

Full Size

8.5 x 11

11 x 17

(site plan, landscape, elevations)

PROJECT ADDRESS: NWC SHEA BLVD. AND 124TH ST. NOTE

ZONING: R1-43 ESL

APN: 217-29-032 AND 217-29-033 (Q.S.-29-57)

OCCUPANCY: A-3 OCCUPANCY, CHURCH

CONSTRUCTION TYPE: TYPE II (A.F.E.S.)

SITE AREA: NET: +/- 349,895 S.F. (+/- 8.0 ACRES)

GROSS: +/- 412,028 S.F. (+/- 9.5 ACRES)

GROSS BUILDING AREA: TOTAL FOR PHASE:

PHASE I:	13,533 S.F.	13,533 S.F.
PHASE II: MAIN LEVEL:	15,584 S.F.	
STORAGE ADDITION:	478 S.F.	
SUBTOTAL:	16,062 S.F.	29,595 S.F.
		(45,984 S.F. APPROVED BY 44-DR-2004)
PHASE III: MAIN LEVEL:	7,435 S.F.	
SUBTOTAL:	7,435 S.F.	37,030 S.F.
		(56,757 S.F. APPROVED BY 44-DR-2004)

FLOOR AREA RATIO PROVIDED:		
PHASE I:	13,533 S.F. / 349,895 S.F. =	0.039
PHASE II:	29,585 S.F. / 349,895 S.F. =	0.085
PHASE III (BUILD-OUT):	37,030 S.F. / 349,895 S.F. =	0.106
MAX FLOOR AREA RATIO PERMITTED:		0.20

ALLOWABLE BLDG. HEIGHT: PER SEC. 5.101.12.c, UP TO 30' W/ UP TO 10% ROOF AREA @ 40'
SUBJECT TO ESL DESIGN STANDARD SEC. 6.1070.B.1b.
REQUEST TO EXCEED ESL HEIGHT LIMIT OF 24' A.N.G.

PROPOSED BUILDING HEIGHTS: SEE ROOF PLAN SHEET A2-2A

PARKING REQUIREMENTS:

PHASE I:			
REQUIRED:	AUDITORIUM:	305 FIXED SEATS @ 4 SEATS / SPACE =	76.2 P.S.
		1,505 S.F. PLATFORM / 30 S.F. / SPACE =	50.1 P.S.
	CLASSROOMS / MEETINGS:	4,021 S.F. @ 300 S.F. / SPACE =	13.4 P.S.
	TOTAL:		139.7 P.S.

PROVIDED:

PHASE II:			
REQUIRED:	ADD'L AUDITORIUM SEATS:	468 SEATS @ 4 SEATS / SPACE =	117 P.S.
	CLASSROOMS / MEETINGS:	9,696 S.F. @ 300 S.F. / SPACE =	32.3P.S.)
	PHASE I		
	CLASSROOMS REMOVED:	3,993 S.F. @ 300 S.F. / SPACE =	(13.3 P.S.)
	SUBTOTAL:		136 P.S.
	TOTAL PHASE II REQ'D:	139.7 EXISTING P.S. + 136 P.S. =	275.7 P.S.

PROVIDED:

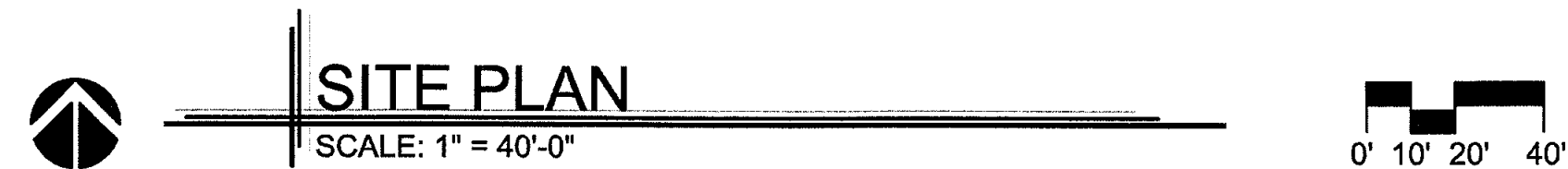
190 EXISTING P.S. + 108 P.S. =	298 P.S.
INCLUDING (12) ACCESSIBLE P.S. W/ (2) VANS	

PHASE III (BUILD OUT):			
REQUIRED:	CLASSROOMS / MEETINGS:	6,585.8 S.F. @ 300 S.F. / STALL =	21.9 P.S.
TOTAL PHASE III REQ'D:		275.7 EXISTING P.S. + 21.9 P.S. =	297.6 P.S.
		INCLUDING (12) ACCESSIBLE P.S. W/ (2) VANS	

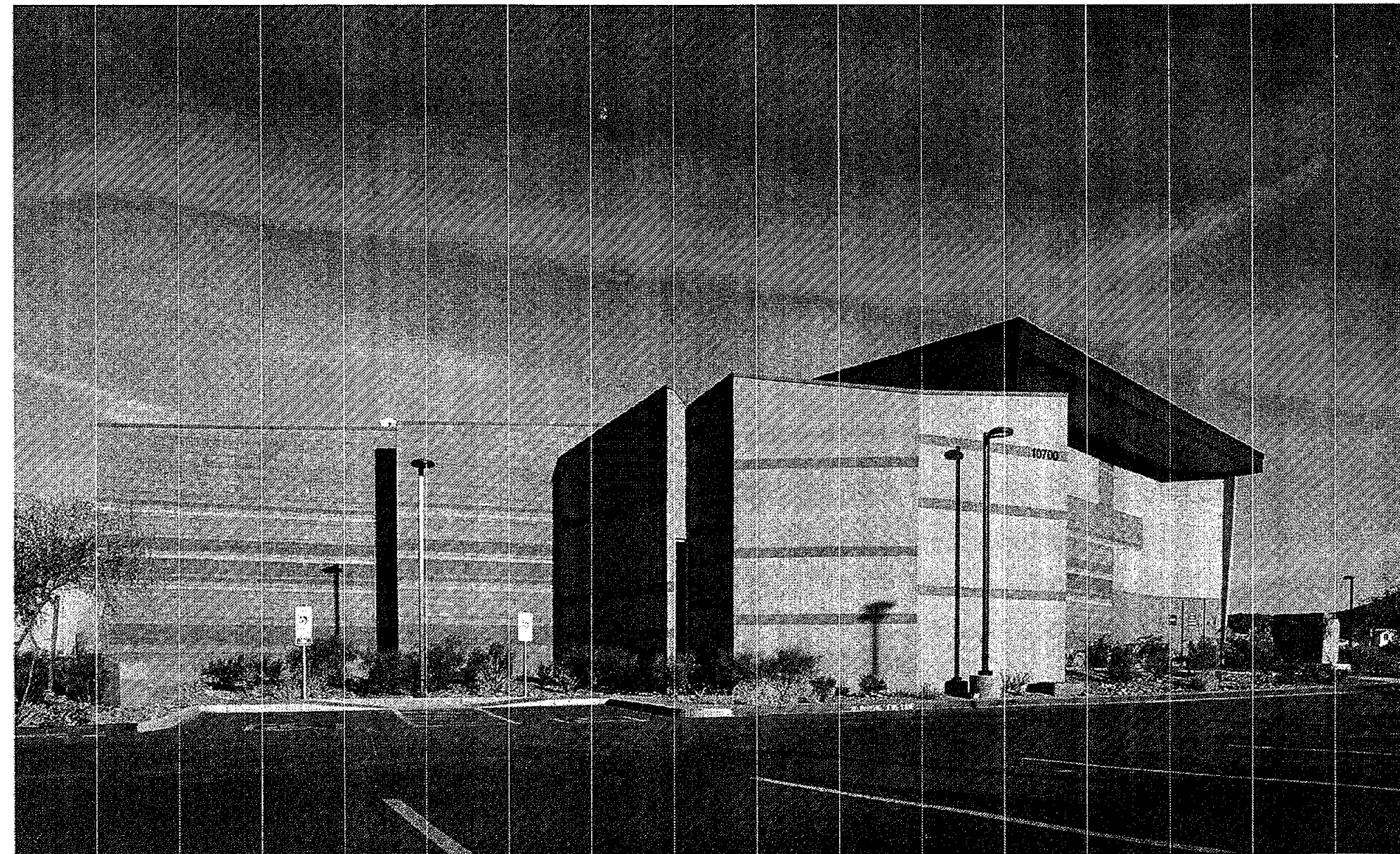
PROVIDED: 298 EXISTING P.S. TO REMAIN 298 P.S.
INCLUDING (12) ACCESSIBLE P.S. W/ (2) VANS

LOADING SPACES (REQUIRED) / PROVIDED: (2) / 2

BICYCLE PARKING (REQUIRED) / PROVIDED: (7) / 26



350-SA-2015
10/05/15



revisions

- 1 EXPOSED INTEGRALLY COLORED MASONRY
- 2 STUCCO FINISH WALL SYSTEM
- 3 WEATHER STEEL WALL PANELS
- 4 EXTERIOR FINISH OVER MECH. SCREEN PARAPET WALL BEYOND
- 5 CLEAR ANODIZED ALUMINUM STOREFRONT GLAZING SYSTEM
- 6 MECHANICAL UNIT (FULLY SCREENED) PER MECH. DRAWINGS.

PT-1	BENJAMIN MOORE "COLOR PREVIEW" "AVON GREEN" AC-126
PT-2	BENJAMIN MOORE "COLOR PREVIEW" "KENEKUNGETOR GREEN" HC-121
PT-3	BENJAMIN MOORE "COLOR PREVIEW" "PENNY" 2163-30
PT-4	BENJAMIN MOORE "COLOR PREVIEW" "NUGETT" AC-6
PT-5	BENJAMIN MOORE "COLOR PREVIEW" "DIRT SAGE" 2142-40 (LVR 33.9)
PT-6	ICI "MOJAVE" 596 (LVR 31)
PT-7	BENJAMIN MOORE "COLOR PREVIEW" "METALLIC GOLD" 2163-40
M-1	INTEGRALLY COLORED MASONRY BLOCK FIELD SUPERLITE BLOCK "TERRA BROWN" 62 110
M-2	INTEGRALLY COLORED MASONRY BLOCK ACCENT SUPERLITE BLOCK "COCOA BROWN" 62 110
M-3	INTEGRALLY COLORED MASONRY BLOCK ACCENT SUPERLITE BLOCK "AUTUMN" 62 270
M-4	INTEGRALLY COLORED MASONRY BLOCK ACCENT SUPERLITE BLOCK "MUSTARD" 62 210
MTL-1	12" LAP SIDING COR-TEN METAL PANEL
G-1	ALUM. WINDOW SYSTEM WITH CLEAR ANODIZED FRAMES AND TWIN PANELS (6' 0" X 6' 0" X 1/2") 47362-TYP

