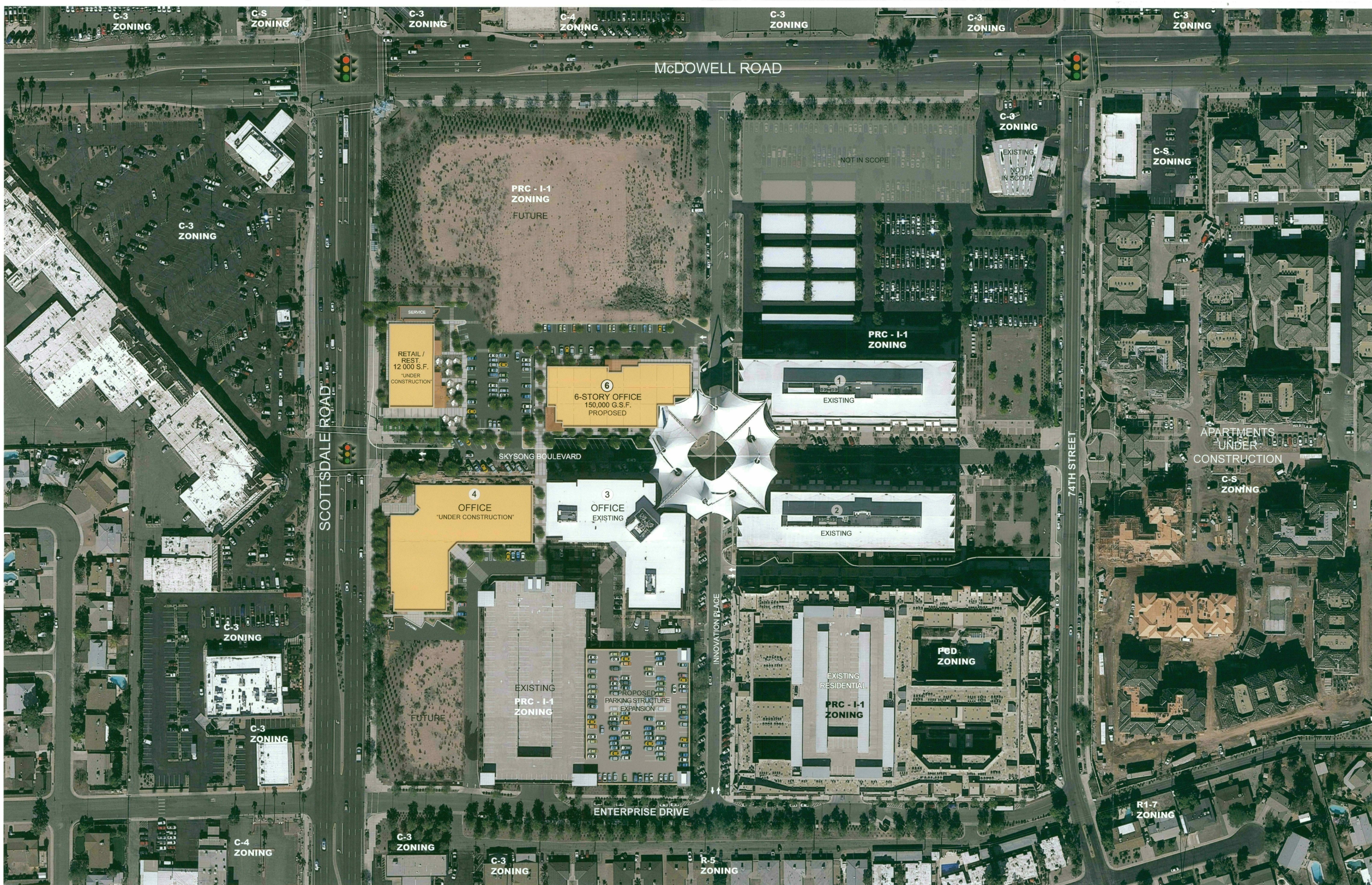


**Full Size or Largest Size**  
**(site plan, landscape, elevations)**



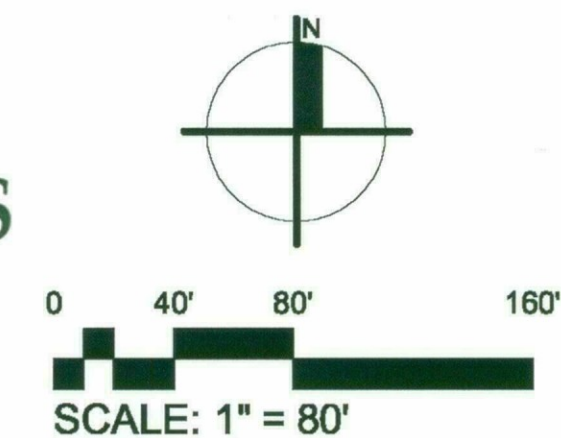
PLAZA COMPANIES

**ASU** Foundation  
for a new AMERICAN UNIVERSITY  
ARIZONA STATE UNIVERSITY

# SKYSONG

SCOTTSDALE ROAD & SKYSONG BLVD.  
SCOTTSDALE, ARIZONA

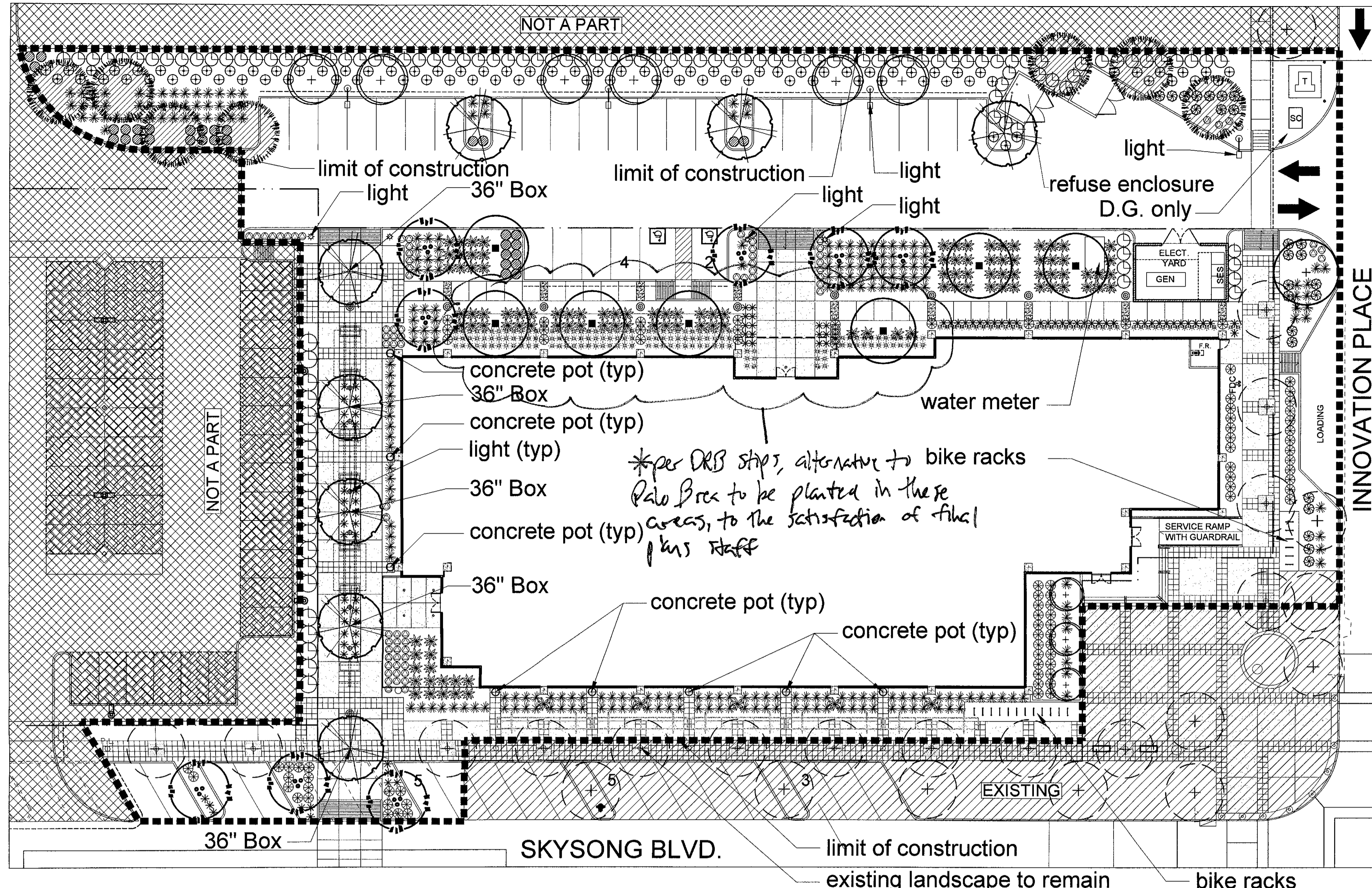
HOLUALOA® COMPANIES



**Bd**  
**g**

Butler Design Group, Inc.  
architects & planners

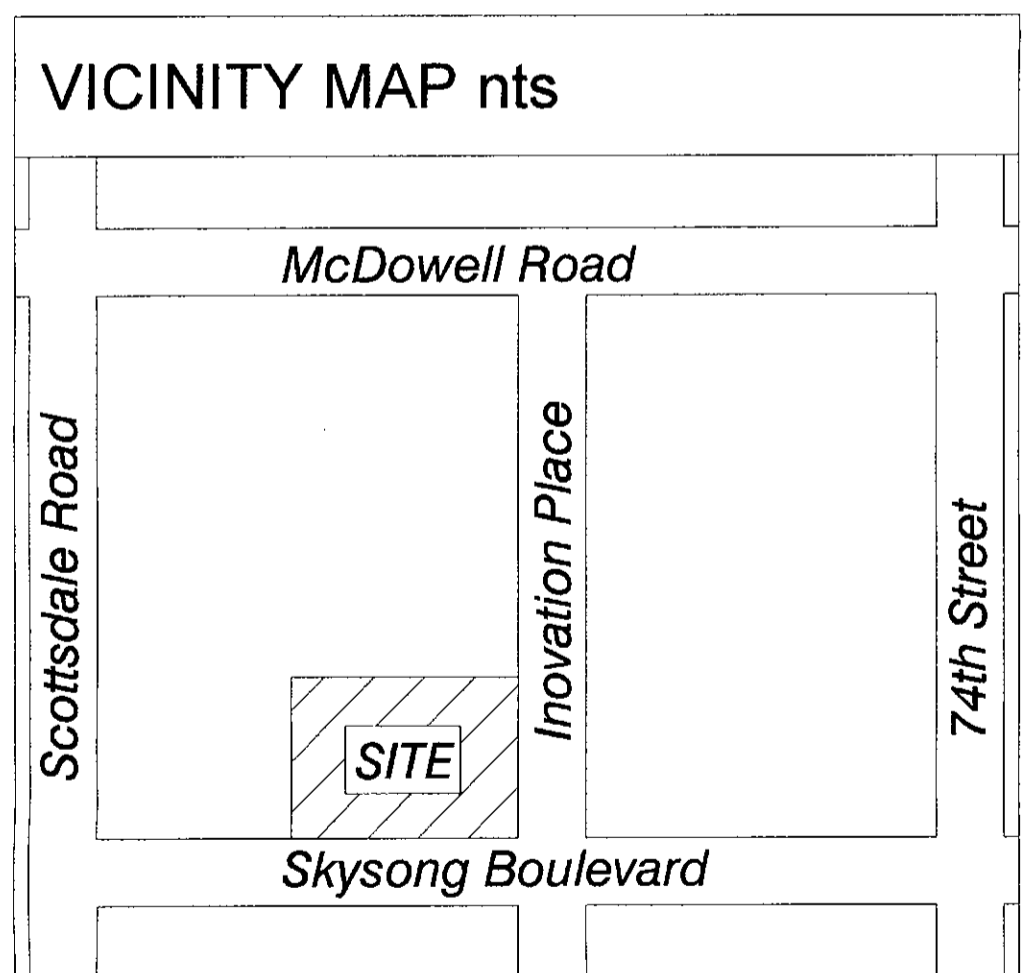
07.21.16  
14005



**LANDSCAPE LEGEND**

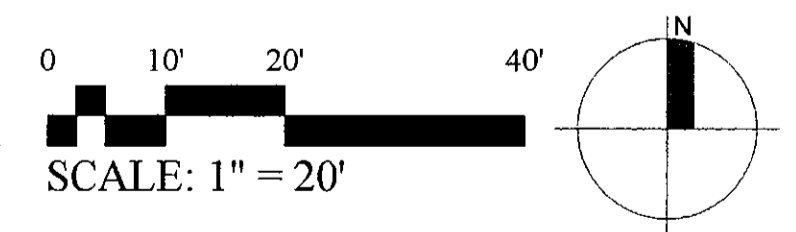
ALL TREES TO MEET OR EXCEED A.N.A. SPECIFICATIONS (U.O.N. - UNLESS OTHERWISE NOTED)

TREES	QNTY	SIZE / CLPR
Parkinsonia praecox Palo Brea	(9)	48" box, 4" cal (1-36" Box) matching, stand.
Parkinsonia hybrid 'Desert Museum' Desert Museum Palo Verde	(8)	24" box, 1" cal. U.O.N. 36" box, 2" cal. low breaking, stand.
Chilopsis linearis Desert Willow	(12)	36" box, 2" cal. low breaking, stand. Matching
Caesalpinia mexicana Evergreen Bird of Paradise	(9)	36" box 2" cal. Multi-trunk
Existing Tree to remain and be protected		varies
Salvage Tree		varies
X Chitalpa tashkentensis Chitalpa tree	(1)	48" box, 4" cal matching, stand.
<b>SHRUBS / ACCENTS / VINES 5 Gallon</b>		<b>GROUNDCOVERS 1 Gallon</b>
Tecoma alata 'Orange Jubilee' Orange Jubilee	(115)	Lantana montevidensis (33)
Asclepias subulata Desert Milkweed	(25)	Trailing Lantana 'Purple & Gold mound' 50/50 mix
Hesperaloe parviflora Red Yucca	(277)	* D.G. - 3/4 screened Apache Brown 2" min thickness in all landscape areas Submit samples to Landscape Architect
Agave murpheyi 'Rodney' Variegated Murphy Agave	(117)	Granite Rip rap- 1" to 3" Apache Brown 2" min thickness in designated landscape areas and splash pad locations
Euphorbia rigida Gopher Plant	(77)	* Verify and match existing decomposed granite on site.
Dasylirion quadrangulatum Toothless Desert Spoon	(97)	
Pedilanthus macrocarpus Lady Slipper	(182)	
Aloe barbadensis Medicinal Aloe	(91)	
Nolina microcarpa Bear Grass	(90)	
Existing Landscape Area		



**POT SCHEDULE**  
 Kornegay DS -38 (38" Diameter)  
 Davis Colors: Omaha Tan 5084  
 Hesperloe funifera 15 GALLON (1)  
 Wedelia trilobata 1 GALLON (2)

**PRELIMINARY LANDSCAPE PLAN**



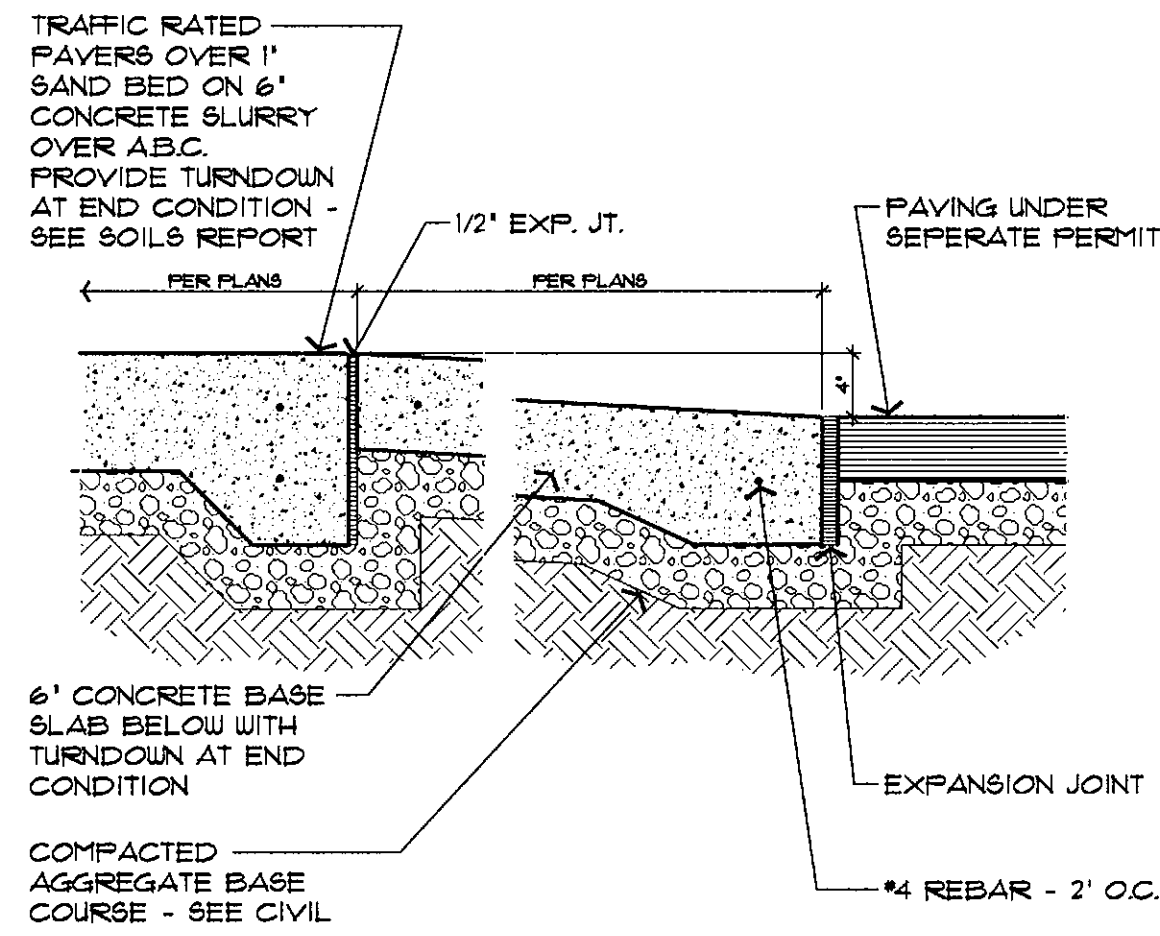
\*As Noted  
 STIPULATION SET  
 RETAIN FOR RECORDS  
 APPROVED  
 DATE 10.17.16  
 INITIALS

**DR.01** 10.4.16  
 7.18.16  
 10046.914

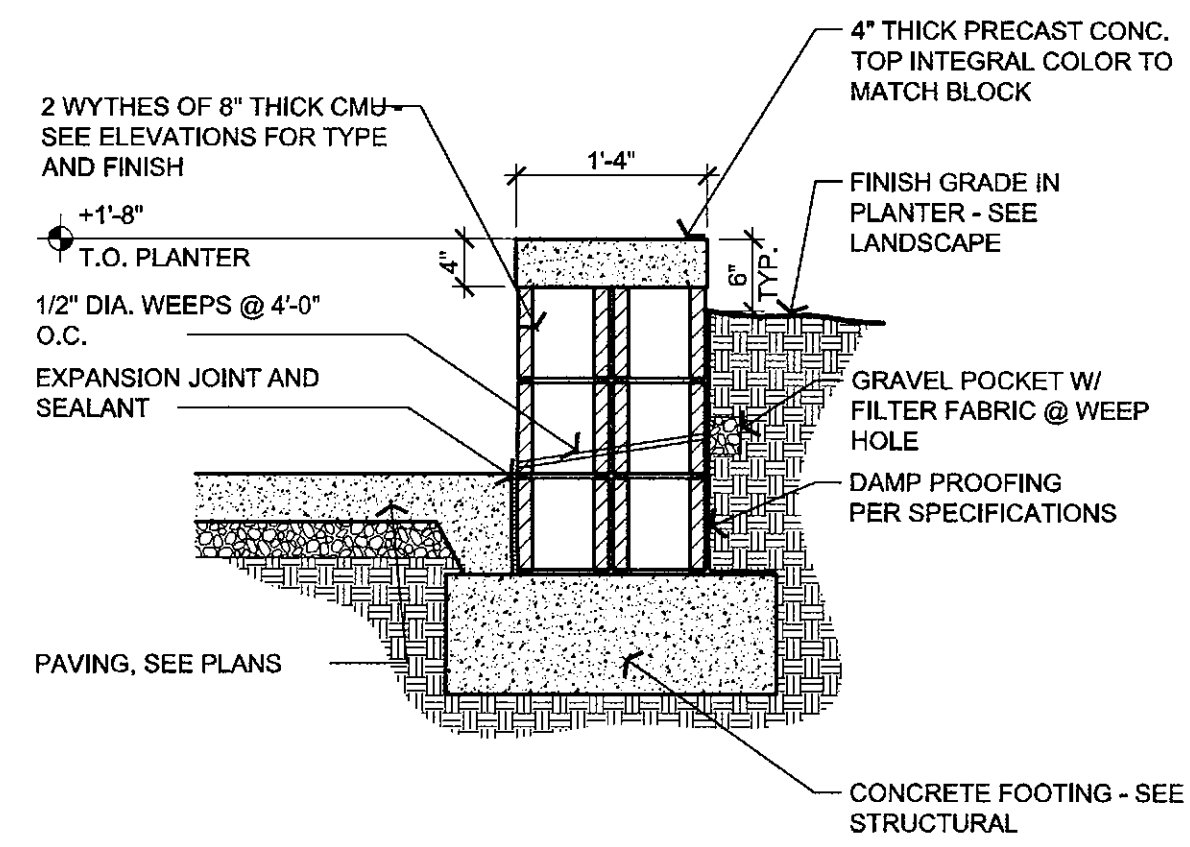
**SKYSONG 6**

SCOTTSDALE ROAD & SKYSONG BLVD.  
 SCOTTSDALE, ARIZONA

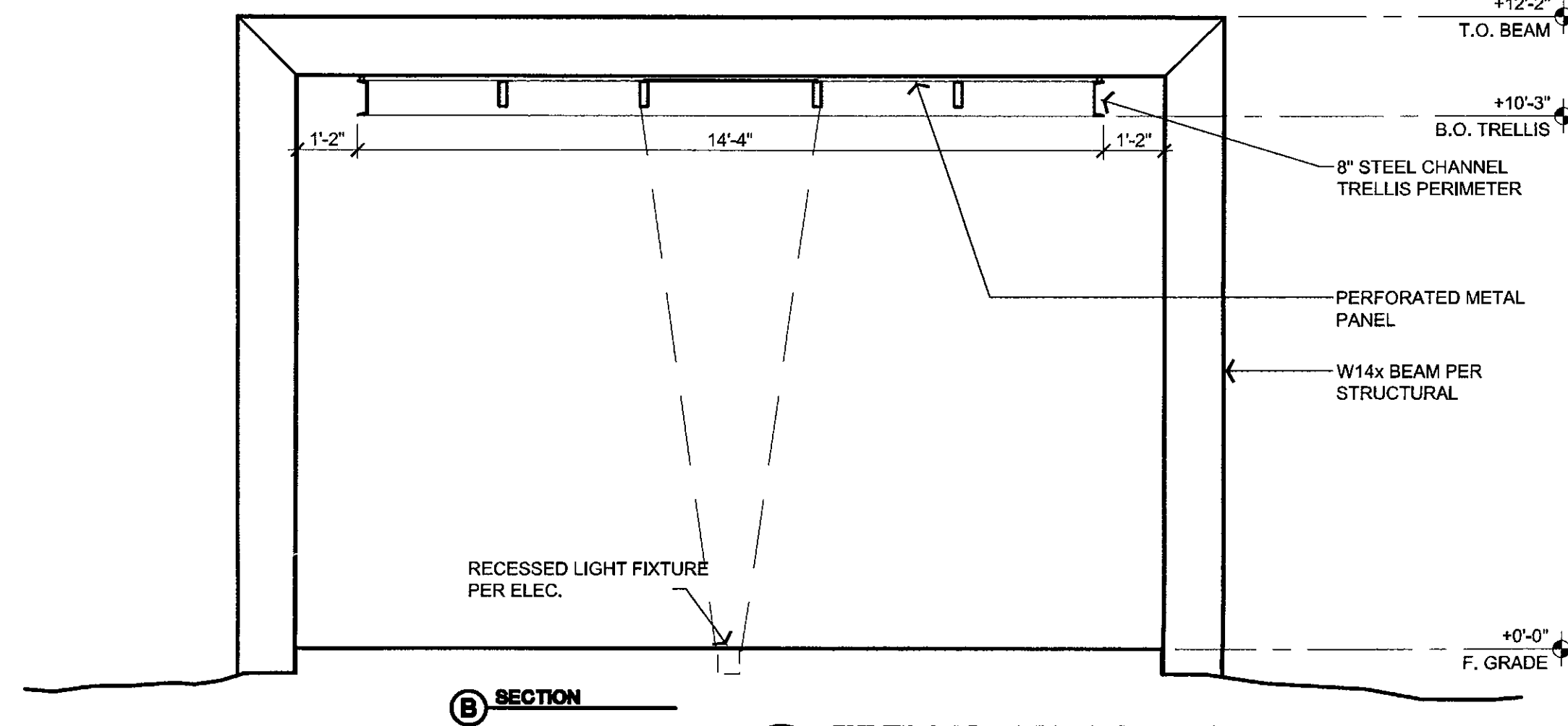
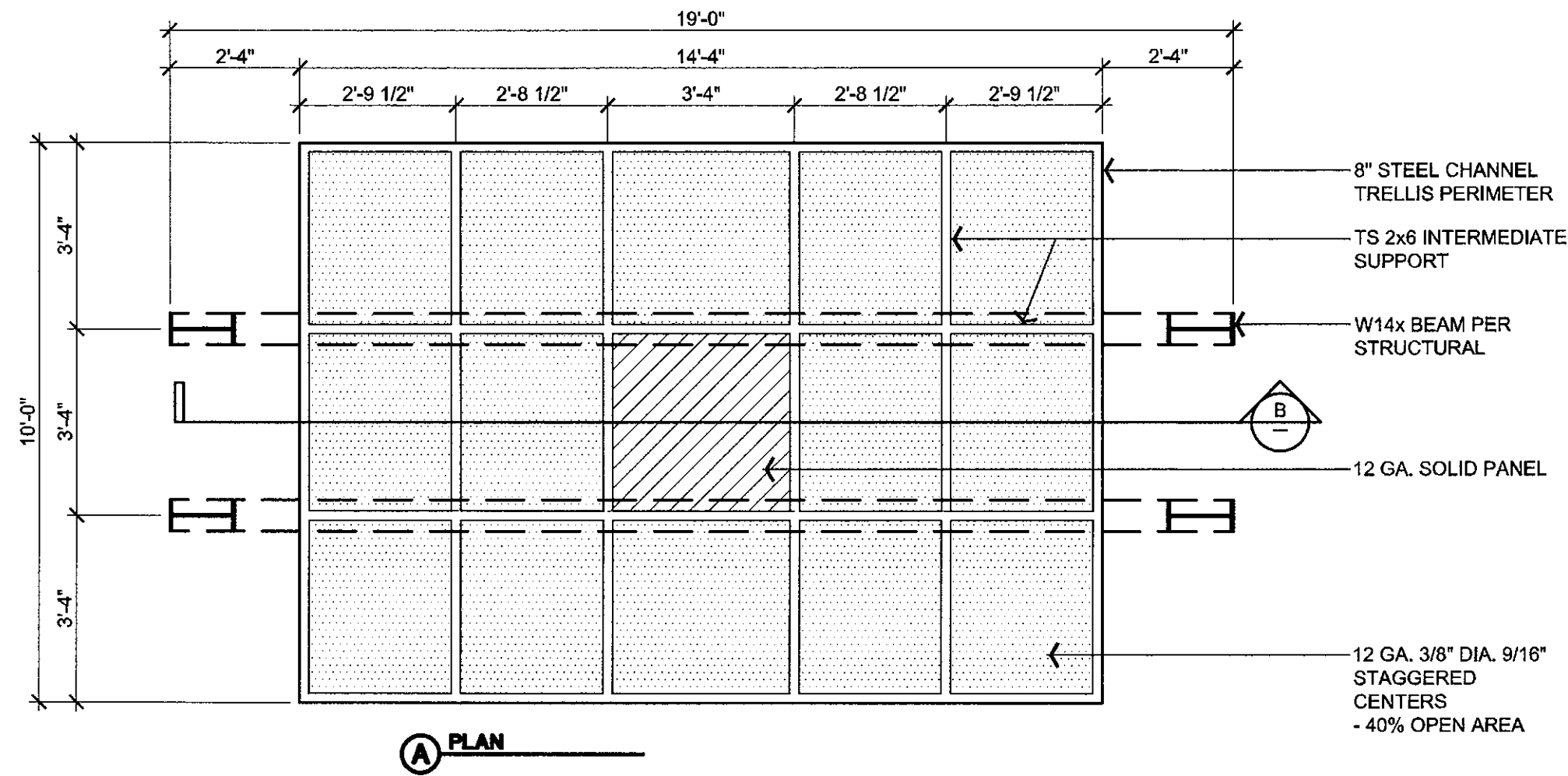




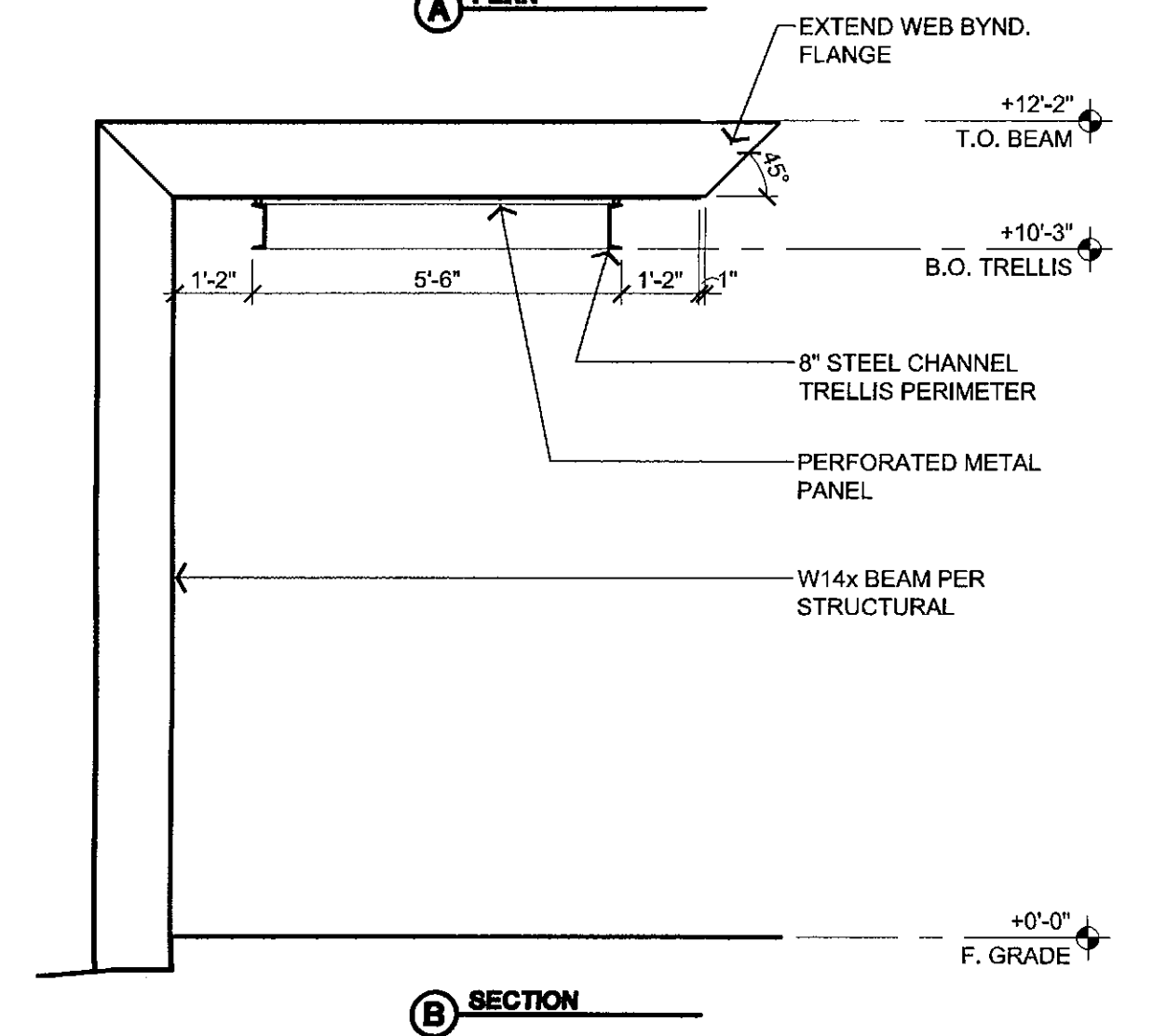
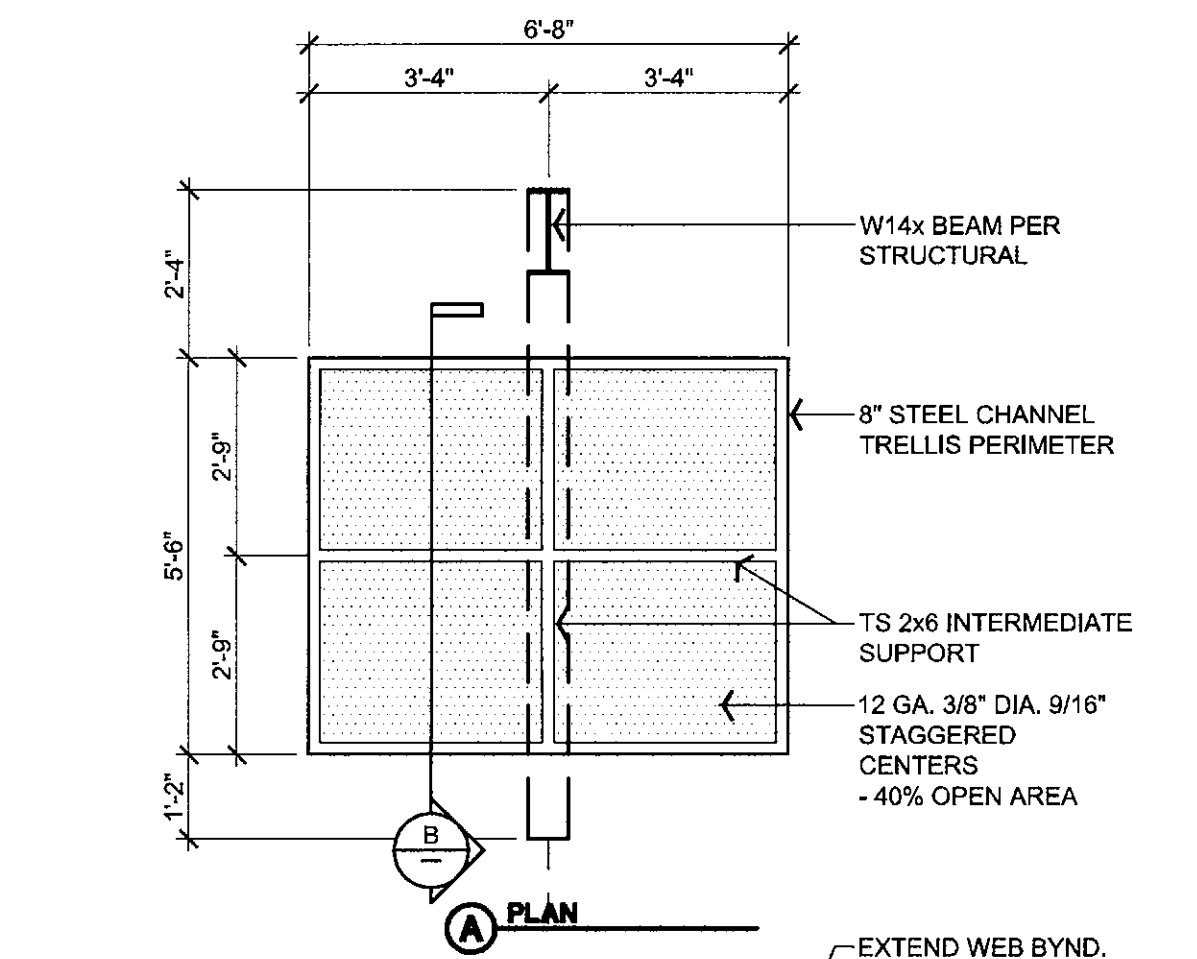
**6 ELEVATED PEDESTRIAN CROSSING**  
SCALE: 1" = 1'-0"



