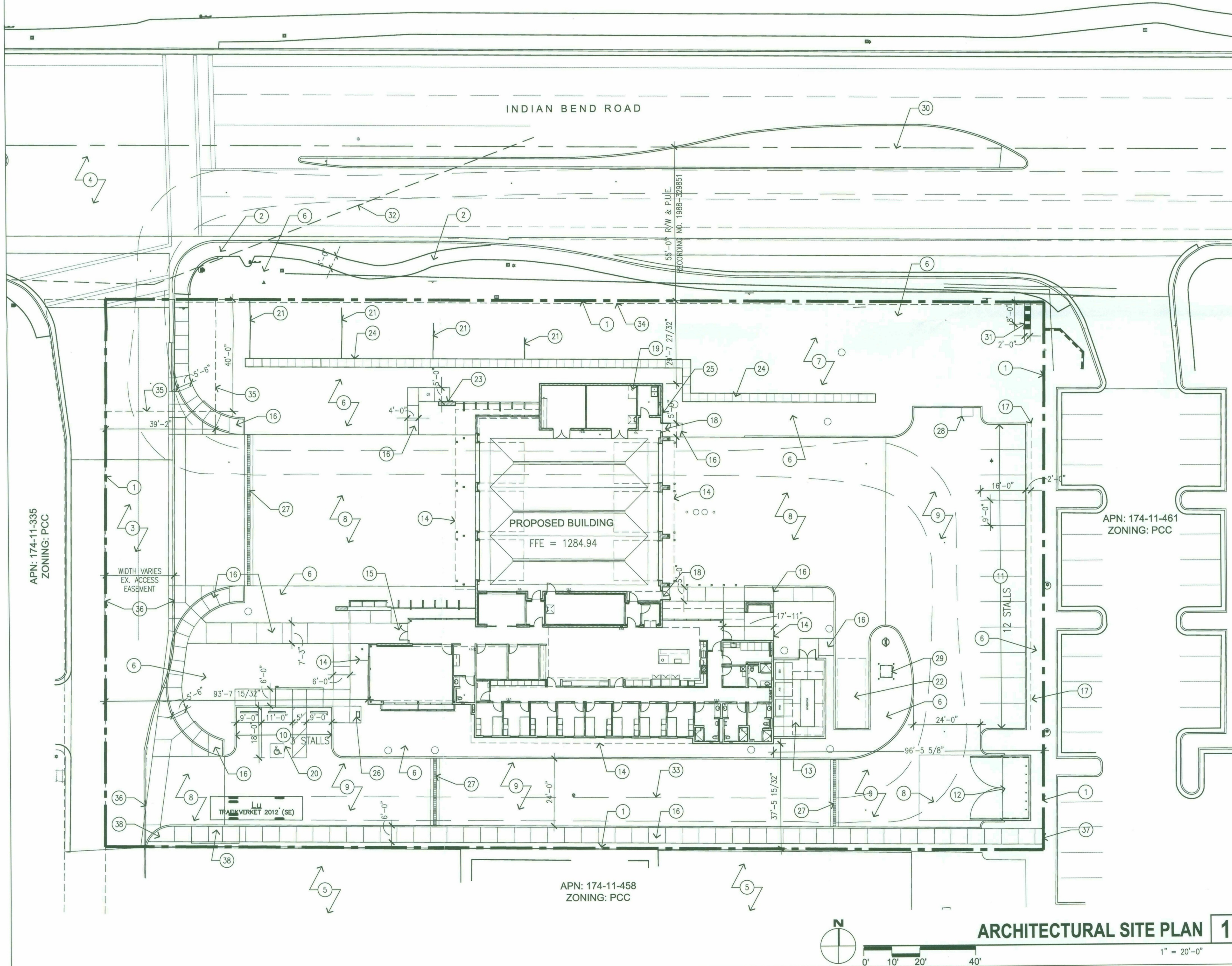


**Full Size or Largest Size
(site plan, landscape, elevations)**



PROJECT DATA

Site Address: 8191 E. Indian Bend Road
Scottsdale, Arizona 85250

Parcel Numbers: 174-11-003X / 174-11-003Z

Zoning: Planned Community Center (PCC)

Gross Lot Area: 83,716.62 s.f. (1.923 acres)

Net Lot Area: 65,325 s.f. (1.50 acres)

Gross Floor Area: 10,822.21 s.f.

Section 5.2506 - Property development standards
B. Floor area ratio (FAR) (ratio of gross floor area to the net lot area of a site)
1. Maximum allowed: 0.30

Proposed FAR: 10,822.21 sf (gross floor area) / 65,325 sf (net lot area) = 0.17 FAR

Max. Building Height: 24'

SITE PLAN WORKSHEET CALCULATIONS

OPEN SPACE CALCULATIONS
Required Open Space:

COMMON OPEN SPACE
Maximum Building Height = 24' proposed (36' Allowed)
= 0.16 x net lot area
= 0.16 x 65,325 = 10,452.00 s.f.
Next 12' of height = 12' x .004 x 65,325 = 3,135.60

Common Open Space Required = 10,452.00 + 3,135.60 = 13,587.60 s.f.
Common Open Space Provided = 14,209.59 s.f.

FRONTAGE OPEN SPACE
Minimum Requirement = 0.35 x Required Common Open Space
= 0.35 x 13,587.60 = 4,755.66 s.f.

Except at least 30 s.f. per 1 linear foot of public street frontage
Length of property at street = 335'

Frontage Open Space Required = 30 x 335' = 10,050 s.f.
Frontage Open Space Provided = 10,159.52 s.f.

Retention surface area in front open space is included within the front open space area.
Retention surface area = 4,466.26 s.f.

Parking areas and parking lot landscaping are not included in the required open space.

Parking area = 2,640 s.f.
Required Parking Landscape Area = 2,640 x .15 = 396 s.f.
Provided Parking Landscape Area = 399.38 s.f.

PARKING REQUIREMENTS - Per City of Scottsdale Fire Department

Parking	Staff Parking	12 spaces
Provided:	Visitor Parking	03 spaces
	Trailer	01 spaces
	Total Parking Provided	16 spaces

Zoning Ordinance Section 9.105 - Mobility Impaired Accessible Spaces

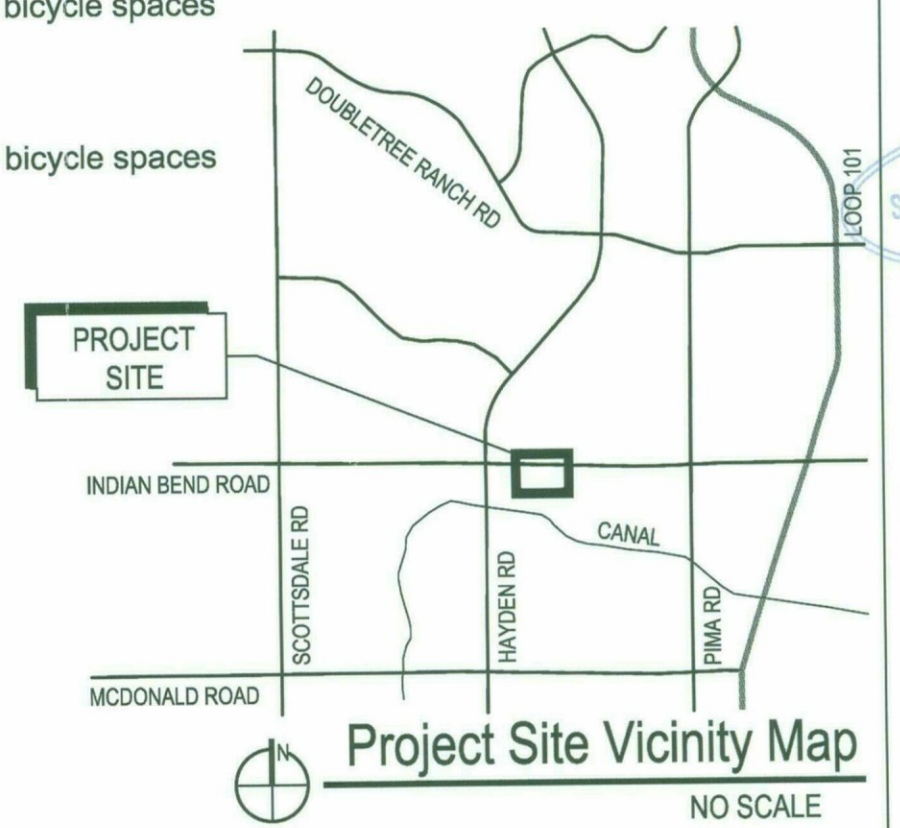
Accessible 4% of total required vehicular parking spaces
Parking Required: 16 x .04 = 1 spaces

Accessible
Parking Provided: 1 van accessible space

Zoning Ordinance Section 9.103-Parking Requirements-C. Required Bicycle Parking

Bicycle
Parking Required: If parking is less than 40, minimum of 2 bicycle parking spaces
= 2 bicycle spaces

Bicycle
Parking Provided: = 4 bicycle spaces



- KEYNOTES**
- 1 PROPERTY LINE
 - 2 EXISTING SIDEWALK
 - 3 EXISTING PRIVATE DRIVE
 - 4 EXISTING TRAFFIC-LIGHTED INTERSECTION
 - 5 EXISTING BUILDING
 - 6 LANDSCAPE AREA
 - 7 RETENTION
 - 8 CONCRETE PAVEMENT
 - 9 ASPHALT PAVEMENT
 - 10 VISITOR PARKING
 - 11 STAFF PARKING
 - 12 REFUSE / RECYCLE CONTAINER ENCLOSURE PER CITY OF SCOTTSDALE STANDARD
 - 13 SERVICE YARD
 - 14 BUILDING OVERHANG
 - 15 MAIN ENTRY
 - 16 SIDEWALK
 - 17 LINE OF VEHICLE OVERHANG
 - 18 FIRE ENTRY / EXIT
 - 19 FIRE RISER
 - 20 VAN ACCESSIBLE PARKING STALL
 - 21 STEEL EDGE, REF. LANDSCAPE
 - 22 SPECIAL EVENT TRAILER PARKING STALL
 - 23 WALL MOUNTED FLAG POLE
 - 24 GABION RETAINING WALL WITH GEOTEXTILE LINING
 - 25 REMOTE FIRE DEPARTMENT CONNECTION (FDC)
 - 26 BICYCLE PARKING, PER CITY OF SCOTTSDALE DETAIL 2285
 - 27 TRENCH DRAINS, REF. CIVIL
 - 28 CONCRETE CATCH BASIN, REF. CIVIL
 - 29 ELECTRICAL TRANSFORMER, REF. ELECTRICAL
 - 30 CENTERLINE OF ROAD BETWEEN BRASS CAPS, REF. ALTA SURVEY
 - 31 EXISTING SIGN WITHIN SIGN EASEMENT (RECORDING NO. 2017-569710) PER ADJACENT LAND OWNER, TO REMAIN
 - 32 SITE VISIBILITY TRIANGLE, PER DS&PM
 - 33 FIRE TRUCK TURNING RADIUS
 - 34 1' VEHICULAR NON-ACCESS EASEMENT RECORDING NO. 2002-1072465
 - 35 TRAFFIC SIGNAL EASEMENT RECORDING NO. 2004-0629920
 - 36 ACCESS EASEMENT RECORDING NO. 2002-1072456
 - 37 FOR CONTINUATION OF SIDEWALK REFERENCE PROPOSED DEVELOPMENT OF ADJACENT PROPERTY
 - 38 ADA SIDEWALK RAMP, REF. CIVIL C.1.0

FUCELLO ARCHITECTS
1 480.947.2960
1 480.947.2964
7825 e. camelback road, suite 204
scottsdale, arizona 85251

PRELIMINARY NOT FOR CONSTRUCTION



SCOTTSDALE FIRE STATION #603
8191 E. Indian Bend Road
Scottsdale, Arizona 85250

REVISION DATE

1	1-JP-2018 & 4.04.18
	2-DR-2018
	1st Review Comments

FA Project No.: 1701
Date: 20 december 2017

architectural site plan

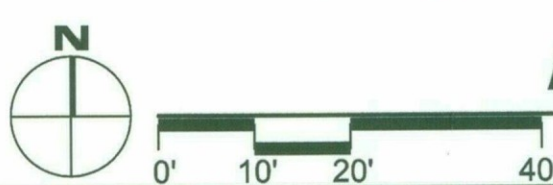
DR1.1

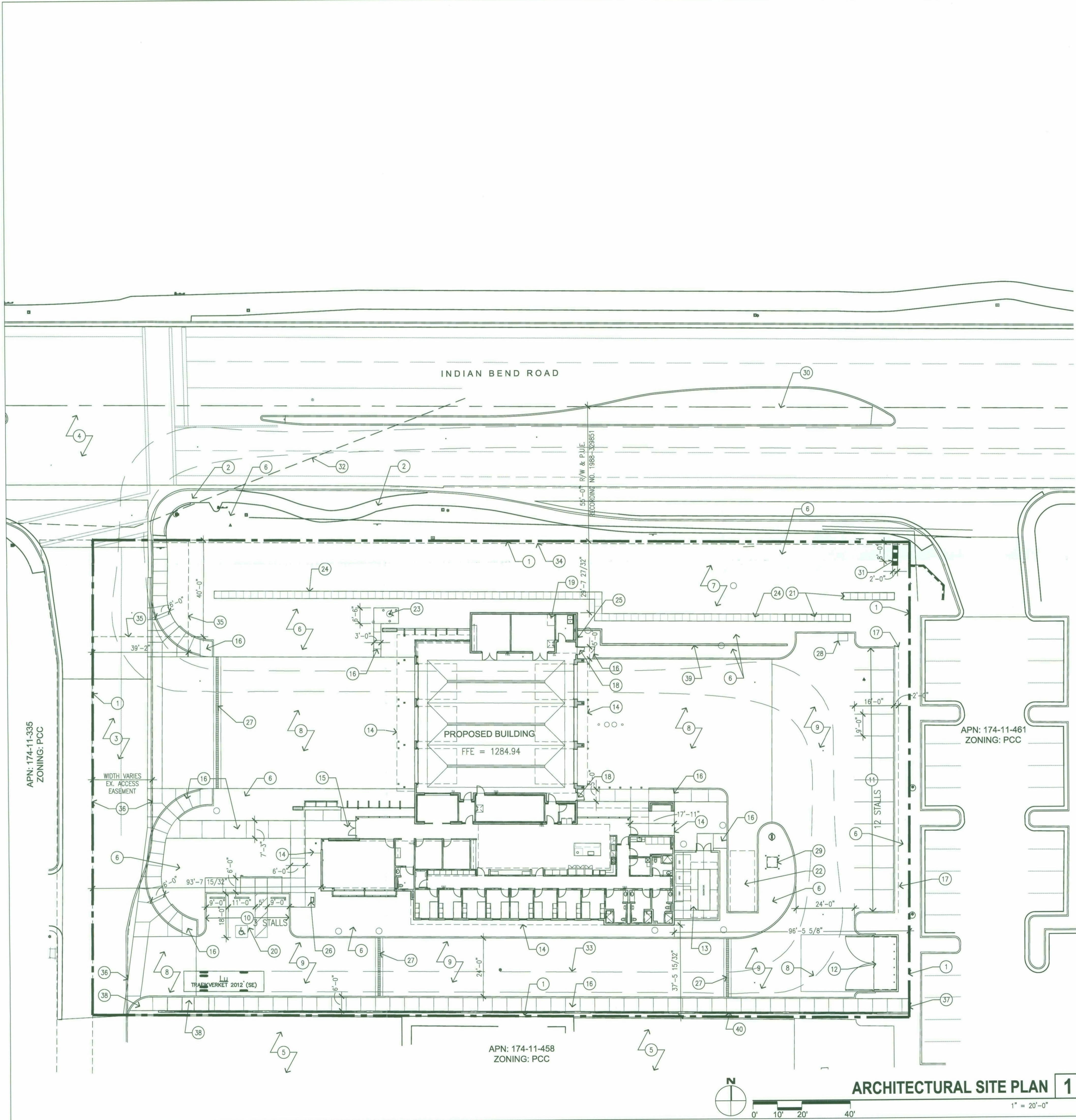
development review board (DRB)

Fire Plan Review By:
Scott Stanek (480) 312-7051
email: sstanek@scottsdale.gov

2-DR-2018
04/11/18

ARCHITECTURAL SITE PLAN 1





PROJECT DATA

Site Address: 8191 E. Indian Bend Road
Scottsdale, Arizona 85250

Parcel Numbers: 174-11-003X / 174-11-003Z

Zoning: Planned Community Center (PCC)

Gross Lot Area: 83,716.62 s.f. (1.923 acres)

Net Lot Area: 65,325 s.f. (1.50 acres)

Gross Floor Area: 10,822.21 s.f.