**McDOWELL
MOUNTAIN
COMMUNITY
CHURCH -
PHASE II & III**

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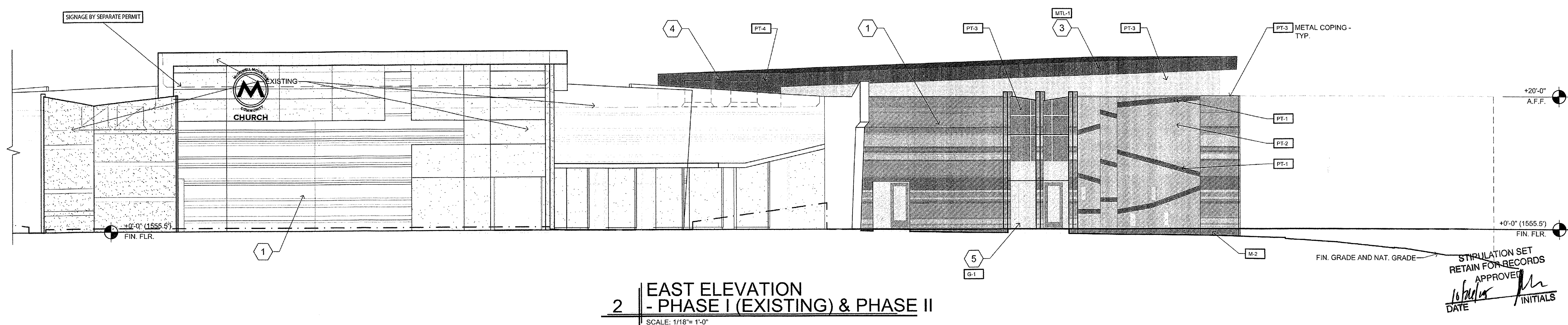
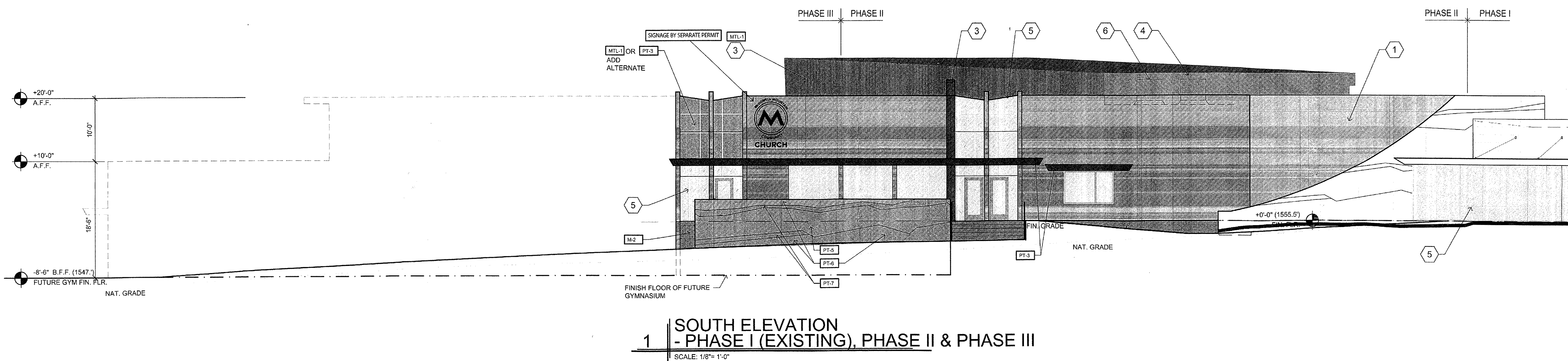
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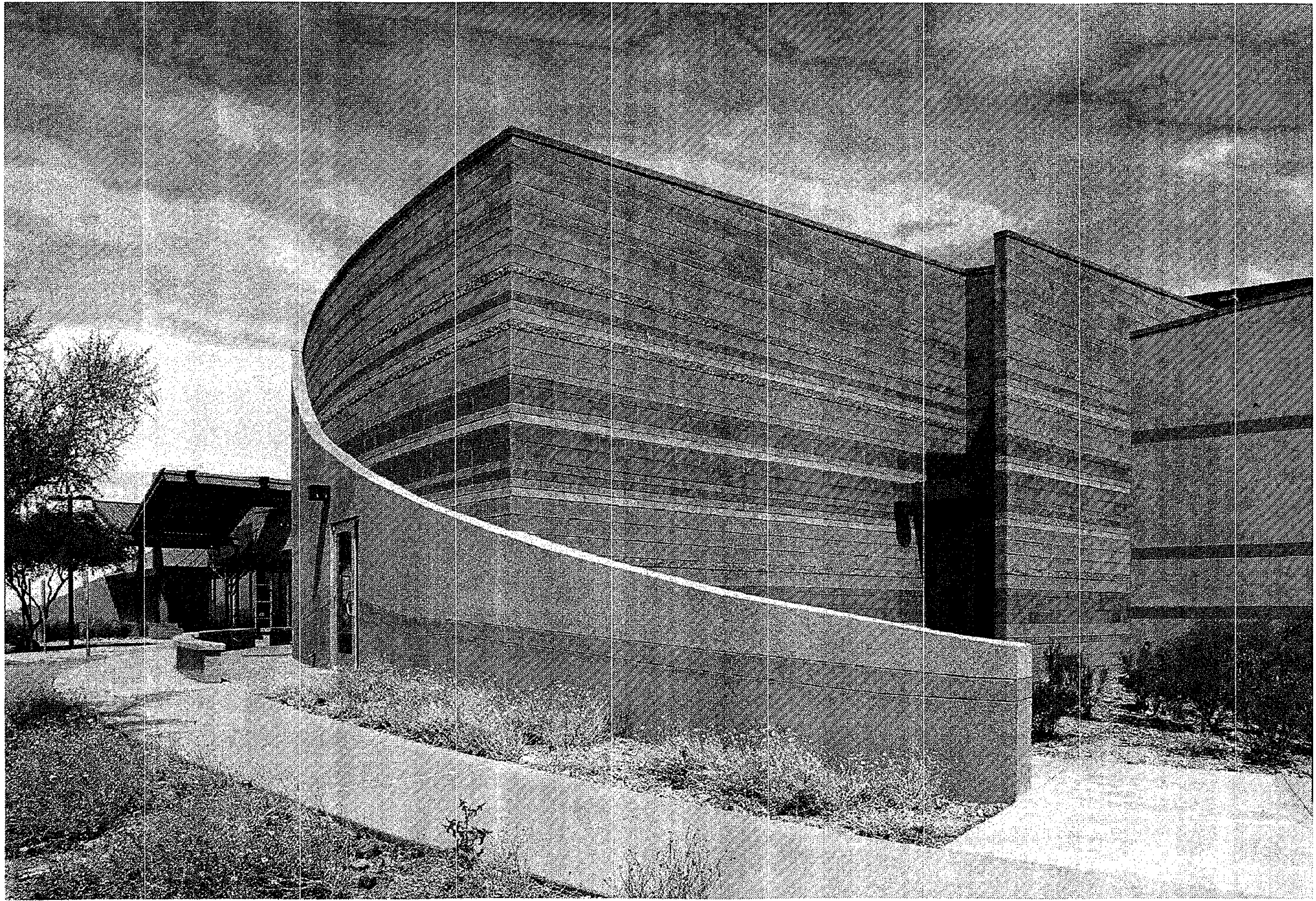
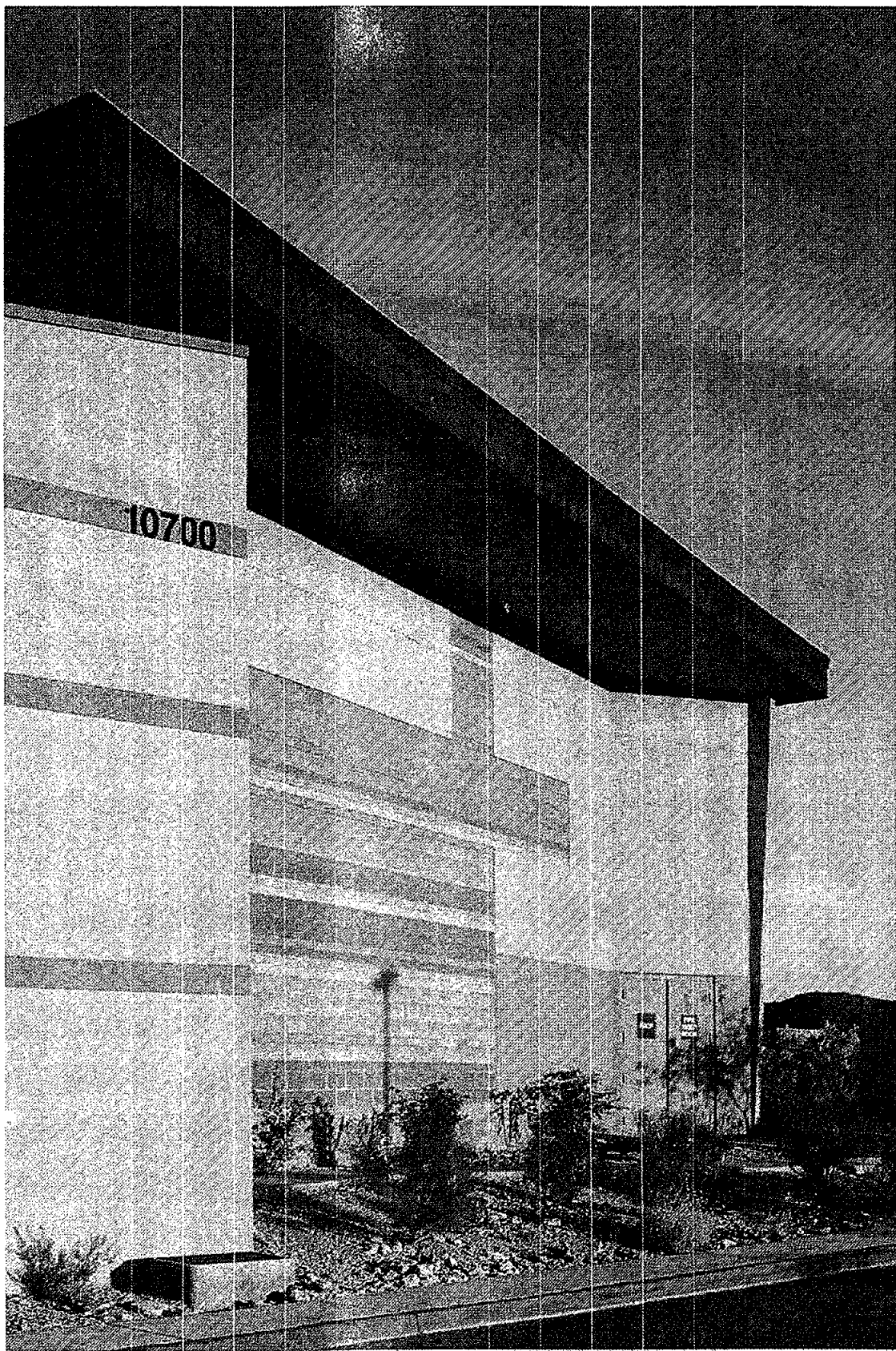
date: SEPTEMBER 14, 2015
project no: 1403

A3-2

ENLARGED ELEVATIONS

350-SA-2015
10/05/15





KEYED NOTES

- 1 EXPOSED INTEGRALLY COLORED MASONRY
- 2 STUCCO FINISH WALL SYSTEM
- 3 WEATHER STEEL WALL PANELS
- 4 EXTERIOR FINISH OVER MECH. SCREEN PARAPET WALL BEYOND
- 5 CLEAR ANODIZED ALUMINUM STOREFRONT GLAZING SYSTEM
- 6 MECHANICAL UNIT (FULLY SCREENED) PER MECH. DRAWINGS.