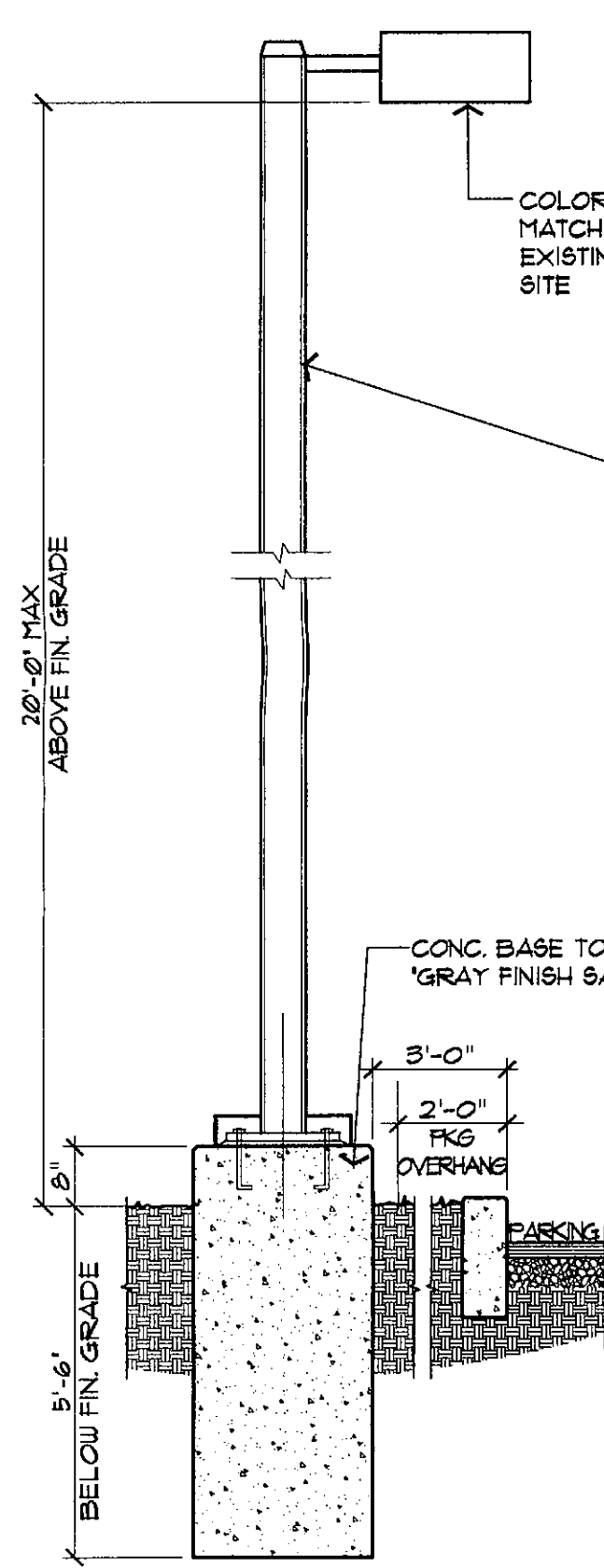
**4 CMU WALL AT RAISED PLANTER**  
SCALE: 3/4" = 1'-0"



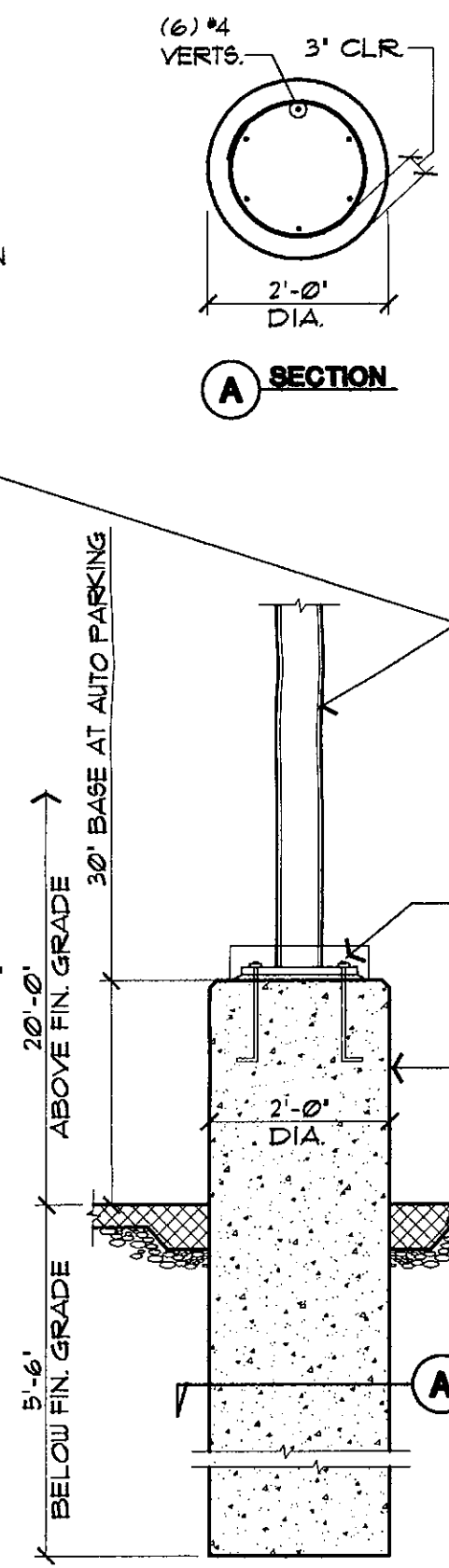
**3 TRELLIS AT COMMON AREA**  
SCALE: 3/8" = 1'-0"



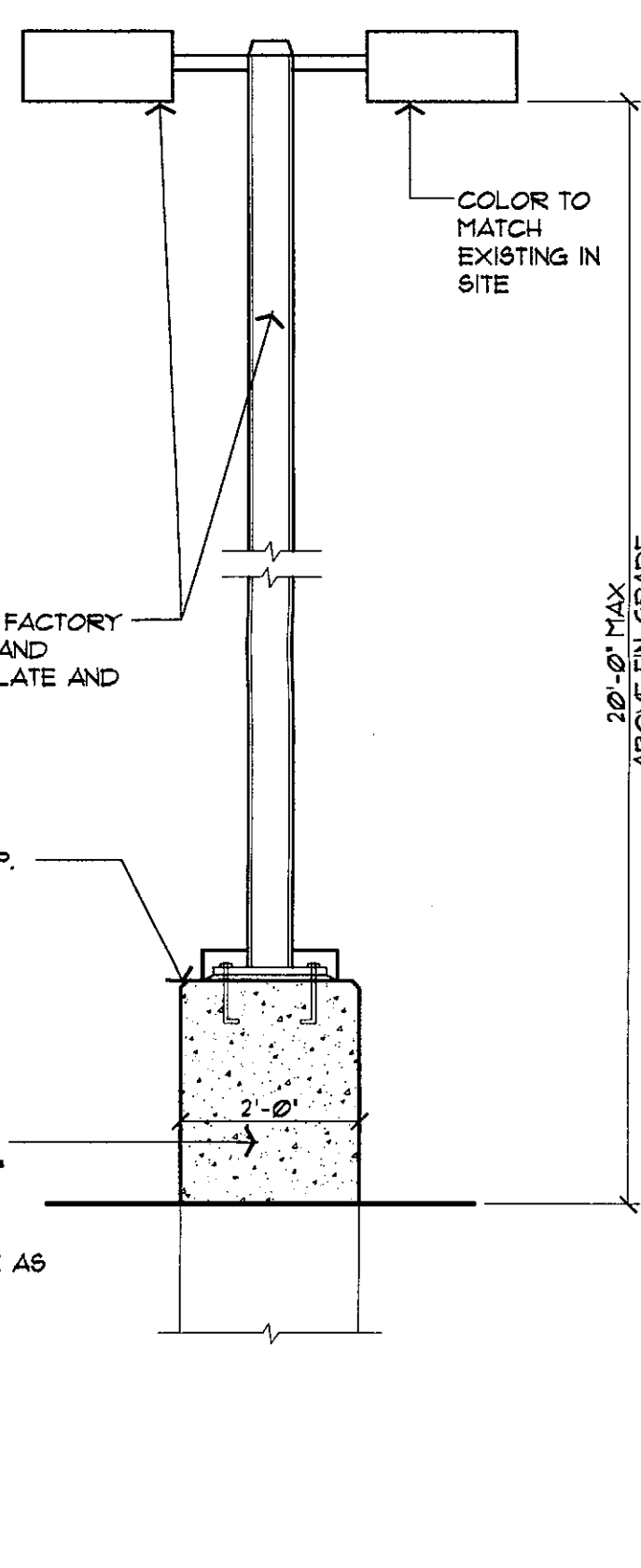
**1 TRELLIS COMMON AREA**  
SCALE: 3/8" = 1'-0"



**LIGHT POLE AT LANDSCAPE**

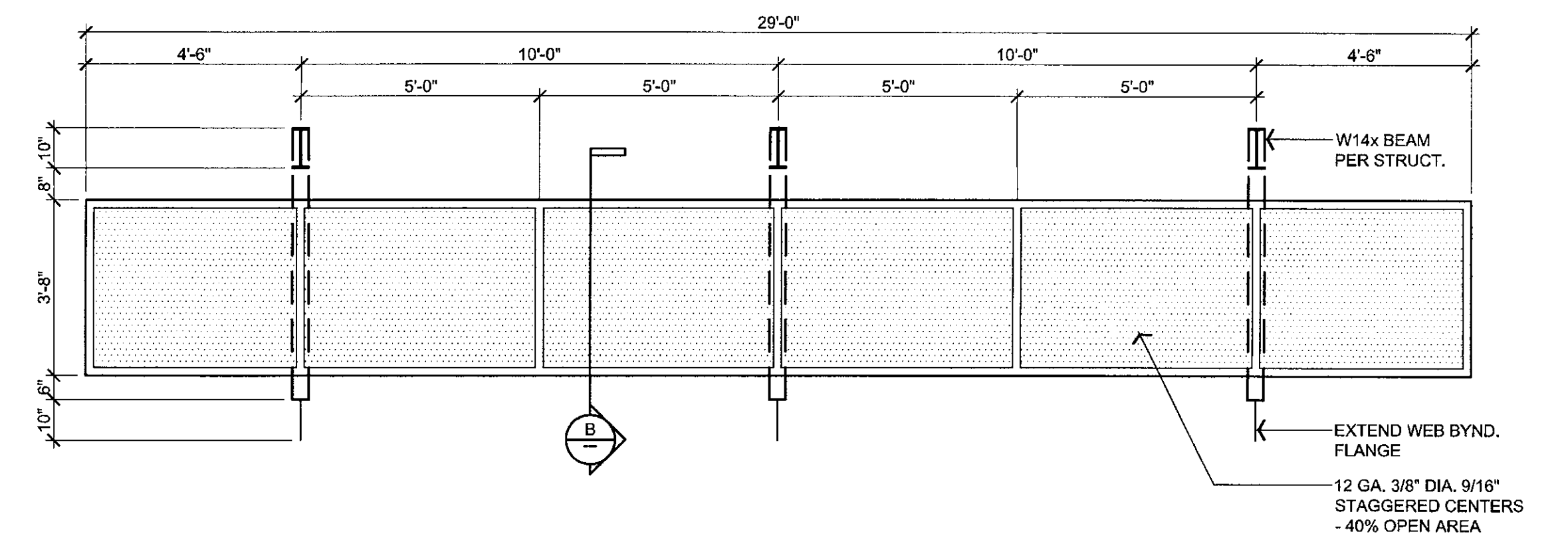
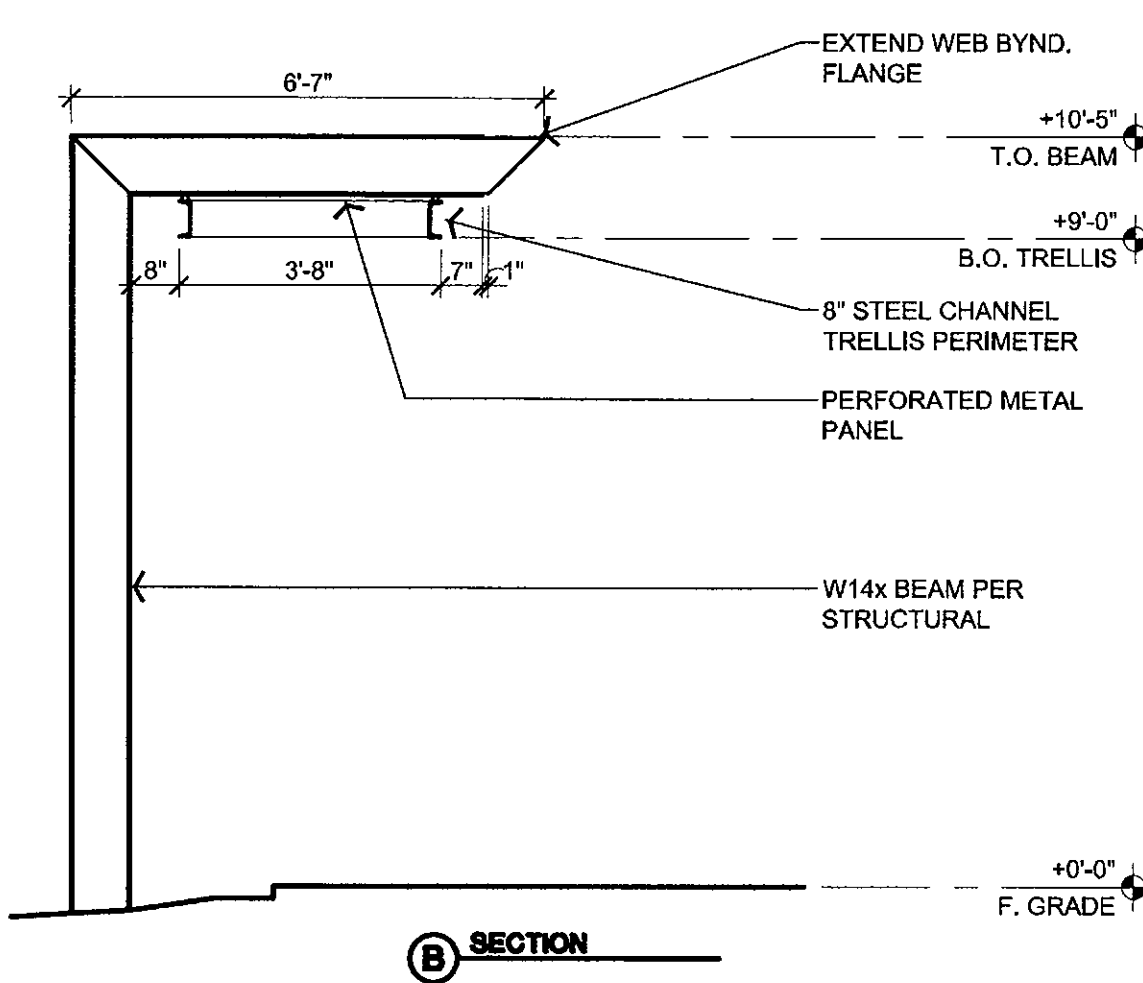


**LIGHT POLE SECTION**



**LIGHT POLE AT PARKING**

**5 LIGHT POLE DETAIL**  
SCALE: 1/2" = 1'-0"



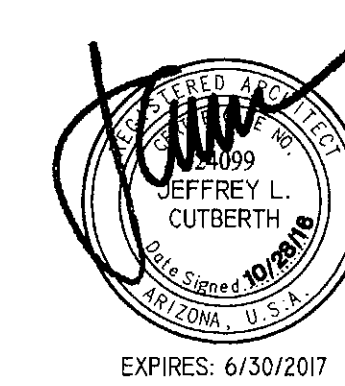
**2 TRELLIS AT BUILDING**  
SCALE: 3/8" = 1'-0"



**SKYSONG 6**  
SCOTTSDALE ROAD & SKYSONG BLVD.  
SCOTTSDALE, ARIZONA

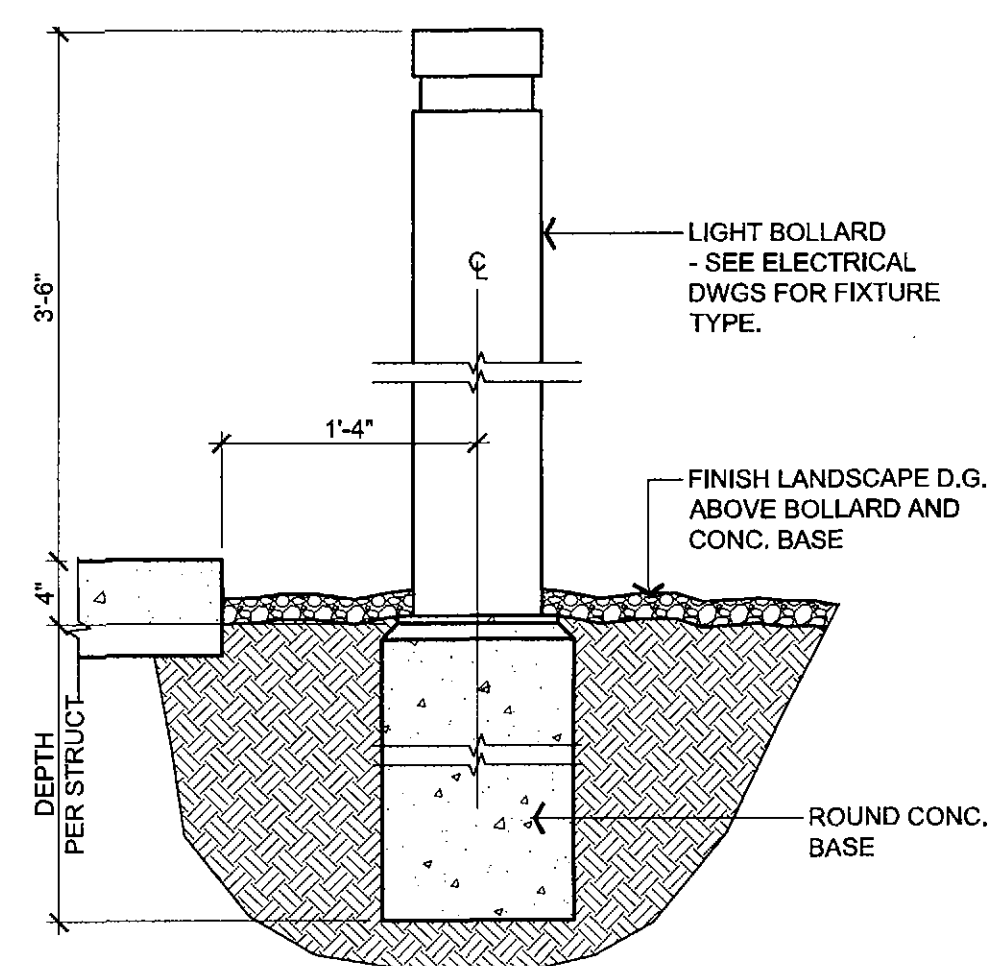
HOLUALOA COMPANIES

SD2 10.28.16  
10046.914

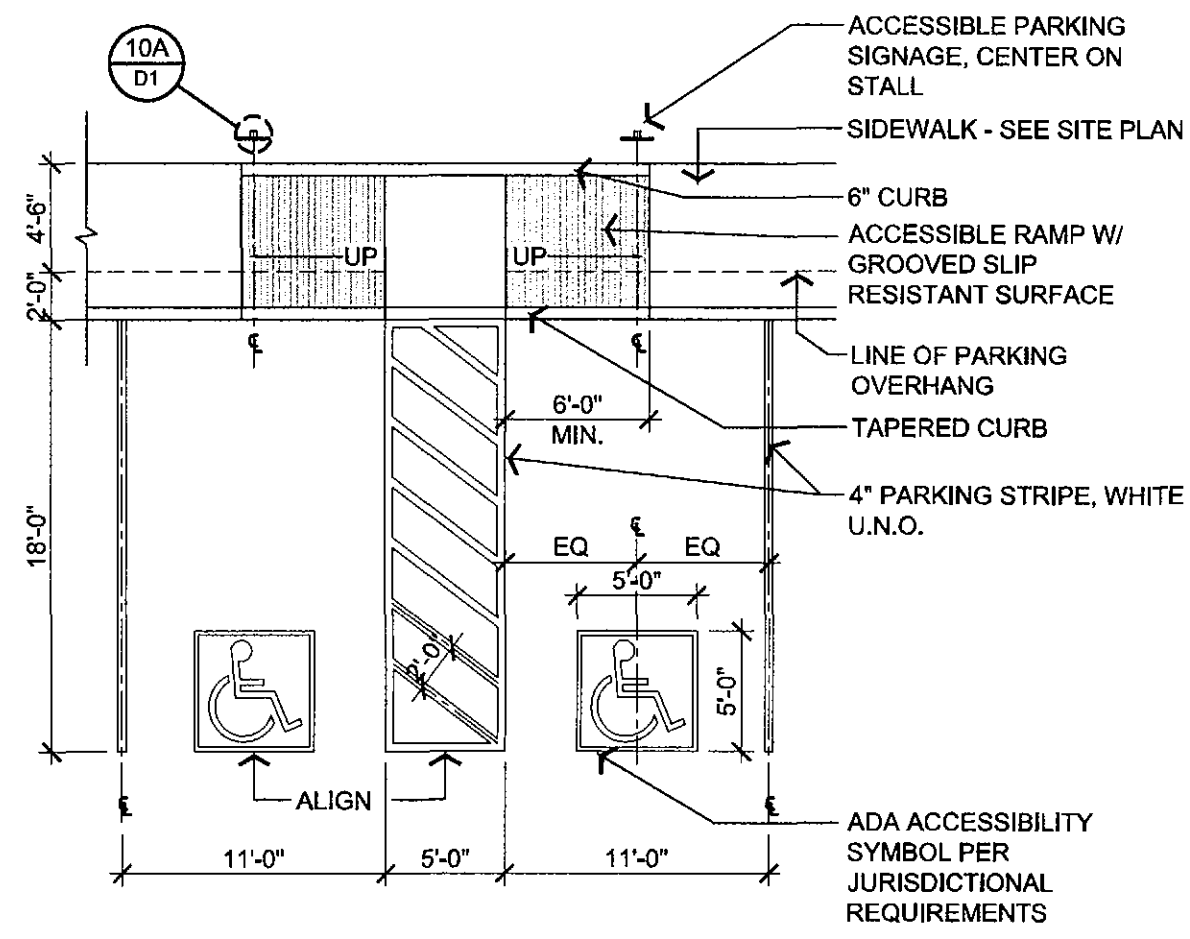


STIPULATION SET  
RETAIN FOR RECORDS  
APPROVED  
DATE INITIALS

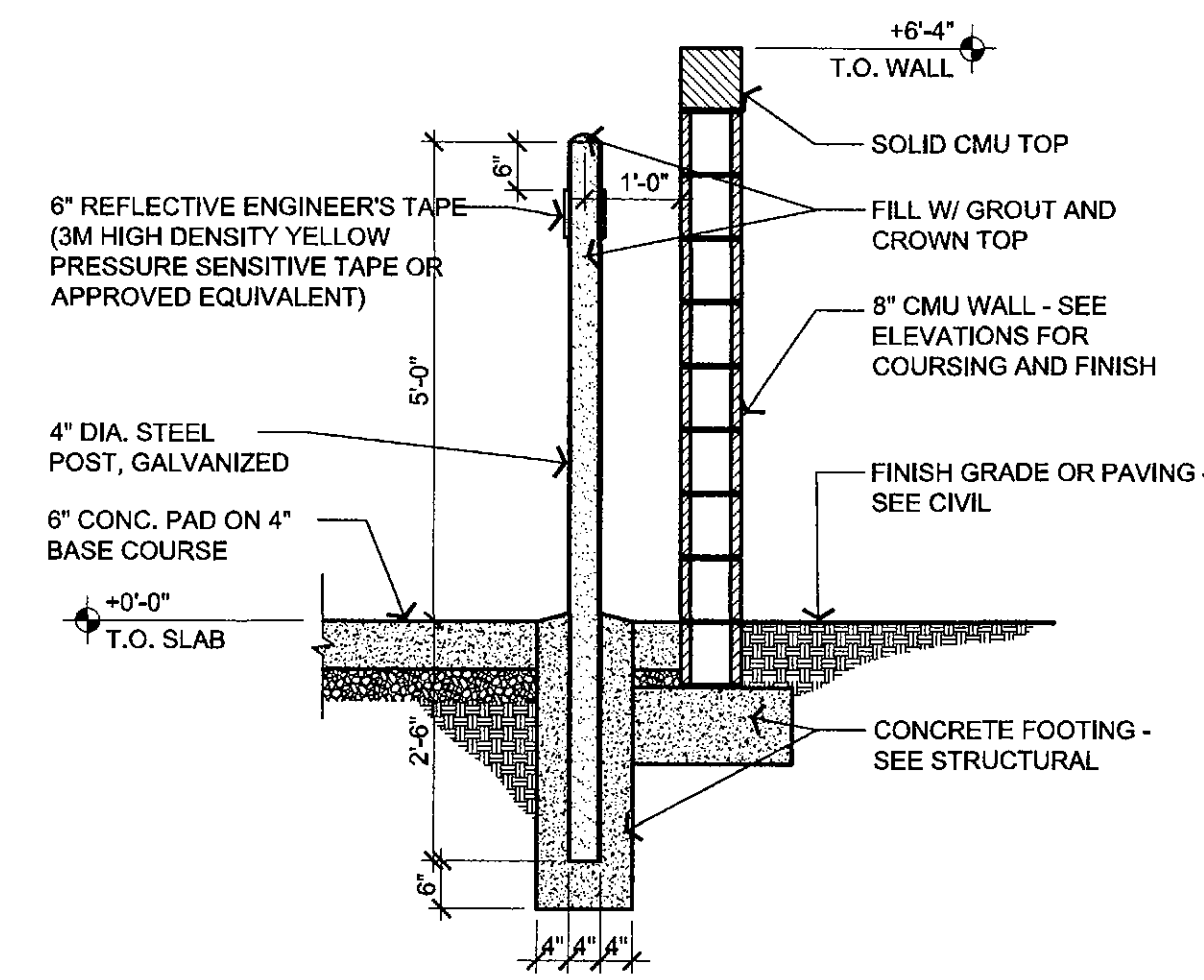




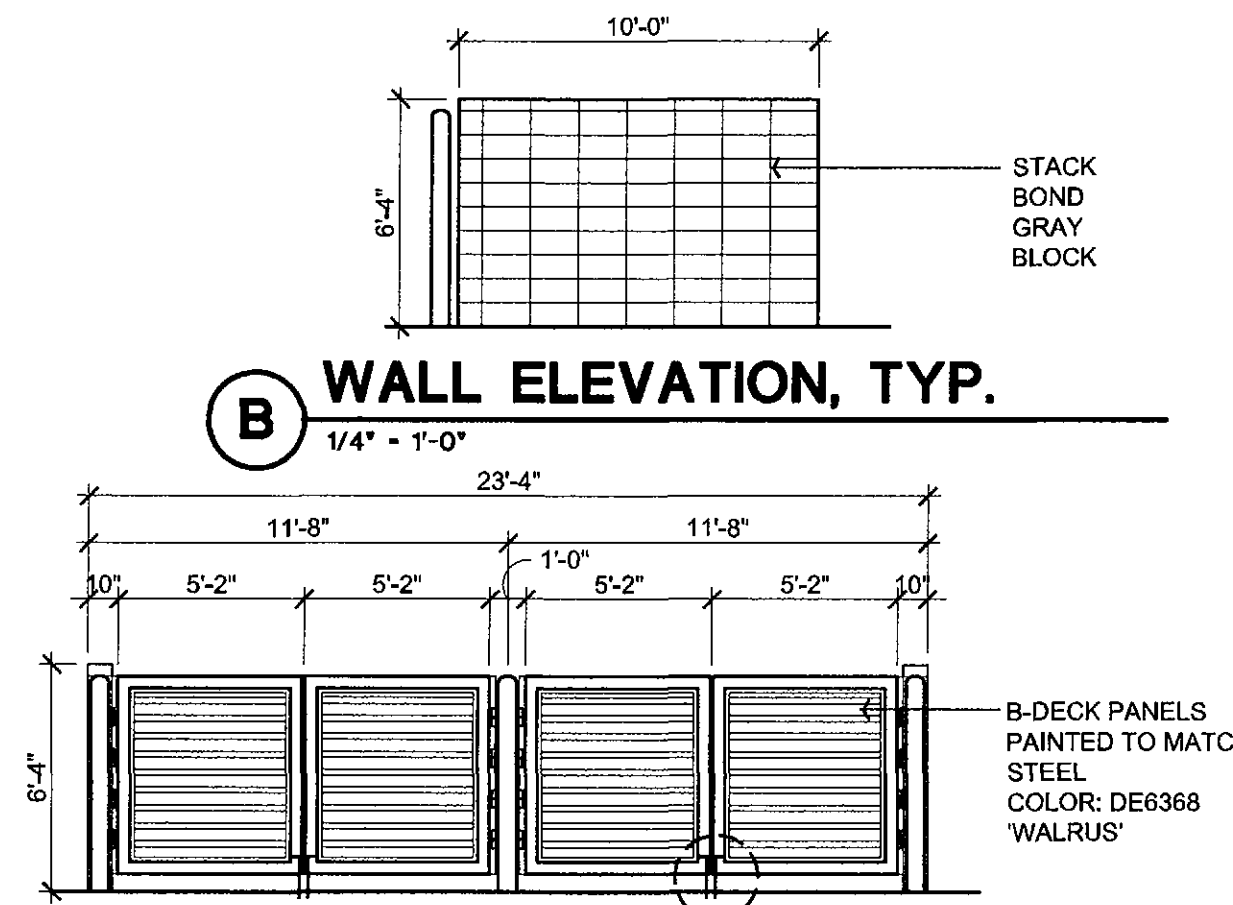
**9 LIGHT BOLLARD**  
1/4" x 1'-0"



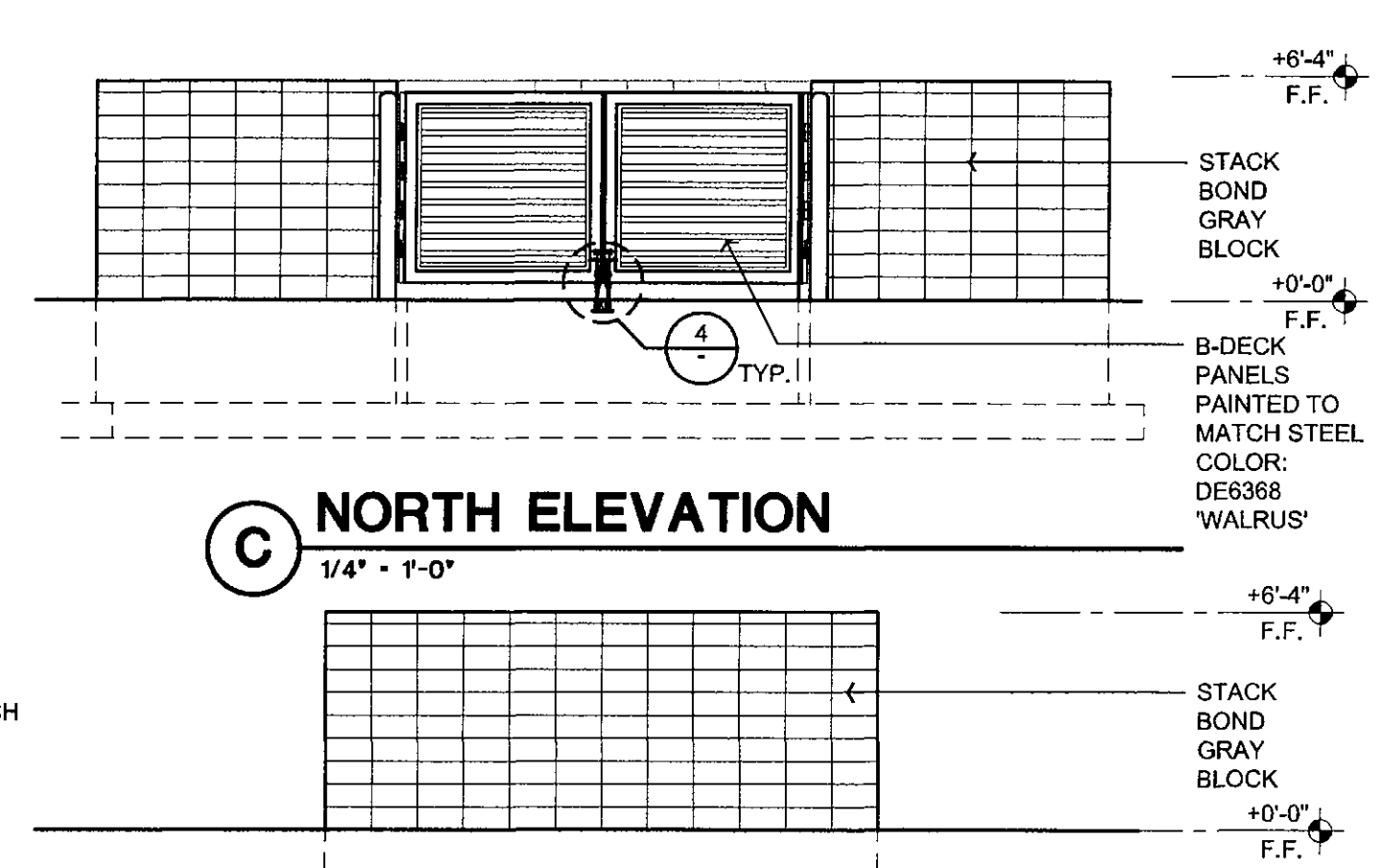
**6 ACCESSIBLE STALL**  
1/4" x 1'-0"



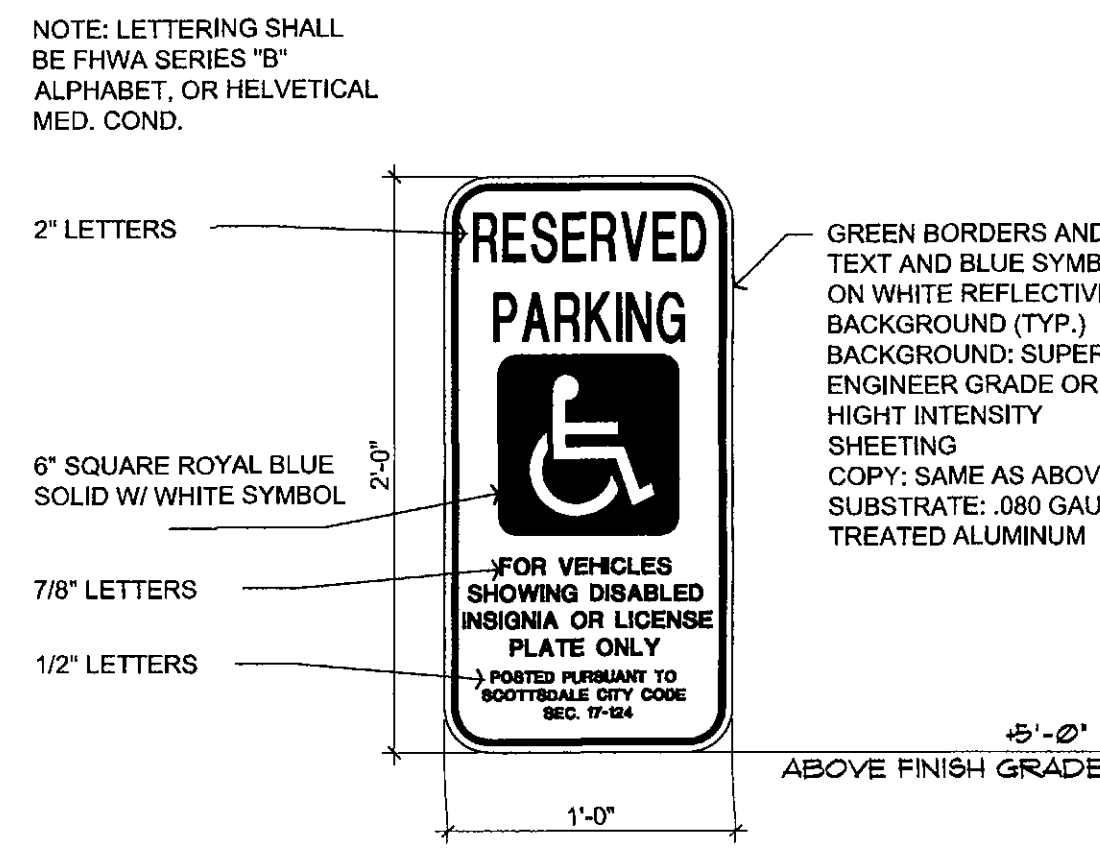
**3 WALL SECTION**  
1/2" x 1'-0"



