

Simulations
Photos
All Graphics (no plans)



Context Aerial

1" = 660' 0" 0 66 132



Location Map

N.T.S.

Brockbridge
Architects
Planners
2470 a hardy road ste 2
Tempe Arizona 85282
480.688.8882

City of Scottsdale
Fire Station #616
DRB Submittal

PRELIMINARY
NOT FOR CONSTRUCTION

PROJECT NO.
16.11.00
DATE
FEBRUARY 09, 2018
DESIGNED BY
CHECKED BY
THE DESIGNER HAS TO BE USED FOR
CONSTRUCTION PURPOSES ONLY. ANY
MODIFICATIONS TO THE DESIGN SHALL BE
MADE BY THE DESIGNER OR HIS
AUTHORIZED REPRESENTATIVE. ANY
OTHER USE OF THIS DESIGN IS
PROHIBITED.

Architectural
Context Aerial

A...

39-DR-2018
1/09/2019

Site Data

CURRENT ZONING: R1-43 ES

USE: SINGLE-FAMILY RESIDENTIAL

GROSS AREA PER SURVEY: 144,888 S.F. OR 3.32 AC.

MAXIMUM LOT COVERAGE:

ACTUAL: 23.8%

DEVELOPMENT STANDARDS:

MINIMUM FRONT YARD: 60 FT

MINIMUM REAR YARD: 60 FT

MINIMUM SIDE YARD: 30 FT EACH

BUILDING HEIGHT RESTRICTIONS:

MAXIMUM BUILDING HEIGHT: 24 FT

ACTUAL BUILDING HEIGHT: 22 FT 8 IN.

PARKING CALCULATIONS:

CITY OF SCOTTSDALE ZONING CODE ARTICLE 11

SECTION 9.300, TABLE 2

GENERAL OFFICES: 1.5 SPACES/300 S.F.

ADMIN AREA: 4.25 SPACES/1,000 S.F.

REQUIRED: 14 PARKING SPACES

PROVIDED: 20 PARKING SPACES

16 REGULAR SPACES + 2 A.D.A. SPACES

GROSS LOT AREA: 144,888 S.F.

GROSS FLOOR AREA: 1,140,000 S.F.

LOT COVERAGE: 23.8%

SITE TOTAL: 144,888 S.F.

PAVED AREA: 16,447.89 S.F. (BUILDING, ROADS, SIDEWALKS)

FLOOR AREA RATIO: 0.888

7,280 SF / 144,888 SF = 0.888

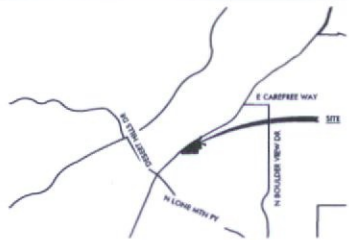
LIMITED TO THIRTY-FIVE HUNDREDS (0.35) OF THE NET LOT AREA.

BICYCLE PARKING: 4 BICYCLE SPACES PROVIDED

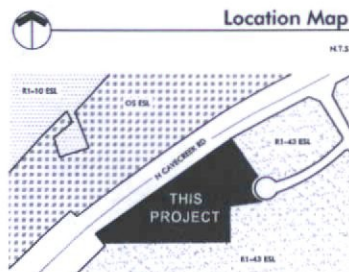
REQUIRED 7 PER 50 VEHICULAR PARKING SPACES

TOTAL VEHICULAR SPACES: 20

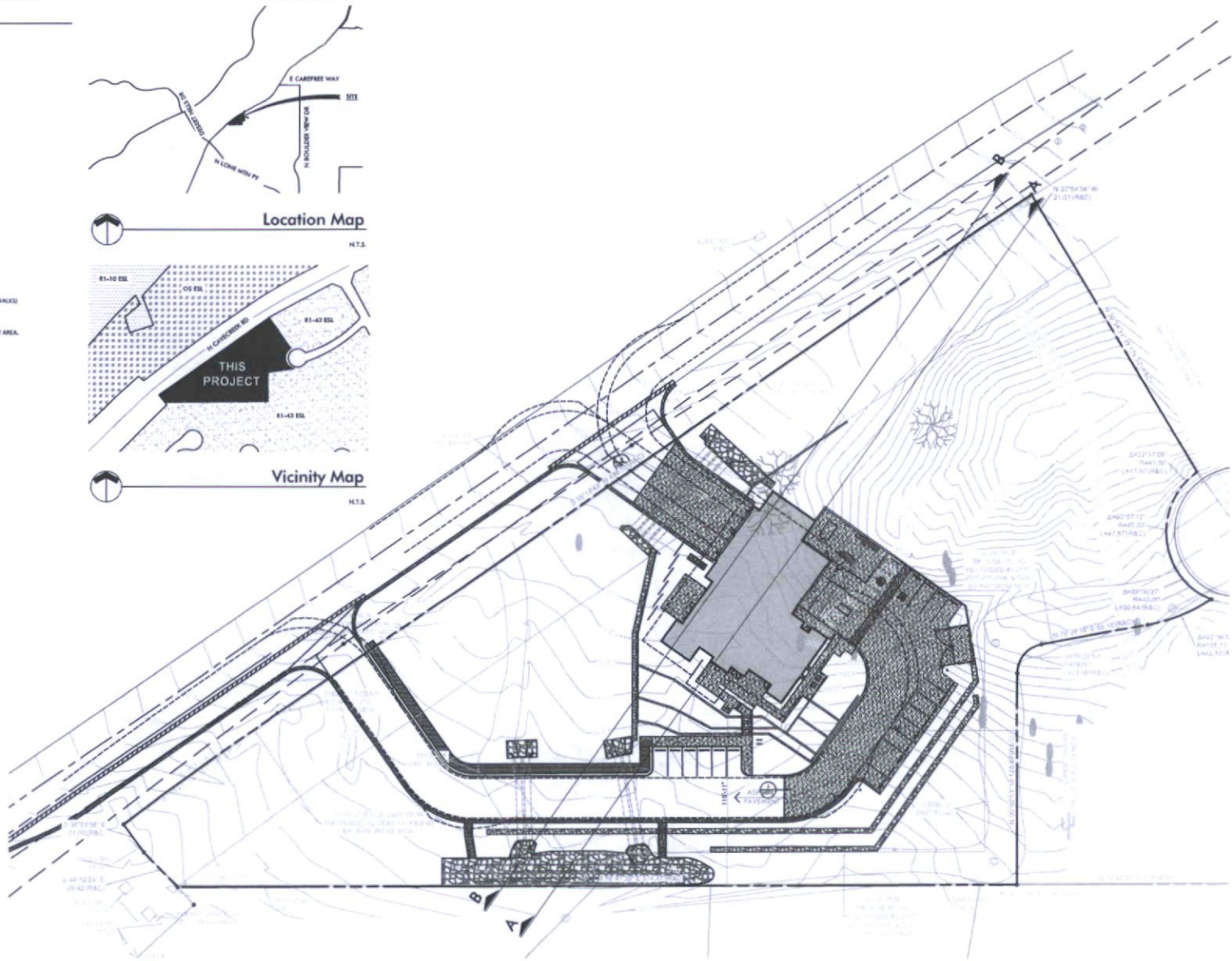
REQUIRED BICYCLE SPACES: 4



Location Map



Vicinity Map



Architectural Site Plan

1" = 30'-0" 0 30 60

Brockbridge
PLANNERS
2470 S HARDY ROAD STE 2
TEMPE, ARIZONA 85282
480.659.8882

City of Scottsdale
Fire Station #616

PRELIMINARY
NOT FOR CONSTRUCTION

PROJECT NO.