COLOR & MATERIALS

- | | |
|-------|--|
| PT-1 | BENJAMIN MOORE "COLOR PREVIEW" "AVON GREEN" HC-126 |
| PT-2 | BENJAMIN MOORE "COLOR PREVIEW" "KENESUNKPORT GREEN" HC-123 |
| PT-3 | BENJAMIN MOORE "COLOR PREVIEW" "PENNY" 2163-30 |
| PT-4 | BENJAMIN MOORE "COLOR PREVIEW" "NUGGET" AC-9 |
| PT-5 | BENJAMIN MOORE "COLOR PREVIEW" "DRY SAGE" 2142-40 (LRV 33.9) |
| PT-6 | ICI "MOJAVE" 596 (LRV 31) |
| PT-7 | BENJAMIN MOORE "COLOR PREVIEW" "METALLIC GOLD" 2163-40 |
| M-1 | INTEGRALLY COLORED MASONRY BLOCK FIELD
SUPERLITE BLOCK "TIERRA BROWN" 62.11.0 |
| M-2 | INTEGRALLY COLORED MASONRY BLOCK ACCENT
SUPERLITE BLOCK "COCOA BROWN" 62.13.0 |
| M-3 | INTEGRALLY COLORED MASONRY BLOCK ACCENT
SUPERLITE BLOCK "AUTUMN" 62.27.0 |
| M-4 | INTEGRALLY COLORED MASONRY BLOCK ACCENT
SUPERLITE BLOCK "MUSTARD" 62.21.0 |
| MTL-1 | 12" LAP SIDING COR-TEN METAL PANEL |
| G-1 | ALUM. WINDOW SYSTEM WITH CLEAR ANODIZED
FRAMES AND DUAL PANE BLUE TINTED LOW-E GLAZING TYP. |

revisions

McDOWELL MOUNTAIN COMMUNITY CHURCH - PHASE II & III

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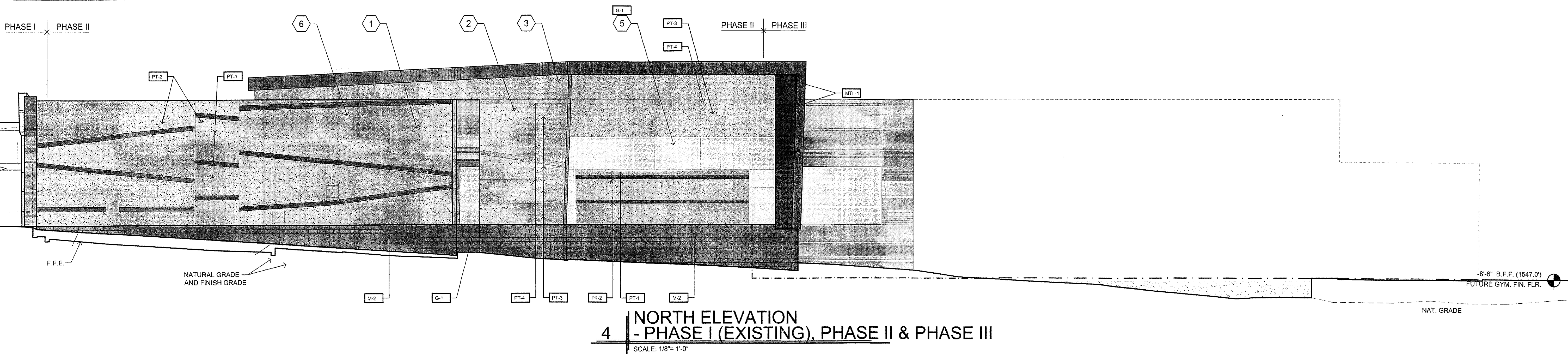
date: SEPTEMBER 14, 2015
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STIPULATION SET
RETAIN FOR RECORDS
APPROVED
DATE
INITIALS

A3-3

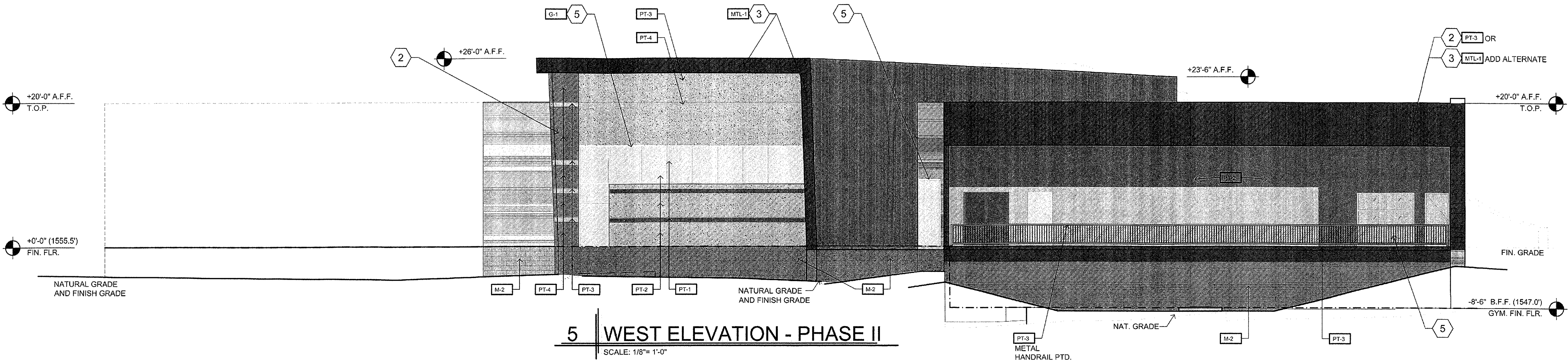
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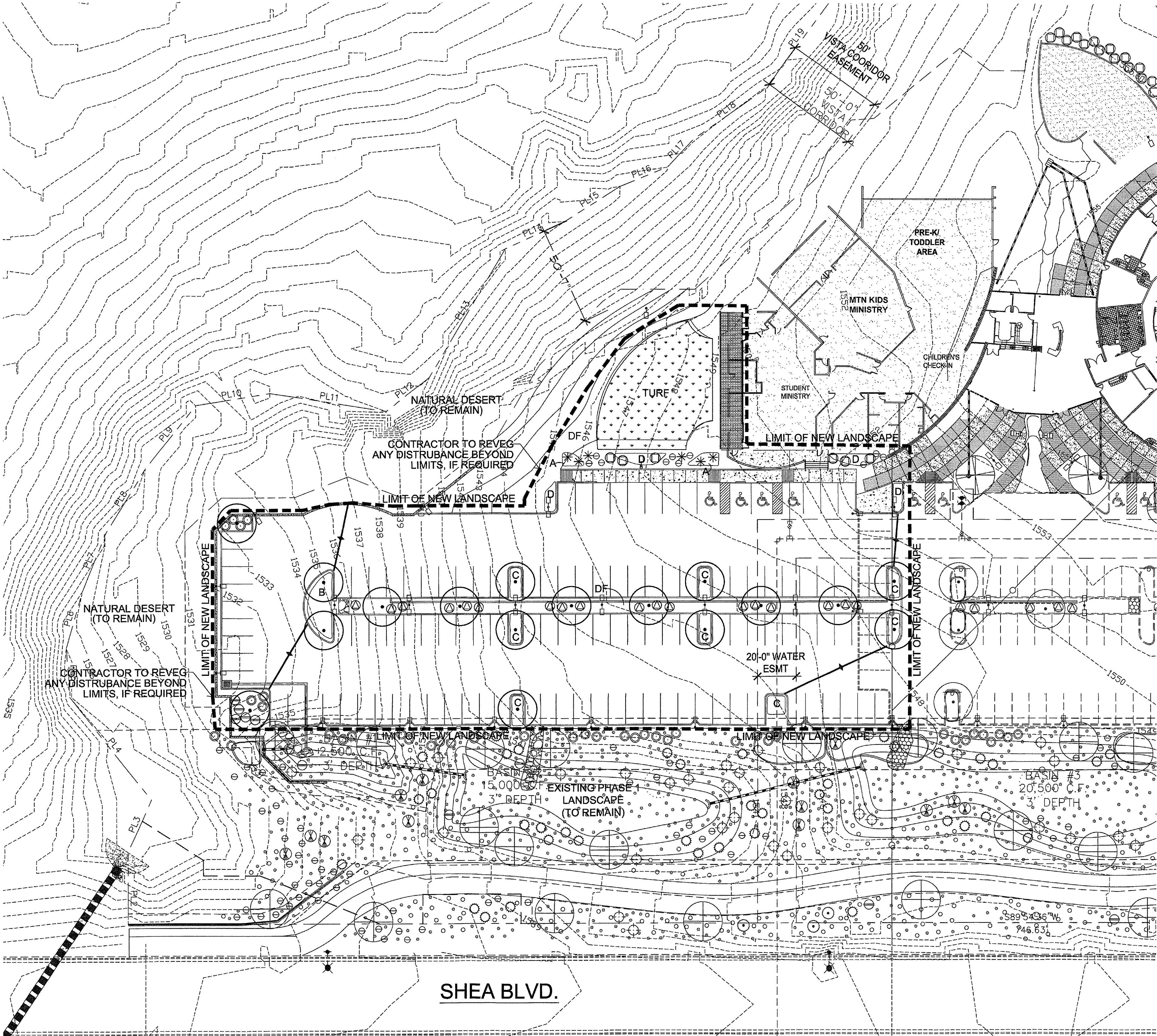
4 NORTH ELEVATION
- PHASE I (EXISTING), PHASE II & PHASE III

SCALE: 1/8" = 1'-0"

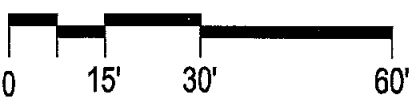


5 WEST ELEVATION - PHASE II

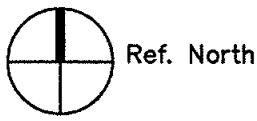
SCALE: 1/8" = 1'-0"



CONCEPTUAL PLANTING PLAN



SCALE: 1"=30'-0"



ALL LANDSCAPE AREAS & MATERIALS, INCLUDING THOSE LOCATED IN THE ROW, SHALL BE MAINTAINED IN A HEALTHY, NEAT, CLEAN, WEED-FREE CONDITION. THIS SHALL BE THE RESPONSIBILITY OF THE OWNER.

