



Final Approved Stamped Plans

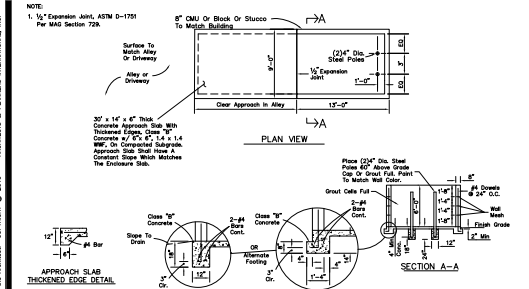
Full Size

APPROVED

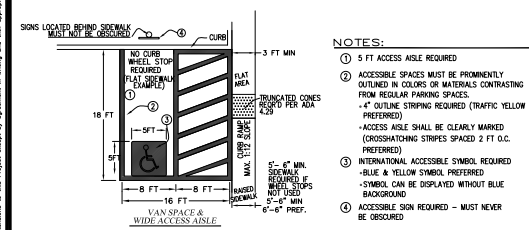
Stipulation Set

10/22/2019 bmoriarit

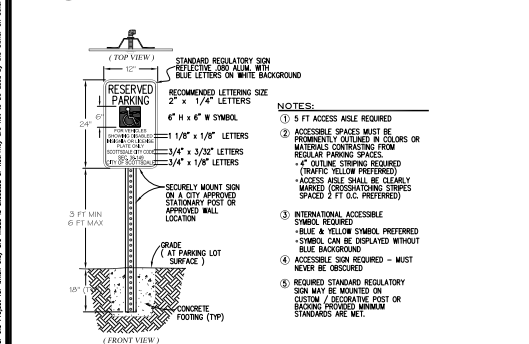
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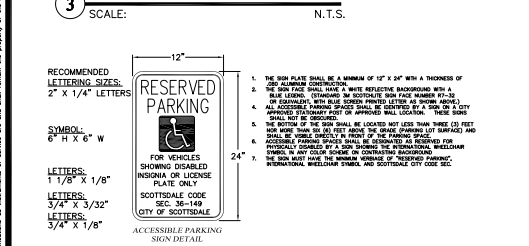
1 ROLL OUT TRASH ENCLOSURE
SCALE: N.T.S.



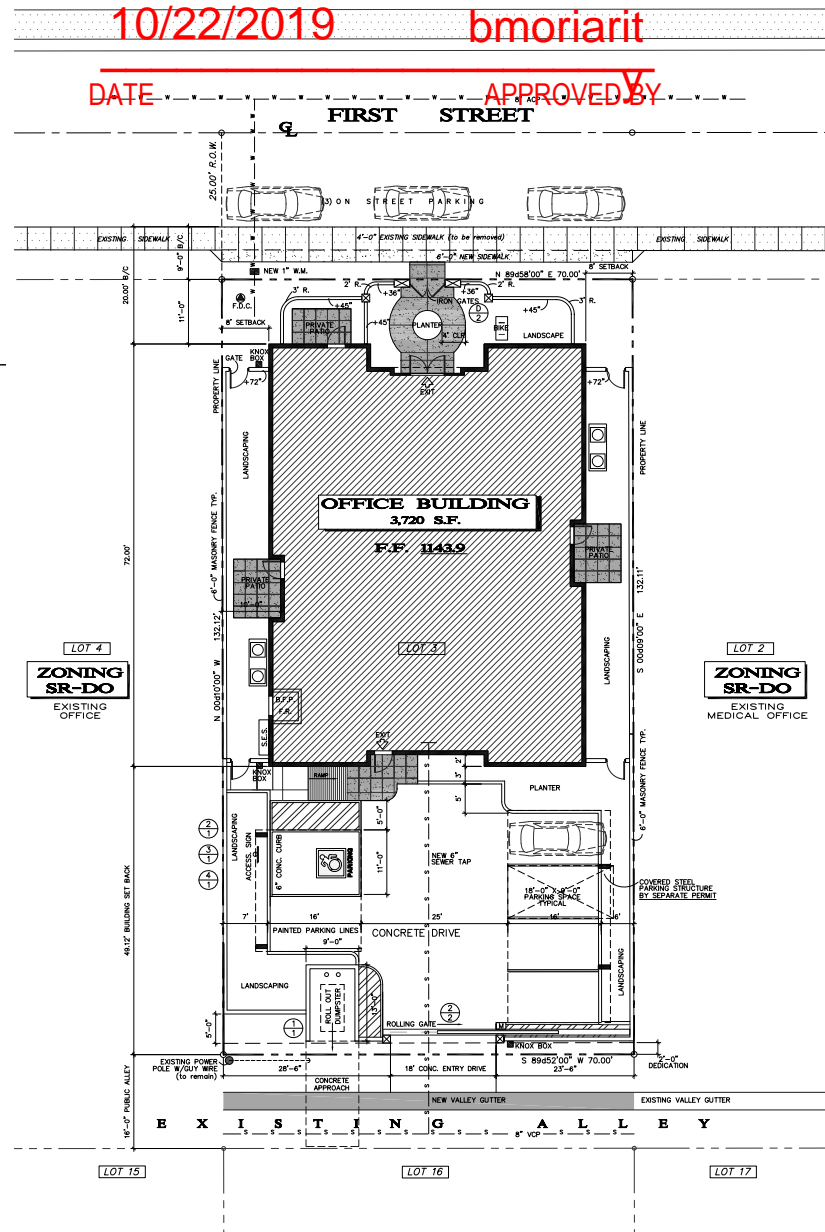
2 TYPICAL ACCESSIBLE PARKING
SCALE: N.T.S.



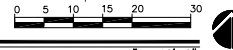
3 ACCESSIBLE SIGN
SCALE: N.T.S.



4 ACCESSIBLE SIGN
SCALE: 1" = 1'-0"



SITE PLAN:
SCALE: 1" = 10'-0"



PROJECT DATA:

OWNER: SIMONSON BUILDINGS, INC.
MR. MICHAEL & CINDY SIMONSON
3402 NORTH 36TH STREET
PHOENIX, ARIZONA 85018
(602) 955-0504

ARCHITECT: ARCHITECTS AND PLANNERS INTERNATIONAL, INC.
MR. NICK ACQUAFREDDA, R.A.
4717 E. McDOWELL ROAD SUITE 100
PHOENIX, AZ 85008
(602) 273-4202
EMAIL: nick@architectsandplanners.com

ADDRESS: 7539 EAST FIRST STREET
SCOTTSDALE, ARIZONA 85251
PARCEL NUMBER: 130-25-021

SITE: NET S.F.= 9,247 S.F. ACRES: NET= 0.212 ACRES
GROSS S.F.= 10,998 S.F. ACRES: NET= 0.252 ACRES

BUILDING CODE:
ALL CONSTRUCTION SHALL COMPLY WITH THE FOLLOWING
CODES AND AMENDMENTS PER THEIR ADOPTED ORDINANCES:
2015 INTERNATIONAL BUILDING CODE (ORD 4284)
W.I.C.C./ANSI-119.1 (2010)
2015 INTERNATIONAL MECHANICAL CODE (ORD 4284)
2015 INTERNATIONAL PLUMBING CODE (ORD 4284)
2014 NATIONAL ELECTRICAL CODE (ORD 4284)
2015 INTERNATIONAL FIRE CODE (ORD 4283)

LEGAL DESCRIPTION: Lot 3, Block 2, REDDELL MANOR,
according to the plat of record in the
office of the County Recorder of Maricopa County,
Arizona, in Book 49 of Maps, page 27.

PROPOSED USE: PROFESSIONAL OFFICES

ZONING: SR-DO SERVICE RESIDENTIAL, DOWNTOWN OVERLAY

OCCUPANCY: B (OFFICES)

CONSTRUCTION TYPE: V-B (FULLY SPRINKLED).
PER NFPA-13 STANDARDS
FIRE PROTECTION DRAWING BY SEPARATE PERMIT

BUILDING AREA GROSS: TOTAL BUILDING AREA : 3,720 SQ. FT.

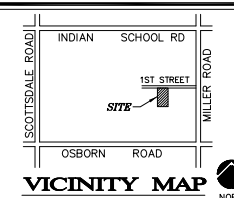
PARKING: TYPICAL PARKING STALL = 9'X18'
CITY OF SCOTTSDALE DOWNTOWN OVERLAY PARKING EXEMPTION
2,000 SQ. FT.
+ 1,812 SQ. FT. (EXISTING BUILDING)
3,812 SQ. FT. (TOTAL EXEMPTION)
TOTAL PARKING REQUIRED: 0 SPACES
TOTAL PARKING PROVIDED: 9.0 SPACES

SCOPE OF WORK

PROJECT SCOPE INCLUDES: SITE DEVELOPMENT FOR NEW
OFFICES, CONCRETE PAVEMENT FOR PARKING, DECORATIVE
MASONRY PROPERTY FENCES, ATTRACTIVE LANDSCAPING AND
PRIVATE ENTRY COURT.

NEW SINGLE STORY 3,720 SQ. FT. MASONRY BUILDING, WOOD
FRAME INTERIOR PARTITIONS, CURVED WOOD ROOF TRUSSES
WITH STANDING SEAM METAL ROOFING, MECHANICAL, PLUMBING
AND ELECTRICAL.

VICINITY MAP:



REVISIONS



PROFESSIONAL OFFICES
- FOR -
SIMONSON BUILDINGS, INC.
7539 East First St.
Scottsdale, Az.

architects & planners
international, inc.

drawn by: JER
date: 9/25/19
job no.: 1903

1
sheet of

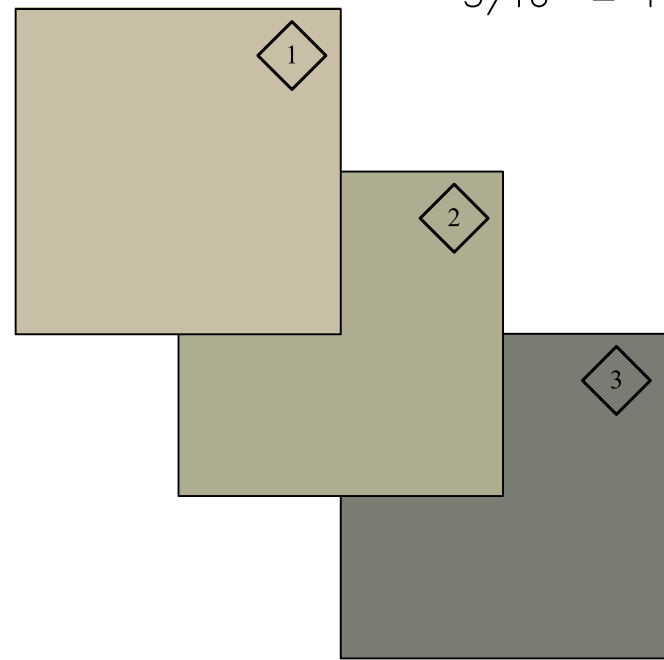
CASE NO.: 174-PA-2019 PLAN CHECK NO.:

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EAST ELEVATION:

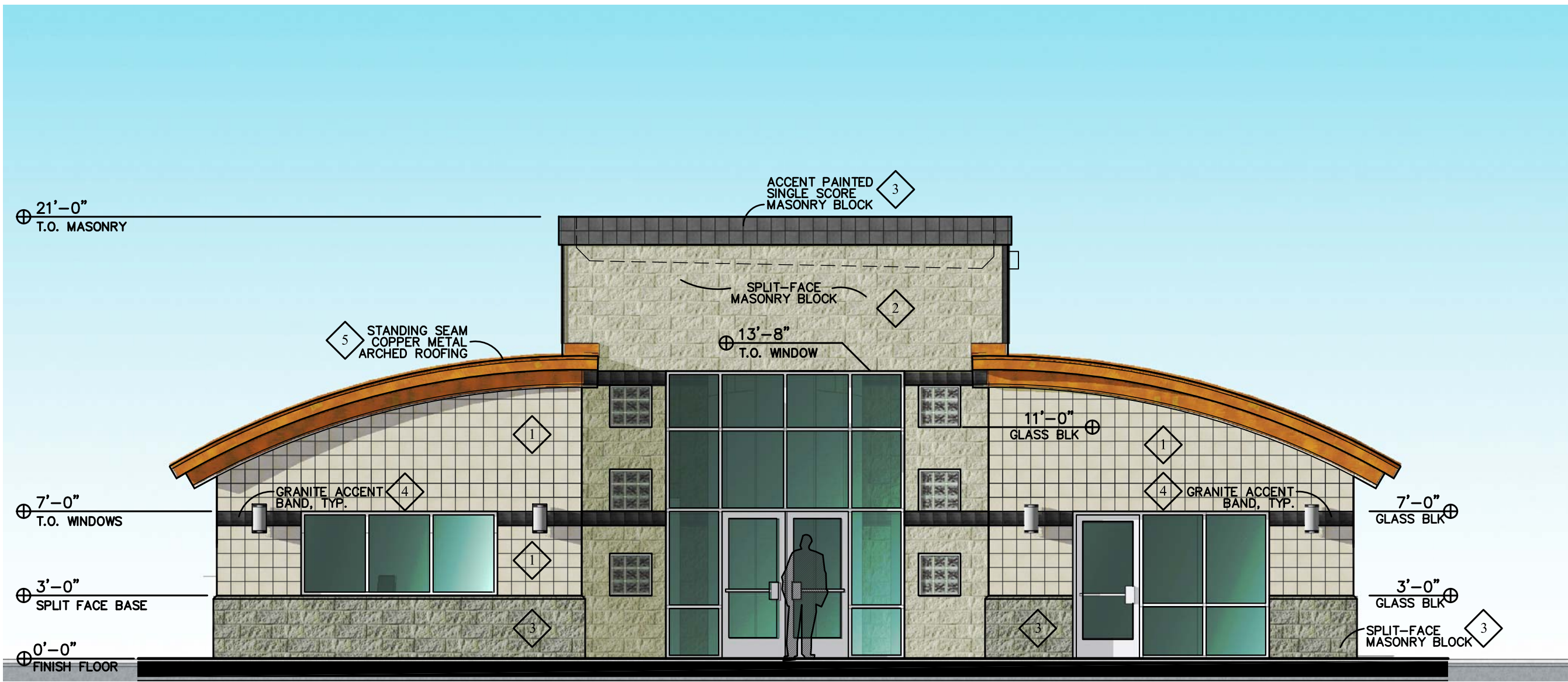
SCALE: 3/16" = 1'-0"



COLORS & FINISHES

SINGLE SCORE MASONRY	1	BIRCHWOOD (DEC752)
SPLIT-FACE MASONRY	2	SHAGGY BARKED (DEC771)
SPLIT-FACE MASONRY BASE	3	STONE MASON (DET615)
GRANITE ACCENT REVEAL	4	POLISHED BLACK GRANITE
METAL ROOFING	5	METAL STANDING SEAM ROOFING COPPER
GLASS WINDOW WALL		INSULATED NATURAL ALUMINUM W/ TINTED GLAZING

NOTE: 1. ALL PAINT COLORS ARE BY DUNN-EDWARDS COMPANY.