Section 5.2506 - Property development standards
B. Floor area ratio (FAR) (ratio of gross floor area to the net lot area of a site)
1. Maximum allowed: 0.30

Proposed FAR: 10,822.21 sf (gross floor area) / 65,325 sf (net lot area) = 0.17 FAR

Max. Building Height: 24'

SITE PLAN WORKSHEET CALCULATIONS

OPEN SPACE CALCULATIONS
Required Open Space:

COMMON OPEN SPACE
Maximum Building Height = 24' proposed (36' Allowed)
First 12' of height = 0.16 x net lot area = 10,452.00 s.f.
Next 12' of height = 12' x .004 x 65,325 = 3,135.60 s.f.

Common Open Space Required = 10,452.00 + 3,135.60 = 13,587.60 s.f.
Common Open Space Provided = 14,006.29 s.f.

FRONTAGE OPEN SPACE
Minimum Requirement = 0.35 x Required Common Open Space = 0.35 x 13,587.60 = 4,755.66 s.f.

Except at least 30 s.f. per 1 linear foot of public street frontage = 30 x Length of prop. line at public street frontage = 335'

Frontage Open Space Required = 30 x 335' = 10,050 s.f.
Frontage Open Space Provided = 10,100.40 s.f.

Retention surface area in front open space is included within the front open space area.
Retention surface area = 4,536.65 s.f.
< 50% of Provided Frontage Open Space

Parking areas and parking lot landscaping are not included in the required open space.

Parking area = 2,640 s.f.
Required Parking Landscape Area = 2,640 x .15 = 396 s.f.
Provided Parking Landscape Area = 399.38 s.f.

PARKING REQUIREMENTS - Zoning Ordinance Section 9.103

Table 9.103.A. Schedule of Parking Requirements:
Offices (government) = 1 space per 250 s.f.

Parking Required:	Group B (Office/Business) = 3202 s.f.
	3202/ 250 = 12.8 = 13 Spaces Required
Parking Provided:	Staff Parking 12 spaces
	Visitor Parking 03 spaces
	Trailer 01 spaces
	Total Parking Provided 16 spaces

Zoning Ordinance Section 9.105 - Mobility Impaired Accessible Spaces

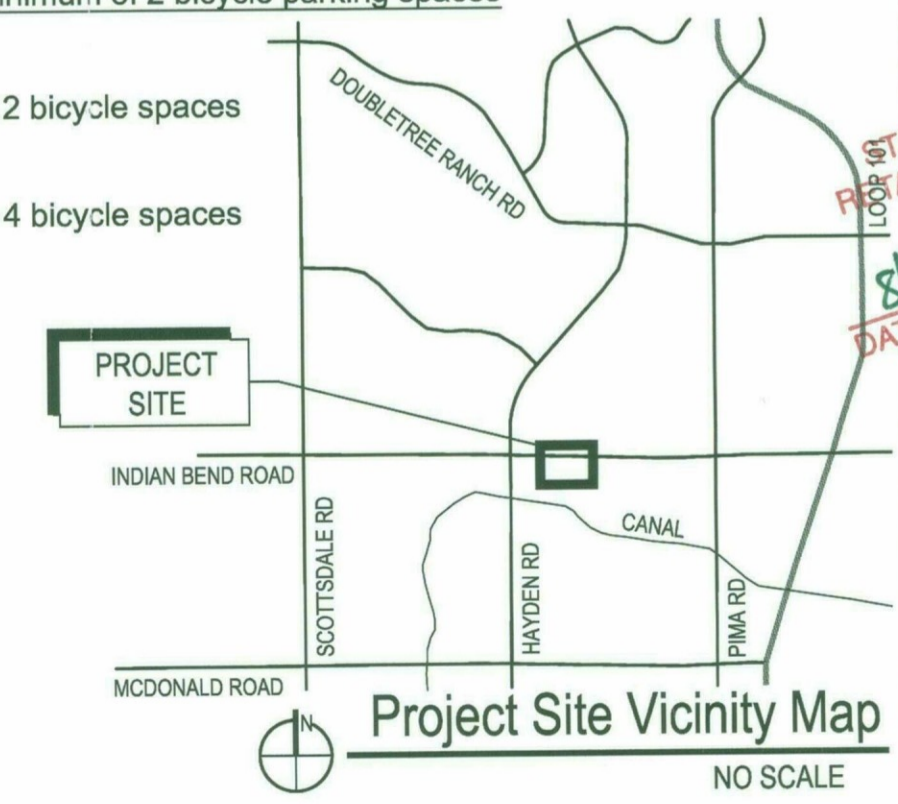
Accessible Parking Required: 4% of total required vehicular parking spaces
13 x .04 = 1 spaces

Accessible Parking Provided: 1 van accessible space

Zoning Ordinance Section 9.103-Parking Requirements-C. Required Bicycle Parking

If parking is less than 40, minimum of 2 bicycle parking spaces

Bicycle Parking Required:	= 2 bicycle spaces
Bicycle Parking Provided:	= 4 bicycle spaces



- KEYNOTES**
- PROPERTY LINE
 - EXISTING SIDEWALK
 - EXISTING PRIVATE DRIVE
 - EXISTING TRAFFIC-LIGHTED INTERSECTION
 - EXISTING BUILDING
 - LANDSCAPE AREA
 - RETENTION
 - CONCRETE PAVEMENT
 - ASPHALT PAVEMENT
 - VISITOR PARKING
 - STAFF PARKING
 - REFUSE / RECYCLE CONTAINER ENCLOSURE PER CITY OF SCOTTSDALE STANDARD
 - SERVICE YARD
 - BUILDING OVERHANG
 - MAIN ENTRY
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 - LINE OF VEHICLE OVERHANG
 - STAFF ENTRY / EXIT
 - FIRE RISER
 - VAN ACCESSIBLE PARKING STALL
 - MINIMUM 3' HIGH GABION SCREEN WALL
 - SPECIAL EVENT TRAILER PARKING STALL
 - GROUND MOUNTED FLAG POLE
 - GABION RETAINING WALL WITH GEOTEXTILE LINING
 - REMOTE FIRE DEPARTMENT CONNECTION (FDC)
 - BICYCLE PARKING, PER CITY OF SCOTTSDALE DETAIL 2285
 - TRENCH DRAINS, REF. CIVIL
 - CONCRETE CATCH BASIN, REF. CIVIL
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 - SITE VISIBILITY TRIANGLE, PER DS&PM
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 - 1' VEHICULAR NON-ACCESS EASEMENT RECORDING NO. 2002-1072465
 - TRAFFIC SIGNAL EASEMENT RECORDING NO. 2004-0629920
 - ACCESS EASEMENT RECORDING NO. 2002-1072456
 - FOR CONTINUATION OF SIDEWALK REFERENCE PROPOSED DEVELOPMENT OF ADJACENT PROPERTY
 - ADA SIDEWALK RAMP, REF. CIVIL C1.0
 - SITE WALL - 8 X 8 X 16 RUNNING BOND C.M.U., TRENDSIDE, COLOR: HOPKI SANDSTONE OR EQ.
 - FENCE WALL, REF. DR1.5

FUCELLO ARCHITECTS
1 480.947.2980
f 480.947.2984
7625 e. cambridge road, suite 100
scottsdale, arizona 85251

PRELIMINARY NOT FOR CONSTRUCTION



SCOTTSDALE FIRE STATION #603
8191 E. Indian Bend Road
Scottsdale, Arizona 85250

REVISION	DATE
1-UP-2018 & 2-DR-2018 1st Review Comments	4.04.18
2-DR-2018 2nd Review Comments	6.28.18

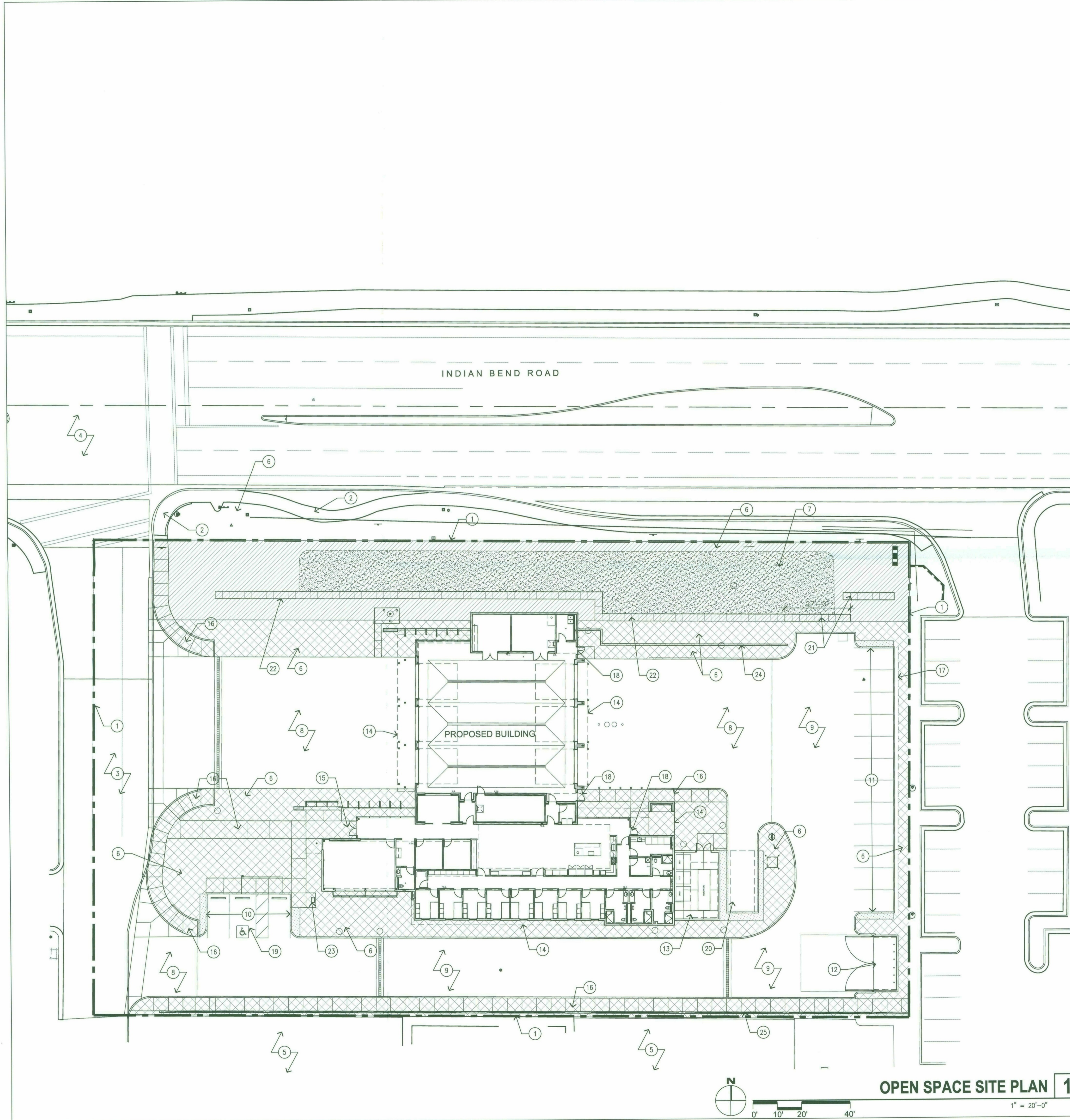
FA Project No.: 1701
Date: 20 december 2017

architectural site plan

DR1.1

development review board (DRB)

ARCHITECTURAL SITE PLAN 1
1" = 20'-0"



PROJECT DATA

Site Address: 8191 E. Indian Bend Road
Scottsdale, Arizona 85250

Parcel Numbers: 174-11-003X / 174-11-003Z

Zoning: Planned Community Center (PCC)

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Section 5.2506 - Property development standards
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1. Maximum allowed: 0.30

Proposed FAR: 10,822.21 sf (gross floor area) / 65,325 sf (net lot area) = 0.17 FAR

Max. Building Height: 24'

SITE PLAN WORKSHEET CALCULATIONS

OPEN SPACE CALCULATIONS
Required Open Space:

	COMMON OPEN SPACE Maximum Building Height First 12' of height Next 12' of height	= 24' proposed (36' Allowed) = 0.16 x net lot area = 0.16 x 65,325 = 10,452.00 s.f. = 12' x .004 x 65,325 = 3,135.60
	FRONTAGE OPEN SPACE Minimum Requirement	= 0.35 x Required Common Open Space = 0.35 x 13,587.60 = 4,755.66 s.f.
	Except at least 30 s.f. per 1 linear foot of public street frontage	= 30 x Length of prop. line at public street frontage = 335'
	Length of property at street	
	RETENTION AREA	Retention surface area in front open space is included within the front open space area. Retention surface area = 4,536.65 s.f. < 50% of Provided Frontage Open Space
	PARKING LANDSCAPE AREA	Parking area = 2,640 s.f. Required Parking Landscape Area = 2,640 x .15 = 396 s.f. Provided Parking Landscape Area = 399.38 s.f.

