

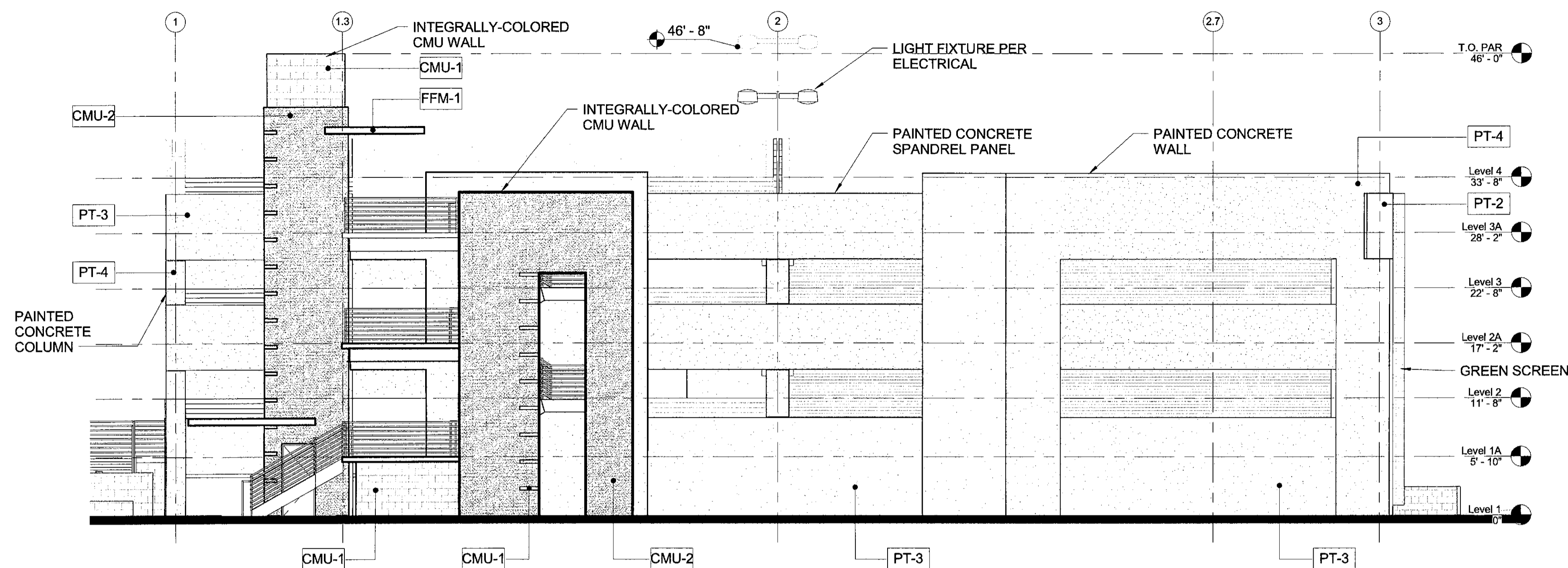
Full Size or Largest Size
(site plan, landscape, elevations)

MATERIAL LEGEND

MARK	MANUFACTURER	PRODUCT
CMU-1	Superlite	Integrally-Colored Smooth CMU, Color: Umber Brown
CMU-2	Superlite	Integrally-Colored Split-Face CMU, Color: Autumn Brown
FFM-1	Atas	Pre-Finished Metal - 04 Chocolate Brown
PT-1	Dunn Edwards	Painted Metal: DE6042 "Bear in Mind", LRV 7
PT-2	Dunn Edwards	Painted Concrete: DE6084 "Roxy Brown" LRV 11
PT-3	Dunn Edwards	Painted Concrete: DE6075 "Wood Lake", LRV 24
PT-4	Dunn Edwards	Painted Concrete: DEC719 "Coral Clay" LRV 42

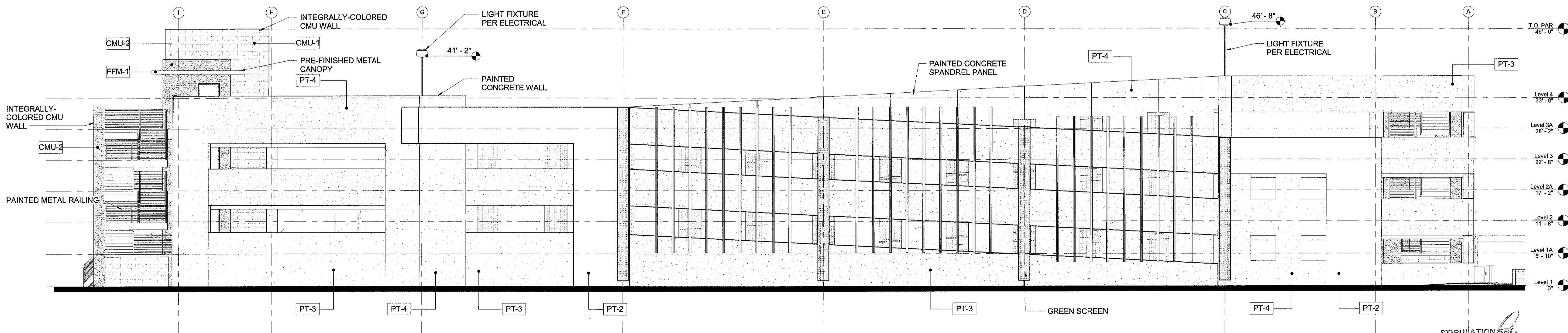
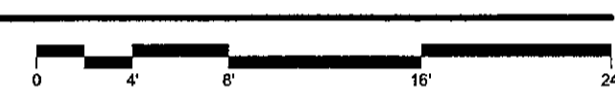
GENERAL NOTES

- A. All elevator enclosures to have roof drain with internal roof drain leaders.
- B. All canopies to have 1/8" per foot slope and shed onto garage deck.
- C. All garage decks to have internal area drains.
- D. No scuppers will be included in this project.



1 East Elevation

1/8" = 1'-0"



2 North Elevation

1/8" = 1'-0"



STIPULATION SET
RETAIN FOR RECORDS
APPROVED

1-15-2017
DATE

[Signature]
DATE

10/19/16

Wentworth Properties

A5.06

DFDG Project No. 1613
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CONSTRUCTION
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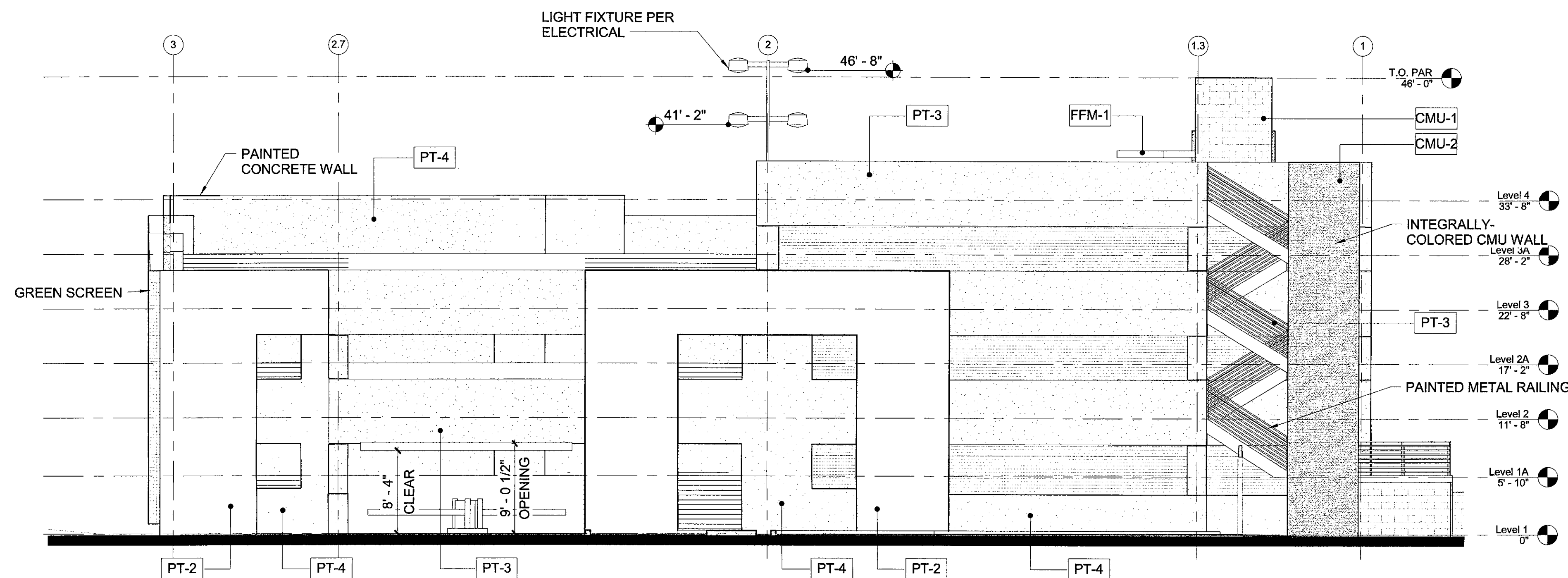
68-DR-2000#5
12/22/2016

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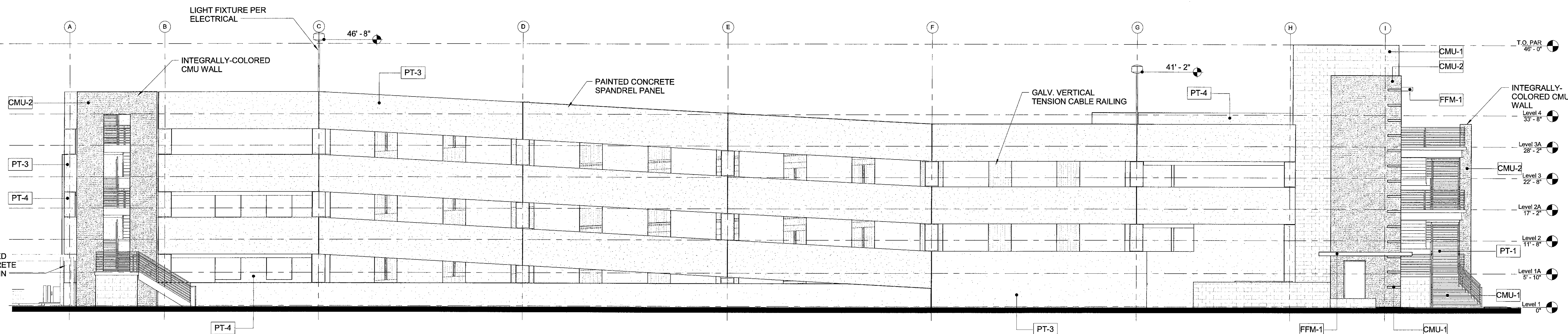
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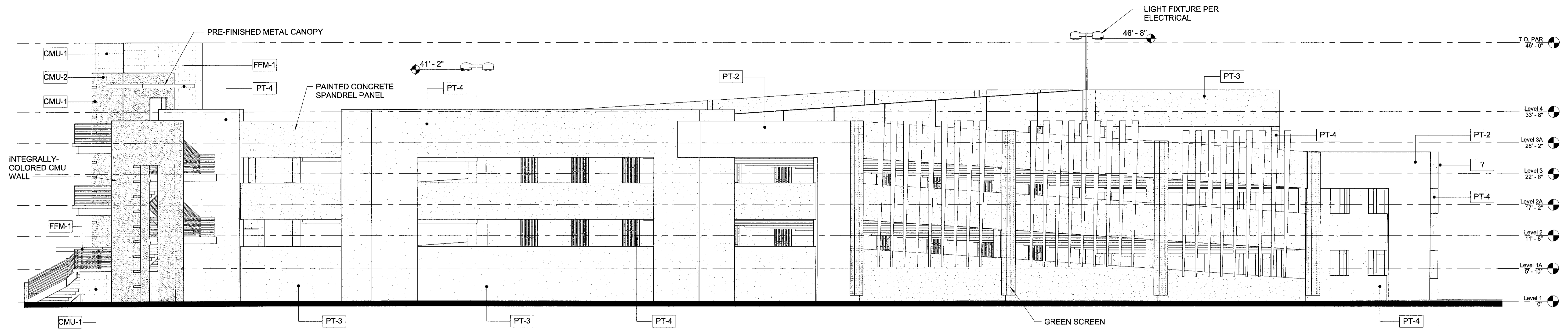


2 South Elevation

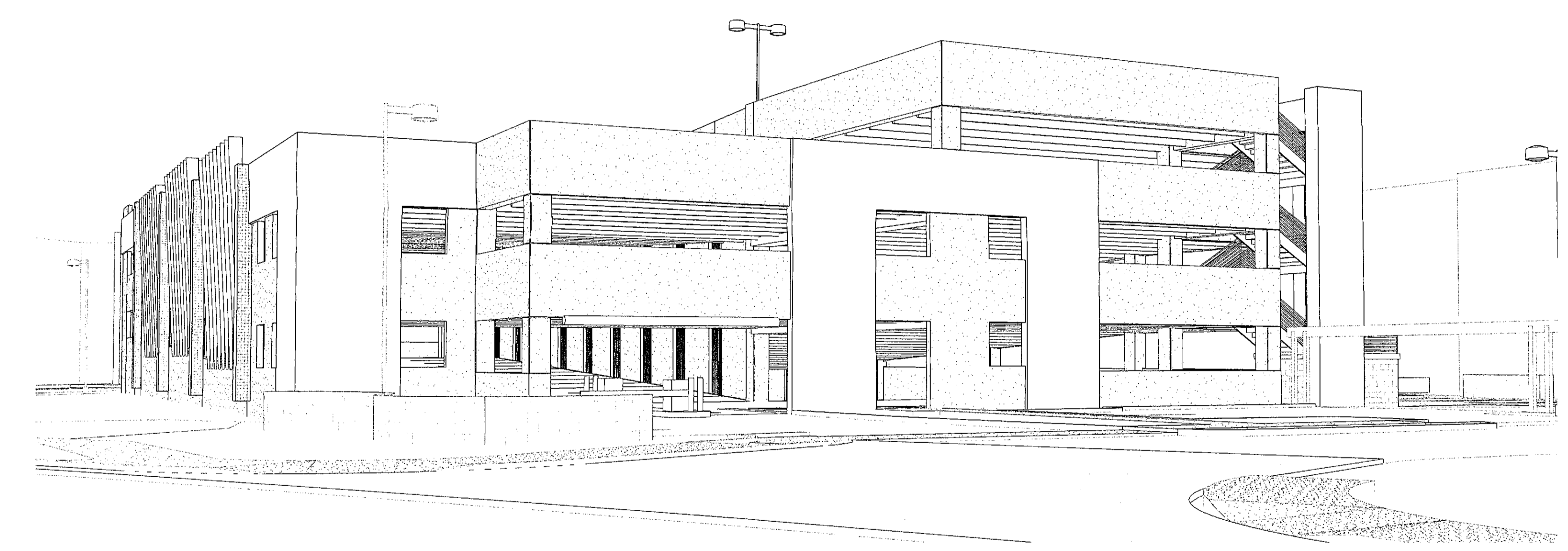
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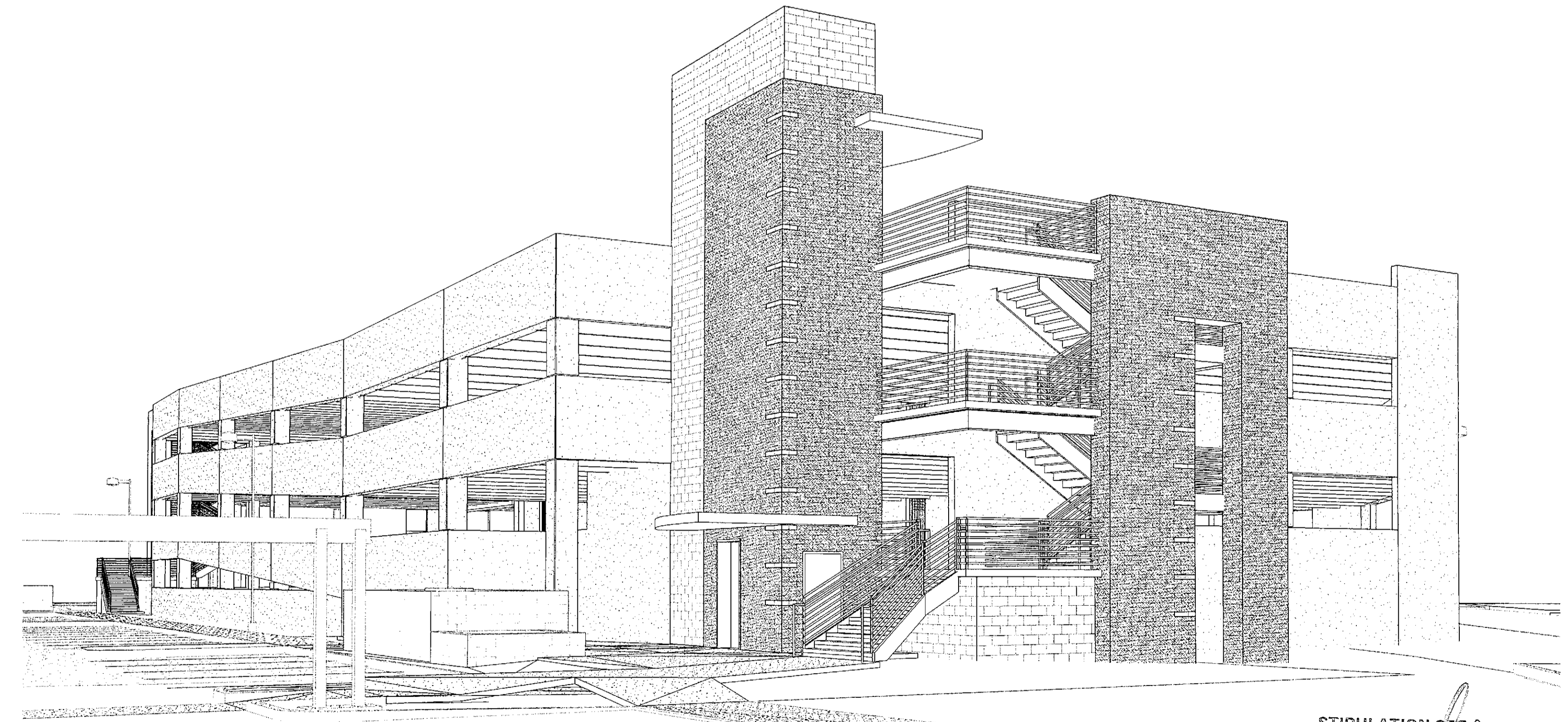
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1 Northeast Elevation
1/8" = 1'-0"