FRONT ELEVATION:

SCALE: 3/16" = 1'-0"

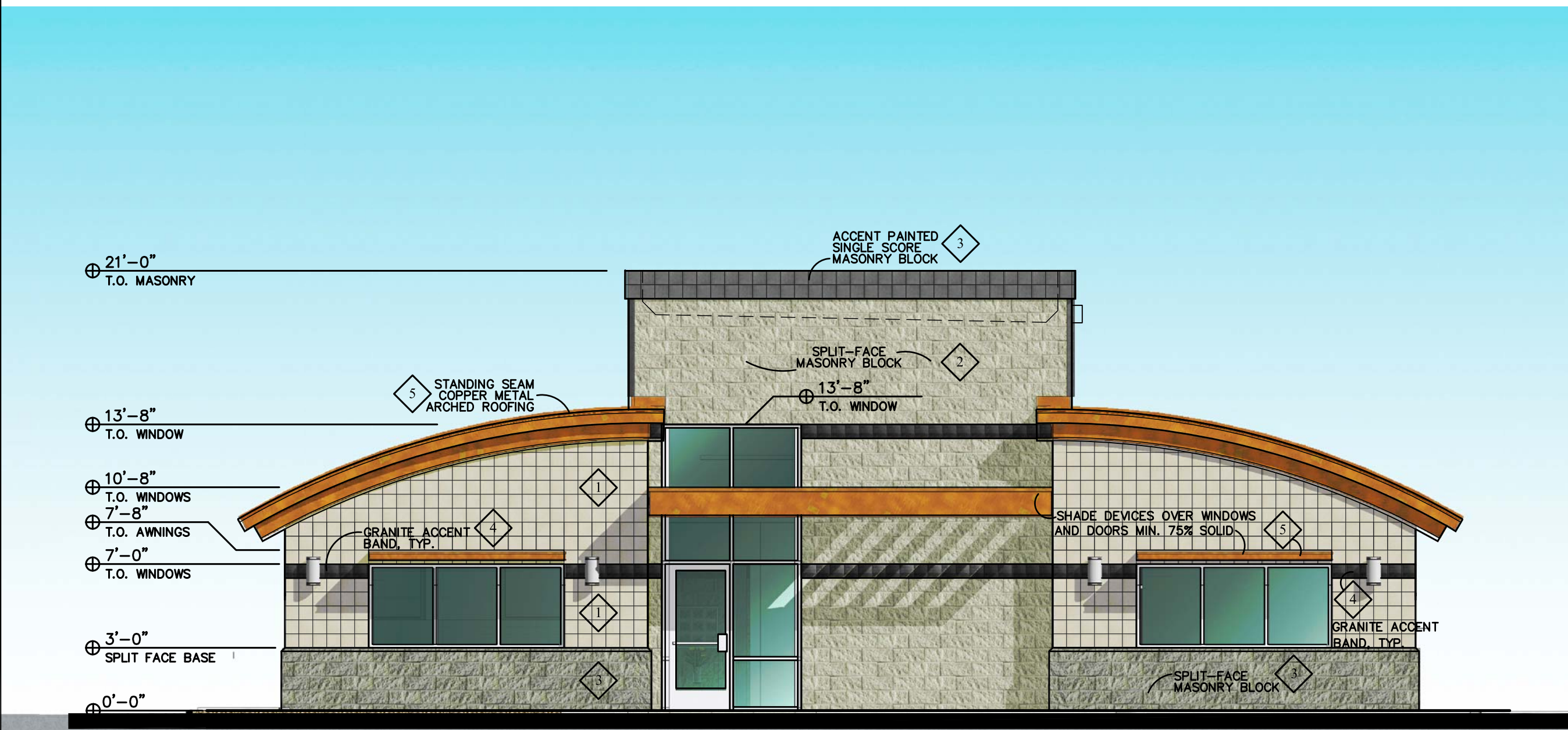
NORTH:

APPROVED

Stipulation Set

10/22/2019 bmoriant

DATE APPROVED BY



SOUTH ELEVATION:

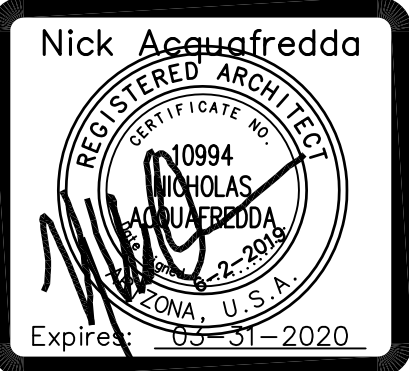
SCALE: 3/16" = 1'-0"



WEST ELEVATION:

SCALE: 3/16" = 1'-0"

revisions									



PROFESSIONAL OFFICES
- FOR -
SIMONSON BUILDINGS, INC.
7539 East First St. Scottsdale, AZ.

architects & planners
international, inc.
4717 E. McDowell suite 100 phoenix, arizona 85008 (602) 273-4202

drawn by JER
date 6/2/2019
job no. 1903


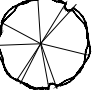
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sheet ___ of ___





CASE NO: 174-PA-2019 PLAN CHECK NO: _____


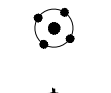
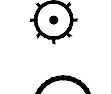



SIMONSON BUILDING


PROFESSIONAL OFFICE IMPROVEMENT

PLANTING MATERIAL LEGEND

TREES	SIZE	NOTES	QTY
 Chilopsis linearis burgundy □ Desert Willow □ Caliper Size: 1.5"	24" Box H 6' W 4' □	Standard trunk □ [ADWR]	4
 Acacia farnesiana Desert Willow □ Caliper Size: 1.5"	24" Box H 7' W 3' □	[ADWR]	2

GROUNDCOVERS	QTY
 Lantana montevidensis Trailing Lantana Gold □	5 Gallon [ADWR] 2
 Lantana mo. Dallas Red □ Dallas Red Lantana	5 Gallon [ADWR] 4
 Convolvulus mauritanicus Ground Morning Glory	1 Gallon [ADWR] 6
 Melampodium leucanthum Blackfoot Daisy	1 Gallon [ADWR] 24

SHRUBS / ACCENTS	QTY
 Ruellia californica Baja Ruellia	5 Gallon Can Full [ADWR] 4
 Muhlenbergia capillaris Regal Mist Grass	5 Gallon [ADWR] 23
 Aloe hybrid Blue Elf □ Blue Elf Aloe	5 Gallon [ADWR] 23
 Hesperaloe parviflora Red Yucca	5 Gallon [ADWR] 3
 Salvia greggii Autumn Sage	5 Gallon [ADWR] 28
 Agave murpheyi Murphy's Agave	5 Gallon [ADWR] 1



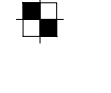
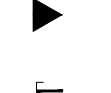



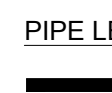
LANDSCAPE MATERIALS	QTY
 Decomposed Granite. 3/4" minus, Express Arizona Gold 2" deep in planting areas per plan.	2,305 sq.ft.



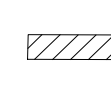
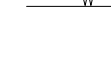

[ADWR] Arizona Department of Water Resources Approved
[L] Water Use Plant

[SVT] Sight Visibility Triangle

IRRIGATION LEGEND

SYSTEM DESIGNED USING A RESIDUAL PRESSURE OF 80 PSI
SYMBOL

 CONTROLLER	RAIN BIRD ESP-ME RESIDENTIAL CONTROLLER, 4 STATION, ESP4MEI MODEL WALL MOUNT - METAL ENCLOSURE PAINT TO MATCH ARCHITECTURE FINISH WHERE MOUNTED.
 RPBFA	BACKFLOW PREVENTER ASSEMBLY, FEBCO 825YA, WITH ENCLOSURE PER CITY OF SCOTTSDALE STD DETAIL 2354
 DRIP VALVE	CONNECT TO EX. DRIP VALVES, FIELD VERIFY LOCATION. EX. DRIP VALVE ASSEMBLY TO BE MAINTAINED DURING CONSTRUCTION.
 PRESSURE REG.	SENNIGER 30 PSI - LOCATE IN SEPARATE BOXES MEDIUM FLOW 2-20GPM - 30 PSI (100 MESH)
 FLUSH CAP	SPEARS FLUSH CAP 1/2" FLUSH VALVE
 N/S EMITTER - SP	BOWSMITH 1.0 GPH (1 PER PLANT)
 EMITTER - MP	BOWSMITH 1.0 GPH 6 PORT (2 PER TREE) GROUPS OF SHRUBS WITHIN 6' □ EXISTING/ NEW TREES RECEIVE DEEP WATER TUBES FOR EMITTERS
 SERVICE POINT	CONNECT TO EXISTING MUNICIPAL POTABLE WATER SERVICE

PIPE LEGEND	
	MAINLINE - 1" SIZE PVC SCH. 40
	TREE LATERAL PVC SCH. 40 - SOLVENT WELD
	SHRUB LATERAL PVC SCH. 40 - SOLVENT WELD
	PIPE SLEEVE PVC SCH. 40 - 2 X PIPE SIZE MINIMUM
	WIRE SLEEVE PVC SCH. 40 - 1 1/2" SIZE

CITY OF SCOTTSDALE LANDSCAPE NOTES

- AREAS OF DECOMPOSED GRANITE WITHOUT PLANT MATERIALS/ GROUNDCOVER SHALL NOT EXCEED DIMENSIONS OF MORE THAN 7 FEET IN ANY ONE DIRECTION, MEASURED BETWEEN PLANT CANOPIES AND/OR COVERAGE.
- A MINIMUM OF 50 PERCENT 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 TREES 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 THE FINISHED GRADE IF ALL TRUNKS ORIGINATE FROM THE SOIL.
- AREA WITHIN THE SIGHT DISTANCE TRIANGLE IS TO BE CLEAR OF LANDSCAPING, SIGNS, OR OTHER VISIBILITY OBSTRUCTIONS WITH A HEIGHT GREATER THAN 2 FEET. TREES WITHIN THE SAFETY TRIANGLE SHALL HAVE A CANOPY THAT BEGINS AT 7 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 OF 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 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 EXPIRED 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.
- LANDSCAPE ARCHITECT STRONGLY RECOMMENDS APPLICATION OF "SUPERTHRIVE" HORMONE / VITAMIN TREATMENT TO MITIGATE TRANSPLANT SHOCK.

CITY OF SCOTTSDALE SIGNATURE BLOCK

ESTIMATED ANNUAL LANDSCAPE WATER DEMAND
City Requirements
10.0 ft/ac/year x XX sqft/ac x XX gal./cuft = XX gal./yr max.

Total Landscape Water Usage 2,160 gal./year
Water Conservation XXX gal./year

Total Acre Foot of Water Per Year 288 ft/ac/year

CITY OF SCOTTSDALE LANDSCAPE PLAN APPROVAL

CASE #:	APPROVED BY:	DATE:
CONSTRUCTION AND INSTALLATION SHALL BE IN ACCORDANCE WITH THIS PLAN AND ALL DEVIATIONS WILL REQUIRE REAPPROVAL. THE CITY WILL NOT ISSUE A CERTIFICATE OF OCCUPANCY UNTIL INSPECTION SERVICES STAFF APPROVES THE LANDSCAPE INSTALLATION.		

ALL LANDSCAPE AREAS AND MATERIALS, INCLUDE THOSE LOCATED IN PUBLIC RIGHTS-OF-WAY, SHALL BE MAINTAINED IN A HEALTHY, NEAT, CLEAN AND WEED FREE CONDITION. ANSI A 300 STANDRD PRACTICES FOR PRUNING, SUPPORT SHALL BE THE RESPONSIBILITY OF THE

(Property Owner / Developer / HOA)

CITY OF SCOTTSDALE LANDSCAPE PLAN REAPPROVAL

REAPPROVAL #	REVISED SHEET #(S)	DESCRIPTION OF REVISION(S)
CASE #:	APPROVED BY:	DATE:
CONSTRUCTION AND INSTALLATION SHALL BE IN ACCORDANCE WITH THIS PLAN AND ALL DEVIATIONS WILL REQUIRE REAPPROVAL. THE CITY WILL NOT ISSUE A CERTIFICATE OF OCCUPANCY UNTIL INSPECTION SERVICES STAFF APPROVES THE LANDSCAPE INSTALLATION.		

LANDSCAPE CALCULATIONS CITY OF SCOTTSDALE

LANDSCAPE MATERIAL NOT ON AD.W.R:	0.0%
LANDSCAPE TURF AREA TOTAL	0 S.F.
LANDSCAPE ON-SITE TOTAL	2,120 S.F.
LANDSCAPE OFF-SITE TOTAL	185 S.F.
LANDSCAPE PARKING LOT TOTAL	500 S.F.
TOTAL PROJECT LANDSCAPE AREA	2,805 S.F.

NOTES: COMPLY WITH CITY OF SCOTTSDALE SUMARRY DATA PER ZONING ORDINACES 10200

SHEET INDEX

SHEET	TITLE
L01	LANDSCAPE COVER
L10	LANDSCAPE PLAN
L20	IRRIGATION PLAN
L30	LANDSCAPE DETAILS
L40-L41	IRRIGATION DETAILS

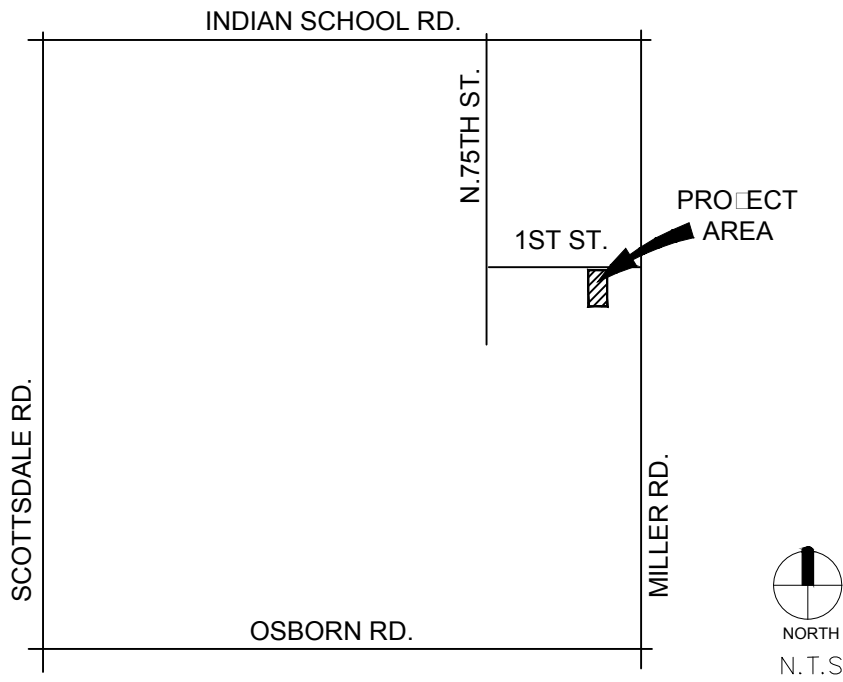
OWNER CONTACT

SIMONSON BUILDING, INC.
MR. MICHAEL & CINDY SIMONSON
3402 N. 36TH ST.
PHOENIX, ARIZONA 85018
(602) 955-0504

LANDSCAPE ARCHITECT

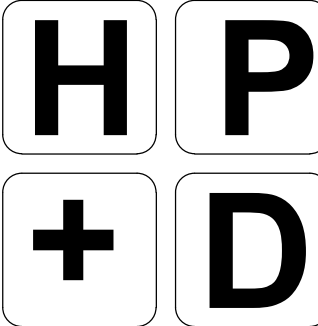
HARRINGTON PLANNING + DESIGN (HP+D)
3116 S. MILL AVENUE, SUITE 305
TEMPE, ARIZONA 85282
JASON HARRINGTON, RLA, ASLA, ASIC, APWA
(480) 250-0116
JASON@HARRINGTONPLANNINGDESIGN.COM

