	DATE
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JACOBS

101 N. 1st AVENUE, #2600, PHOENIX, AZ 85003
T 602.253.1200, F 602.253.1202
WWW.JACOBS.COM

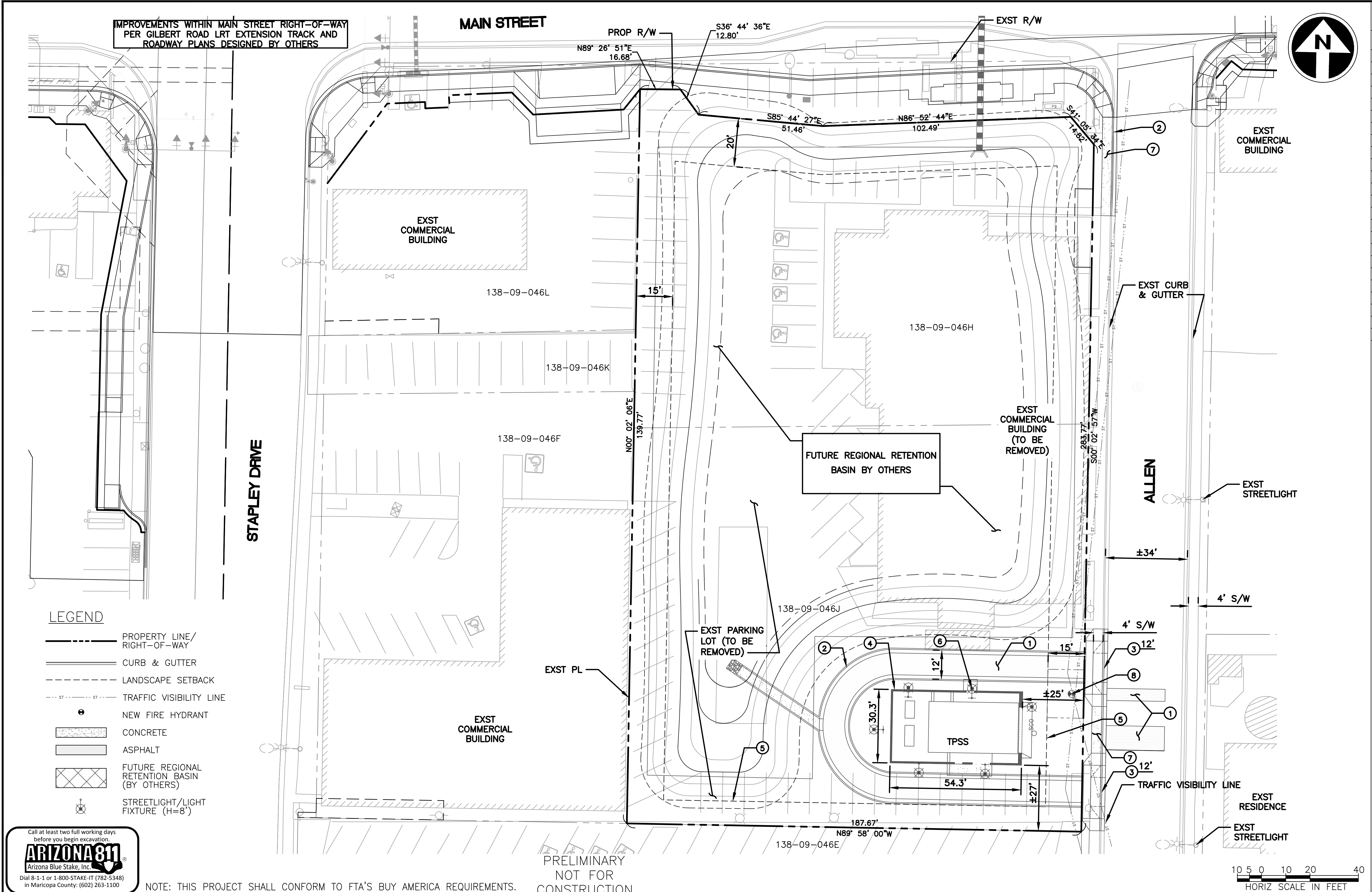
APPROVED	DATE
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VALLEY METRO

DESIGNED BY: KMR	GILBERT ROAD LRT EXTENSION VALLEY METRO CONTRACT NO. 14011-GRDS CITY OF MESA PROJECT NO. CP0296
DRAWN BY: KMR	
CHECKED BY: KJB	
APPROVED BY: KJB	
SCALE: 1:20	
SUBMITTAL DATE: 8 SEP 16	