PARKING REQUIREMENTS - Zoning Ordinance Section 9.103

Table 9.103.A. Schedule of Parking Requirements:
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Provided:	Staff Parking 12 spaces Visitor Parking 03 spaces Trailer 01 spaces Total Parking Provided 16 spaces

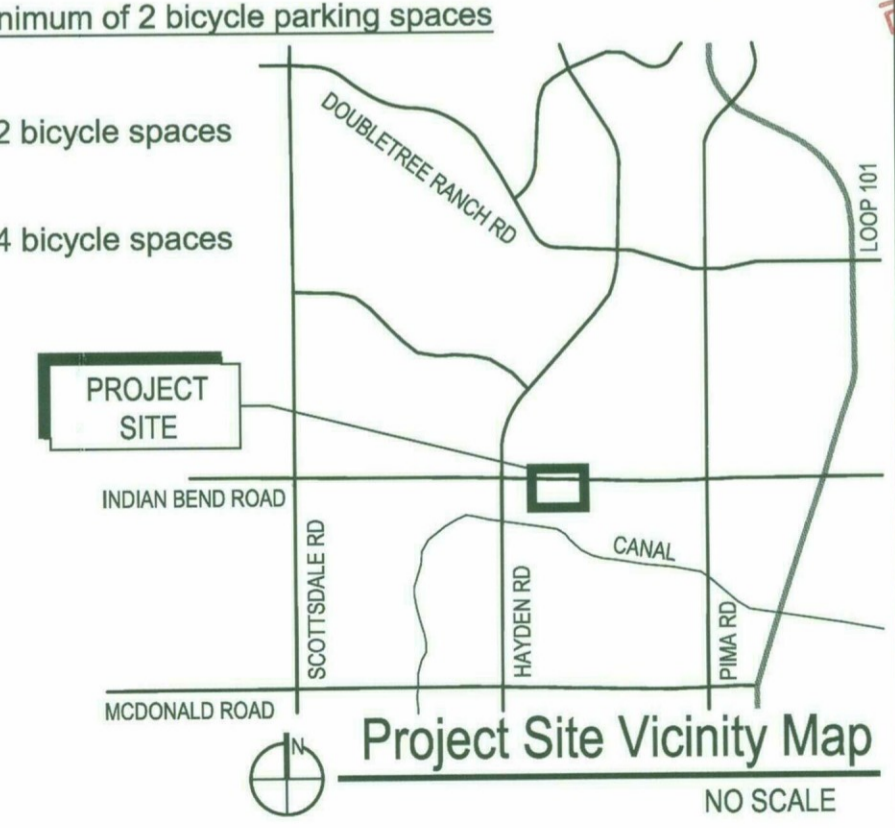
Zoning Ordinance Section 9.105 - Mobility Impaired Accessible Spaces

Accessible Parking Required: 4% of total required vehicular parking spaces
13 x .04 = 1 spaces

Accessible Parking Provided: 1 van accessible space

Zoning Ordinance Section 9.103-Parking Requirements-C. Required Bicycle Parking
If parking is less than 40, minimum of 2 bicycle parking spaces

Bicycle Parking Required: = 2 bicycle spaces
Bicycle Parking Provided: = 4 bicycle spaces



- KEYNOTES**
- 1 PROPERTY LINE
 - 2 EXISTING SIDEWALK
 - 3 EXISTING PRIVATE DRIVE
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 - 5 EXISTING BUILDING
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 - 9 ASPHALT PAVEMENT
 - 10 VISITOR PARKING
 - 11 STAFF PARKING
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 - 13 SERVICE YARD
 - 14 BUILDING OVERHANG
 - 15 MAIN ENTRY
 - 16 SIDEWALK
 - 17 LINE OF VEHICLE OVERHANG
 - 18 STAFF ENTRY / EXIT
 - 19 VAN ACCESSIBLE PARKING STALL
 - 20 SPECIAL EVENT TRAILER PARKING STALL
 - 21 MINIMUM 3' HIGH GABION SCREEN WALL
 - 22 GABION RETAINING WALL WITH GEOTEXTILE LINING
 - 23 BICYCLE PARKING
 - 24 SITE WALL - 8 X 8 X 16 RUNNING BOND C.M.U., TRENDSIDE, COLOR: HOPI SANDSTONE OR EQ.
 - 25 FENCE WALL, REF. DR1.5

FUCELLO ARCHITECTS
1 480.947.2960
480.947.2964
7525 e. camelback, scottsdale, arizona 85251

PRELIMINARY NOT FOR CONSTRUCTION

MWL

SCOTTSDALE FIRE STATION #603
8191 E. Indian Bend Road
Scottsdale, Arizona 85250

REVISION	DATE
1	1-UP-2018 & 2-DR-2018 1st Review Comments
2	2-DR-2018 2nd Review Comments

FA Project No.: 1701
Date: 20 december 2017

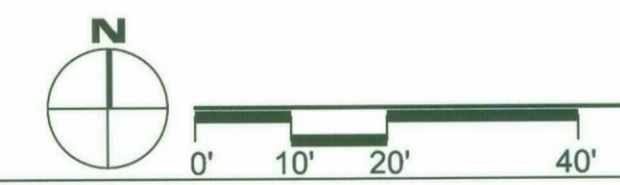
open space site plan

DR1.3
development review board (DRB)

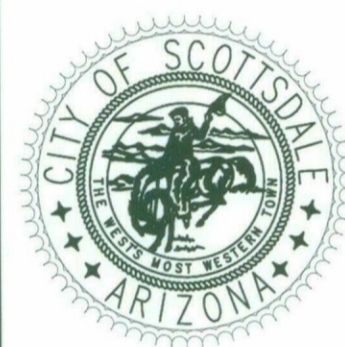
STIPULATION SET
RETAIN FOR RECORDS
APPROVED
DATE INITIALS

2-DR-2018
07/05/18

OPEN SPACE SITE PLAN 1



**PRELIMINARY
 NOT FOR
 CONSTRUCTION**



SCOTTSDALE FIRE STATION #603
 8191 E. Indian Bend Road
 Scottsdale, Arizona 85250

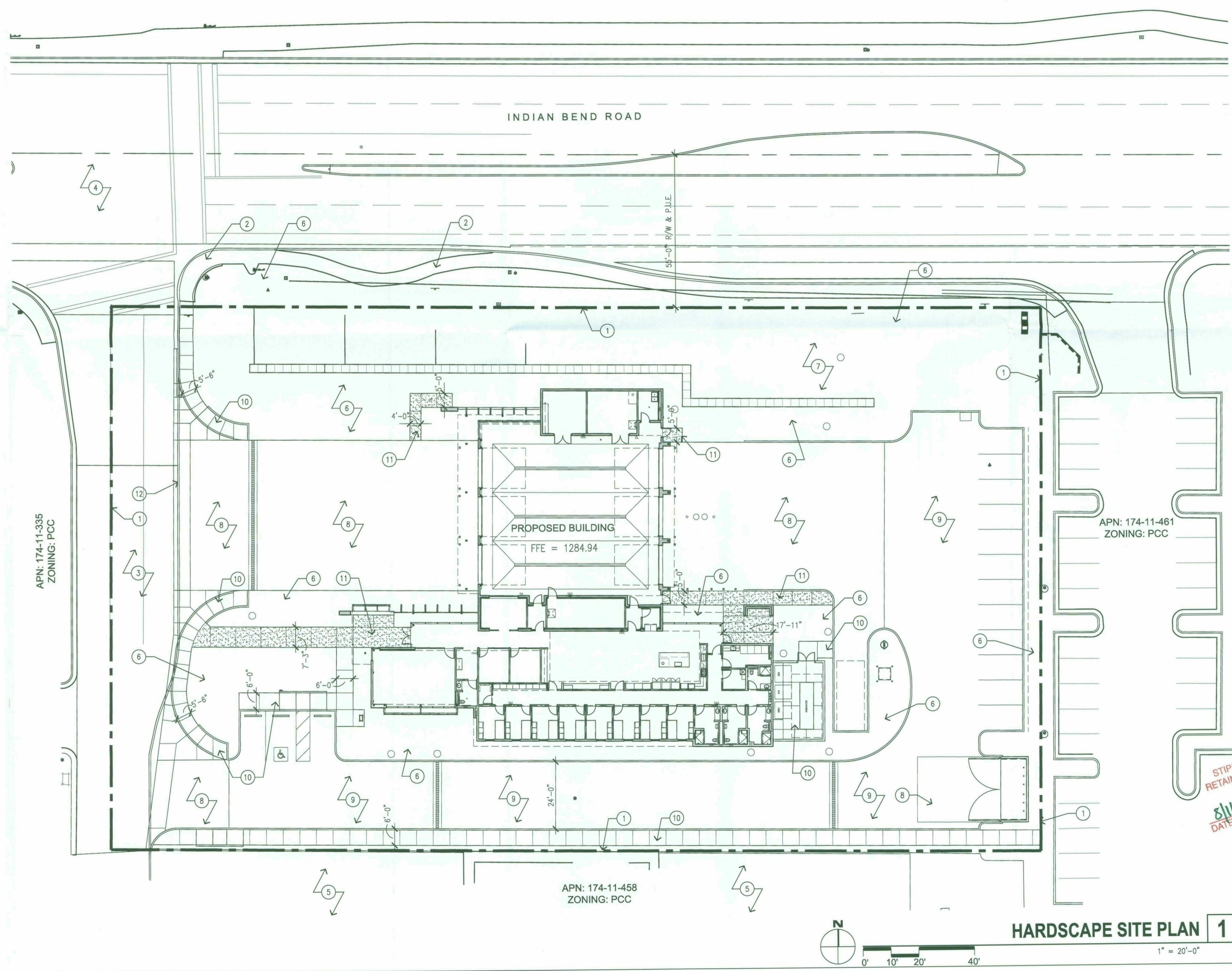
REVISION	DATE
1-1JP-2018 & 4.04.18	
2-DR-2018	
1st Review Comments	

FA Project No.: 1701
 Date: 20 december 2017

hardscape site plan

DR1.4
 development review board (DRB)

- KEYNOTES**
- 1 PROPERTY LINE
 - 2 EXISTING SIDEWALK
 - 3 EXISTING PRIVATE DRIVE
 - 4 EXISTING TRAFFIC-LIGHTED INTERSECTION
 - 5 EXISTING BUILDING
 - 6 LANDSCAPE AREA
 - 7 RETENTION
 - 8 STANDARD GREY CONCRETE PAVEMENT
 - 9 ASPHALT PAVEMENT
 - 10 STANDARD GREY CONCRETE W/ LIGHT BROOM FINISH
 - 11 INTEGRAL COLOR, EXPOSED AGGREGATE CONCRETE (DAVIS COLOR: ADOBE 61078) OR EQUAL.
 - 12 EXISTING CURB TO BE REMOVED

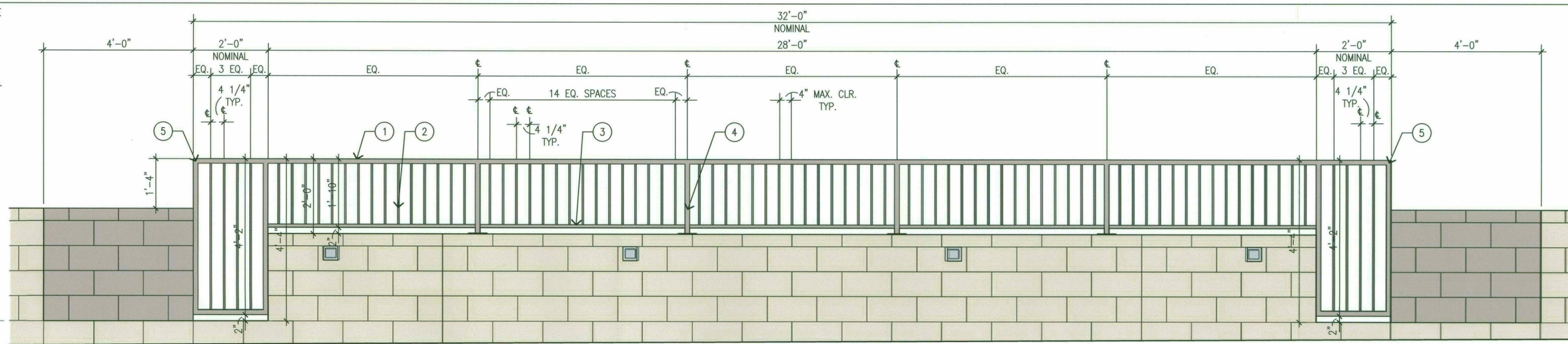


HARDSCAPE SITE PLAN 1

STIPULATION SET
 RETAIN FOR RECORDS
 APPROVED
 DATE: 04/11/18
 INITIALS: KP

2-DR-2018
 04/11/18

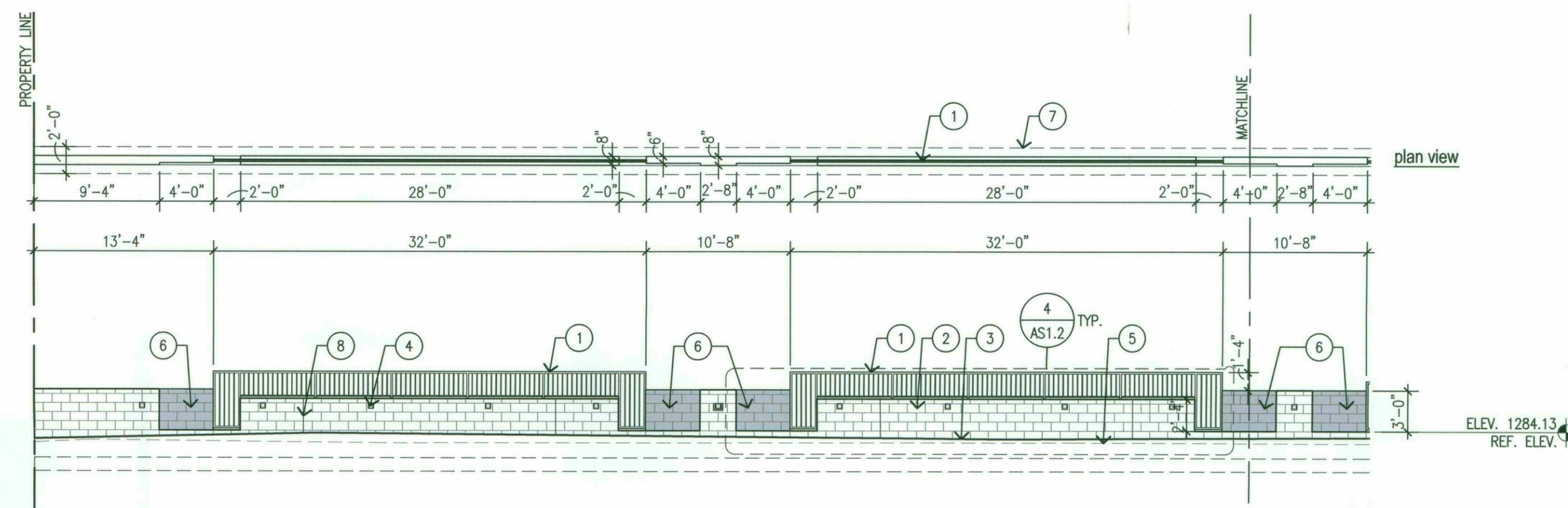
1. 1 1/2" X 1 1/2" X 16 GA. SQUARE STEEL TUBING, PAINTED
2. 1/2" X 1/2" X 16 GA. SQUARE PICKET, TYP.
3. 1" X 1" X 16 GA. SQUARE STEEL TUBING, PAINTED
4. POST - 1 1/2" X 1 1/2" X 16 GA. SQUARE STEEL TUBING, PAINTED
5. MITER CORNER, WELD & GRIND SMOOTH



ENLARGED ELEVATION @ FENCING 4

1/2" = 1'-0"

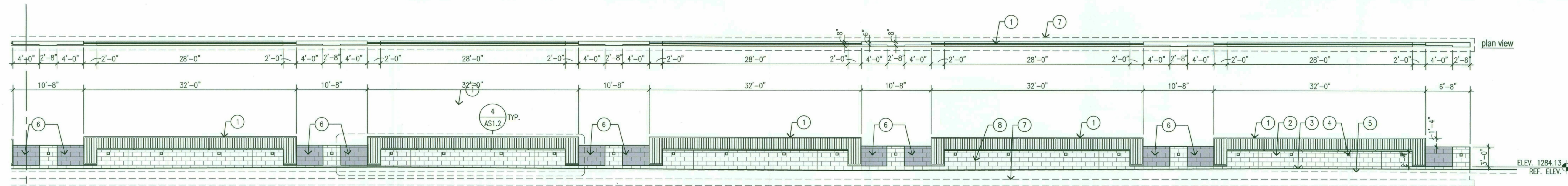
1. STEEL FENCING, PAINTED - DUNN EDWARD DE6061 RIVER ROCKS OR EQ., SEMI-GLOSS FIN.
2. 8 X 8 X 16 NORMAL WT. C.M.U. (COLOR: GRAY), RUNNING BOND, PAINTED ALL SURFACES EXPOSED TO PUBLIC VIEW (NORTH, TOP, SOUTH, & ENDS AS OCCURS) - COLOR: DUNN EDWARDS DE6207, EGYPTIAN SAND OR EQ., FLAT FIN.
3. TOP OF CONC. SIDEWALK AS OCCURS
4. RECESSED STEP LIGHT, REF. ELEC. DWGS.
5. APPROXIMATE LINE OF FIN. GRADE OPPOSITE SIDE OF WALL
6. 6 X 8 X 16 NORMAL WT. C.M.U. (COLOR: GRAY), RUNNING BOND, PAINTED ALL SURFACES EXPOSED TO PUBLIC VIEW (NORTH, TOP, SOUTH, & ENDS AS OCCURS) - COLOR: DUNN EDWARD DE6061 RIVER ROCKS OR EQ., FLAT FIN.
7. LINE OF CONC. FTG., REF. STRUCT. DWGS.
8. C.M.U. CONTROL JOINT, REF. STRUCT. DWGS.