PROPOSED PLANT PALETTE

TREES	SIZE/COMMENTS/QUANTITY
CERCIDIMUM FLORIDUM BLUE PALO VERDE	24" BOX, 1"-1.5" CAL., 17 QTY LOW BREAKING
SHRUBS	
SIMMONDSIA CHINENSIS 'VISTA' COMPACT JOJOBA	5 GAL, 7 QTY.
SIMMONDSIA CHINENSIS JOJOBA	5 GAL, 5 QTY.
JUSTICIA CALIFORNICA CHUPAROSA	5 GAL, 18 QTY.
CALLIANDRA ERIOPHYLLA FAIRY DUSTER	5 GAL, 6 QTY.
DASYLIRION WHEELERI DESERT SPOON	5 GAL, 6 QTY.
GROUNDCOVERS	
ERICAMERIA LARICIFOLIA TURPENTINE BUSH	5 GAL, 10 QTY.
BAILEYA MULTIRADIATA D. MARIGOLD	1 GAL @ 3' O.C. 18 QTY
ERICAMERIA LARICIFOLIA TURPENTINE BUSH	5 GAL @ 3' O.C. 40 QTY
JUSTICIA CALIFORNICA CHUPAROSA	5 GAL @ 4' O.C. 51 QTY
BOUTELOUA CURTIPENDULA SIDEOATS GRAMA	1 GAL @ 3' O.C. 47 QTY
TURF SOD	
DESERT FLOOR SEE NOTE	

NOTES

- ALL PLANTING AREA TO BE 'DESERT FLOOR' (DF) SALVAGED SOIL FROM SITE BEFORE CONSTRUCTION AND THEN REDISTRIBUTED, COVERAGE TO SATISFACTION OF ARCHITECT.

CITY OF SCOTTSDALE NOTES

- AREAS OF DECOMPOSED GRANITE (IF YOUR IN A ELSO AREA, DELETE THE 'DECOMPOSED GRANITE' AND PUT 'SALVAGED DESERT SURFACE SOIL') WITHOUT PLANT MATERIALS/GROUNDCOVERS SHALL NOT EXCEED DIMENSIONS OF MORE THAN 7 FEET IN ANY ONE DIRECTION, MEASURED BETWEEN PLANT CANOPIES AND/OR COVERAGE.
- A MINIMUM OF 50 PERCENTAGE (UNLESS OTHERWISE STIPULATED BY THE DEVELOPMENT REVIEW BOARD, AND/OR THE ZONING ORDINANCE REQUIREMENTS) OF THE PROVIDED TREES SHALL BE MATURE TREES, PURSUANT TO THE CITY OF SCOTTSDALE'S ZONING ORDINANCE ARTICLE X, SECTION 10.301, AS DEFINED IN THE CITY OF SCOTTSDALE'S ZONING ORDINANCE ARTICLE III, SECTION 3.100.
- A SINGLE TRUNK TREE'S CALIPER SIZE, THAT IS TO BE EQUAL TO OR LESS THAN 4-INCHES, SHALL BE DETERMINED BY UTILIZING THE SMALLEST DIAMETER OF THE TRUNK 6-INCHES ABOVE FINISHED GRADE ADJACENT TO THE TRUNK. A TREE'S CALIPER SIZE, FOR SINGLE TRUNK TREES THAT ARE TO HAVE A DIAMETER GREATER THAN 4-INCHES, SHALL BE DETERMINED BY UTILIZING THE SMALLEST DIAMETER OF THE TRUNK 12-INCHES ABOVE FINISHED GRADE ADJACENT TO THE TRUNK. A MULTIPLE TRUNK TREE'S CALIPER SIZE IS MEASURED AT 6" ABOVE THE LOCATION THAT THE TRUNK SPLITS ORIGINATES, OR 6" ABOVE FINISHED GRADE IF ALL TRUNKS ORIGINATE FROM THE SOIL.
- AREA WITHIN THE SIGHT DISTANCE TRIANGLES IS TO BE CLEAR OF LANDSCAPING, SIGNS, OR OTHER VISIBILITY OBSTRUCTIONS WITH A HEIGHT GREATER THAN 1.5 FEET. TREES WITHIN THE SIGHT TRIANGLE SHALL HAVE A SINGLE TRUNK AND A CANOPY THAT BEGINS AT 8 FEET IN HEIGHT UPON INSTALLATION. ALL HEIGHTS ARE MEASURED FROM NEAREST STREET LINE ELEVATION.
- NO TURF AREAS ARE TO BE PROVIDED.
- RETENTION/DETENTION BASINS SHALL BE CONSTRUCTED SOLELY FROM THE APPROVED CIVIL PLANS. ANY ALTERATION OF THE APPROVED DESIGN (ADDITIONAL FILL, BOULDERS, ETC.) SHALL REQUIRE ADDITIONAL FINAL PLANS STAFF REVIEW AND APPROVAL.
- ALL RIGHTS-OF-WAY ADJACENT TO THIS PROPERTY SHALL BE LANDSCAPED AND MAINTAINED BY THE PROPERTY OWNER.
- PRIOR TO THE ESTABLISHMENT OF WATER SERVICE, NON-RESIDENTIAL PROJECTS WITH AN ESTIMATED ANNUAL WATER DEMAND OF TEN (10) ACRE-FEET OR MORE SHALL SUBMIT A CONSERVATION PLAN IN CONFORMANCE WITH SECTIONS 49-245 THROUGH 49-248 OF THE CITY CODE TO THE WATER CONSERVATION OFFICE.
- TURF SHALL BE LIMITED TO THE MAXIMUM AREA SPECIFIED IN SECTIONS 49-245 THROUGH 49-248 OF THE CITY CODE AND SHALL BE SHOWN ON LANDSCAPE PLANS SUBMITTED AT THE TIME OF FINAL PLANS.
- NO LIGHTING IS APPROVED WITH THE SUBMITTAL.
- THE APPROVAL OF THESE PLANS RECOGNIZE THE CONSTRUCTION OF A LOW VOLTAGE SYSTEM AND DOES NOT AUTHORIZE ANY VIOLATION OF THE CURRENT CITY OF SCOTTSDALE ADOPTED ELECTRICAL CODE.
- THE LANDSCAPE SPECIFICATION SECTION(S) OF THESE PLANS HAVE NOT REVIEWED AND SHALL NOT BE PART OF THE CITY OF SCOTTSDALE'S APPROVAL.
- ALL SIGNS REQUIRE SEPARATE PERMITS AND APPROVALS.
- NEW LANDSCAPING, INCLUDING SALVAGED PLANT MATERIAL, AND LANDSCAPING INDICATED TO REMAIN, WHICH IS DESTROYED, DAMAGED, OR EXPIRES DURING CONSTRUCTION SHALL BE REPLACED WITH LIKE SIZE, KIND, AND QUANTITY PRIOR TO THE ISSUANCE OF THE CERTIFICATE OF OCCUPANCY / LETTER OF ACCEPTANCE TO THE SATISFACTION OF THE INSPECTION SERVICES STAFF.
- ALL REVEGETATED NAOS SHALL BE WATERED FOR 3 YEARS. AT THE END OF 3 YEARS, THE IRRIGATION SYSTEMS TO THE REVEGETATED NAOS SHALL BE PERMANENTLY DISCONNECTED.
- NO IRRIGATION SHALL BE PROVIDED TO UNDISTURBED NATURAL AREA OPEN SPACE (NAOS) AREAS.
- PROVIDE THE NATURAL AREA OPEN SPACE (NAOS) AND LIMITS OF CONSTRUCTION (LOC) PROTECTION PROGRAM ON THE PLANS:

NATURAL AREA OPEN SPACE (NAOS) AND LIMITS OF CONSTRUCTION (LOC) PROTECTION PROGRAM:

- NO BUILDING, GRADING, OR CONSTRUCTION ACTIVITY SHALL ENCRATCH INTO AREAS DESIGNATED AS NAOS, OR OUTSIDE THE DESIGNATED LIMITS OF CONSTRUCTION ENVELOPE.
- ALL NAOS AND AREA OUTSIDE OF THE LOC SHALL BE PROTECTED FROM DAMAGE PRIOR TO, AND DURING CONSTRUCTION BY THE FOLLOWING METHODS:
 - A REGISTERED LAND SURVEYOR SHALL STAKE ALL NAOS AND LOC DISTURBANCE BASED ON THIS EXHIBIT.
 - + THREE (3) FOOT TALL STEEL REBAR, OR CITY OF SCOTTSDALE INSPECTION SERVICES APPROVED SIMILAR, SHALL BE SET ALONG THE NAOS AND LOC, AND CONNECTED WITH GOLD ROPING BY THE CONTRACTOR PRIOR TO ANY CLEARING OR GRADING.
 - ALL CACTUS SUBJECT TO THE CITY OF SCOTTSDALE'S NATIVE PLANT ORDINANCE DIRECTLY ADJACENT, WITHIN TWO FEET, OF THE NAOS AND LOC LINE SHALL BE FENCED WITH WIRE FENCING TO PREVENT DAMAGE.
 - THE CONTRACTOR SHALL MAINTAIN THE STAKING, ROPING, AND FENCING INTACT DURING THE DURATION OF THE CONSTRUCTION ACTIVITY.
- THE CONTRACTOR SHALL REMOVE STAKING, ROPING, AND FENCING AFTER RECEIPT OF THE LETTER OF ACCEPTANCE/CERTIFICATE OF OCCUPANCY FROM THE CITY OF SCOTTSDALE FOR ALL CONSTRUCTION WORK.

LANDSCAPE PLAN APPROVED CITY OF SCOTTSDALE

CASE NUMBER _____ APPROVED BY _____ DATE _____

CONSTRUCTION AND INSTALLATION SHALL BE IN ACCORDANCE WITH THIS PLAN AND ANY AND ALL DEVIATION WILL REQUIRE RE-APPROVAL. LANDSCAPE INSTALLATION TO BE APPROVED BY CITY OF SCOTTSDALE INSPECTION SERVICES BEFORE CERTIFICATE OF OCCUPANCY IS ISSUED.