**STAPLEY TPSS FACILITY
MAIN STREET / ALLEN
SITE PLAN**

DRAWING NO: GRE-CP-DRB-02
REVISION:
CITY OF MESA PLAN NO:
SHEET NO: 1 OF 1



KEY NOTES

	ITEM
1	PROPOSED ASPHALT PAVEMENT
2	PROPOSED CURB AND GUTTER
3	PROPOSED CONCRETE DRIVEWAY
4	PROPOSED TPSS BUILDING
5	LANDSCAPING SETBACK
6	PROPOSED STREET LIGHT
7	PROPOSED SIDEWALK
8	PROPOSED FIRE HYDRANT

SITE ADDRESS
SWC MAIN ST & ALLEN
MESA, ARIZONA

SITE ACREAGE
NET AREA = 55,000 ± SF
= 1.26 AC

ZONING
EXISTING: GC

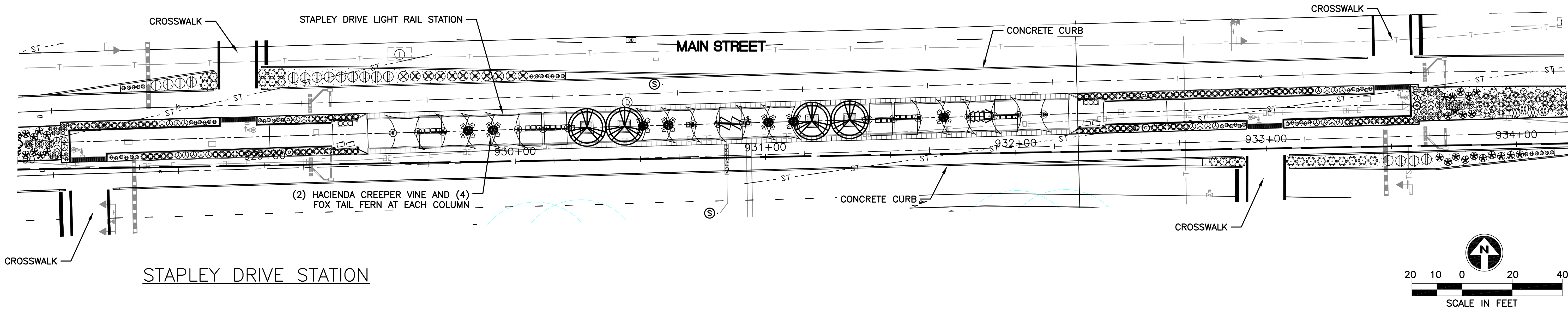
**MARICOPA COUNTY
ASSESSOR PARCEL
NUMBER**
APN #138-09-046J

**MARICOPA COUNTY
ASSESSOR ADJACENT
PARCEL NUMBERS**
APN #138-09-046H
APN #138-09-046E
APN #138-09-046F

OWNER
CITY OF MESA
55 N CENTER STREET
MESA, AZ 85201

APPLICANT
VALLEY METRO RAIL
101 N 1st AVE, STE 1300
PHOENIX, AZ 85003
MAIN PH: 602-271-9324
PROJECT MANAGER:
PATRICK FULLER
PH: 602-322-4487
FAX: 602-252-7453

ENGINEER
PREMIER ENGINEERING CORP
6437 W CHANDLER BLVD, STE 1
CHANDLER, AZ 85226
PHONE: (480) 829-6000
FAX: (480) 829-6016



CITY OF MESA LANDSCAPE DATA

DESCRIPTION	REQ'D	PROV'D
LOCAL STREET FRONTAGE (66 LF)		
1 TREE & 4 SHRUBS PER 25 LF		
TREES	3	3
SHRUBS	12	16
COMMERCIAL BUFFER (130 LF)		
3 TREES & 20 SHURBS PER 100 LF		
TREES	4	4
SHRUBS	26	26

PLANT SIZE NOTES:

- 25% OF THE TREES REQUIRED ALONG THE STREET FRONTAGE SHALL BE 36" BOX OR LARGER, WITH A MINIMUM OF 50% OF THE TREES REQUIRED ALONG THE STREET FRONTAGE SHALL BE 24" BOX. NO TREE SHALL BE SMALLER THAN 15 GALLON.
- 50% OF THE TREES IN THE COMMERCIAL LANDSCAPE BUFFER SHALL BE 24" BOX, THE REMAINING SHALL BE A MINIMUM SIZE OF 15 GALLON.
- 50% OF ALL REQUIRED SHRUBS SHALL BE 5 GALLON OR LARGER. NO SHRUBS MAY BE SMALLER THAN 1 GALLON.