VICINITY MAP



PROJECT DATA

ZONING: SR-DO
CASE #:
PLAN ID #:
APN#104-54-399



HARRINGTON
PLANNING + DESIGN

3116 S. Mill Avenue, Suite 305
Tempe, Arizona 85282
Tel: 480-250-0116
www.HarringtonPlanningDesign.com



SIMONSON BUILDING
PROFESSIONAL OFFICE

7539 EAST FIRST ST.
SCOTTSDALE, ARIZONA 85251

REV. COMMENT DATE

1ST Review 05.03.19
ISSUE DATE

LANDSCAPE PACKAGE

AUGUST 15, 2019

DRAWN BY: SL
CHECK BY: SL
PROJECT NO.: 2019-016
CASE NO.: NA

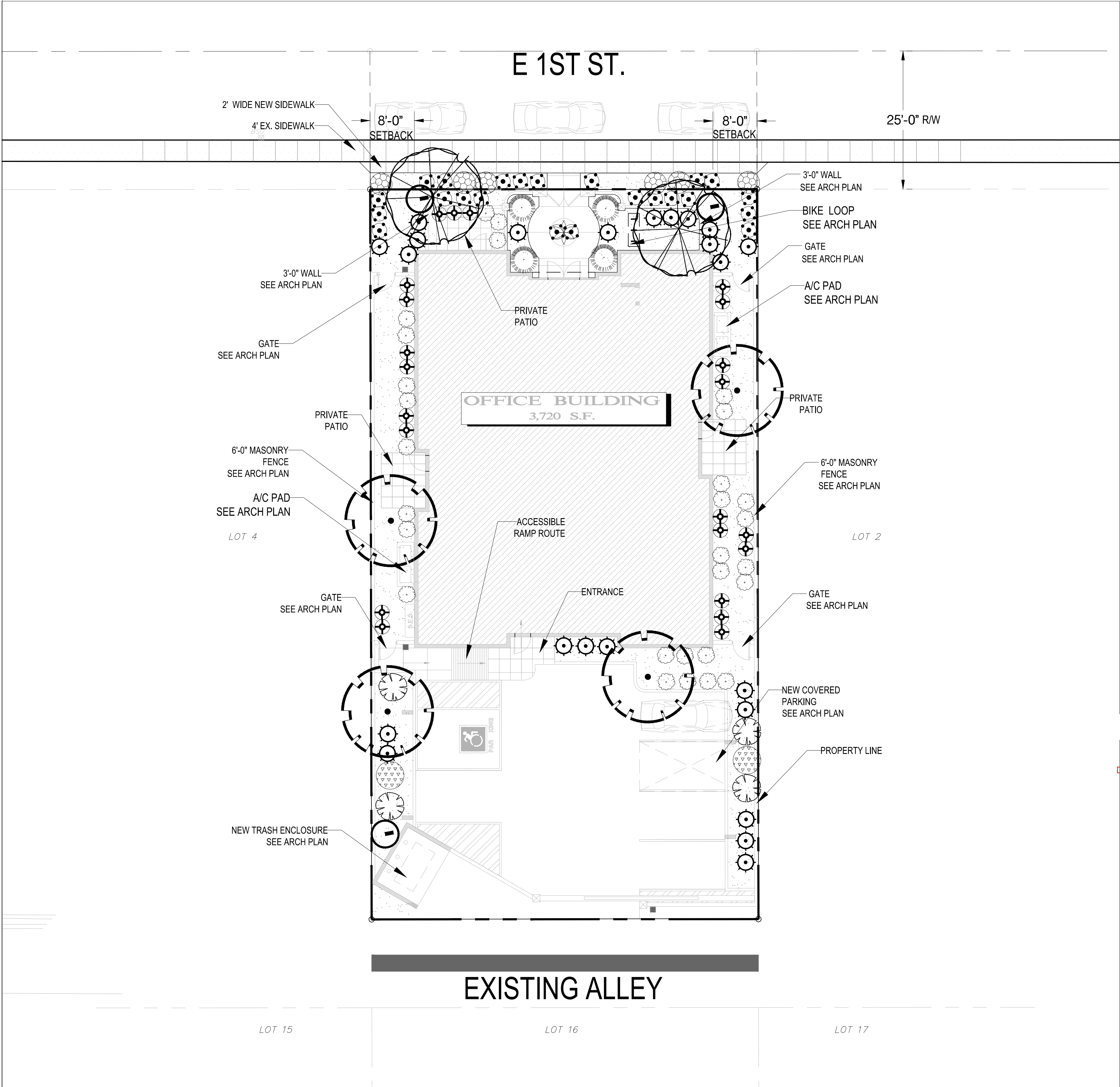
LANDSCAPE COVER

L0.1
1 of 6

ARIZONA BLUESTAKE
CENTER
CALL TWO WORKING DAYS
BEFORE YOU DIG
1.800.782.5348

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PLANTING MATERIAL LEGEND

TREES	SIZE	NOTES	QTY
Chilopsis linearis burgundy	24" Box	Standard trunk	4
Desert Willow	H 6' W 4"	ADWR	
Caliper Size: 1.5"			
Acacia farnesiana	24" Box		2
Desert Street Acacia	H 7' W 3"	ADWR	
Caliper Size: 1.5"			

GROUNDCOVERS		QTY
Lantana montevidensis	5 Gallon	2
Trailing Lantana Gold		ADWR
Lantana mo. Dallas Red	5 Gallon	4
Dallas Red Lantana		ADWR
Convolvulus mauritanicus	1 Gallon	6
Ground Morning Glory		ADWR
Melampodium leucanthum	1 Gallon	24
Blackfoot Daisy		ADWR

SHRUBS / ACCENTS		QTY
Ruellia californica	5 Gallon	4
Baja Ruellia	Can. Full	ADWR
Muhlenbergia capillaris	5 Gallon	23
Regal Mist Grass		ADWR
Aloe hybrid Blue Elf	5 Gallon	23
Blue Elf Aloe		ADWR
Hesperaloe parviflora	5 Gallon	3
Red Yucca		ADWR
Salvia greggii	5 Gallon	28
Autumn Sage		ADWR
Agave murpheyi	5 Gallon	1
Murphy's Agave		ADWR

LANDSCAPE MATERIALS		
Decomposed Granite, 3/4" minus, Express Arizona Gold 2" deep in	2,305 sq. ft.	
planting areas per plan.		

ADWR Arizona Department of Water Resources Approved
Low Water Use Plant

SVT Sight Visibility Triangle

LANDSCAPE NOTES

1. FIELD VERIFY EXISTING SITE PRIOR TO BID AND CONSTRUCTION.
2. REFER TO CIVIL ENGINEERING PLANS FOR VERTICAL AND HORIZONTAL CONTROL.
3. PROTECT ALL UTILITIES DURING CONSTRUCTION.

APPROVED
Stipulation Set

10/22/2019 bmariorit
DATE APPROVED BY

H

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+

D

HARRINGTON

PLANNING & DESIGN

3116 S. Mill Avenue, Suite 305

Tempe, Arizona 85282

Tel: 480-250-0116

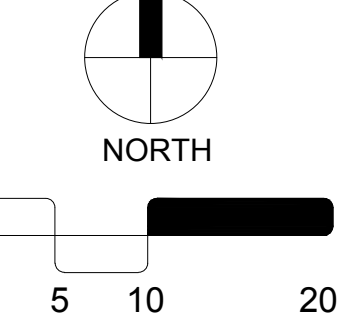
harringtonplanningdesign.com



SIMONSON BUILDING
PROFESSIONAL OFFICE
7539 EAST FIRST ST.
SCOTTSDALE, ARIZONA 85251

REV.	COMMENT	DATE

LANDSCAPE PACKAGE	
AUGUST 15, 2019	
DRAWN BY:	SL
CHECK BY:	SL
PROJECT NO.:	2019-016
CASE NO.:	NA



LANDSCAPE PLAN

L1.0

2 of 6

ARIZONA BLUESTAKE

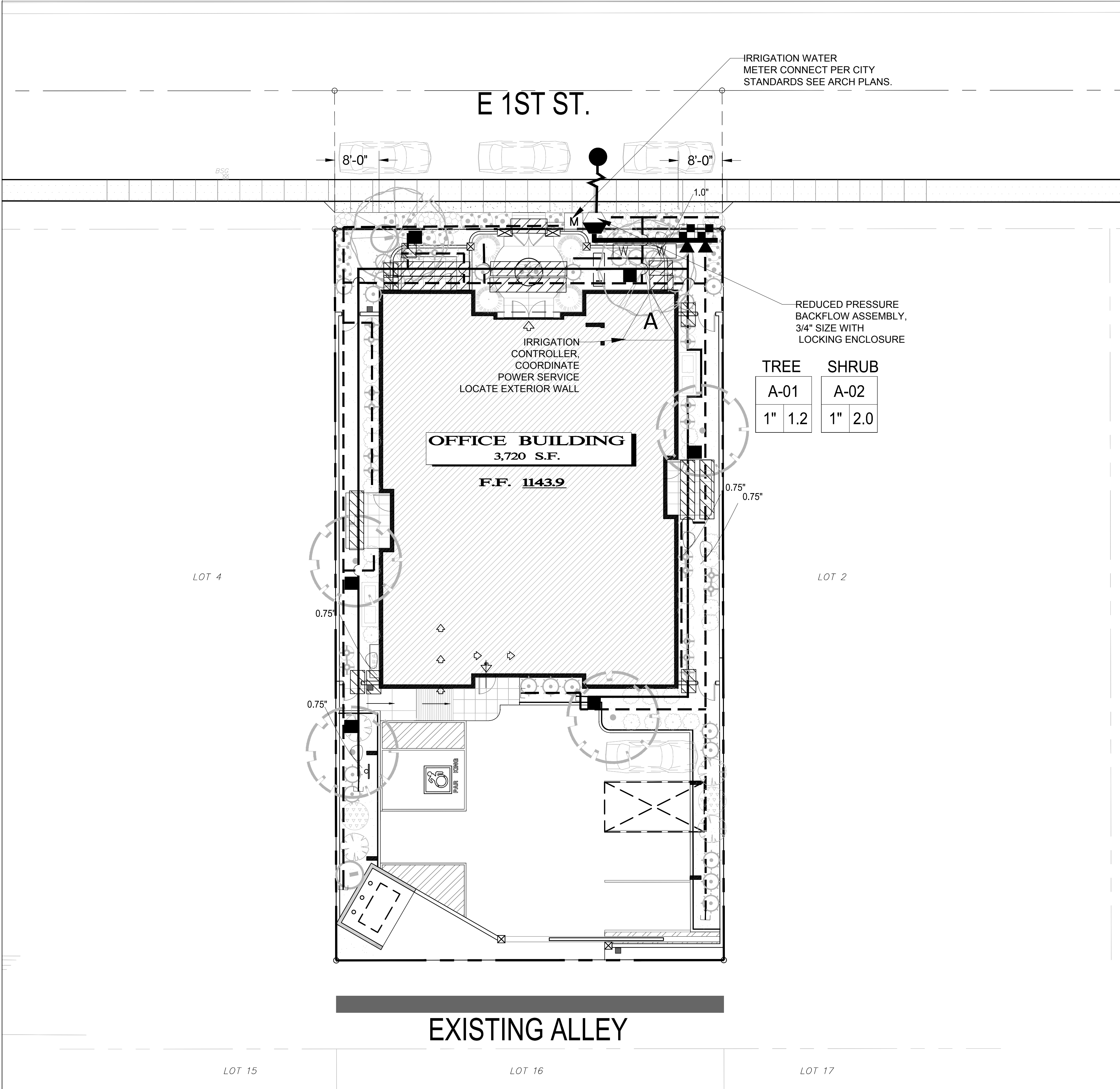
CENTER

CALL TWO WORKING DAYS BEFORE YOU DIG

1.800.782.5348

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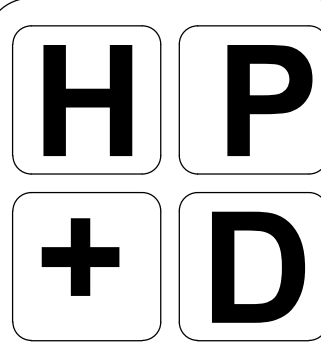
IRRIGATION LEGEND

SYSTEM DESIGNED USING A RESIDUAL PRESSURE OF 80 PSI
SYMBOL

	CONTROLLER	RAIN BIRD ESP-ME RESIDENTIAL CONTROLLER, 4 STATION, ESP4MEI MODEL WALL MOUNT - METAL ENCLOSURE PAINT TO MATCH ARCHITECTURE FINISH WHERE MOUNTED.
	RPBFA	BACKFLOW PREVENTER ASSEMBLY, FEBCO 825YA, WITH ENCLOSURE PER CITY OF SCOTTSDALE STD DETAIL 2354
	DRIP VALVE	CONNECT TO EX. DRIP VALVES, FIELD VERIFY LOCATION. EX. DRIP VALVE ASSEMBLY TO BE MAINTAINED DURING CONSTRUCTION
	PRESSURE REG.	SENNIGER 30 PSI - LOCATE IN SEPARATE BOXES MEDIUM FLOW 2-20GPM - 30 PSI (100 MESH)
	FLUSH CAP	SPEARS FLUSH CAP 1/2\" FLUSH VALVE
	EMITTER - SP	BOWSMITH 1.0 GPH (1 PER PLANT)
	EMITTER - MP	BOWSMITH 1.0 GPH 6 PORT (2 PER TREE) GROUPS OF SHRUBS WITHIN 6\" EXISTING/ NEW TREES RECEIVE DEEP WATER TUBES FOR EMITTERS
	SERVICE POINT	CONNECT TO EXISTING MUNICIPAL POTABLE WATER SERVICE
PIPE LEGEND		
	MAINLINE - 1\" SIZE	PVC SCH. 40
	TREE LATERAL	PVC SCH. 40 - SOLVENT WELD
	SHRUB LATERAL	PVC SCH. 40 - SOLVENT WELD
	PIPE SLEEVE	PVC SCH. 40 - 2 X PIPE SIZE MINIMUM
	WIRE SLEEVE	PVC SCH. 40 - 1 1/2\" SIZE

SITE IRRIGATION NOTES

1. FIELD VERIFY EXISTING SITE PRIOR TO BID AND CONSTRUCTION.
2. REFER TO CIVIL ENGINEERING PLANS FOR VERTICAL AND HORIZONTAL CONTROL.
3. PROTECT ALL UTILITIES DURING CONSTRUCTION.
4. OWNER SHALL MAINTAIN ALL LANDSCAPING FOR THIS PROJECT.