16.11.00

DATE

SEPTEMBER 2018

PROJECT NAME

SCOTTSDALE FIRE STATION #616

PROJECT ADDRESS

16.11.00

PROJECT NO.

16.11.00

PROJECT NAME

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SCOTTSDALE FIRE STATION #616

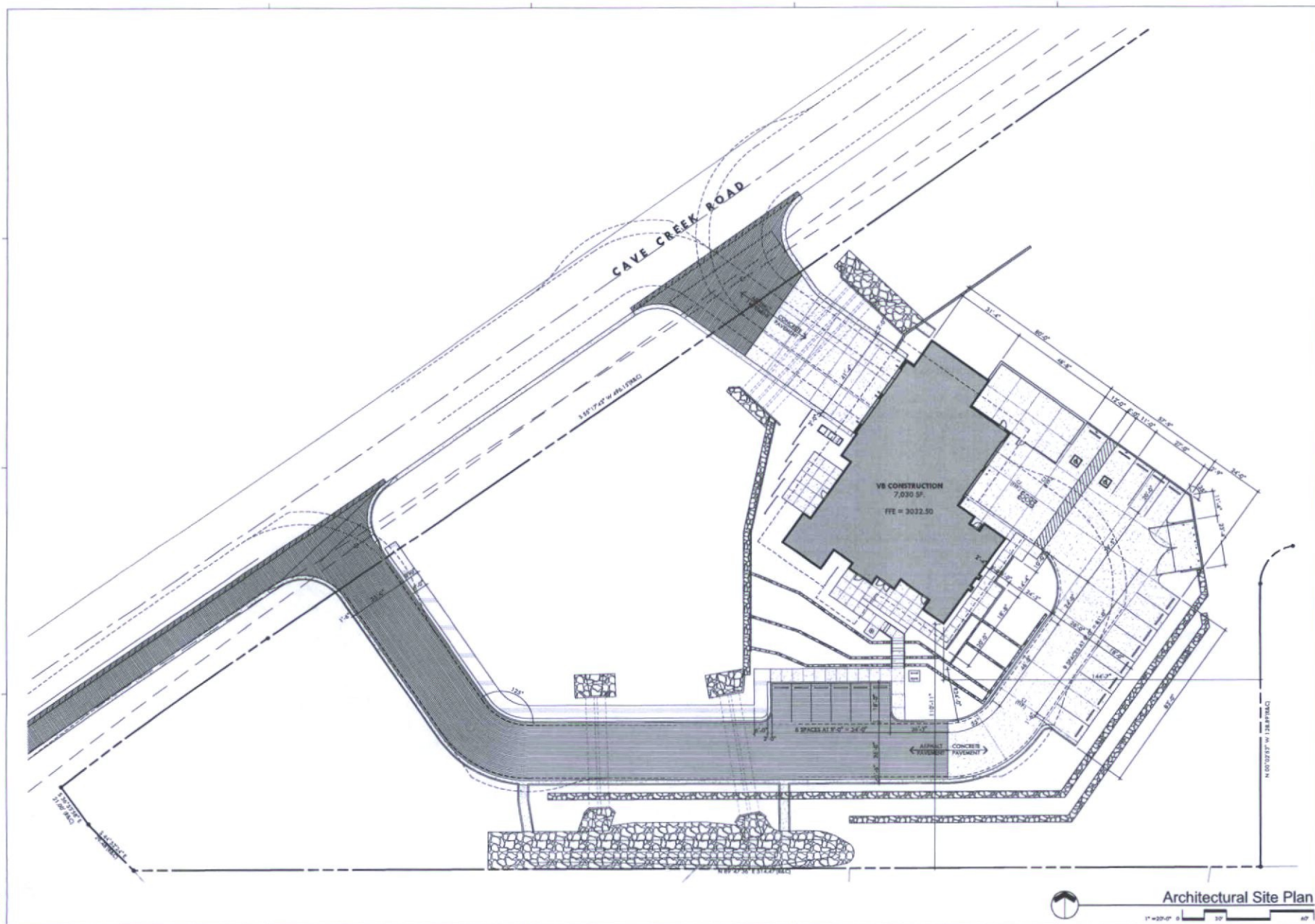
PROJECT ADDRESS

16.11.00

39-DR-2018
1/09/2019

Architectural
Site Plan

AS11



Brockenridge
architects
planners
2470 n hardy road ste 2
tempe arizona 85282
480.859.3333

City of Scottsdale
Fire Station #616

PRELIMINARY
NOT FOR CONSTRUCTION

PROJECT NO: 16.11.00
DATE: SEPTEMBER 2018
DESIGNED BY: [blank]
CHECKED BY: [blank]
APPROVED BY: [blank]
DATE: [blank]

Architectural
Site Plan

AS12

39-DR-2018
1/09/2019



PLANT LEGEND

-  TREE - SALVAGEABLE/ REMAIN IN PLACE
-  TREE - NON-SALVAGEABLE
-  TREE - SALVAGEABLE TO BE RELOCATED
-  CACTI - SALVAGEABLE/ REMAIN IN PLACE
-  CACTI - NON-SALVAGEABLE
-  CACTI - SALVAGEABLE TO BE RELOCATED

PROJECT CONSULTANTS

SALVAGE CONTRACTOR: **NATIVE RESOURCES INTERNATIONAL**
 1540 WEST HAPPY VALLEY ROAD
 PHOENIX, ARIZONA 85065
 623-869-6757 (P) • 623-869-6789 (F)
 CONTACT: KEVIN BRENDA

NOTE:
 PLANT INVENTORY FIELD WORK AND
 DOCUMENTATION ACCOMPLISHED BY NATIVE
 RESOURCES INTERNATIONAL (NRI). NRI IS A CITY OF
 SCOTTSDALE APPROVED SALVAGE CONTRACTOR.

REVEGETATION NOTES

- NACS AREAS WILL NOT BE DISTURBED BY CONSTRUCTION AND WILL REMAIN IN THE NATIVE STATE. NO SEED MIX WILL BE APPLIED TO NACS AREAS.
- SALVAGE AND REPLANTING LOCATIONS WILL BE IDENTIFIED ON THE PROJECT PLANTING PLAN.