2 View From Street



3 View From Parking Lot

MATERIAL LEGEND

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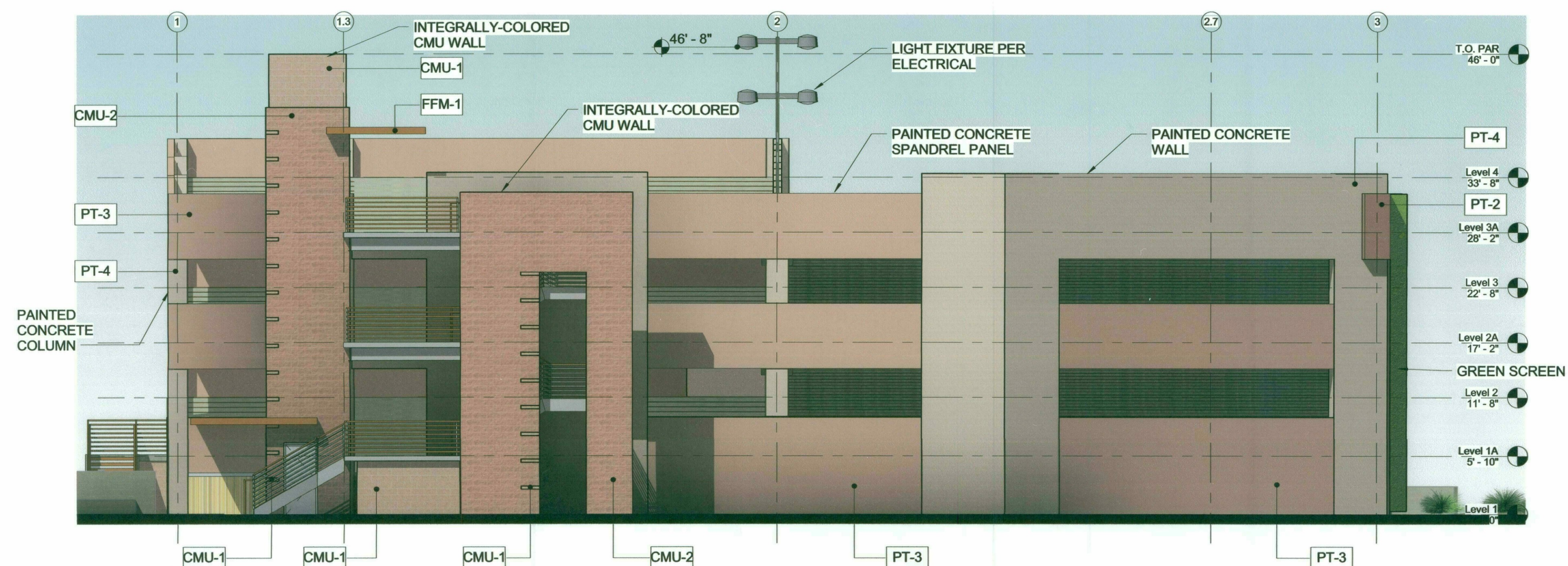
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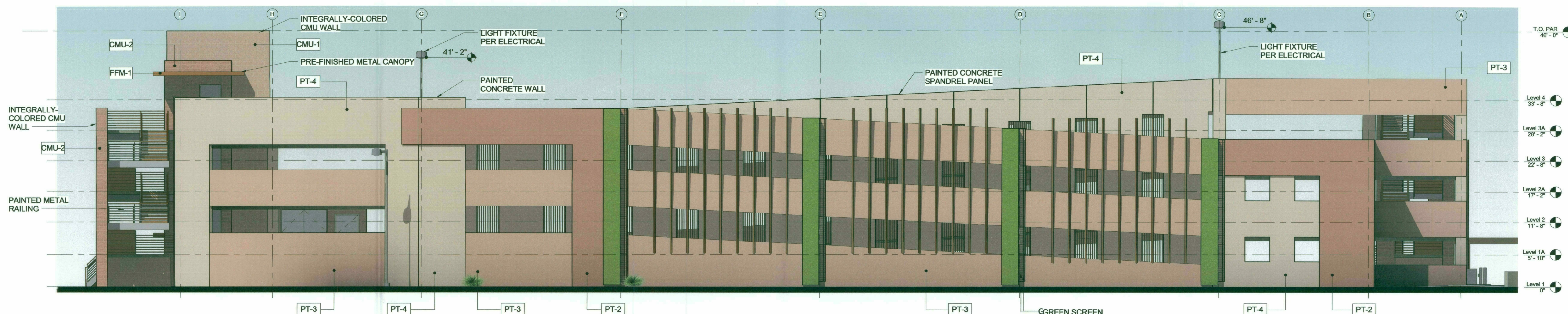
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1/8" = 1'-0"



2 North Colored Elevation
1/8" = 1'-0"

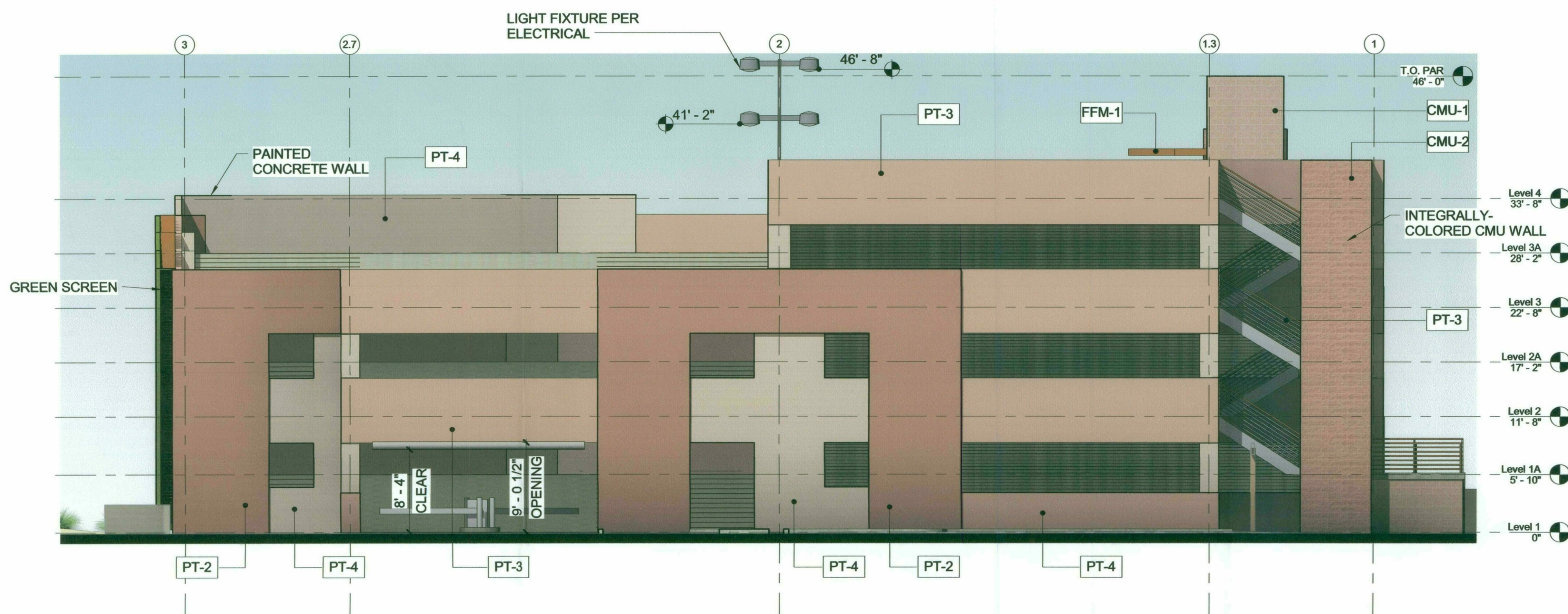
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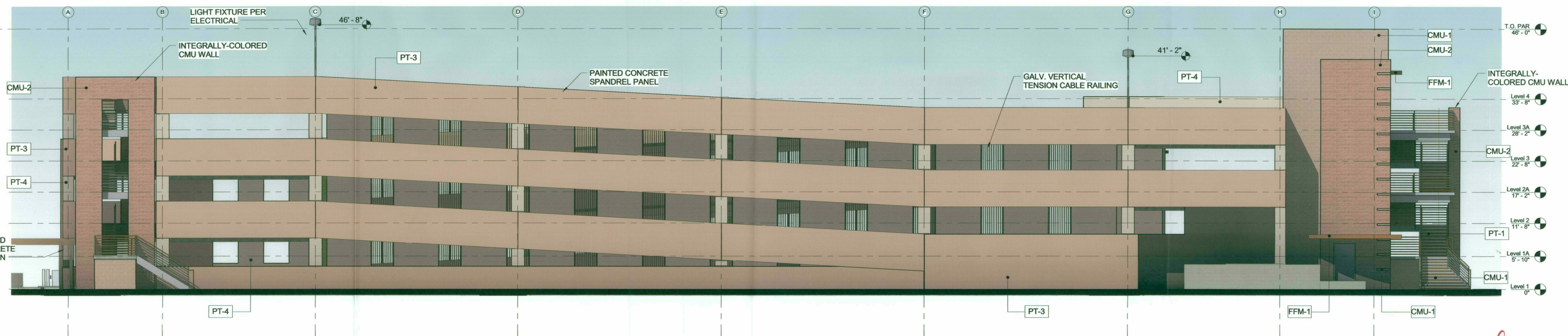
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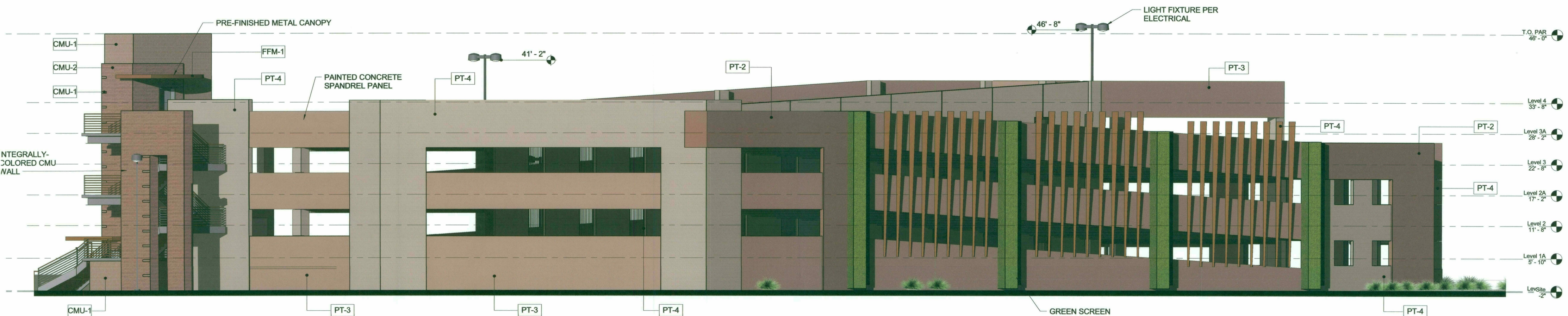


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1/8" = 1'-0"

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2 View From Street



3 View From Parking Lot

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ELECTRICAL SPECIFICATION

PERMITS AND FEES

MAKE APPLICATION AND PAY FOR PERMITS AND INSPECTIONS REQUIRED BY MUNICIPAL AND STATE AUTHORITIES.

ELECTRICAL DRAWINGS

DRAWINGS ARE DIAGRAMMATIC AND OUTLET LOCATIONS ARE APPROXIMATE. REFER TO MECHANICAL AND STRUCTURAL PLANS REGARDING AVAILABLE SPACE AND CHECK FIELD CONDITIONS BEFORE MAKING ELECTRICAL INSTALLATIONS. CIRCUIT OUTLETS AS INDICATED ON THE DRAWINGS, MAKING REVISIONS ONLY WITH THE EXPRESS CONSENT OF THE ARCHITECT.

SHOP DRAWINGS

SUBMIT SIX COPIES OF A DESCRIPTIVE BROCHURE FOR ALL LIGHTING FIXTURES AND DETAILED SHOP DRAWINGS OF PANEL, SERVICE ENTRANCE/DISTRIBUTION PANEL OR OTHER SPECIALLY FABRICATED EQUIPMENT TO THE ARCHITECT. NO SUCH EQUIPMENT SHALL BE MANUFACTURED UNTIL APPROVED BY THE ENGINEER AND WHERE APPLICABLE, THE SERVING UTILITY.

OBSERVATIONS

THE WORK WILL BE OBSERVED FOR COMPLIANCE WITH DRAWINGS AND SPECIFICATIONS BY THE OWNER'S REPRESENTATIVE.

MATERIAL AND WORKMANSHIP

SHALL COMPLY WITH CURRENT ELECTRICAL AND MECHANICAL ENGINEERING PRACTICES. THE CURRENT ADDITION IN FORCE OF THE NATIONAL ELECTRICAL CODE AND ALL LOCAL CODES SHALL GOVERN ALL WORK. PROVIDE NEW, STANDARD PRODUCTS LISTED BY UL. SIMILAR ITEMS OF MATERIAL SHALL BE OF THE SAME TYPE AND MANUFACTURE. ALL EXPOSED CONDUIT AND DEVICES SHALL BE TRUE TO LINE, PLUMB, AND ADEQUATELY SECURED IN PLACE. ALL WIRING DEVICES, FIXTURES, AND PANELBOARDS SHALL BE PROTECTED FROM MOISTURE, PLASTER AND DUST DURING STORAGE AND BUILDING CONSTRUCTION.

EXISTING SERVICES AND REMODEL AREAS

THIS CONTRACTOR SHALL MAINTAIN ALL SERVICES, POWER, SOUND, TELEPHONE, ETC., TO EXISTING BUILDINGS OR AREAS. ANY INTERRUPTIONS OF SERVICES REQUIRED FOR "CUT-OVER" OR CONNECTIONS OF NEW CABLES, ETC., SHALL BE DONE AT A TIME THAT IS CONVENIENT TO THE OWNER AND SHALL BE APPROVED IN WRITING PRIOR TO THE INTERRUPTION.

ALL SERVICES TO EXISTING BUILDING THAT ARE INTERRUPTED OR DISCONNECTED BY THE NEW CONSTRUCTION SHALL BE REPLACED, ANY OUTLETS, SWITCHES, RECEPTACLES, ETC., THAT ARE DISCONNECTED OR REMOVED BY THE CONSTRUCTION OR REMODELING SHALL BE RECONNECTED AND/OR REPLACED.

GROUNDING

PROVIDE GROUNDING CONDUCTOR IN ALL RACEWAYS. SIZE SHALL BE AS INDICATED ON DRAWINGS IN ACCORDANCE WITH THE NEC AND ALL LOCAL CODES. BOND THE INTERIOR WATER PIPE SYSTEM TO THE MAIN ELECTRICAL GROUNDING SYSTEM.

CONDUIT

ALL WIRES (EXCEPT LOW VOLTAGE CONTROL CABLE) SHALL BE RUN IN EMT CONDUIT UNLESS NOTED OTHERWISE. MINIMUM CONDUIT SIZE SHALL 3/4" EXCEPT FOR LIGHTING WHIPS WHICH SHALL BE 1/2" MINIMUM.

TYPE MC CABLE MAY BE USED FOR BRANCH CIRCUITS WHERE HIDDEN IN WALLS AND FOR LIGHTING WHIPS.

RIGID GALVANIZED STEEL CONDUIT (RIGSC) SHALL BE USED IN CONCRETE, WHERE SUBJECT TO DAMAGE, AND IN UNDERGROUND LOCATIONS. RIGSC INSTALLED UNDERGROUND SHALL BE ENCASED IN TWO INCH MINIMUM CONCRETE ENVELOPE OR COMPLETELY COVERED WITH HALF-LAPPED #50 SCOTCH-WRAP OR TWO COATS OF KOPPERS BITUMASTIC. TOP OF UNDERGROUND CONDUITS SHALL NOT BE LESS THAN 24".

PVC CONDUIT, UL LISTED, MAY BE USED FOR UNDERGROUND SECTIONS OF ELECTRICAL RACEWAYS. UNDERGROUND TO ABOVE GRADE TRANSITION ELBOWS SHALL BE RIGID GALVANIZED STEEL AND WRAPPED AS IN PARAGRAPH ABOVE.

THIN-WALL EMT SHALL BE EQUIPPED WITH COMPRESSION OR SET SCREW COUPLINGS AND T & B INSULINERS CONNECTORS.

ALL CONDUIT SHALL BE RIGIDLY SUPPORTED WITH DURABLE STRAPS AND HANGERS AT INTERVALS NOT TO EXCEED SIX FEET. COUPLINGS, CONNECTORS, AND LOCKNUTS SHALL BE TIGHTLY SECURED TO PROVIDE ELECTRICAL CONTINUITY OF GROUNDING.

OUTLET BOXES

GALVANIZED STEEL BOXES AT LEAST 1-1/2" DEEP AND 4" SQUARE SHALL BE PROVIDED IN FINISHED AREAS FOR EACH WALL SWITCH, RECEPTACLE, TELEPHONE AND LIGHTING FIXTURE LOCATION. BOXES SURFACE MOUNTED IN DRY LOCATIONS MAY BE 4 X 2 SIZE PROVIDING NOT MORE THAN FIVE WIRES ENTER.

WIRING DEVICES

CONVENIENCE RECEPTACLES AND GROUND FAULT INTERRUPTER RECEPTACLE, 20 AMPS, 125 VOLT GROUNDING TYPE. SINGLE-POLE AND THREE-WAY SWITCHES SHALL BE 120V, 20A AND HAVE COVER PLATES THAT MATCH RECEPTACLES. TELEPHONE WALL OUTLETS SHALL BE EQUIPPED WITH ONE-HOLE WALL PLATES; COLOR TO MATCH RECEPTACLES. APPROVED MANUFACTURERS: HUBBELL, COOPER, PASS AND SEYMOUR, LEVITON.

WIRE AND CABLE

CONDUCTORS SHALL BE SOFT DRAWN COPPER, WITH THW OR THHN/THWN 600V INSULATION EXCEPT WHERE OTHERWISE SPECIFIED OR INDICATED. WIRE SHALL BE #12 AWG MINIMUM EXCEPT LOW-VOLTAGE CONTROL WIRE MAY BE #16 PLASTIC INSULATED.

CONDUCTORS SHALL BE THE PRODUCT OF AN APPROVED MANUFACTURER SUCH AS CABELC, GENERAL CABLE, HATFIELD, OKONITE, ROME, OR SOUTHWIRE; COLOR-CODED WITH MAKE, TYPE AND SIZE LEGIBLY AND DURABLY MARKED ON COVERING AT FREQUENT INTERVALS.

PANELBOARDS

PANELBOARDS SHALL BE BOLT-ON TYPE, WITH THERMAL MAGNETIC, QUICK-BREAK, QUICK-MAKE, FULL SIZE BREAKERS AND SPARES AS INDICATED ON THE DRAWINGS; EQUIVALENT TO SQUARE D, TYPE NQDD OR NF. COVERS SHALL BE DOOR-IN-DOOR TYPE.

FRONTS OF CABINETS SHALL BE FLUSH OR SURFACE MOUNTED AS SHOWN ON DRAWINGS WITH A DIRECTORY CARD NEATLY TYPED OR PRINTED WHICH IDENTIFIES THE LOADS SERVED. EXTERIOR PANELS SHALL HAVE RAIN-TIGHT ENCLOSURES EQUIPPED WITH LOCK.

MANUFACTURERS SHALL BE SQUARE D, GENERAL ELECTRIC, CUTLER-HAMMER, SIEMENS.

SAFETY SWITCHES

SHALL BE NEMA, HEAVY DUTY, QUICK-MAKE, QUICK-BREAK. SWITCHES EXPOSED OUTDOORS SHALL HAVE NEMA 3 RAIN-TIGHT ENCLOSURES.

MANUFACTURERS SHALL BE SQUARE D, GENERAL ELECTRIC, CUTLER-HAMMER OR SIEMENS.

FUSES

SHALL BE BUSSMAN FUSETRON, DUAL-ELEMENT AND LOW-PEAK TYPES OR TYPE INDICATED ON DRAWINGS. PROVIDE THREE SPARE FUSES OF EACH TYPE AND RATING USED TO THE OWNER AS SPARES.

LUMINAIRES

PROVIDE LUMINAIRES COMPLETE WITH LAMPS, BALLASTS, MOUNTING DEVICES, TRIM RINGS, CEILING ADAPTORS, LENSES AND OTHER OPTIONS AS INDICATED ON DRAWINGS. LAMPS SHALL BE GE, OSRAM/SYLVANIA, PHILIPS OR APPROVED EQUIVALENT. BALLASTS SHALL BE OSRAM/SYLVANIA, ADVANCE, MOTOROLA, UNIVERSAL OR APPROVED EQUIVALENT.

MOTOR AND CONTROL WIRING

PROVIDE WIRE TO AND CONNECT MOTORS INDICATED ON THE DRAWINGS WHICH ARE NOT PRE-WIRED BY THE SUPPLIER OF THE EQUIPMENT.

CONTROL WIRING AND CONDUIT FOR HVAC RELATED EQUIPMENT SHALL BE FURNISHED AND INSTALLED BY THE MECHANICAL CONTRACTOR.

IDENTIFICATION

PROVIDE ENGRAVED PLASTIC LABELS FOR NEW ELECTRICAL PANELS AND CABINETS. LABELS SHALL BE BLACK LETTERS ON A WHITE BACKGROUND. EMERGENCY SYSTEM LABELS SHALL BE WHITE LETTERS ON A RED BACKGROUND. ATTACH WITH MACHINE SCREWS OR SELF TAPPING SCREWS WITH TIPS FILED FLAT. PROVIDE WARNING TAPE IN TRENCHES FOR SERVICE ENTRANCE AND PANEL FEEDERS. LABEL EACH CABINET, PULL BOX, JUNCTION BOX AND OUTLET BOX WITH SOURCE AND CIRCUIT NUMBER.

AS-BUILT DRAWINGS

MAINTAIN ONE SET OF PRINTS ON THE JOB SHOWING LOCATIONS OF UNDERGROUND CONDUITS AND DUCTS. PROVIDE THE ARCHITECT WITH ONE SET OF SUCH "AS-BUILTS" ACCURATE, NEAT AND LEGIBLE DRAWINGS UPON COMPLETION OF THE WORK.

GUARANTEE

THE CONTRACTOR SHALL GUARANTEE ALL MATERIAL FURNISHED BY HIM AND ALL WORKMANSHIP UNDER THIS CONTRACT FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE OF WORK UNDER THIS CONTRACT. ANY DEFECTS DEVELOPING WITHIN THIS PERIOD, TRACEABLE TO MATERIAL FURNISHED AS A PART OF THIS CONTRACT OR WORKMANSHIP PERFORMED HEREUNDER, SHALL BE MADE GOOD PROMPTLY AT THIS CONTRACTOR'S EXPENSE.