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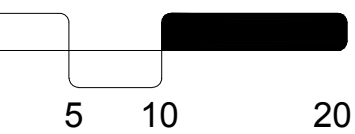
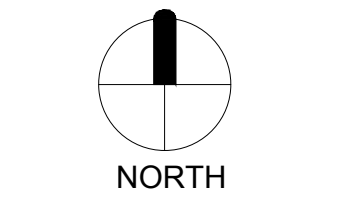
REV. COMMENT DATE

1ST Review: 05.03.19
ISSUE DATE

LANDSCAPE
PACKAGE

AUGUST 15, 2019

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CHECK BY:	SL
PROJ. NO.:	2019-016
CASE NO.:	NA



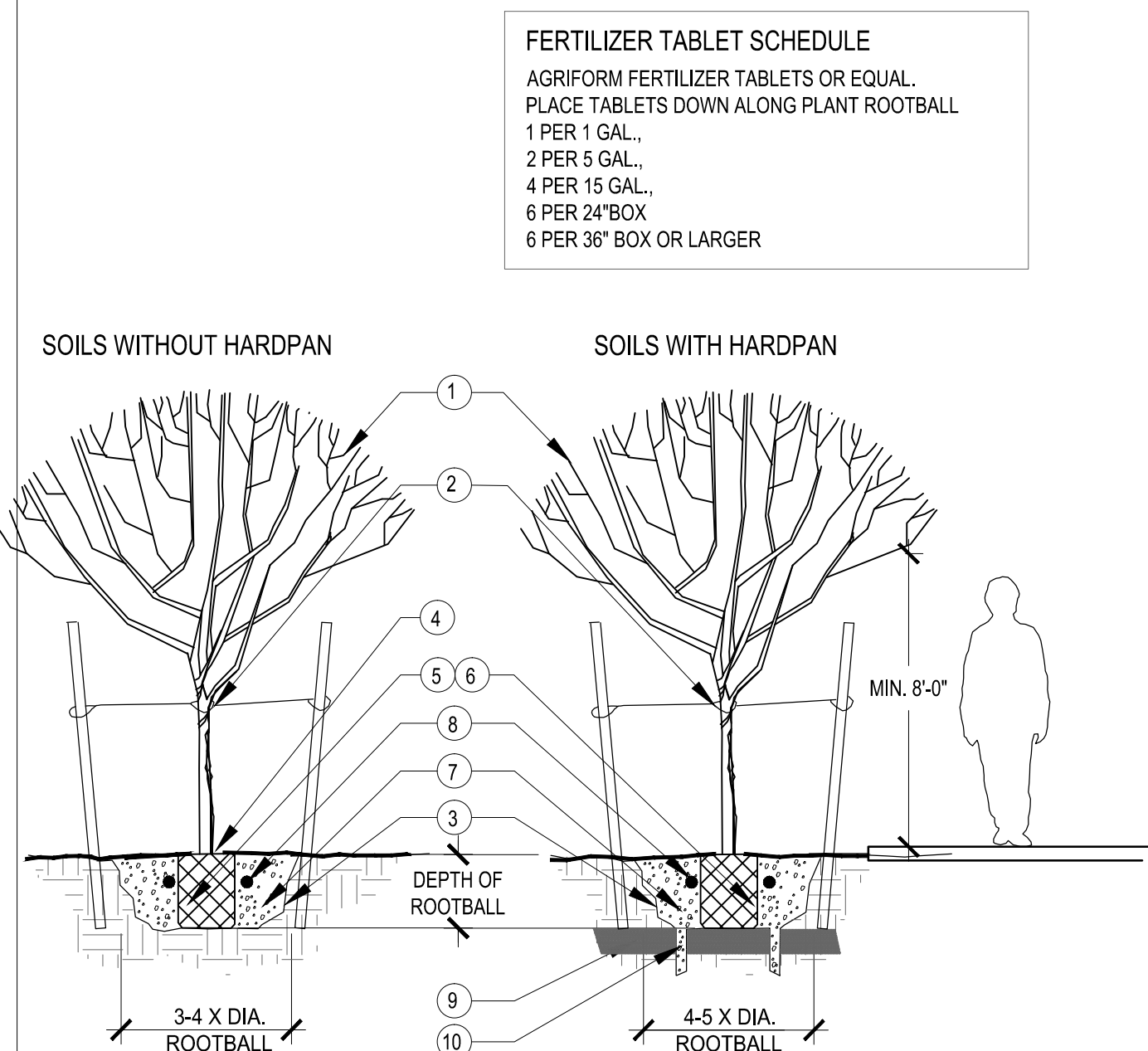
IRRIGATION PLAN

L2.0
3 of 6

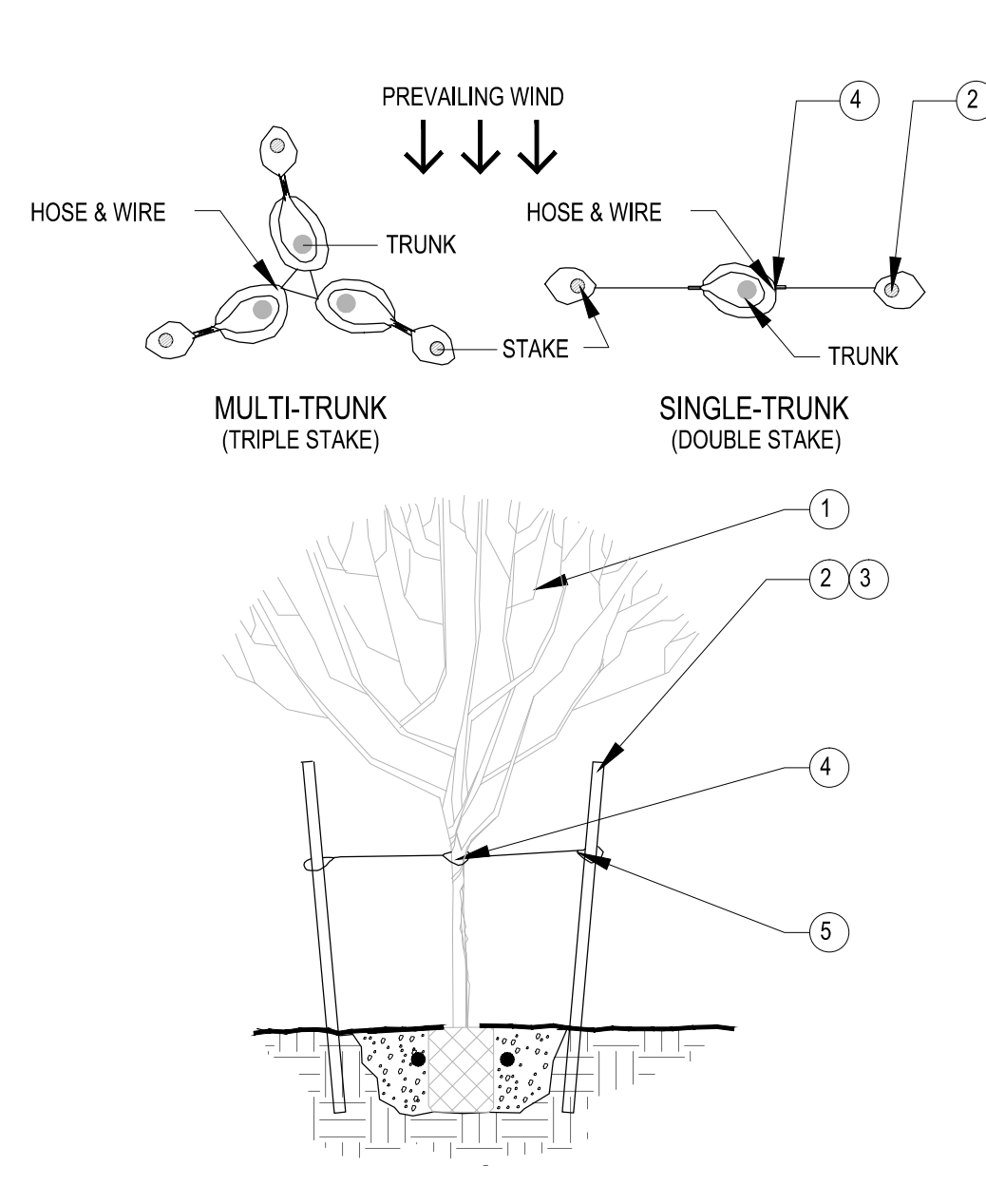


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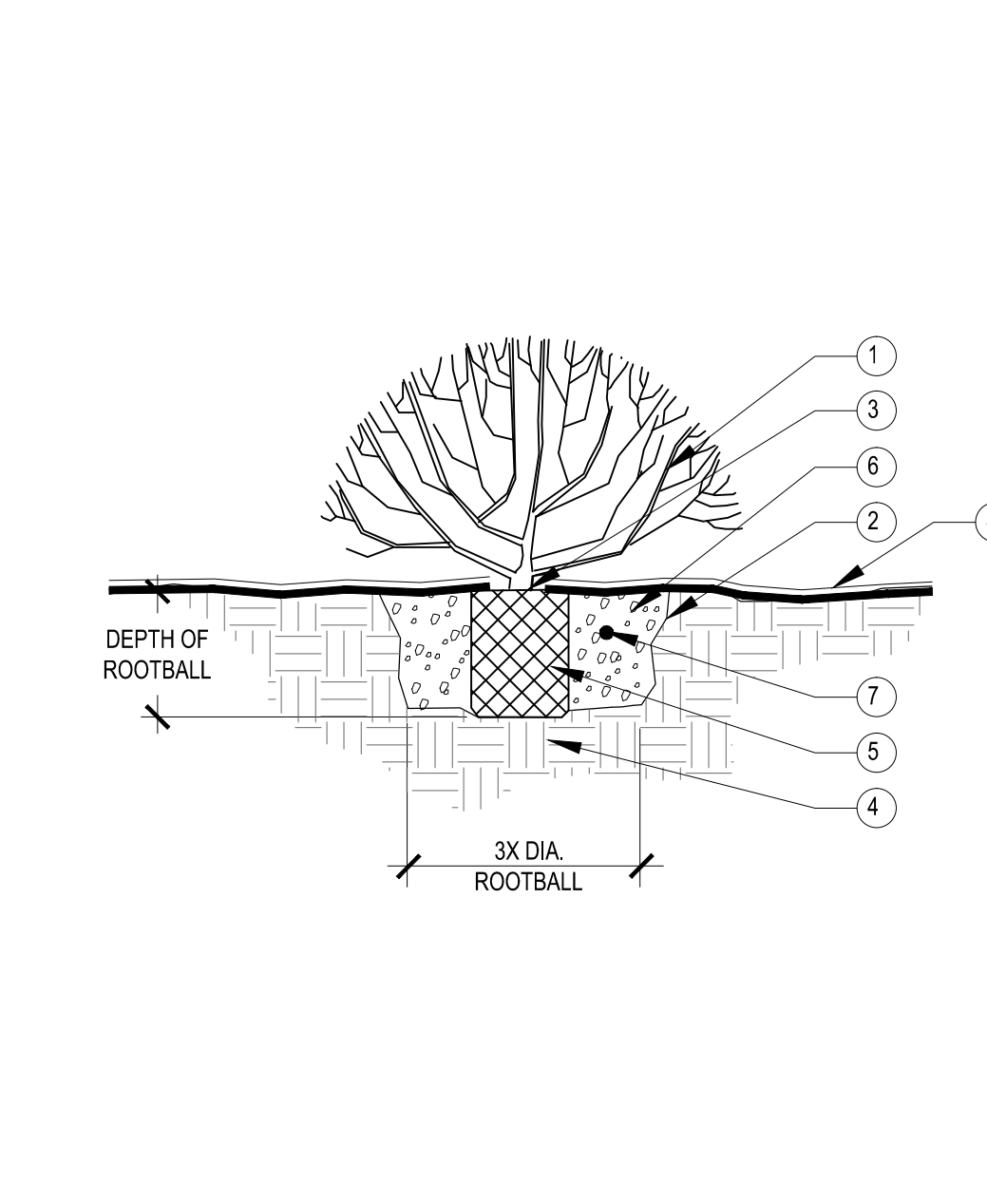
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- 1 TREE, REF. PLANTING LEGEND
 - 2 TREE STAKE, REF. STAKING DETAIL
 - 3 WALLS OF UNDISTURBED SOIL SHOULD BE SLOPED WITH ROUGH EDGES.
 - 4 TOP OF ROOTBALL FLUSH OR SLIGHTLY ABOVE FINISH GRADE
 - 5 PLACE ROOTBALL ON UNDISTURBED SOIL
 - 6 FREE OR CUT CIRCLING ROOTS (UNLESS PLANTS ARE KNOWN TO HAVE SENSITIVE ROOTS HANDLED WITH MINIMAL DISTURBANCE)
 - 7 BACKFILL: PER SOIL AMENDMENT MIX OR NATIVE MATERIAL IF NONE DESCRIBED
 - 8 FERTILIZER TABLET, REFER TO FERTILIZER TABLET SCHEDULE
 - 9 UNDISTURBED HARDPAN
 - 10 DIG A MIN. OF 3 DRAINAGE CHIMNEY HOLES BESIDE ROOT BALL AND THROUGH HARDPAN
- NOTES:
1. TRIM AND MAINTAIN TO PROVIDE A MINIMUM 8'-0" CLEARANCE FROM ADJACENT PATH OR PAVEMENT TO TREE CANOPY.



- 1 TREE PLANTING, REF. DETAIL
 - 2 2" DIA. LODGEPOLE OR 2" SQ. STAKES DRIVEN VERTICALLY OR SLIGHT ANGLE IN UNDISTURBED SOIL. 8' TALL FOR #15 GAL. SIZE, 10' TALL FOR 24" BOX OR LARGER. NOTCH EACH STAKE WITH 1/2" CUT TO SECURE WIRE AT
 - 3 PLACE OR CUT STAKES OFF BELOW THE CANOPY TO PREVENT DAMAGE TO OVERHEAD BRANCHES
 - 4 PLACE HOSE AND WIRE 6" ABOVE STRESS POINT OF TREE. NOTCH BACKSIDE OF POLY. USE 1/2" ID RUBBER HOSE 12"-15" LONG MIN.
 - 5 #12 DOUBLE STAND GALVANIZED WIRE, WRAP MINIMUM TWICE AROUND STAKE AND SECURE. WRAP MINIMUM OF 5X TO TIGHTEN WIRE END
- NOTES:
1. TYPICALLY, LARGE SALVAGED TREES DO NOT NEED STAKING.
2. THE CONTRACTOR MAY USE THEIR OWN DISCRETION IN STAKING TREES OF 52" BOX OR LARGER AND SHOULD REVIEW SITE SPECIFIC CONDITIONS AND EACH TREE TO DETERMINE IF STAKING IS NECESSARY.
3. DO NOT DISTURB IRRIGATION SYSTEM DURING STAKING.
4. DOUBLE STAKE SINGLE TRUNK TREES, TRIPLE STAKE MULTI-TRUNK TREES.