SALVAGE PLANT SUMMARY

PLANT #	COMMON NAME	BOTANICAL NAME	CALIPER	DISPOSITION	NOTES
3	Mesquite	Prosopis	10	S	
7	Sagebrush Yucca	Yucca elata	8	S	3 heads
8	Mesquite	Prosopis	7	S	
11	Footballs Palo Verde	Parkinsonia microphylla	6	S	
42	Blue Palo Verde	Parkinsonia florida	10	S	
42	Blue Palo Verde	Parkinsonia florida	8	S	
45	Mesquite	Prosopis	8	S	
66	Blue Palo Verde	Parkinsonia florida	6	S	
67	Footballs Palo Verde	Parkinsonia microphylla	4	S	
68	Footballs Palo Verde	Parkinsonia microphylla	5	S	
70	Mesquite	Prosopis	8	S	
73	Footballs Palo Verde	Parkinsonia microphylla	6	S	
74	Mesquite	Prosopis	6	S	
75	Footballs Palo Verde	Parkinsonia microphylla	6	S	
80	Blue Palo Verde	Parkinsonia florida	4	S	
81	Blue Palo Verde	Parkinsonia florida	7	S	
85	Barni	Echinocactus grusonii	6	S	
105	Footballs Palo Verde	Parkinsonia microphylla	8	S	
143	Blue Palo Verde	Parkinsonia florida	6	S	
144	Footballs Palo Verde	Parkinsonia microphylla	6	S	
150	Blue Palo Verde	Parkinsonia florida	6	S	

* S = SALVAGE



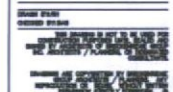
Breckenridge
 Architects
 Planners
 2470 e hardy road ste 2
 tempe arizona 85282
 480.658.8882

NORRIS DESIGN
 Planning | Landscape Architecture | Rendering

City of Scottsdale
 Fire Station #616



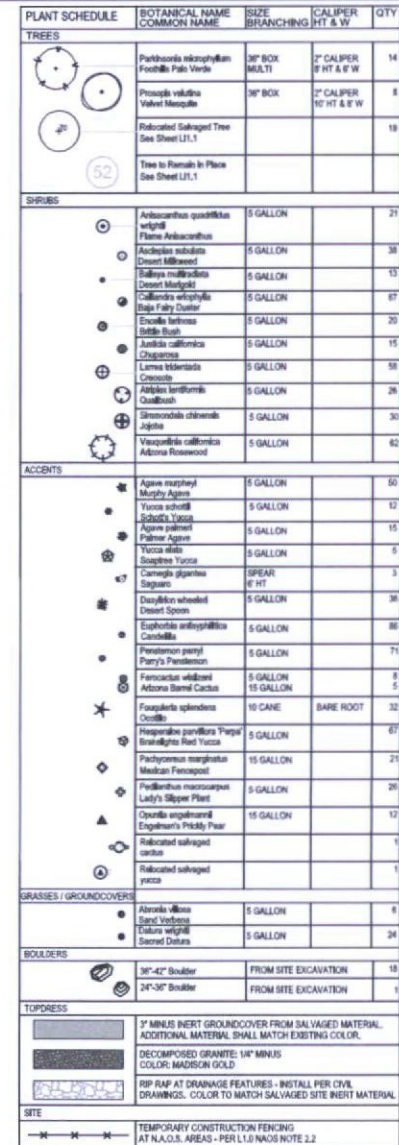
PROJECT NO:
 16.11.00
 DATE:
 12.21.18



Landscape Inventory /
 Salvage Plan

LIS1.1

39-DR-2018
1/09/2019



Contact Aftersales 011 or visit our toll
 free line 1-800-441-1111 for more information.

 Call 011 or visit [Aftersales011.com](http://www.Aftersales011.com)

39-DR-2018
1/09/2019

NORRIS DESIGN

City of Scottsdale
Fire Station #616



PROJECT WTD
16.11.00
TAKEN
12.21.18

RESEARCH DESIGN

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DAVID WYLLIE
 UNIVERSITY OF ABERDEEN

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Landscape

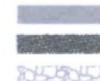
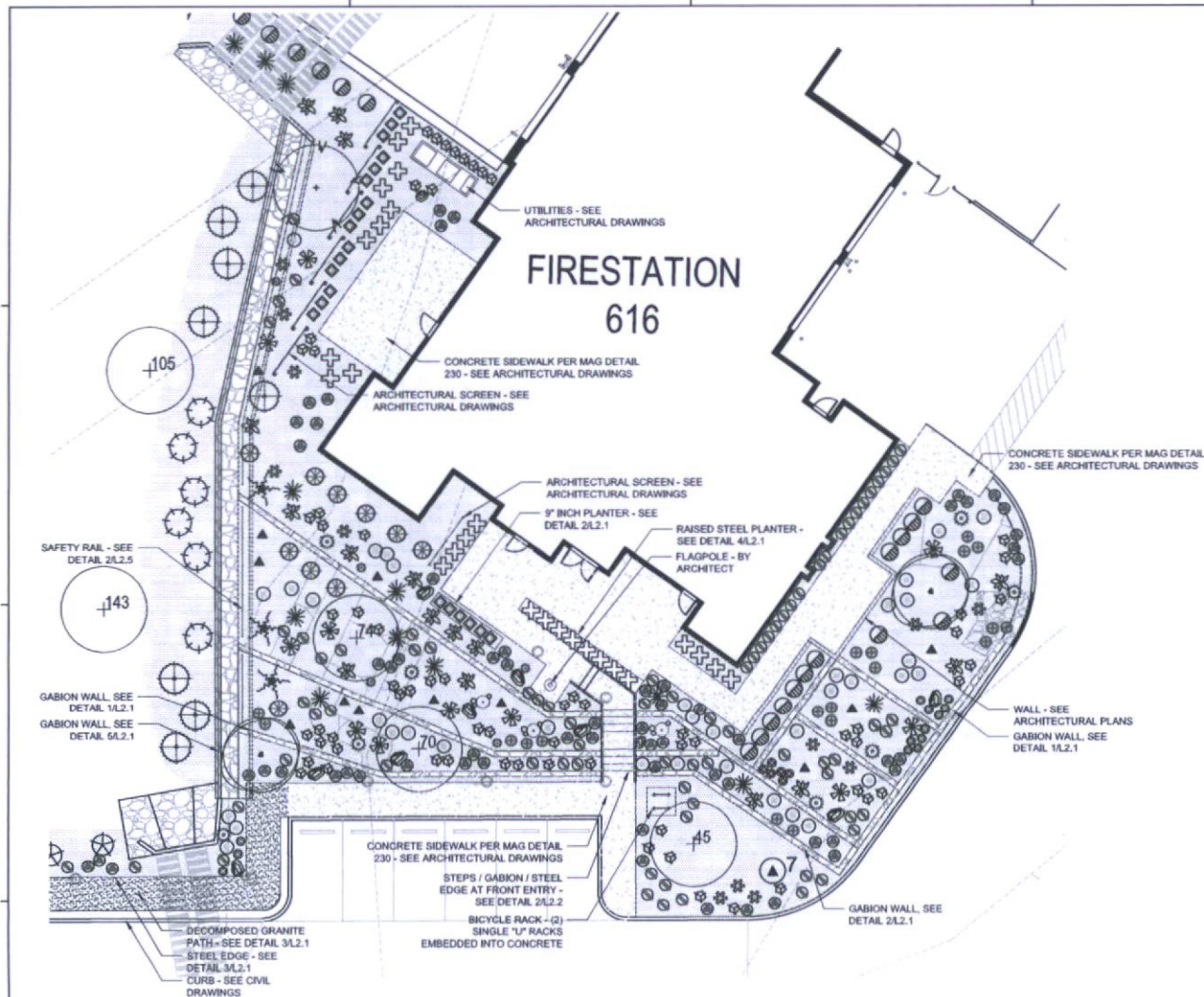
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Brockbridge
architects
planners
2470 e hardy road ste 2
tempe arizona 85282
480.689.8852