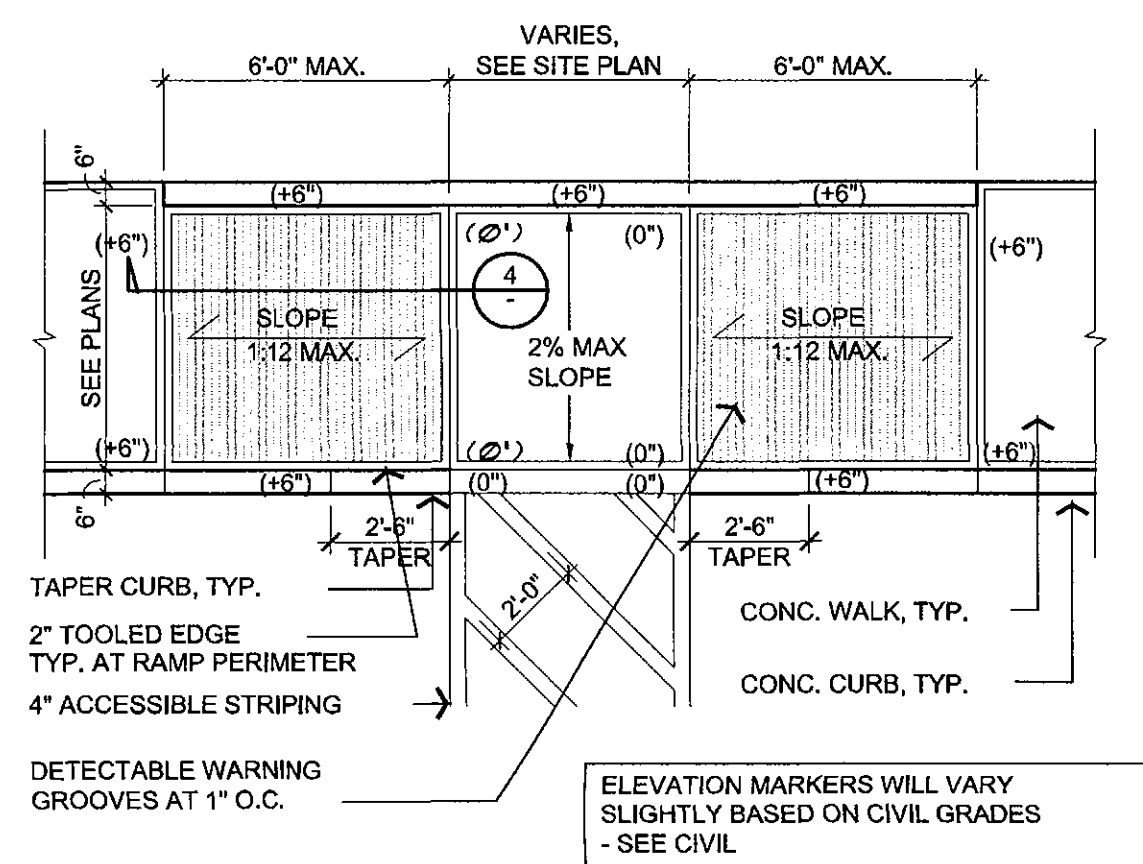
**B WALL ELEVATION, TYP.**  
1/4" x 1'-0"



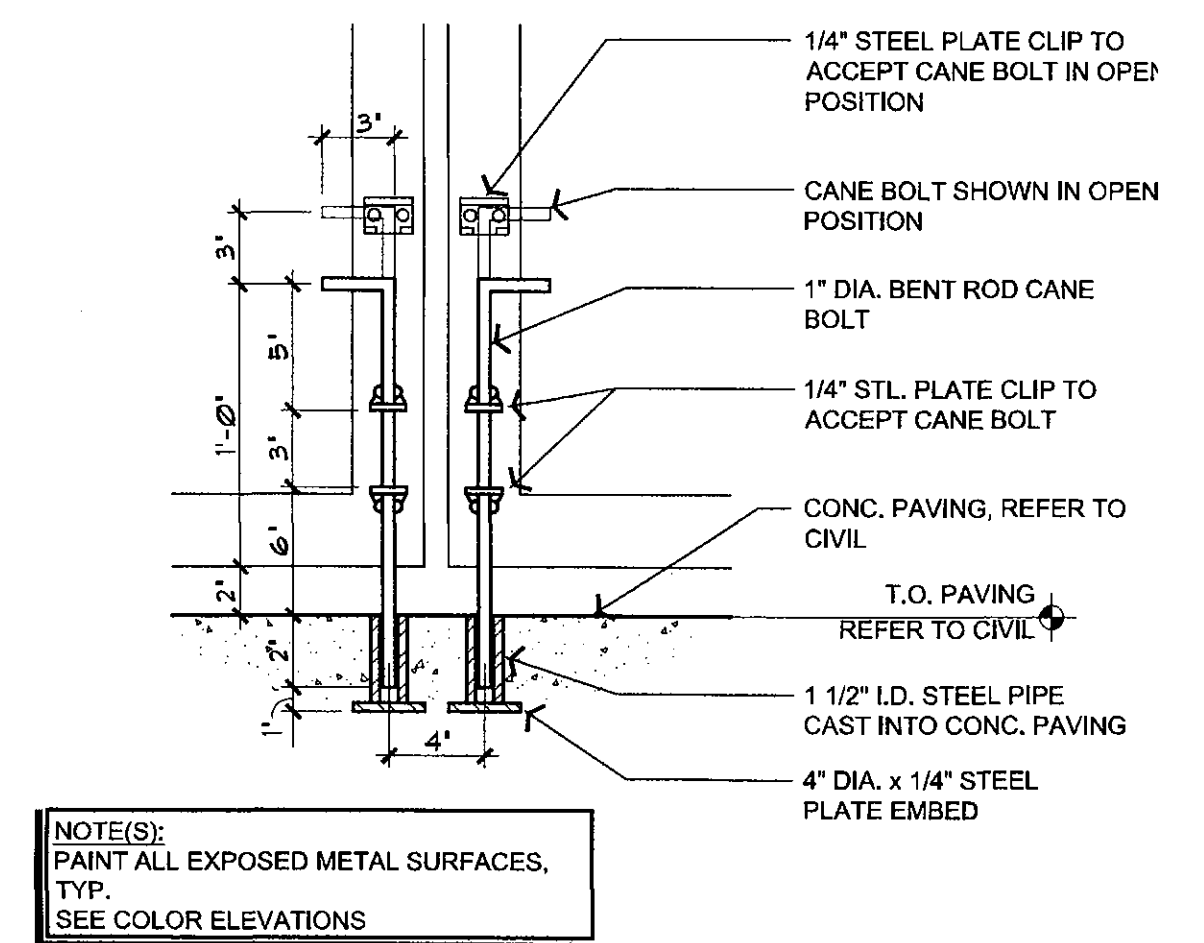
**C NORTH ELEVATION**  
1/4" x 1'-0"



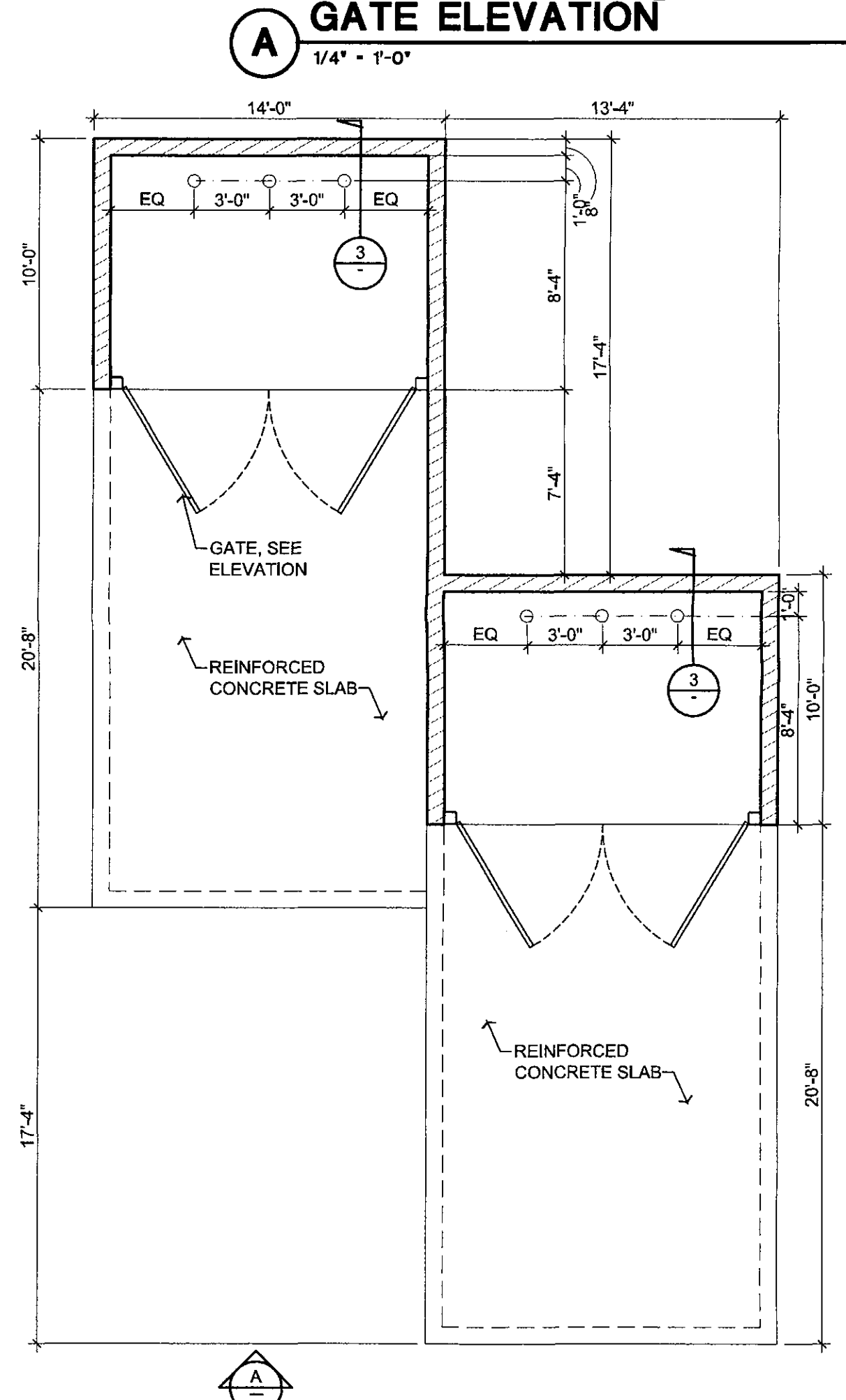
**A ACCESSIBLE SIGN**



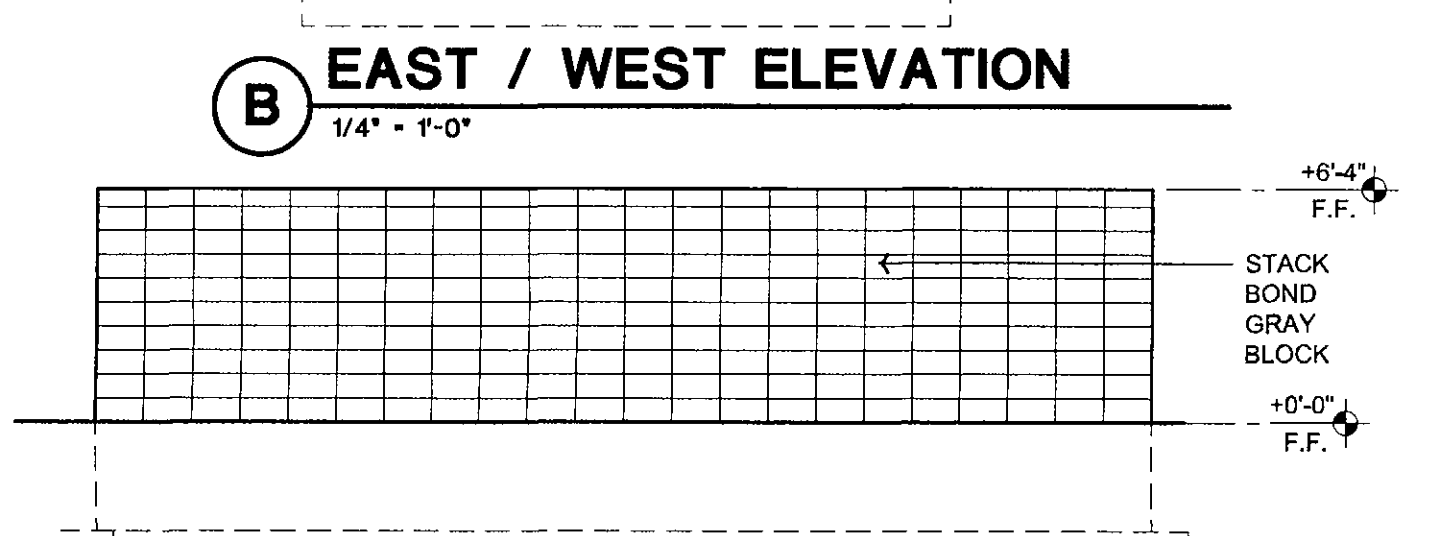
**7 IN-LINE RAMP**  
1/4" x 1'-0"



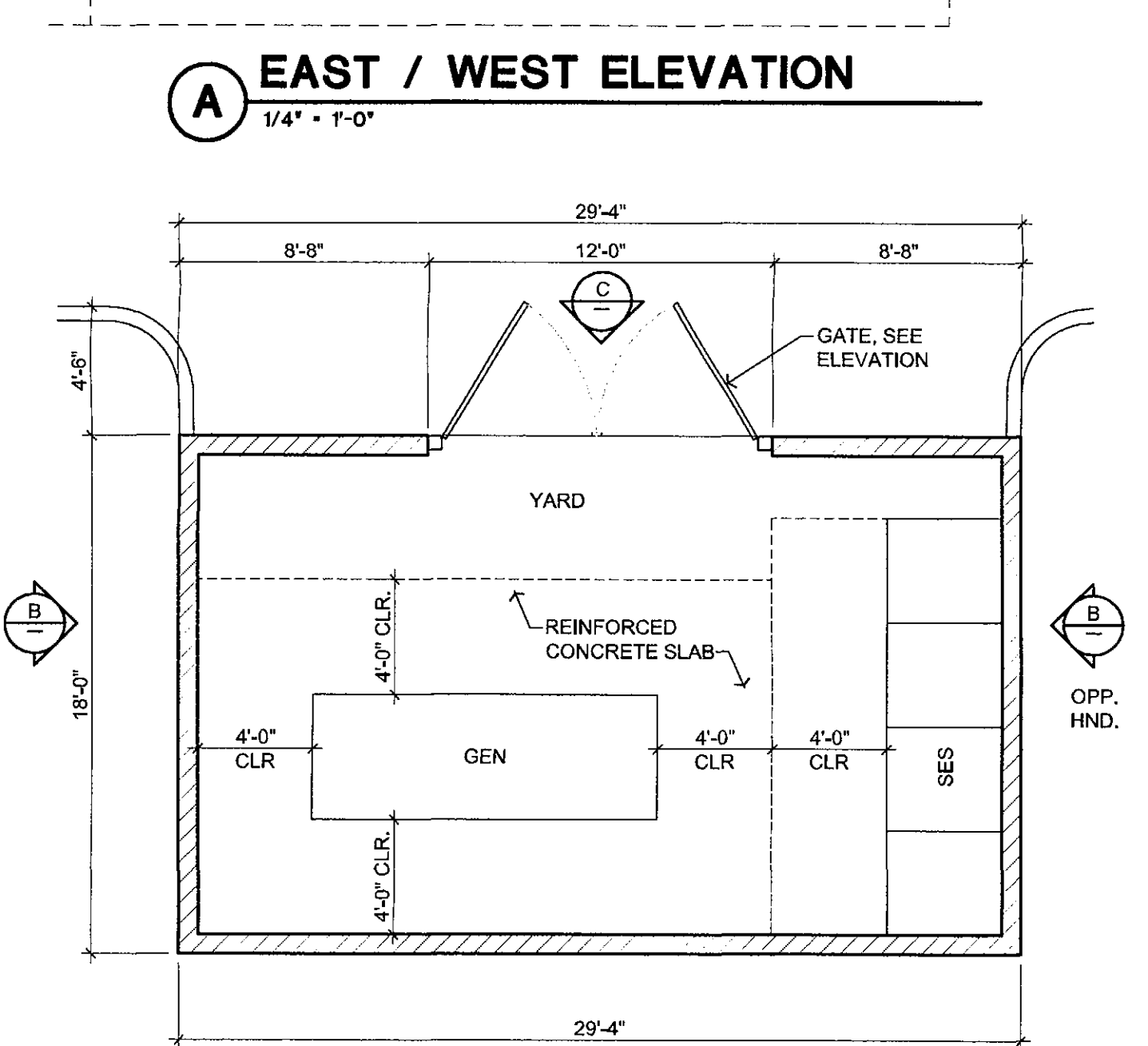
**4 CANE BOLT**  
1 1/2" x 1'-0"



**A GATE ELEVATION**  
1/4" x 1'-0"



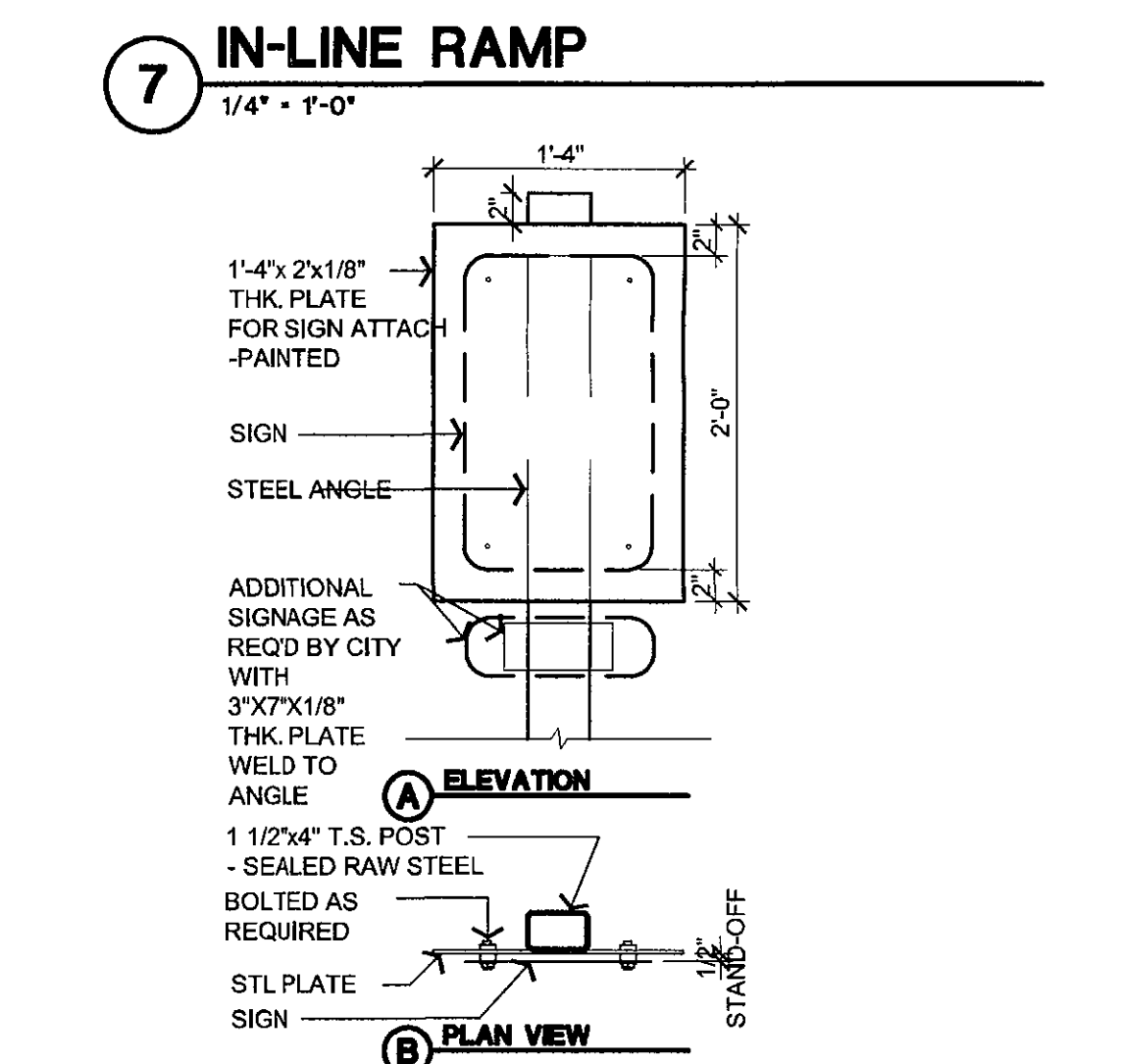
**B EAST / WEST ELEVATION**  
1/4" x 1'-0"



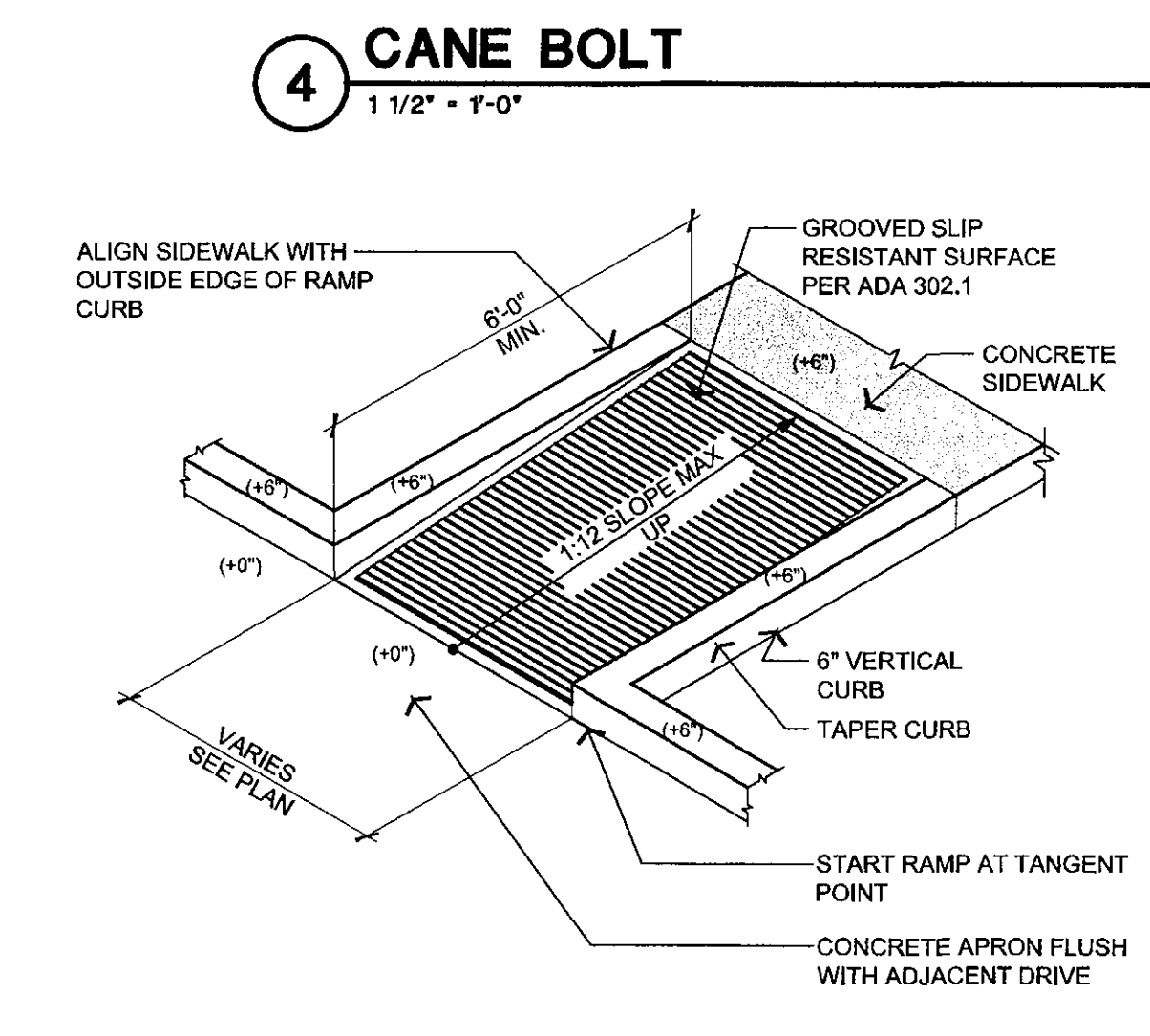
**A EAST / WEST ELEVATION**  
1/4" x 1'-0"



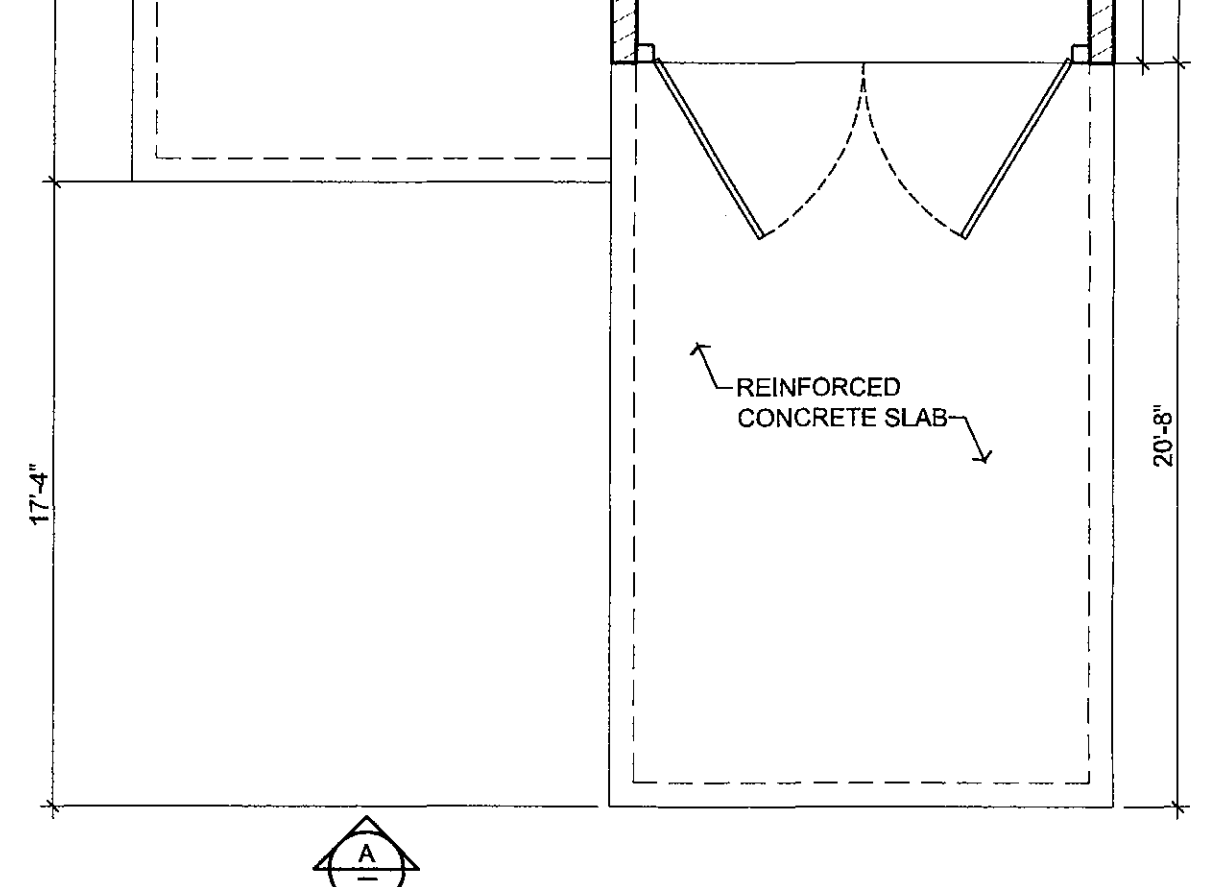
**B FIRE SIGNS**



**8 SIGN POST**  
1/4" x 1'-0"



**5 ACCESSIBLE RAMP DETAIL**  
3/8" x 1'-0"

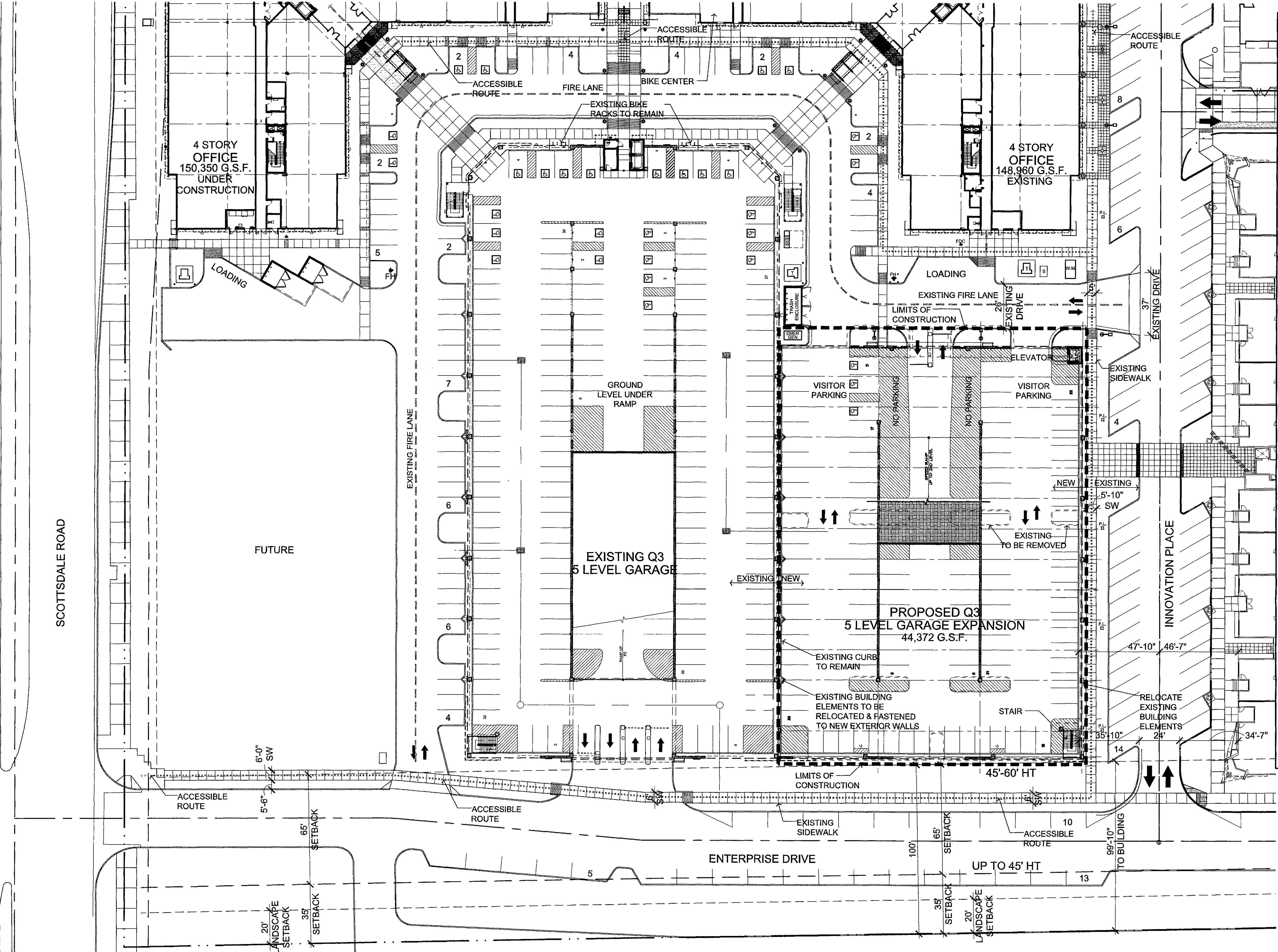


**2 TRASH ENCLOSURE PLAN VIEW**  
1/4" x 1'-0"

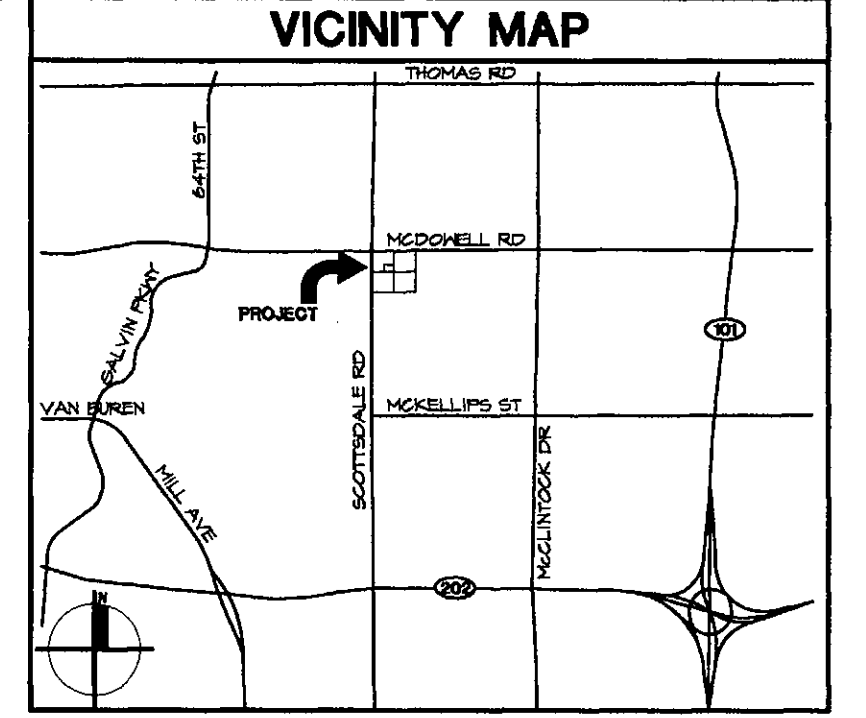
**1 MECHANICAL YARD PLAN VIEW**  
1/4" x 1'-0"

**NOTES:**  
FIRE LANE SIGNS TO BE SPACED AS REQUIRED BY CITY OF SCOTTSDALE FIRE MARSHAL. DOUBLE SIDED SIGN ALONG FIRE ACCESS MAY REQUIRE DOUBLE POSTS. WHEN ALLOWED BY FIRE MARSHAL, PAINTED CURBS SHOWN ON SITE PLAN ARE DESIRED IN LIEU OF FIRE LANE SIGNS.

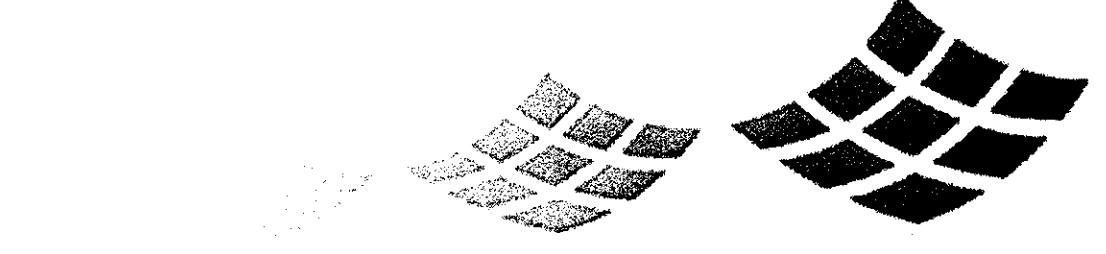
**10 ACCESSIBLE SIGN**  
1/4" x 1'-0"



PROJECT INFORMATION		
ZONING	:PRC AND I-1 PER 26-ZN-2004#2	
SITE AREA (SA)	:475,581 S.F. (1.91 ACRES)	
LIMITS OF CONSTRUCTION AREA	:47,178 S.F. (1.0 ACRES)	
CONSTRUCTION TYPE	:IIB (SPRINKLERED)	
OCCUPANCY	:S-2 PARKING GARAGE	
TOTAL BUILDING FOOTPRINT:	44,372 S.F.	
TOTAL BUILDING AREA:	369,552 S.F.	
LOT COVERAGE:	11%	
BUILDING HEIGHT ALLOWED:	118.81'	
BUILDING HEIGHT PROPOSED:	86'-1"	
PARKING DATA:		
REQUIRED PARKING		
EXISTING		REQUIRED
SS3	148,960 SF / 300	: 497 SPACES
SS4	150,350 SF / 300	: 501 SPACES
NEW REQUIRED		
SS6	150,000 SF / 300	: 500 SPACES
FUTURE		
HOTEL (1.5/1 RM+116 MTG RM)	PER ORD. SEC. 36B2 : 286 / 1	: 286 SPACES
TOTAL PARKING REQUIRED		: 1,784 SPACES
PROVIDED PARKING :		
Q3 - PARKING STRUCTURE		: 1,676 SPACES
SURFACE PARKING		: 137 SPACES
TOTAL PROVIDED		: 1,813 SPACES
Q4 - SURFACE PARKING		: 46 SPACES
TOTAL PARK PROVIDED ( SS3, SS4, SS6, HOTEL)		: 1,859 SPACES
ADA PARKING:		
TOTAL PARKING PROVIDED		:1,859 SPACES
ADA PARKING REQ'D (1,001 & OVER		:29 SPACES
20 SPACES +1/100 OVER 1,000)		:34 SPACES**
ADA PARKING PROVIDED		:22
COVERED ADA REQUIRED (75% OF 29)*		:22
COVERED ADA PROVIDED		:23
* 183 SURFACE PARKING		
- 11 ADA STALLS + 287 TOP OF GARAGE (UNCOVERED) = 459 UNCOVERED		
NON ADA STALLS		
1389 COVERED PARKING - 23 ADA STALLS		
1366 COVERED NON-ADA STALLS		
1366/1817 (TOTAL NON-ADA) = 75%		
** 7 EXTRA ADA SURFACE UNCOVERED STALLS PROVIDED NEAR ENTRIES FOR CONVENIENCE		
PARKING DIMENSIONS:		
STANDARD : 9'x18' (2'-0" OVERHANG)		
ACCESSIBLE : 11'x18' PLUS 5' AISLE (2'-0" OVERHANG)		
DRIVE AISLE : 24' MIN. REQUIRED, 24'/26' PROVIDED		
BICYCLE PARKING PROVIDED: 220		
SSQ1 = 36		SSQ2 = 78
SSQ3 = 28+42 IN A CONDITIONED BLDG (SS3) = 70		SSQ4 = 36
TOTAL REQUIRED = 100 TOTAL PER SEC. 9.103 PARKING REQUIREMENTS		



**SITE PLAN-Q3 GARAGE EXPANSION**  
 SCALE: 1" = 30'-0"  
 SCALE: 1" = 30'



**SKYSONG**  
 SCOTTSDALE ROAD & SKYSONG BLVD.  
 SCOTTSDALE, ARIZONA



**SP2** 10.28.16  
 10046.914



STIPULATION SET  
 RETAIN FOR RECORDS  
 APPROVED  
 DATE: 1-17-17 INITIALS: [Signature]



**PROJECT INFORMATION**

ZONING	: PRC AND I-1 PER 26-ZN-2004#2		
SITE AREA (SA)	: 45,104.68 S.F. (1.03 ACRES)		
LIMITS OF CONSTRUCTION AREA	: 71,125 S.F. (1.6 ACRES)		
CONSTRUCTION TYPE	: IIB (SPRINKLERED)		
OCCUPANCY	: B (BUSINESS) W/ <5% M (MERCANTILE)		
<b>BUILDING AREAS:</b>			
FLOOR AREAS	GBA*	GFA*	NAC*
1ST FLOOR	: 25,060 G.S.F.	: 22,848 S.F.	: 55.60 S.F.
2ND FLOOR	: 26,065 G.S.F.	: 25,305 S.F.	: 117.26 S.F.
3RD FLOOR	: 26,541 G.S.F.	: 25,269 S.F.	: 117.26 S.F.
4TH FLOOR	: 26,176 G.S.F.	: 24,744 S.F.	: 117.26 S.F.
5TH FLOOR	: 25,779 G.S.F.	: 24,750 S.F.	: 117.26 S.F.
6TH FLOOR	: 25,779 G.S.F.	: 24,781 S.F.	: 117.26 S.F.
TOTAL AREA	: 155,400 G.S.F.	: 147,697 S.F.	: 641.90 S.F.