- 1 PLANT, REF. PLANT LEGEND
 - 2 WALLS OF UNDISTURBED SOIL SHOULD BE SLOPED WITH ROUGH EDGES
 - 3 TOP OF ROOTBALL FLUSH OR SLIGHTLY ABOVE FINISH GRADE
 - 4 PLACE ROOTBALL ON UNDISTURBED SOIL
 - 5 FREE OR CUT CIRCLING ROOTS (UNLESS PLANTS ARE KNOWN TO HAVE SENSITIVE ROOTS HANDLE WITH MINIMAL DISTURBANCE)
 - 6 BACKFILL: PER SPECIFIED SOIL AMENDMENT MIX, OR NATIVE MATERIAL IF NONE DESCRIBED. REMOVE ALL ROCK 1" OR GREATER FROM BACKFILL
 - 7 FERTILIZER TABLET, REFER TO FERTILIZER TABLET SCHEDULE
 - 8 INERT MULCH OR DG. REFER TO PLANT LEGEND
- NOTES:
1. PROVIDE ADEQUATE DRAINAGE. REFER TO DETAIL REGARDING SOILS WITH HARDPAN OR CALICHE.
- FERTILIZER TABLET SCHEDULE
AGRIFORM FERTILIZER TABLETS OR EQUAL.
PLACE TABLETS DOWN ALONG PLANT ROOTBALL
1 PER 1 GAL.,
2 PER 5 GAL.,
4 PER 15 GAL.,
6 PER 24" BOX
6 PER 36" BOX OR LARGER

1 TREE PLANTING

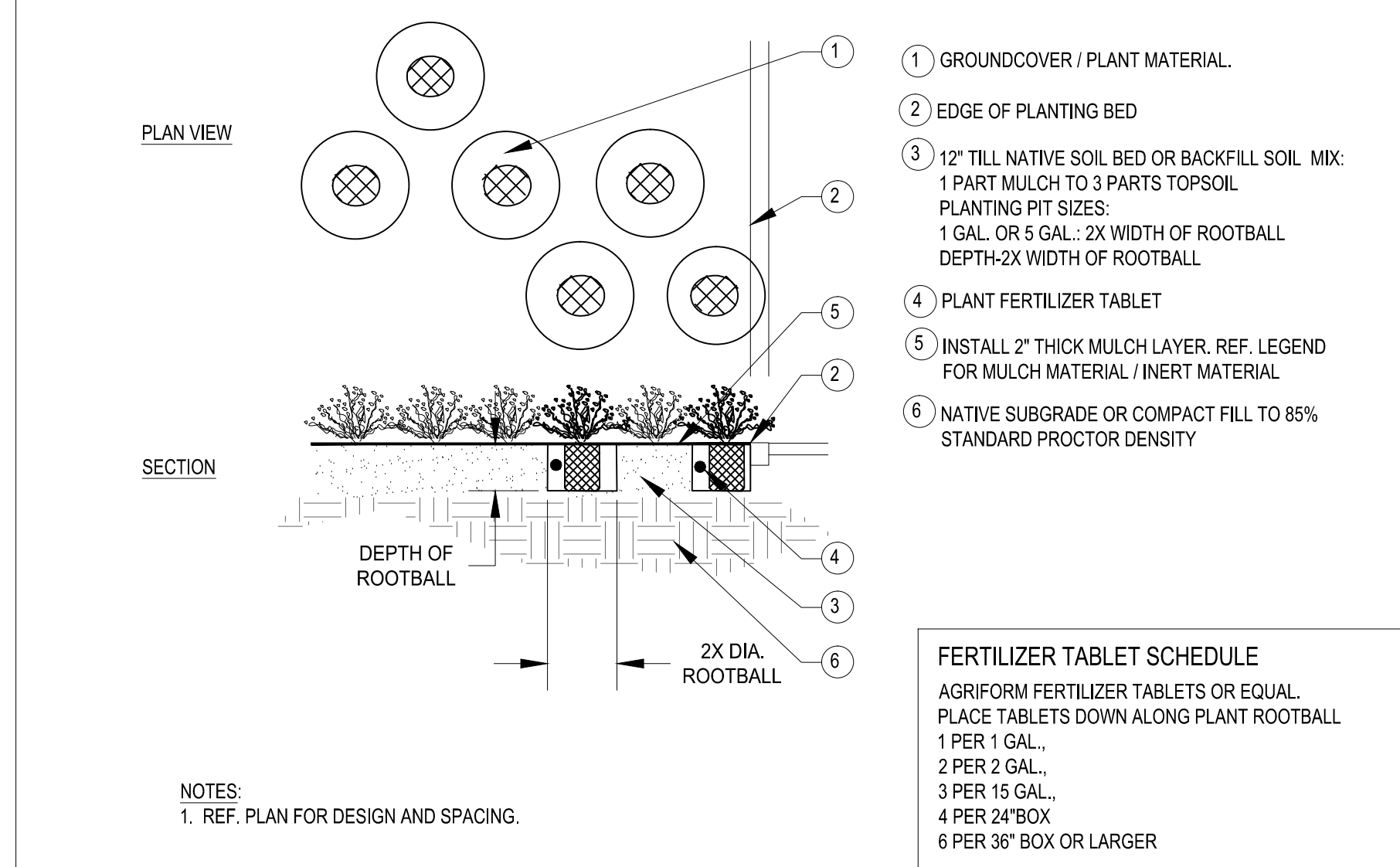
SCALE: N.T.S.

2 TREE STAKING DETAIL

SCALE: N.T.S.

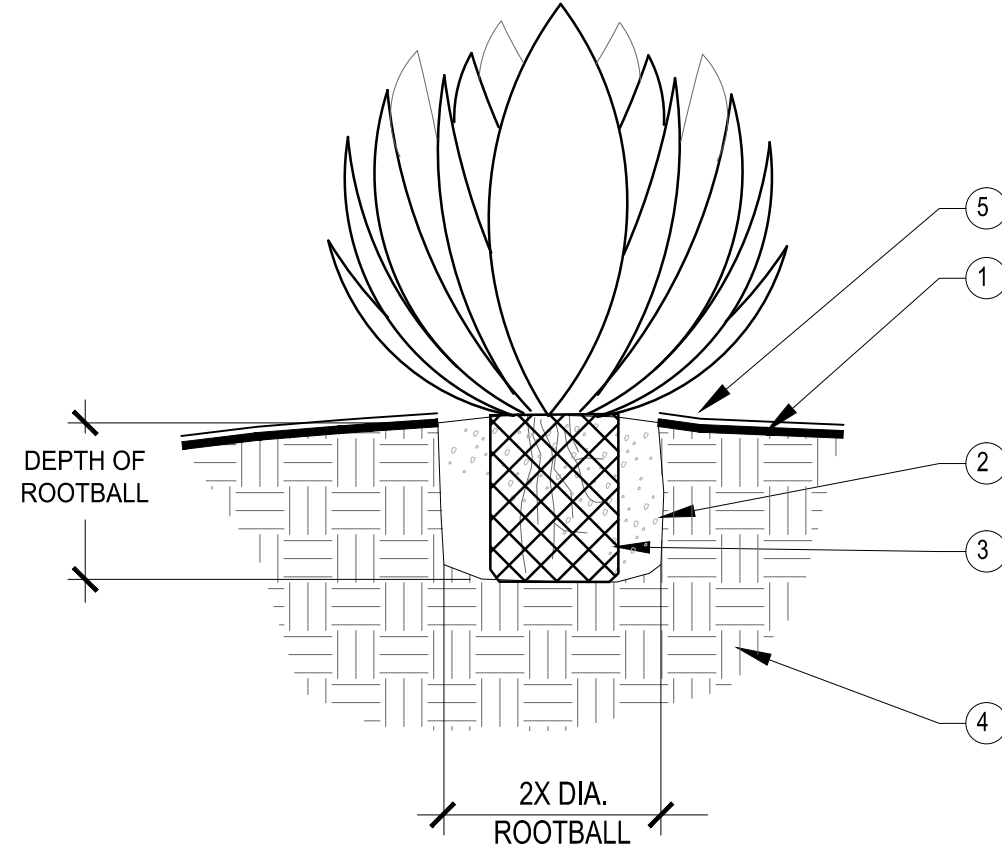
3 SHRUB PLANTING

SCALE: N.T.S.



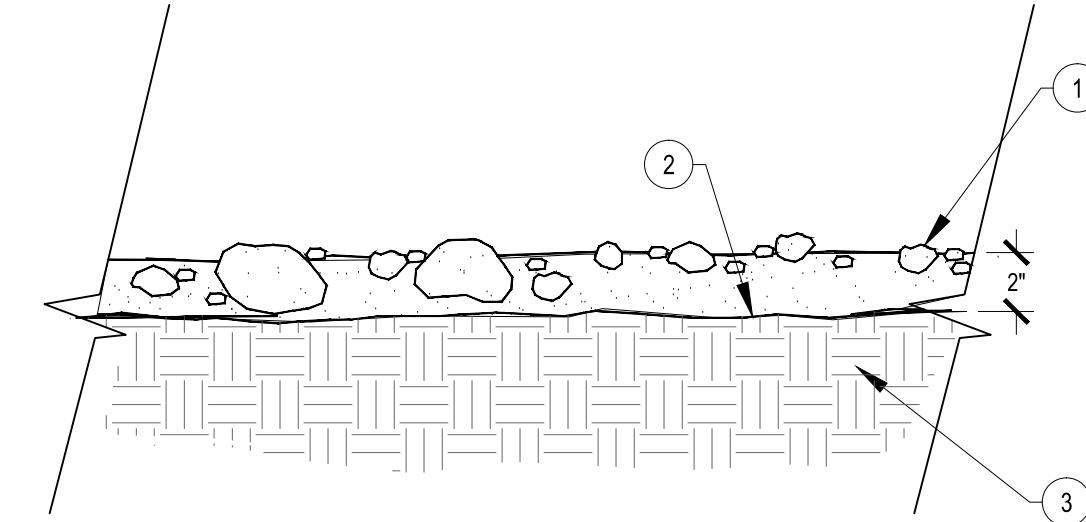
- 1 GROUNDCOVER / PLANT MATERIAL.
- 2 EDGE OF PLANTING BED
- 3 12" TILL NATIVE SOIL BED OR BACKFILL SOIL MIX: 1 PART MULCH TO 3 PARTS TOPSOIL. PLANTING PIT SIZES: 1 GAL. OR 5 GAL.: 2X WIDTH OF ROOTBALL. DEPTH-2X WIDTH OF ROOTBALL
- 4 PLANT FERTILIZER TABLET
- 5 INSTALL 2" THICK MULCH LAYER, REF. LEGEND FOR MULCH MATERIAL / INERT MATERIAL
- 6 NATIVE SUBGRADE OR COMPACT FILL TO 85% STANDARD PROCTOR DENSITY

NOTES:
1. REF. PLAN FOR DESIGN AND SPACING.



- 1 FINISH GRADE. SLOPE AWAY FROM BASE OF PLANT
- 2 PLANTING PIT TO BE AS DEEP AS ROOTS
- 3 BACKFILL TO BE NATIVE SOIL TREATED WITH SOIL SULFUR. HAND TAMP IN PLACE. WATER ONLY AT TIME OF PLANTING
- 4 NATIVE SOIL. REMOVE ROCK 1" OR LARGER FROM BACKFILL
- 5 INERT MULCH OR DG. REFER TO LEGEND

NOTES:
1. IN AREAS WHERE CALICHE OR HARDPAN OCCURS BENEATH THE ROOTS, BORE THROUGH IT WITH AN 8" DIAMETER HOLE 12" DEEP.
2. PLANT AT SAME LEVEL AS FINISH GRADE OF ORIGINAL SOIL LINE OF BASE OF PLANT.



NOTE:
1. COORDINATE FINAL GRADES WITH LANDSCAPE ARCHITECT AND PER PLANS.
2. REAPPLY DG TO AREAS THAT SETTLE.
3. WET DG ROCK AFTER INSTALL TO REMOVE DUST AND SETTLE ROCK.
4. WASH DG FROM ADJACENT PAVEMENTS.
5. APPLY POST EMERGENT WEED CONTROL AFTER LANDSCAPE INSTALL COMPLETED.

4 GROUNDCOVER PLANTING

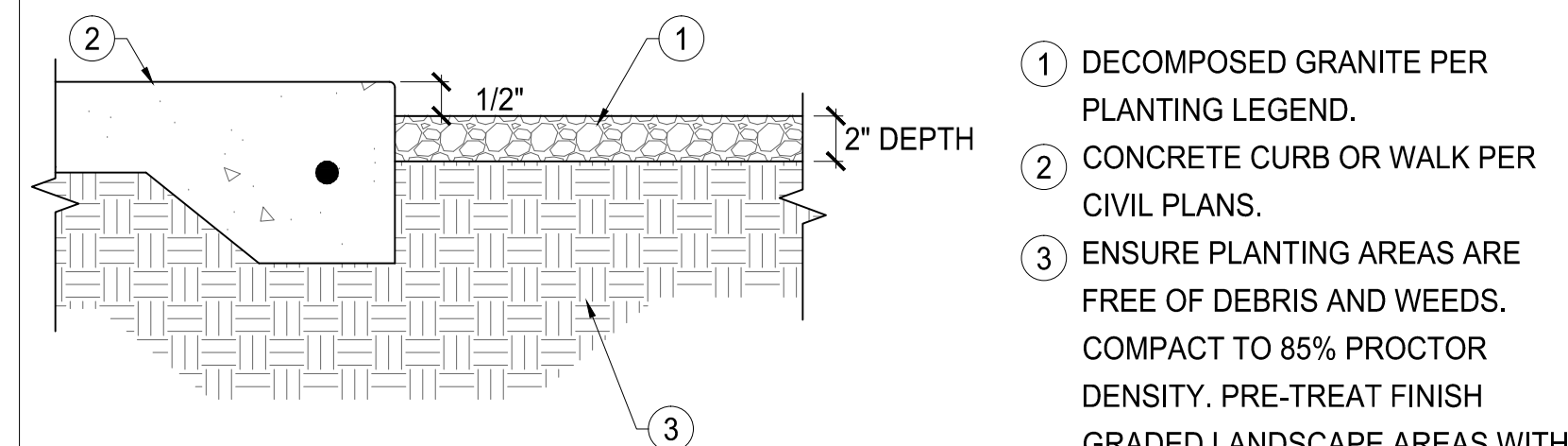
SCALE: N.T.S.

5 ACCENT PLANTING - CONTAINER

SCALE: N.T.S.

6 GRANITE INSTALLATION

SCALE: N.T.S.



- 1 DECOMPOSED GRANITE PER PLANTING LEGEND.
- 2 CONCRETE CURB OR WALK PER CIVIL PLANS.
- 3 ENSURE PLANTING AREAS ARE FREE OF DEBRIS AND WEEDS. COMPACT TO 85% PROCTOR DENSITY. PRE-TREAT FINISH GRADED LANDSCAPE AREAS WITH PRE-EMERENT CHEMICAL APPLICATION.

NOTES:
1. COORDINATE FINAL GRADES WITH LANDSCAPE ARCHITECT AND PER CIVIL PLANS.
2. REAPPLY DG TO AREAS THAT SETTLE.
3. WET DG ROCK AFTER INSTALL TO REMOVE DUST AND SETTLE ROCK.
4. WASH DG FROM ADJACENT PAVEMENTS
5. APPLY POST EMERGENT WEED CONTROL AFTER LANDSCAPE INSTALL COMPLETED.