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revisions

McDOWELL MOUNTAIN COMMUNITY CHURCH - PHASE II & III

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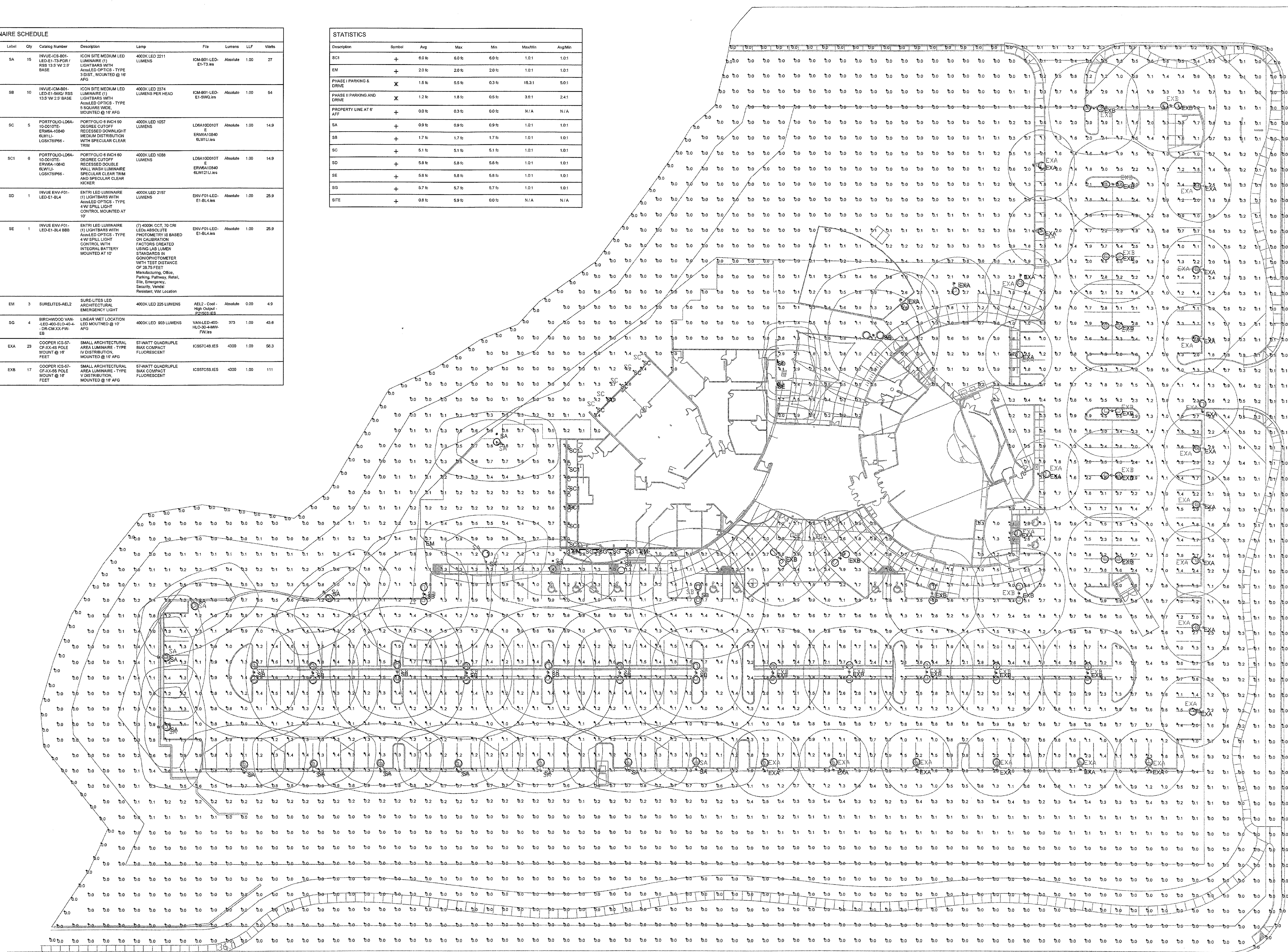
project no:

STIPULATION SET
RETAIN FOR RECORDS
APPROVED
DATE 10/2/2015
INITIALS

L-1

LUMINAIRE SCHEDULE									
Symbol	Label	Qty	Category Number	Description	Lamp	File	Lumens	LLF	Watts
○	SA	15	INVUE-IC9-B01-LED-E1-T3-POR / R5 13.5 W 2.9 BASE	ICON SITE MEDIUM LED LUMINAIRE (1) LIGHTS WITH AQUELED OPTICS - TYPE 3 DIST. MOUNTED @ 16' AFG	4000K LED 2211 LUMENS	ICM-B01-LED-E1-T3.sx	Absolute	1.00	27
○	SB	10	INVUE-ICM-B01-LED-E1-SWQ / R5 13.5 W 2.9 BASE	ICON SITE MEDIUM LED LUMINAIRE (1) LIGHTS WITH AQUELED OPTICS - TYPE 5 SQUARE WIDE MOUNTED @ 16' AFG	4000K LED 2274 LUMENS PER HEAD	ICM-B01-LED-E1-SWQ.sx	Absolute	1.00	54
○	SC	5	PORTFOLIO-L06A-10-0010TE-ERWAL-0840 6LM1L1 LOGKTP96 -	PORTFOLIO 6 INCH 60 DEGREE CUTOFF RECESSED DOWNLIGHT MEDIUM DISTRIBUTION WITH SPECULAR CLEAR TRIM	4000K LED 1057 LUMENS	L06A100010T-E-ERWAL0840 6LM1L1.sx	Absolute	1.00	14.9
○	SC1	6	PORTFOLIO-L06A-10-0010TE-ERWAL-0840 6LM1L1 LOGKTP96 -	PORTFOLIO 6 INCH 60 DEGREE CUTOFF RECESSED DOUBLE WALL WASH LUMINAIRE SPECULAR CLEAR TRIM AND SPECULAR CLEAR NOTCH	4000K LED 1088 LUMENS	L06A100010T-E-ERWAL0840 6LM1L1.sx	Absolute	1.00	14.9
—	SD	1	INVUE-ENV-F01-LED-E1-BL4	ENTRI LED LUMINAIRE (1) LIGHTBARS WITH AQUELED OPTICS - TYPE 4 W SPILL LIGHT CONTROL MOUNTED AT 10'	4000K LED 2157 LUMENS	ENV-F01-LED-E1-BL4.sx	Absolute	1.00	25.9
—	SE	1	INVUE-ENV-F01-LED-E1-BL4-BBB	ENTRI LED LUMINAIRE (1) LIGHTBARS WITH AQUELED OPTICS - TYPE 4 W SPILL LIGHT CONTROL WITH INTEGRAL BATTERY MOUNTED AT 10'	(1) 4000K CCT, 20 CRI LED ABSOLUTE PHOTOMETRY IS BASED ON CALIBRATION FACTORS CREATED USING LAB LUMEN STANDARDS IN GONOPHOTOMETER WITH TEST DISTANCE OF 28.75 FEET Manufacturing Office, Parking, Pathway, Retail, Site, Emergency, Security, Vendor, Resistant, Wet Location	ENV-F01-LED-E1-BL4.sx	Absolute	1.00	25.9
—	EM	3	SURELITES-AEL2	SURELITES LED ARCHITECTURAL EMERGENCY LIGHT	4000K LED 225 LUMENS	AEL2 - Cool - High Output - F21003-IES	Absolute	0.00	4.9
—	SG	4	BIRCHWOOD VAN-LED-40-50-040-4-OR-CM-XX-FW-EB	LINEAR WET LOCATION LIGHT MOUNTED @ 10' AFG	4000K LED 803 LUMENS	VAN-LED-405-HLO-30-4MMV-FW.sx	373	1.00	43.6
○	EXA	23	COOPER IC5-67-CF-XAS POLE MOUNT @ 16' FEET	SMALL ARCHITECTURAL AREA LUMINAIRE - TYPE 4 W DISTRIBUTION MOUNTED @ 16' AFG	57-WATT QUADRUPLA BIA COMPACT FLUORESCENT	IC557C4S-IES	4300	1.00	56.3
○	EXB	17	COOPER IC5-67-CF-XAS POLE MOUNT @ 16' FEET	SMALL ARCHITECTURAL AREA LUMINAIRE - TYPE 4 W DISTRIBUTION MOUNTED @ 16' AFG	57-WATT QUADRUPLA BIA COMPACT FLUORESCENT	IC557C5S-IES	4300	1.00	111

STATISTICS						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
SC1	+	6.0 fc	6.0 fc	6.0 fc	1.0:1	1.0:1
EM	+	2.0 fc	2.0 fc	2.0 fc	1.0:1	1.0:1
PHASE I PARKING & DRIVE	X	1.5 fc	5.5 fc	0.3 fc	16.3:1	5.0:1
PHASE II PARKING AND DRIVE	X	1.2 fc	1.6 fc	0.5 fc	3.6:1	2.4:1
PROPERTY LINE AT 6' AFT	+	0.0 fc	0.3 fc	0.0 fc	N/A	N/A
SA	+	0.9 fc	0.9 fc	0.9 fc	1.0:1	1.0:1
SB	+	1.7 fc	1.7 fc	1.7 fc	1.0:1	1.0:1
SC	+	5.1 fc	5.1 fc	5.1 fc	1.0:1	1.0:1
SD	+	5.8 fc	5.8 fc	5.8 fc	1.0:1	1.0:1
SE	+	5.8 fc	5.8 fc	5.8 fc	1.0:1	1.0:1
SG	+	5.7 fc	5.7 fc	5.7 fc	1.0:1	1.0:1
SITE	+	6.8 fc	5.9 fc	0.0 fc	N/A	N/A



1 PHOTOMETRIC INITIAL SITE PLAN
SCALE: 1" = 30'

revisions

**McDOWELL
MOUNTAIN
COMMUNITY
CHURCH -
PHASE II & III**

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date: July 24, 2014
project no: 1403