\* - GBA = GROSS BUILDING AREA (OUTSIDE FACE) / FUA = GROSS FLOOR AREA (INSIDE FACE OF EXTERIOR WALL USED FOR OCCUPANCY-WITHIN THE GBA) / NAC = NON-AC AREA (CANOPIES, PROJECTIONS) - OUTSIDE THE GBA

BLDG. HEIGHT = 60' MAX. PER ORD	
3 T.O. CURB @ SCOTTSDALE	: 28.49 SWC/28.81 W/29.00 NWC
AVERAGE T.O. CURB @ SCOTTSDALE	: 28.81
ALLOWABLE BUILDING HEIGHT	: 28.81 + 90 = 118.81
BUILDING FINISH FLOOR (F.F.)	: 24.00
HIGHEST POINT OF LOW SLOPE ROOF	: 86.00' ABOVE F.F.
RELATIVE BUILDING HEIGHT	: 110.00'
ACTUAL BUILDING HEIGHT	: 81.19'

<b>PARKING DATA:</b>		
REQUIRED PARKING		
EXISTING		REQUIRED
SS3	148,960 SF / 300	497 SPACES
SS4	150,350 SF / 300	501 SPACES
NEW REQUIRED		
SS6	150,000 SF / 300	500 SPACES
FUTURE		
HOTEL (1.5/1 RM+116 MTG RM)	PER ORD SEC. 3862 286 / 1	286 SPACES
TOTAL PARKING REQUIRED		1,784 SPACES

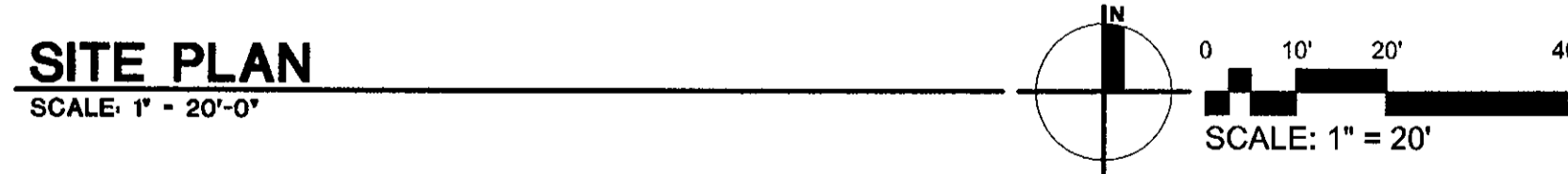
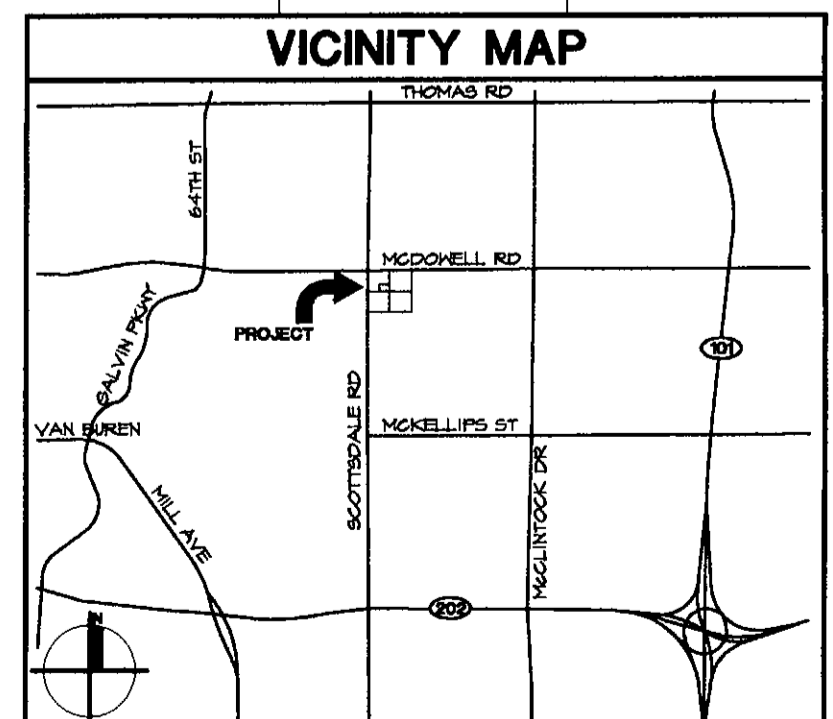
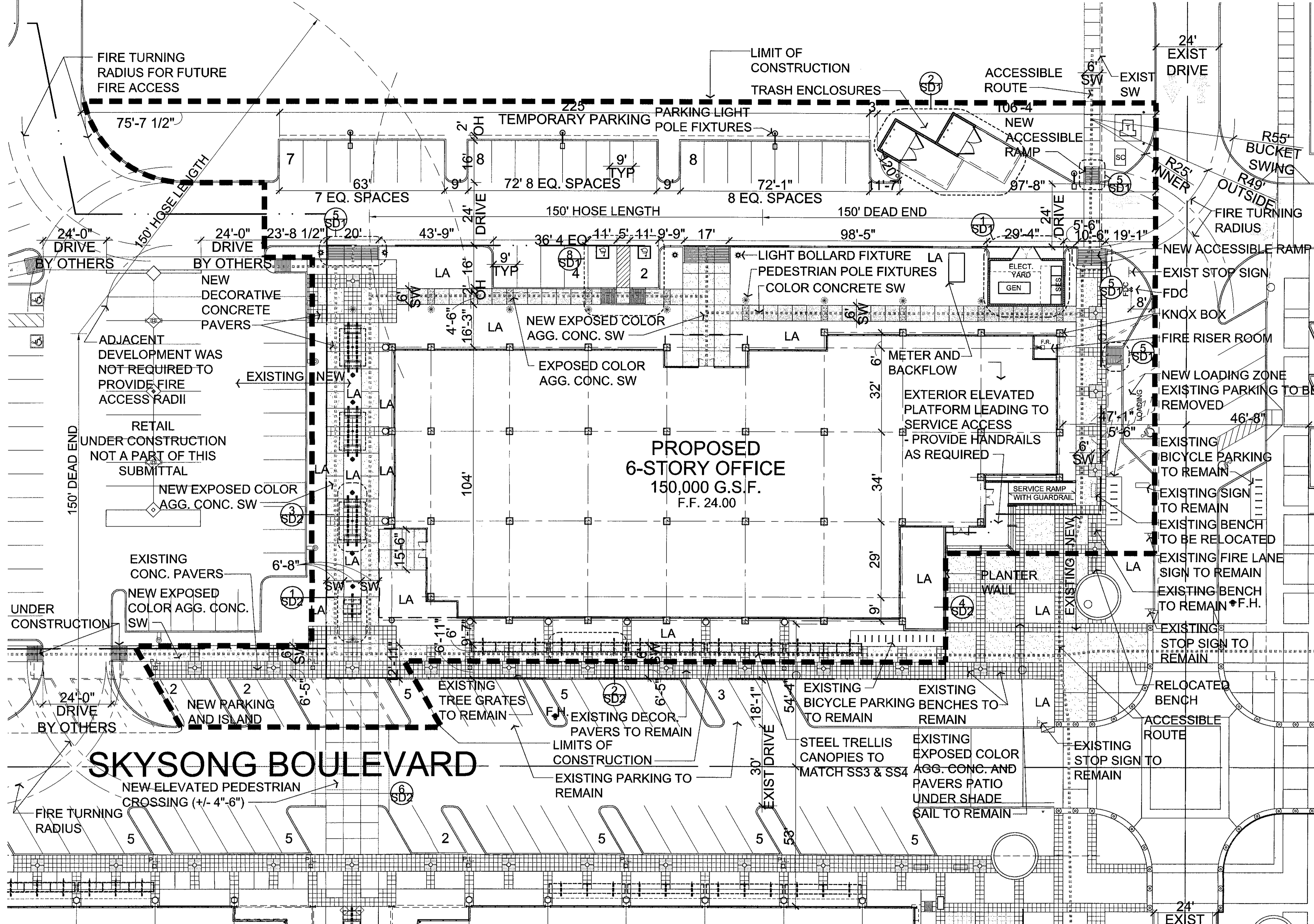
<b>PROVIDED PARKING:</b>		
Q3 - PARKING STRUCTURE		1,676 SPACES
SURFACE PARKING		137 SPACES
TOTAL PROVIDED		1,813 SPACES
Q4 - SURFACE PARKING		46 SPACES
TOTAL PARK PROVIDED ( SS3, SS4, SS6, HOTEL)		1,859 SPACES

<b>ADA PARKING:</b>	
TOTAL PARKING PROVIDED	: 1,859 SPACES
ADA PARKING REQ'D (1,001 & OVER)	: 29 SPACES
20 SPACES + 1/100 OVER 1,000	: 34 SPACES**
ADA PARKING PROVIDED	: 22
COVERED ADA REQUIRED (75% OF 29)*	: 23
COVERED ADA PROVIDED	: 23

\* 183 SURFACE PARKING  
 - 11 ADA STALLS + 287 TOP OF GARAGE (UNCOVERED) = 459 UNCOVERED  
 NON ADA STALLS  
 1389 COVERED PARKING - 23 ADA STALLS  
 1366 COVERED NON-ADA STALLS  
 1366/1817 (TOTAL NON-ADA) = 75%

\*\* 7 EXTRA ADA SURFACE UNCOVERED STALLS PROVIDED NEAR ENTRIES FOR CONVENIENCE

<b>PARKING DIMENSIONS:</b>	
STANDARD	: 9'x18' (2'-0" OVERHANG)
ACCESSIBLE	: 11'x18' PLUS 5' AISLE (2'-0" OVERHANG)
DRIVE AISLE	: 24' MIN. REQUIRED, 24'/26' PROVIDED
BICYCLE PARKING PROVIDED:	220
SSQ1 = 36	SSQ2 = 78
SSQ3 = 70 (28+42 IN BIKE CENTER INSIDE SS3)	SSQ4 = 36
TOTAL REQUIRED = 100 TOTAL PER SEC. 9.103 PARKING REQUIREMENTS	



**PLAZA COMPANIES**

**ASU Foundation**  
 for a new AMERICAN UNIVERSITY  
 ARIZONA STATE UNIVERSITY

# SKYSONG 6

SCOTTSDALE ROAD & SKYSONG BLVD.  
 SCOTTSDALE, ARIZONA

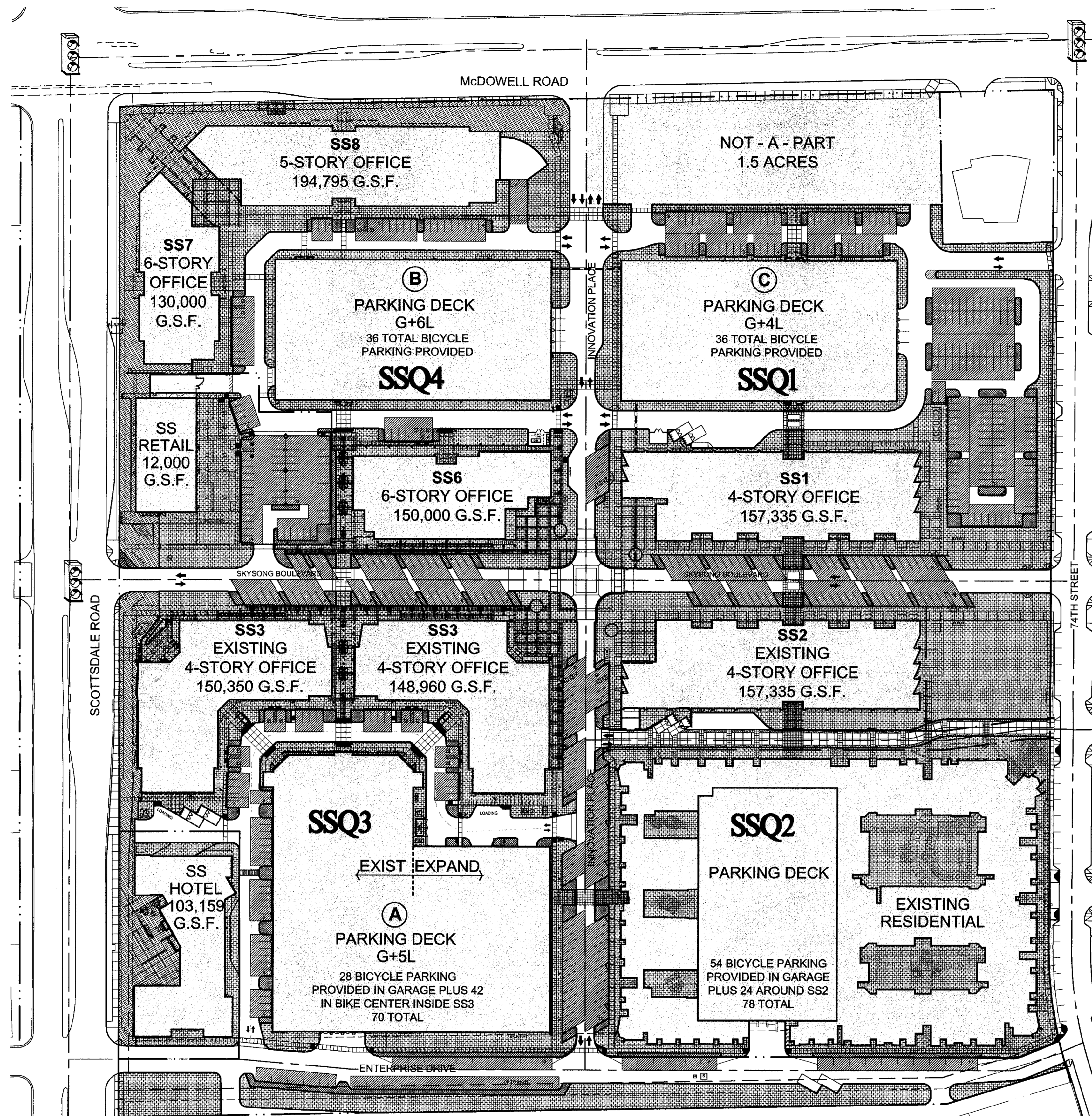
**HOLUALOA COMPANIES**

**SP1** 10.28.16  
 10046.914



STIPULATION SET  
 RETAIN FOR RECORDS  
 APPROVED  
 DATE: 10/27/16 INITIALS: JB





**SITE PLAN WORKSHEET DATA**

**PROJECT DATA:**  
 PROJECT DATA ZONING: PRG AND I-1  
 NET SITE AREA: 1,628,317 S.F. (37.3810 ACRES)  
 BUILDING HEIGHT: 90'-0" (T.O.R)

**OPEN SPACE CALCULATIONS:**  
**REQUIRED OPEN SPACE:**  
 BLDG. HEIGHT = 60' MAX. PER ORD  
 3 T.O. CURB @ SCOTTSDALE :28.81 SWC/28.81 W/29.00 NWC  
 AVERAGE T.O. CURB @ SCOTTSDALE :28.81  
 ALLOWABLE BUILDING HEIGHT :28.81 + 90 = 118.81  
 BUILDING FINISH FLOOR (F.F.) :24.00  
 HIGHEST POINT OF LOW SLOPE ROOF :86.00' ABOVE F.F.  
 RELATIVE BUILDING HEIGHT :110.00'  
 ACTUAL BUILDING HEIGHT :81.19'

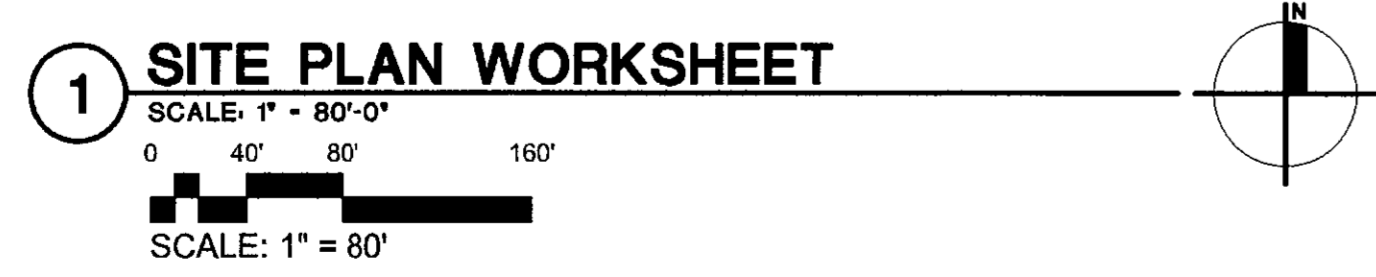
MAXIMUM BUILDING HEIGHT - 90' (T.O.R) PROPOSED  
 (:28.81 + 90 = 118.81 ALLOWED)  
 FIRST 60' OF HEIGHT = 20% NET LOT AREA  
 = .20 X 1,628,317 S.F. = 325,663 S.F.  
 HEIGHT OVER 60' = 21.19 X 500 S.F. = 10,595 S.F.

OPEN SPACE REQUIRED  
 ( NOT INCLUDING PARKING LOT LANDSCAPING )  
 = 325,663 + 10,595 = 336,258 S.F.  
 OPEN SPACE PROVIDED = 384,119 S.F.

PARKING LOT LANDSCAPING REQUIRED  
 PARKING LOT AREA X .15%  
 159,310 S.F. X .15 = 23,897 S.F.  
 PARKING LOT AREA LANDSCAPING PROVIDED = 28,839 S.F.

- DENOTES FRONT OPEN SPACE  
65,839 S.F. TOTAL
- DENOTES OPEN SPACE OTHER THAN FRONTAL OPEN SPACE  
384,119 S.F. TOTAL
- DENOTES PARKING LOT LANDSCAPING  
28,839 S.F. TOTAL
- DENOTES PARKING LOT AREA  
159,310 S.F. TOTAL

- ORDINANCE DEFINITIONS**
1. FRONTAGE OPEN SPACE IS THE MEANINGFUL OPEN SPACE BETWEEN THE STREET LINE AND A BUILDING. FRONTAGE OPEN SPACE GENERALLY PROVIDES A SETTING FOR THE BUILDING AND VISUAL CONTINUITY WITHIN THE COMMUNITY. FRONTAGE OPEN SPACE MAY EXTEND BETWEEN STRUCTURES OR BETWEEN A STRUCTURE AND A SIDE PROPERTY LINE TO A DEPTH OF NOT MORE THAN ONE-HALF (1/2) THE WIDTH OF THE OPENING.
  2. OPEN SPACE IS MEANINGFUL OUTDOOR SPACE FOR PASSIVE OR ACTIVE USE. IT INCLUDES, BUT IS NOT LIMITED TO, SETTINGS FOR DEVELOPMENT, RECREATION AREAS, LANDSCAPING, HARDSCAPE, WATER FEATURES, SEATING AREAS, PLAZAS, GAZEBOS, SIDEWALKS AND TRAILS. OPEN SPACE DOES NOT INCLUDE PARKING AREAS OR PARKING LOT LANDSCAPING.



**SKYSONG 6**  
 SCOTTSDALE ROAD & SKYSONG BLVD.  
 SCOTTSDALE, ARIZONA

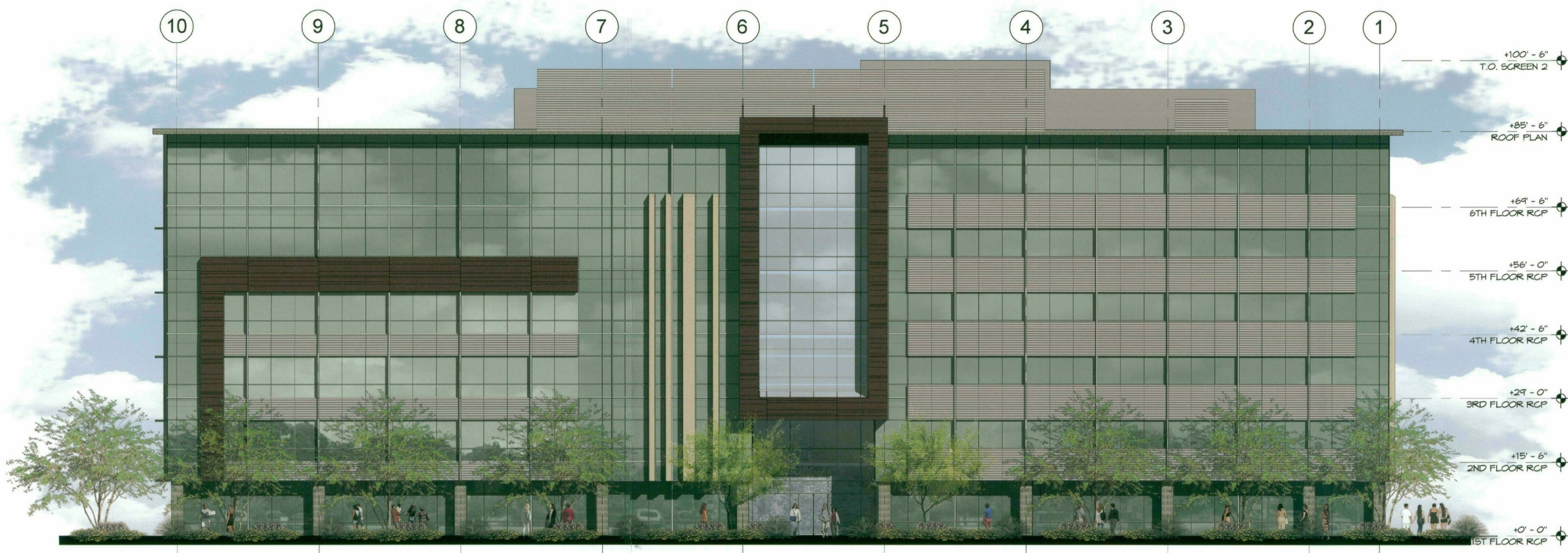


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 RETAIN FOR RECORDS  
 APPROVED  
 DATE: 1-5-17 INITIALS: [Signature]

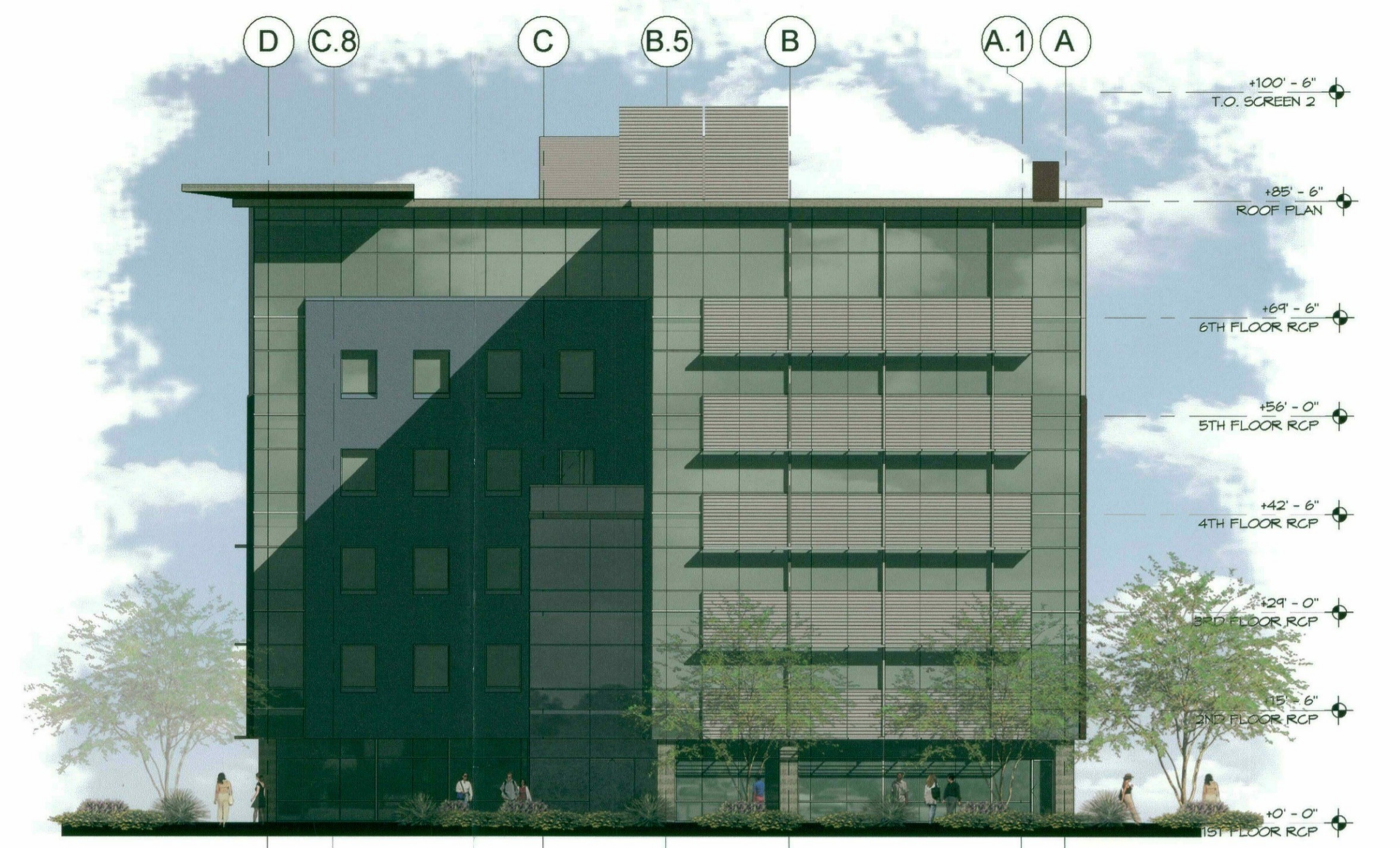
SPW 10.28.16  
 10046.914







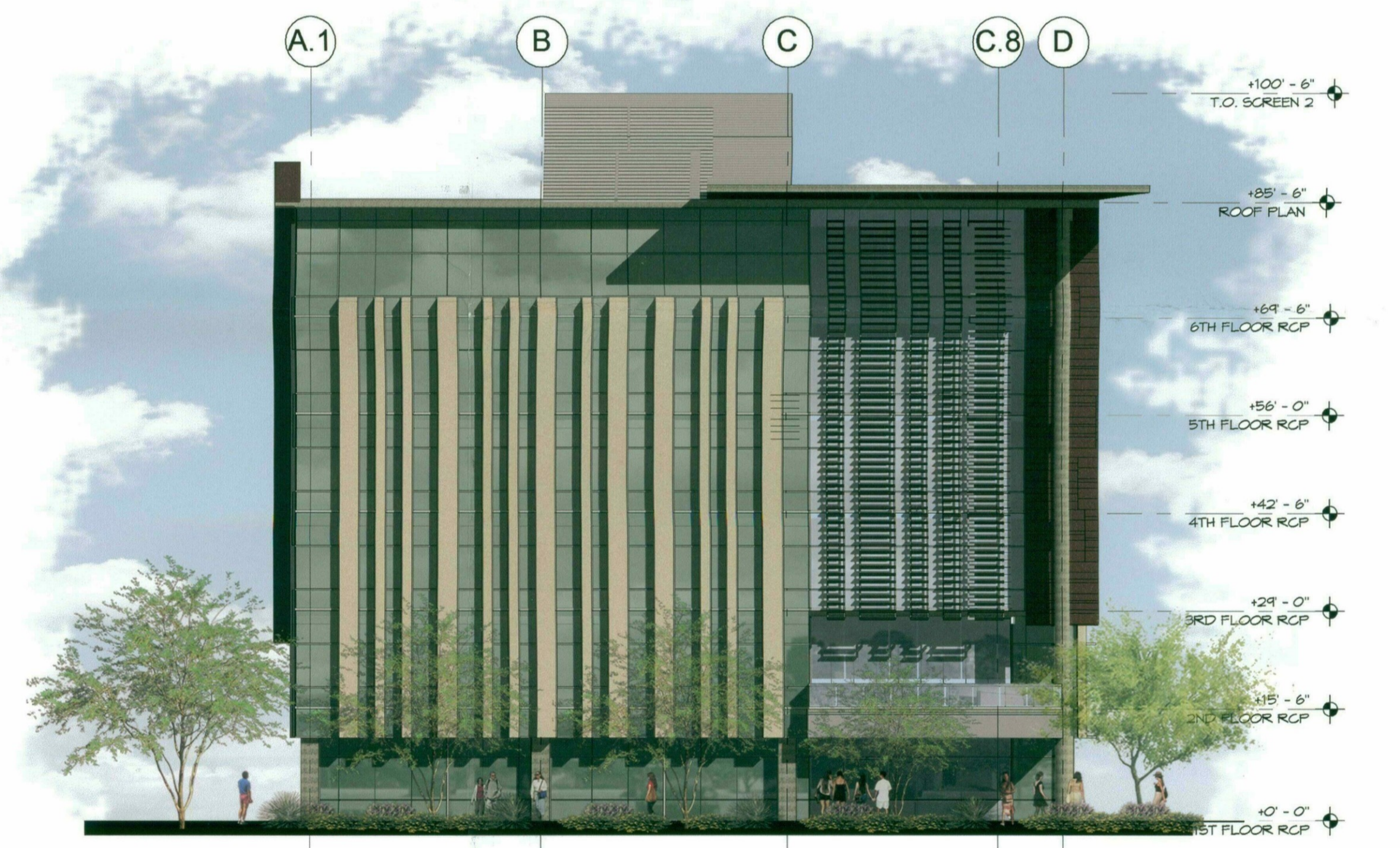
**3 NORTH ELEVATION**  
SCALE: 1/16" = 1'-0"



**1 EAST ELEVATION**  
SCALE: 1/16" = 1'-0"



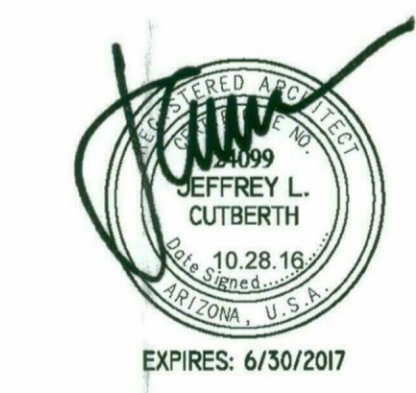
**4 SOUTH ELEVATION**  
SCALE: 1/16" = 1'-0"



**2 WEST ELEVATION**  
SCALE: 1/16" = 1'-0"



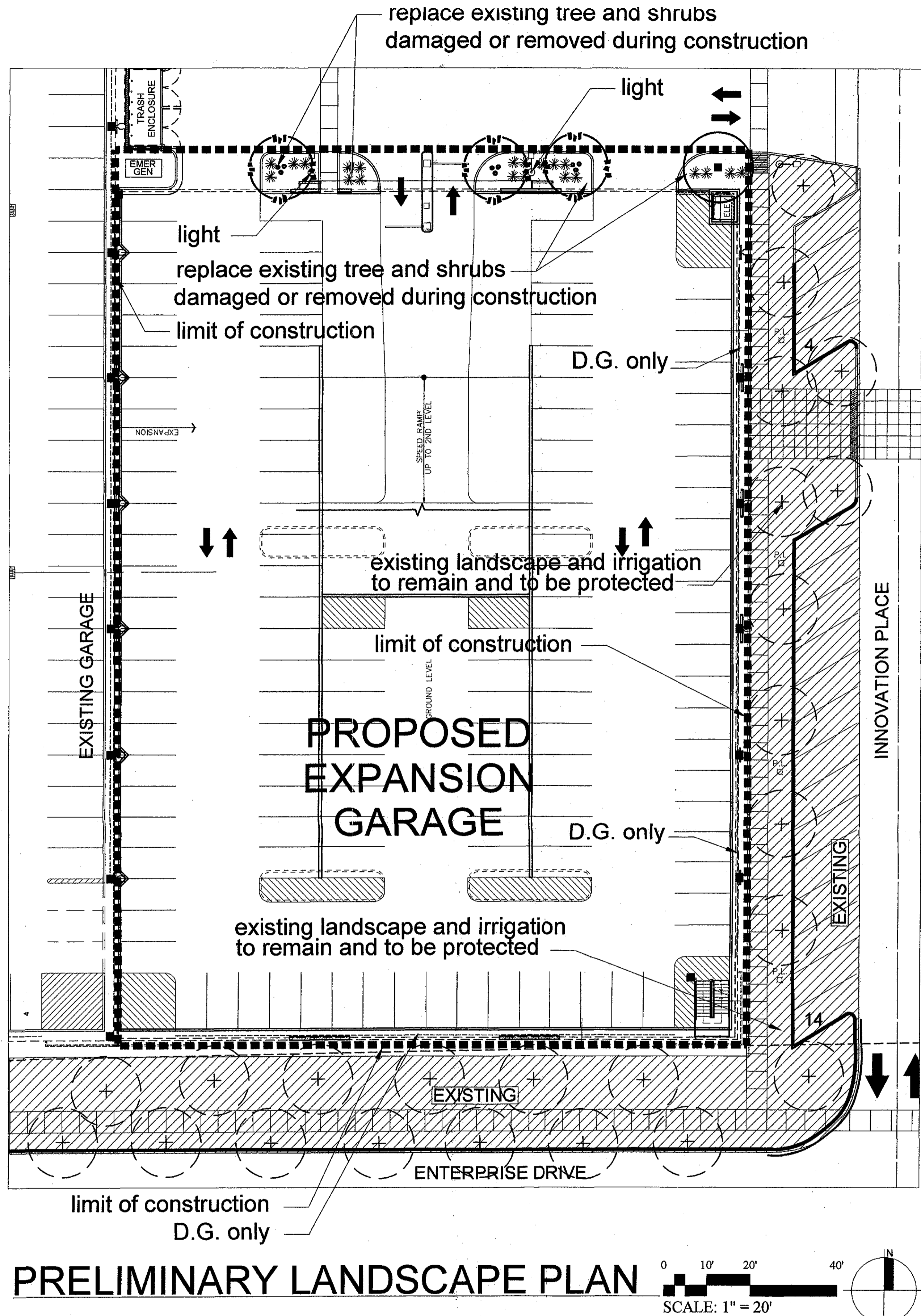
  
**SKYSONG 6**  
 SCOTTSDALE ROAD & SKYSONG BLVD.  
 SCOTTSDALE, ARIZONA



STIPULATION SET  
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APPROVED  
1-5-17 DATE INITIALS

**CEL1** 10.28.16  
10046.914  
ELEVATIONS





**PRELIMINARY LANDSCAPE PLAN**

**LANDSCAPE LEGEND quantities for this sheet only**

ALL TREES TO MEET OR EXCEED A.N.A. SPECIFICATIONS (U.O.N. - UNLESS OTHERWISE NOTED)

TREES	QNTY	SIZE / CLPR
Parkinsonia praecox Palo Brea	(1)	36" box, 2" cal matching, stand.
Chilopsis linearis Desert Willow	(3)	36" box, 2" cal. Matching low breaking, stand.
Existing Tree to remain and be protected		varies

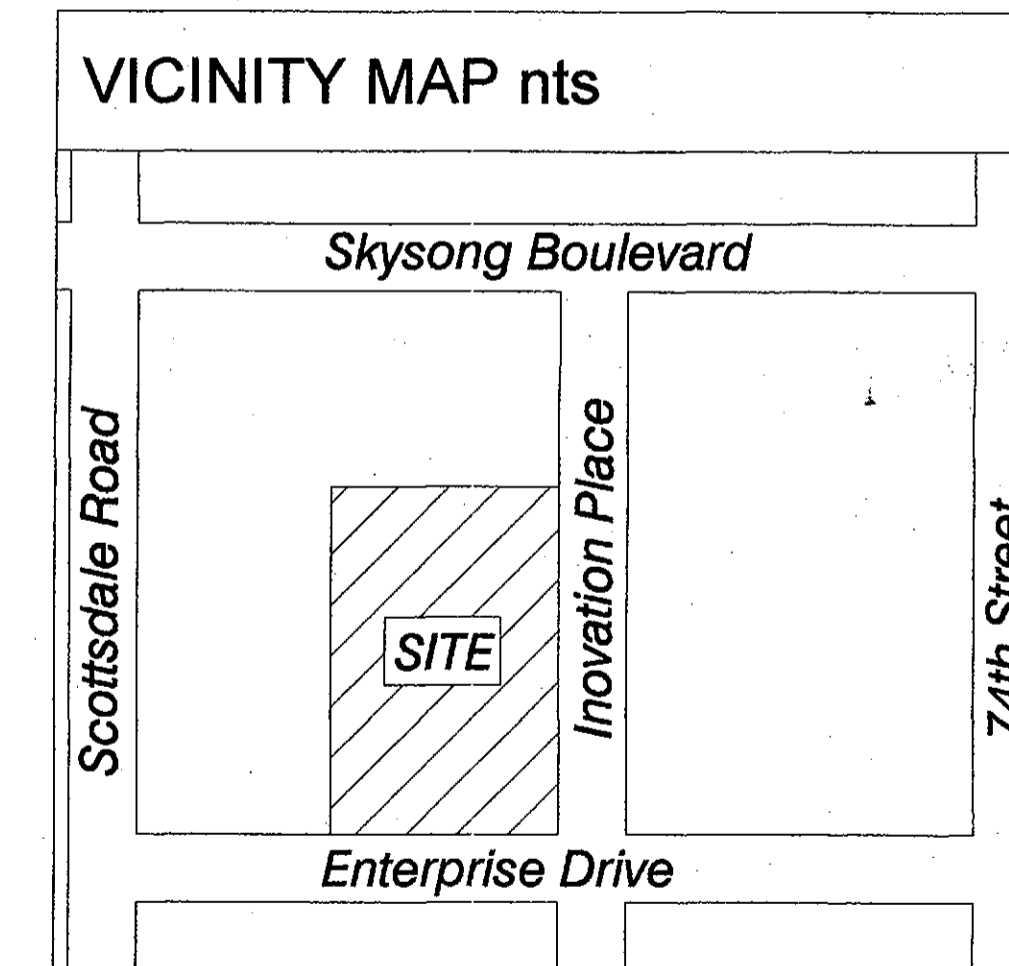
SHRUBS / ACCENTS / VINES	5 Gallon
Hesperaloe parviflora Red Yucca	(21)
Existing Landscape Area	
*  D.G.- 3/4 screened Apache Brown 2" min thickness in all landscape areas Submit samples to Landscape Architect	

**PRELIMINARY GENERAL NOTES:**

- THE ENTIRE SITE WILL BE MAINTAINED IN ACCORDANCE WITH CITY OF SCOTTSDALE STANDARDS.
- ALL TREES WILL BE 24" BOX OR LARGER.
- AN AUTOMATIC IRRIGATION SYSTEM WILL BE INSTALLED GUARANTEEING 100% COVERAGE TO ALL LANDSCAPE AREAS.
- DECOMPOSED GRANITE, 2" MINIMUM THICKNESS, TO BE PLACED IN ALL LANDSCAPE AREAS NOT DESIGNATED FOR RIP-RAP OR LAWN.
- ALL EARTHWORK WILL BE DONE SO THAT ALL WATER DRAINS AWAY FROM SIDEWALKS, STRUCTURES AND WILL NOT IMPEDE NATURAL DRAINAGE EASEMENTS.
- STRUCTURES AND LANDSCAPING WITHIN A SIGHT VISIBILITY TRIANGLE OR SIGHT VISIBILITY LINE WILL NOT EXCEED 24" INCHES.
- FINAL LANDSCAPE PLANS TO MEET OR EXCEED MINIMUM CITY STANDARDS.