7 CONCRETE / GRANITE TRANSITION

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H P
+ D
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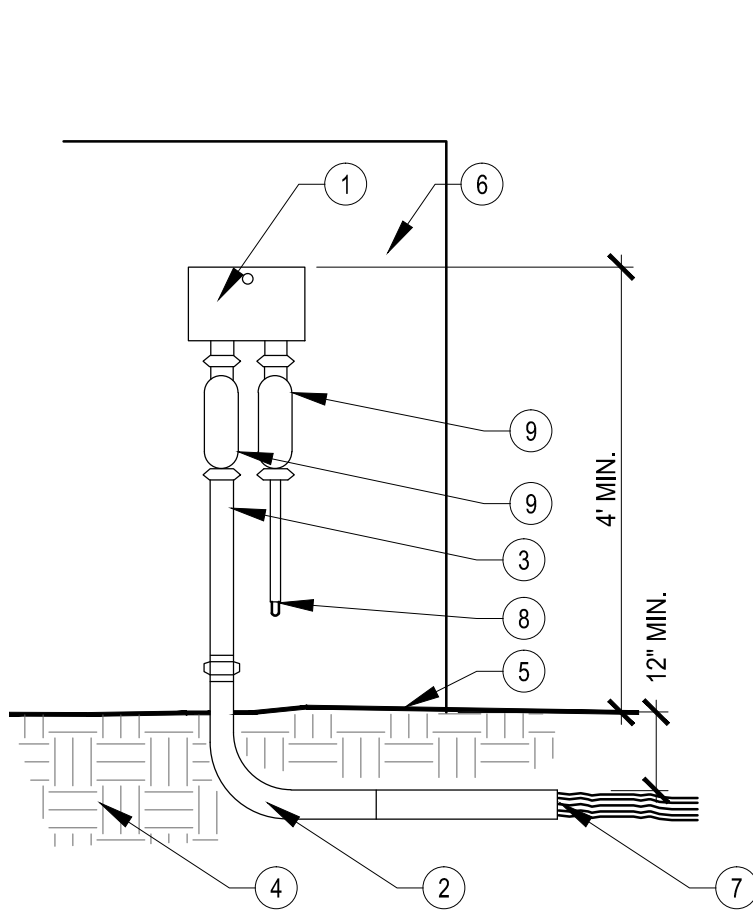
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DETAILS

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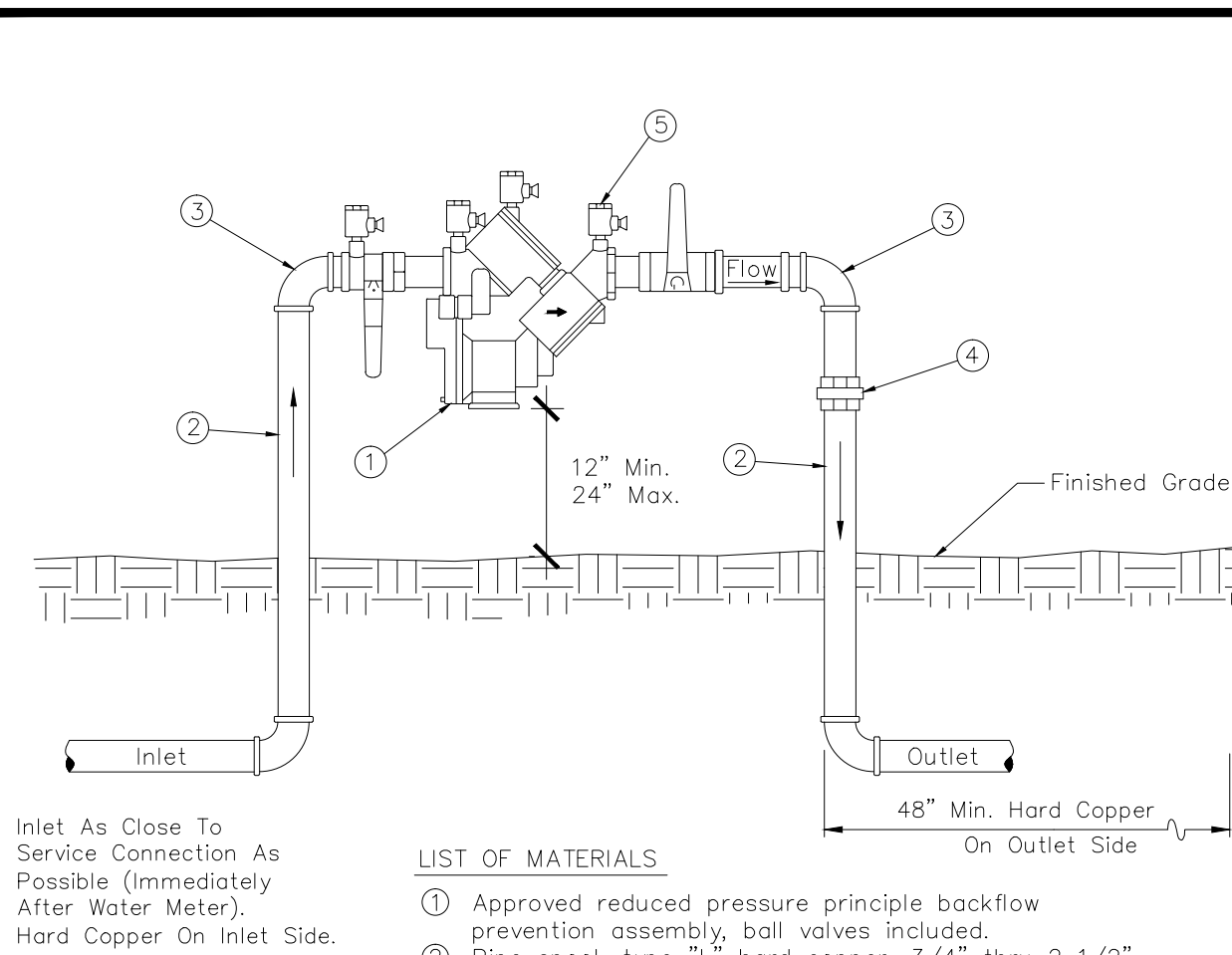
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- 1 WALL MOUNTED CONTROLLER, PROVIDE LOCKING ENCLOSURE. LOCATE PER PLAN.
- 2 PVC SCH 40 ELL SWEEP FOR ELECTRICAL CONDUIT
- 3 STEEL CONDUIT.
- 4 COMPACT SOIL AROUND CONTROLLER CONDUIT TO SAME DENSITY AS UNDISTURBED ADJACENT SOIL.
- 5 FINISH GRADE / TOP OF DG.
- 6 WALL SURFACE.
- 7 CONTROL VALVE WIRES AND SENSOR WIRE FEED.
- 8 120V POWER AND GROUND SOURCE. COORDINATE WITH ELECTRICAL CONTRACTOR.
- 9 J-BOX.

- NOTES:
1. INSTALL WIRING PER LOCAL CODE AND MFG. RECOMMENDATIONS.
 2. PROVIDE LIGHTNING PROTECTION AND GROUNDING FOR CONTROLLER.
 3. PROVIDE LOCK FOR CONTROLLER ENCLOSURE.
 4. PLACE WEATHERPROOF COPY OF CONTROLLER SCHEDULE INSIDE ENCLOSURE.
 5. ALLOW 3 FT. CLEARANCE IN FRONT OF CONTROLLER ENCLOSURE DOOR FOR ACCESS.
 6. PROVIDE WATERPROOF SEALANT FOR ALL CONTROLLER OPENINGS.
 7. PAINT ENCLOSURE PER LEGEND OR OWNER DIRECTION.

REVISED 1/19/12



LIST OF MATERIALS

- 1 Approved reduced pressure principle backflow prevention assembly, ball valves included.
- 2 Pipe spool, type "L", hard copper, 3/4" thru 2 1/2".
- 3 90° ell, copper, 3/4" thru 2 1/2".
- 4 Pipe union, brass or copper.
- 5 Test cocks with brass plugs or adaptors with caps installed. (4 Required)

DETAIL NO. 2354

City of Scottsdale Standard Details

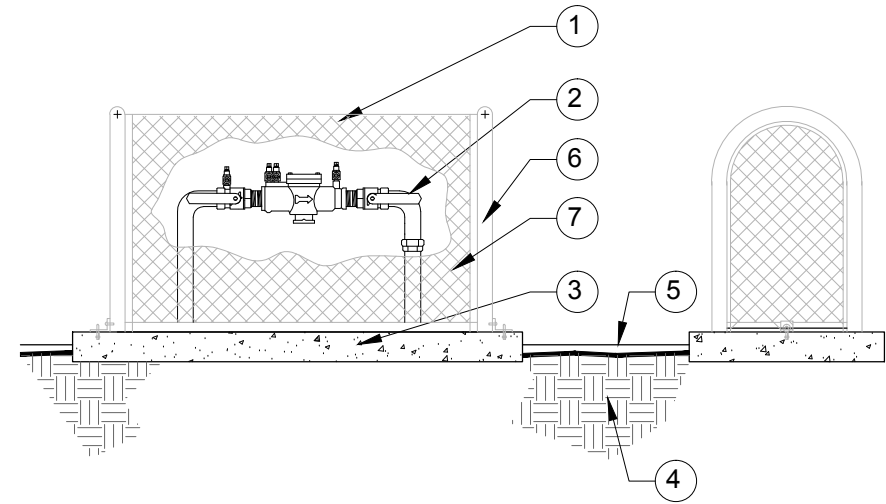
APPROVED BY: Scottsdale Standards & Specifications Committee

REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTION ASSEMBLY FOR ASSEMBLIES 3/4 INCH THRU 2 1/2 INCHES

DETAIL NO. 2354

GENERAL NOTES

1. Backflow assemblies must be tested by a certified tester that is recognized by the City of Scottsdale.
2. Copper fittings shall be connected with lead free solder joints or approved equal.
3. Finished grade underneath the backflow preventer shall be at 95% compaction.
4. All nipples to be copper or brass.
5. Inlet / outlet piping must be type "K" hard copper.
6. Call for underground inspection before backfilling trench.
7. Approvals for backflow assemblies must have Seal Approval from the American Society of Sanitation Engineers. Backflow assemblies installed on fire suppression systems must also have approval from Underwriters Laboratories and/or Factory Mutual Research Corporation.



NOTES:

1. CONCRETE PAD SHALL BE SET PARALLEL W/ GRADE.
2. TEFLON SEAL ALL THREAD JOINTS.
3. SET EYEBOLT WITH BOTTOM OF CIRCLE FLUSH WITH CONCRETE BASE THEN EYEBOLT CANNOT BE TURNED WHEN BRACKET IS IN PLACE.
4. BOLT BRACKET TO ENCLOSURE ON ENDS OR BOTH SIDES. USE 1/4"X 1 1/4" TAMPER-PROOF BOLTS WITH HEX NUTS AND WASHERS PROVIDED.
5. WELD ENCLOSURE SOLID AT ALL JOINTS.
6. TOOL EXPOSED CONCRETE EDGES TO 3/8" RADIUS.
7. MIN. CLEARANCE INSIDE CAGE TO BE 6".

1 CONTROLLER, WALL MOUNT

SCALE: N.T.S.

2

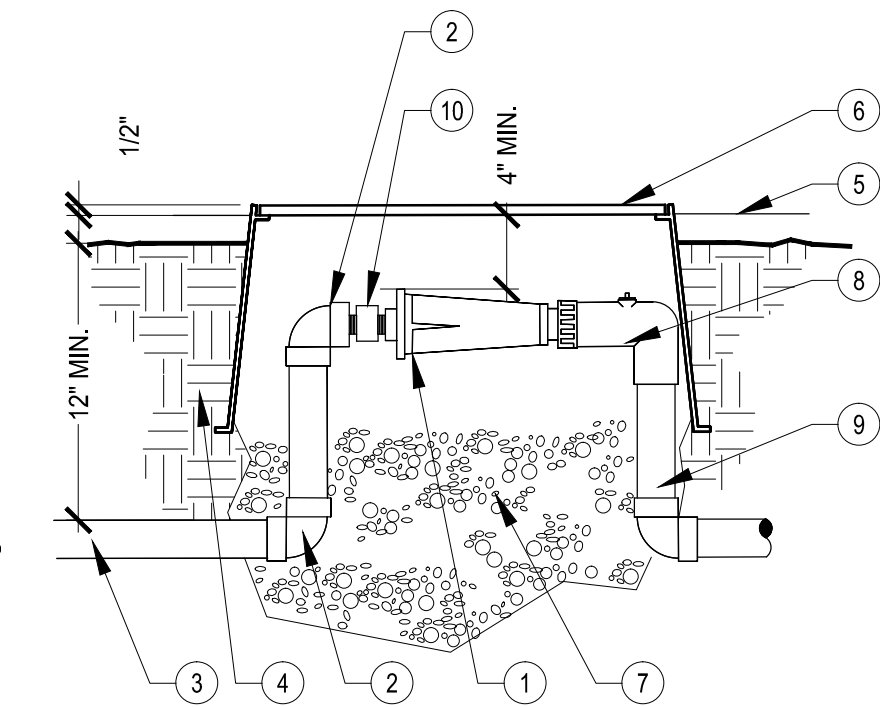
BACKFLOW PREVENTER - CITY OF SCOTTSDALE STANDARD 2354

SCALE: N.T.S.

3

BACKFLOW PREVENTER ENCLOSURE

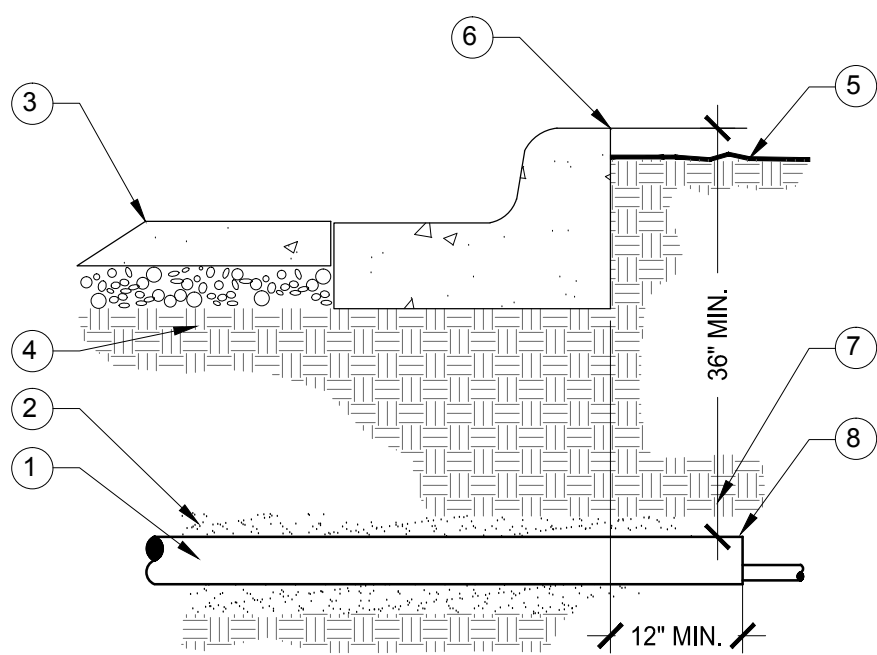
SCALE: N.T.S.



- 1 PRESET PRESSURE REGULATOR, 30 PSI OR PER LEGEND.
- 2 PVC SCH 80 FITTINGS.
- 3 PVC SCH 40 MAINLINE / LATERAL.
- 4 COMPACT SOIL AROUND PRESSURE REGULATOR ASSEMBLY TO SAME DENSITY AS UNDISTURBED ADJACENT SOIL.
- 5 FINISH GRADE / TOP OF DG.
- 6 12" VALVE BOX WITH LOCKING COVER, CARSON, AMETEK, OR APPROVED EQUAL. COLOR TO BE TAN IN DG, GREEN IN TURF.
- 7 3/4" WASHED PEA GRAVEL SUMP, 1 CU. FT. (12"X12"X12") MIN.
- 8 PCV ELL 3/4" HT SWIVEL W/ SCHRADER PRESSURE CHECK VALVE.
- 9 PVC SCH 40 LATERAL OR PER IRRIGATION LEGEND.
- 10 PVC SCH 80 UNION.

NOTE:

1. SET VALVE BOX PARALLEL WITH GRADE.
2. SEAL THREADED JOINTS WITH TEFLON.
3. DO NOT REST VALVE BOX ON MAIN LINE.
4. LOCATE ONLY 1 PRESSURE REGULATOR PER VALVE BOX.
5. PROVIDE SUPPORT BRICKS TO VALVE BOX AS NECESSARY.
6. PROVIDE STAINLESS STEEL FASTENERS FOR LOCKING COVER.