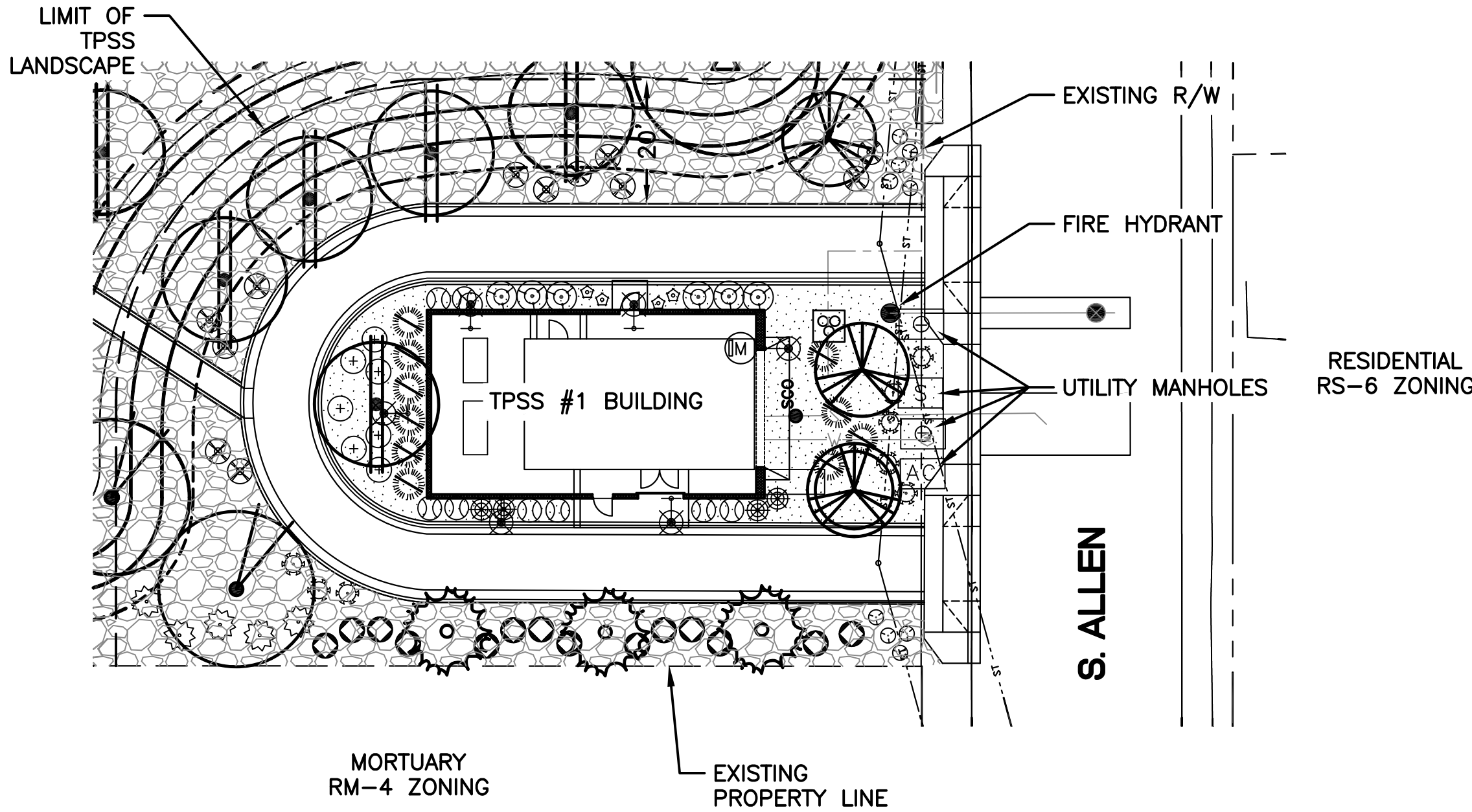
GENERAL NOTES:

- ALL LANDSCAPE AREAS TO RECEIVE AN AUTOMATIC DRIP IRRIGATION SYSTEM.
- ALL PLANT MATERIAL SHALL BE INSTALLED PER CITY REQUIREMENTS.
- TREES SHALL BE INSTALLED A MINIMUM OF 18' FROM LIGHT POLES. SHRUBS SHALL BE INSTALLED A MINIMUM OF 7' FROM LIGHT POLES.