THIS CONTRACTOR SHALL ACCEPT THIS CONDITION AND FULLY UNDERSTAND ITS PROVISIONS PRIOR TO THIS CONTRACT BEING AWARDED AND NO CLAIM FOR EXTRA COMPENSATION WILL BE ALLOWED FOR CORRECTION OF FAULTY WORK OR REPLACING DEFECTIVE MATERIAL.

END OF SECTION

ELECTRICAL LEGEND

SYMBOL	DESCRIPTION
LIGHTING	
	SURFACE MOUNTED STRIP FLUORESCENT LUMINAIRE
	COVE LIGHTING
	WALL WASH LUMINAIRE
	RECESS OR SURFACE MOUNTED CAN LUMINAIRE
	WALL MOUNTED LUMINAIRE
	EMERGENCY LUMINAIRE/NIGHT LIGHT
	ILLUMINATED EXIT SIGN. ARROW INDICATES DIRECTION OF EGRESS. SHADING INDICATES NUMBER AND DIRECTION OF FACES ON UNSWITCHED CIRCUIT.
	EMERGENCY LIGHT WITH BATTERY BACK-UP ON UNSWITCHED CIRCUIT.
	POLE MOUNTED LUMINAIRE. NUMBER OF LUMINAIRE HEADS AS NOTED ON PLANS.
	SWITCH (* INDICATES DEVICE) a = LOWER CASE TEXT INDICATES EQUIPMENT BEING CONTROLLED NO TEXT = SINGLE POLE 3 = 3 WAY 4 = 4 WAY D = DIMMER SWITCH
POWER	
	SINGLE RECEPTACLE
	DUPLEX RECEPTACLE
	ABOVE COUNTER OR BACKSPLASH MOUNTED RECEPTACLE
	FOURPLEX RECEPTACLE
	HALF SWITCHED DUPLEX RECEPTACLE
	FLUSH FLOOR MOUNTED OUTLET. DEVICE AS INDICATED.
	CLOCK OUTLET. 85" ABOVE FINISHED FLOOR TO CENTERLINE OR AS NOTED.
	SPECIAL RECEPTACLE (FOR VOLTAGE AND RATING TYPE SEE DRAWINGS)
	SURFACE MOUNTED RACEWAY; MULTI-OUTLET ASSEMBLY.
	JUNCTION BOX
	MOTOR OUTLET
	FUSED DISCONNECT SWITCH. NF INDICATES NON-FUSED.
	120/208V PANELBOARD. SURFACE OR FLUSH MOUNTED PER PANELBOARD SCHEDULE.
	TRANSFORMER
	TELEPHONE MOUNTING BOARD WITH #6 COPPER GROUND
	TIME CLOCK
	EQUIPMENT CONNECTION
	QUANTITY RUN TO PANEL OR LOCATION NOTED. CROSS MARKS DENOTE QUANTITY OF #12 AWG COPPER CONDUCTORS, UNLESS NOTED OTHERWISE. LONG CROSSMARK DENOTES NEUTRAL CONDUCTOR. ALL CONDUIT RUNS SHALL INCLUDE AN INSULATED GREEN CODE GAUGE GROUNDING CONDUCTOR (NOT SHOWN).
	WIRE/CONDUIT TURNED UP
	WIRE/CONDUIT TURNED DOWN
	CIRCUIT CONTINUATION
	CONDUIT STUB-OUT WITH CAP CIRCUIT
	CONDUIT RUN BELOW GRADE OR FLOOR SLAB
	CONDUIT RUN CONCEALED IN CEILING OR WALL
	CONDUIT RUN EXPOSED
COMMUNICATION SYSTEMS	
	DATA OUTLET
	VOICE OUTLET
	COMBINATION VOICE AND DATA OUTLET
	FLUSH FLOOR MOUNTED OUTLET. DEVICE AS INDICATED.
	TELEVISION OUTLET

SYMBOL	DESCRIPTION		
ONE LINE DIAGRAM			
	TRANSFORMER		
	400A/3P 275AT CIRCUIT BREAKER WITH FRAME SIZE/NUMBER OF POLES AND TRIP SETTING		
	200A 3P DISCONNECT SWITCH WITH DISCONNECT SIZE AND NUMBER OF POLES		
	200A LPS-R FUSE WITH FUSE SIZE AND TYPE		
	METER		
	CURRENT TRANSFORMER		
	BOLTED CONNECTION		
	GROUND CONNECTION		
	PANELBOARD WITH MAIN LUGS ONLY		
	PANELBOARD WITH MAIN CIRCUIT BREAKER		
	400A4 EQUIPMENT FEEDER SIZE (SEE FEEDER SCHEDULE)		
ABBREVIATIONS			
ABBREV	DESCRIPTION	ABBREV	DESCRIPTION
A, AMP	AMPERE	LBS	POUNDS
AC	ALTERNATING CURRENT	MAX	MAXIMUM
AIC	AMPERAGE INTERRUPTING CAPABILITY	MCA	MINIMUM CIRCUIT AMPACITY
AFF	ABOVE FINISH FLOOR	MCB	MAIN CIRCUIT BREAKER
AFG	ABOVE FINISH GRADE	MECH	MECHANICAL
AL	ALUMINUM	MFR	MANUFACTURER
ATS	AUTOMATIC TRANSFER SWITCH	MH	MANHOLE
BLDG	BUILDING	MIN	MINIMUM
CB	CIRCUIT BREAKER	MLD	MAIN LUGS ONLY
CKT	CIRCUIT	MTD	MOUNTED
CLG	CEILING	N	NEW EQUIPMENT TO MATCH EXISTING OR AS SPECIFIED
CT	CURRENT TRANSFORMER	N/A	NOT APPLICABLE
CU	COPPER	NC	NORMALLY CLOSED
DISC	DISCONNECT	NEUT	NEUTRAL
DN	DOWN	NF	NON-FUSED
DWG	DRAWING	NIC	NOT IN CONTRACT
E	EXISTING EQUIPMENT TO REMAIN	NO	NORMALLY OPEN
EA	EACH	NO. OR #	NUMBER
EC	EMPTY CONDUIT	NTS	NOT TO SCALE
EDF	ELECTRIC DRINKING FOUNTAIN	PH OR Ø	PHASE
ELEC	ELECTRIC OR ELECTRICAL	PLBG	PLUMBING
EM	EMERGENCY	PVC	POLYVINYL CHLORIDE
EMT	ELECTRICAL METALLIC TUBING	R	NEW LOCATION OF RELOCATED EQUIPMENT
EQUIP	EQUIPMENT	RECEPT	RECEPTACLE
ER	EXISTING EQUIPMENT TO BE RELOCATED	REF	REFERENCE
EXIST	EXISTING	REQD	REQUIRED
FA	FIRE ALARM	REV	REVISION
FBO	FURNISHED BY OTHERS	RM	ROOM
FLA	FULL LOAD AMPS	SCHED	SCHEDULE
FLR	FLOOR	SES	SERVICE ENTRANCE SECTION
GEN	GENERATOR	SPEC	SPECIFICATION
GFI	GROUND FAULT CIRCUIT INTERRUPTER	SW	SWITCH
GND, G	GROUND FAULT PROTECTION	SWBD	SWITCHBOARD
GRS	GALVANIZED RIGID STEEL CONDUIT	SYS	SYSTEM
HOA	HAND OFF AUTOMATIC	TMB	TELEPHONE MOUNTING BOARD
HP	HORSEPOWER	TSTAT	THERMOSTAT
HZ	HERTZ	TYP	TYPICAL
IG	ISOLATED GROUND	UG	UNDERGROUND
IMC	INTERMEDIATE METALLIC CONDUIT	UNO	UNLESS NOTED OTHERWISE
J-BOX, JB	JUNCTION BOX	UPS	UNINTERRUPTABLE POWER SUPPLY
KVA	KILOVOLT-AMPERES	V	VOLT
KW	KILOWATT	VFD	VARIABLE FREQUENCY DRIVE
LTG	LIGHTING	W	WATT
		WP	WEATHERPROOF
		X	EXISTING EQUIPMENT TO BE REMOVED
		XP	EXPLOSION PROOF
		XFMR	TRANSFORMER

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4545 East McKinley Street
Phoenix, Arizona 85008
Telephone 602.954.9060
Fax 602.954.6954
www.dfdg.com

ELECTRICAL LEGEND AND SPECIFICATIONS

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7.14.16
Wentworth Properties
E101

Recessed wall luminaires - shielded

Housing: Die-cast aluminum with integral wiring compartment. Die castings are marine grade, copper free (0.3% copper content) A380.0 aluminum alloy.

Enclosure: One-piece die-cast aluminum (aluminum), 1/2" thick, tempered glass, clear with white translucent ceramic coating. Facuplate is secured by four (4) socket head, stainless steel, captive screws through into stainless steel inserts in the housing casting. Continuous high temperature O-ring gasket for weather tight operation.

Electrical: 37.9W LED luminaire, 43 total system watts, 30°C start temperature, integral 120V through 277V electronic LED driver, 0-10V dimming, LED module(s) are available from factory for easy replacement. Standard LED color temperature is 3000K with an 85 CRI. Available in 4000K (85 CRI); add suffix K4 to order. Note: LEDs supplied with luminaire. Due to the dynamic nature of LED technology, LED luminaire data on this sheet is subject to change at the discretion of BEGA US. For the most current technical data, please refer to www.bega-us.com.

Finish: All BEGA standard finishes are polyester powder coat with minimum 3 mil thickness. Available in four standard BEGA colors: Black (BLK), White (WHT), Bronze (BRZ), Silver (SLV). To specify, add appropriate suffix to catalog number. Custom colors supplied on special order.

CSA certified to U.S. and Canadian standards, suitable for wet locations. Protection class IP65.

Weight: 8.3 lbs.

Luminaire Lumens: 621

Type: BEGA Product: Project: Voltage: Color: Options: Modified:

Photometric Filename: 22267.ies

TEST: NA
TEST LAB: BEGA
DATE: 03/02/2015
LUMINAIRE: 22 267
LAMP: 37.9W LED

All results in accordance with IESNA LM-79-08

Characteristics
IES Classification
Longitudinal Classification
Lumens Per Lamp
Total Lamp Lumens
Luminaire Lumens
Downward Total Efficiency
Total Luminaire Efficiency
Luminaire Efficacy Rating (LER)
Total Luminaire Watts
Ballast Factor
Upward Waste Light Ratio
Max. Cd.
Max. Cd. (<90 Vert.)
Max. Cd. (At 90 Deg. Vert.)
Max. Cd. (80 to <90 Deg. Vert.)
Cutoff Classification (deprecated)

Type I
Very Short
N.A. (absolute)
N.A. (absolute)
621
N.A.
N.A.
14
43
1.00
0.04
922.8 (0H, 20V)
922.8 (0H, 20V)
35.5 (6.7% Lum)
60 (9.7% Lum)
N.A. (absolute)

Lum. Classification System (LCS)
LCS Zone
Lumens
% Lamp
% Lum

FL (0-30) 164.8 N.A. 26.5
FM (30-60) 352.2 N.A. 56.7
FH (60-80) 66.9 N.A. 10.8
FVH (80-90) 12.1 N.A. 1.9
BL (0-30) <0.05 N.A. 0.0
BM (30-60) <0.05 N.A. 0.0
BH (60-80) 0.0 N.A. 0.0
BVH (80-90) <0.05 N.A. 0.0
UL (60-100) 8.4 N.A. 1.4
UH (100-180) 16.3 N.A. 2.6
Total 620.7 N.A. 100.0
BUG Rating B0-U2-G1

Mounting Height = 2 ft. Grid Spacing = 2 ft.

In the interest of product improvement, BEGA reserves the right to make technical changes without notice.

BEGA 1000 Bega Way, Carpinteria, CA 93013 (805)804-0533 Fax: (805)966-9474 www.bega-us.com © Copyright BEGA-US 2016 1/27/2016

LUMINAIRE SCHEDULE									
MARK	MANUFACTURER	CATALOG NO.	MOUNTING	VOLTS	LAMP	INITIAL LUMENS	LIGHT LOSS FACTOR (LLF)	DESCRIPTION	
L1	BEGA	22267 BLK	RECESSED	277	LED INCLUDED	620	.85	RECESSED FULL CUTOFF WALL FIXTURE	
L2	KIM	STS3P70/40L4K277/XXX	POLE	277	LED INCLUDED	7754	.85	LED POLE MOUNTED FIXTURE	
S1	RELOCATED	RELOCATED - TYPE 4 DISTRIBUTION	POLE	277	(1) 400W PSMH	42,000	0.7	RELOCATED POLE MOUNTED FIXTURE ON NEW CONCRETE BASE.	
S2	KIM	2B/STL4/400PMH277/TSN	POLE	277	(1) 400W PSMH	42,000	0.7	DOUBLE HEAD POLE MOUNTED FIXTURE WITH TENSION ROD ON NEW CONCRETE BASE. FIXTURE SPECIFIED TO MATCH EXISTING ON SITE. CONTRACTOR TO VERIFY PRIOR TO PURCHASE.	

ALTERNATES NOTE:
FIRST MANUFACTURE AND ASSOCIATED CATALOG NUMBER SHOWN INDICATES BASIS OF DESIGN. ALTERNATE MANUFACTURERS ARE SHOWN BY NAME ONLY. LUMINAIRE SUBMITTED AS ALTERNATES SHALL MATCH SIZE, PERFORMANCE, AND MATERIALS OF THE DESIGN BASE. ALTERNATES WILL BE SUBJECT TO FINAL DRAWING REVIEW FOR FINAL ACCEPTANCE.

1 SCALE: N.T.S. FIXTURE TYPE 'L1'

KIM LIGHTING STS Structural Small PicoPrism™ LED
9/15/14 • kl_stplred_spec.pdf

Type: Approvals:
Job: Date: Page: 1 of 9
Catalog number: Page: 1 of 9

Specifications
40 Light Emitting Diodes
44 total System Watts for 350mA
92 total System Watts for 700mA
Maximum Weight = 45 lbs.

Housing: One-piece die-cast, low copper (<0.6% Cu) aluminum alloy with integral cooling fins on top surfaces above the optical chamber and electrical compartment. A solid barrier wall separates the optical and electrical compartments, with gasketed wire penetrations. A double-thick wall with gaskets is provided on the support arm mounting end. All hardware is stainless steel.

Frame: One-piece die-cast, low copper (<0.6% Cu) aluminum alloy with a 1" minimum thickness around the gasket flange for rigidity. Integral hinges with stainless steel pins provide no-tool mounting and removal from the housing. Two stainless steel thumb-latches are recessed into the front corners, concealed from normal view. Frame seals against the housing by a one-piece extruded silicone gasket with vulcanized end closure.

Electronic Module: All electrical components are UL and CSA recognized, mounted on a single plate and factory pre-wired with quick-disconnect plugs. Module includes a driver, thermal control device and surge protector. Electrical module attaches to housing with mechanical hinges and latches, accessible by opening the frame only. Driver is rated for 40E starting.

Optical Module: Precision IP66 replaceable PicoPrism™ modules are positioned to achieve directional control toward desired task. The entire light engine fastens to the housing as a one-piece module.

Dimming: Driver has a 0-10V dimming interface with a dimming range of 10-100%. Approved dimmers include Lutron Diva AVTV, Lutron Nova NTFV and NTFV. Note: Not compatible with current sourcing dimmers.

Support Arm: One-piece extruded aluminum with internal bolt guides. Luminaire-to-pole attachment is by internal draw bolts, and includes a pole reinforcing plate with wire strain relief. For mounting to round poles, arm is circular cut for precise mating to the pole diameter.

Finish: Each luminaire receives a fade and abrasion resistant, electrostatically applied, thermally cured, hydrophobic, isocyanate (TLC) polyester powdercoat finish. Standard colors include (BL) Black, (DB) Dark Bronze, (WHT) White, (PS) Platinum Silver, (SG) Stealth Gray, (LG) Light Gray, and (CC) Custom Color (include RA#).

Listed to: UL 1598 Standard for Luminaires - UL 8750 Standard for Safety for Light Emitting Diode (LED) Equipment for use in Lighting Products and CSA C22.2 250.0 Luminaires. RoHS compliant. Meets Ray American provisions within ABMA.

Warranty: Kim Lighting warrants Structural LED products ("Products") sold by Kim Lighting to be free from defects in material and workmanship for (i) a period of five (5) years for metal parts, (ii) a period of ten (10) years for exterior housing paint finishes, (iii) a period of six (6) years for LED Light Engines (PicoPrism™ and, (iv) a period of five (5) years for LED power components (LED Drivers, LightShield™ device), from the date of sale of such goods to the buyer as specified in Kim Lighting shipment documents for each product. Occupancy sensors, surge protection, dimmers and relay wiring components are covered by the manufacturer's warranty.

CAUTION: Fixtures must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury/personal injury.

U.S. Patents D439,695; D440,704; D440,705; D441,130; D465,302S; D474,965 S

KIM LIGHTING RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE

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2 SCALE: N.T.S. FIXTURE TYPE 'L2'

KIM LIGHTING STS Structural Small PicoPrism™ LED
9/15/14 • kl_stplred_spec.pdf

Type: Approvals:
Job: Date: Page: 2 of 9

Standard Features

Mounting: 3SV is available for round poles only.

Plan View: EPA: 1.1 2.2 1.5 2.6 2.6 2.7 ---
Cat. No.: 1SA 2SB 2SL 3ST 3SY 4SC 1W

Fixture: Cat. No. designates fixture and optic.

Housing Size: STS

Distribution: 1 = Type I, 2 = Type II, 3 = Type III, 4 = Type IV, 5 = Type V, L = Type L Left, R = Type R Right

Optic: P = PicoPrism™

Current: 35 = 350 mA, 70 = 700 mA

Light Distribution: Type I, Type II, Type III, Type IV, Type V, Type R Right, Type L Left

Electrical Module: Cat. Nos. for Electrical Modules available: 40L xK xxx

Source: 40L = 40 LEDs

Voltage: 120 = 120V, 208 = 208V, 240 = 240V, 277 = 277V, 347 = 347V, 480 = 480V

Color Temperature: 2K = 5800w - Amber, 3K = 3000K, 4K = 4200K, 5K = 5100K

120V through 277V is a variable driver.

Finish: TKC powdercoat

Color: Black, Dark Bronze, Light Gray, Stealth Gray, Platinum Silver, White, Custom Color
Cat. No.: BL, DB, LG, SG, PS, WH, CC

Custom colors subject to additional charges, minimum quantities and extended lead times. Consult representative. Custom color description.

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KIM LIGHTING STS Structural Small PicoPrism™ LED
9/15/14 • kl_stplred_spec.pdf

Type: Approvals:
Job: Date: Page: 9 of 9

Lumen Data

Spectroradiometric

	1000K Average	4200K Average	5100K Average
Correlated Color Temp. CCT (K)	2800K - 3173K	3800K - 4600K	4600K - 5600K
Color Rendering Index (CRI)	>75	>70	>65
Power Factor	>.90	>.90	>.90

Projected Lumen Maintenance

mA	50,000 hrs	100,000 hrs
330 mA	96.68%	94.51%
700 mA	93.97%	89.89%

Electrical Drive Current

Volts - AC	350mA		700mA	
	Ampe - AC	System Watts	Ampe - AC	System Watts
120	0.38	46	0.27	92
208	0.22	46	0.44	92
240	0.19	46	0.38	92
277	0.17	46	0.33	92
347	0.13	46	0.27	92
480	0.10	46	0.19	92

B.U.G. Rating for 350mA (TM15) in Lumens where B = Backlight, U = Uplight, G = Glare

Temperature	Type I	Type II	Type III	Type III NFO	Type IV	Type IV NFO	Type V	Type L/R
3000K	B3 L0 C2	B2 L0 C2	B1 L0 C1	B1 L0 C1	B0 L0 C2	B0 L0 C2	B3 L0 C3	B2 L0 C2
4200K	B3 L0 C3	B2 L0 C2	B1 L0 C2	B1 L0 C2	B0 L0 C2	B0 L0 C2	B3 L0 C3	B2 L0 C2
5100K	B3 L0 C3	B2 L0 C2	B2 L0 C2	B1 L0 C2	B0 L0 C2	B0 L0 C2	B3 L0 C3	B2 L0 C2

Absolute Lumens for 350mA

Temperature	Type I	Type II	Type III	Type III NFO	Type IV	Type IV NFO	Type V	Type L/R
3000K	3747	3644	3693	3742	3727	3381	3740	3656
4200K	4638	4511	4488	4013	4414	4191	4620	4528
5100K	4967	4831	4817	4298	4941	4468	4958	4849

B.U.G. Rating for 700mA (TM15) in Lumens where B = Backlight, U = Uplight, G = Glare

Temperature	Type I	Type II	Type III	Type III NFO	Type IV	Type IV NFO	Type V	Type L/R
3000K	B3 L0 C3	B3 L0 C2	N/A	N/A	B0 L0 C2	B0 L0 C2	B3 L0 C3	B2 L0 C2
4200K	B3 L0 C3	B3 L0 C3	B2 L0 C2	B2 L0 C2	B1 L0 C2	B0 L0 C2	B3 L0 C3	B3 L0 C3
5100K	B3 L0 C3	B3 L0 C3	B2 L0 C2	B2 L0 C2	B1 L0 C2	B0 L0 C2	B3 L0 C3	B3 L0 C3

Absolute Lumens for 700mA

Temperature	Type I	Type II	Type III	Type III NFO	Type IV	Type IV NFO	Type V	Type L/R
3000K	6247	6214	6115	5493	6239	5594	6420	6131
4200K	7912	7870	7754	6956	7502	7211	8131	7765
5100K	8320	8176	8046	7227	8209	7492	8447	8067

LED performance and lumen output continue to improve at a rapid pace. Log into www.kimlighting.com to download the most current photometric files from our lighting® 35 LED Library. For custom optics and color temperature configurations, contact factory.