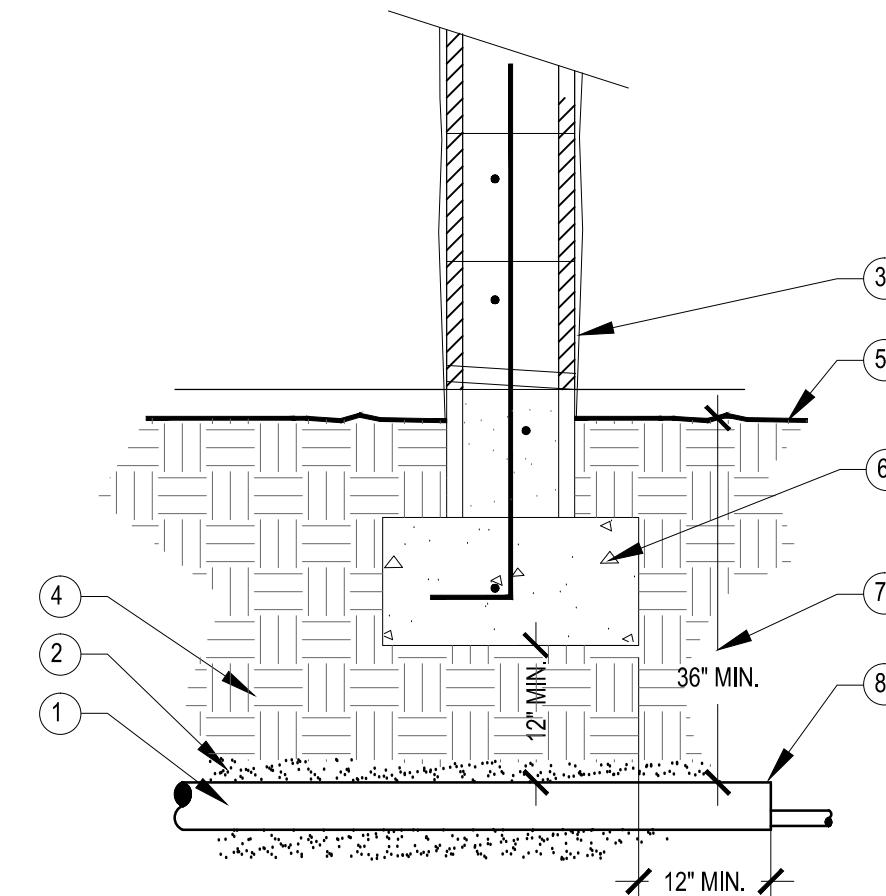
NOTES:

1. CAP SLEEVES UNTIL USE.
2. MULTIPLE SLEEVES REQUIRE 4" SEPERATION WITHIN SAME SLEEVE TRENCH.
3. PROVIDE SEPERATE WATER LINE AND WIRE SLEEVES AS REQUIRED. NO WIRES IN WATER SLEEVES.

5

IRRIGATION SLEEVE

SCALE: N.T.S.



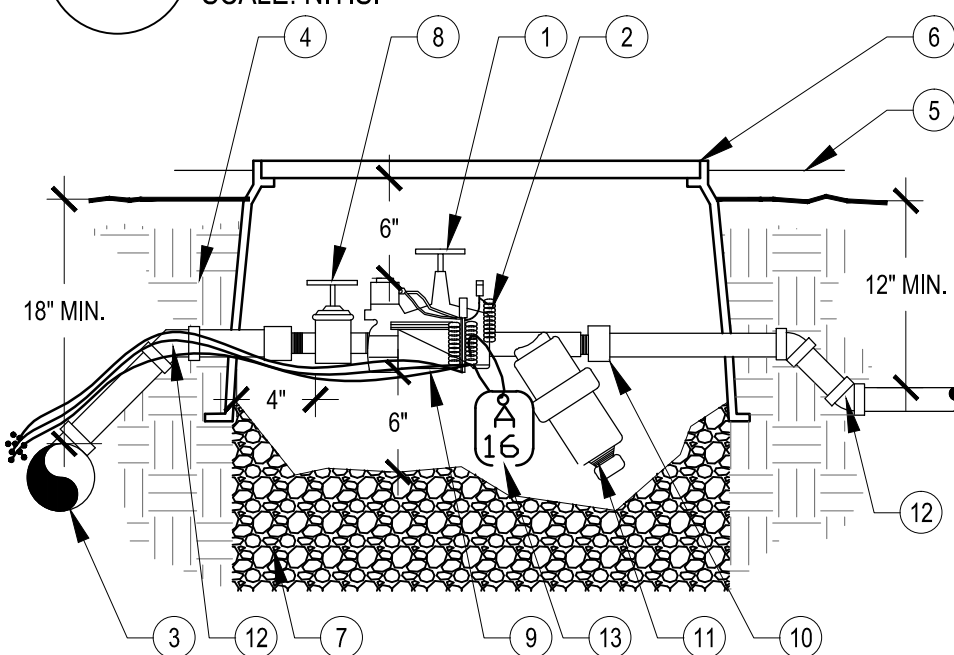
- 1 SCH. 40 PVC SLEEVE, TWICE DIAMETER OF SERVICE PIPE. SEE SLEEVE/PIPE SCHEDULE.
- 2 WASHED AND GRADED MORTAR SAND BACKFILL IN ROCKY SOIL CONDITIONS.
- 3 WALL PER WALL DETAIL.
- 4 COMPACT SOIL AROUND SLEEVE TO SAME DENSITY AS UNDISTURBED ADJACENT SOIL.
- 5 FINISH GRADE / TOP OF DG.
- 6 WALL FOOTING PER WALL DETAIL. DO NOT DISTURB FOOTING OR COMPACTION FOR MINIMUM OF 12" IN ALL DIRECTIONS.
- 7 36" MIN. DEPTH OR PER LOCAL CODE.
- 8 EXTEND SLEEVES 12" BEYOND EDGES.

NOTES:

1. CAP SLEEVES UNTIL USE.
2. MULTIPLE SLEEVES REQUIRE 4" SEPARATION WITHIN SAME SLEEVE TRENCH.
3. PROVIDE SEPERATE WATER LINE AND WIRE SLEEVES AS REQUIRED. NO WIRES IN WATER SLEEVES.

4 PRESSURE REGULATOR - DRIP VALVE

SCALE: N.T.S.



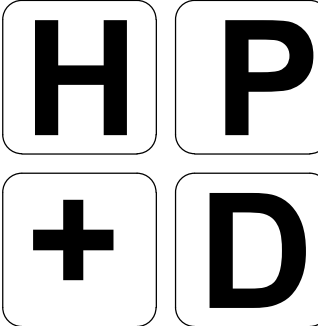
NOTES:

1. PROVIDE EXPANSION COILS AT EACH WIRE CONNECTION IN VALVE BOX. (WRAP WIRE AROUND PIPE 15 TIMES).
2. SET VALVE BOX PARALLEL W/ GRADE.
3. SEAL THREADED JOINTS WITH TEFLON.
4. DO NOT REST VALVE BOX ON MAIN LINE.
5. LOCATE ONLY 1 VALVE ASSEMBLY PER VALVE BOX.
6. PROVIDE SUPPORT BRICKS TO VALVE BOX AS NECESSARY.
7. PROVIDE STAINLESS STEEL FASTENERS FOR LOCKING COVER.

- 1 ELECTRIC REMOTE VALVE PER LEGEND.
- 2 EPOXY FILLED CYLINDER WIRE CONNECTORS.
- 3 PVC SCH 40 MAINLINE.
- 4 COMPACT SOIL AROUND CONTROL VALVE PIT ASSEMBLY TO SAME DENSITY AS UNDISTURBED ADJACENT SOIL.
- 5 FINISH GRADE / TOP OF DG.
- 6 12" VALVE BOX WITH LOCKING COVER, CARSON, AMETEK, OR APPROVED EQUAL. TAN COLOR IN DG, GREEN IN TURF.
- 7 3/4" WASHED PEA GRAVEL SUMP, 2 CU. FT MIN.
- 8 PVC ISOLATION BALL VALVE.
- 9 CONTROLLER WIRE, TAPE AND BUNDLE AT 10" INTERVALS.
- 10 PVC SCH 80 UNION.
- 11 WYE FILTER (#150 MESH) WITH STAINLESS STEEL SCREEN, POSITION TO ONE SIDE AND DOWNWARD.
- 12 PVC SCH 80 FITTINGS.
- 13 VALVE TAG, STANDARD VALVE I.D. AND LETTER TO CORRESPOND TO CONTROLLER AND VALVE NUMBER. AFFIX TO CONTROL WIRE W/ ELECTRICAL WIRE TIE.

7 DRIP VALVE ASSEMBLY

SCALE: N.T.S.



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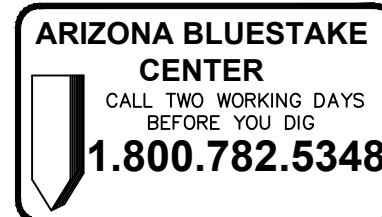
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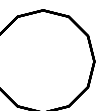
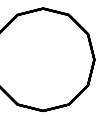
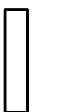



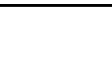
IRRIGATION DETAILS

L4.0
5 of 6

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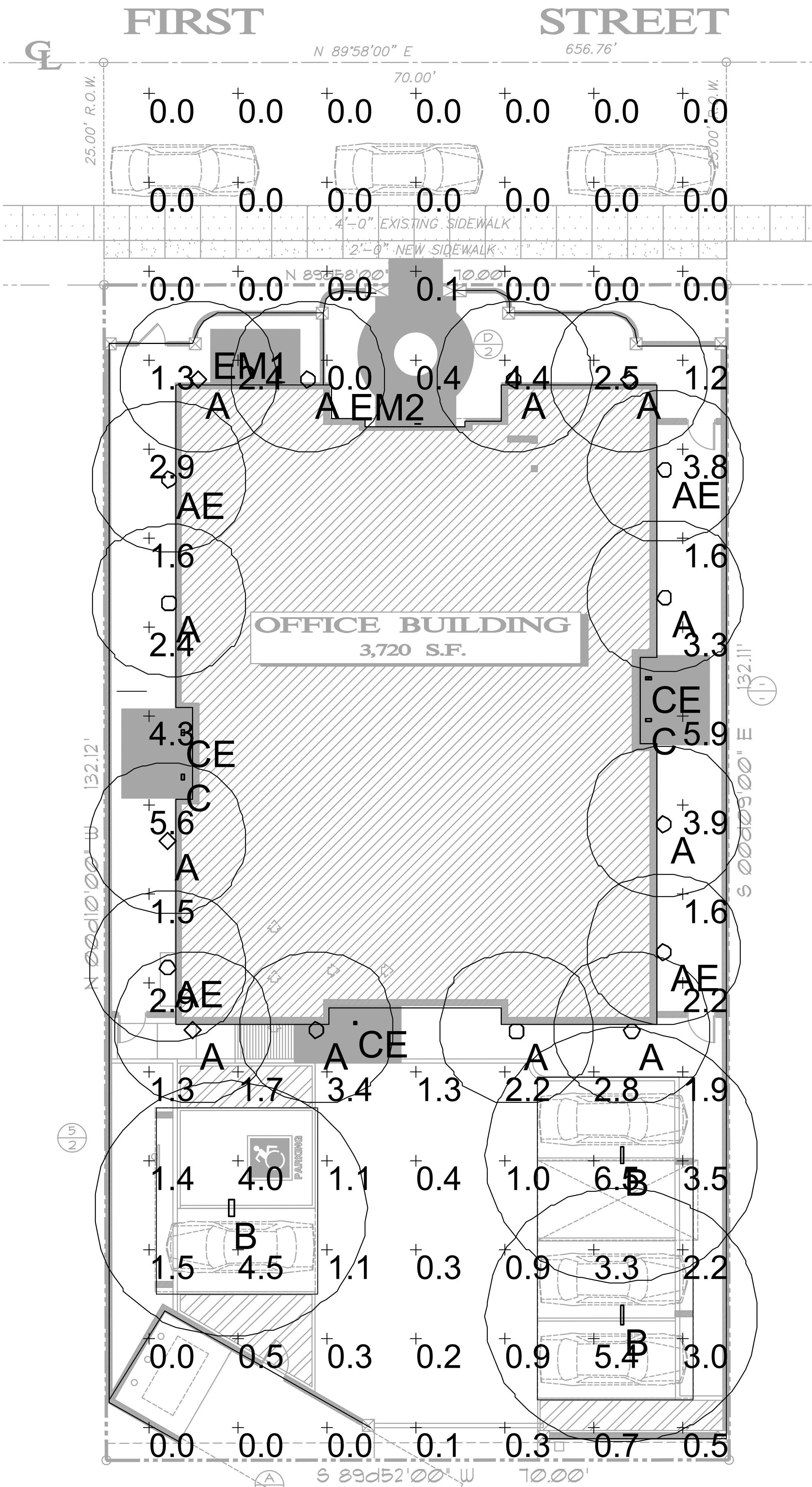


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Schedule											
Symbol	Label	Quantity	Manufacturer	Catalog Number	Description	Lamp	Number Lamps	Filename	Lumens Per Lamp	Light Loss Factor	Wattage
	A	12	WAC Lighting	WS-W1116-BK	Wall Sconces		1	WS-W1110-BK_JESNA2002.ies	500	1	16
	AE	4	WAC Lighting	WS-W1116-BK/CONNECTED TO MICRO INVERTER BY EVENLITE	Wall Sconces		1	WS-W1110-BK_JESNA2002.ies	500	1	16
	B	3	Lithonia Lighting	DMW2 2000LM WD PFL MVOLT 30K 80CRI	DMW2 L24 2000LM WD PFL MVOLT GZ1 30K 80CRI (GLEDS)	LED	1	DMW2_2000LM_WD_PFL_MVOLT_30K_80CRI.ies	1825	1	18.78
	C	2	Lithonia Lighting	LDN6 30/05 LO6AR LD WL	6IN LDN, 3000K, 500LM, 80CRI, CLEAR, MATTE DIFFUSE REFLECTOR	LED	1	LDN6_30_05_LO6AR_LD.ies	544	1	7.57
	CE	3	Lithonia Lighting	LDN6 30/05 LO6AR LD WL EL	6IN LDN, 3000K, 500LM, 80CRI, CLEAR, MATTE DIFFUSE REFLECTOR	LED	1	LDN6_30_05_LO6AR_LD.ies	544	1	7.57
	EM1	1	EELP	ODEL	OVER DOOR MOUNT EM LED	SIX WHITE LEDS	1	21329-MUE10X-T.IES	494	0	10.7
	EM2	1	EELP	OMEL	MULLION MOUNT OVER DOOR EM LED	SIX WHITE LEDS	1	21329-MUE10X-T.IES	494	0	10.7

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
FC @ GRADE	+	1.5 fc	6.5 fc	0.0 fc	N/A	N/A

APPROVED
Stipulation Set
10/22/2019 bmoriarit
DATE APPROVED



PHOTOMETRIC SITE PLAN
1/8" = 1'-0"

PETERSON ASSOCIATES
CONSULTING ENGINEERS, INC.

7201 N. Dreamy Drive
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DATE SIGNED 5/10/19
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7539 East First St. Scottsdale, AZ.

architects & planners
international, inc.

4717 E. mcdowell suite 100 phoenix, arizona 85008 (602) 273-4202

drawn by DEM
date 5/23/2019
job no. 19023

PH1.0
sheet of

CASE NO.: 174-PA-2019 PLAN CHECK NO.: -----

URBAN – model: WS-W11
LED Outdoor Sconce Luminaire

MODERN FORMS



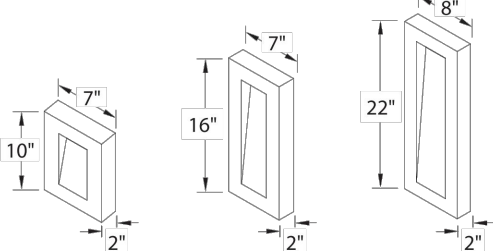
Fixture Type:

A

Catalog Number:

Project:

Location:



PRODUCT DESCRIPTION

Like urban renewal, the Urban sconce gives new life to the conventional step baffle. Form follows function in this simplified indirect wall sconce. Clean styling and robust LED performance are combined in this modern dark sky luminaire.