NORRIS DESIGN
Planning | Landscapes | Architecture | Interiors

City of Scottsdale Fire Station #616



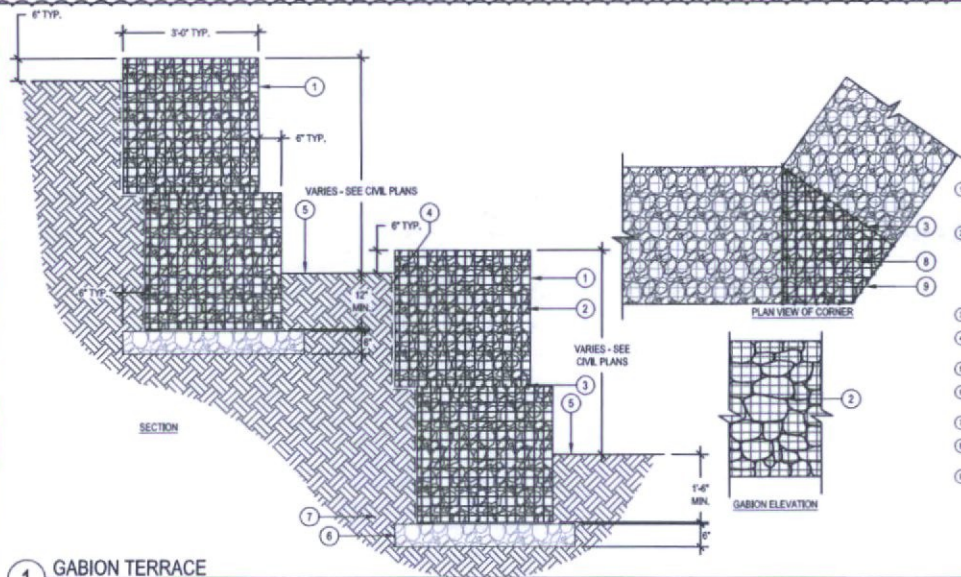
PROJECT NO.
16.11.00
DATE
12.21.18

REVISION	DATE	DESCRIPTION
1	12.21.18	ISSUED FOR PERMIT
2	12.21.18	ISSUED FOR PERMIT
3	12.21.18	ISSUED FOR PERMIT
4	12.21.18	ISSUED FOR PERMIT
5	12.21.18	ISSUED FOR PERMIT
6	12.21.18	ISSUED FOR PERMIT
7	12.21.18	ISSUED FOR PERMIT
8	12.21.18	ISSUED FOR PERMIT
9	12.21.18	ISSUED FOR PERMIT
10	12.21.18	ISSUED FOR PERMIT

Landscape Plan
Enlargement

L1.3

39-DR-2018
1/09/2019



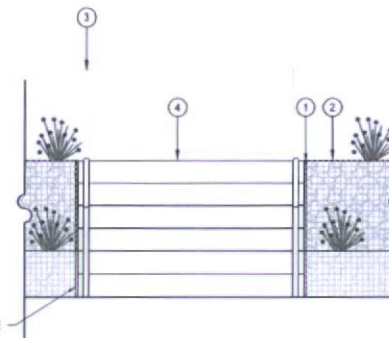
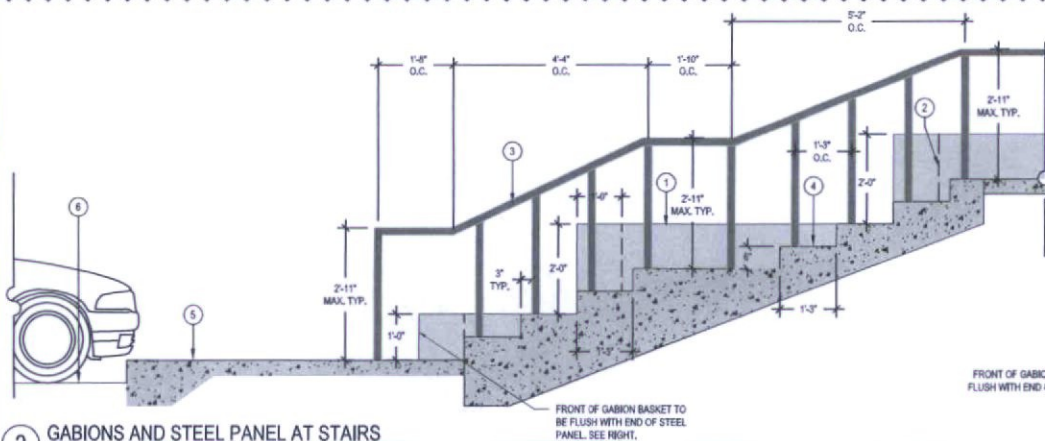
- NOTES:**
1. SEE CIVIL PLANS FOR GABION WALL HEIGHTS
 2. ALL GABIONS TO BE INSTALLED PER MANUFACTURER'S RECOMMENDATION.
 3. ADD STIFFENERS PER MANUFACTURER'S RECOMMENDATIONS.
 4. GABION BASKETS MAY REQUIRE SUPPLEMENTAL INERT FILL. SUPPLEMENTAL MATERIAL COLOR SHALL MATCH SITE MATERIAL. COLOR TO BE APPROVED BY LANDSCAPE ARCHITECT, SEE: DMN = 4", D50#4", DMAX=9".
 5. PROVIDE MINIMUM GABION FILL UNIT WEIGHT OF 150LB. PER CF.
 6. IF SUPPLEMENTAL MATERIAL IS REQUIRED - INSTALL IT IN BOTTOM AND BACK OF GABION. USE CONSISTENT APPEARING MATERIAL FOR ALL VISIBLE AREAS.
 7. CONTRACTOR MUST USE THE SAME CONSISTENT COLOR AND MATERIAL FOR ALL PROJECT GABIONS. DO NOT MIX MATERIAL OR COLORS.
 8. CONTRACTOR SHALL PROVIDE GABION MESH UP TO BE APPROVED BY LANDSCAPE ARCHITECT.
- GABION ELEVATION**

GABION WALL NOTES

1. A SEPARATE PERMIT WILL BE REQUIRED FOR THE GABION WALLS ONLY.
2. MANUFACTURER OR CONTRACTOR TO PROVIDE SHOP DRAWINGS AND CALCULATIONS FOR THE PERMIT.