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1-19-2013
DATE INITIALS

KIM LIGHTING
STL
 400W Large Structural™
 revision 04/08/15 • kl_stlhid_spec.pdf

Type:
 Job:
 Catalog number:

Approvals:

Date:
 Page: 1 of 9

150 to 400 watt
 Mogul Base Lamps

Specifications

Housing: One-piece die-cast, low copper (0.6% Cu) aluminum alloy with integral cooling fins on top surfaces above the optical chamber and electrical compartment. A solid barrier wall separates the optical and electrical compartments, with gasketed wire penetrations. A double-thick wall with gaskets is provided on the support arm mounting end. All hardware is stainless steel.

Lens Frame: One-piece die-cast, low copper (0.6% Cu) aluminum alloy with a 1" minimum thickness around the gasket flange for rigidity. Integral hinges with stainless steel pins provide no-tool mounting and removal from the housing. Two stainless steel thumb latches are recessed into the front corners, concealed from normal view. Lens frame seals against the housing by a one-piece extruded silicone gasket with vulcanized end closure. Clear 1/2" thick tempered flat glass is retained in the frame by eight clips with full silicone gasketing around the perimeter.

Reflector Module: Specular Alzak® optical segments are rigidly mounted in a die-cast, low copper (0.6% Cu) aluminum alloy frame which attaches to the housing as a one-piece module with captive stainless steel screws. Reflector module is field-rotatable in 90° increments. All HPS and pulse start lamps use 48V mogul base sockets. All sockets are factory provided with a quick-disconnect plug for the ballast module, with wires passing through a silicone gasket in the housing barrier wall. Four light distributors are available and interchangeable within the same housing size.

Electrical Module: All electrical components are UL and CSA recognized, mounted on a single plate and factory prewired with quick-disconnect plugs. Electrical module attaches to the housing with no-tool hinges and latches, accessible by opening the lens frame. All ballasts are high power factor with starting temperatures of -40°F for HPS and -20°F for PWH lamp modes.

Support Arm: One-piece extruded aluminum with internal bolt guides. Luminaire-to-pole attachment is by internal draw bolts, and includes a pole reinforcing plate with wire strain relief. For mounting to round poles, arm is circular cut for precise mating to the pole diameter.

Finish/Color: Finish is super TGIC thermoset polyester powder coat paint, 2.5 mil nominal thickness, applied over a titanium zirconium conversion coating. A.S.T.M. 2500 hour salt spray test endurance rating. Standard colors are Black, Dark Bronze, Light Gray, Stealth Gray™, Platinum Silver, or White. Custom colors are available.

CAUTION: Fixtures must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury.

Listings and Ratings

UL cUL 1598*	IP66 Rated	CE	25C Ambient
Full Cut Off (for Class Lenses Only) Cutoff (Convex Glass Lens Only)			

HUBBELL
 LIGHTING DIVISION

U.S. Patents D430,695; D440,704;
 D440,705; D441,130; D485,323

*Suitable for wet locations
 *Dark Sky Legislation Compliant
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KIM LIGHTING
STL
 400W Large Structural™
 revision 04/08/15 • kl_stlhid_spec.pdf

Type:
 Job:
 Catalog number:

Approvals:

Date:
 Page: 2 of 9

Standard Features

Mounting
 3Y is available for round poles only.

Plan View:

EPA:	2.2	4.4	2.8	5.0	5.0	5.3	—
Cat. No.:	<input type="checkbox"/> 1A	<input type="checkbox"/> 2B	<input type="checkbox"/> 2L	<input type="checkbox"/> 3T	<input type="checkbox"/> 3Y	<input type="checkbox"/> 4C	<input type="checkbox"/> 1W

Fixture
 Cat. No. designates STL fixture and light distribution. See the Kim Site/Roadway Optical Systems Catalog for detailed information on reflector design and application.

Horizontal Lamp Flat Lens

Light Distribution:	Type I	Type II	Type III	Type IV	Type V
	Full Cutoff	Full Cutoff	Full Cutoff	Forward Throw Full Cutoff	Square Full Cutoff
Cat. No.:	<input type="checkbox"/> STL1	<input type="checkbox"/> STL2	<input type="checkbox"/> STL3	<input type="checkbox"/> STL4	<input type="checkbox"/> STL5

Finish
 Super TGIC powder coat paint over titanium zirconium conversion coating.

Color: Black Dark Bronze Light Gray Stealth Gray™ Platinum Silver White Custom Color
 Cat. No.: BL DB LG SG PS WH CC
 *Custom colors subject to additional charges, minimum quantities and extended lead times. Consult representative. Custom color description:

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KIM LIGHTING
STL
 400W Large Structural™
 revision 04/08/15 • kl_stlhid_spec.pdf

Type:
 Job:
 Catalog number:

Approvals:

Date:
 Page: 7 of 9

Optional Features

Pole Mounted Structural Options
 Cat. No. (See right)
 No Option

TS - Single Tension Rod: Rod has die-cast aluminum clevis which fits to die-cast aluminum clevis. Fixture cleat is factory mounted and includes a silicone gasket. Pole cleat is field mounted, and is circular cut for precise mating to round poles. Rod diameter is 500. All fasteners are blackened stainless steel. All Kim poles are pre-drilled to accept fixture arm and tension rod cleat.

Cat. No.
 TSP Structural option rod and clevis detail is finished to match fixture.
 TSN Structural option rod is stainless steel with nickel plated clevis.

Mounting: 1A 2B 2L 3T 3Y 4C
 EPA: 2.3 4.6 2.9 5.2 5.2 5.6h

TD - Double Tension Rods: Rods have die-cast aluminum end brackets which fit to die-cast aluminum clevis. Fixture cleat is factory mounted and includes silicone gaskets. Pole cleat is field mounted, and is circular cut for precise mating to round poles. Rod diameter is 500. All fasteners are blackened stainless steel. All Kim poles are pre-drilled to accept fixture arm and tension rod cleat.

Cat. No.
 TDP Structural option rod and clevis details are finished to match fixture.
 TDN Structural option rods are stainless steel with nickel plated clevis.

Mounting: 1A 2B 2L 3T 3Y 4C
 EPA: 2.35 4.7 2.95 5.3 5.3 5.6

TR - Truss: Cast aluminum truss is fastened to die-cast aluminum clevis. Fixture cleat is factory mounted, and includes a silicone gasket. Pole cleats are field mounted, and are circular cut for precise mating to round poles. Truss members are 1" square. All fasteners are blackened stainless steel. All Kim poles are pre-drilled to accept fixture arm and truss cleats.

Cat. No.
 TR Structural option is finished to match fixture.

Mounting: 1A 2B 2L 3T 3Y 4C
 EPA: 2.6 5.2 3.3 5.9 5.9 6.2

Pole Mounted Structural Options continued on page 8.

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1 SCALE: N.T.S. **FIXTURE TYPE 'S1', 'S2'**

Pastorale
 STIPULATION SET
 RETAIN FOR RECORDS
 APPROVED
 1-19-2017
 DATE INITIALS

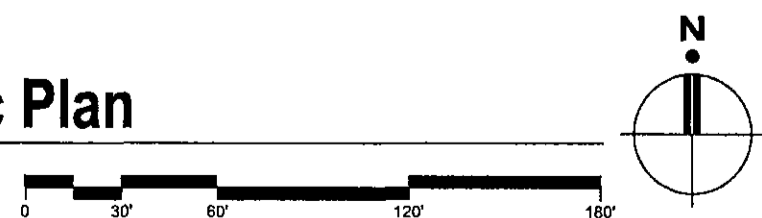


4545 East McKinley Street
 Phoenix, Arizona 85008
 Telephone 602.954.9060
 Fax 602.954.6954
 www.dfdg.com

FIXTURE CUTSHEETS



1 Site Photometric Plan
1" = 60'-0"

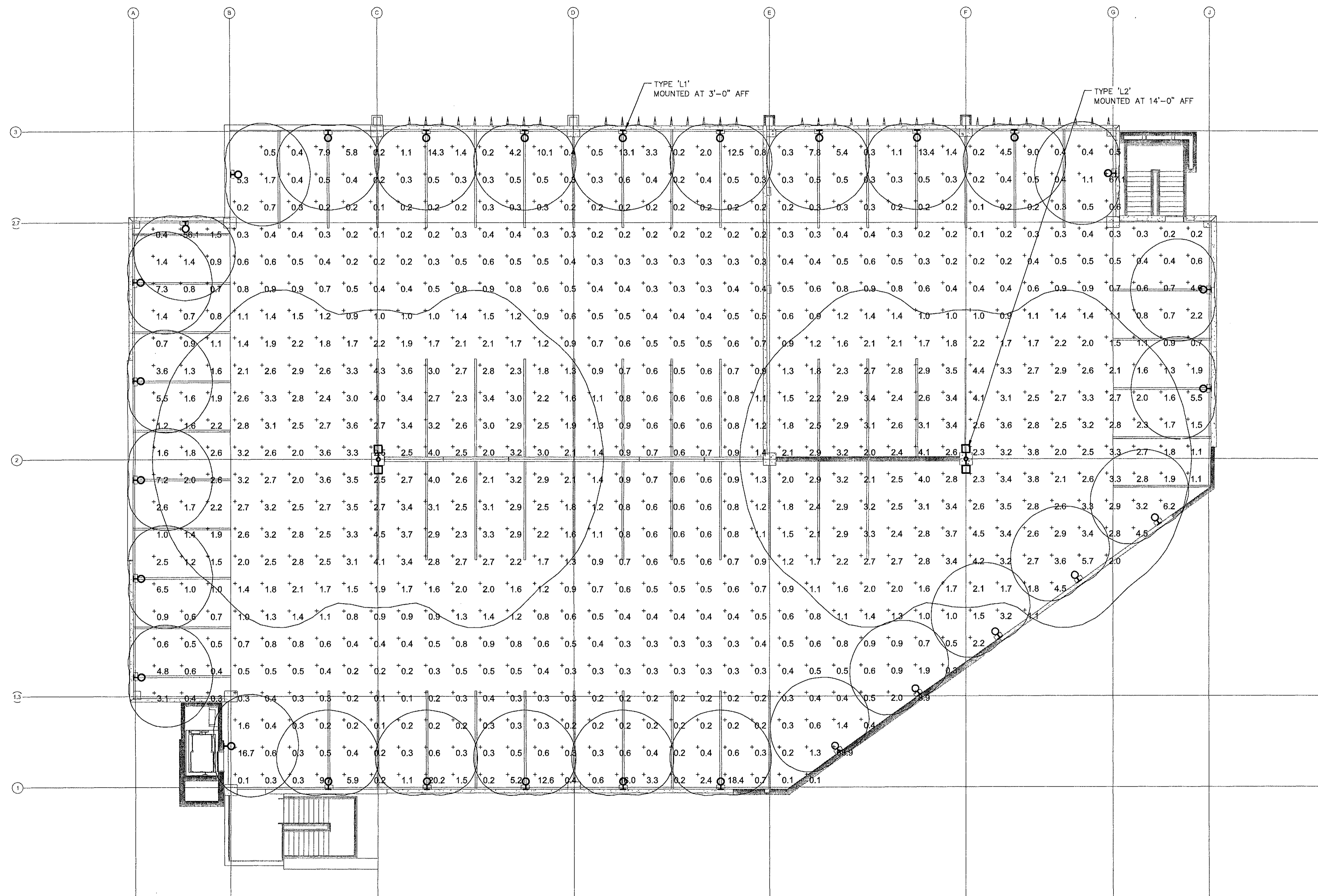


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SITE PHOTOMETRIC PLAN



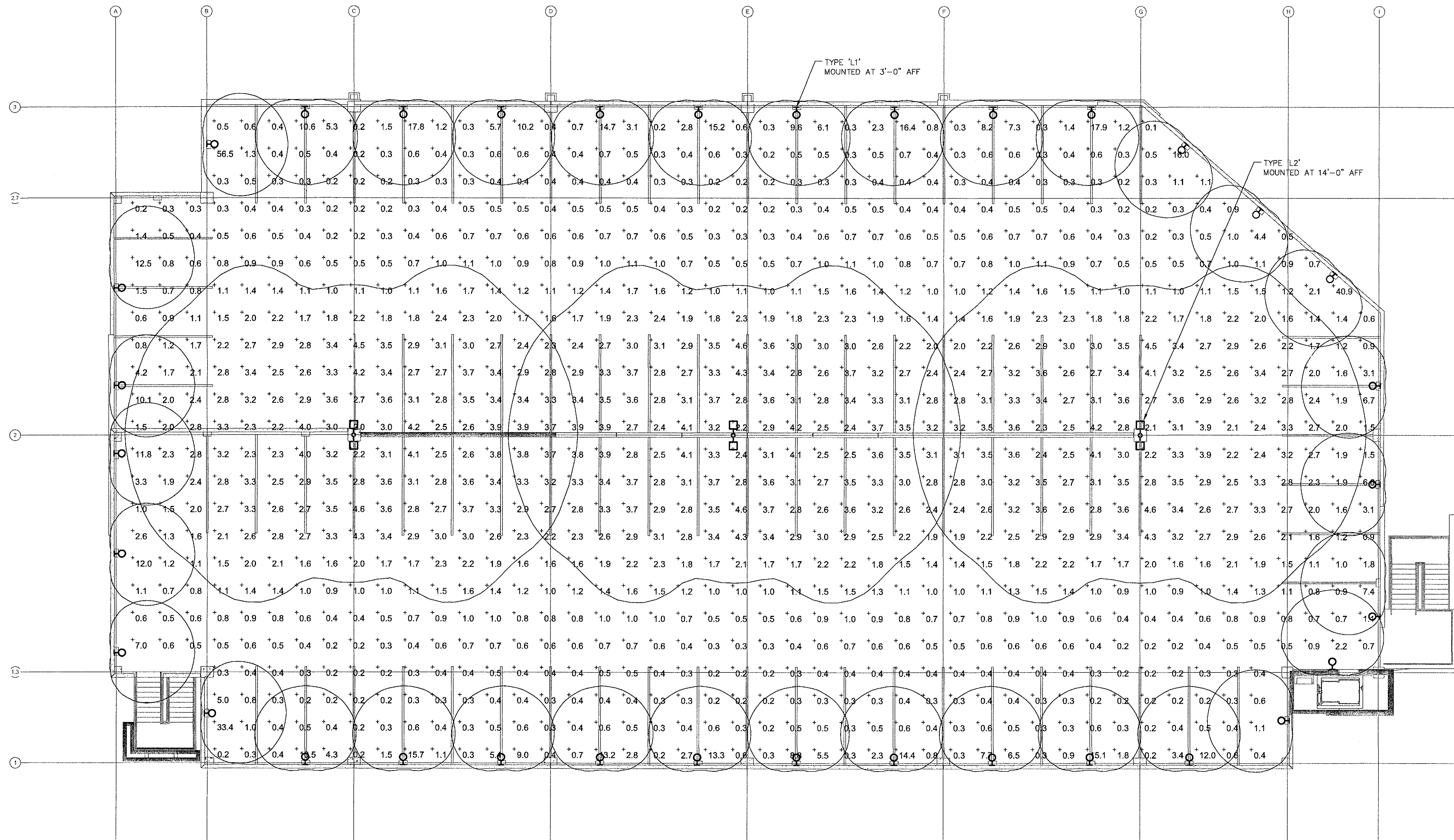
1 Garage 2 Roof Photometric Plan
 1" = 10'-0"

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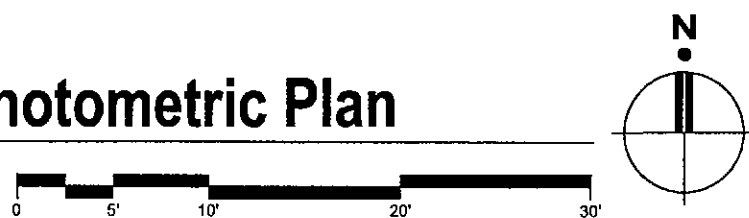
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GARAGE 2 ROOF PHOTOMETRIC PLAN



1 Garage 5 Roof Photometric Plan

1" = 10'-0"



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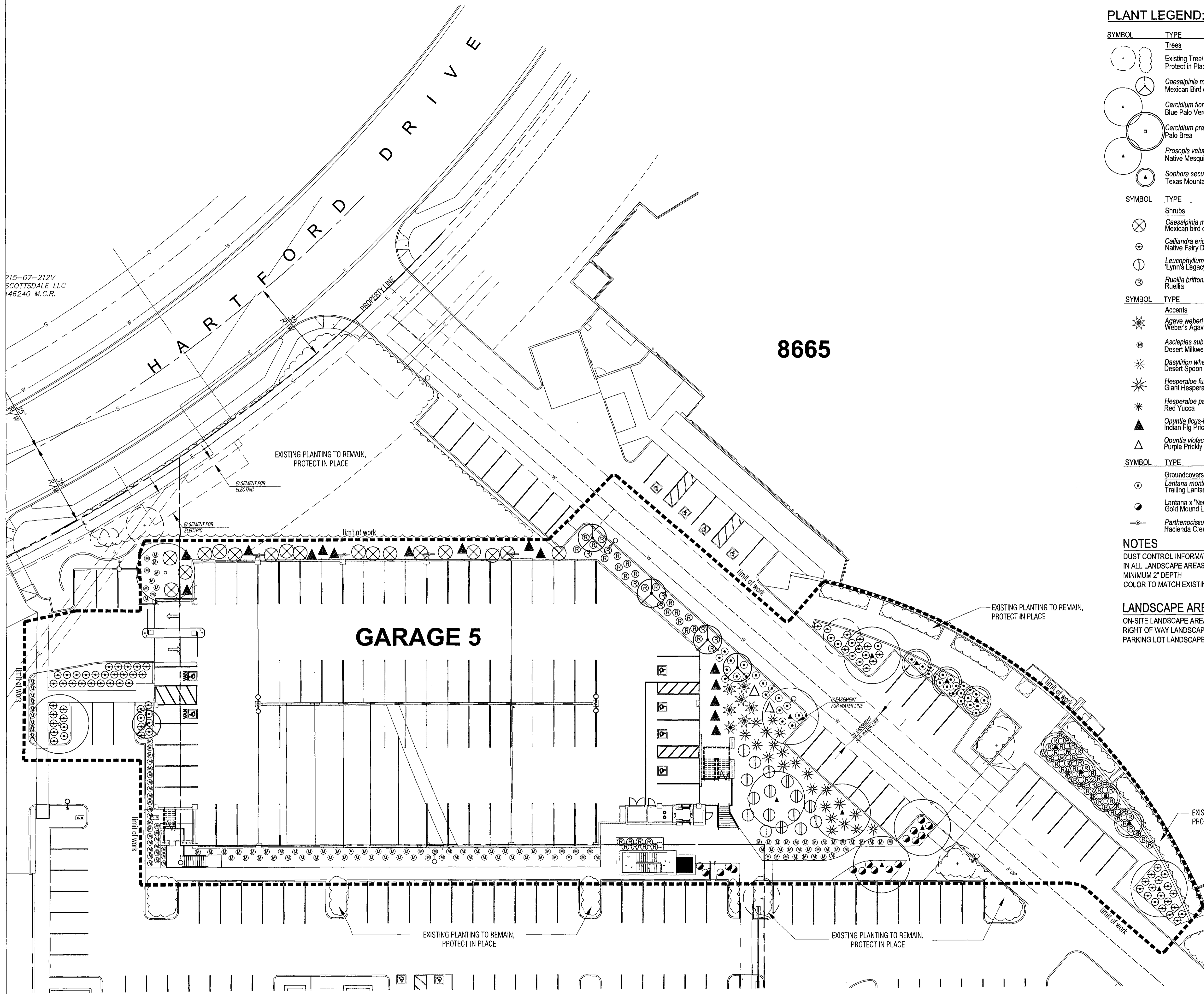
GARAGE 5 ROOF PHOTOMETRIC PLAN

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7.14.16
 Wentworth Properties
 E203

68-DR-2000 #5
 10/28/2016

215-07-212V
SCOTTSDALE LLC
146240 M.C.R.