FENCE WALL - PARTIAL PLAN & NORTH ELEVATION 3

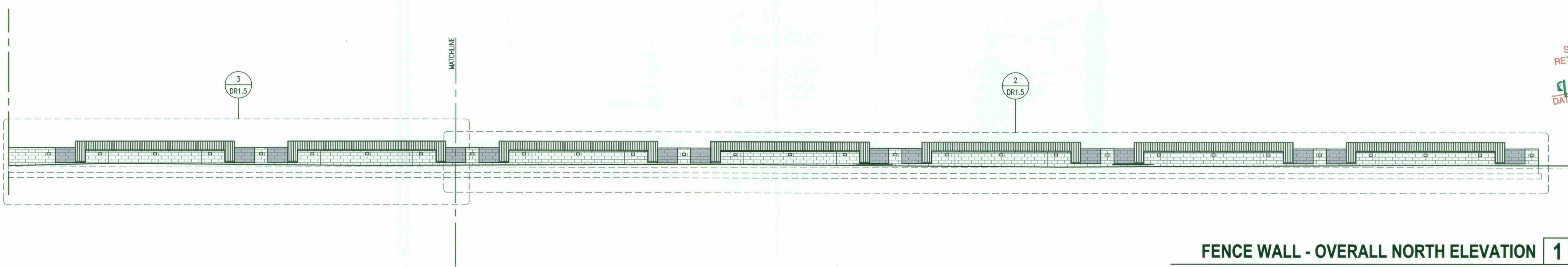
1/8" = 1'-0"

1. STEEL FENCING, PAINTED - DUNN EDWARD DE6061 RIVER ROCKS OR EQ., SEMI-GLOSS FIN.
2. 8 X 8 X 16 NORMAL WT. C.M.U. (COLOR: GRAY), RUNNING BOND, PAINTED ALL SURFACES EXPOSED TO PUBLIC VIEW (NORTH, TOP, SOUTH, & ENDS AS OCCURS) - COLOR: DUNN EDWARDS DE6207, EGYPTIAN SAND OR EQ., FLAT FIN.
3. TOP OF CONC. SIDEWALK AS OCCURS
4. RECESSED STEP LIGHT, REF. ELEC. DWGS.
5. APPROXIMATE LINE OF FIN. GRADE OPPOSITE SIDE OF WALL
6. 6 X 8 X 16 NORMAL WT. C.M.U. (COLOR: GRAY), RUNNING BOND, PAINTED ALL SURFACES EXPOSED TO PUBLIC VIEW (NORTH, TOP, SOUTH, & ENDS AS OCCURS) - COLOR: DUNN EDWARD DE6061 RIVER ROCKS OR EQ., FLAT FIN.
7. LINE OF CONC. FTG., REF. STRUCT. DWGS.
8. C.M.U. CONTROL JOINT, REF. STRUCT. DWGS.



FENCE WALL - PARTIAL PLAN & NORTH ELEVATION 2

1/8" = 1'-0"



FENCE WALL - OVERALL NORTH ELEVATION 1

3/32" = 1'-0"



REVISION	DATE
1	1-UP-2018 & 4.04.18
2-DR-2018	1st Review Comments
2-DR-2018	6.28.18
2nd Review	Comments

STIPULATION SET
RETAIN FOR RECORDS
APPROVED
DATE INITIALS

FA Project No.: 1701
Date: 20 december 2017

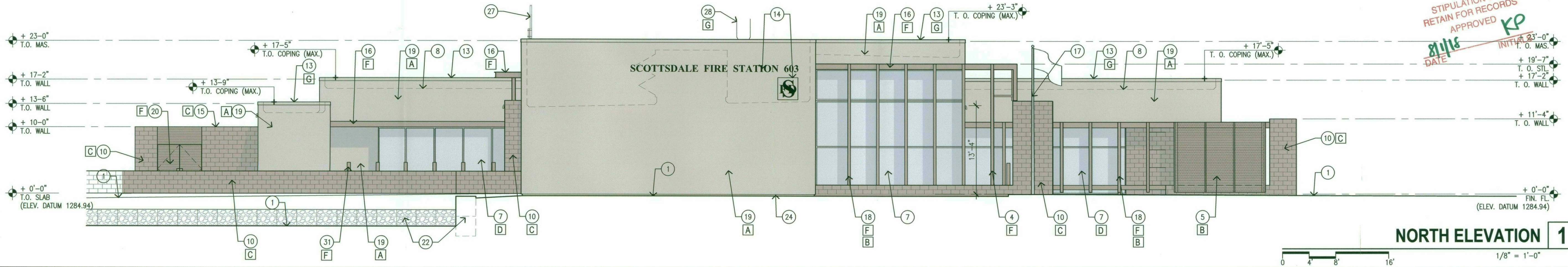
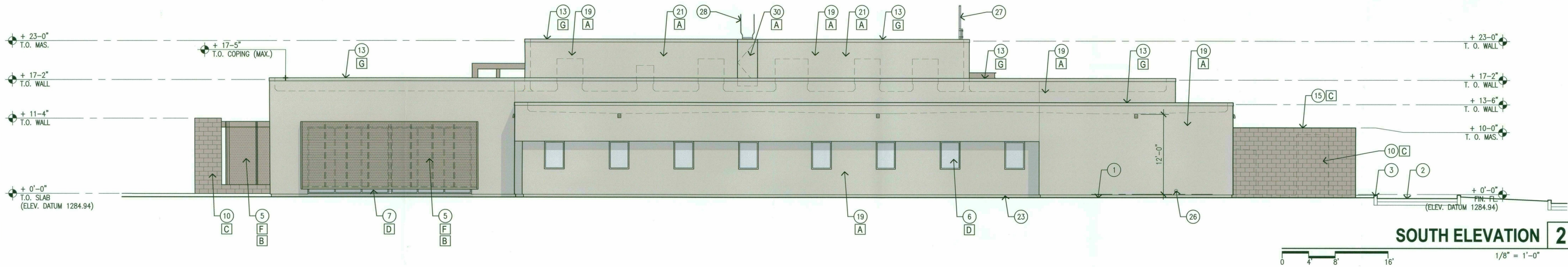
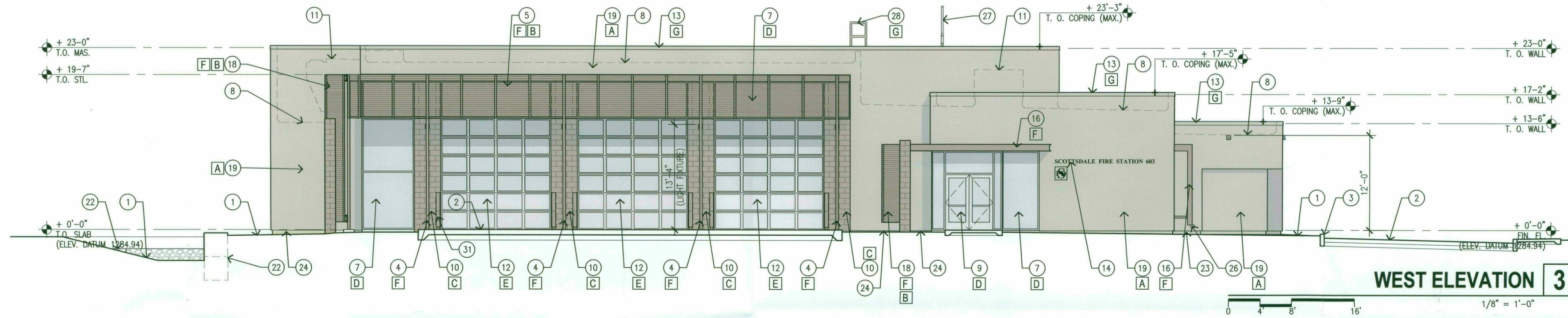
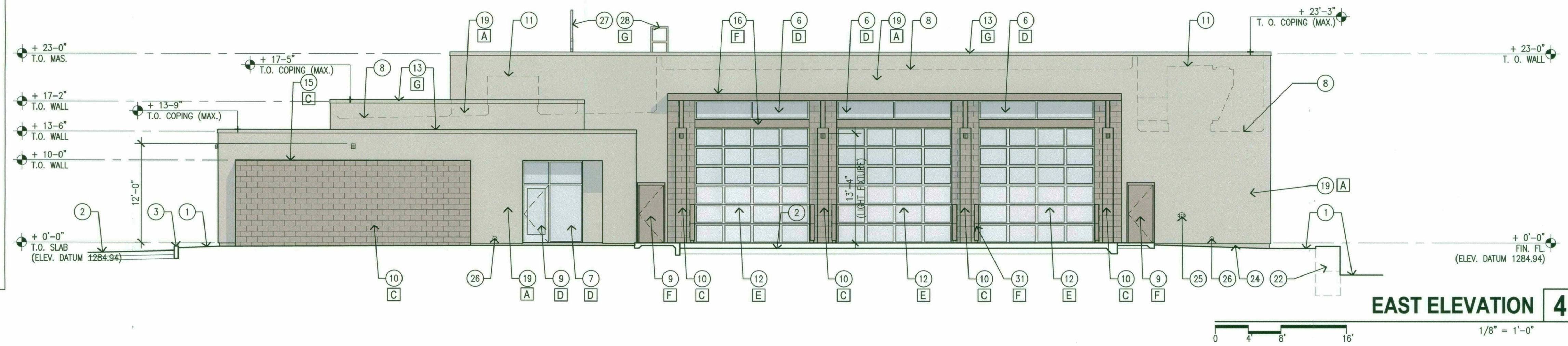
site details

2-DR-2018
07/05/18

DR1.5

development review board
(DRB)

- EXTERIOR FINISH LEGEND**
- A EXTERIOR INSULATION & FINISH SYSTEM (E.I.F.S.): DRYVIT, OUTSULATION PLUS MD SYSTEM, COLOR: SUEDE W/ SANDBLAST NTX FIN. OR EQ.
 - B 3/4" PERFORATED CORRUGATED ALUM. W/ 23% OPEN AREA (CENTRIA ECONOLAP, COLOR: SONOMA RED, FLUROPON FIN. OR EQ.)
 - C 8 X 8 X 16 NORMAL WEIGHT C.M.U., RUNNING BOND, W/ CLEAR SEALER (SUPERLITE, TRENDSTONE, COLOR: HOPI SANDSTONE OR EQ.)
 - D CLEAR ANODIZED ALUM. STOREFRONT W/ 1" LOW-E, CLEAR INSULATED GLAZING (GUARDIAN GLASS, SHX 62/27 - SHGC .27 / VLT 62% OR EQ.)
 - E CLEAR ANODIZED ALUM. GARAGE DOOR W/ CLEAR INSULATED GLAZING W/ 1/2" INSULATED CLEAR GLAZING (OVERHEAD DOOR MODEL #521 OR EQ.)
 - F ALL EXTERIOR PAINTED STEEL (COLUMNS, BEAMS, HOLLOW METAL DOORS & FRAMES, & GATES) TO BE SEMI-GLOSS, DUNN EDWARDS DE6061 RIVER ROCKS OR EQ.
 - G EXTERIOR PAINT: SEMI-GLOSS DUNN EDWARDS DET627 PEWTER PATTERN OR EQ.



- KEYNOTES**
- 1 FIN. GRADE, REF. CIVL DWGS.
 - 2 PAVEMENT, REF. CIVL DWGS.
 - 3 CONC. CURB, REF. CIVL DWGS.
 - 4 STEEL COL., PAINTED, REF. STRUCT. DWGS.
 - 5 3/4" PERFORATED CORRUGATED ALUM. W/ 23% OPEN AREA (CENTRIA ECONOLAP, COLOR: SONOMA RED, FLUROPON FIN. OR EQ.)
 - 6 2 X 4-1/2" CLEAR ANODIZED ALUM. STOREFRONT W/ 1" LOW-E, CLEAR INSULATED GLAZING
 - 7 2 X 6" CLEAR ANODIZED ALUM. STOREFRONT W/ 1" LOW-E, CLEAR INSULATED GLAZING
 - 8 LINE OF ROOF LEVEL BEYOND PARAPET
 - 9 DOOR, REF. SCHEDULE
 - 10 8 X 8 X 16 NORMAL WEIGHT C.M.U., RUNNING BOND, W/ CLEAR SEALER (SUPERLITE, TRENDSTONE, COLOR: HOPI SANDSTONE)
 - 11 LINE OF ROOFTOP HVAC UNIT BEHIND PARAPET
 - 12 CLEAR ANODIZED ALUMINUM OVERHEAD DOOR
 - 13 METAL PARAPET COPING PAINTED TO MATCH E.I.F.S.
 - 14 ILLUMINATED BACK-LIT SIGNAGE (CLEAR ANODIZED ALUMINUM)
 - 15 SOLID, SLOPED C.M.U. CAP BLOCK (COLOR SAME AS WALL)
 - 16 STEEL BEAM, PAINTED
 - 17 STAINLESS STEEL FLAG POLE
 - 18 VERTICAL LOUVER W/ 3/4" PERFORATED CORRUGATED ALUM. W/ 23% OPEN AREA (CENTRIA ECONOLAP, COLOR: SONOMA RED, FLUROPON FIN. OR EQ.) WITHIN PAINTED STEEL FRAME
 - 19 E.I.F.S. (DRYVIT, OUTSULATION PLUS MD SYSTEM, COLOR: SUEDE W/ SANDBLAST NTX FIN. OR EQ.)
 - 20 STEEL GATE W/ 1-1/2" SOLID CORRUGATED METAL DECKING, PAINTED
 - 21 MECHANICAL SCREEN: E.I.F.S. (DRYVIT, OUTSULATION PLUS MD SYSTEM, COLOR: SUEDE W/ SANDBLAST NTX FIN. OR EQ.)
 - 22 GABION RETAINING WALL, REF. CIVL DWGS.
 - 23 EXPOSED CONC. STEM WALL
 - 24 EXPOSED C.M.U. STEM (8 X 8 X 16 NORMAL WEIGHT C.M.U., RUNNING BOND, W/ CLEAR SEALER (SUPERLITE, TRENDSTONE, COLOR: HOPI SANDSTONE)
 - 25 WALL-MOUNTED FIRE DEPARTMENT CONNECTION
 - 26 ROOF OVERFLOW DRAIN NOZZLE
 - 27 RADIO ALERTING SYSTEM ANTENNA
 - 28 ROOF ACCESS PARAPET LADDER, PAINTED TO MATCH E.I.F.S.
 - 29 LIGHT FIXTURE, REF. ELEC. DWGS.
 - 30 MECHANICAL SCREEN ACCESS GATE W/ E.I.F.S. FIN. TO MATCH WALL
 - 31 STEEL PLATE BOLLARD, PAINTED

- GENERAL FINISH NOTES**
1. REFER TO COLOR MATERIAL SAMPLE BOARD FOR ACTUAL FINISHES AS COLOR DEPICTIONS ILLUSTRATED MAY VARY SLIGHTLY DUE TO LIMITATIONS OF COLOR PRINTER CALIBRATION.
 2. FOR BUILDING HEIGHT CONFORMANCE, THE ELEVATION DATUM 12" ABOVE THE AVERAGE ELEVATION AT THE TOP OF CURB OF THE PRIMARY ADJACENT STREET (INDIAN BEND ROAD) IS APPROXIMATELY 1285.59. NOTE THAT ALL ELEVATIONS ARE TAKEN ABOVE TOP OF SLAB AND THE ELEVATION DATUM INDICATED.