1 GABION TERRACE

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



1. 1/2" THICK STEEL PANEL ALONG PATH TO RETAIN GRADE
2. CUSTOM GABIONS (BEYOND STEEL EDGE) - SEE LANDSCAPE PLAN AND DETAIL 18.2.1
3. 2"x2" TUBE STEEL HANDRAIL, PRE-WEATHERED AND SEALED, WELDED AT ALL JOINTS. POSTS EMBEDDED INTO CONCRETE SIDEWALK.
4. CONCRETE STEPS - SEE LANDSCAPE PLAN AND DETAIL 18.5.2
5. CONCRETE SIDEWALK PER MAG DETAIL 239 - SEE ARCHITECTURAL DRAWINGS
6. ADJACENT PARKING SPACE - SEE PLANS

- NOTES:**
1. SEE CIVIL PLANS FOR GABION WALL HEIGHTS

2 GABIONS AND STEEL PANEL AT STAIRS

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

Breckenridge
ARCHITECTS
PLANNERS
2470 N HARDY ROAD STE B
TEMPE, ARIZONA 85282
480.688.8888

NORRIS DESIGN
Planning | Landscape Architecture | Rendering

City of Scottsdale
Fire Station #616



PROJECT NO.
18.11.00
DATE
12.21.18



Hardscape Details

L2.2

39-DR-2018
1/09/2019

Invoice

TO: **DRB SUBMITTAL**

FROM: **LSW ENGINEERS, AZ**

DATE: **02/09/2018**

PROJECT: **DRB SUBMITTAL**

DESCRIPTION:
The design of the lighting system for the proposed fire station is based on the following criteria:
1. The lighting system shall provide uniform illumination of the fire station building and its surrounding area.
2. The lighting system shall be designed to meet the minimum illuminance requirements of the International Dark-Sky Association (IDA).
3. The lighting system shall be designed to be energy efficient and to have a long service life.

DESIGN ASSUMPTIONS:
1. The lighting system shall be designed to meet the minimum illuminance requirements of the IDA.
2. The lighting system shall be designed to be energy efficient and to have a long service life.

DESIGN CRITERIA:
1. The lighting system shall be designed to meet the minimum illuminance requirements of the IDA.
2. The lighting system shall be designed to be energy efficient and to have a long service life.



TRIP LED

APPENDIX A: LIGHTING CALCULATIONS

APPENDIX B: LIGHTING FIXTURE SPECIFICATIONS

APPENDIX C: LIGHTING LAYOUT

APPENDIX D: LIGHTING SCHEDULE

APPENDIX E: LIGHTING NOTES

ITEMS TO BE SUBMITTED

ITEM	QUANTITY	UNIT	PRICE
1. Lighting System Design	1	Set	10,000.00
2. Lighting Fixture Specifications	1	Set	5,000.00
3. Lighting Layout	1	Set	5,000.00
4. Lighting Schedule	1	Set	5,000.00
5. Lighting Notes	1	Set	5,000.00

ITEMS TO BE SUBMITTED

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ITEMS TO BE SUBMITTED

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ITEMS TO BE SUBMITTED

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5. Lighting Notes	1	Set	5,000.00

Brockbridge
Architects
Planners
2470 a hardy road ste 2
tempe arizona 85282
480.889.3992

City of Scottsdale
Fire Station #616
DRB Submittal

UNDP
UNDP

PROJECT NO: 16-11-00
DATE: FEBRUARY 09, 2018
PROJECT NAME: DRB SUBMITTAL
PROJECT LOCATION: 2470 A HARDY ROAD, STE 2, TEMPE, AZ 85282
PROJECT OWNER: CITY OF SCOTTSDALE
PROJECT ARCHITECT: BROCKBRIDGE ARCHITECTS PLANNERS
PROJECT ENGINEER: LSW ENGINEERS, AZ

**EXTERIOR LIGHTING
FIXTURE CUT SHEETS**

E-3

LSW Engineers
1000 West McDowell Avenue
Phoenix, Arizona 85007
www.lsweng.com

39-DR-2018
1/09/2019

KIMLIGHTING 18" Wall Director*PixelMatrix* LED **WD18-LED**
 18" Wall Director*PixelMatrix* LED **WD18-LED**

FOR TYPE **SL4**
 APPROVAL: 1

FEATURES
 • 18" x 18" x 1.5" Slim Design
 • 180° Beam Angle
 • 180° Beam Angle
 • 180° Beam Angle
 • 180° Beam Angle

CONTRIBUTORS
 • Type 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

TECHNICAL DATA

Model: WD18-LED
 Power: 18W
 Voltage: 120V
 Frequency: 60Hz
 Beam Angle: 180°
 Color Temperature: 3000K, 4000K, 5000K, 6000K, 7000K, 8000K, 9000K, 10000K, 11000K, 12000K, 13000K, 14000K, 15000K, 16000K, 17000K, 18000K, 19000K, 20000K, 21000K, 22000K, 23000K, 24000K, 25000K, 26000K, 27000K, 28000K, 29000K, 30000K, 31000K, 32000K, 33000K, 34000K, 35000K, 36000K, 37000K, 38000K, 39000K, 40000K, 41000K, 42000K, 43000K, 44000K, 45000K, 46000K, 47000K, 48000K, 49000K, 50000K, 51000K, 52000K, 53000K, 54000K, 55000K, 56000K, 57000K, 58000K, 59000K, 60000K, 61000K, 62000K, 63000K, 64000K, 65000K, 66000K, 67000K, 68000K, 69000K, 70000K, 71000K, 72000K, 73000K, 74000K, 75000K, 76000K, 77000K, 78000K, 79000K, 80000K, 81000K, 82000K, 83000K, 84000K, 85000K, 86000K, 87000K, 88000K, 89000K, 90000K, 91000K, 92000K, 93000K, 94000K, 95000K, 96000K, 97000K, 98000K, 99000K, 100000K

INSTALLATION

1. Mounting: Mount the fixture to the wall using the provided mounting bracket. The fixture can be mounted horizontally or vertically.

2. Wiring: Connect the fixture to the power source using the provided wiring. The fixture is designed for 120V AC power.

3. Adjustment: The fixture can be adjusted to point in any direction. The adjustment is made by turning the mounting bracket.

4. Maintenance: The fixture is designed for long life. The only maintenance required is to clean the lens and the heat sink.

5. Safety: The fixture is designed to be safe. The heat sink is designed to dissipate heat safely. The fixture is designed to be safe for use in residential and commercial applications.

6. Warranty: The fixture is covered by a 5-year warranty. The warranty is provided by the manufacturer.

7. Notes: The fixture is designed to be used in dry locations. The fixture is not designed for use in wet locations. The fixture is not designed for use in hazardous locations.