8665

PLANT LEGEND:

SYMBOL	TYPE	SIZE	QTY	REMARKS - HEIGHT X WIDTH - CALIPER SIZE
Trees				
(Symbol)	Existing Tree/Planting to Remain Protect in Place			
(Symbol)	Caesalpinia mexicana Mexican Bird of Paradise	24" Box	6	Multi-Trunk 5.0-7.0 3.0-4.0 1.0 Min.
(Symbol)	Cercidium floridum Blue Palo Verde	36" Box	7	Multi-Trunk 7.0-9.0 6.0-8.0 2.0 Min.
(Symbol)	Cercidium praecox Palo Brea	36" Box	9	Multi-Trunk 5.0-8.0 4.0-5.0 1.75 Min.
(Symbol)	Prosopis velutina Native Mesquite	36" Box	9	Multi-Trunk 8.0-10.0 6.0-8.0 1.75 Min.
(Symbol)	Sophora secundiflora Texas Mountain Laurel	24" Box	11	Multi-Trunk 3.0-4.0 2.0-3.0 .75 Min.

SYMBOL	TYPE	SIZE	QTY
Shrubs			
(Symbol)	Caesalpinia mexicana Mexican bird of paradise	5 Gallon	21
(Symbol)	Calliandra eriophylla Native Fairy Duster	5 Gallon	278
(Symbol)	Leucophyllum langmaniae 'Lynn's Legacy'	5 Gallon	26
(Symbol)	Ruellia brittoniana Ruellia	5 Gallon	161

SYMBOL	TYPE	SIZE	QTY
Accents			
(Symbol)	Agave weberi Weber's Agave	5 Gallon	7
(Symbol)	Asclepias subulata Desert Milkweed	5 Gallon	240
(Symbol)	Dasyliroton wheeleri Desert Spoon	5 Gallon	113
(Symbol)	Hesperaloe funifera Giant Hesperaloe	5 Gallon	28
(Symbol)	Hesperaloe parviflora Red Yucca	5 Gallon	169
(Symbol)	Opuntia ficus-indica Indian Fig Prickly Pear	5 Gallon	41
(Symbol)	Opuntia violacea 'Santa-Rita' Purple Prickly Pear	5 Gallon	16

SYMBOL	TYPE	SIZE	QTY
Groundcovers/Vines			
(Symbol)	Lantana montevidensis Trailing Lantana	1 Gallon	83
(Symbol)	Lantana x 'New Gold' Gold Mound Lantana	1 Gallon	81
(Symbol)	Perthenocissus sp Hacienda Creeper	5 Gallon	8

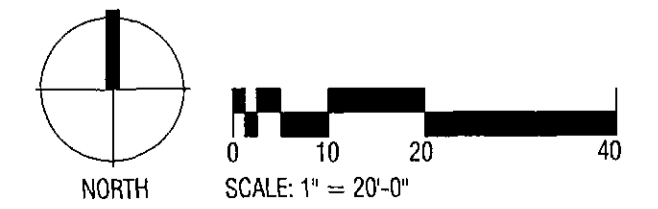
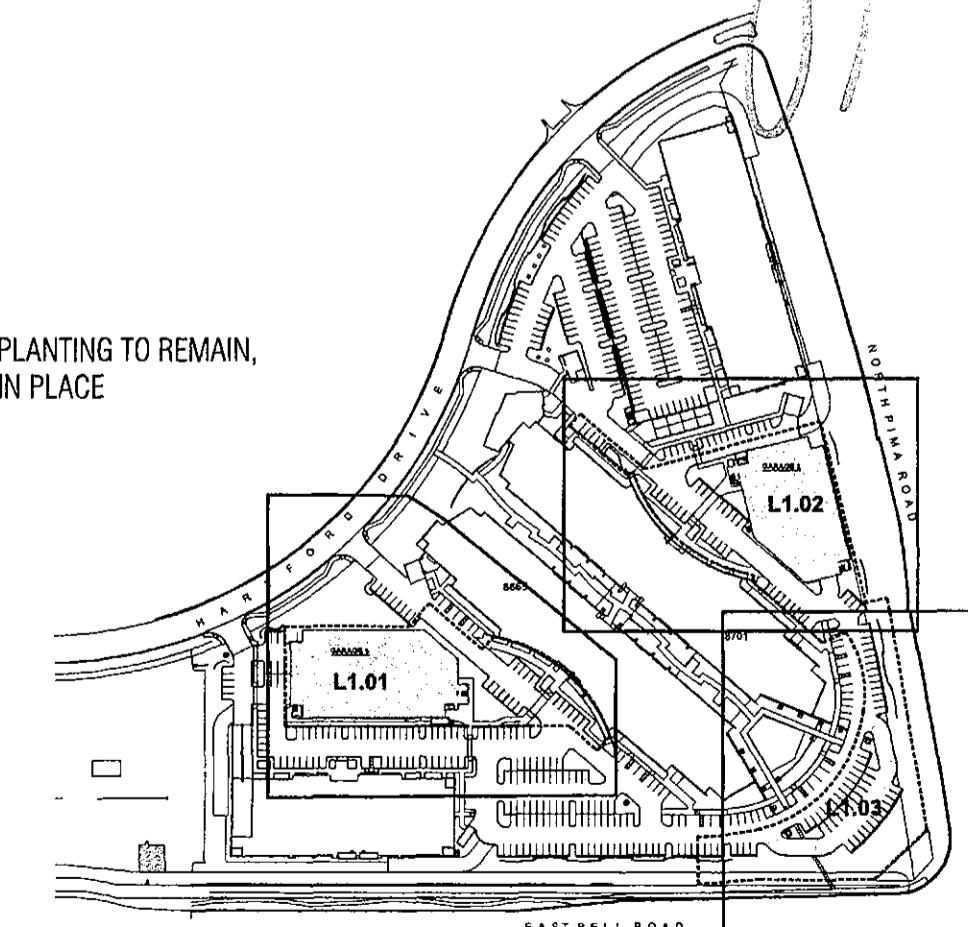
NOTES

DUST CONTROL INFORMATION:
IN ALL LANDSCAPE AREAS PROVIDE 1/2" MINUS DECOMPOSED GRANITE
MINIMUM 2" DEPTH
COLOR TO MATCH EXISTING

LANDSCAPE AREAS IN SQUARE FEET

ON-SITE LANDSCAPE AREA: 155,634
RIGHT OF WAY LANDSCAPE AREA: 0
PARKING LOT LANDSCAPE AREA: 50,200

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DATE 1/14/17



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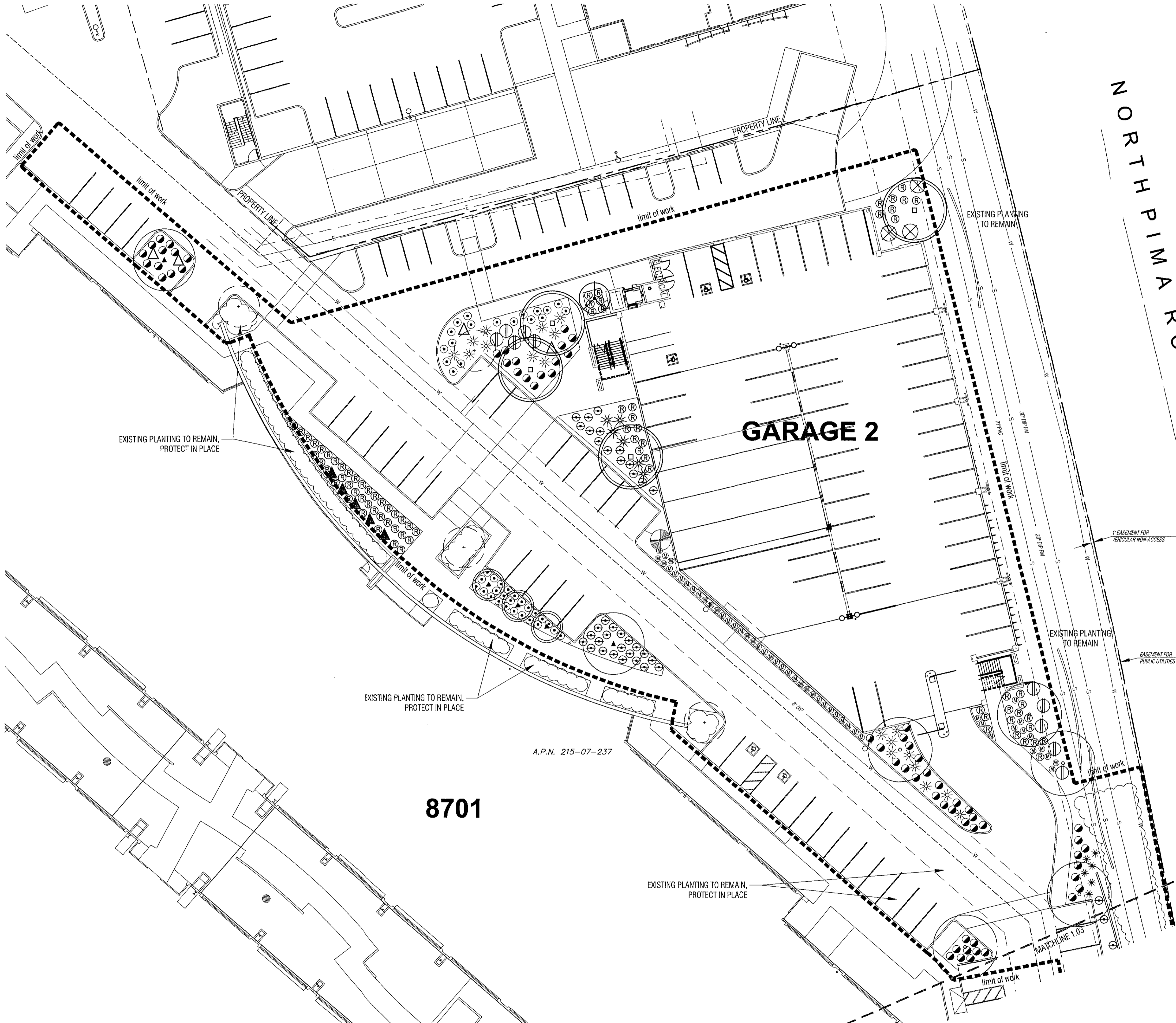
General Note:
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12.21.2016

Wentworth Perimeter Center
8665 & 8701 E. Hartford Drive
Scottsdale, AZ

DFDG PROJECT NUMBER

LANDSCAPE PLAN
L1.01



PLANT LEGEND:

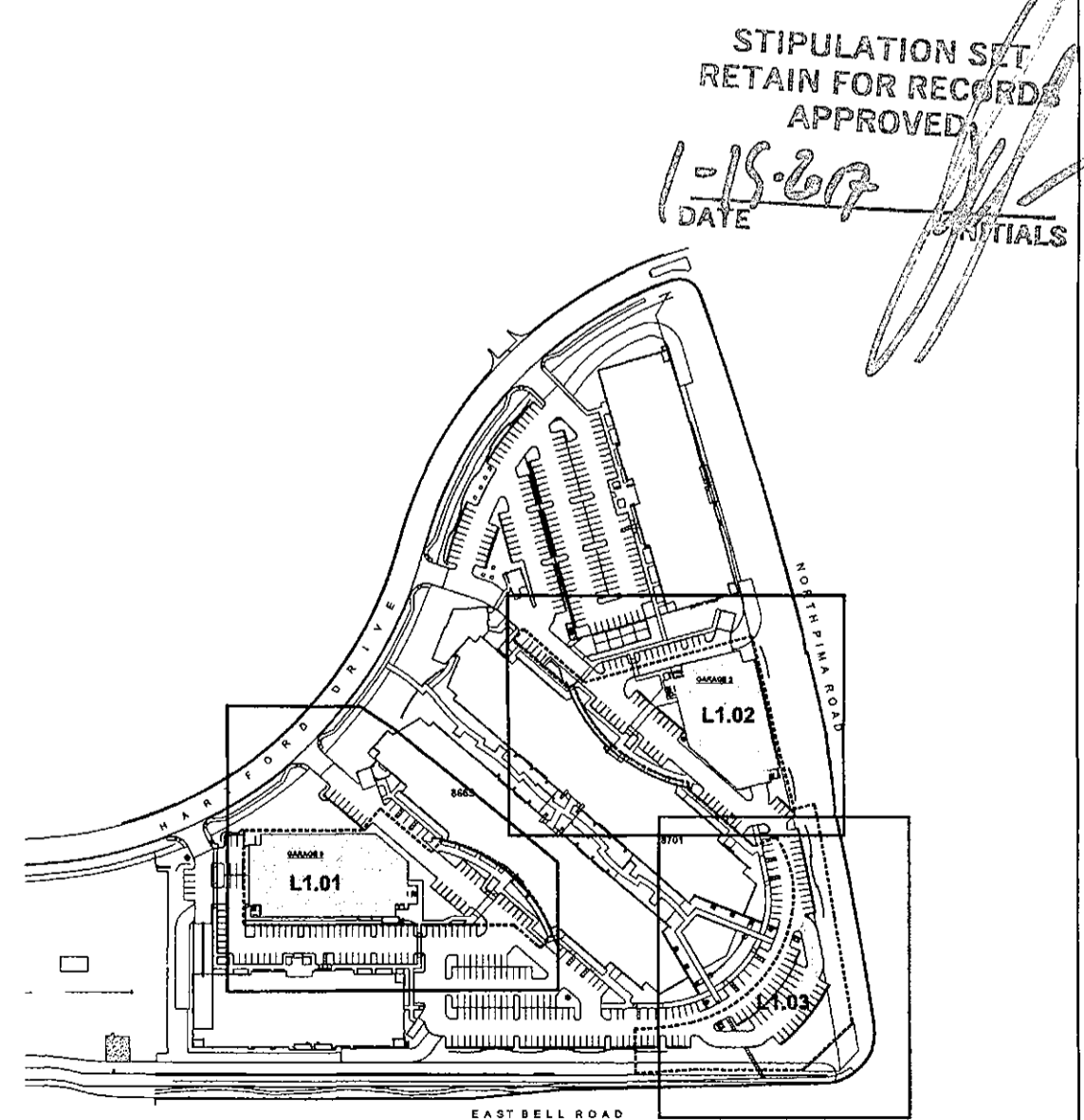
SYMBOL	TYPE	SIZE	QTY	REMARKS - HEIGHT X WIDTH - CALIPER SIZE
Trees				
(Symbol)	Existing Tree/Planting to Remain Protect in Place			
(Symbol)	<i>Caesalpinia mexicana</i> Mexican Bird of Paradise	24" Box	6	Multi-Trunk 5.0-7.0 3.0-4.0 1.0 Min.
(Symbol)	<i>Cercidium floridum</i> Blue Palo Verde	36" Box	7	Multi-Trunk 7.0-9.0 6.0-8.0 2.0 Min.
(Symbol)	<i>Cercidium praecox</i> Palo Brea	36" Box	9	Multi-Trunk 5.0-8.0 4.0-5.0 1.75 Min.
(Symbol)	<i>Prosopis velutina</i> Native Mesquite	36" Box	9	Multi-Trunk 8.0-10.0 6.0-8.0 1.75 Min.
(Symbol)	<i>Sophora secundiflora</i> Texas Mountain Laurel	24" Box	11	Multi-Trunk 3.0-4.0 2.0-3.0 .75 Min.
Shrubs				
(Symbol)	<i>Caesalpinia mexicana</i> Mexican bird of paradise	5 Gallon	21	
(Symbol)	<i>Calliandra eriophylla</i> Native Fairy Duster	5 Gallon	278	
(Symbol)	<i>Leucophyllum langmaniae</i> Lynn's Legacy	5 Gallon	26	
(Symbol)	<i>Ruellia brittoniana</i> Ruellia	5 Gallon	161	
Accents				
(Symbol)	<i>Agave weberi</i> Weber's Agave	5 Gallon	7	
(Symbol)	<i>Asclepias subulata</i> Desert Milkweed	5 Gallon	240	
(Symbol)	<i>Dasyliion wheeleri</i> Desert Spoon	5 Gallon	113	
(Symbol)	<i>Hesperaloe funifera</i> Giant Hesperaloe	5 Gallon	28	
(Symbol)	<i>Hesperaloe parviflora</i> Red Yucca	5 Gallon	169	
(Symbol)	<i>Opuntia ficus-indica</i> Indian Fig Prickly Pear	5 Gallon	41	
(Symbol)	<i>Opuntia violacea</i> 'Santa-Rita' Purple Prickly Pear	5 Gallon	16	
Groundcovers/Vines				
(Symbol)	<i>Lantana montevidensis</i> Trailing Lantana	1 Gallon	83	
(Symbol)	<i>Lantana x 'New Gold'</i> Gold Mound Lantana	1 Gallon	81	
(Symbol)	<i>Parthenocissus sp</i> Hacienda Creeper	5 Gallon	8	

NOTES

DUST CONTROL INFORMATION:
IN ALL LANDSCAPE AREAS PROVIDE 1/2" MINUS DECOMPOSED GRANITE
MINIMUM 2" DEPTH
COLOR TO MATCH EXISTING

LANDSCAPE AREAS IN SQUARE FEET

ON-SITE LANDSCAPE AREA: 155,634
RIGHT OF WAY LANDSCAPE AREA: 0
PARKING LOT LANDSCAPE AREA: 50,200



STIPULATION SET
RETAIN FOR RECORDS
APPROVED
DATE: 1-15-2017
INITIALS: [Signature]

DFDG
DICK & FRITSCH DESIGN GROUP
4545 EAST MCKINLEY STREET
PHOENIX, ARIZONA 85008
TELEPHONE: 602.954.9060
FACSIMILE: 602.954.6954
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39268
ROGER SOCHA
REGISTERED LANDSCAPE ARCHITECT
ARIZONA, U.S.A.
EXPIRES: 6/30/15

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REVISIONS

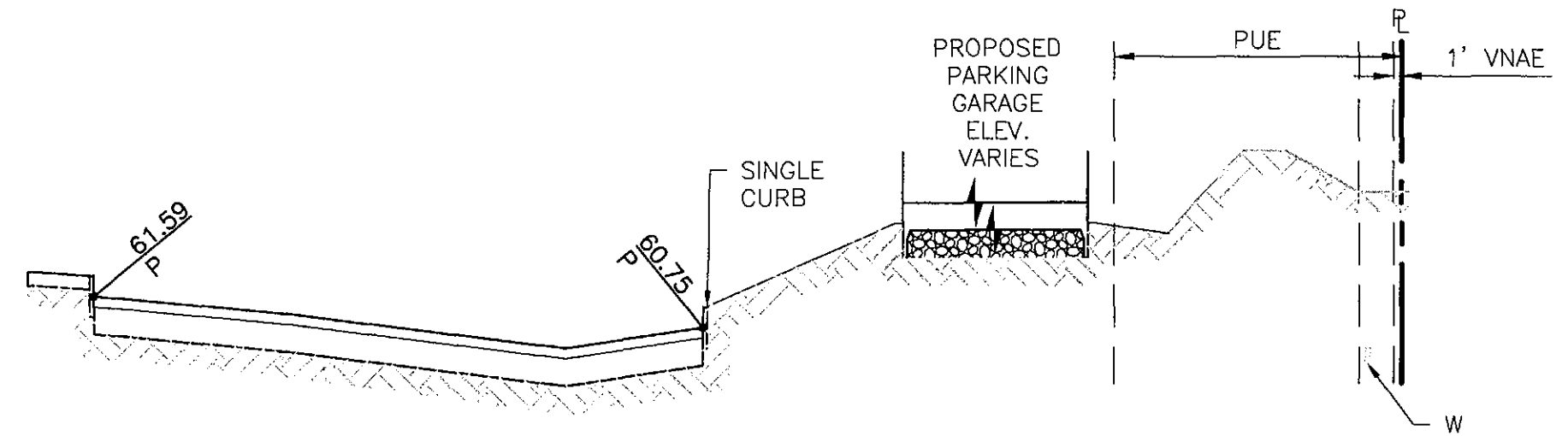
TRUEFORM
landscape architecture studio
2009 north 7th street
phoenix, az 85006
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www.trueformias.com
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12.21.2016