STIPULATION SET
RETAIN FOR RECORDS
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DATE
INITIALS

FUCELLO ARCHITECTS
1 480-947-2960
1 480-947-2960
7625 e. camelback road, suite 204
scottsdale, arizona 85251

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SCOTTSDALE FIRE STATION #603
8191 E. Indian Bend Road
Scottsdale, Arizona 85250

REVISION	DATE
1-UP-2018 & 2-DR-2018	4.04.18
1st Review Comments	
2-DR-2018	6.28.18
2nd Review Comments	

FA Project No.: 1701
Date: 20 december 2017

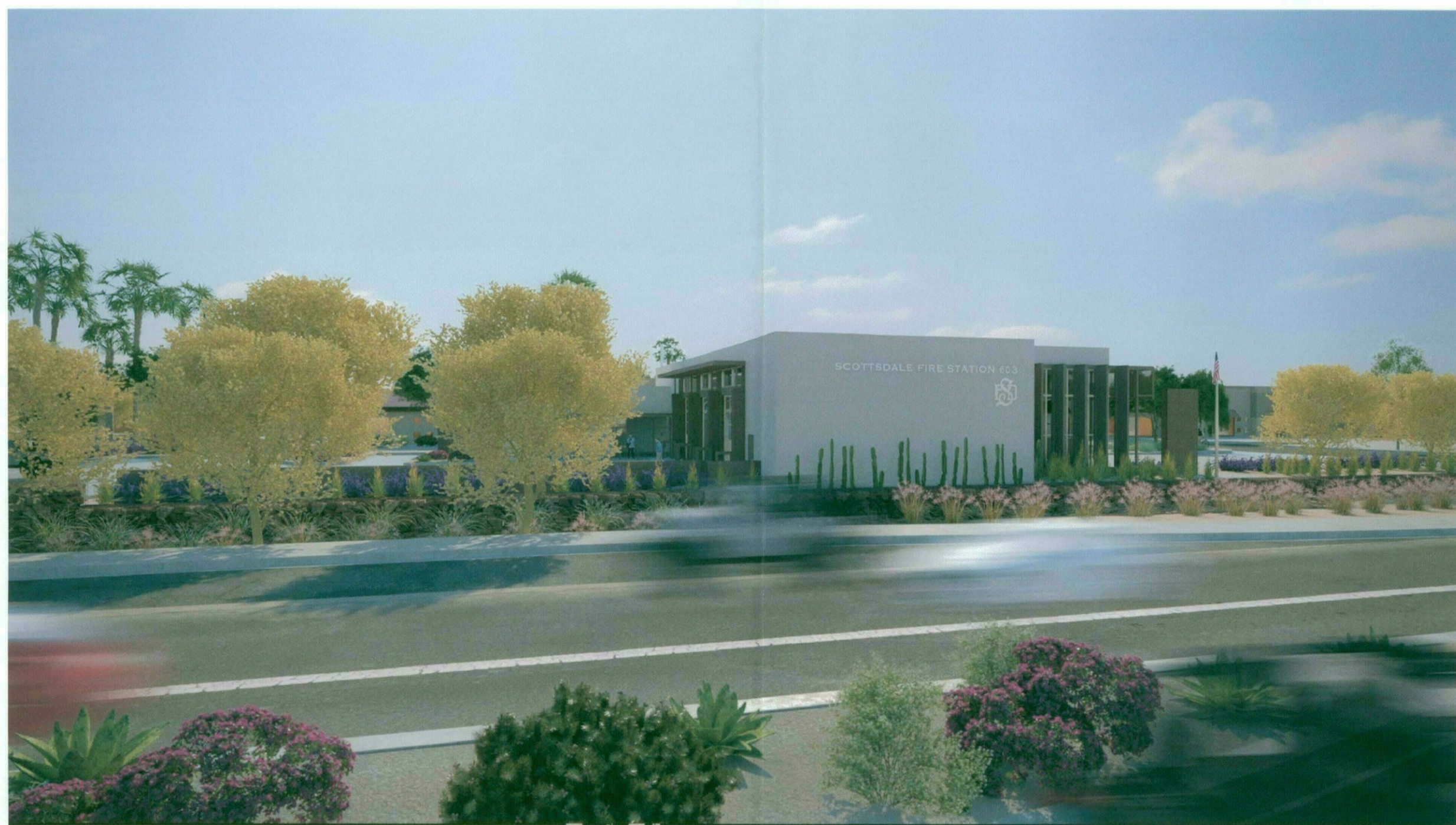
building elevations
2-DR-2018 07/05/18
DR2.0
development review board (DRB)



VIEW FROM NORTH **4**
NO SCALE



VIEW FROM WEST **2**
NO SCALE



VIEW FROM NORTHEAST **3**
NO SCALE



VIEW FROM NORTHWEST **1**
NO SCALE

FUCELLO ARCHITECTS
1 480.947.2960
1 480.947.2964
1 480.947.2964
7525 E. Campbell, Phoenix, Arizona 85051

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8191 E. Indian Bend Road
Scottsdale, Arizona 85250

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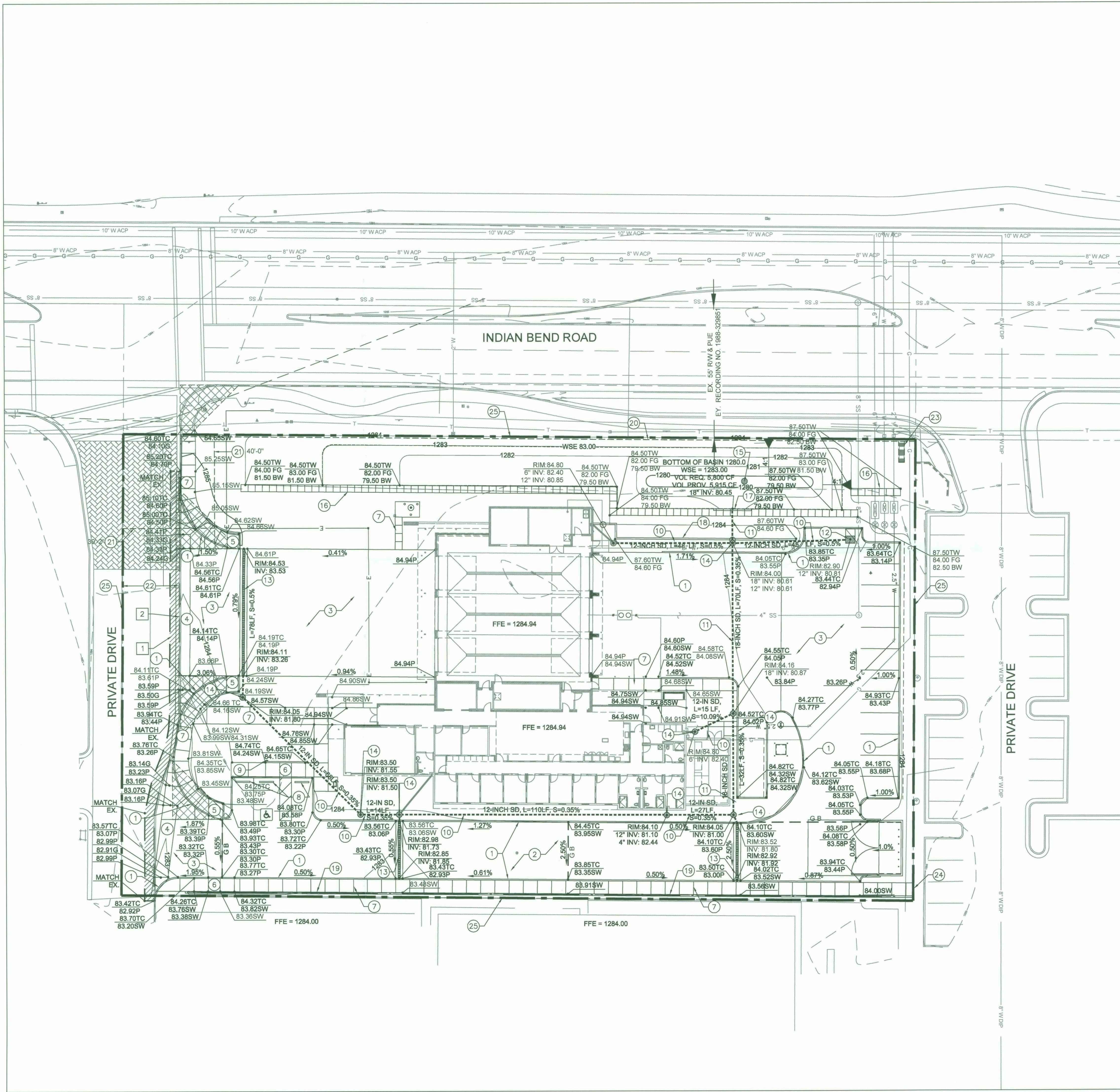
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FA Project No.: 1701
Date: 20 december 2017

perspective
elevations

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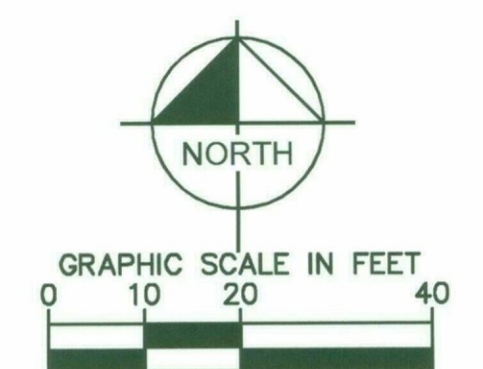
REMOVE & REPLACEMENT KEY NOTES

- 1 SAWCUT, REMOVE AND REPLACE PAVEMENT AS PER CITY OF SCOTTSDALE STANDARD PAVEMENT REPLACEMENT DETAIL 2200. 85 SY
- 2 SAWCUT AND REMOVE CONCRETE CURB, TYP. 185 LF

CONSTRUCTION KEY NOTES

- 1 CONSTRUCT 6" VERTICAL CONCRETE CURB AS PER MAG STD. DTL. 222 TYPE 'A'. 1,214 LF
- 2 CONSTRUCT AC PAVEMENT SECTION AS PER APPROVED GEOTECHNICAL REPORT. AC PAVEMENT SECTION 3-INCHES OVER 8-INCHES AB ON 95% COMPACTED SUB-GRADE. 655 SY
- 3 CONSTRUCT CONCRETE PAVEMENT SECTION AS PER APPROVED GEOTECHNICAL REPORT. CONCRETE PAVEMENT SECTION 8-INCHES WITH 6X6 W1 4XW1.4 OVER 8" PREPARED SUB-GRADEOVER 95% COMPACTED SUB-GRADE. 19,145 SF
- 4 CONSTRUCT 6 FT WIDE CONCRETE VALLEY GUTTER & APRON AS PER CITY OF SCOTTSDALE STANDARD DETAIL 2240. 2 EA
- 5 CONSTRUCT DIRECTIONAL SIDEWALK RAMP AS PER CITY OF SCOTTSDALE STANDARD DETAIL 2233-2. WITH DETECTABLE WARNING SURFACE AS PER CITY OF SCOTTSDALE STANDARD DETAIL 2231. 3 EA
- 6 CONSTRUCT MID-BLOCK SIDEWALK RAMP AS PER CITY OF SCOTTSDALE STANDARD DETAIL 2235-2. WITH DETECTABLE WARNING SURFACE AS PER CITY OF SCOTTSDALE STANDARD DETAIL 2231. 2 EA
- 7 CONSTRUCT CONCRETE SIDEWALK AS PER MAG STD DTL 230, 3,000 PSI, MAG 'A'. 2,450 SF
- 8 INSTALL CONCRETE PRECAST SAFETY CURB AS PER MAG STD. DTL 150, TYPE 'B-3' WITH REBAR CONNECTION, TYP. 3 EA
- 9 INSTALL ADA PARKING SIGNAGE AS PER CITY OF SCOTTSDALE STANDARD DETAIL 2124. INSTALL SIGN POST AS PER CITY OF SCOTTSDALE STANDARD DETAIL 2131. 1 EA
- 10 INSTALL 12-HDPE STORM DRAIN PIPE, WITH TRENCHING AND BEDDING AS PER CITY OF SCOTTSDALE STANDARD DETAIL 2201, TYP. 290 LF
- 11 INSTALL 18-HDPE STORM DRAIN PIPE, WITH TRENCHING AND BEDDING AS PER CITY OF SCOTTSDALE STANDARD DETAIL 2201, TYP. 290 LF
- 12 INSTALL CONCRETE CATCH BASIN AS PER MAG STD. DTL. 535, TYPE, F WITH GRATE AS PER CITY OF SCOTTSDALE STANDARD DETAIL 2535. 130 LF
- 13 INSTALL TRENCH DRAIN IN NEW 8-INCH THICK CONCRETE, 4,000 PSI, MAG 'AA'. TRENCH DRAIN TO BE ACO POWER DRAIN, 3300K OR APPROVED EQUAL WITH HEAVY DUTY IRON GRATE. 130 LF
- 14 INSTALL NYOPLAST CATCH BASIN WITH HEAVY DUTY IRON GATE. CONTRACTOR TO CONNECT ROOF DRAIN TO CATCH BASIN FOR ROOF DRAIN TRANSITION TO STORM DRAIN. 8 EA
- 15 INSTALL MAXWELL DUAL CHAMBER DRYWELL. 1 EA
- 16 CONSTRUCT GABION WALL. 290 LF
- 17 CONSTRUCT HEADWALL WITH TRASH RACK WITH GABION WALL. 1 EA
- 18 CONSTRUCT CMU SITE WALL. 94 LF
- 19 CONSTRUCT ARCHITECTURAL SITE WALL. SEE ARCHITECTURAL PLANS FOR LAYOUT AND DETAILS. 310 LF
- 20 1' VEHICULAR NON-ACCESS EASEMENT RECORDING NO. 2002-1072485
- 21 TRAFFIC SIGNAL EASEMENT, RECORDING NO. 2004-0629920
- 22 ACCESS EASEMENT, RECORDING NO. 2002-1072485
- 23 EX. SIGNAGE EASEMENT, RECORDING NO. 2017-669710
- 24 FOR CONTINUATION OF SIDEWALK REFERENCE PROPOSED DEVELOPMENT OF ADJACENT PROPERTY.
- 25 PROPERTY LINE

EARTHWORK
CUT 375 CY
FILL 345 CY
NET FILL 35 CY



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KP INITIALS

FUCELLO ARCHITECTS
 1 480.947.2960
 f 480.947.2964
 7525 e camelback road, suite 6024
 scottsdale, arizona 85251

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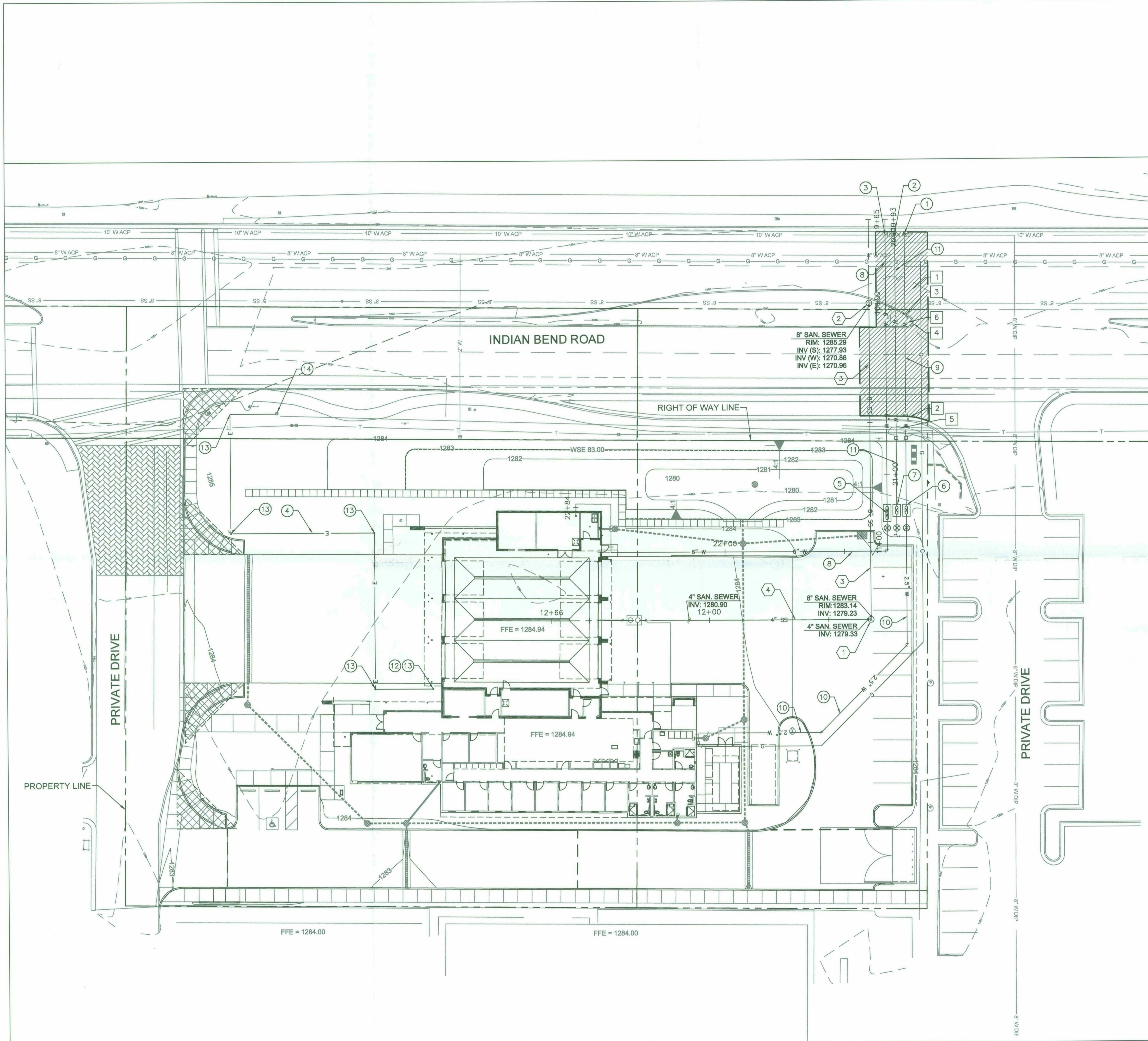
SCOTTSDALE FIRE STATION #603
 8191 E. Indian Bend Road
 Scottsdale, Arizona 85250