8. Contact: For more information, please contact the manufacturer. The manufacturer's website is www.kimlighting.com.

KIMLIGHTING 18" Wall Director*PixelMatrix* LED **WD18-LED**
 18" Wall Director*PixelMatrix* LED **WD18-LED**

FOR TYPE **SL4**
 APPROVAL: 1

FEATURES
 • 18" x 18" x 1.5" Slim Design
 • 180° Beam Angle
 • 180° Beam Angle
 • 180° Beam Angle
 • 180° Beam Angle

CONTRIBUTORS
 • Type 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

TECHNICAL DATA

Model: WD18-LED
 Power: 18W
 Voltage: 120V
 Frequency: 60Hz
 Beam Angle: 180°
 Color Temperature: 3000K, 4000K, 5000K, 6000K, 7000K, 8000K, 9000K, 10000K, 11000K, 12000K, 13000K, 14000K, 15000K, 16000K, 17000K, 18000K, 19000K, 20000K, 21000K, 22000K, 23000K, 24000K, 25000K, 26000K, 27000K, 28000K, 29000K, 30000K, 31000K, 32000K, 33000K, 34000K, 35000K, 36000K, 37000K, 38000K, 39000K, 40000K, 41000K, 42000K, 43000K, 44000K, 45000K, 46000K, 47000K, 48000K, 49000K, 50000K, 51000K, 52000K, 53000K, 54000K, 55000K, 56000K, 57000K, 58000K, 59000K, 60000K, 61000K, 62000K, 63000K, 64000K, 65000K, 66000K, 67000K, 68000K, 69000K, 70000K, 71000K, 72000K, 73000K, 74000K, 75000K, 76000K, 77000K, 78000K, 79000K, 80000K, 81000K, 82000K, 83000K, 84000K, 85000K, 86000K, 87000K, 88000K, 89000K, 90000K, 91000K, 92000K, 93000K, 94000K, 95000K, 96000K, 97000K, 98000K, 99000K, 100000K

INSTALLATION

1. Mounting: Mount the fixture to the wall using the provided mounting bracket. The fixture can be mounted horizontally or vertically.

2. Wiring: Connect the fixture to the power source using the provided wiring. The fixture is designed for 120V AC power.

3. Adjustment: The fixture can be adjusted to point in any direction. The adjustment is made by turning the mounting bracket.

4. Maintenance: The fixture is designed for long life. The only maintenance required is to clean the lens and the heat sink.

5. Safety: The fixture is designed to be safe. The heat sink is

39-DR-2018
1/09/2019

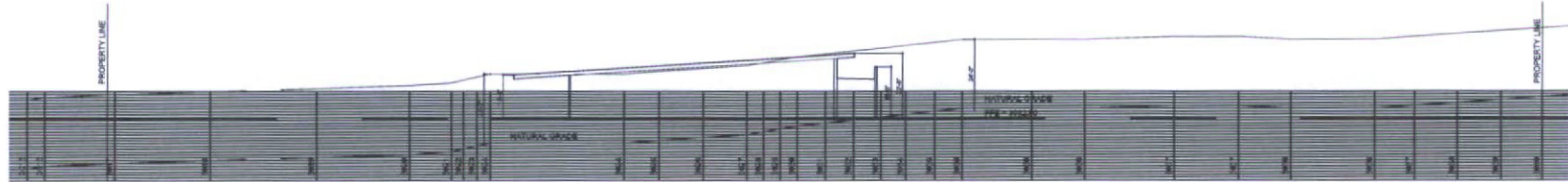
Breckenridge
Architects
Planners
 2470 e hardy road ste 2
 tempe arizona 85282
 480.659.5552

City of Scottsdale
 Fire Station #616

PRELIMINARY
 NOT FOR CONSTRUCTION

PROJECT NO.
 16.11.00
 DATE
 SEPTEMBER 2018
 DESIGNER
 CHECKED
 DATE
 100% DESIGN
 90% DESIGN
 70% DESIGN
 50% DESIGN
 30% DESIGN
 15% DESIGN
 5% DESIGN
 0% DESIGN
 100% DESIGN
 90% DESIGN
 70% DESIGN
 50% DESIGN
 30% DESIGN
 15% DESIGN
 5% DESIGN
 0% DESIGN

Site Cross Sections
AS13

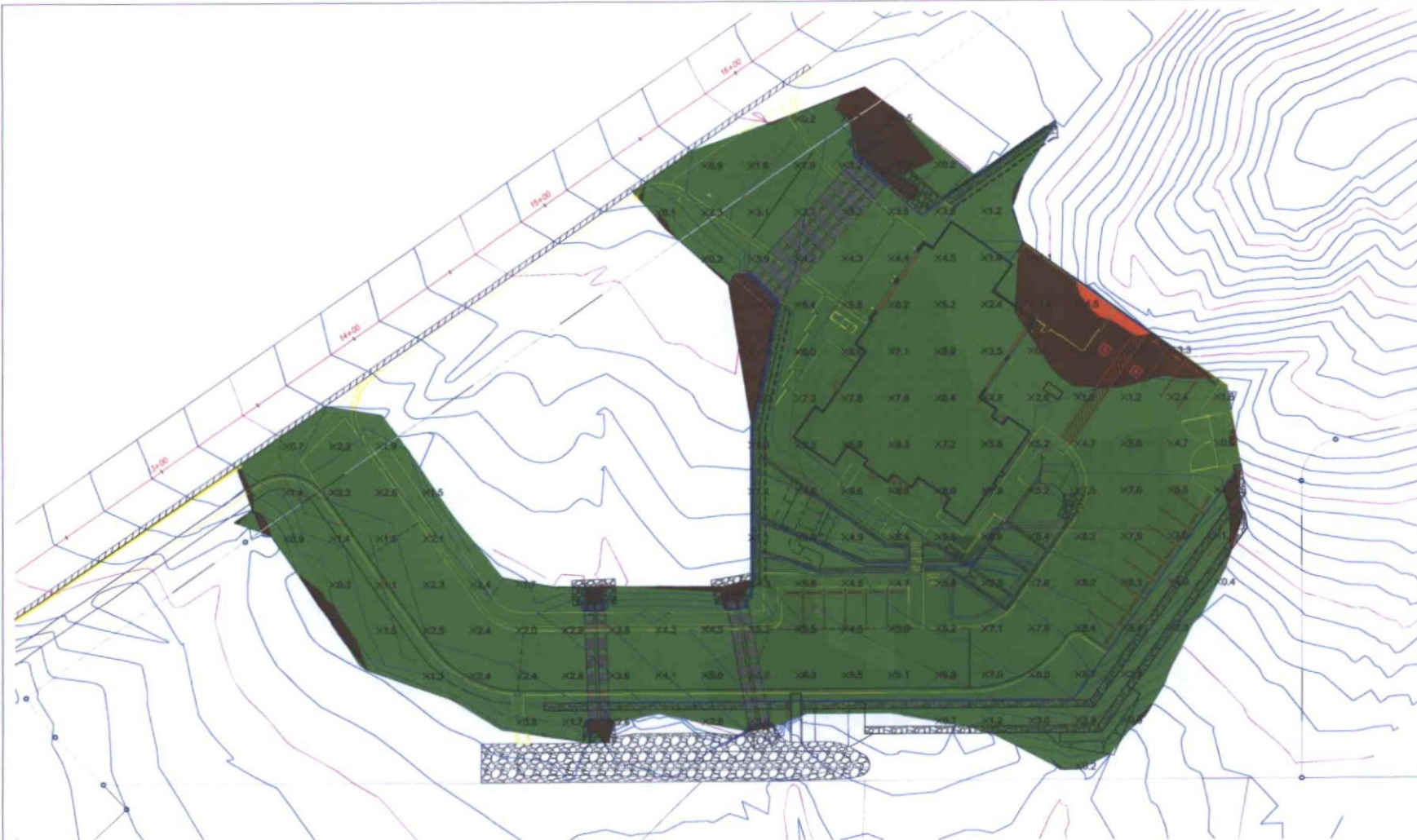


Section A
 1" = 20'-0" 0 20' 40'