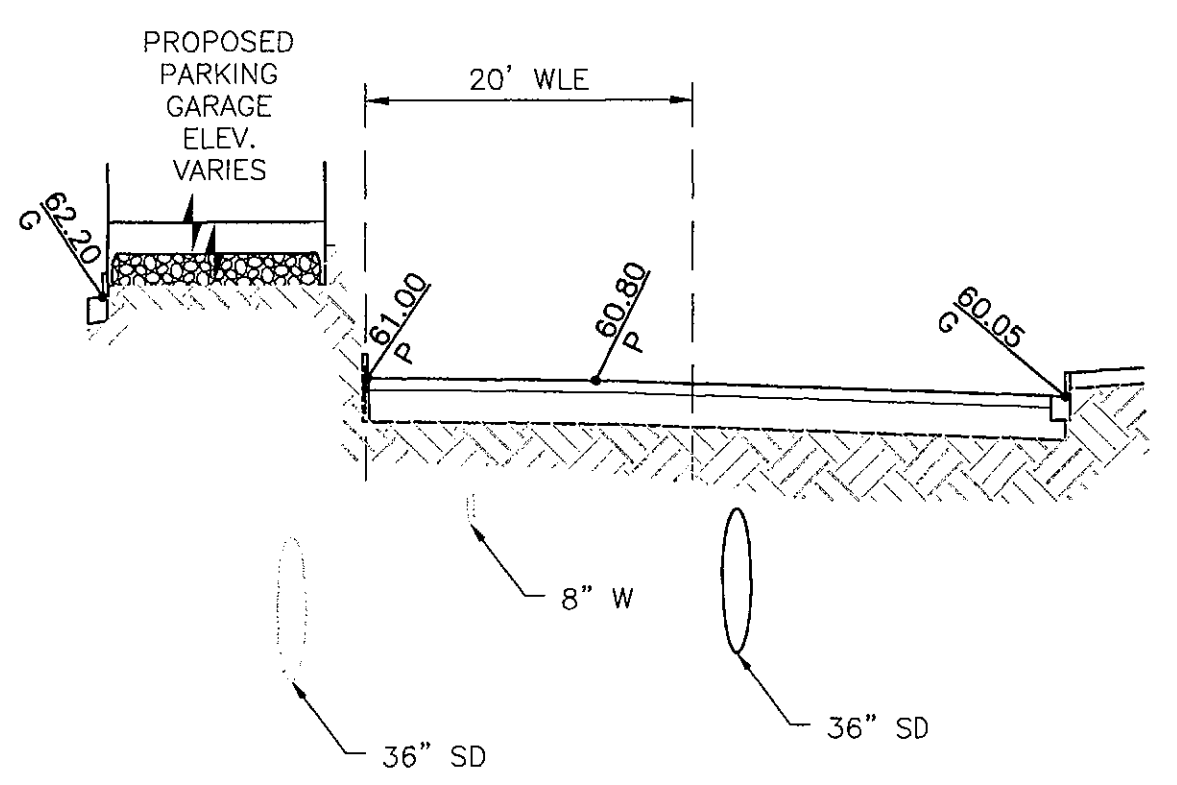
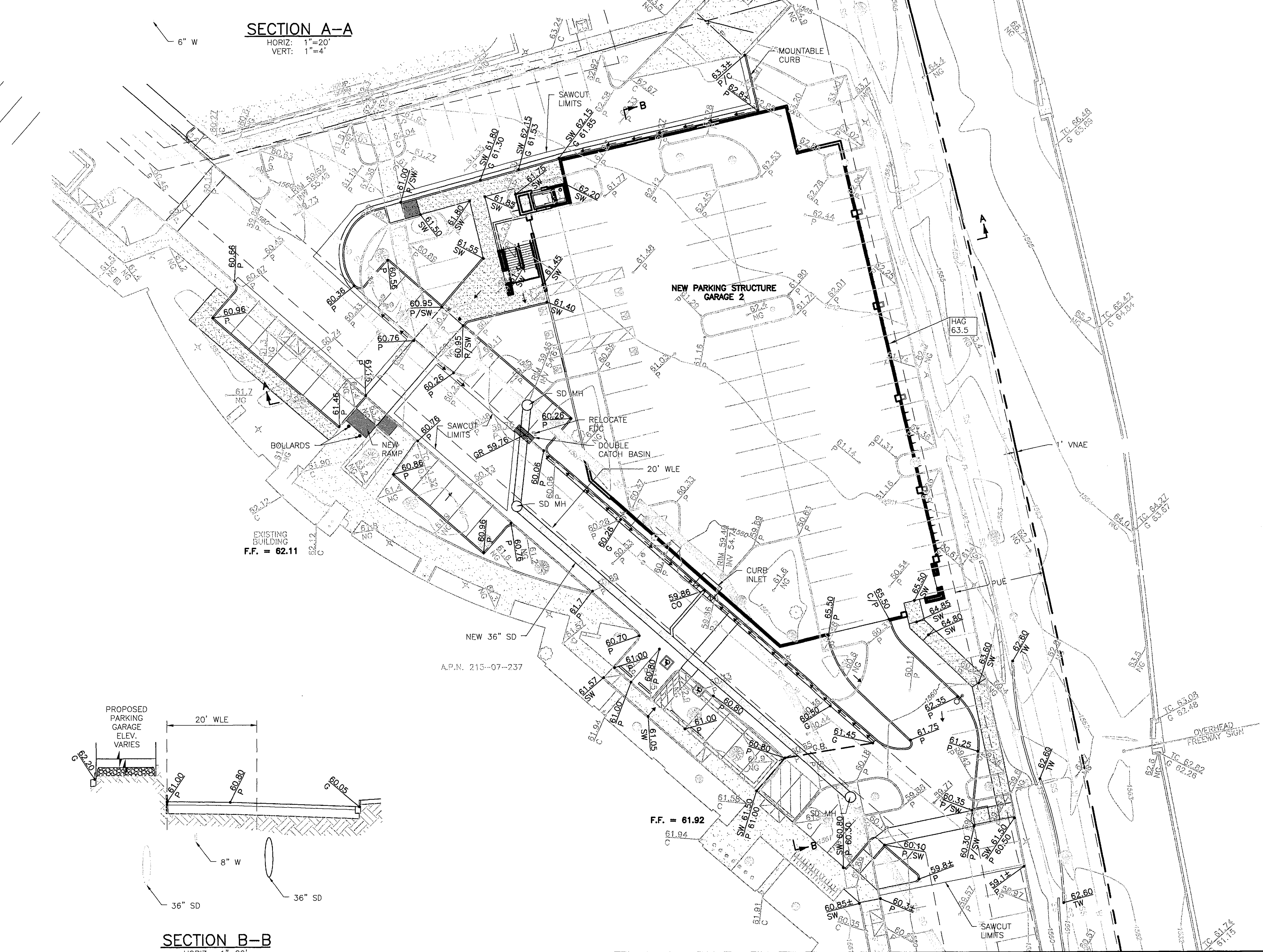
Wentworth Perimeter Center
8665 & 8701 E. Hartford Drive
Scottsdale, AZ

DFDG PROJECT NUMBER
LANDSCAPE PLAN
L1.02
68-DR-2000#5
12/22/2016





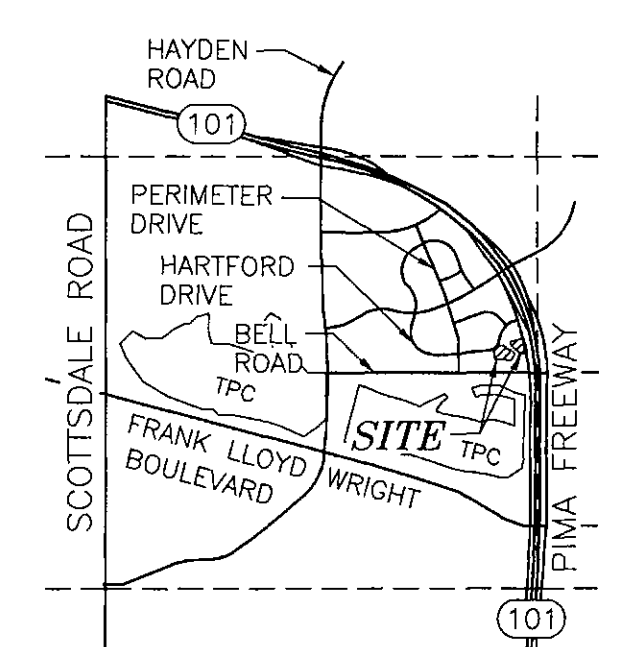
SECTION A-A
 HORIZ: 1"=20'
 VERT: 1"=4'



SECTION B-B
 HORIZ: 1"=20'
 VERT: 1"=4'

OWNER/DEVELOPER
 WENTWORTH PROPERTY COMPANY
 2701 E. CAMELBACK ROAD
 SUITE 185
 PHOENIX, ARIZONA 85016
 PHONE: 602-296-1098
 CONTACT: JARED LANGENHUIZEN

ARCHITECT
 DFDG
 4545 EAST MCKINLEY STREET
 PHOENIX, ARIZONA 85008
 TELEPHONE: 602-954-9060
 ATTN: JIM LLOYD



VICINITY MAP
 SCALE: NONE

CIVIL ENGINEER
 ZELL COMPANY, L.L.C.
 3400 N. DYSART ROAD, #130
 AVONDALE, ARIZONA 85392
 TELEPHONE: 623-547-2500
 FAX: 623-547-2501
 ATTN: KEN ZELL, P.E.

PROJECT ADDRESS
 NWC LOOP 101 & BELL ROAD
 SCOTTSDALE, ARIZONA

LEGEND

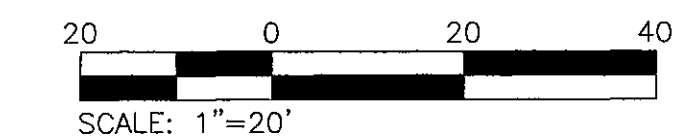
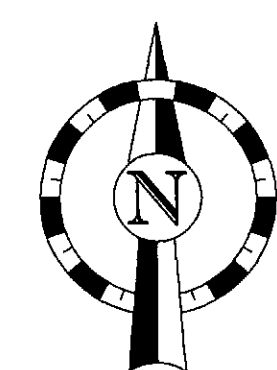
- NOTE: ALL SYMBOLS AND ABBREVIATIONS MAY NOT APPEAR ON EACH SHEET.
- | | | | |
|------|-------------------------------------|------|-----------------------------|
| --- | EXISTING STORM DRAIN | BC | BACK OF CURB |
| --- | NEW STORM DRAIN | BW | BACK OF WALK |
| --- | CENTERLINE | CATV | CABLE TV |
| --- | PROPERTY LINE | C | CONCRETE |
| --- | EXISTING LINE | CB | CATCH BASIN |
| XX | EXISTING MANHOLES, VAULTS AND BOXES | CC | CANOPY CLEARANCE |
| XX | EXISTING ELEVATION | CL | CURB OPENING |
| XXXX | PROPOSED ELEVATION | CO | CURB OPENING |
| --- | BACKFLOW PREVENTER | DWV | DRAIN, WASTE AND VENT |
| --- | CATCH BASIN | E | ELECTRIC |
| ● | CLEANOUT | ESMT | EASEMENT |
| + | FIRE HYDRANT | FC | FACE OF CURB |
| → | FLOW ARROW | FG | FINISH GRADE |
| → | ROOF DRAIN ARROW | FF | FINISH FLOOR |
| → | FLOWLINE ARROW | FH | FIRE HYDRANT |
| → | FOUND BRASS CAP | FL | FLOW LINE |
| → | FOUND MONUMENT | FM | FORCE MAIN |
| → | FOUND REBAR | FO | FIBER OPTICS |
| → | PROPOSED ELEVATION | FW | FACE OF WALK |
| → | POWER POLE | G | GUTTER |
| → | SET BRASS CAP | GB | GRADE BREAK |
| → | SET MONUMENT | GR | GRATE |
| → | SET REBAR | INV | INVERT |
| → | SIGN | IRR | IRRIG. CONTROL VALVE |
| → | TAPPING SLEEVE | ML | MONUMENT LINE |
| → | WATER VALVE | NG | NATURAL GRADE |
| → | WATER METER | OHE | OVERHEAD ELECTRIC |
| → | DRYWELL | P | PAVEMENT |
| → | NEW CONCRETE | PC | POINT OF CURVE |
| → | NEW RIP-RAP | PH# | POTHOLE LOCATION PER REPORT |
| → | EXISTING CONCRETE | PT | POINT OF TANGENCY |
| → | STRAW WATTLE | RD | ROOF DRAIN |
| → | SILT FENCE | ROW | RIGHT OF WAY |
| | | SCO | SEWER CLEANOUT |
| | | SD | STORM DRAIN |
| | | SL | STREET LIGHT |
| | | SS | SANITARY SEWER |
| | | SW | SIDEWALK |
| | | T | TELEPHONE |
| | | TC | TOP OF CURB |
| | | TF | TOP OF FOOTING |
| | | TW | TOP OF WALL |
| | | TS | TRAFFIC SIGNAL |
| | | UGE | UNDERGROUND ELEC |
| | | VG | VALLEY GUTTER |
| | | W | WATER |
| | | WLE | WATER LINE EASEMENT |

ABBREVIATIONS

DRAINAGE STATEMENT

THE EXISTING SITE DRAINS SOUTH TO AN EXISTING DRAINAGE CHANNEL ALONG THE NORTH SIDE OF BELL ROAD. SINCE THIS PROJECT IS REPLACING HARDSCAPE WITH HARDSCAPE, THERE WILL NOT BE ANY INCREASE IN SURFACE RUNOFF. THE HISTORIC DISCHARGE LOCATIONS HAVE BEEN MAINTAINED.

STIPULATION SET
 RETAIN FOR RECORDS
 APPROVED
 DATE: 1-19-2017
 INITIALS: [Signature]



Plot Date/Time: 12/21/2016 10:44 AM
 Layout Name: 1 CGD GARAGE 2
 Full File Path: I:\Ardrat_Lasers\Ardrat\16-027 Wentworth Garages - Scottsdale\16-027.dwg

BY		DESCRIPTION	
REV	DATE		
PROJECT	WENTWORTH PROPERTIES GARAGE 2		LOCATION SCOTTSDALE, ARIZONA
DRAWN BY	DESIGNED BY	REVIEWED BY	DATE
JD	KZ	KZ	10/2016
TITLE	CONCEPTUAL GRADING & DRAINAGE PLAN		
SITE ADDRESS			
SCALE:	1:20		
JOB NO.:	16-027		
SHEET	1 OF 4		

3400 N. Dysart Road
 Suite 130
 Avondale, Arizona 85392
 Phone: 623-547-2500
 Fax: 623-547-2501



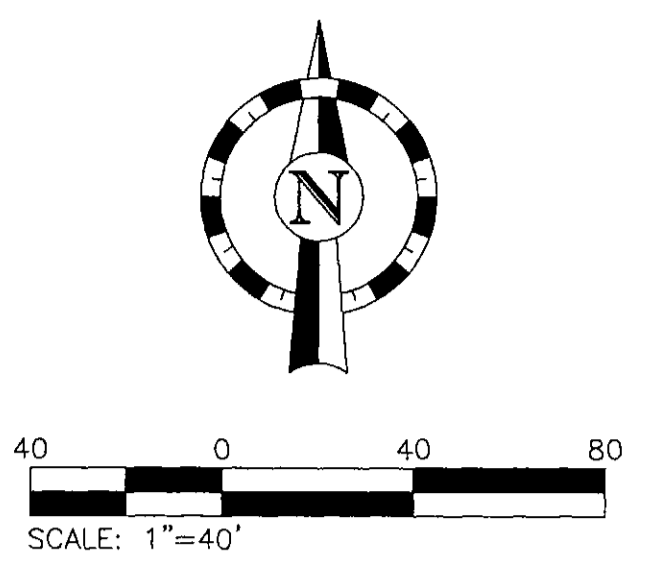
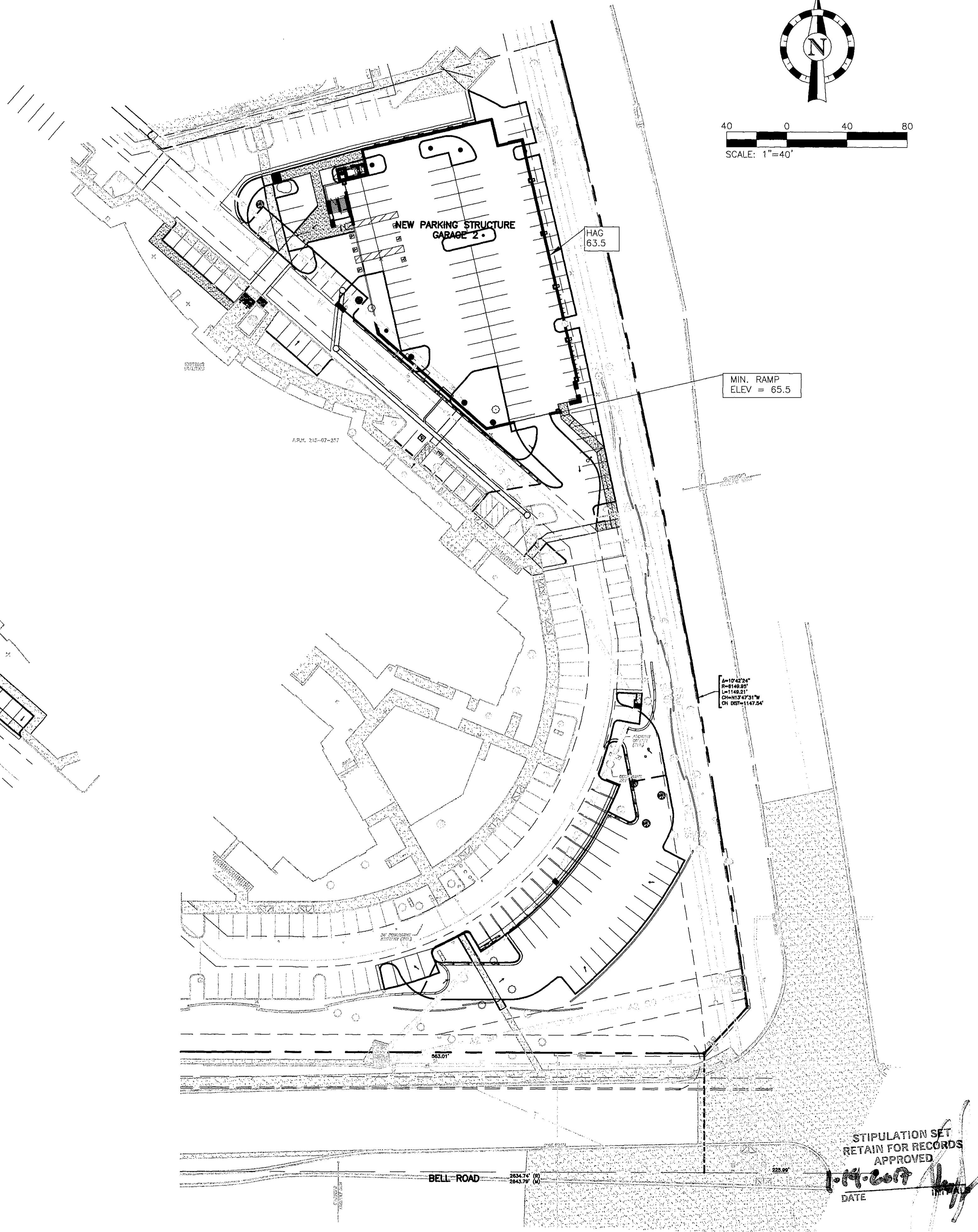
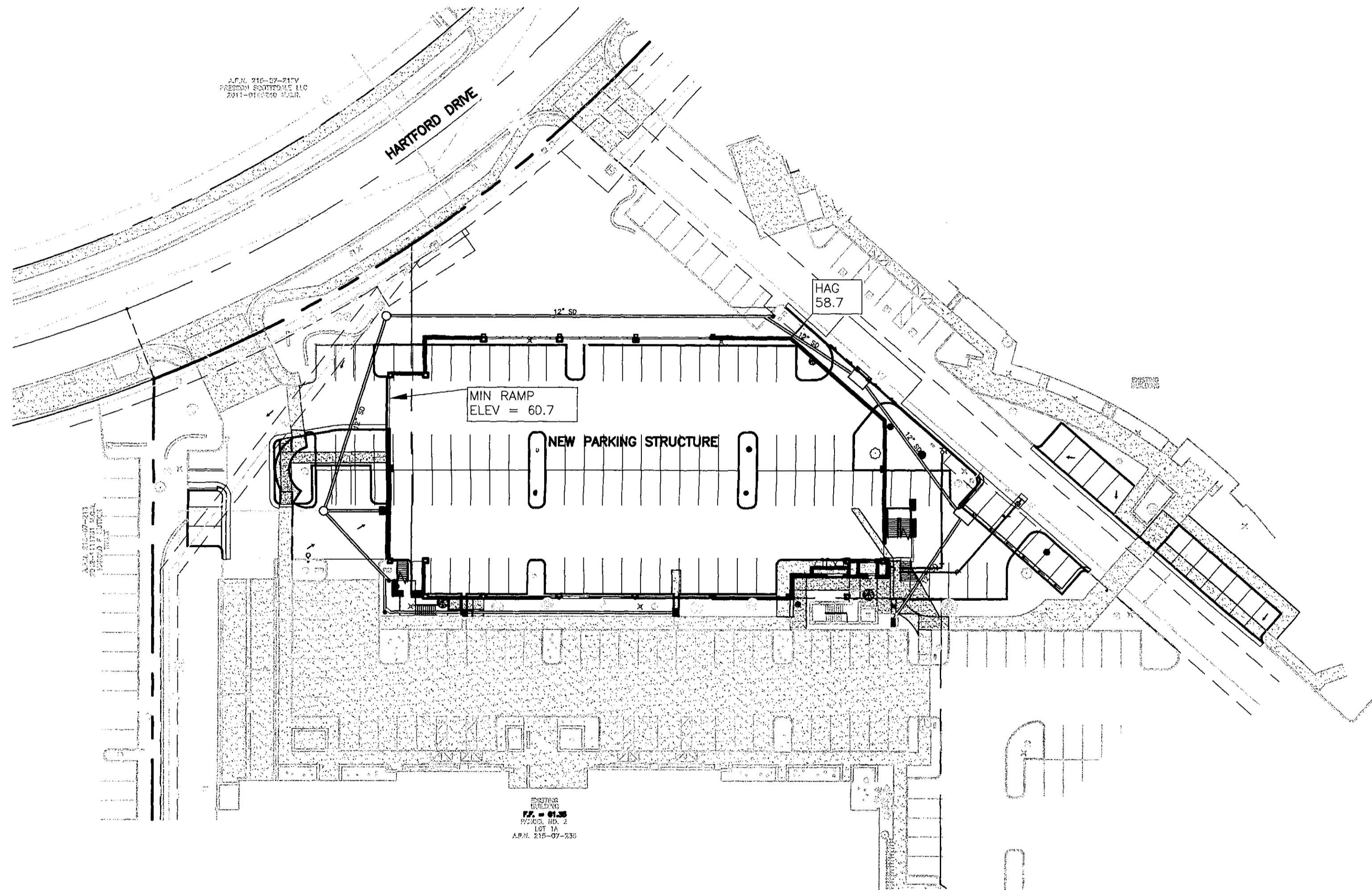
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FLOOD_ZONE STATEMENT