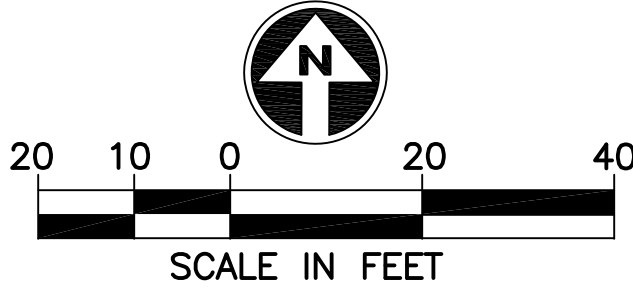
---ST--- = SIGHT DISTANCE TRIANGLE LINES. THERE SHALL BE NO OBSTRUCTIONS TO VISION BETWEEN A HEIGHT OF 3' & 8' WITHIN THE SIGHT DISTANCE TRIANGLE PER CITY OF MESA ENGINEERING & DESIGN MANUAL.

PLANT LEGEND	
SYM.	SPECIES:
TREES: SIZE AS NOTED	
	ACACIA ANEURA: 24" BOX MULGA
	ACACIA ANEURA: 36" BOX MULGA
	DALBERGIA SISSOO: 24" BOX SISSOO TREE
	CHILOPSIS LINEARIS 'BUBBA': 24" BOX 'BUBBA' DESERT WILLOW
	PISTACIA LENTISCUS: 24" BOX MASTIC
	ULMUS PARVIFOLIA 'ALLEE': 24" BOX ALLEE CHINESE ELM
SHRUBS: 5 GALLON	
	BOUGAINVILLEA SPECIES 'LA JOLLA' LA JOLLA BOUGAINVILLEA
	RUELLIA PENINSULARIS BAJA RUELLIA
	TECOMA STANS 'SIERRA APRICOT' SIERRA APRICOT TECOMA
GROUNDCOVERS: 1 GALLON	
	ASPARAGUS DENSIFLORUS 'MYERS' FOXTAIL FERN
	CALLIANDRA HYBRID 'SARITA' SARITA FAIRY DUSTER
	CALLISTEMON VIMINALIS 'LITTLE JOHN' LITTLEJOHN BOTTLEBRUSH
	LANTANA X. 'NEW GOLD' NEW GOLD LANTANA
	ROSMARINUS OFFICINALIS 'HUNTINGTON CARPET' PROSTRATE ROSEMARY
	RUELLIA BRITTONIANA 'KATIE' KATIE RUELLIA

PLANT LEGEND	
SYM.	SPECIES:
ACCENTS: 5 GALLON	
	ASCLEPIAS SUBULATA DESERT MILKWEED
	DASYLIRION WHEELERI DESERT SPOON
	EUPHORBIA ANTISYPHILITICA CANDELILLA
	HESPERALOE FUNIFERA GIANT HESPERALOE
	HESPERALOE PARVIFLORA 'BRAKELIGHTS' BRAKELIGHTS RED YUCCA
	HESPERALOE PARVIFLORA 'YELLOW YUCCA' YELLOW HESPERALOE
	MUHLBERGIA CAPILLARIS REGAL MIST MUHLBERGIA
	MUHLBERGIA EMERSLEYI 'EL TORO' EL TORO DEER GRASS
	YUCCA PALLIDA PALE LEAF YUCCA
VINES:	
	PARTHENOCEISSUS SP. 'HACIENDA' HACIENDA CREEPER
MULCH:	
	DECOMPOSED GRANITE: 2" DEPTH, SIZE & GRADATION TO MATCH LIGHT RAIL
	FRACTURED ROCK RIP RAP: 3"-6" IN SIZE. 4" DEPTH. COLOR TO BE DARK BROWN
* 5 GALLON GROUNDCOVERS	