Section B
 1" = 20'-0" 0 20' 40'

39-DR-2018
1/09/2019



EARTHWORK
 CUT = 264 CY
 FILL = 9,193 CY
 NET FILL (RAW) = 8,929 CY

LEGEND



 Engineering and Environmental Consultants, Inc. 7740 N. 14th Street, Suite 110 Phoenix, Arizona 85020 Tel: 602.248.7702 Fax: 602.248.7651	PROJECT TITLE CUT AND FILL EXHIBIT	PROJECT TITLE CITY OF SCOTTSDALE FIRE STATION CAVE CREEK ROAD, SCOTTSDALE, AZ LOCATED IN A PORTION OF NORTHEAST QUARTER OF SECTION 28 T 8 N R 5 E S 6 SW, MARICOPA COUNTY, SCOTTSDALE, ARIZONA	REV. DATE 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 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527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1041 1042 1043 1044 1045 1046 1047 1048 1049 1050 1051 1052 1053 1054 1055 1056 1057 1058 1059 1060 1061 1062 1063 1064 1065 1066 1067 1068 1069 1070 1071 1072 1073 1074 1075 1076 1077 1078 1079 1080 1081 1082 1083 1084 1085 1086 1087 1088 1089 1090 1091 1092 1093 1094 1095 1096 1097 1098 1099 1100 1101 1102 1103 1104 1105 1106 1107 1108 1109 1110 1111 1112 1113 1114 1115 1116 1117 1118 1119 1120 1121 1122 1123 1124 1125 1126 1127 1128 1129 1130 1131 1132 1133 1134 1135 1136 1137 1138 1139 1140 1141 1142 1143 1144 1145 1146 1147 1148 1149 1150 1151 1152 1153 1154 1155 1156 1157 1158 1159 1160 1161 1162 1163 1164 1165 1166 1167 1168 1169 1170 1171 1172 1173 1174 1175 1176 1177 1178 1179 1180 1181 1182 1183 1184 1185 1186 1187 1188 1189 1190 1191 1192 1193 1194 1195 1196 1197 1198 1199 1200 1201 1202 1203 1204 1205 1206 1207 1208 1209 1210 1211 1212 1213 1214 1215 1216 1217 1218 1219 1220 1221 1222 1223 1224 1225 1226 1227 1228 1229 1230 1231 1232 1233 1234 1235 1236 1237 1238 1239 1240 1241 1242 1243 1244 1245 1246 1247 1248 1249 1250 1251 1252 1253 1254 1255 1256 1257 1258 1259 1260 1261 1262 1263 1264 1265 1266 1267 1268 1269 1270 1271 1272 1273 1274 1275 1276 1277 1278 1279 1280 1281 1282 1283 1284 1285 1286 1287 1288 1289 1290 1291 1292 1293 1294 1295 1296 1297 1298 1299 1300 1301 1302 1303 1304 1305 1306 1307 1308 1309 1310 1311 1312 1313 1314 1315 1316 1317 1318 1319 1320 1321 1322 1323 1324 1325 1326 1327 1328 1329 1330 1331 1332 1333 1334 1335 1336 1337 1338 1339 1340 1341 1342 1343 1344 1345 1346 1347 1348 1349 1350 1351 1352 1353 1354 1355 1356 1357 1358 1359 1360 1361 1362 1363 1364 1365 1366 1367 1368 1369 1370 1371 1372 1373 1374 1375 1376 1377 1378 1379 1380 1381 1382 1383 1384 1385 1386 1387 1388 1389 1390 1391 1392 1393 1394 1395 1396 1397 1398 1399 1400 1401 1402 1403 1404 1405 1406 1407 1408 1409 1410 1411 1412 1413 1414 1415 1416 1417 1418 1
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Breckenridge
Architectural
Planners
 2470 N Hardy Road Ste 2
 Tempe Arizona 85282
 480.859.3332

City of Scottsdale
 Fire Station #616

PRELIMINARY
 NOT FOR CONSTRUCTION

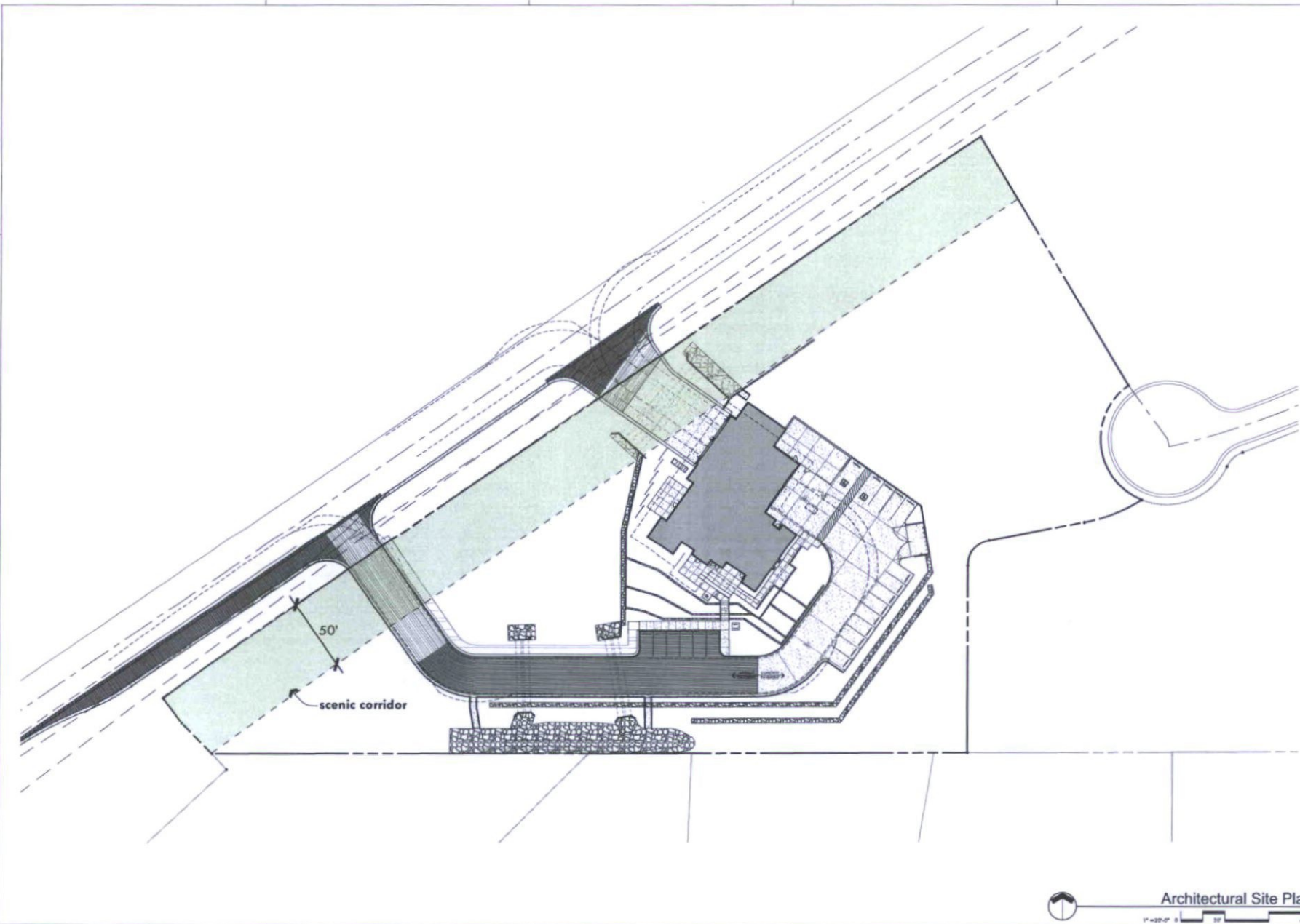
PROJECT NO: 16.11.00
 DATE: SEPTEMBER 2018