REVISION	DATE
1	1-UP-2018 & 4.04.18 2-DR-2018 1st Review Comments
2	2-DR-2018 6.28.18 2nd Review Comments

FA Project No.: 1701
Date: 20 december 2017

grading & drainage plan
C1.0
development review board (DRB)

2-DR-2018
07/05/18



REMOVE & REPLACEMENT KEY NOTES QTY

- 1 SAWCUT, REMOVE AND REPLACE PAVEMENT AS PER CITY OF SCOTTSDALE STANDARD PAVEMENT REPLACEMENT DETAIL 2200. 215 SY
- 2 SAWCUT, REMOVE AND REPLACE CONCRETE CURB & GUTTER AS PER MAG STANDARD DETAIL 220-1, TYPE 'A'. 30 LF
- 3 SAWCUT, REMOVE AND REPLACE CONCRETE CURB AS PER MAG STANDARD DETAIL 222, TYPE 'A'. 36 LF
- 4 SAWCUT AND REMOVE CONCRETE CURB, TYP. 0 LF
- 5 SAWCUT AND REMOVE EXISTING SIDEWALK TO NEAREST JOINT FOR FULL PANEL REMOVAL AND REPLACE AS PER MAG STD. DTL. 230, 4-INCH THICK. 170 SF
- 6 CONSTRUCT MEDIUM CURB AND NOSE AS PER CITY OF SCOTTSDALE STANDARD DETAIL 2226. 1 EA

WATER KEY NOTES

- 1 INSTALL 2-INCH WATER SERVICE LINE AS PER CITY OF SCOTTSDALE STANDARD DETAIL 2330. 90 LF
- 2 INSTALL 1-1/2-INCH WATER SERVICE LINE AS PER CITY OF SCOTTSDALE STANDARD DETAIL 2330. 90 LF
- 3 INSTALL 6-INCH FIRE LINE CONNECTION AS PER CITY OF SCOTTSDALE STANDARD DETAIL 2362-2. 1 EA
- 4 INSTALL 2-INCH ELECTRICAL CONDUIT FOR CONNECTION WITH EXISTING SIGNAL CONTROLLER AT SWC OF SIGNAL INTERSECTION 220 LF
- 5 INSTALL 6-INCH REDUCED PRESSURE PRINCIPAL BACKFLOW PREVENTION ASSEMBLY AS PER CITY OF SCOTTSDALE DETAIL 2353. 1 EA
- 6 INSTALL 2-INCH REDUCED PRESSURE PRINCIPAL BACKFLOW PREVENTION ASSEMBLY AS PER CITY OF SCOTTSDALE DETAIL 2354 WITH GUARDSHACK LOCKABLE ENCLOSURE OR APPROVED EQUAL WITH 4-INCH THICK CONCRETE SLAB. BUILDING DOMESTIC WATER. 1 EA
- 7 INSTALL 1-1/2-INCH REDUCED PRESSURE PRINCIPAL BACKFLOW PREVENTION ASSEMBLY AS PER CITY OF SCOTTSDALE DETAIL 2354 WITH GUARDSHACK LOCKABLE ENCLOSURE OR APPROVED EQUAL WITH 4-INCH THICK CONCRETE SLAB. IRRIGATION POINT OF CONNECTION. 1 EA
- 8 INSTALL 6-INCH DIP, CLASS 350 WATER LINE WITH POLYWRAP AND RESTRAINED JOINTS AS PER MAG STD. DTL. 303-1 & 303-2. TRENCH AND BACKFILL AS PER CITY OF SCOTTSDALE STANDARD DETAIL 2201, TYP. 1 EA
- 9 INSTALL 2-INCH SCH. 40 WATER LINE. TRENCH AND BACKFILL AS PER CITY OF SCOTTSDALE STANDARD DETAIL 2201, TYP. 113 LF
- 10 INSTALL 2 1/2-INCH SCH. 40 WATER LINE. TRENCH AND BACKFILL AS PER CITY OF SCOTTSDALE STANDARD DETAIL 2201, TYP. 153 LF
- 11 INSTALL 1-1/2-INCH SCH. 40 WATER LINE. TRENCH AND BACKFILL AS PER CITY OF SCOTTSDALE STANDARD DETAIL 2201, TYP. 155 LF
- 12 INSTALL ELECTRICAL PULL BOX, TYP. 5 EA
- 13 SEE ELECTRICAL PLANS FOR CONTINUATION TO BUILDING. 1 EA
- 14 CONTRACTOR TO CONTINUE ELECTRICAL WITHIN SIGNAL RACEWAY TO CONNECT INTO SIGNAL CABINET LOCATED ON SOUTHWEST CORNER OF INTERSECTION. TIE INTO EXISTING ELECTRICAL BOX. 1 EA

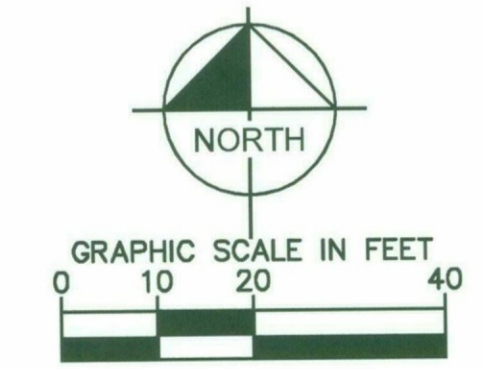
SEWER KEY NOTES

- 1 CONSTRUCT SANITARY SEWER MANHOLE AS PER MAG STD DTL 420-1 WITH FRAME AND COVER AS PER CITY OF SCOTTSDALE STANDARD DETAIL 2421. 1 EA
- 2 CONTRACTOR TO TAP EXISTING 8-INCH SEWER LINE AND INSTALL CONCRETE SANITARY SEWER MANHOLE AS PER MAG STD DTL 420-1 WITH SANITARY SEWER DROP CONNECTION AS PER MAG STD DTL 426, TYPE 'B'. FRAME AND COVER TO BE AS PER CITY OF SCOTTSDALE STANDARD DETAIL 2421. 1 EA
- 3 INSTALL 8-INCH SANITARY SEWER LINE WITH TRENCH AND BACKFILL AS PER CITY OF SCOTTSDALE STANDARD DETAIL 2201, TYP. 135 LF
- 4 INSTALL 4-INCH SANITARY SEWER LINE WITH TRENCH AND BACKFILL AS PER CITY OF SCOTTSDALE STANDARD DETAIL 2201, TYP. 75 LF

NOTE:
ALL QUANTITIES HAVE BEEN PROVIDED FOR ENGINEERING PURPOSES ONLY AND IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONDUCT THEIR OWN TAKE OFFS WHEN BIDDING THE CONSTRUCTION DOCUMENTS.

CONTRACTOR TO INSTALL ELECTRIC BALL MARKERS AS PER THE CITY OF SCOTTSDALE STANDARD DETAIL 2397 ON ALL WATER AND SEWER LINE INSTALLATION.

SANITARY SEWER SEPARATION / PROTECTION FROM WATER UTILITIES AS PER CITY OF SCOTTSDALE STANDARD DETAIL 2401.



FUCELLO ARCHITECTS
 1 480.947.2950
 1 480.947.2954
 7526 e camelback road
 scottsdale, arizona 85251

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SCOTTSDALE FIRE STATION #603
 8191 E. Indian Bend Road
 Scottsdale, Arizona 85250

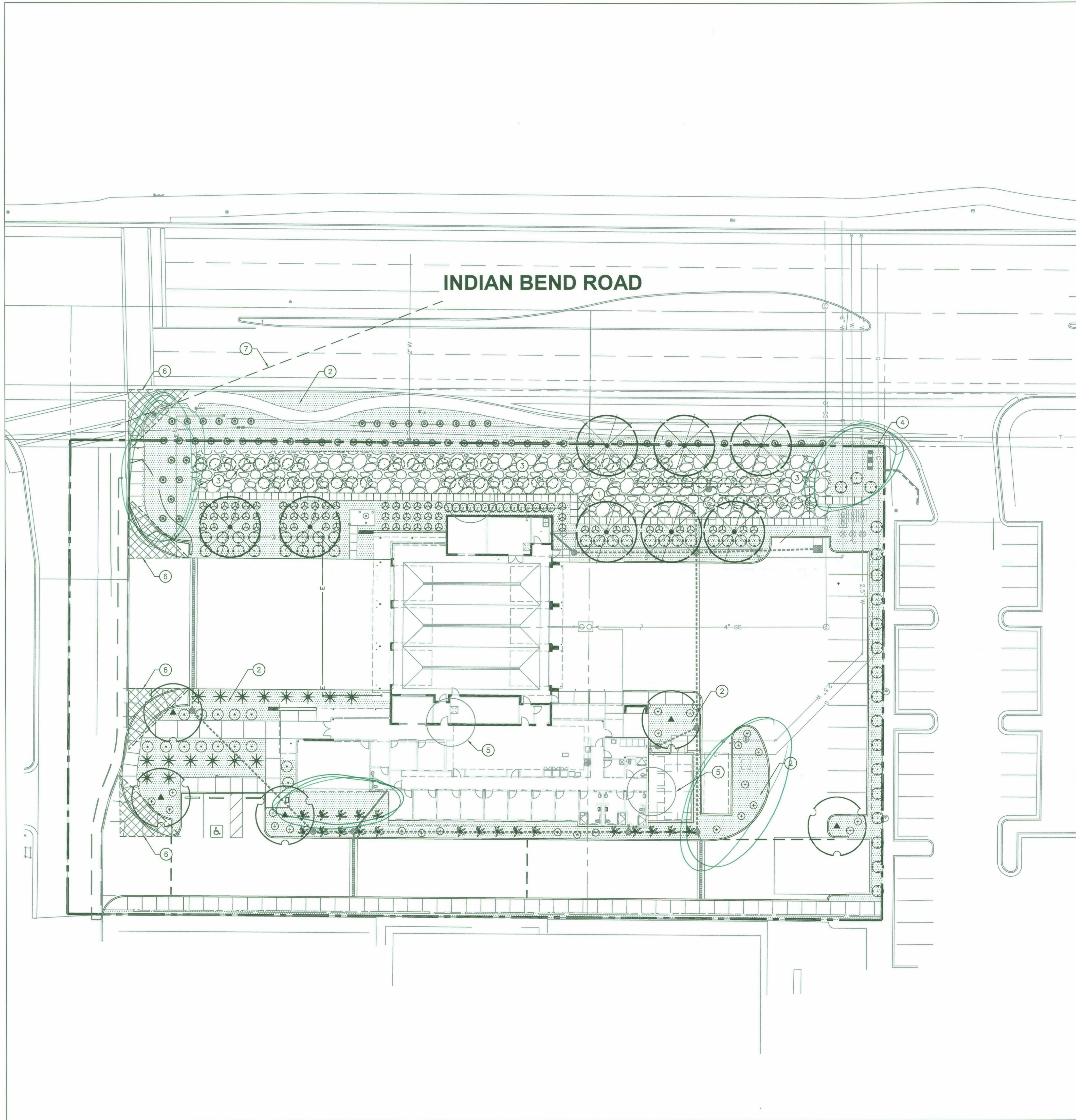
REVISION	DATE
1-UP-2018 & 2-DR-2018	4.04.18
1st Review Comments	

FA Project No.: 1701
Date: 20 december 2017

water & sewer
plan

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2-DR-2018
04/11/18



PLANTING SCHEDULE

TREES			
	BOTANICAL NAME / COMMON NAME	SIZE	QTY
	Parkinsonia x 'Desert Museum' Desert Museum Palo Verde (Upright)	3" Cal., 14' Ht., 10' Width Min.	8
	Prosopid hybrid 'Phoenix' Hybrid Mesquite	2" Cal., 11' Ht., 7' Width Min.	5

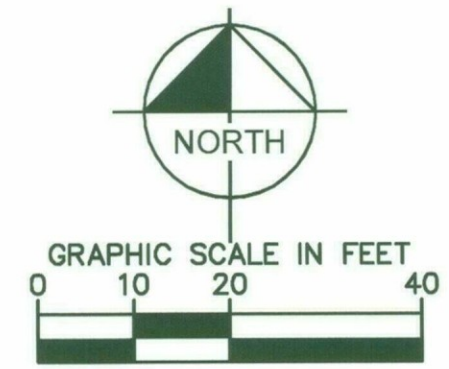
SHRUBS, ACCENTS & GRASSES			
	BOTANICAL NAME / COMMON NAME	SIZE	QTY
	Stenocereus marginatus Mexican Fence Post	5 Gal.	15
	Aloe barbadensis Medicinal Aloe	5 Gal.	65
	Leucophyllum laevigatum Chihuahuan Sage	5 Gal.	47
	Muhlenbergia lindheimeri 'Autumn Glow' Big Muhly	5 Gal.	56
	Muhlenbergia capillaris 'Regal Mist' Gulf Muhly	5 Gal.	58
	Dasyliirion wheeleri Desert Spoon	5 Gal.	16
	Dalea frutescens 'Sierra Negra' Black Dalea	5 Gal.	14
	Agave desmettiana Octopus Agave	5 Gal.	20
	Lantana montevidensis Purple Trailing Lantana	5 Gal.	24

MATERIALS		
	DESCRIPTION	QTY
	Decomposed Granite 3/4" Screened, 2" Depth Min., Color: Painted Desert or Approved Equal	15,025 SF
	Rock Mulch 3"-5" Rock Mulch, 4" Depth Min. Color: Painted Desert or Approved Equal	5,713 SF

CONSTRUCTION KEY NOTES

- 1 CMU WALL, REFERENCE SITE DETAILS
- 2 DECOMPOSED GRANITE, TYP., INSTALL PER COS STD. DETAIL NO. 2620-1
- 3 ROCK MULCH, TYP., REFERENCE LANDSCAPE SCHEDULE ABOVE
- 4 PROPERTY LINE
- 5 EXISTING TREE TO BE REMOVED
- 6 TRAFFIC SAFETY TRIANGLE, TYP.
- 7 SIGHT DISTANCE LINE, TYP.