SITE REMAINS IN AN "AO" FLOOD ZONE WITH A 1-FOOT DEPTH EVEN THOUGH THE CONSTRUCTION OF THE LOOP 101 FREEWAY HAS EFFECTIVELY ELIMINATED THE FLOOD HAZARD. THE CITY OF SCOTTSDALE REQUIRES STRUCTURES TO BE ELEVATED 12" ABOVE THE BASE FLOOD ELEVATION. THE BASE FLOOD ELEVATION WAS DETERMINED FROM THE UNDISTURBED TOPOGRAPHY OF THE SITE AS SHOWN ON THE MASTER PLAN FOR PERIMETER CENTER (CIRCA 1988) USING THE HIGHEST ADJACENT GRADE (HAG) SURROUNDING THE NEW STRUCTURES. THE BASE FLOOD ELEVATION WAS 12" ABOVE THE HAG.

THE ORIGINAL PERIMETER CENTER PLANS WERE BASED ON NGVD 29. SINCE THE CURRENT CITY VERTICAL DATUM IS BASED ON NAVD 88, 1.736 FEET WAS ADDED TO THE PERIMETER CENTER CONTOURS TO ADJUST FOR THE DIFFERENCE IN DATUMS. THE HIGHEST ADJACENT GRADE (HAG) AT THE PARKING STRUCTURES HAS BEEN LABELED. THE GARAGE ENTRANCE ELEVATION HAS BEEN SET 2 FEET ABOVE THE HAG TO SATISFY THE CITY'S FLOOD ZONE REQUIREMENT.

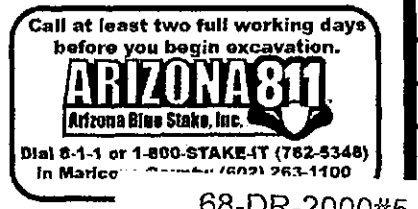
THE BACKGROUND CONTOURS ON THIS DRAWING ARE THE ORIGINAL UNDISTURBED CONTOURS FROM THE 1988 PERIMETER CENTER PLANS AND ARE ON THE NGVD 29 DATUM. THE HAG ELEVATIONS SHOWN ON THIS DRAWING HAVE BEEN ADJUSTED TO CONVERT FROM THE NGVD 29 DATUM TO THE NAVD 88 DATUM. THE MINIMUM RAMP ELEVATIONS SHOWN ARE BASED ON THE NAVD 88 DATUM.

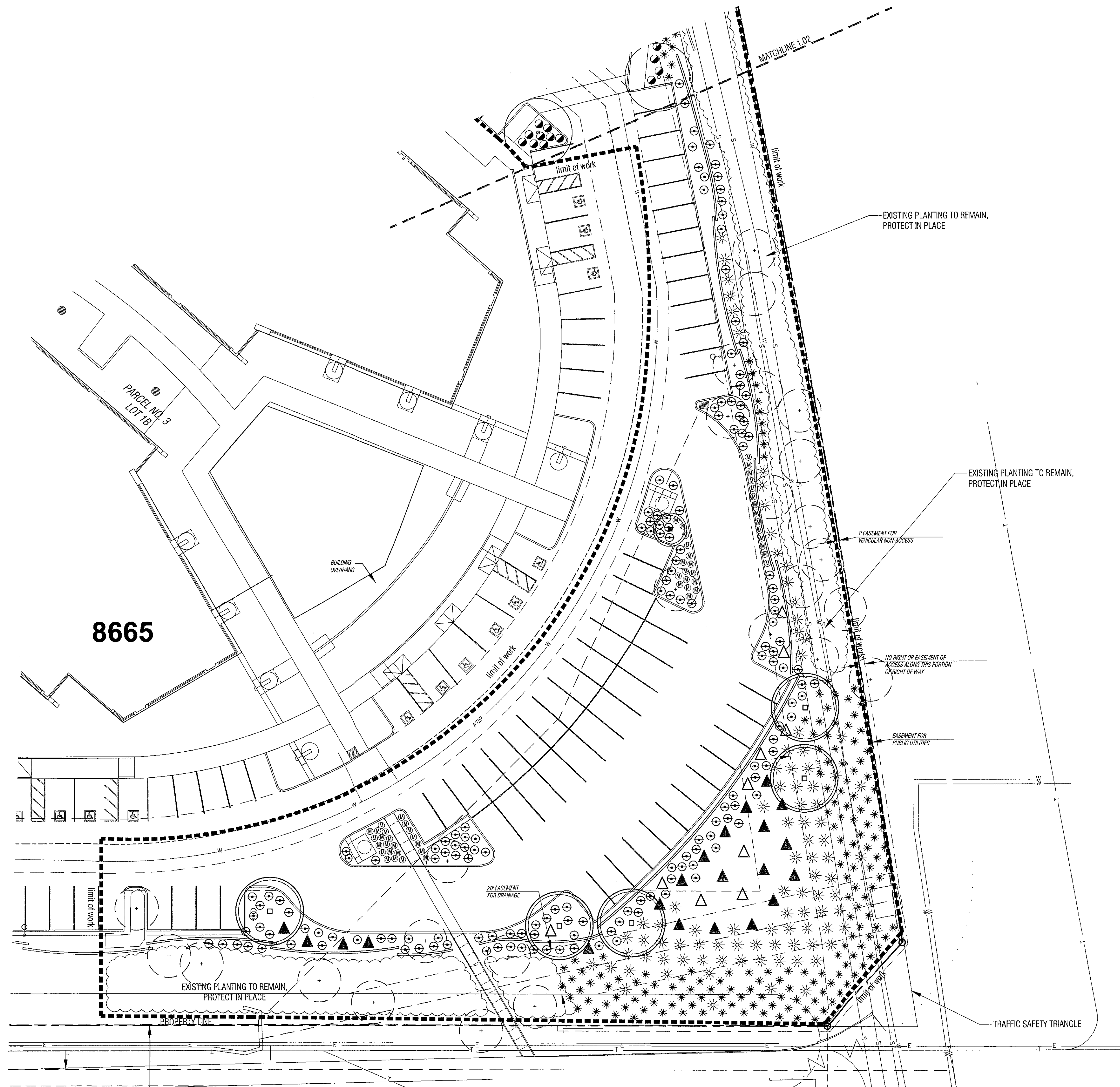


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BY		DESCRIPTION	
REV	DATE		
3400 N. Dycart Road Suite 130 Avondale, Arizona 85392 Phone: 623-547-2500 Fax: 623-547-2501			
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PROJECT	WENTWORTH PROPERTIES		
LOCATION	SCOTTSDALE, ARIZONA		
DRAWN BY	J.D.	DESIGNED BY	K.Z.
REVIEWED BY	K.Z.	DATE	10/20/16
TITLE	CONCEPTUAL FLOOD ZONE PLAN		
SITE ADDRESS			
SCALE:	1:40		
JOB NO.:	16-027		
SHEET	4		
OF	4		

STIPULATION SET
 RETAIN FOR RECORDS
 APPROVED
 10/20/16
 DATE





PLANT LEGEND:

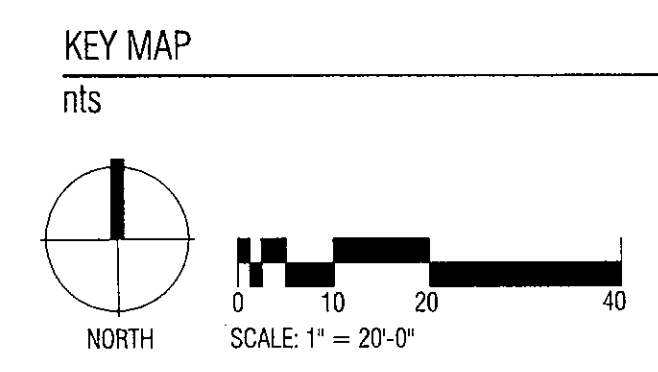
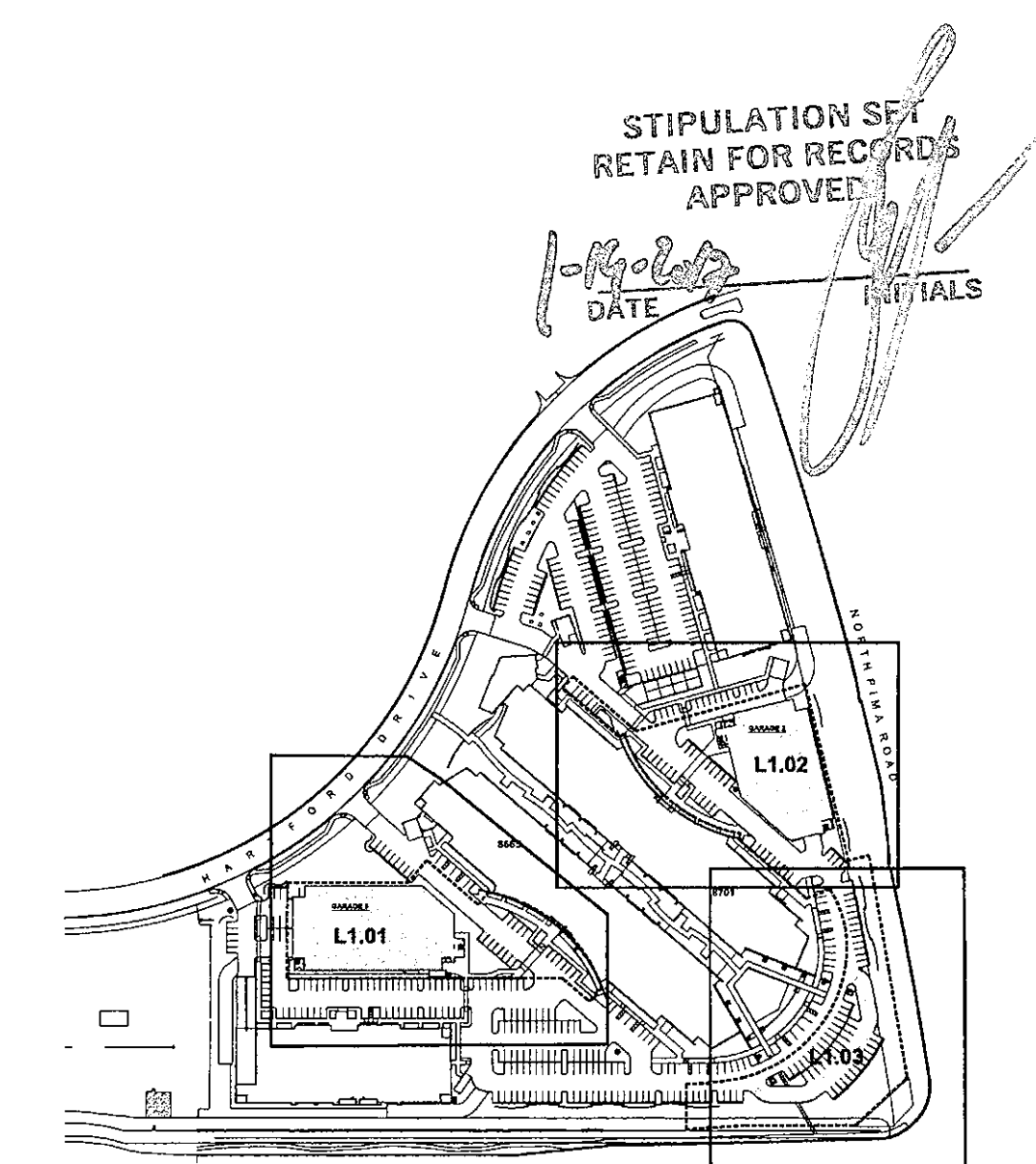
SYMBOL	TYPE	SIZE	QTY	REMARKS - HEIGHT X WIDTH - CALIPER SIZE
Trees				
(Symbol)	Existing Tree/Planting to Remain Protect in Place			
(Symbol)	<i>Caesalpinia mexicana</i> Mexican Bird of Paradise	24" Box	6	Multi-Trunk 5.0-7.0 3.0-4.0 1.0 Min.
(Symbol)	<i>Cercidium floridum</i> Blue Palo Verde	36" Box	7	Multi-Trunk 7.0-9.0 6.0-8.0 2.0 Min.
(Symbol)	<i>Cercidium praecox</i> Palo Brea	36" Box	9	Multi-Trunk 5.0-8.0 4.0-5.0 1.75 Min.
(Symbol)	<i>Prosopis velutina</i> Native Mesquite	36" Box	9	Multi-Trunk 8.0-10.0 6.0-8.0 1.75 Min.
(Symbol)	<i>Sophora secundiflora</i> Texas Mountain Laurel	24" Box	11	Multi-Trunk 3.0-4.0 2.0-3.0 .75 Min.
Shrubs				
(Symbol)	<i>Caesalpinia mexicana</i> Mexican bird of paradise	5 Gallon	21	
(Symbol)	<i>Calliandra eriophylla</i> Native Fairy Duster	5 Gallon	278	
(Symbol)	<i>Leucophyllum langmaniae</i> Lynn's Legacy	5 Gallon	26	
(Symbol)	<i>Ruellia brittoniana</i> Ruellia	5 Gallon	161	
Accents				
(Symbol)	<i>Agave weberi</i> Weber's Agave	5 Gallon	7	
(Symbol)	<i>Asclepias subulata</i> Desert Milkweed	5 Gallon	240	
(Symbol)	<i>Dasylistron wheeleri</i> Desert Spoon	5 Gallon	113	
(Symbol)	<i>Hesperaloe funifera</i> Giant Hesperaloe	5 Gallon	28	
(Symbol)	<i>Hesperaloe parviflora</i> Red Yucca	5 Gallon	169	
(Symbol)	<i>Opuntia ficus-indica</i> Indian Fig Prickly Pear	5 Gallon	41	
(Symbol)	<i>Opuntia violacea</i> 'Santa-Rita' Purple Prickly Pear	5 Gallon	16	
Groundcovers/Vines				
(Symbol)	<i>Lantana montevidensis</i> Trailing Lantana	1 Gallon	83	
(Symbol)	Lantana x 'New Gold' Gold Mound Lantana	1 Gallon	81	
(Symbol)	<i>Parthenocissus</i> sp Hacienda Creeper	5 Gallon	8	

NOTES

DUST CONTROL INFORMATION:
 IN ALL LANDSCAPE AREAS PROVIDE 1/2" MINUS DECOMPOSED GRANITE
 MINIMUM 2" DEPTH
 COLOR TO MATCH EXISTING

LANDSCAPE AREAS IN SQUARE FEET

ON-SITE LANDSCAPE AREA: 155,834
 RIGHT OF WAY LANDSCAPE AREA: 0
 PARKING LOT LANDSCAPE AREA: 50,200



DFDG
 DICK & FRITSCH DESIGN GROUP
 4545 EAST MCKINLEY STREET
 PHOENIX, ARIZONA 85008
 TELEPHONE: 602.954.9060
 FACSIMILE: 602.954.6954
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 39268
 ROGER
 SOONER
 ARIZONA
 expires: 6/30/15

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REVISIONS

TRUEFORM
 landscape architecture studio

2009 north 7th street
 phoenix, az 85006
 1480.382.4244
 www.trueformlas.com

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 12.21.2016

Wentworth Perimeter Center
 8665 & 8701 E. Hartford Drive
 Scottsdale, AZ

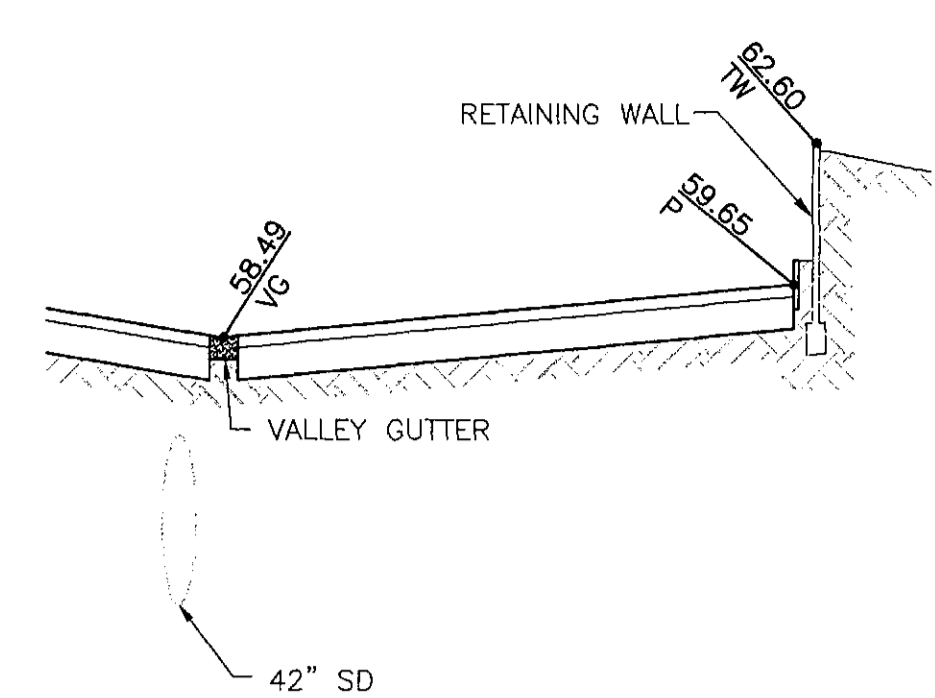
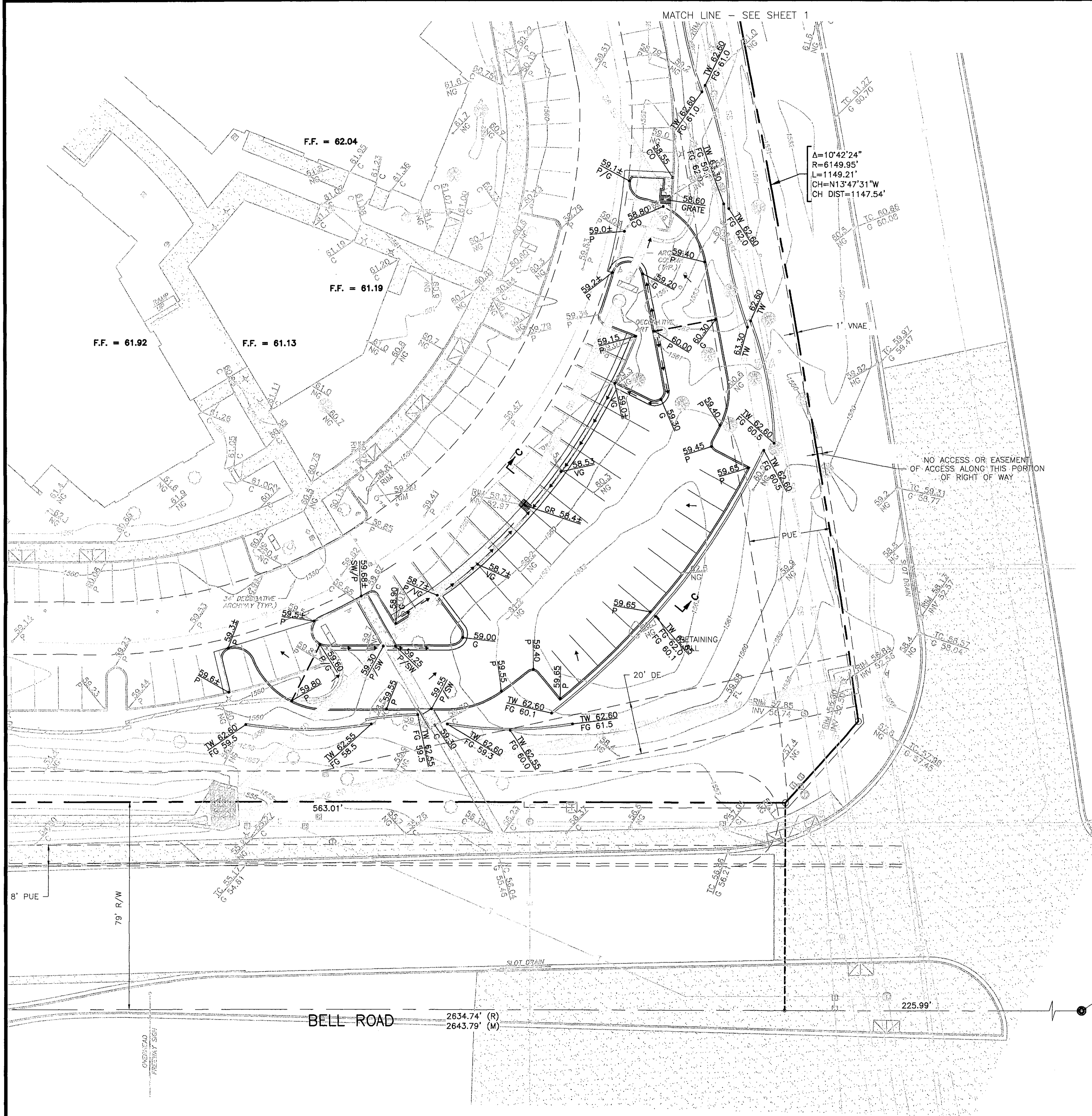
DFDG PROJECT NUMBER