**EXISTING LANDSCAPING AND IRRIGATION NOTES:**

- SITE VERIFY ALL EXISTING CONDITIONS PRIOR TO BIDDING. ANY DISCREPANCIES ARE TO BE BROUGHT TO THE LANDSCAPE ARCHITECT IMMEDIATELY.
- ALL PLANT MATERIAL DESIGNATED AS "EXISTING TO REMAIN" SHALL BE PROTECTED DURING ALL PHASES OF CONSTRUCTION. ANY TREE THAT DIES DUE TO LACK OF WATER, MAINTENANCE/CARE, NEGLIGENCE OR VANDALISM SHALL BE REPLACED BY A LIKE TYPE TREE 48" BOX MINIMUM. ALL SHRUBS AND GROUNDCOVER SHALL BE REPLACED WITH 5 GALLON PLANTS. AT NO ADDITIONAL COST TO THE OWNER.
- LANDSCAPE AREAS DISTURBED BY NEW CONSTRUCTION SHALL BE REPAIRED WITH NEW DECOMPOSED GRANITE MATCHING EXISTING. BLEND ALL DISTURBED AREAS WITH UNDISTURBED SO THERE IS A SMOOTH TRANSITION BETWEEN ALL EDGES. REPLACE ALL
- DISTURBED, BROKEN OR DAMAGED HEADERS WITH MATCHING TYPE.
- ALL EXISTING PLANT MATERIAL AND ADJACENT PLANT MATERIAL SHALL HAVE UNINTERRUPTED WATERING DURING ALL PHASES OF CONSTRUCTION. THIS SHALL INCLUDE BUT NOT BE LIMITED TO; HAND WATERING, TEMPORARY ABOVE GROUND IRRIGATION, EXISTING SYSTEM ETC....
- EXISTING IRRIGATION SYSTEM SHALL BE PROTECTED, MAINTAINED AND REPAIRED DURING ALL PHASES OF CONSTRUCTION. IF THE EXISTING SYSTEM IS TIED INTO ADJACENT PROPERTIES. ALL EQUIPMENT SUCH AS MAINLINE, WIRES, LATERALS, HEADS, VALVES ETC... SHALL BE REPAIRED AND REPLACED TO MAINTAIN CONTINUOUS WATERING.
- PROVIDE NEW SCHEDULE 40 SLEEVES AT ALL NEW DRIVES (SEE SLEEVE SCHEDULE)
- ALL EXISTING TO REMAIN TREES AND SHRUBS, SHALL BE SELECTIVELY PRUNED PER LANDSCAPE ARCHITECTS DIRECTIONS, AND GUARANTEED 100% IRRIGATION COVERAGE DURING ALL CONSTRUCTION PHASES.
- ALL EXISTING SHRUBS WITHIN THE SIGHT DISTANCE LINES AND VISIBILITY TRIANGLES SHALL BE SELECTIVELY PRUNED TO A MAXIMUM HEIGHT OF 30".
- ALL EXISTING TREES WITHIN THE SIGHT DISTANCE LINES AND VISIBILITY TRIANGLES SHALL HAVE ITS CANOPY BE LIFTED TO A CLEAR HEIGHT OF 7'.
- LANDSCAPE CONTRACTOR SHALL BORE UNDER EXISTING SIDEWALK RATHER THAN SAW CUT TO PLACE NEW SLEEVES.
- L.C. AND G.C. ARE RESPONSIBLE FOR LOCATING ALL EXISTING IRRIGATION SLEEVES PRIOR TO SETTING ANY PAVERS AND/OR CONCRETE.



STIPULATION SET  
RETAIN FOR RECORDS  
APPROVED  
DATE: 10.4.16  
INITIALS: [Signature]

**DR.02** 10.4.16  
7.18.16  
10046.914



LASKIN & ASSOCIATES, INC.  
LANDSCAPE ARCHITECTS  
67 E. Weldon Ave.  
Suite 230  
Phoenix, Arizona 85012  
P (602) 840-7771  
F (602) 840-8021  
www.laskindesign.com



**SKYSONG 6**  
SCOTTSDALE ROAD & SKYSONG BLVD.  
SCOTTSDALE, ARIZONA

HOLUALOA®

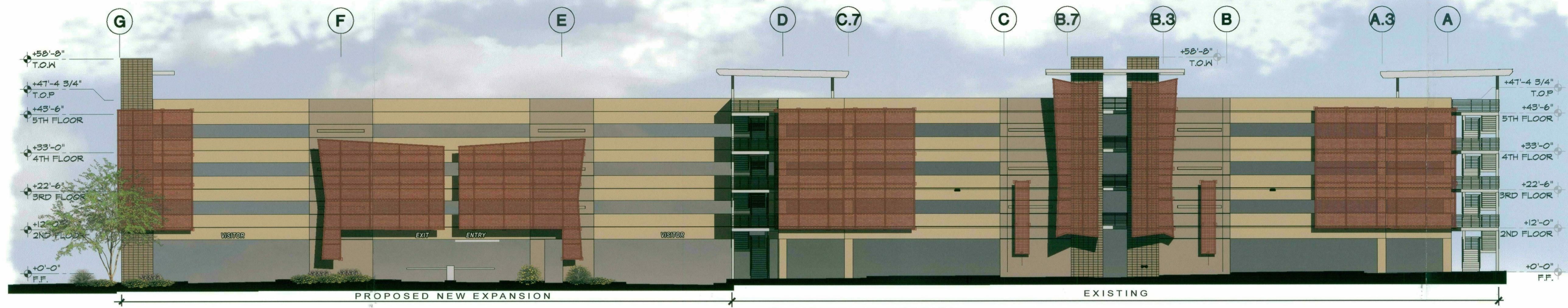


COMPANIES



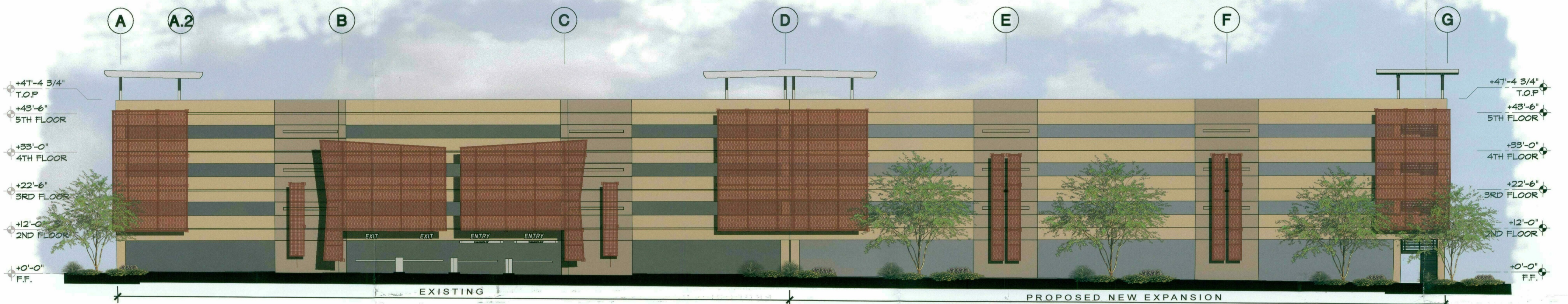
Butler Design Group, Inc.  
architects & planners





**1 NORTH ELEVATION**  
SCALE: 1/16" = 1'-0"

FINISH LEGEND	
FINISH / COLORS	
	A. PAINT DUNN EDWARDS - DE6368 'WALRUS'
	B. PAINT DUNN EDWARDS - DE6221 'FLINSTONE'
	C. PAINT DUNN EDWARDS - DE6215 'WOODEN LEG'
	D. PAINT DUNN EDWARDS - DEA160 'HOPE CHEST'
	E. STANDARD GRAY
MATERIALS	
1.	STACK BOND CMU BLOCK
2.	PRECAST CONCRETE
3.	STEEL
4.	EXPANDED METAL LATH ON STEEL FRAME



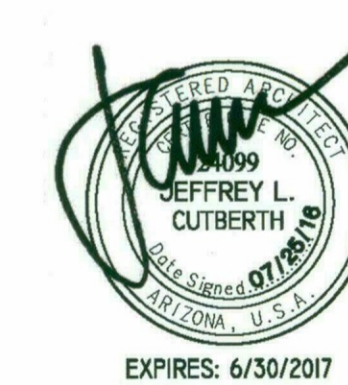
**2 SOUTH ELEVATION**  
SCALE: 1/16" = 1'-0"



**3 EAST ELEVATION**  
SCALE: 1/16" = 1'-0"



  
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 SCOTTSDALE ROAD & SKYSONG BLVD.  
 SCOTTSDALE, ARIZONA



EXPIRES: 6/30/2017

**CEL2** 07.21.16  
10046.914

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PLAZA  
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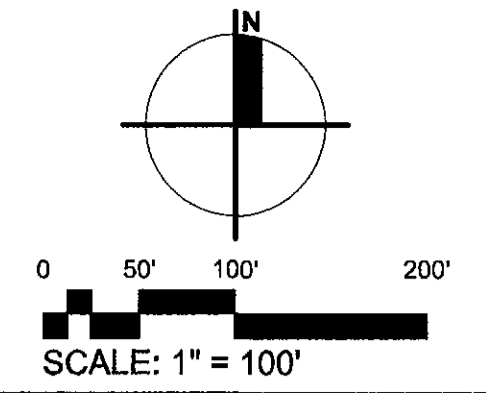
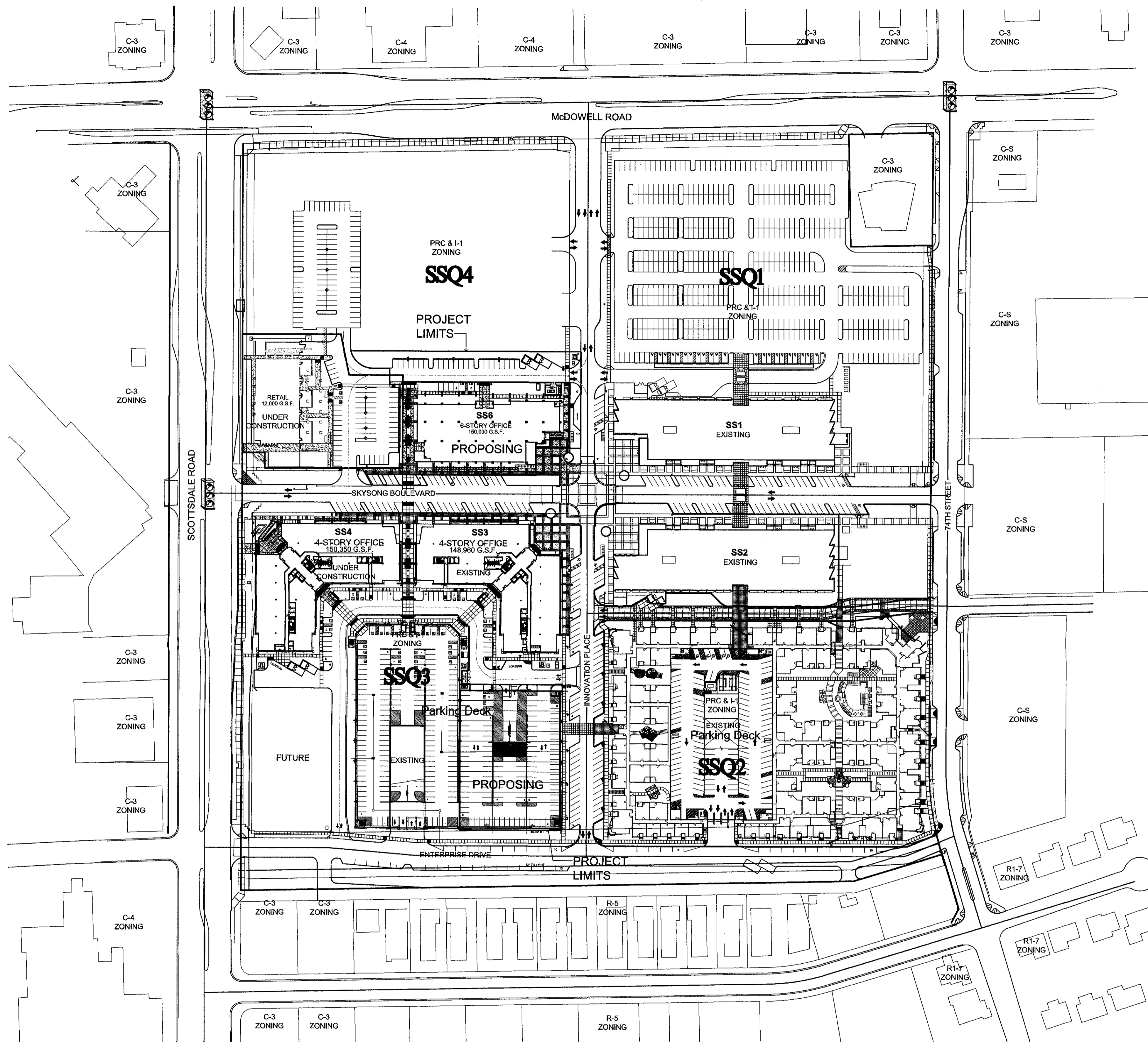
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ARIZONA STATE UNIVERSITY

  
**SKYSONG 6**  
SCOTTSDALE ROAD & SKYSONG BLVD.  
SCOTTSDALE, ARIZONA

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**Bd**  
**g**  
Butler Design Group, Inc.  
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34-DR-2016  
11/02/2016



**SITE PLAN DATA**

**PROJECT DATA:**

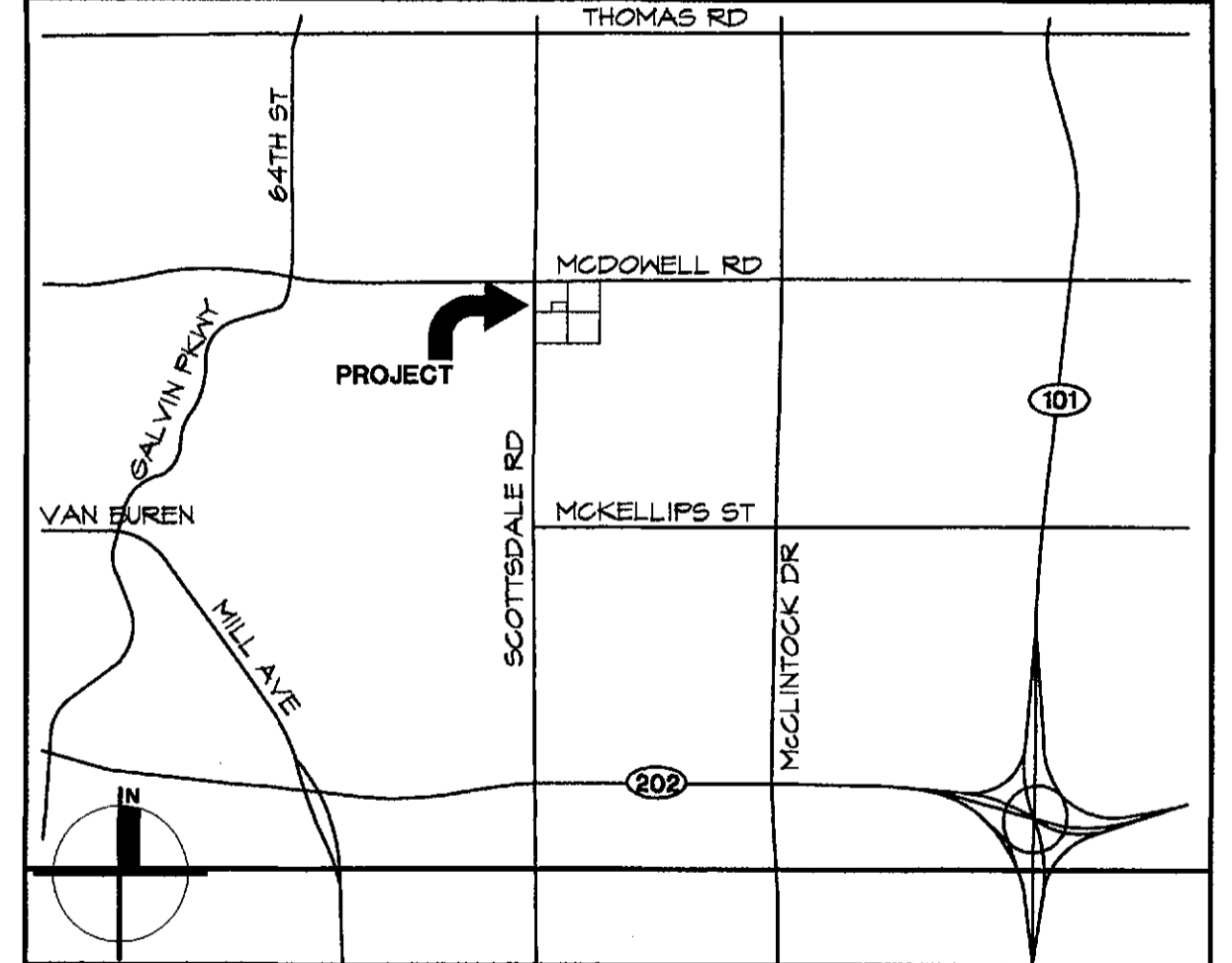
PARCEL ZONING:	PRC & I-1
GROSS LOT AREA:	1,628,317 (37.3810 AC)
<b>TOTAL BUILDING FOOTPRINT:</b>	
BUILDING 6:	22,848 S.F.
GARAGE:	44,372 S.F.
TOTAL:	67,220 S.F.
<b>TOTAL BUILDING AREA:</b>	
BUILDING 6:	150,000 S.F.
GARAGE:	369,552 S.F.
TOTAL:	519,552 S.F.
LOT COVERAGE:	24%
BUILDING HEIGHT ALLOWED:	118.81'
BUILDING HEIGHT PROPOSED:	86-1'

**OWNER:**  
 SKYSONG PLAZA3, SKYSONG PLAZA 4  
 PLAZA COMPANIES  
 9401 W. THUNDERBIRD RD,  
 #200  
 PHOENIX, AZ 85381  
 PH: 623.972.1184  
 CONTACT: JON STELZER

**DEVELOPER:**  
 PLAZA COMPANIES  
 9401 W. THUNDERBIRD RD,  
 #200  
 PHOENIX, AZ 85381  
 PH: 623.972.1184  
 CONTACT: SHARON HARPER

**ARCHITECT:**  
 BUTLER DESIGN GROUP  
 5017 E. WASHINGTON ST  
 #107  
 PHOENIX, AZ 85034  
 PH: 602.957.1800  
 CONTACT: JEFF CUTBERTH  
 KOREY WILKES

**VICINITY MAP**



**SKYSONG 6**  
 SCOTTSDALE ROAD & SKYSONG BLVD.  
 SCOTTSDALE, ARIZONA



**MSP** 10.28.16  
 10046.914

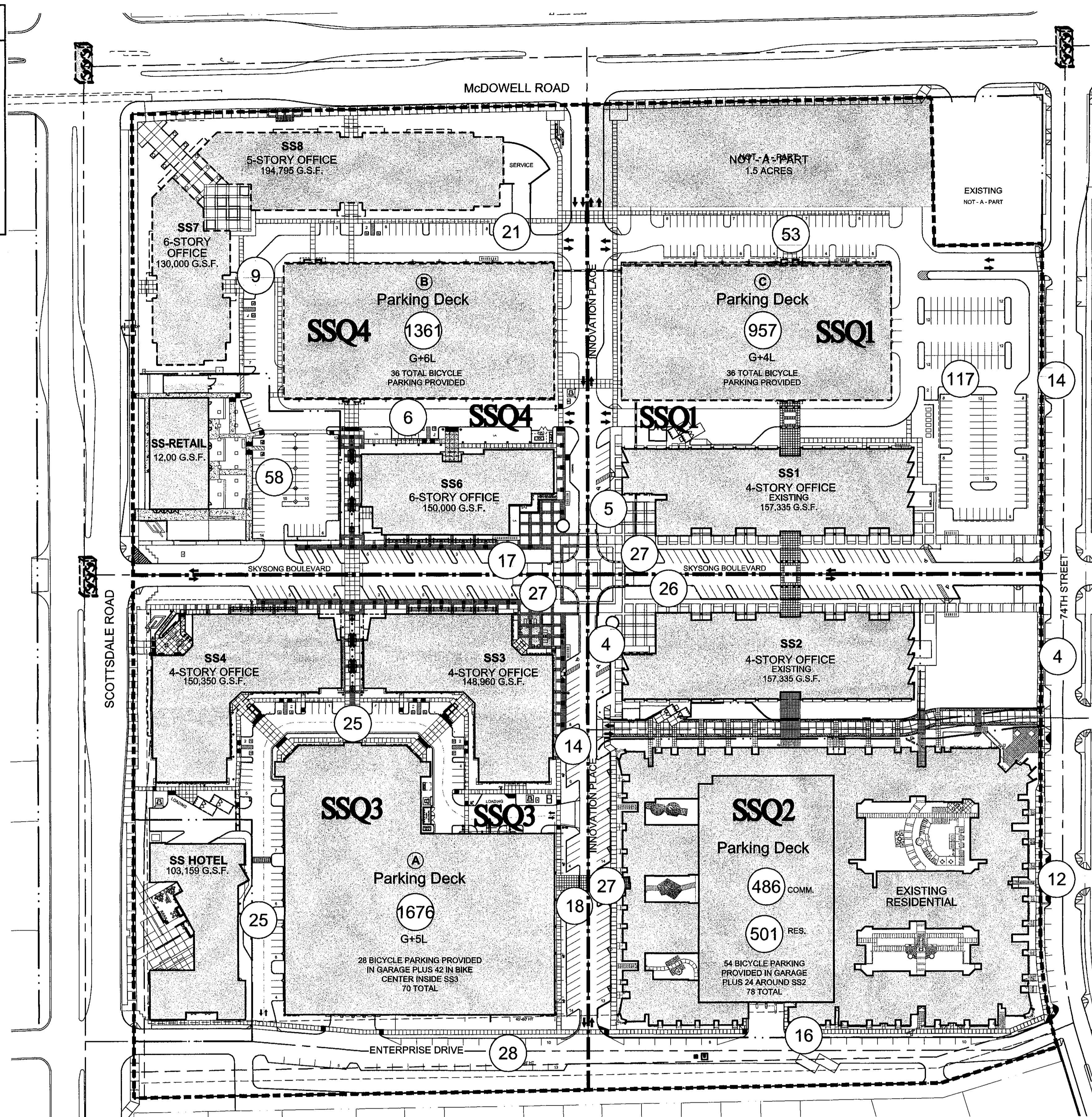


# BICYCLE PARKING

## BICYCLE PARKING PROVIDED:

- SSQ1 = 36
- SSQ2 = 78
- SSQ3 = 70 (28+42 IN BIKE CENTER INSIDE SS3)
- SSQ4 = 36
- TOTAL = 220 BICYCLE PARKING PROVIDED**

**TOTAL REQUIRED:**  
100 TOTAL PER SEC. 9.103 PARKING REQUIREMENTS  
(NO USE SHALL BE REQUIRED TO PROVIDE MORE THAN ONE HUNDRED (100) BICYCLE PARKING SPACES)



# PROJECT ENTITLEMENTS SUMMARY

Project Entitlements Summary				
<b>Master Plan Development Area</b>				
	Total Acres	Total SF	Allowable Density	Density Yield SF
Per Lease Agreement	35.88	1,562,977.00	0.80	1,250,381.60
Including 1.5 Acre City	37.38	1,628,317.00	0.80	1,302,653.60
<b>SkySong Quadrant 1 - SSQ1 (NEC)</b>				
Building / Phase	GSF	RSF (Office)	Parking Required	Parking Provided
SS1	157,335	144,813	524	1173
<b>Parking Provided</b>				
Surface Parking - On Site				202
Surface Parking - Off Site				14
Structured Parking				957
Total Provided SSQ1				1,173
Blended RSF Ratio				8.10
<b>SkySong Quadrant 2 - SSQ2 (SEC)</b>				
Building / Phase	GSF	RSF (Office)	Parking Required	Parking Provided
SS2	157,335	144,813	524	575
<b>Parking Provided</b>				
Surface Parking - On Site				73
Surface Parking - Off Site				16
Structured Parking				486
Total Provided SSQ2				575
Blended RSF Ratio				3.97
<b>SkySong Quadrant 3 - SSQ3 (SWC)</b>				
Building / Phase	GSF	RSF (Rentable)	Parking Required	Parking Provided
SS3	148,960	139,812	497	
SS4	150,350	141,109	501	
SS-Hotel/MTG Space	103,159		286	
Subtotal SS3	402,469	280,921	1,284	1813
<b>Parking Provided</b>				
Surface Parking - On Site				137
Surface Parking - Off Site				0
Structured Parking				1,676
Total Provided SSQ3				1,813
Blended RSF Ratio (w/o Hotel RSF & Parking)				5.44
<b>SkySong Quadrant 4 - SSQ4 (NWC)</b>				
Building / Phase	GSF	RSF (Office)	Parking Required	Parking Provided
SS6	150,000	141,000	500	
SS7	130,000	122,200	433	
SS8	194,795	183,107	649	
SS Retail	12,000		114	
Subtotal SS4	486,795	446,307	1,697	1,472
<b>Parking Provided</b>				
Surface Parking - On Site				111
Surface Parking - Off Site				0
Structured Parking				1,361
Total Provided SSQ4				1,472
Blended RSF Ratio (w/o Hotel & Retail RSF & Parking)				3.04
<b>Overall Project</b>				
Building / Phase	GSF	RSF (Office)	Parking Required	Parking Provided
SSQ1	157,335	144,813	524	1173
SSQ2	157,335	144,813	524	575
SSQ3	402,469	280,921	1284	1813
SSQ4	486,795	446,307	1697	1472
Grand Total	1,203,934	1,016,854	4,029	5033
<b>Parking Provided</b>				
Surface Parking - On Site				523
Surface Parking - Off Site				30
Structured Parking				4,480
Total Parking Provided				5,033
Blended RSF Ratio (w/o Hotel & Retail RSF & Parking)				4.56

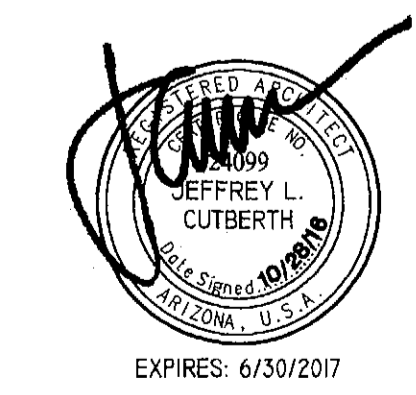
# PARKING COUNT SYMBOL

1 DEVELOPMENT STANDARD MATRIX  
SCALE: 1" = 80'-0"



# SKYSONG 6

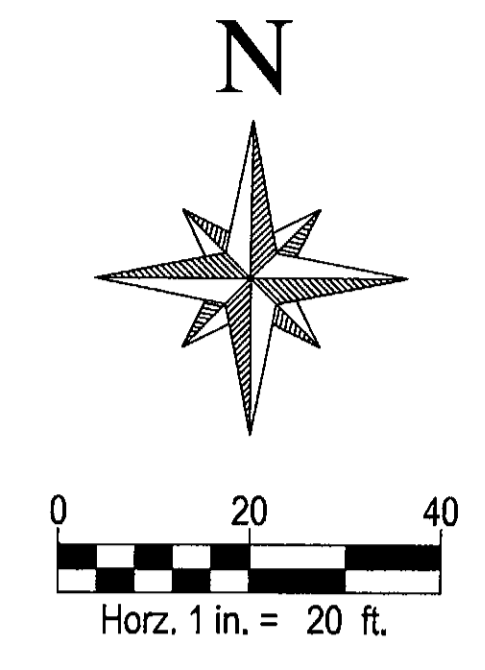
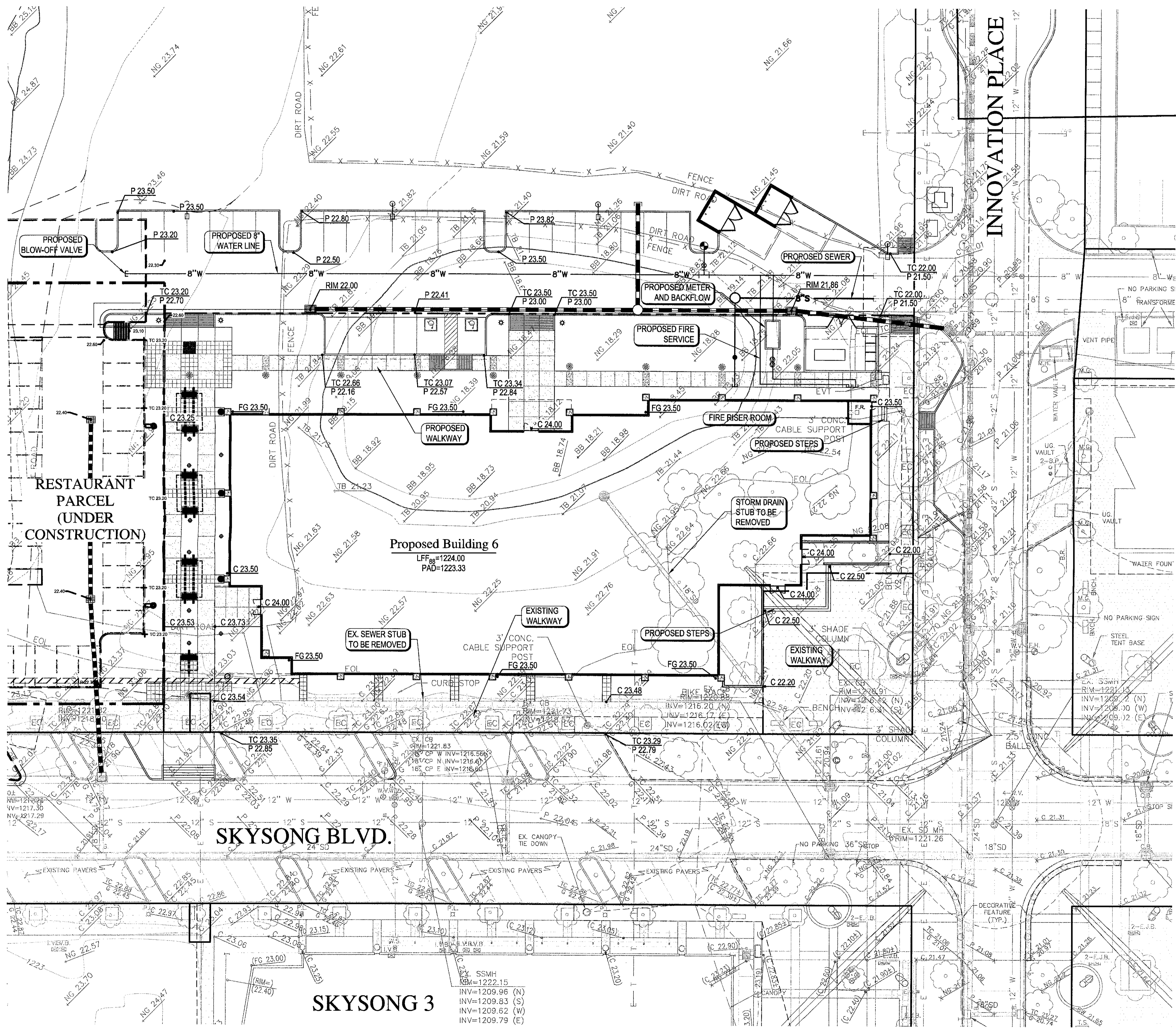
SCOTTSDALE ROAD & SKYSONG BLVD.  
SCOTTSDALE, ARIZONA



DSM 10.28.16  
10046.914

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DATE: 11-17-16  
INITIALS: [Signature]