STIPULATION SET
RETAIN FOR RECORDS
APPROVED
DATE 7/24/14 INITIALS

PH1-0
PHOTOMETRIC
INITIAL SITE PLAN

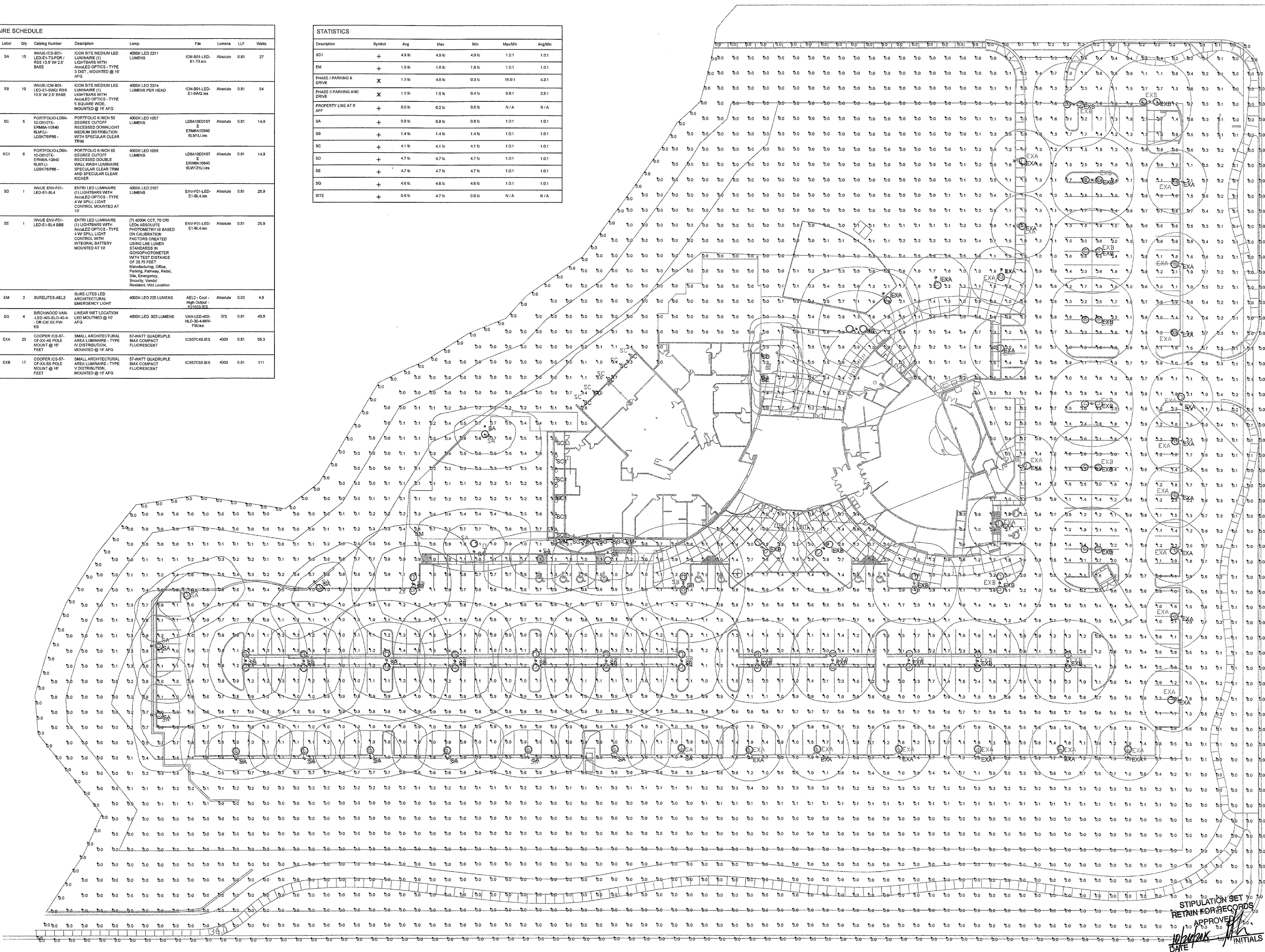
DRB SUBMITTAL 7/19/14

CASE #: 506-PA-2014, 44-DR-2004 (PREVIOUS)

350-SA-2015
10/05/15

LUMINAIRE SCHEDULE									
Symbol	Label	Qty	Catalog Number	Description	Lamp	File	Lumens	LF	Watts
○	SA	15	INVUE-ICS-B01-LED-E1-13-PDR-3.0DOT, MOUNTED @ 16' AFG	ICON SITE MEDIUM LED LUMINAIRE (1) LIGHTBARS WITH AGULOS OPTICS - TYPE 3.0DOT, MOUNTED @ 16' AFG	4000K LED 2211 LUMENS	ICON-B01-LED-E1-13.iss	Absolute	0.81	27
○	SB	10	INVUE-ICM-B01-LED-E1-2WDG-RSS-13.5 W 2.5' BASE	ICON SITE MEDIUM LED LUMINAIRE (1) LIGHTBARS WITH AGULOS OPTICS - TYPE 6 SQUARE WIDE, MOUNTED @ 16' AFG	4000K LED 2374 LUMENS PER HEAD	ICM-B01-LED-E1-2WDG.iss	Absolute	0.81	54
○	SC	5	PORTFOLIO-LDA-10-00107E-ERWMA-10840-6LM1L1-LOGSKTSF86-	PORTFOLIO 6 INCH 50 DEGREE CUTOFF RECESSED DOWNLIGHT MEDIUM DISTRIBUTION WITH SPECULAR CLEAR TRIM	4000K LED 1057 LUMENS	LDA1000107E-ERWMA10840-6LM1L1.iss	Absolute	0.81	14.9
○	SC1	6	PORTFOLIO-LDA-10-00107E-ERWMA-10840-6LM1L1-LOGSKTSF86-	PORTFOLIO 6 INCH 60 DEGREE CUTOFF RECESSED DOUBLE WALL WASH LUMINAIRE SPECULAR CLEAR TRIM AND SPECULAR CLEAR KICKER	4000K LED 1088 LUMENS	LDA1000107E-ERWMA10840-6LM121L1.iss	Absolute	0.81	14.9
—	SD	1	INVUE-ENVF01-LED-E1-BL4	ENTRI LED LUMINAIRE (1) LIGHTBARS WITH AGULOS OPTICS - TYPE 4 W SPILL LIGHT CONTROL MOUNTED AT 10'	4000K LED 2157 LUMENS	ENVF01-LED-E1-BL4.iss	Absolute	0.81	25.9
—	SE	1	INVUE-ENVF01-LED-E1-BL4-BBB	ENTRI LED LUMINAIRE (1) LIGHTBARS WITH AGULOS OPTICS - TYPE 4 W SPILL LIGHT CONTROL WITH INTEGRAL BATTERY MOUNTED AT 10'	(7) 4000K CCT, 70 CRI LEDS-ABSOLUTE PHOTOMETRY IS BASED ON CALIBRATION FACTORS CREATED USING LAB LUMEN STANDARDS IN GONOPHOTOMETER WITH TEST DISTANCE OF 28.75 FEET Manufacturing Office, Parking, Pathway, Retail, Site, Emergency, Security, Vendor, Resident, VMT Location	ENVF01-LED-E1-BL4.iss	Absolute	0.81	25.9
—	EM	3	SURELITES-AEL2	SURELITES LED ARCHITECTURAL EMERGENCY LIGHT	4000K LED 225 LUMENS	AEL2-Cool-High Output-PH503.iss	Absolute	0.00	4.9
—	SG	4	BIRCHWOOD VAN-LED-H035-C40-4-GR-CL-XX-FW-EB	LINEAR VET LOCATION LED MOUNTED @ 10' AFG	4000K LED 903 LUMENS	VAN-LED-400-HL0-30-4MM-FW.iss		373	0.81 43.6
○	EKA	23	COOPER ICS-57-CF-XX-45 POLE MOUNT @ 16' FEET	SMALL ARCHITECTURAL AREA LUMINAIRE - TYPE IV DISTRIBUTION MOUNTED @ 16' AFG	57-WATT QUADRUPLA BIAx COMPACT FLUORESCENT	ICS57C45.iss	4300	0.81	55.3
○	EXB	17	COOPER ICS-57-CF-XX-55 POLE MOUNT @ 16' FEET	SMALL ARCHITECTURAL AREA LUMINAIRE - TYPE V DISTRIBUTION MOUNTED @ 16' AFG	57-WATT QUADRUPLA BIAx COMPACT FLUORESCENT	ICS57C55.iss	4300	0.81	111

STATISTICS						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
SC1	+	4.9 fc	4.9 fc	4.9 fc	1.0:1	1.0:1
EM	+	1.6 fc	1.6 fc	1.6 fc	1.0:1	1.0:1
PHASE I PARKING & DRIVE	X	1.3 fc	4.5 fc	0.3 fc	15.0:1	4.3:1
PHASE I PARKING AND DRIVE	X	1.0 fc	1.5 fc	0.4 fc	3.8:1	2.5:1
PROPERTY LINE AT 6' AFF	+	0.0 fc	0.2 fc	0.0 fc	N/A	N/A
SA	+	0.8 fc	0.8 fc	0.8 fc	1.0:1	1.0:1
SB	+	1.4 fc	1.4 fc	1.4 fc	1.0:1	1.0:1
SC	+	4.1 fc	4.1 fc	4.1 fc	1.0:1	1.0:1
SD	+	4.7 fc	4.7 fc	4.7 fc	1.0:1	1.0:1
SE	+	4.7 fc	4.7 fc	4.7 fc	1.0:1	1.0:1
SG	+	4.6 fc	4.6 fc	4.6 fc	1.0:1	1.0:1
SITE	+	0.6 fc	4.7 fc	0.0 fc	N/A	N/A



revisions

McDOWELL
MOUNTAIN
COMMUNITY
CHURCH -
PHASE II & III

10700 N. 124 TH. STREET
SCOTTSDALE, AZ

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architects

practicing design community

3702 East Kachina Drive
Phoenix
Arizona 85044
T 480 233 7777
F 480 460 2263
date: July 24, 2014
project no: 1403

STIPULATION SET
RETAIN FOR RECORDS
APPROVED
DATE
INITIALS

PH2-0
PHOTOMETRIC
MAINT. SITE PLAN

FIXTURE TYPE - 'SA' & 'SB'

INVUE[®]

Catalog # _____	Type _____
Project _____	Date _____
Comments _____	
Prepared by _____	

DESCRIPTION

The technology combined with ICEN's unique form creates the choice solution for modern site lighting applications. ICENV's gentle curves and sleek profile create a shape that is beyond common. Two (2) inline units are combining with structural steel mounting options provide no limitations in tilting to the architectural application.

SPECIFICATION FEATURES

Construction

ICENVING: Heavy wall, one-piece, die cast aluminum housing has precise placement control and repeatability in manufacturing. Internal aluminum heat sink provides superior heat transfer in -40°C ambient conditions. DOOR: One piece, die-cast aluminum construction with heavy-duty latching. Door swings down and is retained on top dead leaf/hinge pins. GASKET: Extruded gasket provided to seal housing to door. HARDWARE: Tool free release button latchers are stainless steel/aluminum construction; allows for internal housing and electrical components.

Optics

DISTRIBUTION: Choice of twelve (12) centered, high efficiency ACOUSTIC OPTICS™ features include that maximize light collection and directional radiation into the application range. Each optical lens is precision manufactured via injection-molding, then precisely arranged and sealed to the board matrix. LEDS: High output LEDs, 50,000+ hours life at >70% lumen maintenance, approved standard to 4000 IK-VI / 275K CCT and nominal 70 CRI.

DIMENSIONS

Top View:
Overall width: 24 1/4"

Side View:
Height dimensions from bottom edge:
• 20 1/4" [520mm]
• 7 1/2" [190mm] (Mounting bracket)
• 8 1/2" [215mm] (Unit body)
• 3 5/8" [92mm]

Front View:
Depth dimension: 3 1/2" [90mm]

Electrical

DOOR: LED drivers are opted and thermally managed for optimal performance and prolonged life. Standards drives feature electronic universal voltage (120V-277VAC), 60W+, 0-5 power factor, %20 harmonic distortion and feature ambient temperature range of +40°C (104°F) down to minimum starting temperature of -30°C (-22°F). Shipped standard with Cooper Lighting surge protect circuit breaker. TYPICAL CURRENT DRAW: 10W of transient line surge. All LED LightBar™'s and drivers are mounted to dedicated mounting trays and are easily replaced by use of quick disconnects for ease of wiring. Options to control light levels, color consumption and express capabilities (separate driver) are available. Optional integral occupancy sensor is available.