LANDSCAPE PLAN
L1.03

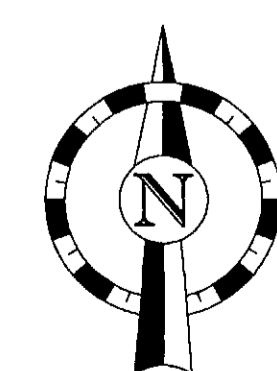
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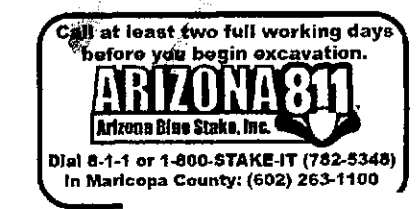
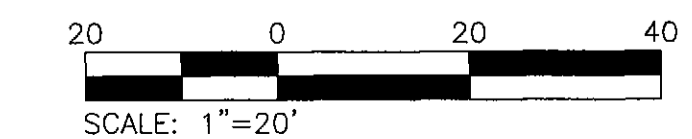
Layout Name: 2 CCD GARAGE 2



SECTION C-C
 HORIZ: 1"=20'
 VERT: 1"=4'

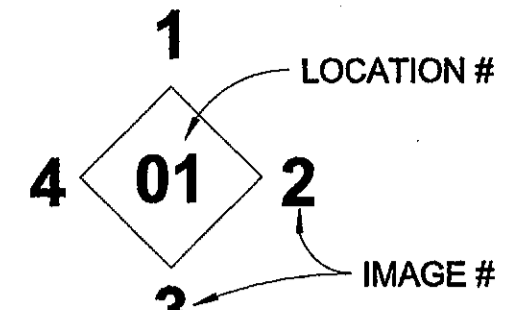
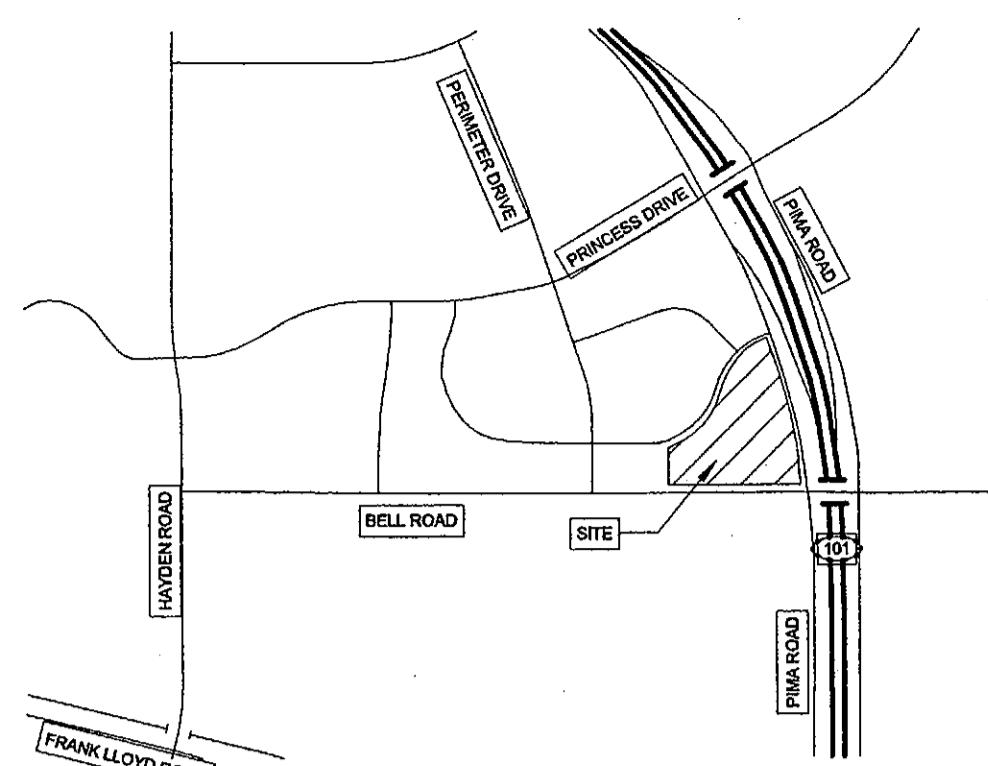


STIPULATION SET
 RETAIN FOR RECORDS
 APPROVED
 1-14-2017
 DATE



REV	DATE	DESCRIPTION	BY

1400 N. Dysart Road Suite 130 Avondale, Arizona 85392 Phone: 623-547-2500 Fax: 623-547-2501	
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PROJECT	WENTWORTH PROPERTIES GARAGE 2
LOCATION	SCOTTSDALE, ARIZONA
DRAWN BY	JD
DESIGNED BY	KZ
REVIEWED BY	KZ
DATE	10/20/16
TITLE	CONCEPTUAL GRADING & DRAINAGE PLAN
SITE ADDRESS	
SCALE:	1:20
JOB NO.:	16-027
SHEET	2 OF 4



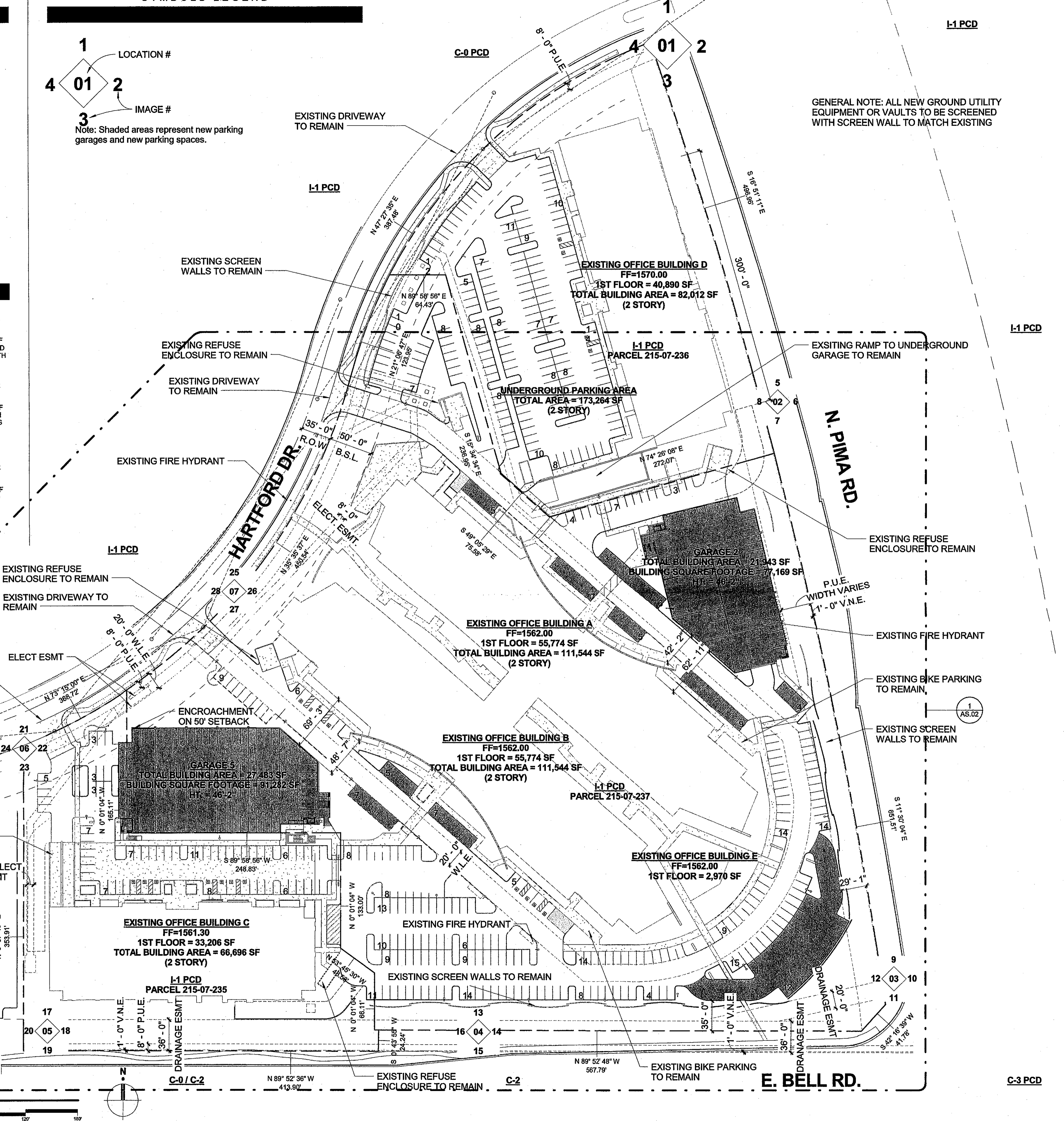
Note: Shaded areas represent new parking garages and new parking spaces.

LEGAL DESCRIPTION

PARCEL 215-07-235:
TH POR SE4 SEC 36 4N 4E DAF COM AT TH S4 COR SD SEC 36 TH E 787.57' TO CL PERIMETER DR TH N 85' TH E 55' TO ELY RW LN OF PERIMETER DR TH N 259.85' TO BEG OF CUR TO TH RIGHT HAV A RAD OF 20' TH NELY ALG CUR 31.42' TO PT ON SLY RW LN HARTFORD DR TH E 346.48' TO BEG CUR TO TH LEFT HAV A RAD OF 635' TH ALG SD CUR & ALG SD RW LN 237.52' TO POB TH CONT ALG CUR & ALG RW LN 136.10' TH S 165.11' TH E 248.83' TH S 133' TH S 53D 45M E 48.58' TH S 66.11' TH E 4.63' TH S 24.28' TO PT LN NLY RW LN BELL RD TH W 413.99' TH N 353.68' TO POB (AKA PARCEL 1A OF PERIMETER CENTER LOT 1 PER MCR 824-7)

PARCEL 215-07-236:
TH POR SE4 SEC 36 4N 4E DAF COM AT TH S4 COR SD SEC 36 TH E 787.57' TO CL PERIMETER DR TH N 85' TH E 55' TO ELY RW LN OF PERIMETER DR TH N 259.85' TO BEG OF CUR TO TH RIGHT HAV A RAD OF 20' TH NELY ALG CUR 31.42' TO PT ON SLY RW LN HARTFORD DR TH E 346.48' TO BEG CUR TO TH LEFT HAV A RAD OF 635' TH ALG SD CUR & ALG SD RW LN 237.52' TH CONT ALG CUR & ALG RW LN 136.10' TO POB TH CONT ALG CUR & ALG SD RW LN 461.09' TO BEG OF CUR HAV A RAD OF 565' TH ALG SD CUR 124.20' TH E 64.43' TH S 15D 34M E 236.95' TH S 18D 31M W 1.75' TH S 49D 05M E 75.58' TH N 74D 26M E 272.07' TO BEG OF CUR HAV A RAD OF 6149.95' TH ALG SD CUR 496.89' TH S 67D 31M W 18.58' TO BEG OF CUR HAV A RAD OF 585' TH ALG SD CUR 395.51' TO TH POB (AKA PARCEL 1C OF PERIMETER CENTER LOT 1 PER MCR 824-7)

PARCEL 215-07-237:
TH POR SE4 SEC 36 4N 4E DAF COM AT TH S4 COR SD SEC 36 TH E 787.57' TO CL PERIMETER DR TH N 85' TH E 55' TO ELY RW LN OF PERIMETER DR TH N 259.85' TO BEG OF CUR TO TH RIGHT HAV A RAD OF 20' TH NELY ALG CUR 31.42' TO PT ON SLY RW LN HARTFORD DR TH E 346.48' TO BEG CUR TO TH LEFT HAV A RAD OF 635' TH ALG SD CUR & ALG SD RW LN 237.52' TH CONT ALG CUR & ALG RW LN 136.10' TO POB TH CONT ALG CUR & ALG SD RW LN 461.09' TO BEG OF CUR HAV A RAD OF 565' TH ALG SD CUR 124.20' TH E 64.43' TH S 15D 34M E 236.95' TH S 18D 31M W 1.75' TH S 49D 05M E 75.58' TH N 74D 26M E 272.07' TO BEG OF CUR HAV A RAD OF 6149.95' TH ALG SD CUR 496.89' TH S 67D 31M W 18.58' TO BEG OF CUR HAV A RAD OF 585' TH ALG SD CUR 395.51' TO TH POB (AKA PARCEL 1B OF PERIMETER CENTER LOT 1 PER MCR 824-7)



GENERAL NOTE: ALL NEW GROUND UTILITY EQUIPMENT OR VAULTS TO BE SCREENED WITH SCREEN WALL TO MATCH EXISTING

Project Name: Wentworth Perimeter Center Parking Garages
 Project Address: 8665, 8701 and 8777 E. Hartford Drive, Scottsdale, Arizona 85255
 Project Description: Two new parking garages (Garage 2 and Garage 5) at the existing perimeter center. The project shall also include minor adjustments to the existing surface parking.
 APN: 215-07-235, 215-07-236, 215-07-237

Project Team:
OWNER: Wentworth Property Company, 2701 E. Camelback Rd., Ste. 185, Phoenix, Arizona 85016, Contact: Jared Langenhuizen, Phone: 602.296-1098, Fax: 602.296.0001, Email: jlangenhuizen@wentprop.com
ARCHITECT: DFDG, 4545 E. McKinley St., Phoenix, Arizona 85008, Contact: Jim Lloyd, Phone: 602.761.5112, Email: jlloyd@dfdg.com
CIVIL ENGINEER: Zell Company, LLC, 3400 N. Dysart Road, Ste. 130, Avondale, Arizona 85392, Contact: Ken Zell, Phone: 623.547.2500, Fax: 623.547.2501, Email: kzell@zell-co.com
LANDSCAPE: Trueform Landscape Architecture Studio, 2009 N. 7th St., Ste. F, Phoenix, Arizona 85006, Contact: Roger Socha, Phone: 480.362.4244, Fax: 480.518.2053, Email: roger.socha@trueformllas.com

Site Area:
 Gross: +/- 726,319 s.f. (+/- 16.674 Acres)
 Net: +/- 726,319 s.f. (+/- 16.674 Acres)
 Zoning: I-1 PCD
 Building Height: Allowed: 52'-0" per Zoning Ordinance, Provided: 46'-0" at Garage Elevators (Max Bldg Height On Site)
 Gross Floor Area: Building: Existing Building A: 1st Floor: 55,774 s.f., Total Gross Building Area: 111,504 s.f.; Existing Building B: 1st Floor: 55,774 s.f., Total Gross Building Area: 111,504 s.f.; Existing Building C: 1st Floor: 33,206 s.f., Total Gross Building Area: 66,646 s.f.; Existing Building D: 1st Floor: 40,890 s.f., Total Gross Building Area: 82,012 s.f.; Existing Building E: 1st Floor: 3,622 s.f., Total Gross Building Area: 5,265 s.f.; Building Total: 1st Floor: 188,066 s.f., Existing Gross Building Area: 376,931 s.f.
 Parking Garage (Per CoS Zoning Definitions Gross Floor Area Does Not Include Parking Areas): Existing Underground Garage C: 1st Floor: +/- 54,607 s.f., Total Gross Building Area: +/- 109,214 s.f.; Existing Underground Garage D: 1st Floor: 86,632 s.f., Total Gross Building Area: 173,264 s.f.; New Garage 2: 1st Floor: 22,033 s.f., Total Gross Building Area: 77,169 s.f.; New Garage 5: 1st Floor: 27,590 s.f., Total Gross Building Area: 91,282 s.f.; Garage Total: 1st Floor: 190,862 s.f., Garage Gross Building Area: 450,929 s.f.

Total: 1st Floor: 378,928 s.f., Gross Garage Area: 827,860 s.f.
 Floor Area Ratio (Per CoS Zoning Definitions Gross Floor Area Does Not Include Parking Areas): Allowed: 726,319 s.f. x .80 = 581,055 s.f.; Provided: (Exist, No Change) 376,931 s.f.

Open Space: Required: Height Used: Garage Elevator (Tallest Point): 46'; Base Ht. For First 10%: -12'; Ht. for Additional Open Space Required: 34'; Complete Site: (726,319 s.f. x .10) + (.003 x 726,319 s.f. x 34) = 146,717 s.f.; Provided: 155,634 s.f. Including 88,982 s.f. of Front Open Space

Parking Lot Landscape Area: Required: 208,620 s.f. (Parking Lot Area) x .15 = 31,293 s.f. Including (31,293 s.f. / 3) 10,431 s.f. of LS Islands Distributed in the Parking Lot; Provided: 50,200 s.f. Including 17,525 s.f. of LS Islands Distributed in the Parking Lot

Parking: Vehicle: Required: Total Spaces: 376,931 s.f. @ 1 Space/300 s.f. = 1,257 Spaces; Accessible Spaces (4%): Surface Lot Parking = 21 Spaces; New Garage 2 Parking = 9 Spaces; New Garage 5 Parking = 12 Spaces

Provided: Existing Underground Garage Parking: 623 Spaces, Including 8 Accessible Spaces; Existing Surface Lot Parking: 631 Spaces, Including 25 Accessible Spaces (194) Spaces, Including (6) Accessible Spaces (Removed); New Surface Lot Parking: 80 Spaces, Including 2 Accessible Spaces; New Garage 2 Parking: 209 Spaces, Including 9 Accessible Spaces; New Garage 5 Parking: 277 Spaces, Including 12 Accessible Spaces; Total Parking Provided: 1,626 Spaces, Including 50 Accessible Spaces; Previous Total Parking Count: 1,254 Per Site Plan Worksheet Provided By Owner; Total Parking Gained: 372 Spaces, Including 17 Accessible Spaces

Bicycle: Required (Existing, No Change): 102; Provided (Existing, No Change): 102

1 Site Plan 1" = 60'-0"



4545 East McKinley Street
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 www.dfdg.com

OVERALL SITE PLAN

10/19/16
 PRELIMINARY FOR CONSTRUCTION
 Wentworth Properties
 68-DR-2000 #5
 10/28/2016