FEATURES

- ETL & cETL listed for wet locations, IP65
- Interior light and down light
- Low profile design
- Replaceable LED module
- 277V option available special order
- 50,000 hour potential life
- Color Temp: 3000K
- CRI: 85

SPECIFICATIONS

Construction: Aluminum.

Power: No driver or transformer required.

Light Source: High output LED.

Dimming: Dims to 10% with an electronic low voltage (ELV) dimmer.

Mounting: Mounts directly to junction box.

Finish: Black (BK), Bronze (BZ), Graphite (GH), White (WT).

Standards: ETL & cETL listed, ADA compliant, Dark Sky friendly, IP65, Wet location.

ORDER NUMBER

Model	Height	Watt	# of LEDs	LED Lumens	Photometric Lumens	Finish
WS-W11	10"	12W	3	720	370	BK Black
	16"	16W	4	960	490	BZ Bronze
	22"	20W	5	1200	610	GH Graphite
						WT White

Example: WS-W1116-GH
For 277V special order, add an "F" before the finish: WS-W1116F-GH

REPLACEMENT GLASS

Part#	Fixture
RPL-GLA-1122-02	WS-W1122
RPL-GLA-1122-01	
RPL-GLA-1116-02	WS-W1116
RPL-GLA-1116-01	
RPL-GLA-1110-02	WS-W1110
RPL-GLA-1110-01	

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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. AUG 2018



FEATURES & SPECIFICATIONS

INTENDED USE — For areas that require good vertical illumination and excellent glare control at low mounting heights. Ideal for open areas, retail spaces and aisles. **Certain airborne contaminants can diminish the integrity of acrylic and/or polycarbonate. Click here for Acrylic/Polycarbonate Compatibility table for suitable uses.**

CONSTRUCTION — One-piece SVA rated fiberglass housing with integral perimeter channel utilizes continuous poured-in-place NEMA 4K gasket. Simple two-piece design consists of housing and optical assembly to streamline installation process. Polymer latches positively attach to housing and keep from becoming a hindrance during install.

OPTICS — Injection-molded, acrylic lens (.880" thick), provides high impact-resistance comparable to 100% BK. F1 rated for outdoor use, lens resists breaking, yellowing or becoming brittle over time. UV stabilized polycarbonate diffuser available (.880" thick) in clear or frosted for additional impact strength. Polycarbonate lens is recommended for lower mounting heights where vandal protection is desired.

ELECTRICAL — Tool-less one piece optical assembly combines LEDs and lens into one component. Optical assembly easily connects to housing with plug and play harness, eliminating time consuming wiring connections. LED drivers consumes 40 input watts maximum and offers 1% dimming standard. Integral surge protection tested in accordance with IEEE/ANSI C62.41.2 to industrial standards 60V/3kA, LPS at 60,000 hours.

INSTALLATION — Two piece design makes installations faster than ever by simplifying wiring connections. Power connection is easily accommodated through pre-drilled holes at each end, optional wet location fittings available for maximum flexibility.

Stainless steel (#316) surface spring-mounting brackets with ball wires standard (2 included) allow for ceiling, wall or suspended mount.

Swivel stem(provided by others) when pendant mounting. Factory installed junction box option accommodates up to 4K4 sized boxes and includes integrated gasket to maintain wet location listings. Quick Mount Rocket (QMR) ships installed on fixture and is recommended for fastest surface mount install, ideal for end-to-end installations or larger jobs.

LISTINGS — CSA Certified to UL and C-UL standards for ambient temperatures ranging from -40°F (-40°C) to 104°F (40°C) (see Operational Data chart for actual temperature rating per lumen package). F1 rating makes luminaire suitable for wet locations without covered ceilings. NEMA 4K rated. IP ratings: IP65 and IP66 rated, 1000 PSI hose-down.

NSF listed for Splash Zone II.

DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/DLC to confirm which versions are qualified.

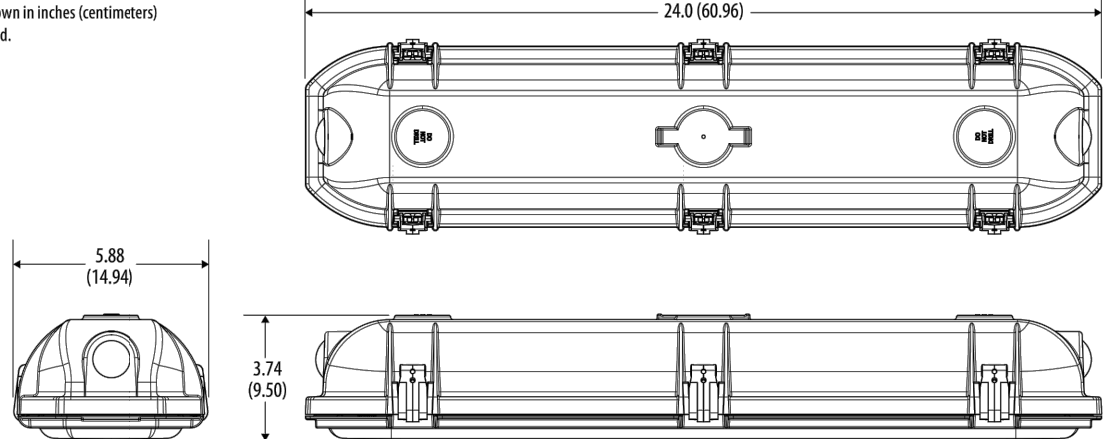
WARRANTY — 5 year limited warranty. Complete warranty terms located at: www.aacuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Ambient temperatures that exceed 104°F (40°C) will result in reduced life and will void warranty.

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

DIMENSIONS

All dimensions are shown in inches (centimeters) unless otherwise noted.



PHOTOMETRICS

Please see www.lithonia.com

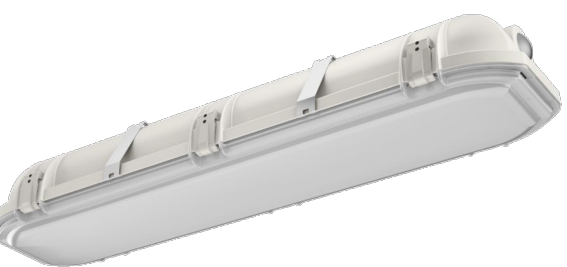
INDUSTRIAL

DMW2

Catalog Number	
Notes	
Type	B

LED Enclosed and Gasketed

DMW2



Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning.

All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency

This luminaire is part of an A+ Certified solution for nLight® or XPoint™ Wireless control networks marked by a **shaded background***

To learn more about A+, visit www.aacuitybrands.com/aplus.

*See ordering tree for details



FEATURES & SPECIFICATIONS

INTENDED USE — Typical applications include corridors, lobbies, conference rooms and private offices.

CONSTRUCTION — Galvanized steel mounting/plate frame; galvanized steel junction box with bottom-hinged access covers and spring latches. Reflectors are retained by torsion springs.

Vertically adjustable mounting brackets with commercial bar hangers provide 3-3/4" total adjustment. Two combination 1/2-3/8" and four 1/2" knockouts for straight-through conduit runs. Capacity: 8 #14s, 4 out. No. 12 AWG conductors, rated for 90°C.

Accommodates 12"-24" joist spacing.

Passive cooling thermal management for 25°C standard; high ambient (40°C) option available. Light engine and drivers are accessible from above or below ceiling.

Max ceiling thickness 1-1/2".

OPTICS — LEDs are binned to a 3-step SDCM, 80 CRI minimum.

LED light source concealed with diffusing optical lens.

General illumination lighting with 1.0 S/MH and 55° cutoff to source and source image.

Self-flanged anodized reflectors in specular, semi-specular, or matte diffuse finishes. Also available in white and black painted reflectors.

ELECTRICAL — Multi-volt (120-277V, 50/60Hz) 0-10V dimming drivers mounted to junction box, 10% or 1% minimum dimming level available.

0-10V dimming fixture requires two (2) additional low-voltage wires to be pulled.

70% lumen maintenance at 50,000 hours.

LISTINGS — Certified to US and Canadian safety standards. Dump location standard (wet location, covered ceiling optional). ENERGY STAR® certified product.

WARRANTY — 5 year limited warranty. Complete warranty terms located at: www.aacuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Note: Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

30/ 3000K	10 1000 lumens	30 3000 lumens	LW6 Wallwash	WR ¹ White	LD Matte diffuse	120 120V
35/ 3500K	15 1500 lumens	40 4000 lumens		BR ² Black	LS Specular	277 277V
40/ 4000K	20 2000 lumens	50 5000 lumens				347 ³ 347V
50/ 5000K						

Driver	Options
GE70 0-10V driver dims to 10% GE71 0-10V driver dims to 1% EZ70 0-10V eLED driver with smooth and flicker-free dimming performance down to 10% EZ71 0-10V eLED driver with smooth and flicker-free deep dimming performance down to 1% E70NCP E70NCP NPP160P NPP160P	Single fuse White painted flange Black painted flange Emergency battery pack with integral test switch. Not Certified in CA Title 20 MAEDBS Emergency battery pack with remote test switch. Not Certified in CA Title 20 MAEDBS Emergency battery pack with self-diagnostics, integral test switch. Not Certified in CA Title 20 MAEDBS Emergency battery pack with self-diagnostics, remote test switch. Not Certified in CA Title 20 MAEDBS Emergency battery pack, 10W Constant Power with integral test switch. Certified in CA Title 20 MAEDB Emergency battery pack, 10W Constant Power with integral test switch. Certified in CA Title 20 MAEDB nLight® network power/relay pack with 0-10V dimming for non-eLED drivers (GE70, GE71). nLight® network power/relay pack with 0-10V dimming for non-eLED drivers (GE70, GE71). ER controls features on emergency circuit.
	N80/ NPSB02P NPSB02P HAQ® CP® WL RRL NLTAR2+ NLTAR2+ USPOM
	nLight® Lumen Compensation nLight® dimming pack controls 0-10V eLED drivers (EZ70, EZ71). nLight® dimming pack controls 0-10V eLED drivers (EZ70, EZ71). ER controls features on emergency circuit. High-ambient option Chicago Plenum Wet Location, specify for exterior use applications RELOC® ready luminaire connectors enable a simple and consistent factory installed option across all ABL luminaire boards. Refer to RRL for complete nomenclature. Available only in RRLA, RRLB, RRLAE, and RRLC125. nLight® Air enabled nLight® Air Dimming Pack Wireless Controls. Controls features on emergency circuit US point of manufacture

Accessories: Order as separate catalog number.

EAC/CSM 325	Compact interchangeable emergency AC power system
EAC/CSM 125	Compact interchangeable emergency AC power system
GRAB8 IZ	Over-sized trim ring with 8" outside diameter ¹
SC46	Sloped ceiling adapter. Refer to TECH-SCA for more options.

Notes

- 1 Overall height varies based on lumen package; refer to dimensional chart on page 3.
- 2 Not available with finishes.
- 3 Not available with emergency options.
- 4 Must specify voltage 120V or 277V.
- 5 Available with clear (AR) reflector only.
- 6 Specify voltage. ER for use with generator supply EM power. Will require an emergency test feed and neutral test feed. Features begins at 80% light level. Must be specified with NPSB02P or NPSB02P-ER. Only available with EZ70 and EZ71 drivers.

- 8 Not available with CA: NPSB02P, NPSB02P-ER, NPP160, NPP160P or NLTAR2.
- 9 NLTAR2 and NLTAR2-ER not recommended for metal ceiling installations.
- 10 Fixture height is 6.5" for all lumen packages with HAQ.
- 11 Must specify voltage for 3000lm, 5000lm with marked spacing 24" L x 24" W x 14" H. Not available with emergency battery pack option.

DOWNLIGHTING

LDN6



Model ODEL
Over-Door LED Emergency Light

HOUSING

- Decorative, low-profile, architectural design for over-door and other exterior locations
- Full 90° cutoff
- Die cast housing
- Sealed diffuser lens
- Stainless steel hardware
- Wall or ceiling mount applications
- Mounts over standard 4" J-Box
- Available in white or aluminum finish

ELECTRICAL

- Dual voltage 120/277VAC
- Solid state charging and switching
- Brownout protection
- Overload and short circuit protection
- AC power indicator and test switch

LAMPS

- Supplied with ultra-bright LED strip

BATTERY

- Maintenance-free NiCad battery standard
- Battery will operate fixture for a minimum of 90 minutes in the event of a power outage
- Recharge time 24 hours
- Battery low voltage disconnect (LVD)
- Operating Temperature: -20°C - 40°C

CODE COMPLIANCE

- ETL Listed for Wet Locations
- IP66 Listed
- Meets UL924 Requirements
- NFPA 101 Life Safety Code compliant
- NEC and OSHA compliant
- Made in USA

WARRANTY

- 5 year warranty

ORDERING INFORMATION

MODEL	WATTAGE	MOUNTING	OPERATION	COLOR	OPTIONS
ODEL	10W	C - Ceiling W - Wall	EM - Battery Backup	BA - Brushed Aluminum W - White B - Bronze CC - Custom Color	SD - Self Diagnostics SW - Security Lighting with Controls Switch SW-SD - Security Lighting and Diagnostics CW1 - Custom Window Color Filter 3800 CW1 - Custom Window Color Filter 3200

MODEL	WATTAGE	MOUNTING	OPERATION	COLOR	OPTIONS

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Specifications and dimensions subject to change without notice.

ODEL 12032014



Model OMEL
Mullion Mount LED Emergency Light

HOUSING

- Decorative, low-profile, architectural design
- Designed to mount directly on mullion beams with a vertical surface as small as 2"
- Full 90° cutoff
- Extruded aluminum housing with stainless steel hardware
- Dark bronze housing standard
- White satin, and aluminum housings also available

ELECTRICAL

- Dual voltage 120/277VAC
- Solid state charging and switching
- Brownout protection
- Battery low voltage disconnect (LVD)
- Overload and short circuit protection
- AC power indicator and test switch

LAMPS

- Supplied with ultra-bright LED strip

BATTERY

- Maintenance-free NiCad battery standard
- Includes remote power source (RPS)
- Battery will operate fixture for a minimum of 90 minutes in the event of a power outage
- Recharge time 24 hours

CODE COMPLIANCE

- UL924 Listed for Wet Locations
- IP66 Listed
- NFPA 101 Life Safety Code compliant
- NEC and OSHA compliant
- Made in USA

WARRANTY

- 5 year warranty

ORDERING INFORMATION

MODEL	WATTAGE	MOUNTING	OPERATION	COLOR	OPTIONS
OMEL	10W	C - Ceiling W - Wall	EM - Battery Backup	BA - Brushed Aluminum W - White B - Bronze CC - Custom Color	SD - Self Diagnostics SW - Security Lighting with Controls Switch SW-SD - Security Lighting and Diagnostics CW1 - Custom Window Color Filter 3800 CW1 - Custom Window Color Filter 3200 CPY1 - Canopy 2" Ht CPY1 - Canopy 5" Ht TD - 20 Minute Time Delay

MODEL	WATTAGE	MOUNTING	OPERATION	COLOR	OPTIONS

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Specifications and dimensions subject to change without notice.

OMEL 03312016



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