Mounting

LUPNEST ARM: Manufactured of heavy weight cast aluminum. Integral bolt guides provide positioning arms to housing and pole. LINEAR ARM: Manufacture of heavy wall extruded aluminum. Arm features internal bolt guides for positioning arm to housing and angle. STRUCTURAL MOUNT: Die cast aluminum clad, factory mounted and finished in luminaire finish. Mounting brackets extend 12" rod measures 12" in diameter and provided in luminaire finish or optional natural metal. Product

function in conjunction with linear arm. INVIEW poles provided pre-drilled for suspension mount applications. See INVIEW pole brochure for complete selection of matching poles. STRUCTURAL WALL MOUNT: Die cast aluminum clad. Factory mounted to luminaires and finished in luminaire color. Stainless steel rods measure 12" in diameter and is provided in luminaire finish or optional natural metal. Wall bracket works in conjunction with linear arm. Mounting arms ordered separately.

Finish

Housing is finished in 5 stage Super YGIC polyester powder coat paint, 2.0 mil nominal thickness for superior protection against fade and wear. LIGHTBAR™ cover plates are standard white and custom colors available. Matched to each finish of luminaire housing. Standard colors include black, cream, gray, white, dark platinum and graphite metallic finishes. Custom color matches available. Consult Outdoor Architectural Color Brochure for a complete selection.

Warnings

ICNV used features a fire-rated luminaire fixture.

ICM ICON SITE
MEDUIM LED

1 - 6 LightBARs
Solid State LED

ARCHITECTUAL LED AREA/MINI LUMINAIRE

DESIGHTLIGHTS
CONVERSION

CERTIFICATION DATA
ULADA, Listed
IEC 60598 I Class
Type II Lights
ALARA, Compliant
CE Marked
USDA Version Tested

ENERGY DATA
Biometric LED Power
IG-B Power Factor
COS Total Harmonic Distortion
THD<5% THF=3%
IP2X/PFS&B (IK06, 34°View,
ABN005)

<300 Minimum Temperature

ISO Ambient Temperature Range

EPA

Efficacy Projected Data
Site P/L
Single Line
Single Branches: 1.11

SHIPPING DATA

Approximate Weight
Net Weight (lbs.) : 0
Volume Size: 0 ft x 0

MKTUSA
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COOPER Lighting

ION ITEM SITE MEDIUM LEE

POWER AND LUMENS BY BAR COUNT

Number of LightBulbs	Power (Watts)	Output @ 120V (A)	Output @ 277V (A)	DISTRIBUTION									
				T2	T3	T4	SL2	SL3	SL4	ESD	SWD	GWD	SLB/SLT
7.45 LED LIGHTBAR													
C01	27	0.23	0.13	1.879	1.789	1.811	1.865	1.746	1.724	1.922	1.938	1.858	1.860
C02	54	0.46	0.21	3.509	3.403	3.453	3.464	3.198	3.347	3.711	3.724	3.605	3.540
C03	77	0.65	0.39	5.297	5.220	5.243	5.252	5.078	5.046	5.594	5.614	5.412	5.327
C04	101	0.86	0.57	6.989	6.902	6.954	6.932	6.708	6.660	7.345	7.356	7.116	7.047
C05	131	1.11	0.50	8.302	8.205	8.237	8.250	8.016	7.975	8.841	8.872	8.590	8.434
C06	154	1.34	0.58	9.719	9.612	9.637	9.648	9.312	9.301	10.049	10.077	9.730	9.526
31 LED LIGHTBAR													
B01	27	0.23	0.13	2.237	2.217	2.239	2.230	2.147	2.152	2.293	2.324	2.209	2.156
B02	51	0.43	0.20	4.217	4.207	4.209	4.208	4.143	4.177	4.454	4.500	4.435	4.394
B03	74	0.62	0.38	6.508	6.433	6.481	6.480	6.246	6.207	6.781	6.808	6.608	6.544
B04	95	0.81	0.35	8.589	8.490	8.534	8.525	8.244	8.192	8.931	9.174	8.842	8.623
B05	130	1.09	0.48	10.295	10.196	10.242	10.230	9.877	9.859	10.874	10.813	10.466	10.329
B06	146	1.24	0.55	12.445	12.302	12.365	12.355	11.846	11.871	13.155	13.207	12.764	12.559

LUMEN MULTIPLIER

Ambient Temperature	Lumen Multiplier
10°C	1.04
15°C	1.00
20°C	1.00
40°C	0.96

STRUCTURAL MOUNT

TYPE "C"

ARM DRILLING

TYPE "C"

MOUNTING VARIATIONS

COOPER Lighting

NOTE: Specifications and dimensions subject to change without notice.

Visit our web site at www.cooperlighting.com

Customer Service Center: 1-800-451-7243 • Fax: 1-800-451-7243 • Email: info@cooperlighting.com

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ICM ICM00 SITE MEDICAL LED

ORDERING INFORMATION

Sample Number: ICM00-LED-12-2-GM

Product Family **		Lamp Type		Finish *		Accessories **	
ICM000-000 Site Medical		LED-1200 Strip Light		Black Finish		VIA-10000-000 Mounting for Linear Mount	
Number of **		Entry Ends		Anti-rattle		VIA-10000-000 Mounting for Linear Mount	
Lightheads		Voltage		No-Flare		VIA-10000-000 Mounting for Linear Mount	
R001 121 LED LightHead		120V (20-277V)		No-Flare		VIA-10000-000 Mounting for Linear Mount	
R002 121 LED LightHead		347V		No-Flare		VIA-10000-000 Mounting for Linear Mount	
R003 121 LED LightHead		480V		No-Flare		VIA-10000-000 Mounting for Linear Mount	
R004 121 LED LightHead		600V		No-Flare		VIA-10000-000 Mounting for Linear Mount	
R005 121 LED LightHead		720V		No-Flare		VIA-10000-000 Mounting for Linear Mount	
R006 121 LED LightHead		720V		No-Flare		VIA-10000-000 Mounting for Linear Mount	
R007 121 LED LightHead		720V		No-Flare		VIA-10000-000 Mounting for Linear Mount	
R008 121 LED LightHead		720V		No-Flare		VIA-10000-000 Mounting for Linear Mount	
R009 121 LED LightHead		720V		No-Flare		VIA-10000-000 Mounting for Linear Mount	
R010 121 LED LightHead		720V		No-Flare		VIA-10000-000 Mounting for Linear Mount	
R011 121 LED LightHead		720V		No-Flare		VIA-10000-000 Mounting for Linear Mount	
R012 121 LED LightHead		720V		No-Flare		VIA-10000-000 Mounting for Linear Mount	
R013 121 LED LightHead		720V		No-Flare		VIA-10000-000 Mounting for Linear Mount	
R014 121 LED LightHead		720V		No-Flare		VIA-10000-000 Mounting for Linear Mount	
R015 121 LED LightHead		720V		No-Flare		VIA-10000-000 Mounting for Linear Mount	
R016 121 LED LightHead		720V		No-Flare		VIA-10000-000 Mounting for Linear Mount	
R017 121 LED LightHead		720V		No-Flare		VIA-10000-000 Mounting for Linear Mount	
R018 121 LED LightHead		720V		No-Flare		VIA-10000-000 Mounting for Linear Mount	
R019 121 LED LightHead		720V		No-Flare		VIA-10000-000 Mounting for Linear Mount	
R020 121 LED LightHead		720V		No-Flare		VIA-10000-000 Mounting for Linear Mount	
R021 121 LED LightHead		720V		No-Flare		VIA-10000-000 Mounting for Linear Mount	
R022 121 LED LightHead		720V		No-Flare		VIA-10000-000 Mounting for Linear Mount	
R023 121 LED LightHead		720V		No-Flare		VIA-10000-000 Mounting for Linear Mount	
R024 121 LED LightHead		720V		No-Flare		VIA-10000-000 Mounting for Linear Mount	
R025 121 LED LightHead		720V		No-Flare		VIA-10000-000 Mounting for Linear Mount	
R026 121 LED LightHead		720V		No-Flare			

FIXTURE TYPE - 'SC' & 'SC1'

PORTFOLIO™

DESCRIPTION

6 inch LED narrow beam downlight specially designed for LED technology. Two-stage reflector system produces smooth distribution with excellent light control and low aperture brightness. Lumen packages include 2000 delivered lumens with color temperatures of 2700K, 3000K, 3500K, 4000K. Suitable for commercial/construction and some high efficiency requirements (with designated watts) for T84 Energy Star qualified.

SPECIFICATION FEATURES

Lower Shielding Reflector
Self-gasketed, spun .020" thick aluminum lower reflector in combination with a lensed upper optical chamber provides superior lumen output with minimal spurge brightness. Available in all Portfolio Alutak finishes.

Liner Retention

Trip reflector is retained with two torx springs holding the flange tightly to the finished ceiling surface.

Plaster Frame / Collar

New Construction Housing Die cast aluminum 11/2" deep collar accommodates ceiling materials up to 2".

Universal Mounting Bracket

Accepts 1/2" EMTC-C channel and bar hangers and adjusts 5° vertically from above and below the ceiling.

Junction Box

All 1/2" and 1 3/4" trade size entry points positioned to allow straight run conduit. Listed for #8 WFG/Flou., four out/ three branch wiring.

Thermal
Extruded aluminum heat sink conducts heat away from the LED modules for improved performance and longer life.

LED

LED system contains a plurality of high brightness white LEDs combined with a high reflective upper reflector and convex transitional lens producing even distribution with no pollution. Rated for 50,000 hours at 70% lumen maintenance. Auto resetting, thermally protected. LEDs are turned off when safe operating temperatures are exceeded. Color variation within 3-step Macadam ellipses. Flexible disconnect allowed for tool-less replacement of LED engine from below ceiling. Available in R5 or R9 CL.

Driver

Combination 120-277V 0-10V or 120V lighting elf phase out driver. Provides dimming capability from 100% to 10%, optional. 15 x 10 V, 8 ftHr Life, DMX or Lumetri Ecosystem. Driver can be removed from above or through the aperture.

Catalog #	Type
Project	
Comments	Date:
Proposed by	

Environmental
Fixture should not be operated in ambient temperature above 40°C.

Code Compliance

Thermally protected wet locations listed for protected wet locations. IP66 rating when used with IPW gasket kit accessory. Optional City of Chicago environmental air (CEAA) marking per aluminum applications. ENERTRAC emissions per IECQ ACFR Part B Class B compliance. CEAA marking inclusion must be kept 3' from top and sides of housing. AHRA Compliant, Type A4 compliant with designated tone. RoHS Compliant. Photometric testing completed in accordance with IES LM 79 standards. LED life testing completed in accordance with LM 80 standards.

Warranty

5 year warranty.

TOP VIEW - NEW CONSTRUCTION

Note: Max Spacing 8" (203mm)

TOP VIEW - NEW CONSTRUCTION WITH HANGER

Note: Max Spacing 8" (203mm)

powered by
fifteenth
AVANCE

PORTFOLIO™

Catalog #	Type
Project	
Comments	Date:
Proposed by	

LDG6A20
6LN
2000 LUMEN LED

Narrow Beam Downlights
New Construction

Qualified and Compliant. Refer to file:
UL ETL# 1904778001 Product File and
and ENE [PDE] Approval Labels for
listing.