STIPULATION SET
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8/1/18
DATE INITIALS



2-DR-2018
07/05/18

FUCELLO ARCHITECTS
 480.947.2880
 400 North 2nd
 7525 e camelback, suite 204
 scottsdale, arizona 85251

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SCOTTSDALE FIRE STATION #603
 8191 E. Indian Bend Road
 Scottsdale, Arizona 85250

REVISION	DATE
1	1-UP-2018 & 4.04.18 2-DR-2018 1st Review Comments
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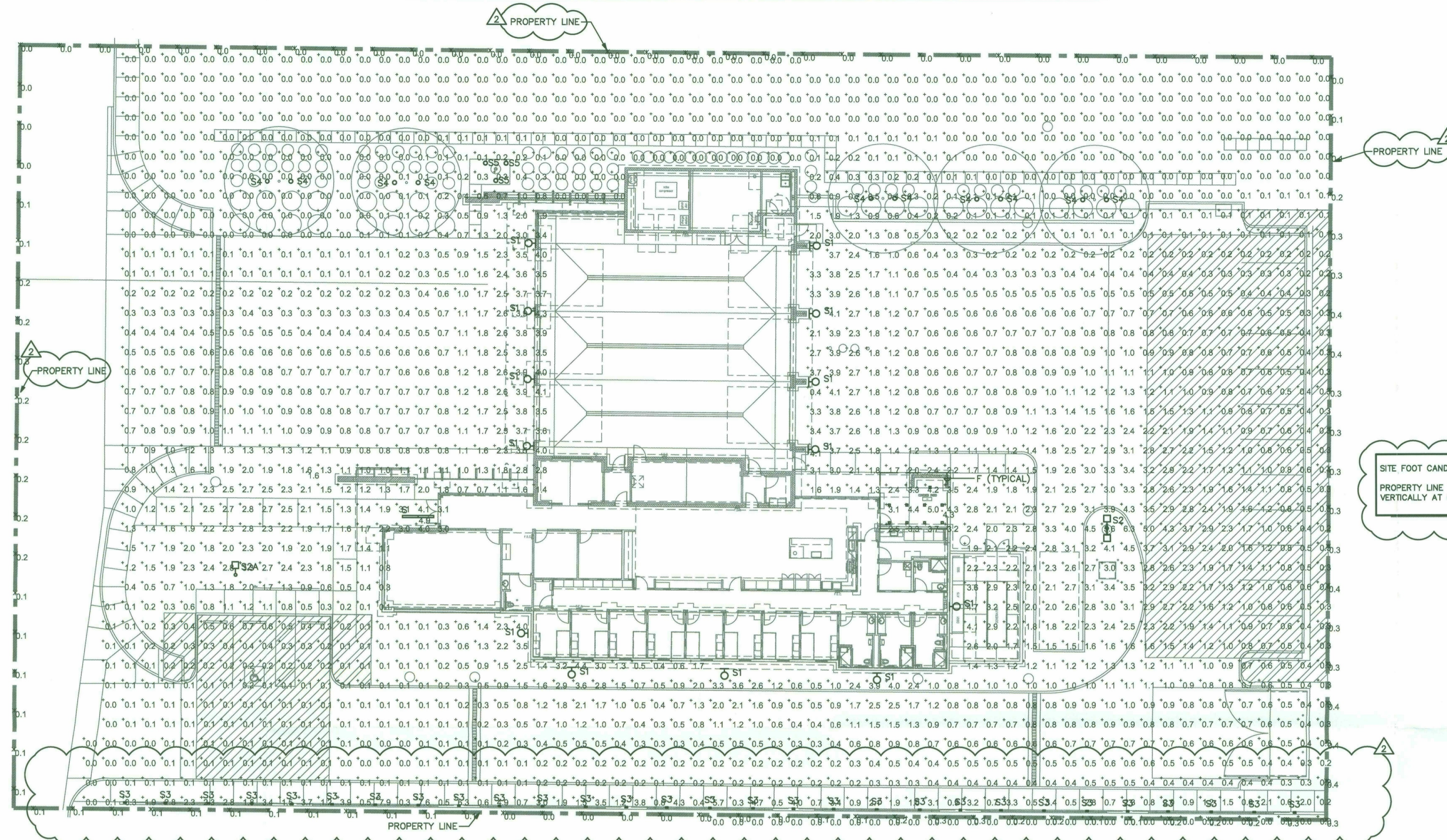
landscape
plan

L1.1
development review board
(DRB)

FILE: j:\2017\171049 COS Fire Station 603\DRB PACKAGE\E2_0.dwg

PLOTTED BY: Nathan.Short

PLOTTED: 07.02.2018 3:13pm



SITE FOOT CANDLE VALUES ARE CALCULATED HORIZONTALLY
PROPERTY LINE FOOT CANDLE VALUES ARE CALCULATED VERTICALLY AT 6' ABOVE FINISHED GRADE.

ELECTRICAL SITE PHOTOMETRY PLAN

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

LIGHT LOSS FACTOR OF 1.0 USED FOR VERTICAL CALCULATION
LIGHT LOSS FACTOR OF 0.7 USED FOR HORIZONTAL CALCULATION

SHEET NOTES

- THIS PROJECT IS LOCATED WITHIN A CITY OF SCOTTSDALE E-3 SUBURBAN AREA, AND IS DESIGNED TO MEET THE ILLUMINANCE RECOMMENDATION AND LIGHT TRESPASS LIMITATIONS OF 2 FOOT-CANDLE AVERAGE, 8 FOOT-CANDLE MAXIMUM, AND 0.8 FOOT-CANDLE VERTICAL MAXIMUM AT 6 FEET ABOVE GRADE AT PROPERTY LINE. REFER TO STATISTICS TABLE.
- HORIZONTAL PHOTOMETRIC PLAN UTILIZES SPACING OF 10' X 10' BETWEEN EACH POINT.
- THE PROPERTY LINE CALCULATION UTILIZES A VERTICAL LIGHT TRESPASS CALCULATION WITH SPACING OF 10' BETWEEN EACH POINT, AND AT A HEIGHT OF 6' ABOVE GRADE. SYMBOL AND VALUES ARE ON THE SAME PLAN AND UTILIZE A DISTINCTIVE SYMBOL.
- PHOTOMETRIC PLAN USES INITIAL ILLUMINANCE (NO MAINTENANCE/LIGHT LOSS FACTOR APPLIED).
- REFER TO STATISTICS TABLE FOR FOOT-CANDLE READING DIRECTLY UNDER EACH FIXTURE TYPE (NOT INCLUDING TYPE S4 LANDSCAPE UPLIGHT).
- TYPE S4 IS A LANDSCAPE LIGHT THAT IS AIMED IN AN UPWARD DIRECTION TO PROVIDE ILLUMINATION OF THE PALO VERDE AND MESQUITE TREES. LUMEN OUTPUT AND WATTAGE IS BELOW THE MAXIMUM ALLOWED.
- REFER TO STATISTICS TABLE FOR MAXIMUM, MINIMUM AND AVERAGE ILLUMINANCE OF EACH OF THE HORIZONTAL AND VERTICAL PHOTOMETRIC PLAN.
- ALL LIGHT FIXTURES ARE FULL CUT-OFF (NOT INCLUDING TYPE S4 LANDSCAPE UPLIGHT), AND UTILIZE EFFECTIVE MOUNTING HEIGHTS AND SHIELDING TO CONTROL GLARE AND LIGHT TRESPASS.

Symbol	Label	Quantity	Manufacturer	Catalog Number	Description	Lamp	Number Lamps	Filename	Lumens Per Lamp	Light Loss Factor	Wattage
[Symbol]	S1	9	EATON - LUMARK	XTOR2B-W BZ	WALL MOUNTED AREA LIGHT AT 13' 4"	4000K LED	1	XTOR2B-W.ies	2101.709	1	18.2
[Symbol]	S2	2	EATON - MCGRAW-EDISON	GLEON-AF-02-LED-E1-T4FT-BZ-HA-LCF / SSS 17.5' W/ 2.5' BASE	GALLEON AREA AND ROADWAY LUMINAIRE (2) 70 CRI, 4000K, 1050mA LIGHTSQUARES WITH 16 LEDS EACH AND TYPE IV FORWARD THROW OPTICS, MOUNTED @ 20' AFG	4000K LED 12,252 LUMENS	32	GLEON-AF-02-LED-E1-T4FT.ies	382.0918	1	226
[Symbol]	S4	S4 IS NOT INCLUDED IN PHOTOMETRY PLAN AS IT IS AIMED UPWARD (LANDSCAPE LIGHTING).									
[Symbol]	F	4	EATON - HALO	SMD4R6940WH	4" SURFACE DOWNLIGHT	4000K LED 760 LUMENS	28	SMD4R6940WH.ies	27.14276	1	9.8
[Symbol]	S	1	BIRCHWOOD	VAN LED 400 CLO-70 8" DR REC STND MW FW XX EB HAT	RECESSED WET LOCATION LINEAR	4000K LED 2,000 LUMENS	4	VAN-LED-400-HLO-30-4-MW-FW.ies	400	1	21.6
[Symbol]	S3	29	FC Lighting	FCSL541-120V-3K-190LM-BZ	LOUVERED STEP LIGHT, MOUNTED @ 2' AFG	4000K LED 190 LUMENS	190	FCSL541-120V-3K-190LM-BZ.ies	190	1	8.0
[Symbol]	S5	S5 IS NOT INCLUDED IN PHOTOMETRY PLAN AS IT IS AIMED UPWARD (FOR FLAG POLE LIGHTING).									

Symbol	Description	Avg	Max	Min	Max/Min	Avg/Min
+	F	4.3 fc	4.3 fc	4.3 fc	1.0:1	1.0:1
+	S	4.9 fc	4.9 fc	4.9 fc	1.0:1	1.0:1
+	S1	4.1 fc	4.1 fc	4.1 fc	1.0:1	1.0:1
+	S2	1.6 fc	1.6 fc	1.6 fc	1.0:1	1.0:1
+	S3	1.1 fc	1.1 fc	1.1 fc	1.0:1	1.0:1
+	S4	4.5 fc	4.5 fc	4.5 fc	1.0:1	1.0:1
+	SITE *	0.9 fc	7.9 fc	0.0 fc	N/A	N/A
X	Max Spill Property Line @ 6' AFG	0.1 fc	0.4 fc	0.0 fc	N/A	N/A

* Note site photometric does not take into account surrounding lighting and that a portion of site is retention area.

STIPULATION SET
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DATE: [Signature] INITIALS: [Signature]

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1 480.847.2980
1 480.847.2984
7525 e. camelback road, suite 204
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ELECTRICAL
PHOTOMETRY
PLAN

E2.0
development review board
(DRB)

ENERGY SYSTEMS DESIGN
7135 East Camelback Road
Suite 275
Scottsdale AZ 85251
P: 480.481.4800
Design Contact:
NATHAN SHORT
Project #
171049

2-DR-2018
07/05/18



Date: _____ Approved: _____
 Type: _____
 Fixture: _____
 Project: _____

FC5L541

Exterior Die-Cast Aluminum Steplight for Masonry Applications.



SERIES	VOLTAGE	SIZE	LED LUMENS	FINISH	ACCESSORIES
FC5L541	120V	277V	180	BK Black SZ Bronze GC Custom Color SL Silver WH White	880 Battery Backup, Remote (LED only)

SPECIFICATION

LUMINAIRE LUMENS ARE 180 PER PRODUCT CUTSHEET

- INSTALLATION**
- Concrete pour with PVC accessory (included).
 - Installation: <http://fcurl.com/hp996>
- CONSTRUCTION**
- Corrosion resistant, heavy walled, solid die-cast aluminum construction.
 - Lens is clear tempered glass.
 - Neoprene continuous closed cell urethane "O" ring gasket to seal out contaminants. Captive and recessed stainless steel, tamper resistant hex socket screws.
- LED**
- Lumens stated are the minimum delivered out of the luminaire. LED lifetime is greater than or equal to 70,000 hours with the lumen depreciation greater than 1.70. All of our luminaires are LM-80 tested and are > CRIB2, with a 4-step Macadam Ellipse color consistency. Integral power supply standard. Input voltage 120V or 277V standard.
 - Consult factory for dimming, and single color options.
- FINISH**
- Six stage chemical pre-treatment process that includes iron phosphate, to prepare the substrate for a UV stable, super durable standard polyester powder coat. 5-year limited warranty available.
- LISTING**
- UL, UL/ETL, U.S. and CA listed for interior and exterior wet locations. IP65 rating.

FC Lighting, Inc. reserves the right to change list details or specifications without notice. Product use certifies agreement to FC Lighting's terms and conditions.
 © 2017 FC Lighting, Inc. 3600 Swenson Ave., St. Charles, IL 60174. P: 800-480-1700 F: 800-480-8100 www.fc-lighting.com

MEETS IESNA REQUIREMENTS FOR FULL CUTOFF COMPLIANCE.

Lumark

Category #	Type
Project	
Comments	
Prepared by	

DESCRIPTION
 The patented Lumark Crosstour™ LED Wall Pack Series of luminaires provides an architectural style with superior lighting, energy efficient LEDs. The low-profile, rugged die-cast aluminum construction, universal back box, stainless steel hardware along with a sealed and gasketed optical compartment make the Crosstour impervious to contaminants. The Crosstour wall luminaire is ideal for walkways, inverted mount applications, landscape illumination, pool/bath, and lighting. Footcandle and low level pathway illumination including stairs. Typical applications include building entrances, multi-use facilities, apartment buildings, walkways, schools, stairways and loading docks.

CONSTRUCTION FEATURES
 Slim, low-profile LED design with rugged one-piece, die-cast aluminum. Hinged removable door and back box. Matching housing style is incorporated both a small and medium design. The small housing is available in 18W, 18W and 28W. The medium housing is available in the 36W model. Patented secure lock hinge features allow for safe and easy tool-less electrical connections with the supplied push-in connectors. Back box includes three half-inch, NPT threaded conduit entry points. Universal back box supports both the small and medium form and mounts to standard 3-1/2" to 4" round and octagonal, 4" square, single gang and masonry junction boxes. Key hole gasket allows for adaptation to junction box or wall. External fin design extracts heat from fixture assembly. One-piece silicone gasket seals door and back box. Minimum 5" wide pole for site lighting application. Not recommended for wet wall applications.

Optical
 Silicone sealed optical LED chamber incorporates a custom engineered mirrored anodized reflector providing high-contrast illumination. Optical assembly includes impact-resistant, tempered glass lens. LED mounting requirements for full cutoff applications. Available in seven lumen packages: 6000K, 4000K and 3000K CCT.

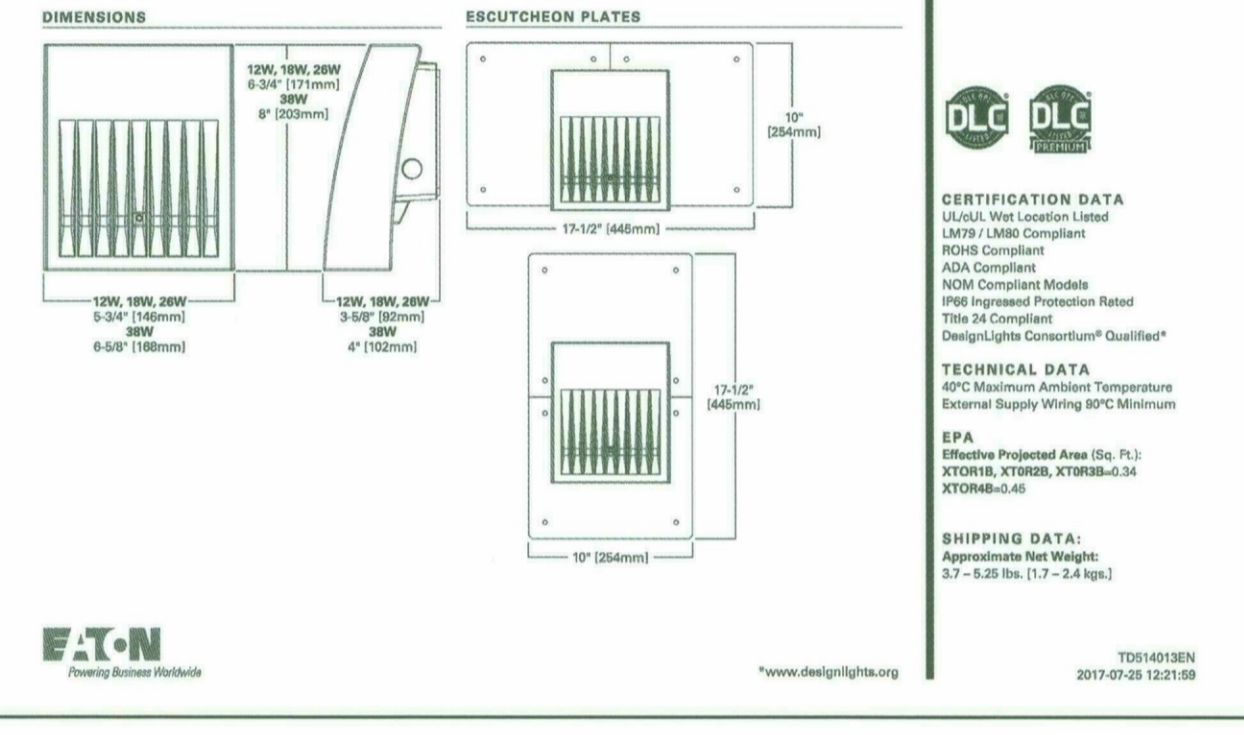
Electrical
 LED driver is mounted to the exterior of the luminaire to transfer heat safely away from the LED source. 120V, 18W, 28W and 36W series operate in 40°C to 40°C (104°F to 104°F). High ambient 50°C models available. Crosstour luminaires maintain greater than 89% of initial light output after 72,000 hours of operation. Three half-inch NPT threaded conduit entry points allow for fine-tune wiring. Back box is an authorized electrical wiring compartment. Integral LED electronic driver incorporates surge protection, 100-277V 50/60Hz or 347V 60Hz models.