REVISION	DATE	DESCRIPTION

DESIGNED BY: _____
 CHECKED BY: _____

THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS IT IS APPROVED BY THE CITY OF SCOTTSDALE. ANY CHANGES TO THIS DRAWING MUST BE APPROVED BY THE CITY OF SCOTTSDALE. ANY CHANGES TO THIS DRAWING MUST BE APPROVED BY THE CITY OF SCOTTSDALE.

Architectural
 Site Plan
AS11



Architectural Site Plan
 1" = 20'-0" 0 20 40'

39-DR-2018
1/09/2019

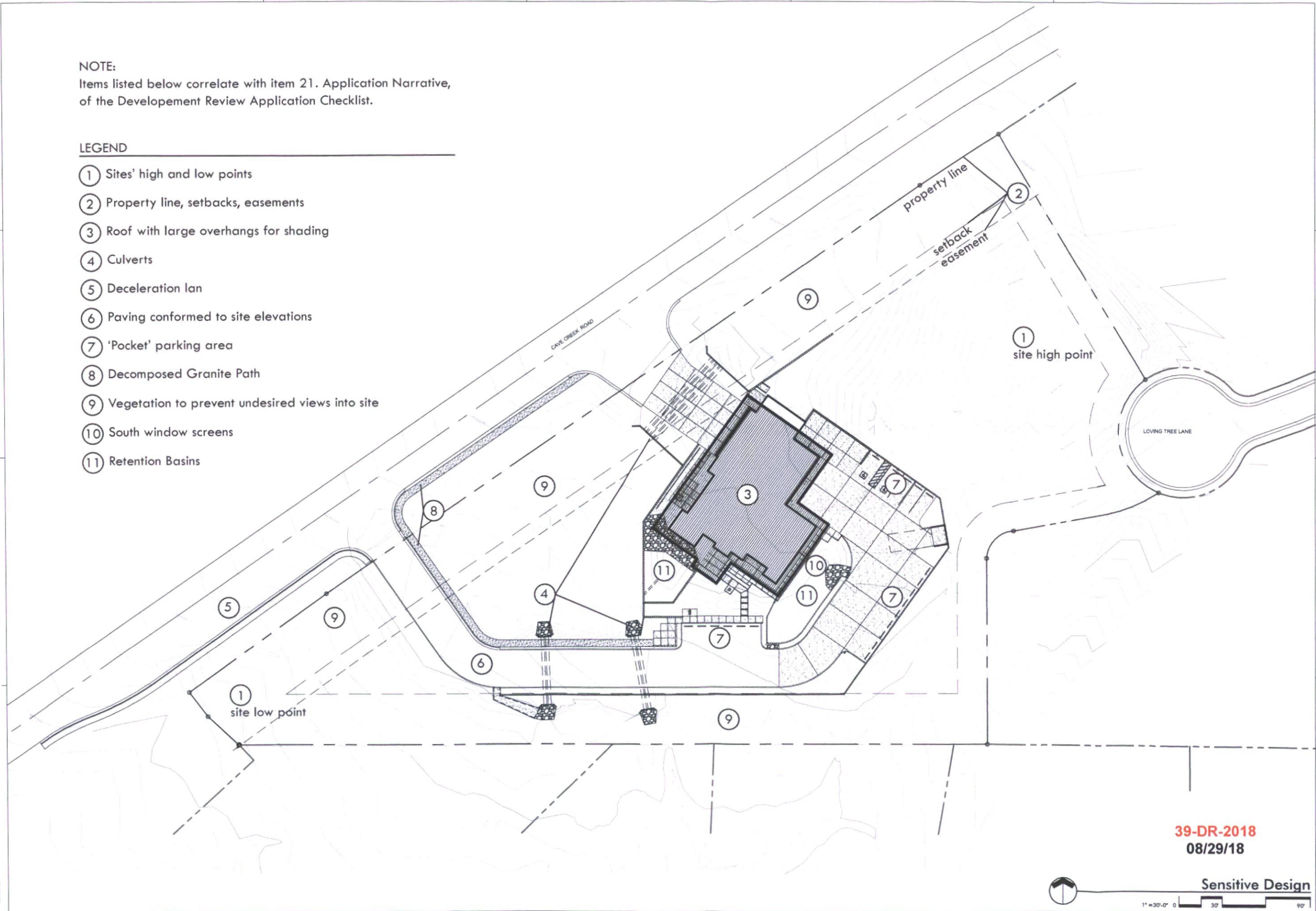
AS11

NOTE:

Items listed below correlate with item 21. Application Narrative,
of the Development Review Application Checklist.

LEGEND

- ① Sites' high and low points
- ② Property line, setbacks, easements
- ③ Roof with large overhangs for shading
- ④ Culverts
- ⑤ Deceleration lan
- ⑥ Paving conformed to site elevations
- ⑦ 'Pocket' parking area
- ⑧ Decomposed Granite Path
- ⑨ Vegetation to prevent undesired views into site
- ⑩ South window screens
- ⑪ Retention Basins



Breckenridge
architects
planners
2470 s hardy road ste 2
tempe arizona 85282
480.659.3332

City of Scottsdale
Fire Station #616
DRB Submittal

PRELIMINARY
NOT FOR CONSTRUCTION

PROJECT NO: 16.11.00			
DATE: FEBRUARY 09, 2018			
REVISION SCHEDULE			
#	DATE	DESCRIPTION	ISSUED TO
DRAWN BY: CHECKED BY:			
THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AND SEALED BY ARCHITECTS OR ARCHITECTS-IN-CHARGE OR DESIGNATED CONSULTANTS. DRAWINGS ARE COPYRIGHTED BY BRECKENRIDGE GROUP ARCHITECTS / PLANNERS. ANY REPRODUCTION OR REUSE WITHOUT WRITTEN PERMISSION IS STRICTLY FORBIDDEN. ©			

39-DR-2018
08/29/18

Sensitive Design

Site Plan

A..