Approved Components	
Model Number	LDG6A20
Manufacturer's Name	FIFTEENTH AVANCE LLC
Manufacturer's Address	P.O. BOX 1020, CHICAGO, IL 60686
Manufacturer's Phone/Fax	(773) 687-1020 / (773) 687-1021
Manufacturer's Email	SALES@FIFTEENTHAVANCE.COM
Manufacturer's Website	WWW.FIFTEENTHAVANCE.COM
Manufacturer's Country	USA
Listing Agency Name	ETL LISTING SERVICES INC.
Listing Agency Address	300 N. LAKE STREET, SUITE 200, CHICAGO, IL 60610
Listing Agency Phone/Fax	(773) 687-1020 / (773) 687-1021
Listing Agency Email	LISTINGS@ETLSERVICE.COM
Listing Agency Website	WWW.ETLSERVICE.COM
Listing Agency Country	USA
Approval Date	08/20/2019
Approval Expires	08/20/2024
Approval Reference	E-1904778001

COOPER Lighting

Specifications and dimensions subject to change without notice.
Consult your representative for additional options and fixtures.

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FIXTURE TYPE - 'SD', 'SE'

DESCRIPTION

ENVI LED features a classic and stylish design with the added benefits of solid state lighting technology, offering outstanding uniformity and energy savings. Using Cooper Lighting's proprietary LED LightBar™ technology and AccuLED optical systems, ENVI LED offers designers vast versatility in system design, function and performance. Use ENVI LED for wall mount architectural lighting applications and recess lighting requirements. AUNU, listed for use in wet locations.

SPECIFICATION FEATURES

Construction: Heavy wall, one-piece, die-cast aluminum construction for precise tolerance control and repeatability in manufacturing. Integral extruded aluminum heat sink provides superior thermal heat transfer in 40°C ambient environments. Housings and heat sinks are designed to offer various options for down lighting, up lighting or a combination of both up and down. **FACELATE® DOOR:** One-piece die-cast aluminum door construction. Capative, side hinged door swings open on release of one (1) push button momentary switch on housing side panel. Door closure and seal is aluminum latch on housing side panel. Return closure and seal is positioned relative to latch which upon closing can be heard through distinct sound. **GASKET:** One-piece molded silicone gasket provides a watertight seal between the door and housing for reusable seal. The gasket will plug on housing back wall insuring electrical isolation to prevent moisture and dust entry. **ENVI:** Lightline lens is impact resistant, 50FT thick tempered fused glass sealed to housing with continuous bead silicone gasket. **Lighting:** Less is LED integrated intelligent acrylic overlays which individually sealed for IP66 rating. **HARDWARE:** Stainless mounting screws and latch hardware allow access to electrical terminals for installation and servicing.

DIMENSIONS

Optics: **DISTRIBUTION:** Primary light distribution offers a choice of six (6) patented, high efficiency AccuLED Optics™, that maximize light collection and direction distribution into the application region. Each optical lens is precision manufactured via injection-molding, then precisely angled and sealed on the board glass. **Optional acrylic LED distribution features:** a diffuse soft glow for enhancing architectural features or accentuating structural flow for ER lighting applications. **50,000 hours life at 70% lumen maintenance, offered standard in 4000K (40-279K CCT and nominal 70 CRI).**

Electrical: **DRIVER:** LED drivers are potted and heat sinked for optimal performance and protection. Standard drivers feature electronic universal voltage input (120V-277VAC), greater than 30% power factor, less than 20% harmonic distortion, and feature ambient temperature range of 44°C (111°F) down to minimum storage temperature of -30°C (-22°F). Shipped standard with Cooper Lighting proprietary circuit board designed to handle 10W of transient surge. Options to control light output, energy savings, and adjustable batteries pack and separate controls are available. All ENVI LightBar™ and drivers are mounted to a printed metal plate and are easily replaced by use of quick disconnects for ease of wiring.

CONDUIT MOUNT / BATTERY BACK BOX

Catalog No.
Project
Contract
Manufacturer

INVUE® an energy solutions company

Type

Date

MOUNTING

JUNCTION BOX: Standard with pre-drilled quickmount junction box plate that mounts directly to 4" joist. LIGHTBAR mount facing downward. Fixture sits over mounting plate and is secured with two (2) stainless steel fasteners. Mounting plate features a one-piece EPDM gasket on back side of plate to firmly seal fixture to wall surface, forbidding entry of moisture and particles. Optional mounting arrangements utilize a die-cast mounting adaptor box for floor or ceiling mounting. Mounting plate and through back wiring are ENVI approved for mounting on combustible surfaces.

Finish

Finish is limited in 5 stages. Super 1500 polyester powder coat paint, 2.5 mil nominal thickness for superior protection against face and wear. LightBar™ cover is made of standard white and may be specified to match finish of luminaires housing. Standard colors include black, bronze, grey, white, yellow, aluminum and graphite metallic. RAL and custom color matches available. Contact Outdoor Architectural Colors brochure for a complete selection.

Warranty

ENVI LED features a five-year limited warranty.

ENV ENTRI LED
ROUND REVEALS

1-2 LightBARs
Solid State LED

ARCHITECTURAL WALL

ENV ENTRI LED

DESIGNLIGHTS
CONSTRUCTION

ENV ENTRI LED

ENV ENTRI LED

ENV ENTRI LED

ENV ENTRI LED

ENV ENTRI LED

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ENV ENTRI LED

ENV ENTRI LED

COOPER Lighting
www.cooperlighting.com

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FIXTURE TYPE - 'SG'

BIRCHWOOD
lighting

www.birchwoodlighting.com

VANESSA LED

Wet Location Luminaire
Distributed Array LED

Ceiling Mount | Wall Mount | CSS

VANESSA combines high-end architectural styling with precision engineering to create a strong, elegant wet-location luminaire designed to complement wet exterior or interior installations.

Weather-sealing prevents water and moisture from entering the lens, power entry points and end-caps. Constructed of heavy gauge extruded aluminum, precision machined smooth end-caps and extruded acrylic lenses, VANESSA is built to last while withstanding elements associated with wet-location applications.

VANESSA is available as LED and single or double T5 or T8, or single TSHO linear fluorescent lamps, 2', 3', 4', 6' and 8' nominal lengths are standard, continuous runs are available.

UL and c-UL listed for wet locations.

Made in the USA

FIXTURE SPECIFICATIONS

Construction

Heavy gauge square extruded aluminum housing. Precision-machined aluminum end caps. Extruded acrylic lenses, stainless steel hardware. Concealed weather-seal gaskets at end caps, lens and power entry on all hard-pipe or continuous run fixtures with an IP65 rating. Fixer points accept 1/2" trade size threaded wet location console fittings.

Mounting Options

(CSS) Cable Suspension System field adjustable 1/4" aluminum cable. (TMM) Wall Mount or (CMI) Ceiling Mount.

Finish

(S) Silver, (WW) Matte White, or (FB) Flat Black. Other powder coat finishes available. Consult factory for details.

LED Light Engine System

LED Light Engines are available as HLO (High Lumen Output) and SLO (Standard Lumen Output) providing efficient illumination. SLO (Custom Lumen Output) allows for end user specified Lumen output or tailored wattage consumption for certain markets. Consult factory for details.

Dimming

Dimming is available with a variety of control protocols and options. Consult factory for availability and specifications.

Acrylic Lens Options

(F) Frosted White or (CF) Frosted Clear impact resistant extruded lens.

Fixture Length

Fixtures are available in 2', 3', 4', 6' and 8' nominal lengths. Continuous run mounting available including water-tight gasket when break-outs for mounting via, ceiling. See installation section for more details.

Custom and Mods

We provide specialist in manufacturing custom and modified luminaires and have the ability to modify most of our standard fixtures. Please contact factory with any inquiries.

Birchwood Lighting • 1302 East Hunter Avenue • Santa Ana, CA 92705 • 714.550.7118 fax 714.550.7151

v6916

108

FIXTURE TYPE - 'EM'

DESCRIPTION

The Sure-Lites Architectural Emergency Light is designed to provide superior illumination while blending into the surrounding space. The housing is constructed of die-cast aluminum with an integral reflective polycarbonate lens and advanced optical design, which in combination with energy-efficient, long-lasting LEDs provides maximum path of escape lighting performance. The Sure-Lites Architectural Emergency Light is wet tested for temperatures between 20°C and 40°C/4°F and 100°F. AEL-2 has an always-on mode and is available with Eagle Eye self diagnostics.

COOPER LIGHTING - SURE-LITES®

Catalog #	Type
Project	
Comments	Date
Prepared by	

SPECIFICATION FEATURES

Electrical

- Dual Voltage Input, 120/277 VAC, 60 Hz
- Line-latching
- Solid-state Voltage Limited Charger
- Low-Voltage Disconnected
- Overload/Short Circuit Protection
- Test Switch/Power Indicator Light
- Fully Recharged in 24 hours
- Self diagnostics

Housing Construction

- Die-cast Aluminum Housing
- Universal Pattern: Intricate slots on rear of housing for direct mounting to junction box
- 1/2" Threaded Circular Access on top surface
- Powder Coat Finish Paint
- UV Stable Polycarbonate Lens
- Silicone Gaskets

Battery

- Sealed Nickel Cadmium
- Maintenance free, long life
- Full Recharge Time, 24 hrs

Code Compliance

- UL94 Listed
- UL Cautions Wet Location Listed (available for wet and damp locations)
- Life Safety NFPA 161
- NEC/OSHA
- Most State and Local Codes
- City of Chicago Code
- New York City Code

Warranty

- Unit: 5-Year
- Battery: 15-year pro-rata

Lamp Data

- 10 High Power LEDs
- Two color temperatures: 3000K and 4000K

AEL 2 ARCHITECTURAL EMERGENCY LIGHT SERIES 2

DIE-CAST ALUMINUM

SURFACE MOUNT

SEALED NICKEL
CADMIUM BATTERY

LED LAMPS

EAGLE EYE
SELF DIAGNOSTICS

ALWAYS ON FEATURE

EMERGENCY LIGHTING

ORDERING INFORMATION

Part #	Color Temperature	Housing Finish	Options
AEL2 - Architectural Emergency Light 2	31 = 3100K Ave 46 = 4000K Ave	Sliver White Black Black - Bronze	• No Self Diagnostics • Light Up Self Diagnostics

COOPER LIGHTING
RELIABILITY

ENERGY DATA

Sealed Nickel Cadmium Battery
Input Current:
Rated in emergency light only:
120V = 2.0 Arms
277V = 2.3 Arms

Input Current:
Rated in dual purpose
emergency light &
always on light
mode:
120/240 Vrms
277/240 Vrms

Cooper Lighting
www.cooperlighting.com

Specifications and dimensions subject to change without notice.
Consult your representative for additional options and features.

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revisions

**McDOWELL
MOUNTAIN
COMMUNITY
CHURCH -
PHASE II & III**

*10700 N. 124 TH. STREET
SCOTTSDALE, AZ*

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**barduson
architects**

practicing design community

3702 east kachina drive

phoenix

arizona 85044

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date: July 1964

date. July

project no:

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DRB SUBMITTAL 7/19/14

CASE #: 506-PA-2014.44-PR-2004 (PREVIOUS)

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