JW  
CONCEPTUAL GRADING & DRAINAGE PLAN  
10.4.16  
1046314  
C1



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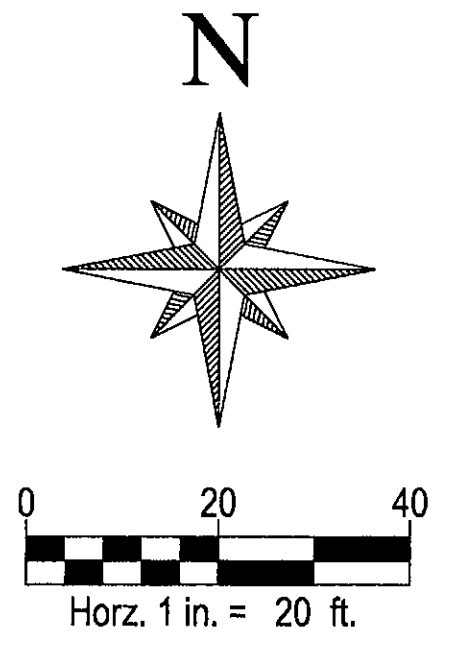
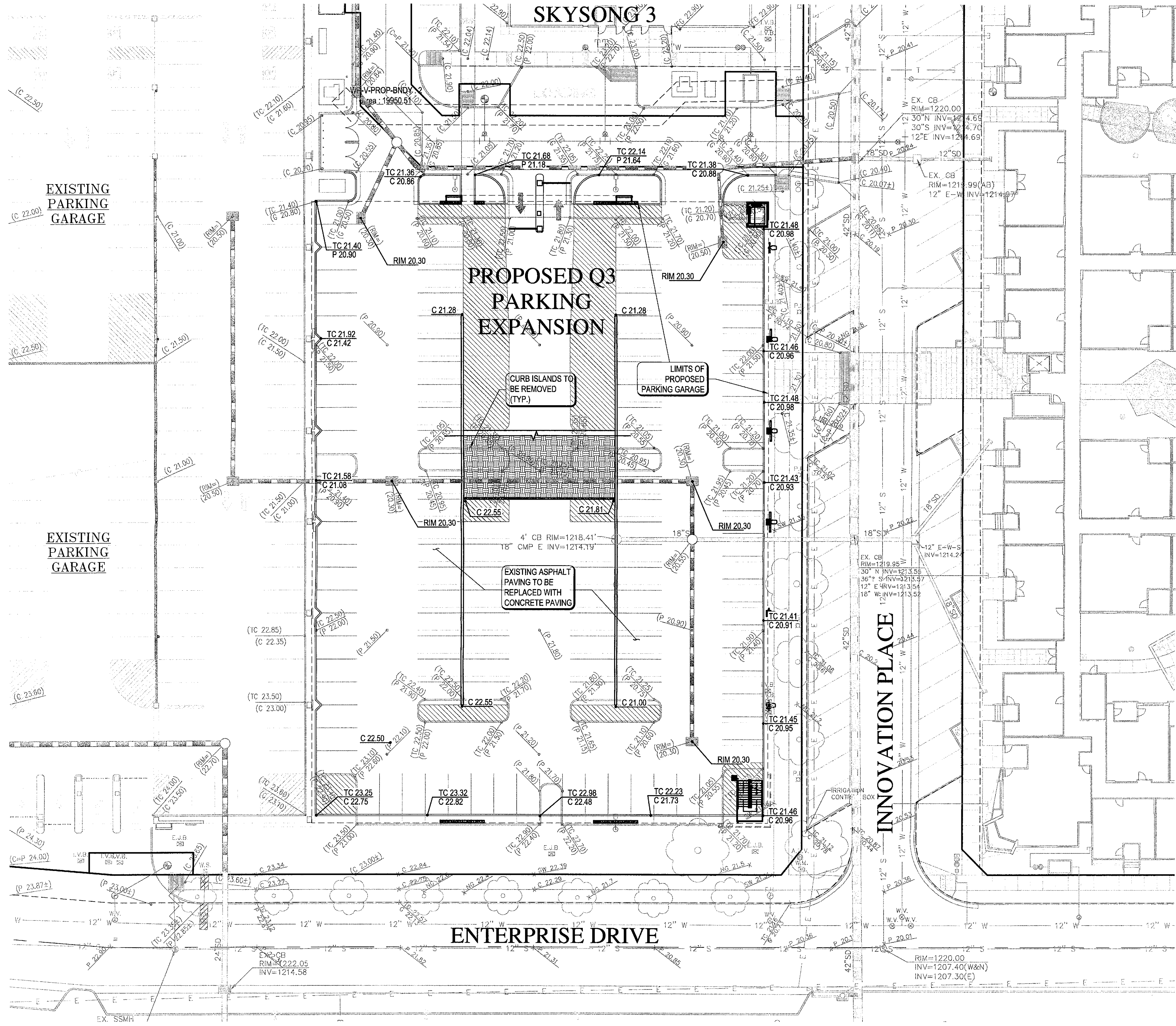
**PLAZA**  
COMPANIES



DRB SUBMITTAL 10/4/16

34-DR-2016  
11/02/2016

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



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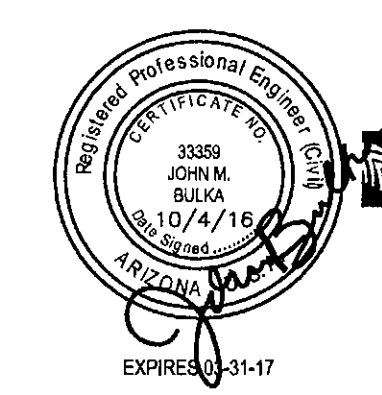
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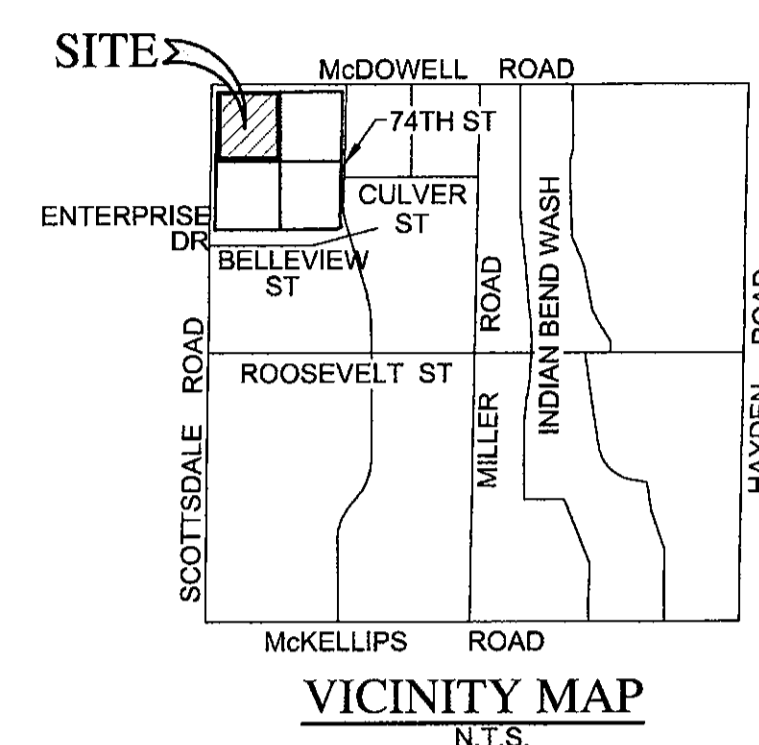
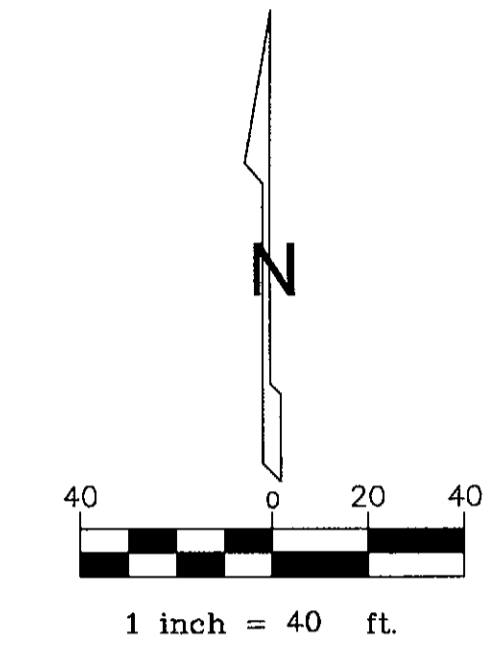
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10.4.16  
1006814



34-DR-2016  
11/02/2016



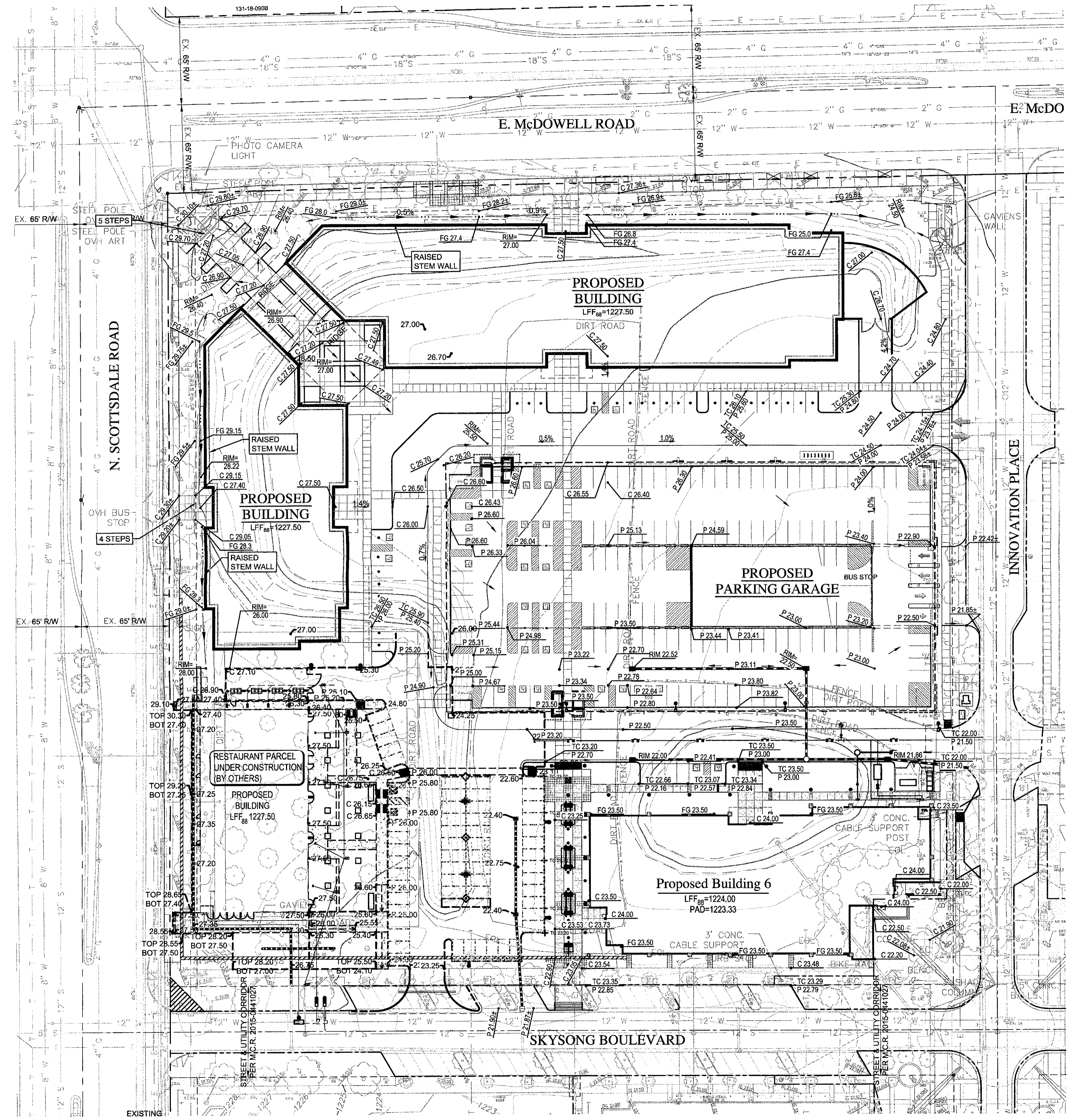
# SKYSONG QUADRANT 4 CONCEPTUAL GRADING PLAN LOCATED IN A PORTION OF SECTION 2, T.1N., R.4E., GILA AND SALT RIVER MERIDIAN, MARICOPA COUNTY, ARIZONA SCOTTSDALE, ARIZONA 85255



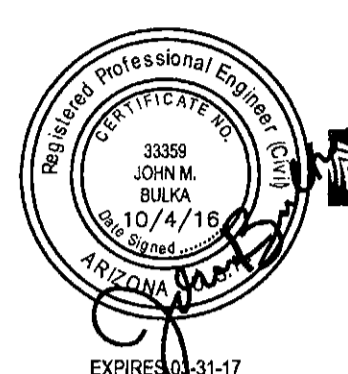
EXISTING	DESCRIPTION	PROPOSED
---	PROPERTY LINE	---
○	SURVEY MARKER	○
---	SIDEWALK	---
---	CURB & GUTTER	---
---	CONTOURS	---
---	STORM DRAIN PIPE	---
---	IRRIGATION LINE	---
---	SEWER FORCE MAIN	---
---	SANITARY SEWER	---
---	WATER LINE	---
---	RECLAIMED WATER LINE	---
---	GAS LINE	---
---	UNDERGROUND TELCO LINE	---
---	OVERHEAD ELECTRIC LINE	---
---	UNDERGROUND ELECTRIC LINE	---
---	CABLE TV LINE	---
---	RETAINING WALL	---
---	DROP FOOTING	---
---	RAISED STEM WALL	---
---	GAS VALVE	---
---	IRRIGATION CONTROL VALVE	---
---	TRAFFIC SIGNAL BOX	---
---	LIGHT POLE	---
---	GAS LINE MARKER	---
---	WATER BLOW OFF	---
---	AREA DRAIN	---
---	STORM SEWER CLEAN OUT	---
---	WATER VALVE	---
---	WATER METER	---
---	BACK FLOW PREVENTION	---
---	SEWER MANHOLE	---
---	STORM DRAIN MANHOLE	---
---	CATCH BASIN	---
---	ELECTRIC MANHOLE	---
---	WATER MANHOLE	---
---	SEWER CLEANOUT	---
---	FIRE HYDRANT	---
---	TOP OF CURB	---
---	WALL OPENING	---
---	CURB OPENING	---
---	FINISH GRADE	---
---	NATURAL GRADE	---
---	TOP OF WALL	---
---	STREET SIGN	---
---	P.U. & F.E.	---
---	D.E.	---
---	R.W.	---
---	M.C.R.	---
---	C.O.C.	---
---	R.W.	---
---	SEC.	---
---	COR.	---
---	P.U.E.	---
---	ESMT	---
---	W.E.	---
---	S.V.E.	---
---	FD.	---
---	D.C.	---
---	I.N.S.T.	---
---	L.S.E.	---
---	G.L.O.	---
---	B.L.M.	---
---	S.R.P.	---
---	P.D.E.	---
---	EXIST.	---
---	D.H.	---
---	A.P.A.	---
---	G.E.	---
---	M.D.	---
---	S.S.M.H.	---
---	S.D.M.H.	---

**SITE DATA**  
PROJECT NET AREA = 8.3 AC  
**ASSESSOR PARCEL #**  
131-17-014D  
131-17-014F  
**ZONING**  
CITY ZONING: PCD  
ASSESSOR ZONING: PAD  
**SITE ADDRESS**  
S.E. CORNER McDowell Road  
AND SCOTTSDALE ROAD  
SCOTTSDALE, ARIZONA  
**ENGINEER**  
WOOD, PATEL AND ASSOCIATES, INC.  
2220 S. COUNTRY CLUB DRIVE  
MESA, AZ 85210  
PH: (602) 335-8500  
FX: (602) 335-8590  
CONTACT: JOHN BULKA  
**ARCHITECT**  
BUTLER DESIGN GROUP  
5017 E. WASHINGTON ST  
SUITE 107  
PHOENIX, AZ 85034  
CONTACT: JEFF CUTBERTH  
PH: (602) 957-1800  
FX: (602) 957-7722

**ESTIMATED EARTHWORK**  
QUANTITIES ARE ESTIMATED IN PLACE.  
NO SHRINK OR SWELL IS ASSUMED.  
CUT 10,300 C.Y.  
FILL 7,450 C.Y.



C3



HOUALOA COMPANIES

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SCOTTSDALE ROAD & SKYSONG BLVD.  
SCOTTSDALE, ARIZONA



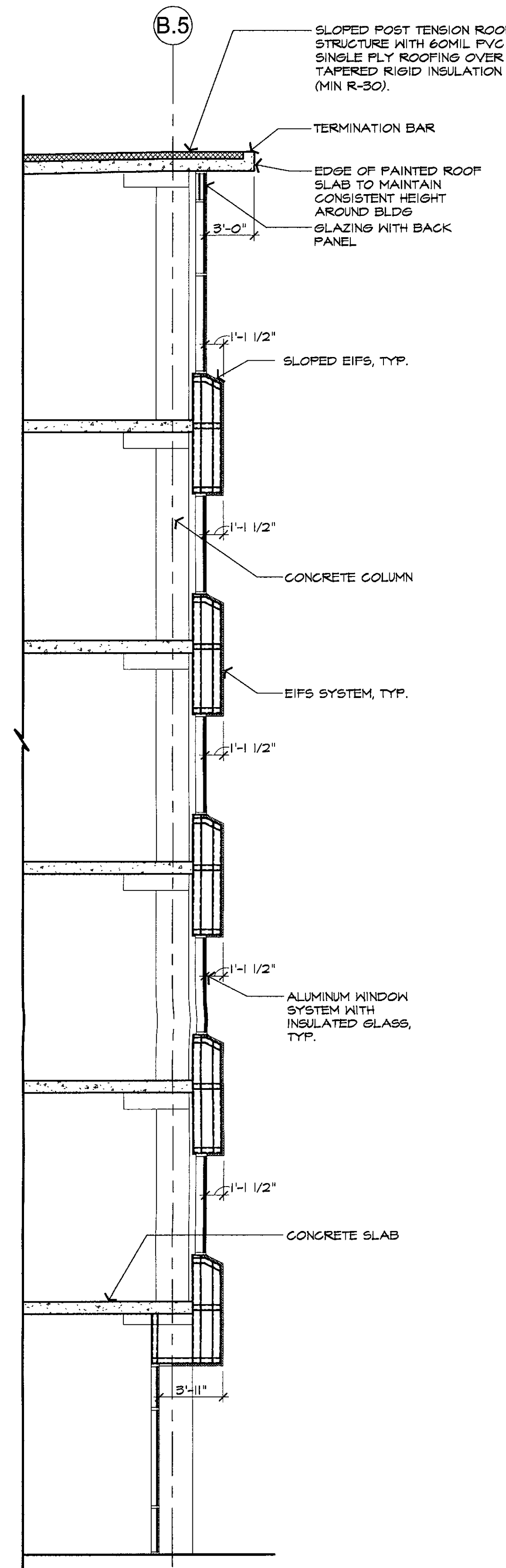
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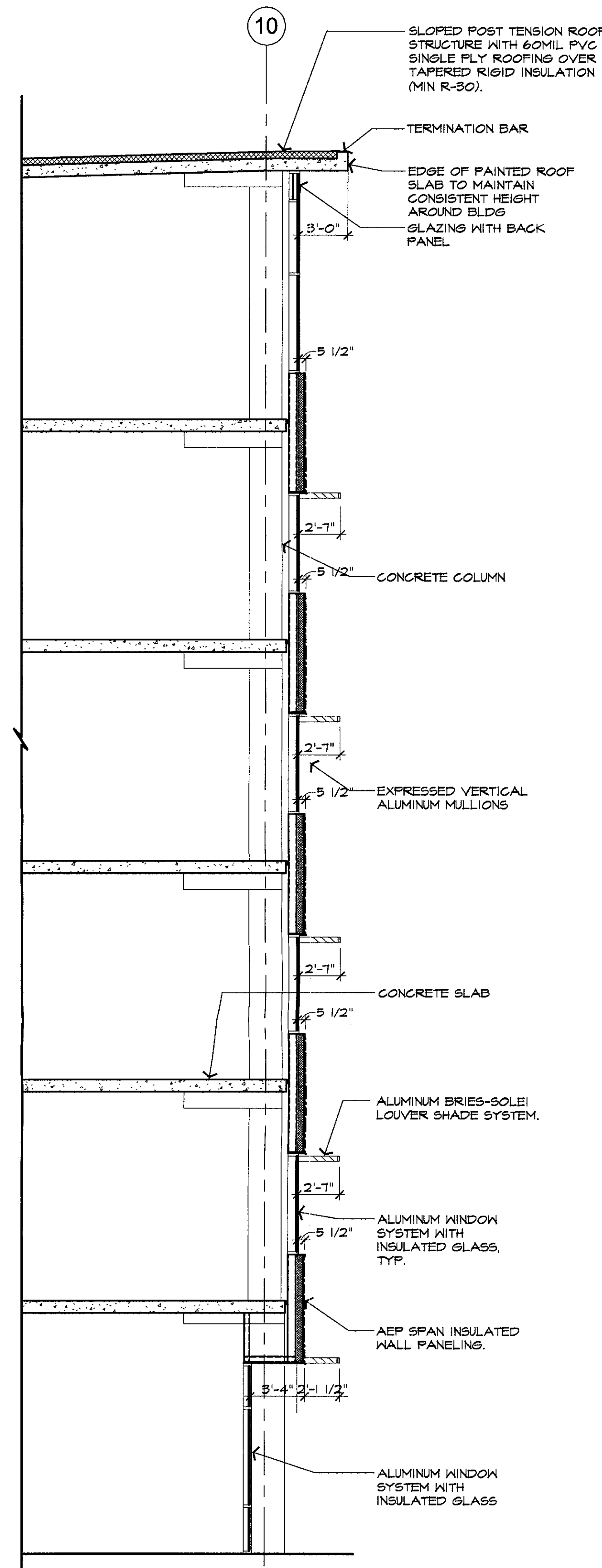
**PLAZA COMPANIES**



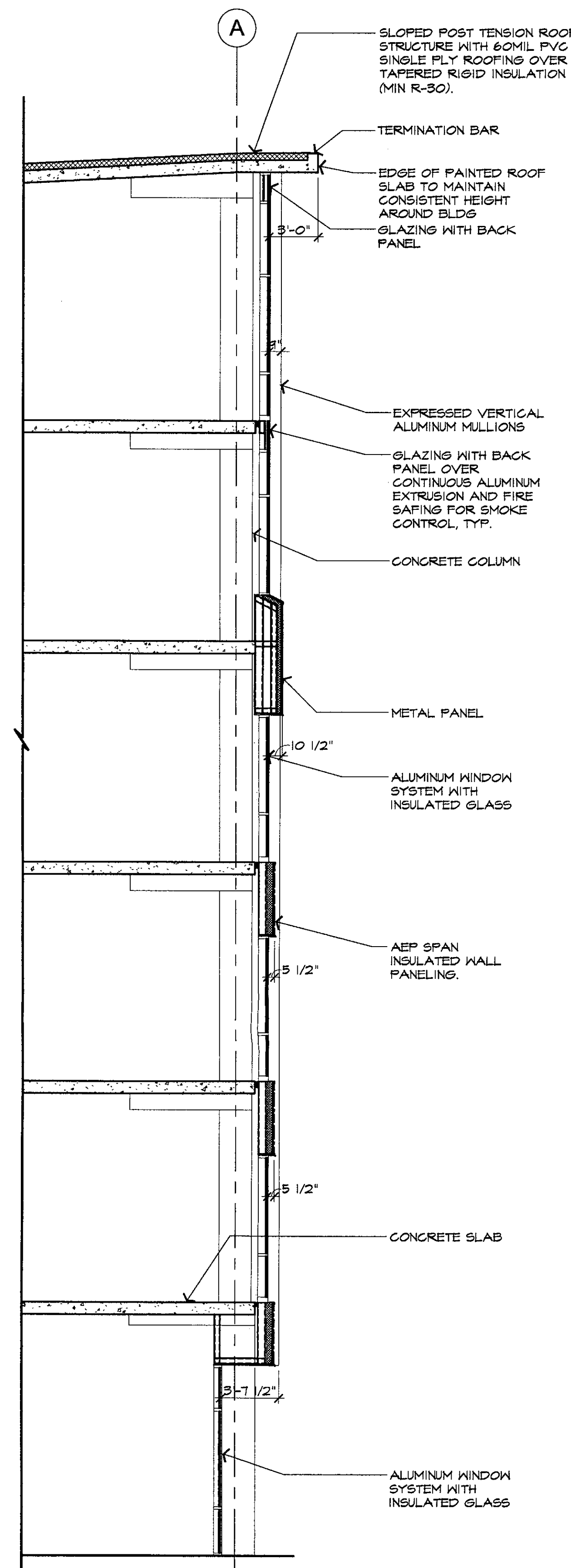
DRB SUBMITTAL 10/4/16



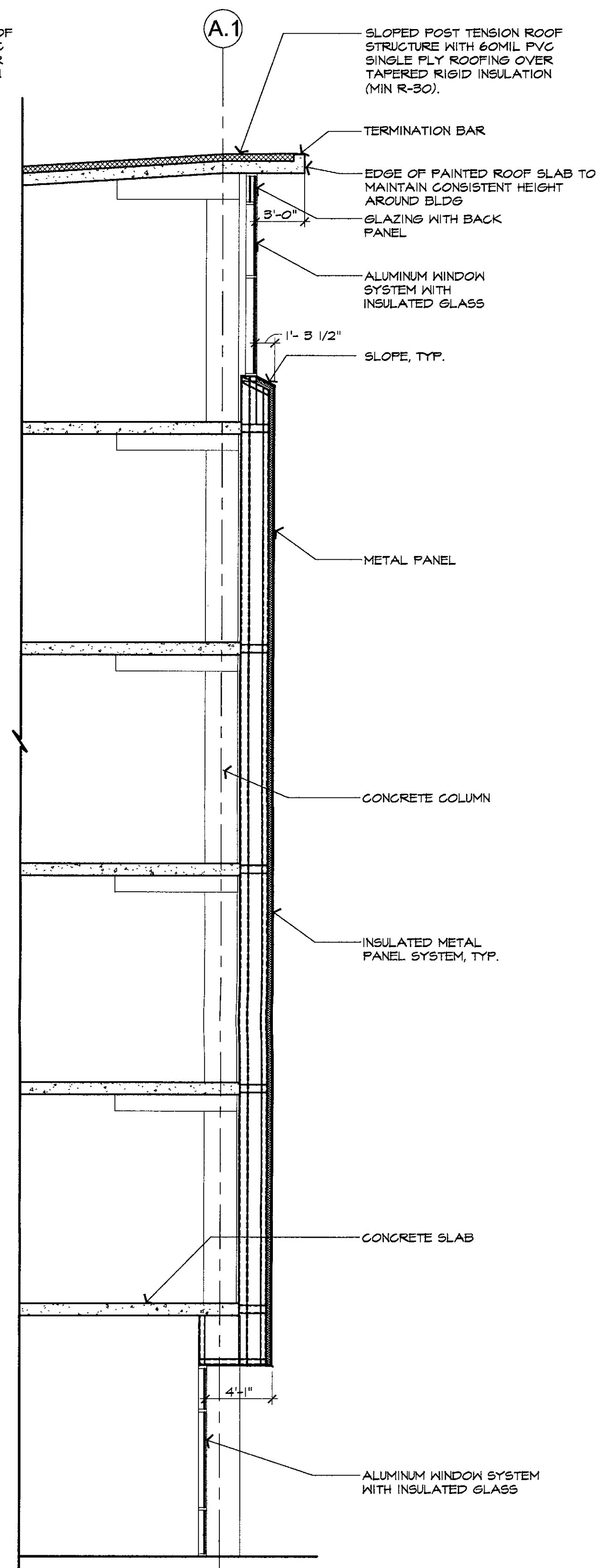
**5** PRELIMINARY WALL SECTION  
SCALE: 3/16 - 1'-00



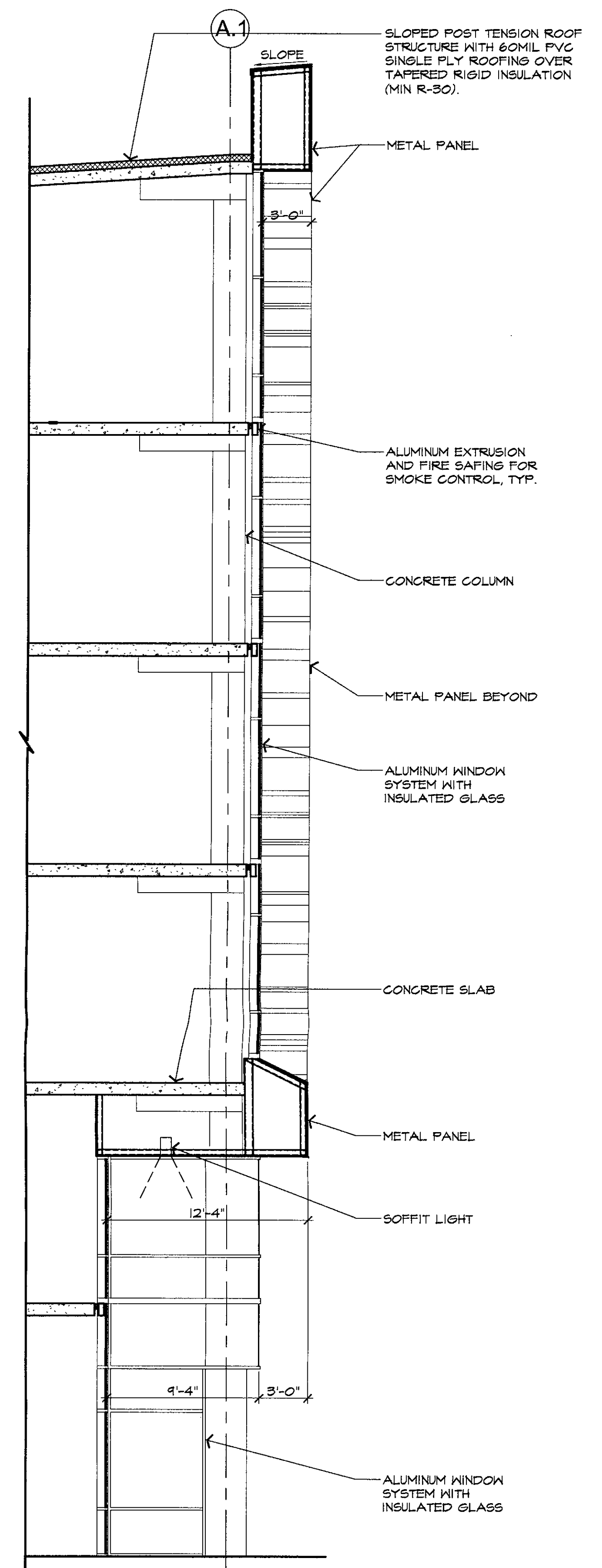
**4** PRELIMINARY WALL SECTION  
SCALE: 3/16 - 1'-00



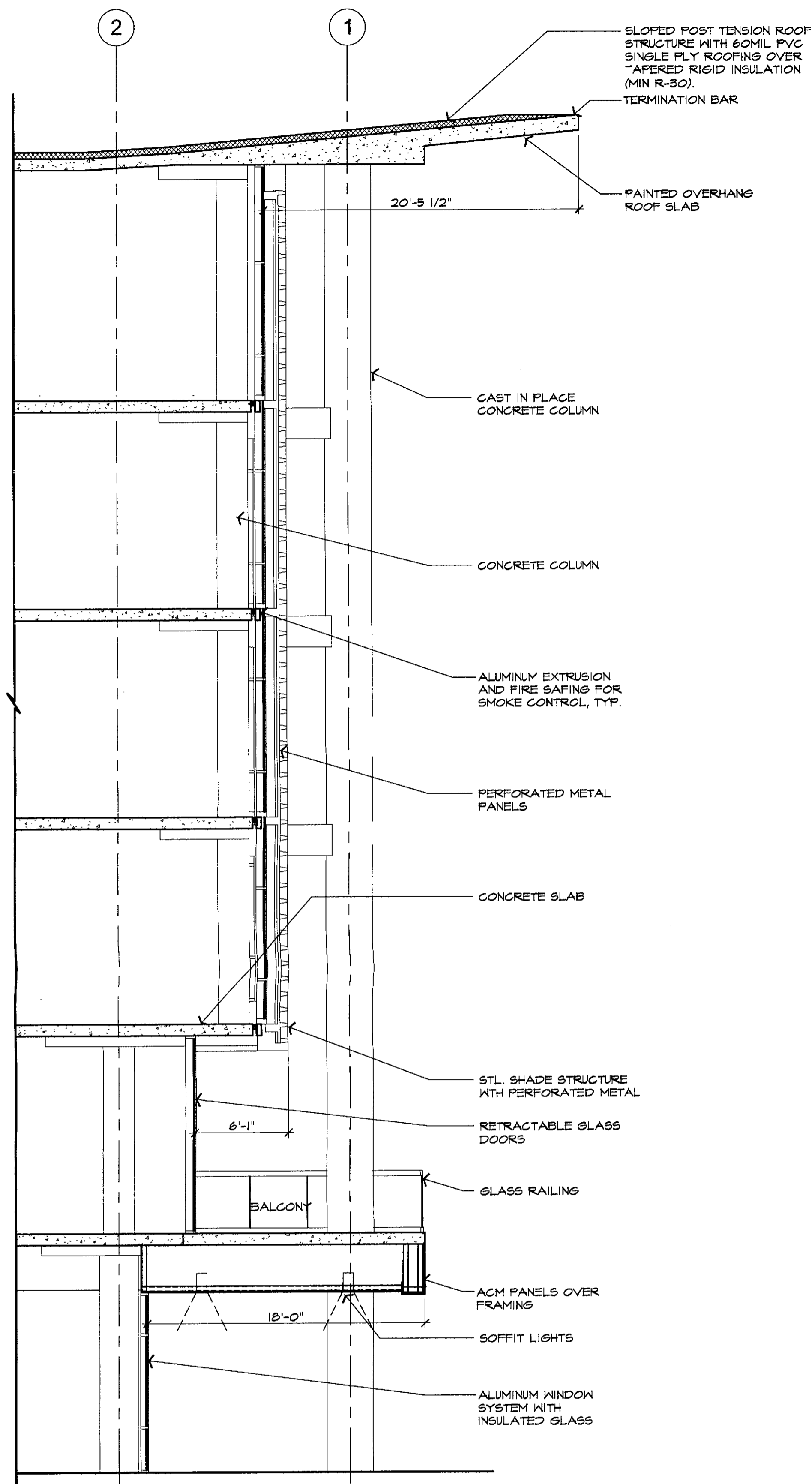
**3** PRELIMINARY WALL SECTION  
SCALE: 3/16 - 1'-00



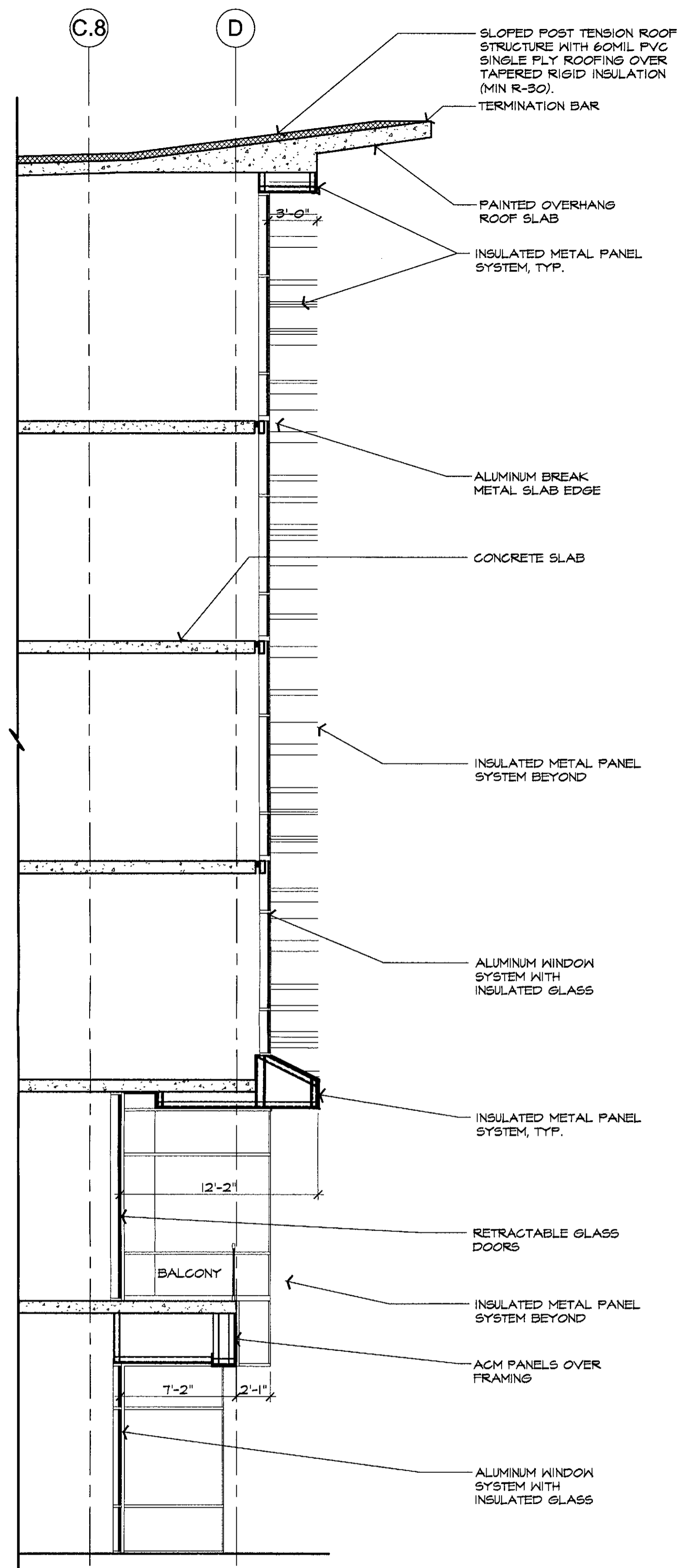
**2** PRELIMINARY WALL SECTION  
SCALE: 3/16 - 1'-00