Finish
 Crosstour is protected with a Super durable TiO2 carbon bronze or sunnill white polyester powder coat paint. Super durable TiO2 powder coat paint features withstand extreme climate conditions while providing optimal color and gloss retention of the installed life.

Warranty
 Five-year warranty.

XTOR CROSSTOUR LED

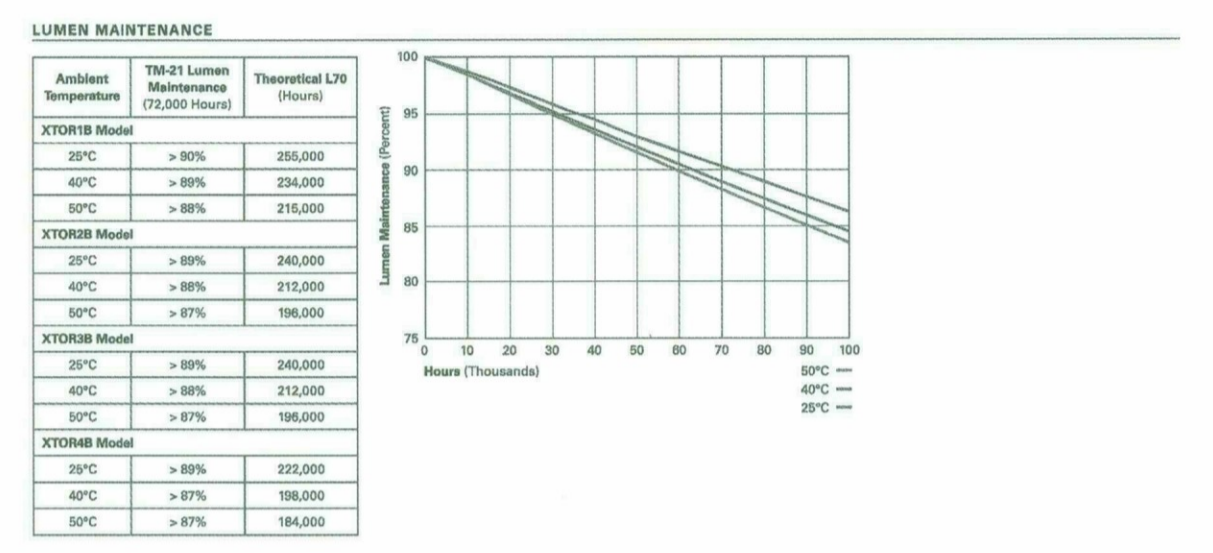
APPLICATION: WALL / SURFACE / POLE / HOLLAND / LOW LEVEL / FLOODLIGHT / RECESSED SITE LIGHTING



LIGHT FIXTURE HAS U (UPLIGHT) VALUE OF 0 WHICH INDICATES IT IS FULL CUTOFF.

XTOR CROSSTOUR LED

LED Information	XTOR18	XTOR18-M	XTOR18-W	XTOR18-M	XTOR18-W	XTOR18-M	XTOR18-W	XTOR18-M	XTOR18-W	XTOR18-M	XTOR18-W
Delivered Lumens (lm)	1,400	1,366	1,287	2,150	2,109	1,887	2,710	2,710	4,280	4,208	3,898
Delivered Lumens (lm) (lm)	1,400	1,366	1,287	2,150	2,109	1,887	2,710	2,710	4,280	4,208	3,898
Beam Spread (ft)	5.00	4.00	3.00	5.00	4.00	3.00	5.00	4.00	5.00	4.00	3.00
Beam Spread (m)	1.52	1.22	0.91	1.52	1.22	0.91	1.52	1.22	1.52	1.22	0.91
Beam Spread (deg)	30	24	18	30	24	18	30	24	30	24	18
Beam Spread (rad)	0.52	0.42	0.31	0.52	0.42	0.31	0.52	0.42	0.52	0.42	0.31
Beam Spread (mrad)	5.2	4.2	3.1	5.2	4.2	3.1	5.2	4.2	5.2	4.2	3.1
Beam Spread (mrad)	5.2	4.2	3.1	5.2	4.2	3.1	5.2	4.2	5.2	4.2	3.1



CURRENT DRAW

Voltage	XTOR18	XTOR18-M	XTOR18-W
120V	0.10A	0.15A	0.22A
277V	0.06A	0.08A	0.13A
347V	0.08A	0.12A	0.17A
480V	0.08A	0.12A	0.17A

TECHNICAL DATA
 50°C Maximum Ambient Temperature
 External Supply Wiring 80°C Minimum

SHIPPING DATA:
 Approximate Net Weight: 5.7 - 8.0 lbs. (1.7 - 2.4 kg)

LIGHT FIXTURE TYPE 'S3'

LIGHT FIXTURE TYPE 'S7'

ACCESSORIES - ORDER SEPARATELY

Color Filter (2.5" Diameter)	Optical Lens (2.5" Diameter)	Optical Lens (3.0" Diameter)
FF1 - Pink Opaline	FF2 - Blue Opaline	FF3 - Clear Opaline
FF4 - Green Opaline	FF5 - Yellow Opaline	FF6 - Purple Opaline
FF7 - Red Opaline	FF8 - Amber Opaline	FF9 - Silver Opaline
FF10 - Light Blue Opaline	FF11 - Dark Blue Opaline	FF12 - White Opaline
FF13 - Magenta Opaline	FF14 - Bronze Opaline	FF15 - Copper Opaline

LUMINAIRE LUMENS ARE 360 (418 x 0.86)

PHOTOMETRY

Beam Angle	4000K CCT			5000K CCT		
	LM	LM/ft²	LM/m²	LM	LM/ft²	LM/m²
15°	180	360	360	180	360	360
21°	180	360	360	180	360	360
41°	180	360	360	180	360	360

CONE OF LIGHT

Beam Angle	Beam Diameter (ft)	Beam Diameter (m)
15°	0.41	0.12
21°	0.55	0.16
41°	1.10	0.32

- TECHNICAL INFORMATION**
- When selecting integral transformer option, dimming is only possible at 120V using a magnetic dimmer switch. There are two compatible magnetic dimming switches: Lutron Avroline AVRD-600P and Lutron Diva DVN-600P.
 - When selecting low voltage option, dimming is dependent on remote transformer compatibility with LED module.
 - IMPORTANT:** For the low voltage option - when using the transformer use 8 watts for 6LED or 15 watts for 10LED option fixture. Nominal power draw after start up is 6 watts or 15 watts accordingly. The LED module is designed to operate between 10 and 15 volts. Any less or more voltage can cause premature failure.
 - IMPORTANT:** Apply grey dirt sealing compound (not included) to completely seal the wires inside the bottom metal conduit nipple. Completely seal the bottom of the fixture. The grey dirt sealing compound by itself cannot seal the hole. We recommend using re-entrance potting seal material such as 3M High Gel 4442 re-entrance encapsulant (not included) to completely seal the bottom of the fixture and the conduit lines.
 - Suitable for installation in combustible materials such as wood decking.

LIGHT FIXTURE TYPE 'S5'

NOTE: LANDSCAPE LIGHT IS UTILIZED TO ACCENT FLAG POLE / FLAG, SHALL BE POINTED AWAY FROM PROPERTY LINE, AND LIGHT SOURCE VISIBILITY IS RECESSED IN -GRADE TO MINIMIZE GLARE AND LIGHT SOURCE VISIBILITY.

LUMINAIRE LUMENS ARE 616 PER PRODUCT CUTSHEET

dCrest-9 SPECIFICATIONS

Output	L07	L10	L13	9LED	ZDRLED	ZDC
Total Lumens*	585	732	1001	625	625	N/A
Spot (40°)	616	761	1025	575	575	N/A
Wide Flood (60°)	499	565	524	581	581	200
Beam Power (W)	9.9	14.2	19.2	11.7	11.7	5.2
Efficacy (Lumens/Watt)	51.62	40.54	43.53	49	49	39
Color Rendering Index (CRI)	84	84	84	83	83	81
Center Beam Candela Power (CBCP)						
Spot (40°)	2456	3123	4067	3420	3420	N/A
Flood (60°)	1560	1874	2537	1734	1734	N/A
Wide Flood (60°)	669	805	115	607	607	382
Dimming	Phase, 0-10V	Phase, 0-10V	Phase, 0-10V	N/A	2D	ZDC
Minimum Rated Life (LR0)	50,000 Hrs	50,000 Hrs	50,000 Hrs	50,000 Hrs	50,000 Hrs	50,000 Hrs
Luxor Compatibility	Luxor CUBE Reqd	Luxor CUBE Reqd	Luxor CUBE Reqd	N/A	Zoning/Dimming	Zoning/Dimming/Color
ZD Option	N/A	N/A	N/A	N/A	N/A	Yes
ZDC Options	N/A	N/A	N/A	N/A	N/A	Yes

Beam Angle Options: 15°, 21°, 41°, 60°, 80°, 100°, 120°, 140°, 160°, 180°

Socket: Die-cast aluminum socket with 1/4" NPT threads. Includes mounting hardware.

Wiring: Four input power options: 1) standard voltage using 50V/60Hz input with phase dimming, 2) standard voltage using 120V/60Hz input with phase dimming, 3) high voltage using 220V/50/60Hz input with phase dimming, 4) low voltage using 10-15VDC/50/60Hz input with phase dimming.

Materials: Die-cast aluminum A380 housing and stainless steel hardware.

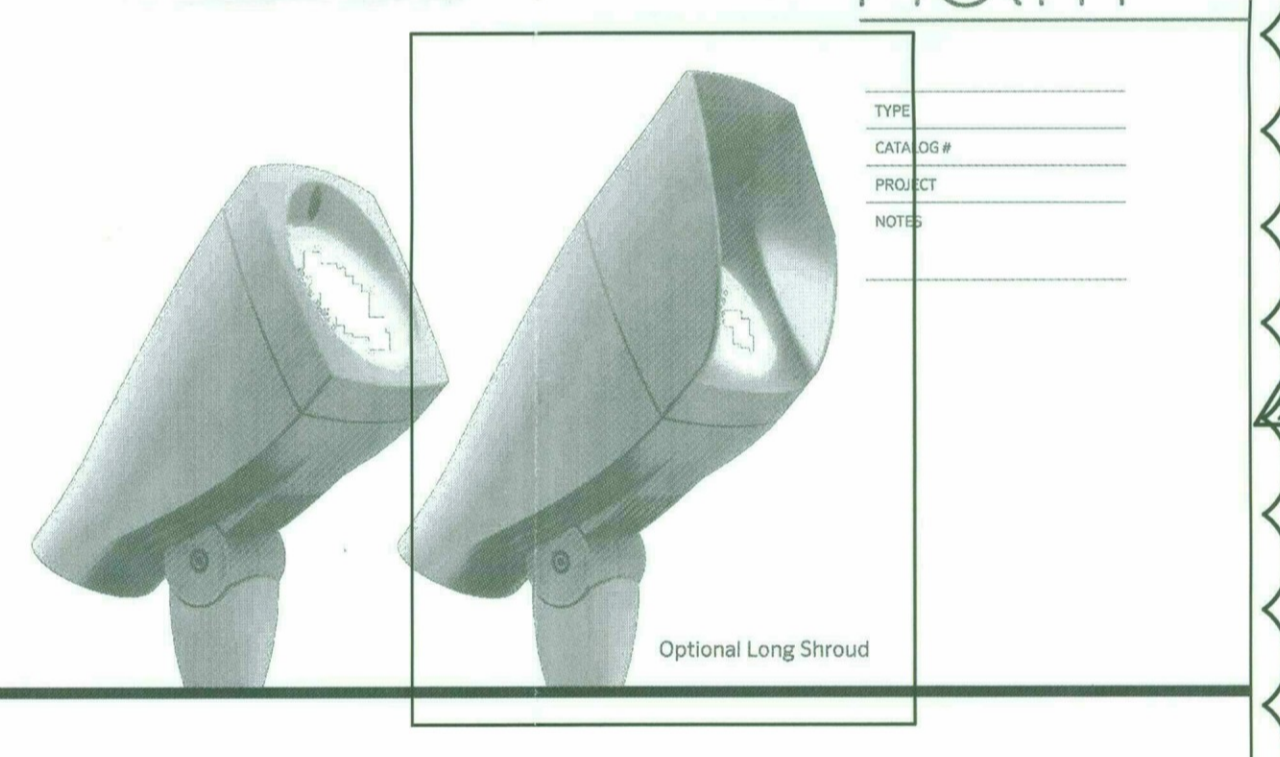
Lamp: Integrated Xicato™ LED module with integrated transformer.

Mounting Kit: ABS construction sleeve with NPT knockouts. Construction cover included.

LIGHT FIXTURE TYPE 'S4'

NOTE: LANDSCAPE LIGHT IS UTILIZED TO ACCENT LANDSCAPING, SHALL BE POINTED AWAY FROM PROPERTY LINE, AND CONTAIN EXTENSION SHIELD TO MINIMIZE GLARE AND LIGHT SOURCE VISIBILITY.

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dCrest-9 ORDERING INFORMATION

Fixture Size	Power Control	Output	CCT	Optics	Options	Finish	Mounting Options
dCST-9	5V 120V/60 Hz Phase UL Listed	L07 499-585 Lumens	K07 2,700K	SP 30°	[Recessed] Standard Shroud	BZ Bronze Metallic	MKCT9 Standard Kit
	10V 277V/60Hz 0-10V UL Listed	L10 565-761 Lumens	K30 3,000K	FL 40°	LS Long Shroud (60°)	SV Silver	
	10V 220-240V/50Hz 0-10V CE Approved	L13 685-1025 Lumens	K35 3,500K	WF 60°		FB Flat Black	
	12V UL Listed / CE Approved	SLED 450-625 Lumens	K40 4,000K			PW Flat White	
		ZDRLED 490-625 Lumens				RL RAL Color	
		ZDC 200 Lumens*					

EXAMPLE FIXTURE CONFIGURATION: dCST-9-L07-K07-SP30-LS-MKCT9

*Available in WF only

FUCELLO ARCHITECTS
 1 480.947.2960
 1 480.947.2964
 7525 e. camelback road, suite 204
 scottsdale, arizona 85251

PRELIMINARY NOT FOR CONSTRUCTION



SCOTTSDALE FIRE STATION #603
 8191 E. Indian Bend Road
 Scottsdale, Arizona 85250

REVISION	DATE
1	1-UP-2018 & 2-R-2018 1st Review Comments
2	2-R-2018 2nd Review Comments

FA Project No.: 1701
 Date: 20 december 2017

ELECTRICAL LIGHTING CUTSHEETS

E3.0
 development review board (DRB)

ENERGY SYSTEMS DESIGN
 7135 East Camelback Road
 Suite 204
 Scottsdale AZ 85251
 P: 480.481.4900

2-DR-2018
 07/05/18

Project # 171049

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