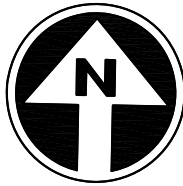


TPSS#1

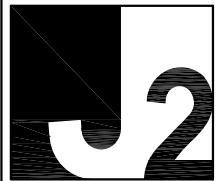
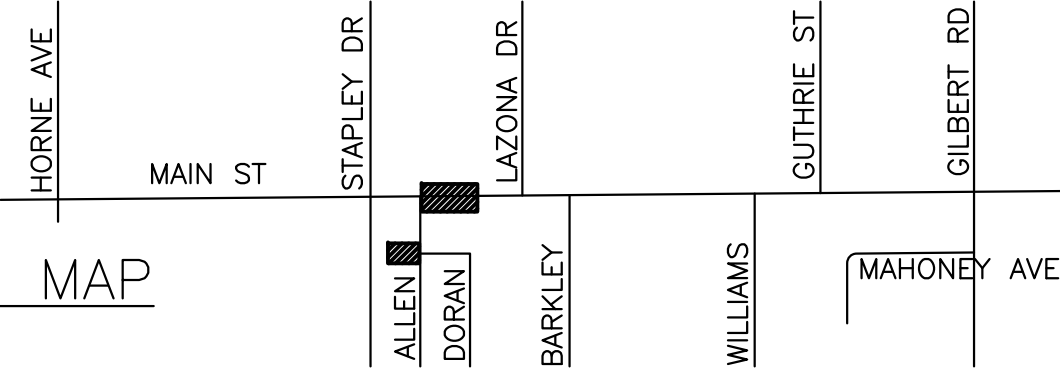


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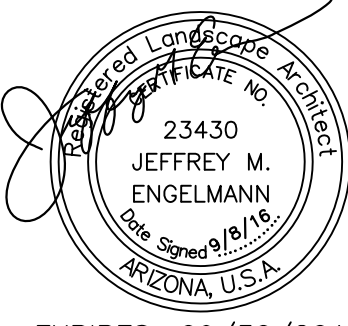
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VICINITY MAP
NTS



J2 Engineering and Environmental Design
4649 East Cotton Gin Loop, Suite B2
Phoenix, Arizona 85040
Phone: 602-438-2221
Web: www.j2design.us



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DESIGNED BY:
S. PLACKO
DRAWN BY:
S. PLACKO
CHECKED BY:
K. WALLIN
APPROVED BY:
J. ENGELMANN
SCALE:
1"=20'
SUBMITTAL DATE:
8 SEPT 16

GILBERT ROAD LRT EXTENSION
VALLEY METRO CONTRACT NO. 14011-GRDS CITY OF MESA PROJECT NO. CP0296

STAPLEY DRIVE STATION & TPSS #1
CONCEPTUAL LANDSCAPE PLAN

DRAWING NO:
GRE-LP-DRB-02
REVISION:
CITY OF MESA PLAN NO:
SHEET NO:



Design Review- Gilbert Road LRT Extension Color Recommendations

Recommended Station Paint Color

LRV (Light Reflectance Value): 46

STRUCTURE
HIGHLIGHT
COLOR



SW 7037
Balanced Beige

PRIMARY
STRUCTURE
COLOR



SW 7041
Van Dyke Brown

Existing CME Station Color

LRV: 8

TPSS Building

CMU Colors

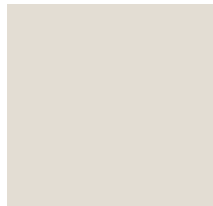


Split Face (Accent)

Ground Face (Field)

Split Face (Base)

Recommended PNR Bus Shelter Color/Site Amenity Colors

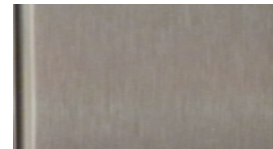


SW 7035
Aesthetic White



SW 6724
Mesclun Green
(Recommended accent color)

Storefront/Louvers



Brushed Aluminum

Recommended color enhancement palette for Gilbert Road LRT corridor (FRP panels, artwork)

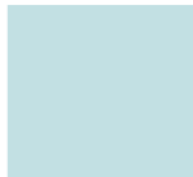
Note: These colors are representative of the plant bloom colors on following page.



SW 6716
Dancing Green
Gilbert Station
Upper FRP Panels



SW 6908
Fun Yellow
Gilbert Station
Upper FRP Panels



SW 6771
Bathe Blue
Gilbert Station
Upper FRP Panels



COM Standard Color
Gilbert Station
Lower FRP Shade



COM Standard Color
Stapley Station
Lower FRP Shade

Plant Bloom Colors:



SW 6724
Mesclun Green



SW 6908
Fun Yellow



SW 6902
Decisive Yellow



SW 6869
Stop



SW 6771
Bathe Blue



Simmondsia chinensis



Yellow hesperaloe



Lantana x 'new gold'



Trailing fairy duster



SW 6866
Heartthrob



SW 6600
Enticing Red



SW 6908
Fun Yellow



SW 6716
Dancing Green



SW 6452
Inland



Hesperaloe parviflora brakelights



Yellow hesperaloe



Candelilla



Pistacia lentiscus tree