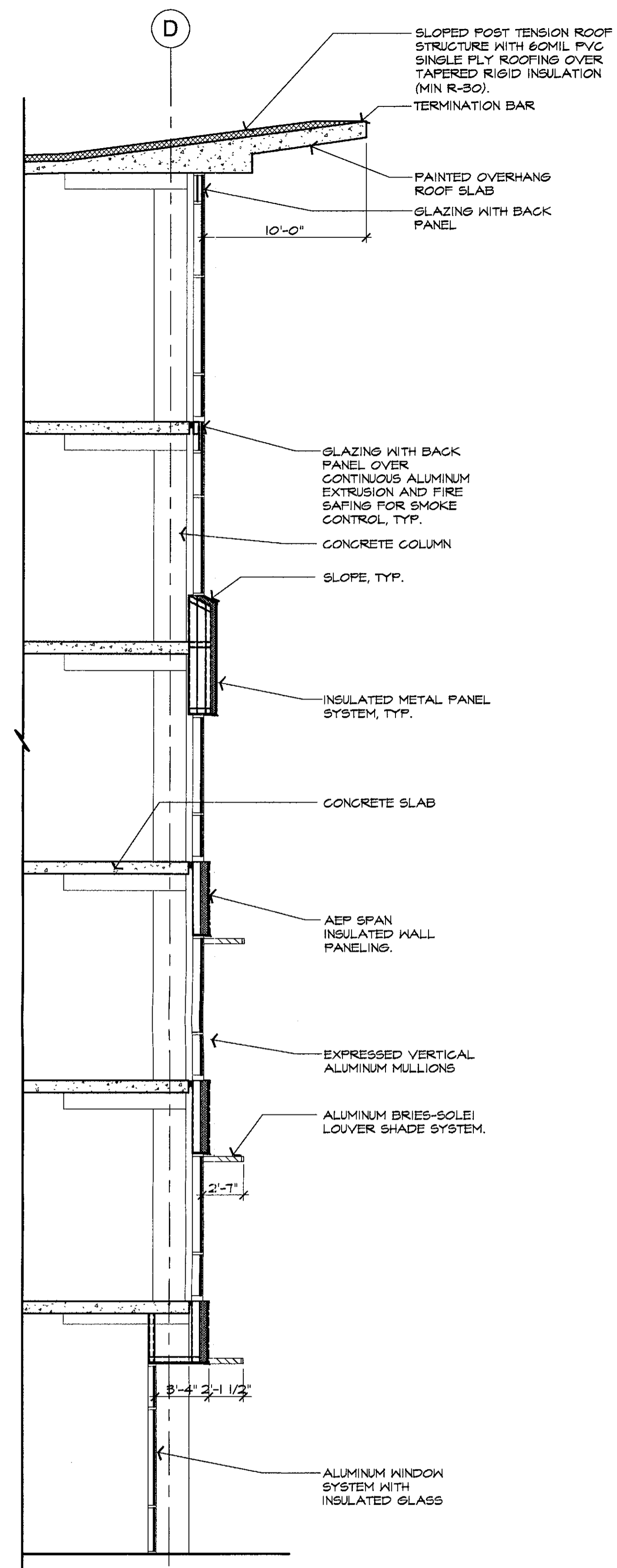
**1** PRELIMINARY WALL SECTION  
SCALE: 3/16 - 1'-00



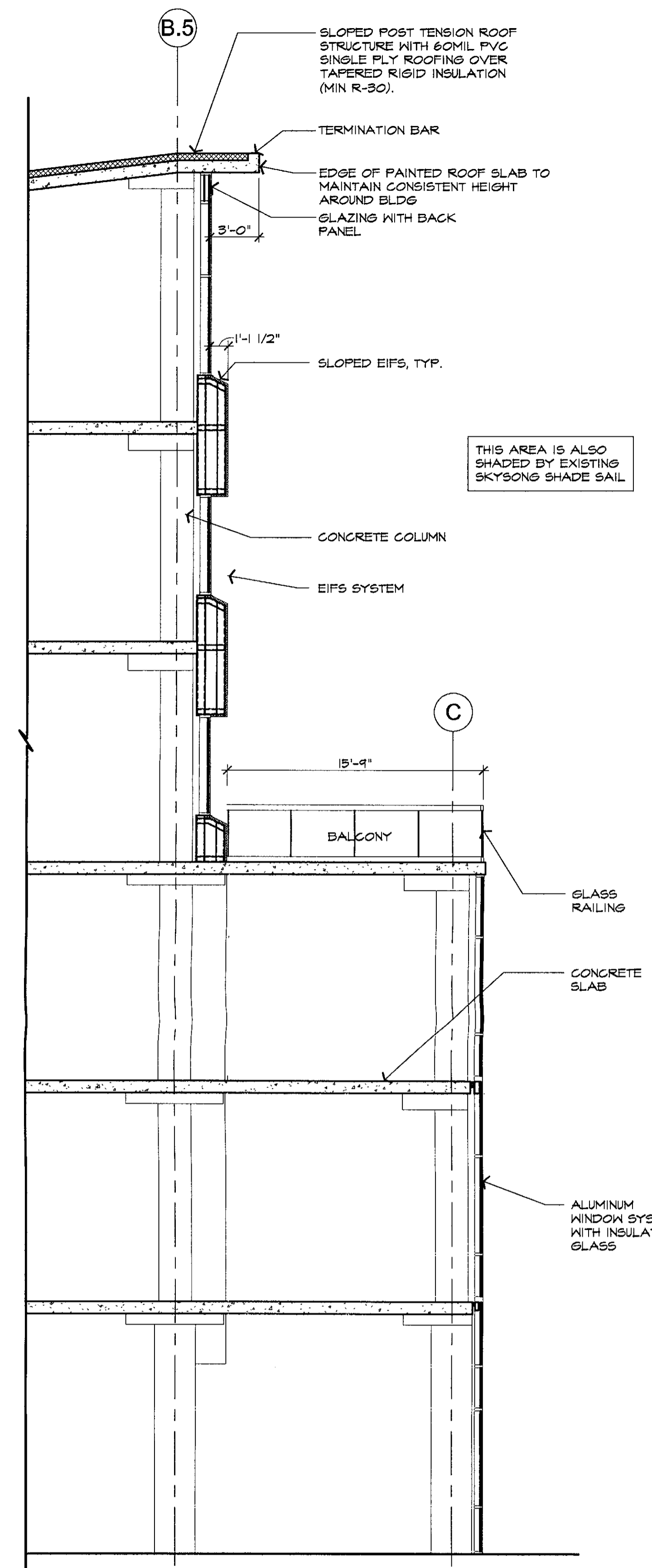
**9 PRELIMINARY WALL SECTION**  
SCALE: 3/16 = 1'-00"



**8 PRELIMINARY WALL SECTION**  
SCALE: 3/16 = 1'-00"



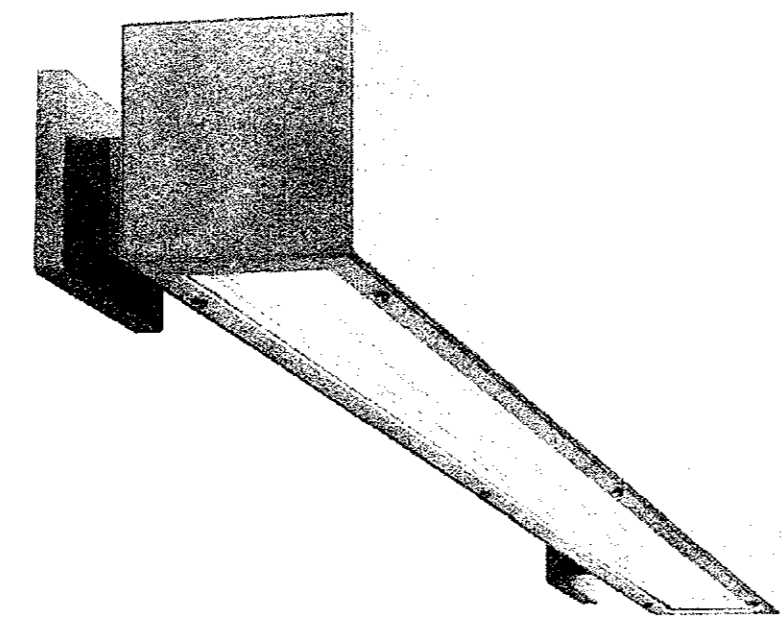
**7 PRELIMINARY WALL SECTION**  
SCALE: 3/16 = 1'-00"



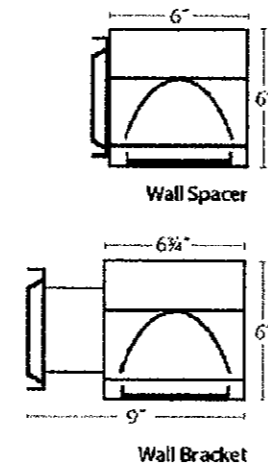
**6 PRELIMINARY WALL SECTION**  
SCALE: 3/16 = 1'-00"

THIS AREA IS ALSO SHADED BY EXISTING SKYSONG SHADE SAIL

P61 | Wet Listed, Surface & Wall



Type:  
Job:



**Multi-purpose outdoor lighting.**  
An IP65 rated aluminum 6" x 8" profile wet location luminaire ideal for exterior wall mounts, parking structures, commercial roll-up door applications. It features a one-piece extruded gasketed door frame.

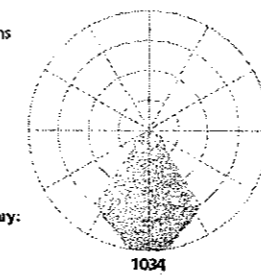
**P61 LED-40 P61**  
 187 Diodes/Lumens  
 21 Watts  
 89 Invol  
 4000 CCT  
 4000 CCT  
 187 Diodes/Lumens  
 21 Watts  
 89 Invol  
 4000 CCT  
 4000 CCT  
 Lumens output may vary +/- 5%  
 4000 CCT for footcandle values above  
 3000K +/- 5% 2000K +/- 20% +/- 5%  
 See LED Details PDF for more info

P61	LED27 2700K	LED3 3000K	LED35 3500K	LED4 4000K	LED5 5000K	LED6 6000K	LED7 7000K	LED8 8000K	LED9 9000K	LED10 10000K	LED11 11000K	LED12 12000K	LED13 13000K	LED14 14000K	LED15 15000K	LED16 16000K	LED17 17000K	LED18 18000K	LED19 19000K	LED20 20000K	LED21 21000K	LED22 22000K	LED23 23000K	LED24 24000K	LED25 25000K	LED26 26000K	LED27 27000K	LED28 28000K	LED29 29000K	LED30 30000K	LED31 31000K	LED32 32000K	LED33 33000K	LED34 34000K	LED35 35000K	LED36 36000K	LED37 37000K	LED38 38000K	LED39 39000K	LED40 40000K	LED41 41000K	LED42 42000K	LED43 43000K	LED44 44000K	LED45 45000K	LED46 46000K	LED47 47000K	LED48 48000K	LED49 49000K	LED50 50000K
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USA Potential Ltg. reserves the right to change design specifications or materials without notice. Please visit [www.prudential.com](http://www.prudential.com) for most current data.  
©2014 All rights reserved. All products manufactured at Prudential Ltg. 1716 E 21st Street, Los Angeles, CA 90058. Wet Listed 09-22-2016

P61 | Wet Listed, Surface & Wall

PROJ: 34-DR-2  
Low Output:  
P61 LED-40 P61  
187 Diodes/Lumens  
21 Watts  
89 Invol  
4000 CCT  
Light Lab-Test  
410150001



Zonal Lumen Summary:  
0-90° = 100%  
90-180° = 0%

Vertical Angle	0	25	45	65	90
0	1026	1026	1026	1026	1026
5	1022	1025	1023	1022	1024
15	993	1006	943	924	921
25	920	869	851	859	858
35	831	757	759	767	712
45	710	636	181	188	189
55	553	450	149	131	126
65	355	101	83	76	74
75	136	40	34	35	35
85	11	12	13	12	11
90	0	0	0	0	0

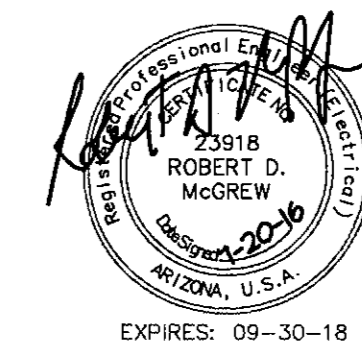
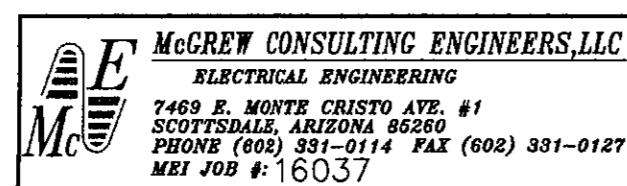
**LED BOARD:** Designed to last with cool running mid-power LEDs projected to maintain 90% (L90) of their initial output for 100,000 hours (at 100°C) and L70 exceeding 150,000 hours.  
**LED SYSTEMS:** LED modules and drivers are field replaceable.  
**PROGRAMMABLE:** Programmable light output. Specify desired lumens or watts per linear foot. Min 2.5 w/ft, consult factory for requests above 12 w/ft.  
**DRIVERS:** Standard binning (all Prudential LED boards) includes testing at the chip level and board integration to provide consistent color temperature within a 3-step MacAdam ellipse, with +/- 5% lumen output range and +/- .004 Duv.  
**DEFECT:** Prudential Ltg's exclusive "job binning" method that ensures color temperature consistency across all luminaires on a project. Meticulously testing and labeling EVERY LED BOARD to +/- 25 lumens, +/- 50K CCT and +/- .004 Duv — while also separating positive from negative — allows us to match color, hue and intensity throughout a project and provides a consistent color temperature within a 2-step MacAdam ellipse.

USA Potential Ltg. reserves the right to change design specifications or materials without notice. Please visit [www.prudential.com](http://www.prudential.com) for most current data.  
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FIXTURE 'SU'



**SKYSONG 6**  
 SCOTTSDALE ROAD & SKYSONG BLVD.  
 SCOTTSDALE, ARIZONA

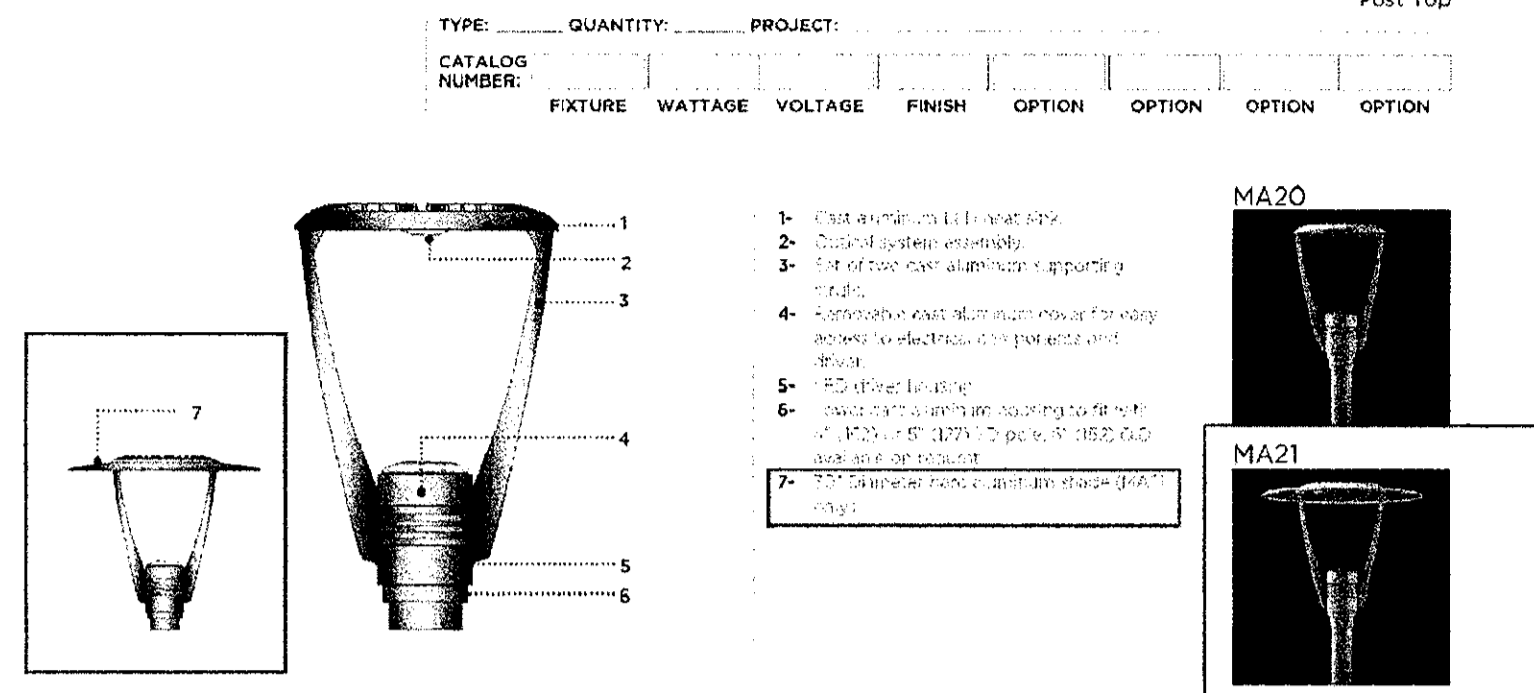


SIMULATION SET  
 RETAIN FOR RECORDS  
 APPROVED  
 DATE: 1/27/18  
 INITIALS: [Signature]

E0.8 7.18.16 10046.914

LUMINIS.

MA20/MA21 SERIES  
MAYA - LED  
Post Top



**MATERIALS**  
Maya is made of polycarbonate with a number of steps with a color of 100% clear. All of our parts are made of 100% clear polycarbonate. The dome is made of 100% clear polycarbonate with a number of steps with a color of 100% clear. The dome is made of 100% clear polycarbonate with a number of steps with a color of 100% clear. The dome is made of 100% clear polycarbonate with a number of steps with a color of 100% clear.

**ELECTRICAL**  
Power supply: 110V-120VAC, 3W to 11.5W. Input: 110V-120VAC, 3W to 11.5W. Output: 110V-120VAC, 3W to 11.5W. Input: 110V-120VAC, 3W to 11.5W. Output: 110V-120VAC, 3W to 11.5W.

**LIFE**  
Rated life: 45,000 hours.

**FINISH**  
Powder coated aluminum.

**MOUNTING**  
Post top mounting.

LUMINIS | Toll free: 866.586.4647 | Fax: 520.655.8972 | Email: info@lumis.com | 2601 Lakeside, Peñon Blanco, CO 81201

LUMINIS.COM

FIXTURE 'SS'

MA20/MA21 SERIES  
MAYA - LED

**LUMINAIRE SELECTION**

MODEL	LED LIGHT SELECTION (4000K/50CRI)	VOLTAGE	FINISH
Type II	34W 4170	120V	White Snow white
	60W 7594		
	102W 13029		
Type III	58W 4388	120V	White Snow white
	78W 8937		
	117W 13777		
Type IV	36W 4487	120V	White Snow white
	78W 8482		
	117W 13065		
Type V	120W 4243	120V	White Snow white
	180W 72397		
	180W 12774		

**AMBER LED LIGHT SELECTION**

MODEL	LED LIGHT SELECTION (4000K/50CRI)	VOLTAGE	FINISH
Type II	34W 4170	120V	White Snow white
	60W 7594		
	102W 13029		
Type III	58W 4388	120V	White Snow white
	78W 8937		
	117W 13777		
Type IV	36W 4487	120V	White Snow white
	78W 8482		
	117W 13065		
Type V	120W 4243	120V	White Snow white
	180W 72397		
	180W 12774		

**OPTIONAL COLORS**

OPTIONAL COLORS	OPTIONAL COLORS
<input type="checkbox"/> White Snow white	<input type="checkbox"/> CS Custom color
<input type="checkbox"/> SOT Jet black	<input type="checkbox"/> RAL RAL # color
<input type="checkbox"/> SOT Bronze	
<input type="checkbox"/> SOT Matte silver	
<input type="checkbox"/> SOT Foggy gray	
<input type="checkbox"/> SOT Gun metal	
<input type="checkbox"/> SOT Champagne	
<input type="checkbox"/> SOT Steel Gray	

**ACCESSORIES**

ACCESSORIES	ACCESSORIES
<input type="checkbox"/> BLC Back light control	<input type="checkbox"/> TH3 3-Tier pole adjuster

**NOTES**  
1. If no voltage is specified, luminaires are factory prewired by default for 120V. For other voltages, please specify with catalog number, or contact factory.  
2. Fuse and protocol options are normally included with poles when specified with Luminis luminaire. (Except for other types of mounting.)  
3. 2" diameter pole adjuster only required for 3" G.D. poles by others.

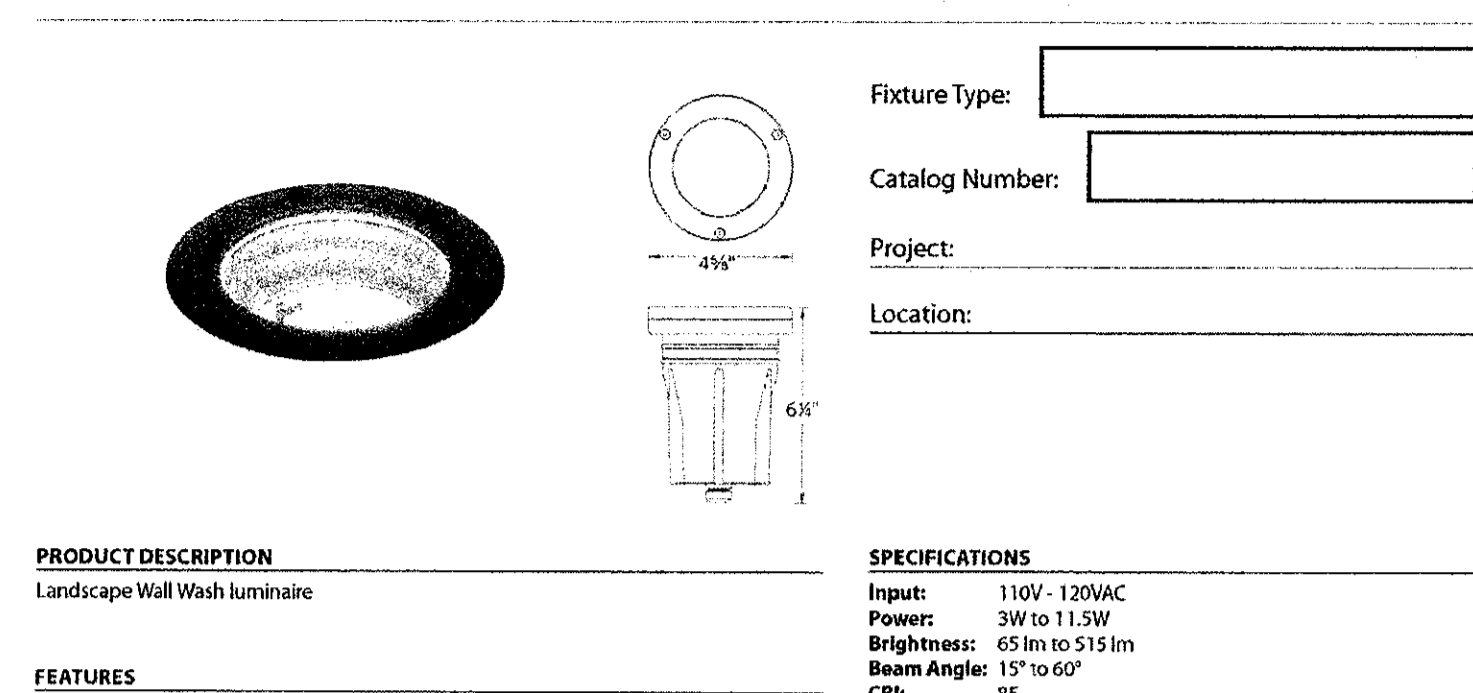
LUMINIS.

LUMINIS | Toll free: 866.586.4647 | Fax: 520.655.8972 | Email: info@lumis.com | 2601 Lakeside, Peñon Blanco, CO 81201

LUMINIS.COM

FIXTURE 'ST'

3" INGROUND 120V  
5032



**PRODUCT DESCRIPTION**  
Landscape Wall Wash Luminaire

**FEATURES**

- Adjustable beam angle
- Integral dimmer
- IP67 rated, protected from temporary immersion under water
- Drive over up to 4500lbs
- Solid diecast brass or corrosion resistant aluminum
- Available concrete pour fit
- 6 lead wire and wire nuts included
- Maintains constant lumen output against voltage drop
- UL 1598 listed
- Not suitable to use with external dimmers

**ORDERING NUMBER**

ORDERING NUMBER	Color Temp	Finish
5032 3" Inground 120V	30 3000K	BZ BRZ Bronze on Aluminum
		BBR BRN Bronze on Brass

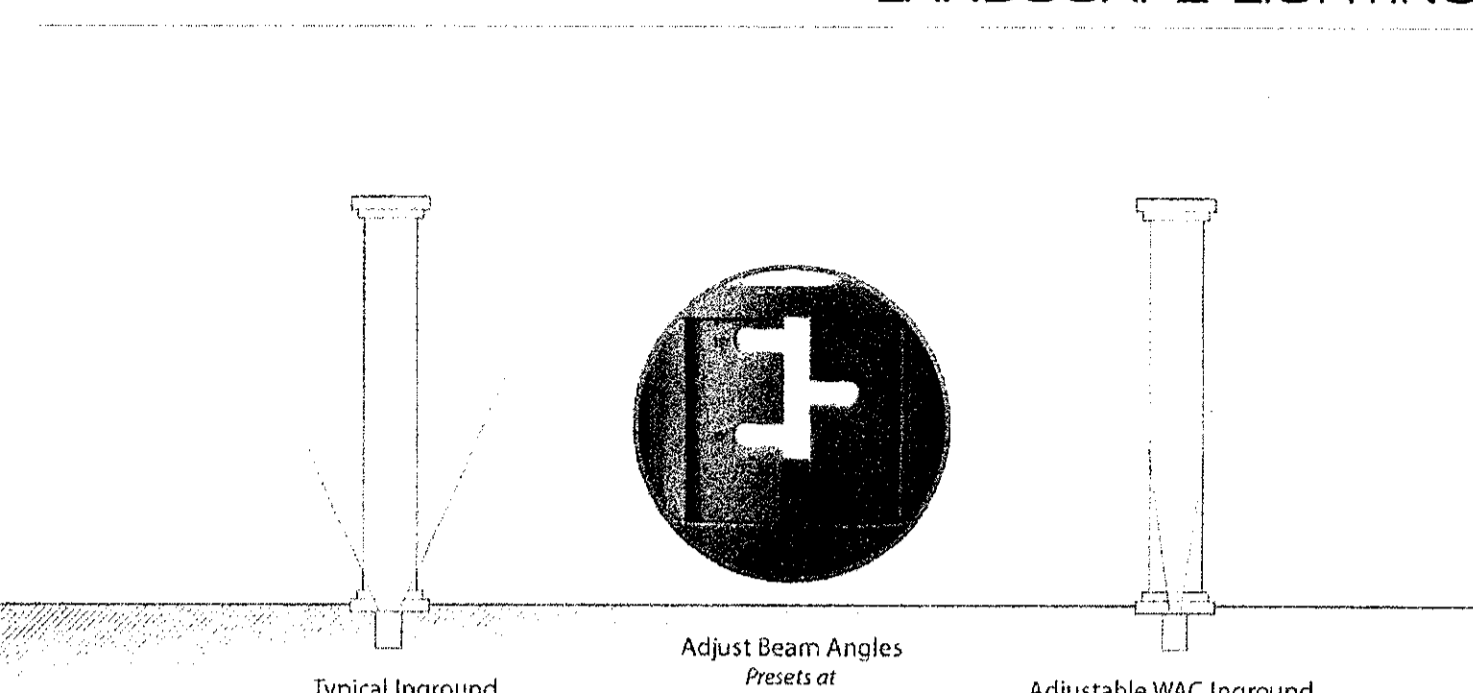
Example: 5032-30BRZ

wacighting.com | Phone: (800) 526-2588 | Fax: (800) 526-2585  
Headquarters/Eastern Distribution Center | 44 Harbor Park Drive | Port Washington, NY 11050  
Central Distribution Center | 1600 Distribution Ct | Lithia Springs, GA 30122  
Western Distribution Center | 1750 Archibald Avenue | Ontario, CA 91760

WAC Lighting retains the right to modify the design of our products at any time as part of the company's continuous improvement program. JUL 2016

WAC  
LANDSCAPE LIGHTING

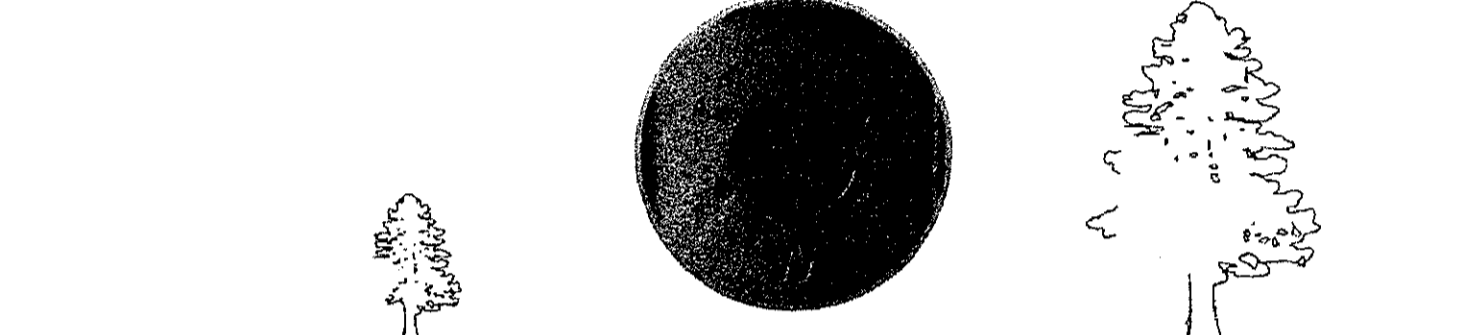
3" INGROUND 120V  
5032



**Typical Inground**  
Most light output goes into the air, causing light pollution.

**Adjust Beam Angles**  
Presets at 15°, 30°, 45°, 60°

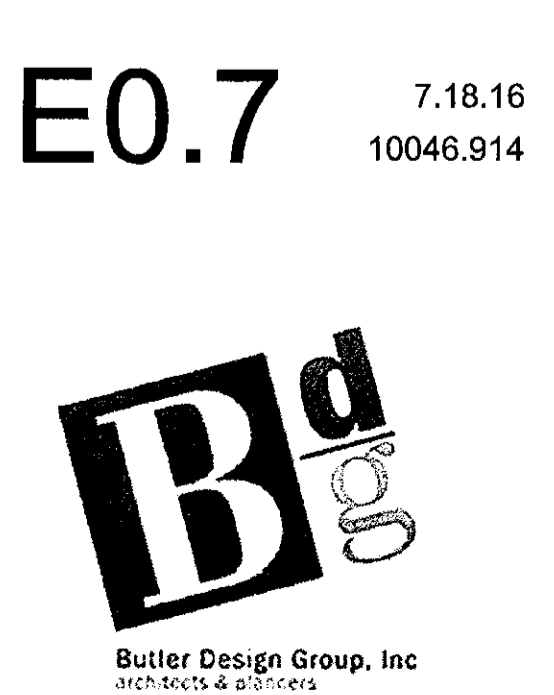
**Adjustable WAC Inground**  
Adjust the light to where you need it.

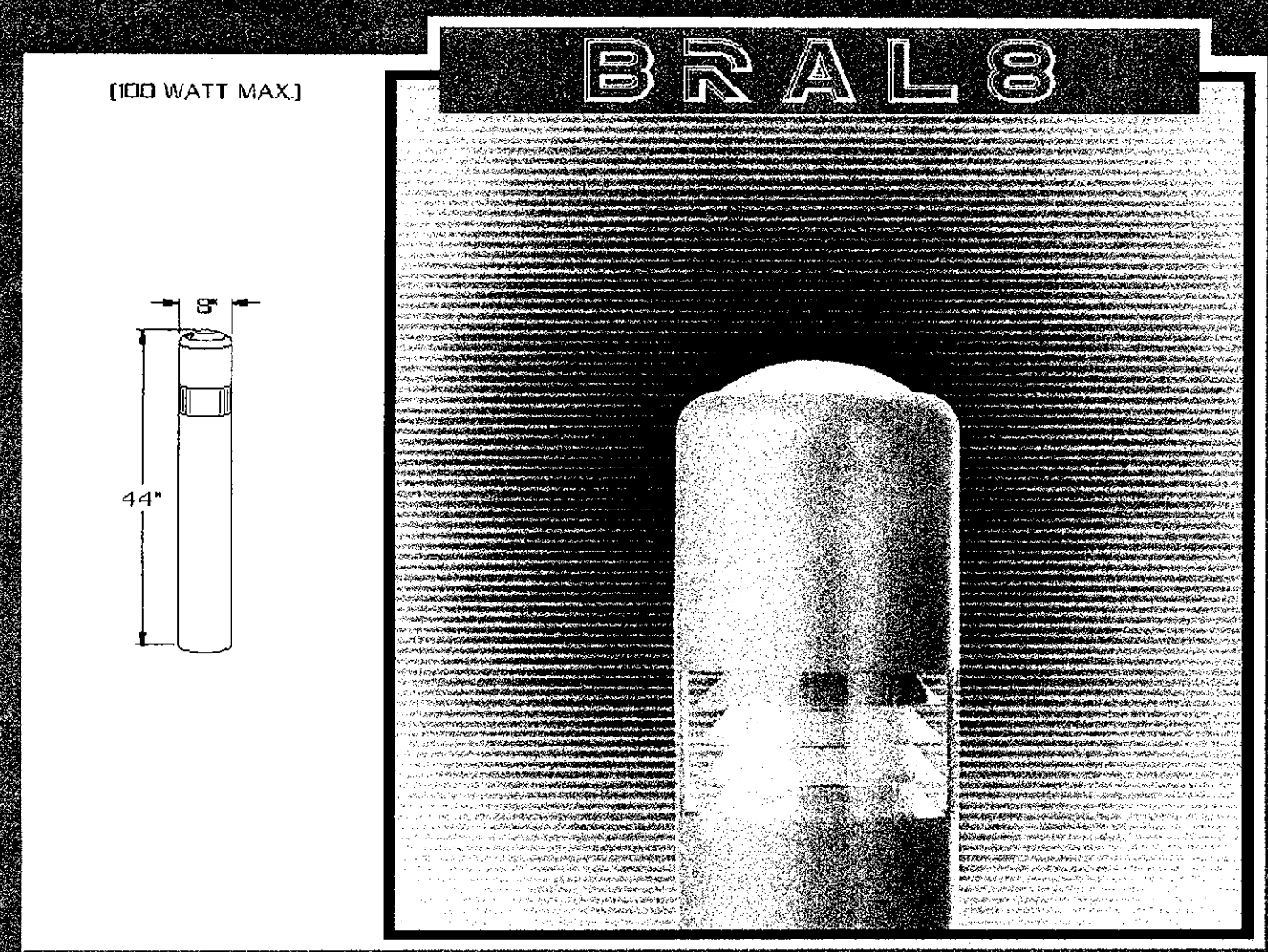


**Control Brightness**  
Adjustable from 65lm to 515lm  
Presets Comparable to 10W, 25W, 35W, 50W, 75W Halogen source

wacighting.com | Phone: (800) 526-2588 | Fax: (800) 526-2585  
Headquarters/Eastern Distribution Center | 44 Harbor Park Drive | Port Washington, NY 11050  
Central Distribution Center | 1600 Distribution Ct | Lithia Springs, GA 30122  
Western Distribution Center | 1750 Archibald Avenue | Ontario, CA 91760

WAC Lighting retains the right to modify the design of our products at any time as part of the company's continuous improvement program. JUL 2016





**BRAL8**

(100 WATT MAX.)

**OPTICS:**

- CL: CAST ALUMINUM LOUVER WITH CLEAR OR OPAL POLYCARBONATE LENS
- ICL: INTERNAL LOUVER CLEAR ACRYLIC LENS
- PG-I: PRISMATIC GLASS REFRACTOR WITH CLEAR ACRYLIC LENS
- WA: OPAL ACRYLIC DIFFUSER

**WALL MOUNT STYLE:**

EXTRUDED ALUMINUM ARM AND CAST ALUMINUM WALL BRACKET ASSEMBLY PROVIDED WITH BUILT IN BASKETED WIRE ACCESS FOR FIXTURE SUPPLY WIRE CONNECTION.

**LAMP SIZE: 13 - 100 WATT**

OPAL DIFFUSER

EXTRUDED ALUMINUM CONSTRUCTION.

INTEGRAL CAST ALUMINUM BALLAST HOUSING.

**ORDERING INFORMATION:**

MODEL NO.	OPTICS	WATTAGE	TYPE	VOLTAGE	MOUNTING	FINISH	OPTIONS
BRAL8	CL	100	HPS	120	8" DIA. BOLLARD	BLACK RAL-6005-T	HS 90°
	ICL	75	MH	277	5" DIA. BOLT CIRCLE	WHITE RAL-9003-T	HS 135°
	PG-I	70	MV	MT	5" DIA. BOLT CIRCLE	GREY RAL-7041-T	HS 180°
	WA	80	PL		5" DIA. BOLT CIRCLE	DRK BRCKZT RAL-6014-T	
		35	INC		5" DIA. BOLT CIRCLE	GRN RAL-6005-T	
		25			5" DIA. BOLT CIRCLE		
		19			5" DIA. BOLT CIRCLE		
		13			5" DIA. BOLT CIRCLE		

**OPTIONAL HEIGHTS:**

- 32"
- 38"

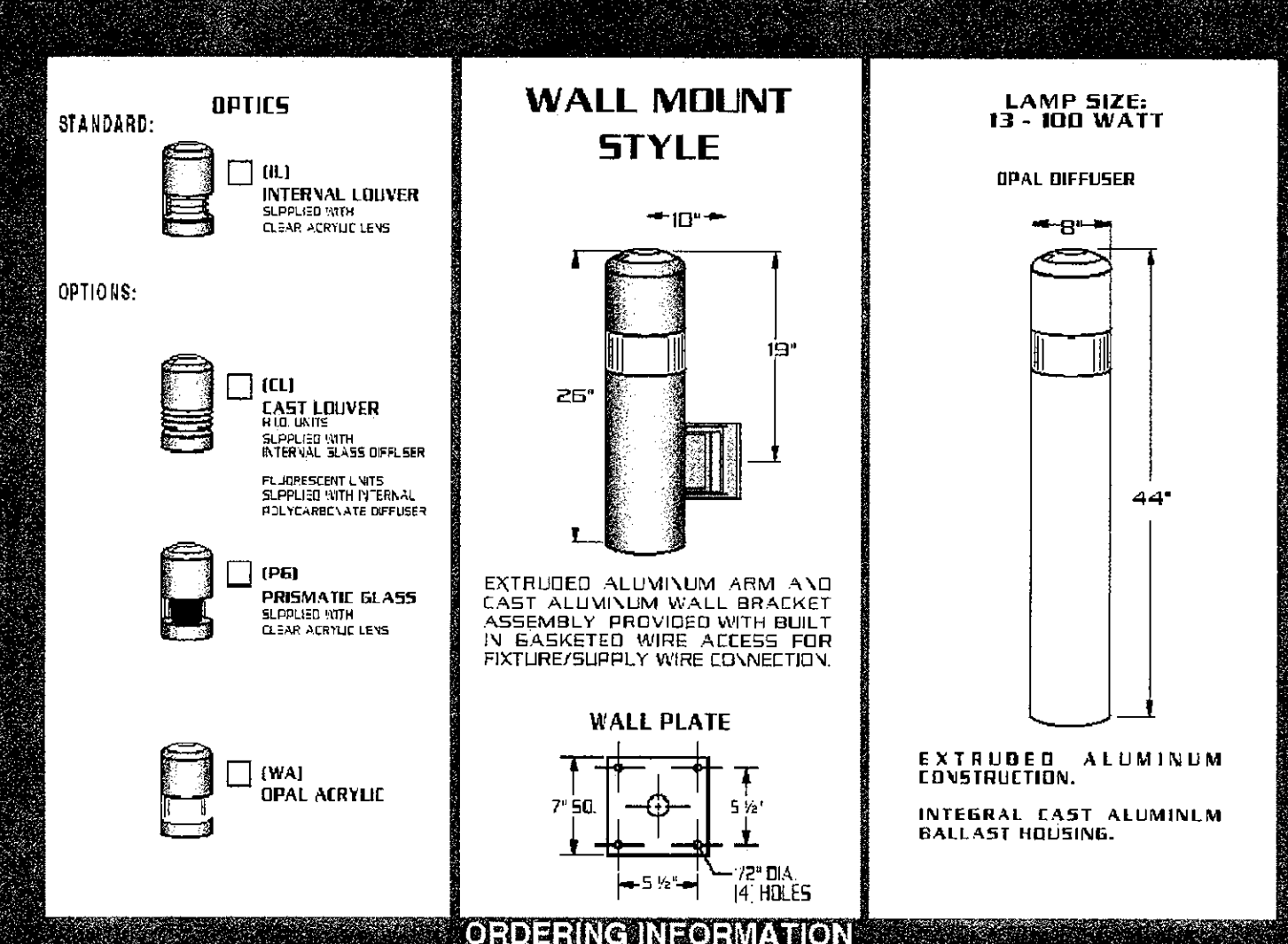
U.S. ARCHITECTURAL LIGHTING

691 WEST AVENUE 2, PALMDALE, CA 93550

805.727.2200

FAX: 805.727.2201

WWW.USALIGHT.COM



**6" Evo®**  
Open Reflector

Solid-State Lighting

**OPTICAL SYSTEM:**

- Soft flared semi-specular, math-diffuser or specular lower refractor
- Patented Rowling Beam optical design (US Patent No. 7,460,003)
- 45° cutoff to source and source usage
- Top down beam characteristic

**Mechanical System:**

- 16 gauge galvanized steel construction, maximum 1.12" coating thickness
- Telescopic mounting has maximum of 30° and minimum of 15°, pre-ratcheted, 4" vertical adjustment
- Toolless and tool-free panel installation
- Junction box capacity: 8 AWG, 4 out 1 1/2 WAG rated for 60°C
- Light engine and driver accessible through aperture

**Electrical System:**

- Fully reconfigurable and upgradeable to meet 110 V light engine
- UL listed components and 400 Lumen/ft² are based on E12061 LM 275 20°/4
- 120-277VAC, 50/60Hz power supply with 0.14W dimming (15:1 dimming) rated for 24,000-hour life
- Overhead used when circuit protected
- LEDs tested under LM80

**LISTINGS:**

- Listings are CSA certified to meet US and Canadian standards and locations
- 2 year limited warranty. Complete warranty terms located at: www.usalighting.com/Content/Resource/Forms\_and\_Installation.aspx

**WARRANTY:**

2 year limited warranty. Complete warranty terms located at: www.usalighting.com/Content/Resource/Forms\_and\_Installation.aspx

**EXAMPLE: EVO 25/10 GAR 120**

Series	Color temperature	Nominal lumen values	Aperture/Trim color	Distribution	Finish	Voltage
EVO	27° 2700 K	10 (100 lumens)	6" Dia. Clear	(blank) 1.0 s/n/h	(blank)	120
	30° 3000 K	14 (140 lumens)	6" Dia. Clear	Very narrow (0.5 s/n/h)	LD	277
	35° 3500 K	18 (180 lumens)	6" Dia. Clear	Narrow (0.6 s/n/h)	LS	277
	41° 4100 K	22 (220 lumens)	6" Dia. Clear	Medium (0.8 s/n/h)	Specular	347

**WARRANTY CONSUMPTION MATRIX**

LUMENS	WATTAGE	LUMENS per WATT
2700	32	67
1800	28	66
1400	25	63
1000	18	61

**ORDERING NOTES:**

- Not available with finishes.
- Refer to EECLE 2451 for compatible dimmers.
- Not available with NE17 option.
- 120V only.
- Not available with white reflector.
- For dimensional changes, refer to E1207-1.01.

U.S. ARCHITECTURAL LIGHTING

691 WEST AVENUE 2, PALMDALE, CA 93550

805.727.2200

FAX: 805.727.2201

WWW.USALIGHT.COM

**gotham**

Gotham Architectural Downlighting LED Downlights

**6" Evo®**  
Open Reflector

Solid-State Lighting

**OPTICAL SYSTEM:**

- Soft flared semi-specular, math-diffuser or specular lower refractor
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- 120V only.
- Not available with white reflector.
- For dimensional changes, refer to E1207-1.01.

**U.S. ARCHITECTURAL LIGHTING**

691 WEST AVENUE 2, PALMDALE, CA 93550

805.727.2200

FAX: 805.727.2201

WWW.USALIGHT.COM

**FIXTURE 'SF' AND 'SF2'**

\*for DRB strips, bollards shall not include clear lenses on top to allow for uplighting

**FIXTURES 'SM' AND 'SM1'**

**McGREW CONSULTING ENGINEERS, LLC**

ELECTRICAL ENGINEERING

7400 N. MONTE CRISTO AVE. #1

SCOTTSDALE, ARIZONA 85260

PHONE (602) 351-0114 FAX (602) 351-0127

MEY JOB #: 16037

**PLAZA COMPANIES**

**ASU Foundation**  
for a new American University

ARIZONA STATE UNIVERSITY

**SKYSONG 6**

SCOTTSDALE ROAD & SKYSONG BLVD.

SCOTTSDALE, ARIZONA

**HOLUALOA COMPANIES**

**Butler Design Group, Inc.**  
architects & planners

APPROVED

ROBERT D. MCGREW

APR 20 2016

ARIZONA, U.S.A.

EXPIRES: 09-30-18

\*As Noted

STIPULATION SET

RETAIN FOR RECORDS

APPROVED

15-17

DATE

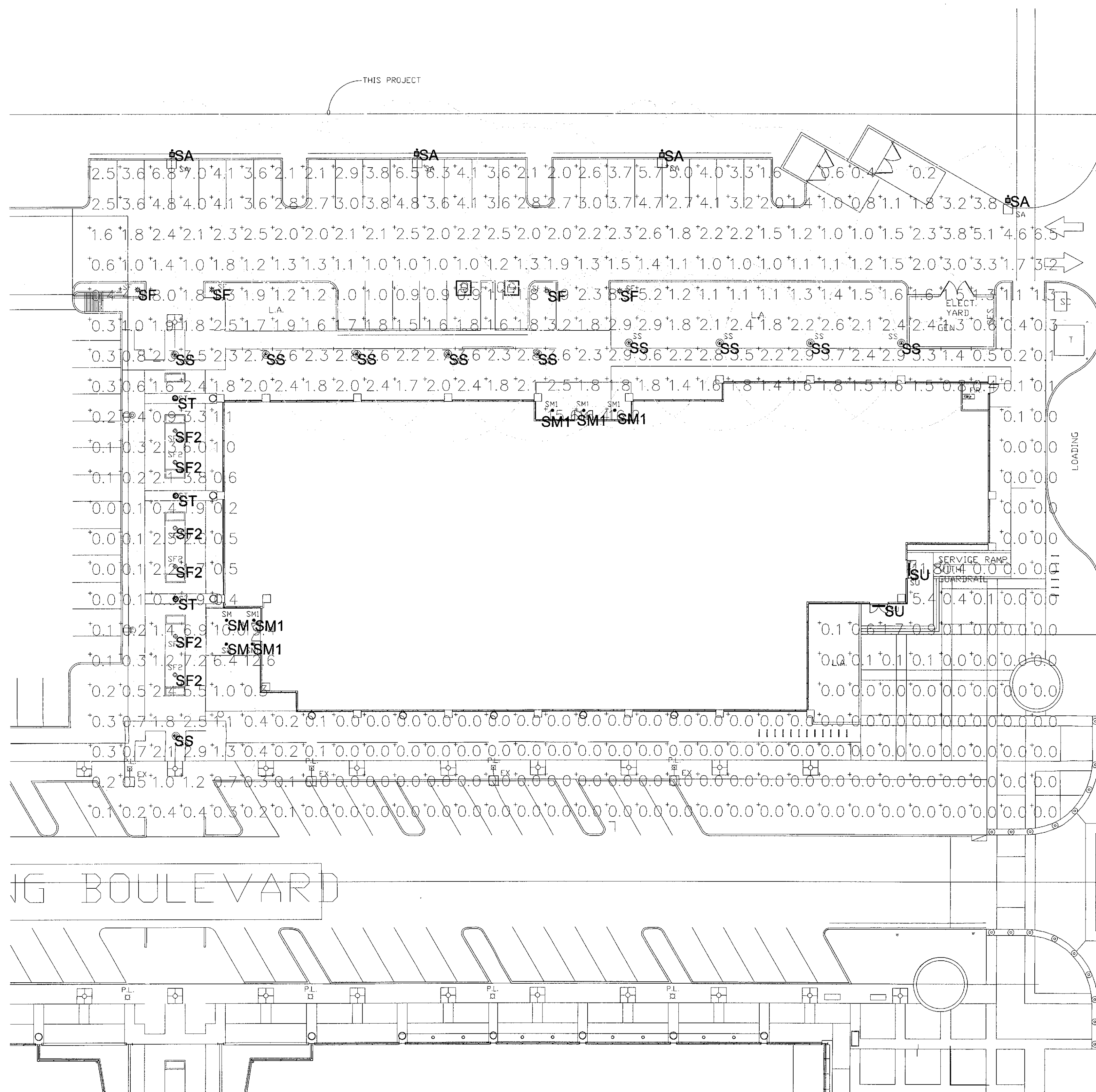
INITIALS

**E0.6**

7.18.16

10046.914





**SITE PHOTOMETRIC PLAN - BLDG VI**  
SCALE: 1"=20'-0"  
NORTH

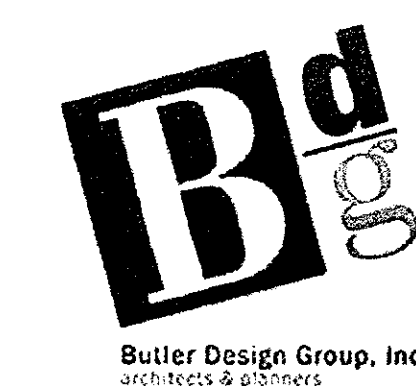


# SKYSONG 6

SCOTTSDALE ROAD & SKYSONG BLVD.  
SCOTTSDALE, ARIZONA



HOLUALOA COMPANIES



## LUMINAIRE SCHEDULE

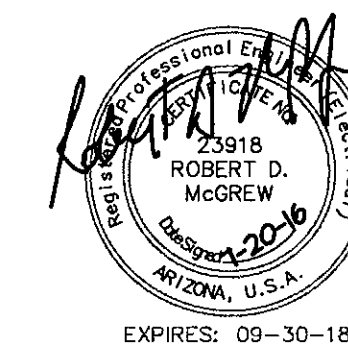
Symbol	Label	Qty	Catalog Number	Description	Lamp	File	Lumens	LLF	Watts
□	SA	4	LSI INDUSTRIES XPT3-3-LED-128-350-NW-UE SSS17.5	FULL CUTOFF AREA LIGHT MOUNTED AT 20 FT AFG	4000K LED	XPT3-3-LED-128-350-NW-UE.ies	Absolute	0.90	147
○	SF	4	USARCH BRAL8-CL-WA-100PSMH-MT-STD FINISH-420AH	8" DIA X 42" HT CYLINDRICAL BOLLARD W/LIGHT CENTER @ 36" 2-SECTION LOUVER FROSTED LENS	1-100 WATT METAL HALIDE	RE10s5hc.IES	8500	0.70	100
○	SF2	6	USARCH BRAL8-CL-CA-100PSMH-MT-STD FINISH-420AH	8" DIA X 42" HT CYLINDRICAL BOLLARD W/LIGHT CENTER @ 36" 2-SECTION LOUVER CLEAR LENS UPLIGHT	1-100 WATT METAL HALIDE	RE10s5hc.IES	8500	0.81	100
○	SM	2	GOTHAM EVO 35/15 6AR 120	6" LED DOWNLIGHT	LED	EVO_35_18_6 AR_120.ies	Absolute	0.90	27.36
○	SM1	5	GOTHAM EVO 35/15 6AR EL	6" LED DOWNLIGHT WITH EMERGENCY LIGHTING SYSTEM	LED	EVO_35_18_6 AR_120.ies	Absolute	0.75	27.36
○	SS	10	LUMINIS MA21-L21W48-LD5S/RSS- 10' OVERALL HEIGHT	LUMINIS POST TOP LUMINAIRE WITH INDIVIDUAL LED LENS OPTICS AND CLEAR OUTER LENS	LED	MA14-L21W48-LD5S.ies	Absolute	0.90	47.05
○	ST	3	WAC 5032 30 BBR	INGRADE UPLIGHT	LED	5031-ccbz-3000k_60d2.ies	248	0.90	15.5
	SU	2	PRUDENTIAL P61-LED-35LO-4 WA TMW D1 UNV WS ND EML	WALL MOUNT AT EGRESS DOORWAYS WITH INTEGRAL EMERGENCY LIGHTING SYSTEM	LED	P61-LED-4LO-PCL.IES	Absolute	0.90	21.02

## STATISTICS

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
site lighting	+	1.6 fc	19.4 fc	0.0 fc	N/A	N/A

## ALTERNATE FIXTURE(S) NOTE

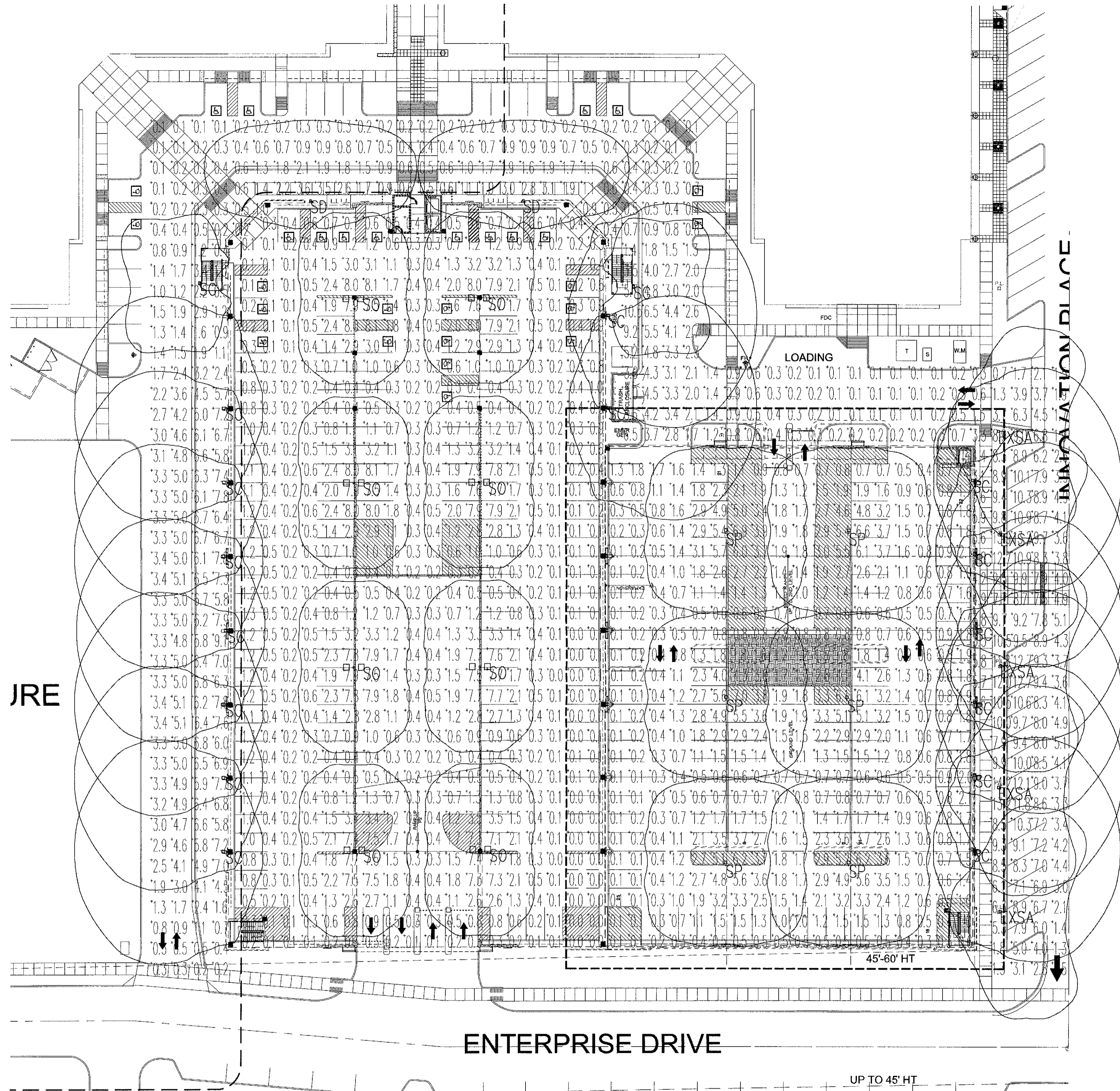
1. ALTERNATE FIXTURE PACKAGES MAY BE SUBMITTED FOR APPROVAL. ALTERNATE FIXTURES ARE TO SIMILAR IN STYLE AND MATCH THE QUALITY OF FIXTURE PACKAGE SHOWN ON PLANS. ALTERNATE FIXTURE PACKAGES MUST CONTAIN FIXTURE CUTSHEETS AND A PHOTOMETRIC WITH LIGHT LEVELS (MAX, MIN, RATIOS, ETC.) MATCHING THOSE ESTABLISHED ON THESE PLANS.



STIPULATION SET  
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**SITE PHOTOMETRIC PLAN - GARAGE EXP.**  
 SCALE: 1"=80'-0"  
 NORTH

LUMINAIRE SCHEDULE										
Symbol	Label	Qty	Catalog Number	Description	Lamp	File	Lumens	LLF	Watts	
□	SC (EX)	15	LSI XPT3-FT-LED-128-350-NW-UE	WALL MOUNTED AT 22.33 FT	LED	XPT3-FT-LED-128-350-NW-UE.ies	Absolute	0.90	144	
□	SD (EX)	2	LSI XPTS3-2-LED-SS-CW-UE	WALL MOUNTED AT 22.33	LED	XPTS3-3-LED-SS-CW-UE.ies	Absolute	0.90	67.9	
□	SG (EX)	2	LSI XPWS3-FT-LED-28-450-NW-UE	WALL MOUNTED AT 16 FT AFG	LED	XPWS3-FT-LED-28-450-NW-UE.ies	Absolute	0.90	44	
○	SN (EX)	0	GOTHAM CF11 1/42TRT 8AR	11" DIAMETER CYLINDER WITH 8" SEMI-SPECULAR REFLECTOR 1/42TRT	ONE 42-WATT TRIPLE TUBE COMPACT FLUOR., HORIZONTAL POSITION.	CF11_1_42TRT_8AR.ies	3200	0.75	48	
□	SO (EX)	8	LSI XPTS3-2-LED-63-SS-NW-UE/SSS 11.5 WITH 2.5' ABSE	TWIN HEAD POLES MOUNTED 14' ON PARKING GARAGE DECK	LED	XPTS3-2-LED-63-SS-NW-UE.ies	Absolute	0.90	138	
□	SP	6	LSI XPT3-5-LED-128-350-NW-UE SSS11.5 WITH 2.5' BASE	SINGLE HEAD POLE MOUNTED 14' ON PARKING GARAGE DECK	LED	XPT3-5-LED-128-350-NW-UE.ies	Absolute	0.90	144	
□	EXSA	5	HESS 660	EXISTING DECORATIVE FIXTURE	150 METAL HALIDE	Canto_3LV_Ty pelll_3K.ies	11500	0.81	150	

STATISTICS						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
FC AT GRADE	+	3.5 fc	14.2 fc	0.1 fc	142.0:1	35.0:1
parking garage roof	+	1.4 fc	8.1 fc	0.0 fc	N/A	N/A

**McGREW CONSULTING ENGINEERS, LLC**  
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 SCOTTSDALE, ARIZONA 85260  
 PHONE (480) 351-0114 FAX (480) 351-0127  
 MBI JOB #: 16037

# SKYSONG 6

SCOTTSDALE ROAD & SKYSONG BLVD.  
 SCOTTSDALE, ARIZONA



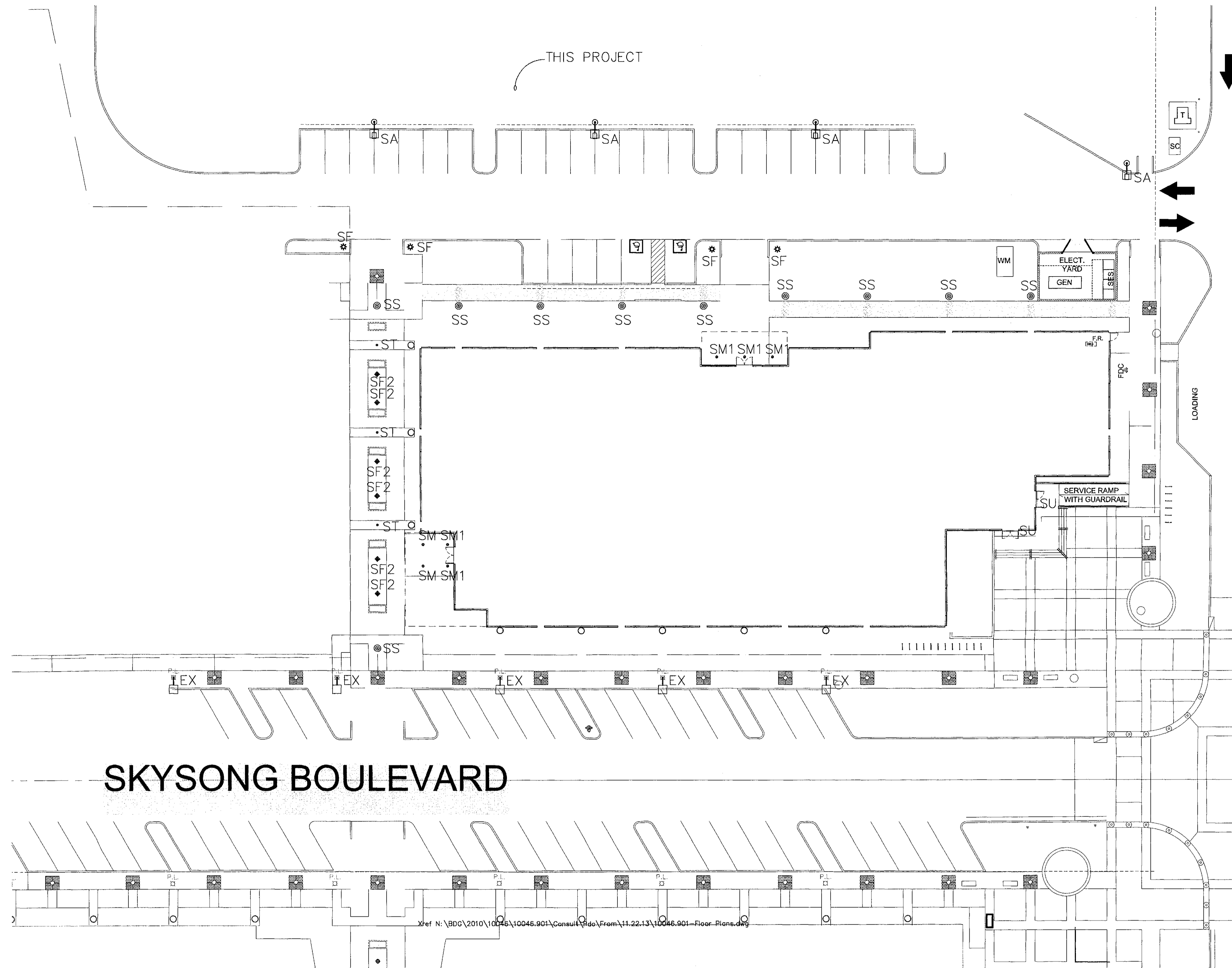
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HOLUALOA® COMPANIES

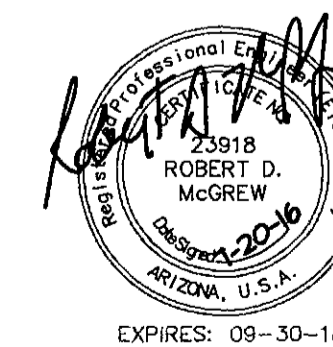




SITE LIGHTING PLAN - BLDG VI  
SCALE: 1"=20'-0"



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MEX JOB #: 16037

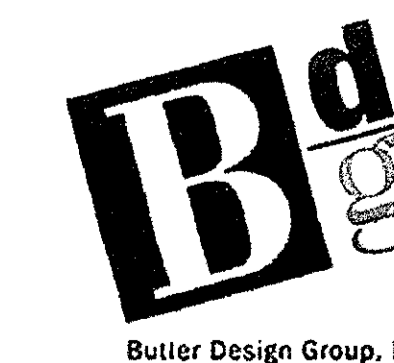


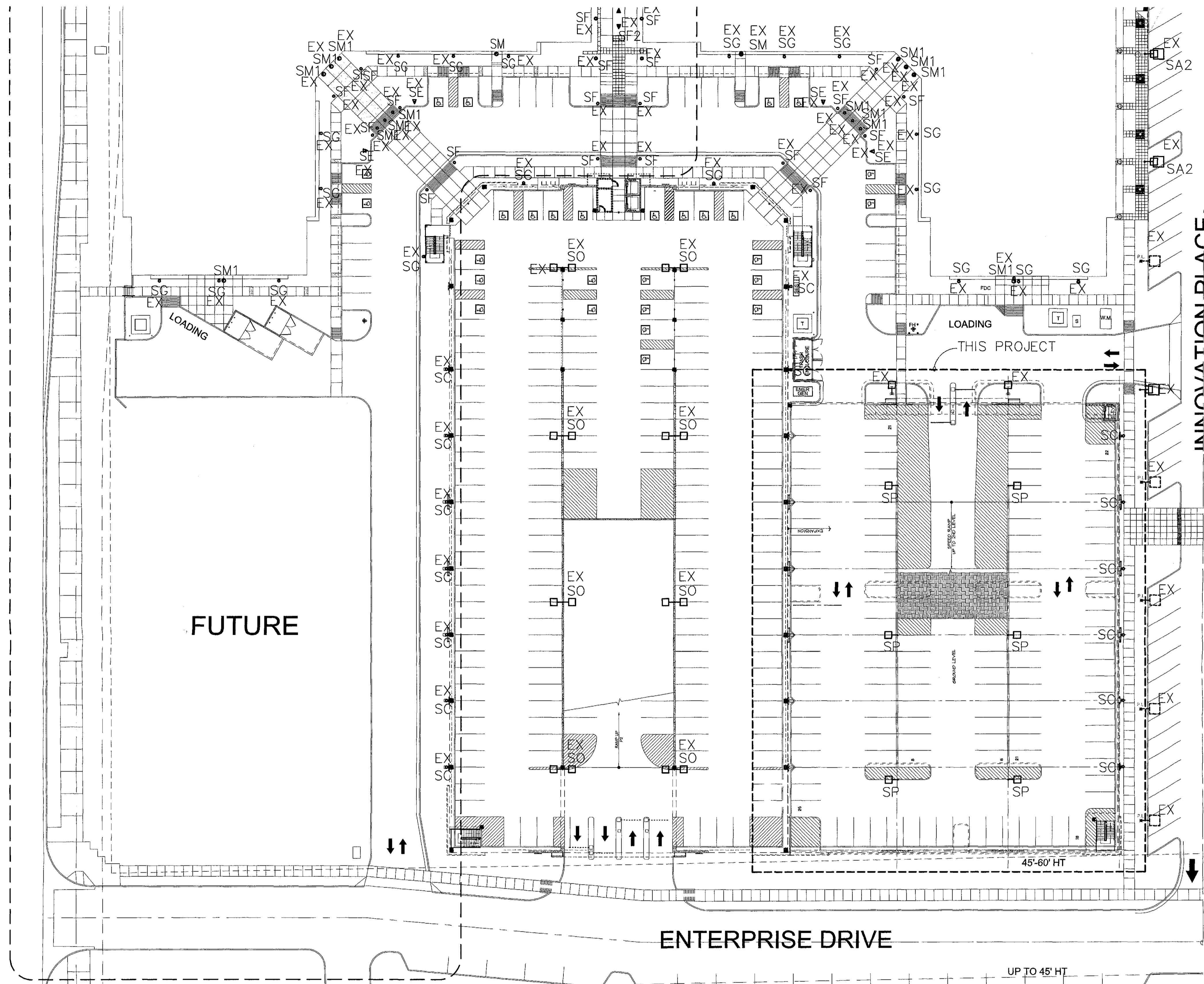
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11-17-16  
DATE INITIALS

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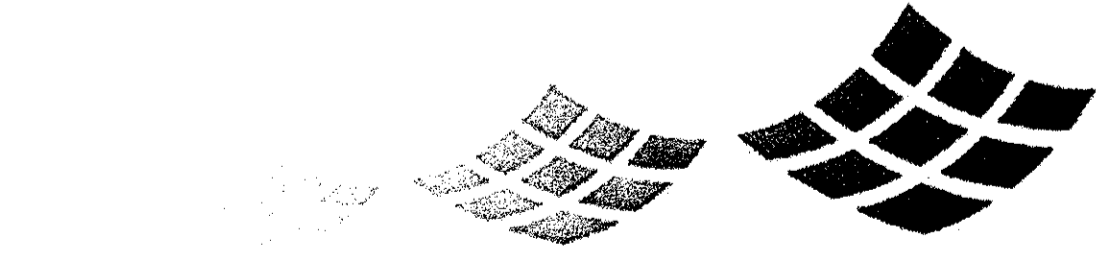




**GENERAL NOTES**  
 1. EX = EXISTING TO REMAIN

**SITE LIGHTING PLAN - GARAGE EXP.**  
 SCALE: 1"=80'-0"  
 NORTH

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 SCOTTSDALE, ARIZONA

Professional Engineer  
 73916  
 ROBERT D. MCGREW  
 09-30-18  
 EXPIRES: 09-30-18

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 APPROVED  
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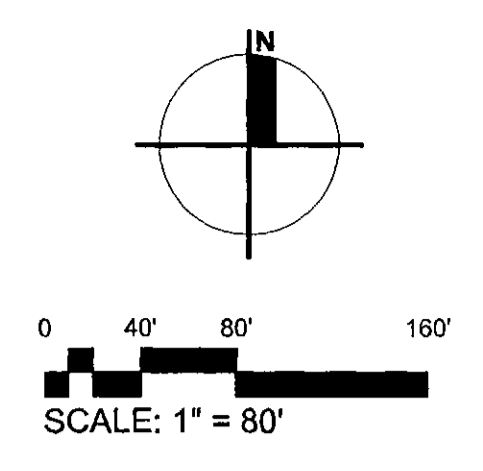
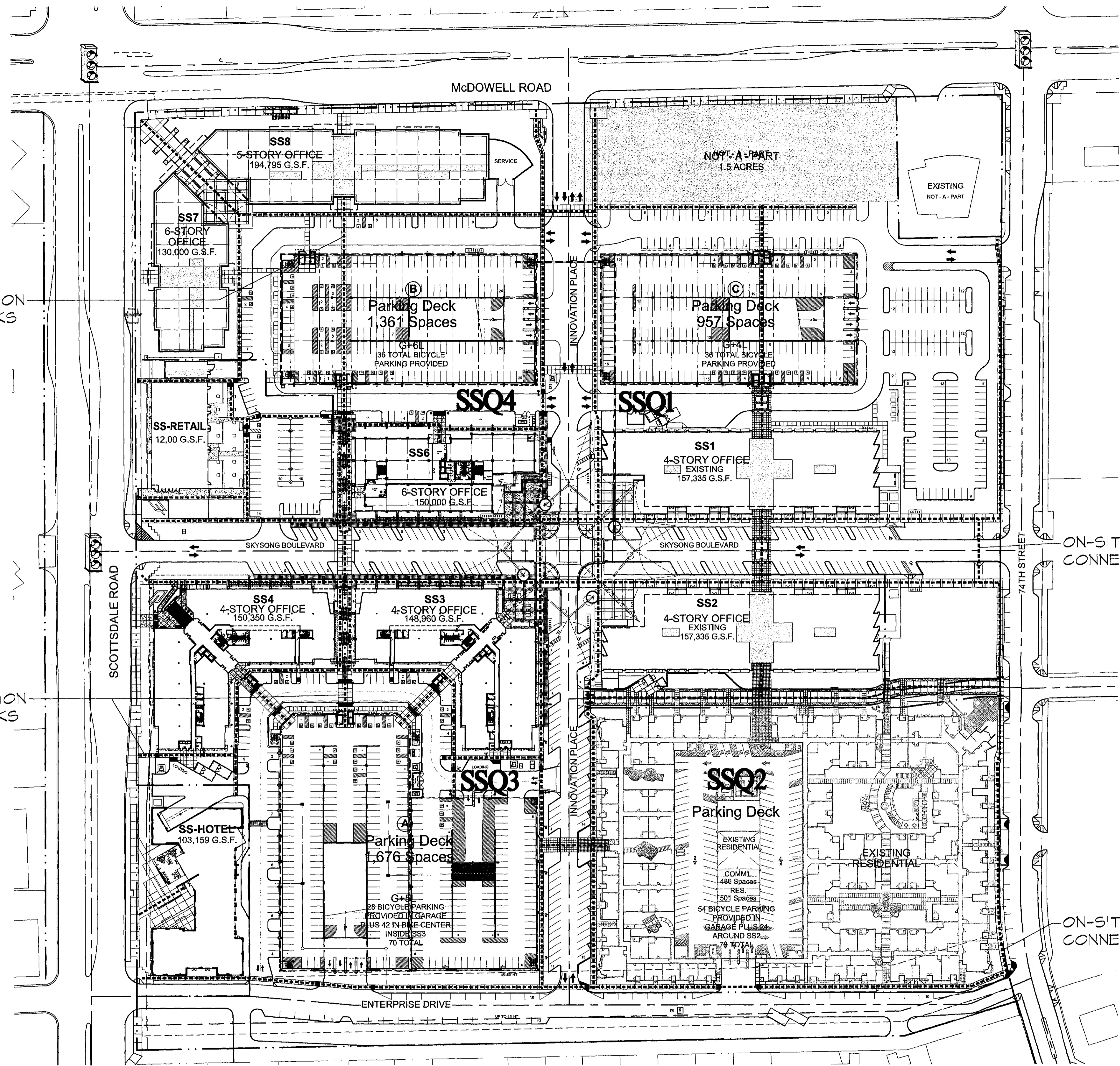
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**PLAZA COMPANIES**

**ASU Foundation**  
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ON-SITE CIRCULATION  
CONNECTIVITY LINKS

ON-SITE CIRCULATION  
CONNECTIVITY LINKS

ON-SITE CIRCULATION  
CONNECTIVITY LINKS

ON-SITE CIRCULATION  
CONNECTIVITY LINKS

1 MASTER SITE PLAN DEVELOPMENT  
SCALE: 1" = 80'-0"  
FOR REFERENCE ONLY



# SKYSONG 6

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