

OWNER/DEVELOPER:
TERRIBLE'S
5195 S LAS VEGAS BLVD
LAS VEGAS, NV 89119
CONTACT: HOLLEN HERBST
702.597.6260
HHERBST@TERRIBLES.COM

SURVEYOR:
SUPERIOR SURVEYING SERVICES, INC.
2122 W. LONE CACTUS DR, STE 11
PHOENIX, AZ 85027
CONTACT: DAVID KLEIN, R.L.S.
602.869.0223
DAVID@SUPERIORSURVEYING.COM

GEOTECHNICAL
TERRANE ENGINEERING CORP.
507 E. BOISTON CIR.
CHANDLER, AZ 85225
CONTACT: FRANK COSTELLO, P.E.
480.894.1207
PACO@TERRANE-ENG.COM

CIVIL ENGINEER:
ATWELL LLC
645 EAST MISSOURI AVENUE, STE 420
PHOENIX, AZ 85012
CONTACT: DAVID WEST, P.E.
602.753.5517
DWEST@ATWELL.COM

TRAFFIC ENGINEER:
GREENLIGHT TRAFFIC ENGINEERING
104050 N. 83RD AVENUE, STE 290
PEORIA, AZ 85381
CONTACT: SCOTT KELLEY
602.499.1339
SCOTTK@GREENLIGHTTE.COM

LANDSCAPE ARCHITECT:
TJM & ASSOCIATES, INC.
104500 N. 7TH STREET, STE 120
SCOTTSDALE, AZ 85258
CONTACT: TIM MCQUEEN
602.265.0320
TIMMCQUEEN@TJMLA.NET

ARCHITECT:
ARCHICON ARCHITECTURE
AND INTERIORS, L.C.
5055 E. WASHINGTON ST.
SUITE 200
PHOENIX, AZ 85034
CONTACT: MITCHELL MASTRIN, R.A.
602.222.4266
MITCHELLM@ARCHICON.COM

MPE ENGINEER:
ASEI ENGINEERING
2410 W. ROYAL PALM ROAD, STE A
PHOENIX, AZ 85021
CONTACT: SCOTT WEESNER
602.287.0300
SWEESNER@ASEIENGINEERING.COM

KEYNOTES

- EXISTING CONCRETE CURB
- FUTURE EV PARKING SPACES
- EXISTING CONCRETE SIDEWALK TO REMAIN
- EXISTING DRIVEWAY ACCESS
- NEW 6" HIGH CONCRETE CURB
- NEW ASPHALT PAVING
- NEW CONCRETE PAVING
- NEW 3'-0" HIGH CMU SCREEN WALL.
- NEW MONUMENT SIGN (UNDER SEPARATE PERMIT) LOCATION TBD
- UNDERGROUND FUEL TANKS
- NEW FUELING STATION WITH CANOPY
- ADA PARKING SPACE
- ADA SIGNAGE
- ADA RAMP
- PEDESTRIAN ACCESS PATH TO BE COLORED AND A DIFFERENT MATERIAL THEN THE ADJACENT MATERIAL
- BIKE RACK
- TRASH ENCLOSURE WITH MASONRY WALLS, STEEL GATES ON CONC S.O.G., PAINTED TO MATCH BUILDING

- NEW ELECTRICAL TRANSFORMER ON CONC PAD
- LANDSCAPE AREA
- S.E.S. LOCATION
- PALM TREE
- EXISTING FIRE HYDRANT
- NEW FIRE HYDRANT, LOCATION TBD
- FUELING PUMP
- F.D.C. (FIRE DEPT. CONNECTION)
- 10' X 20' SIGHT VISIBILITY TRIANGLE
- AIR/WATER CONTROL BOX
- FIRE RISER LOCATION
- NEW CONCRETE SIDEWALK
- NEW 3'-3.5' MASONRY SCREEN WALL, STAGGERED BY AT LEAST 24" AT INTERVALS NO MORE THAN 30'
- EXISTING CONCRETE SPILLWAY
- FIRE LANE, WITH 35' INSIDE RADIUS AND 55' OUTSIDE RADIUS, CAPABLE OF SUPPORTING 75,000 POUND FIRE APPARATUS

DEVELOPMENT STANDARDS:
MAX. BLDG HT. 40'
FRONT: 10'
INTERIOR SIDE: 0'
STREET SIDE: 10'
REAR: 20'
MIN. LOT WIDTH 25'
MAX LOT COV. NONE

SITE PLAN NOTES:

- DEVELOPMENT AND USE OF THIS SITE WILL CONFORM TO ALL APPLICABLE CODES AND ORDINANCES.
- ALL NEW OR RELOCATED UTILITIES WILL BE PLACED UNDERGROUND.
- STRUCTURES AND LANDSCAPING WITHIN A TRIANGLE MEASURE BACK 10 FT FROM THE PROPERTY LINE AND 20 FT ALONG THE PROPERTY LINE ON EACH SIDE OF THE DRIVEWAY ENTRANCES WILL BE MAINTAINED AT A MAXIMUM HEIGHT OF 3 FT.
- STRUCTURES AND LANDSCAPING WITHIN A TRIANGLE MEASURING 33 FT X 33FT ALONG THE PROPERTY LINES WILL BE MAINTAINED AT A MAXIMUM HEIGHT OF 3 FT.
- AN ASSOCIATION, INCLUDING ALL PROPERTY OWNERS IN THE DEVELOPMENT, WILL BE FORMED AND HAVE RESPONSIBILITY FOR MAINTAINING ALL COMMON AREAS NOTED AS "TRACTS" OR "EASEMENTS", INCLUDING PRIVATE STREETS, LANDSCAPED AREAS, AND DRAINAGE FACILITIES IN ACCORDANCE WITH APPROVED PLANS.
- ANY LIGHTING WILL BE PLACED SO AS TO DIRECT LIGHT AWAY FROM ADJACENT RESIDENTIAL DISTRICTS AND WILL NOT EXCEED ONE FOOT CANDLE AT THE PROPERTY LINE. NO NOISE, ODOR, OR VIBRATION WILL BE EMITTED AT ANY LEVEL EXCEEDING THE GENERAL LEVEL OF NOISE, ODOR, OR VIBRATION EMITTED BY USES OUTSIDE OF THE SITE.
- OWNERS OF PROPERTY ADJACENT TO PUBLIC RIGHTS-OF-WAY WILL HAVE THE RESPONSIBILITY FOR MAINTAINING ALL LANDSCAPING LOCATED WITHIN THE RIGHTS-OF-WAY, IN ACCORDANCE WITH THE APPROVED PLANS.
- ALL ROOFTOP EQUIPMENT AND SATELLITE DISHES SHALL BE SCREENED TO THE HEIGHT OF THE TALLEST EQUIPMENT.
- ALL SERVICE AREAS SHALL BE SCREENED TO CONCEAL TRASH CONTAINERS, LOADING DOCKS, TRANSFORMERS, BACK-FLOW PREVENTERS AND ALL OTHER MECHANICAL OR ELECTRICAL EQUIPMENT FROM EYE LEVEL ADJACENT TO ALL PUBLIC STREETS.
- BARBED, RAZOR, OR CONCERTINA WIRE (OR SIMILAR) SHALL NOT BE USED ON THIS SITE WHERE VISIBLE FROM PUBLIC STREETS OR ADJACENT RESIDENTIAL AREAS.
- ALL SIGNAGE REQUIRES SEPARATE REVIEWS, APPROVALS AND PERMITS. NO SIGNS ARE APPROVED PER THIS PLAN.

PROJECT DESCRIPTION:

THIS DEVELOPMENT WILL CONSIST OF A MOTOR VEHICLE FUEL STATION, A CONVENIENCE STORE, AND A CARWASH. THE FUEL STATION WILL ACCOMMODATE 14 VEHICLES. THE EXISTING SITE IS VACANT.

JURISDICTION: PINAL COUNTY
ADDRESS: 17973 N. PORTER ROAD
MARICOPA, ARIZONA 85138
ASSESSOR PARCEL NO. (APN): 510-30-002D
S/T/R: 36/04S/03E

PROPERTY DESCRIPTION: LOT 1 OF THE MINOR LAND DIVISION FOR REV AT PORTER, ACCORDING TO THE RECORD OF SURVEY RECORDED IN THE OFFICIAL RECORDS OF PINAL COUNTY, ARIZONA AS INSTRUMENT NO. 2021-039200; LOCATED IN SECTION 36, TOWNSHIP 04 SOUTH, RANGE 03 EAST. 154,741 SQUARE FEET, 3.55 ACRES

EXISTING ZONING: NEIGHBORHOOD COMMERCIAL (NC)
PROPOSED ZONING: GENERAL COMMERCIAL (GC)

APPROX. SITE AREA: (NET): 154,729 S.F. (3.55 ACRES)

BUILDING AREAS:	
CONVENIENCE STORE	6,222 SF
CAR WASH	800 SF
EQUIPMENT ROOM	500 SF
FUEL STATION	4,444 SF
TOTAL	11,966 SF

LOT COVERAGE: (INCLUDING FUEL STATION) = 11,966 / 154,729 = 7.7%

OCCUPANCY: M MERCANTILE (RETAIL STORE & MOTOR FUEL DISPENSING)

CONSTRUCTION: V-B WITH A.F.E.S.(AUTOMATIC FIRE EXTINGUISHING SYSTEM)

BUILDING HEIGHT ALLOWED: 40'-0" (MAXIMUM)

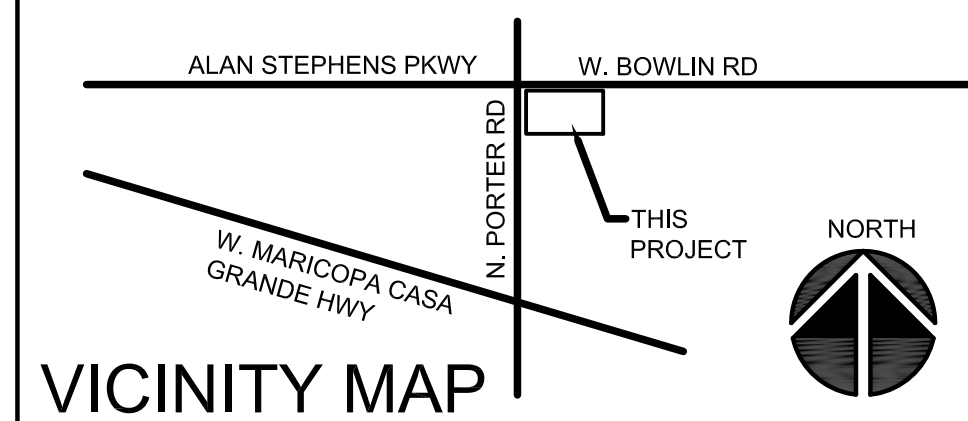
BUILDING HT PROPOSED: 32'-0" TO HP OF ARCHITECTURAL ROOF
27'-8" TO EAVE OF HIGH ROOF

REQUIRED PARKING CALCULATIONS:

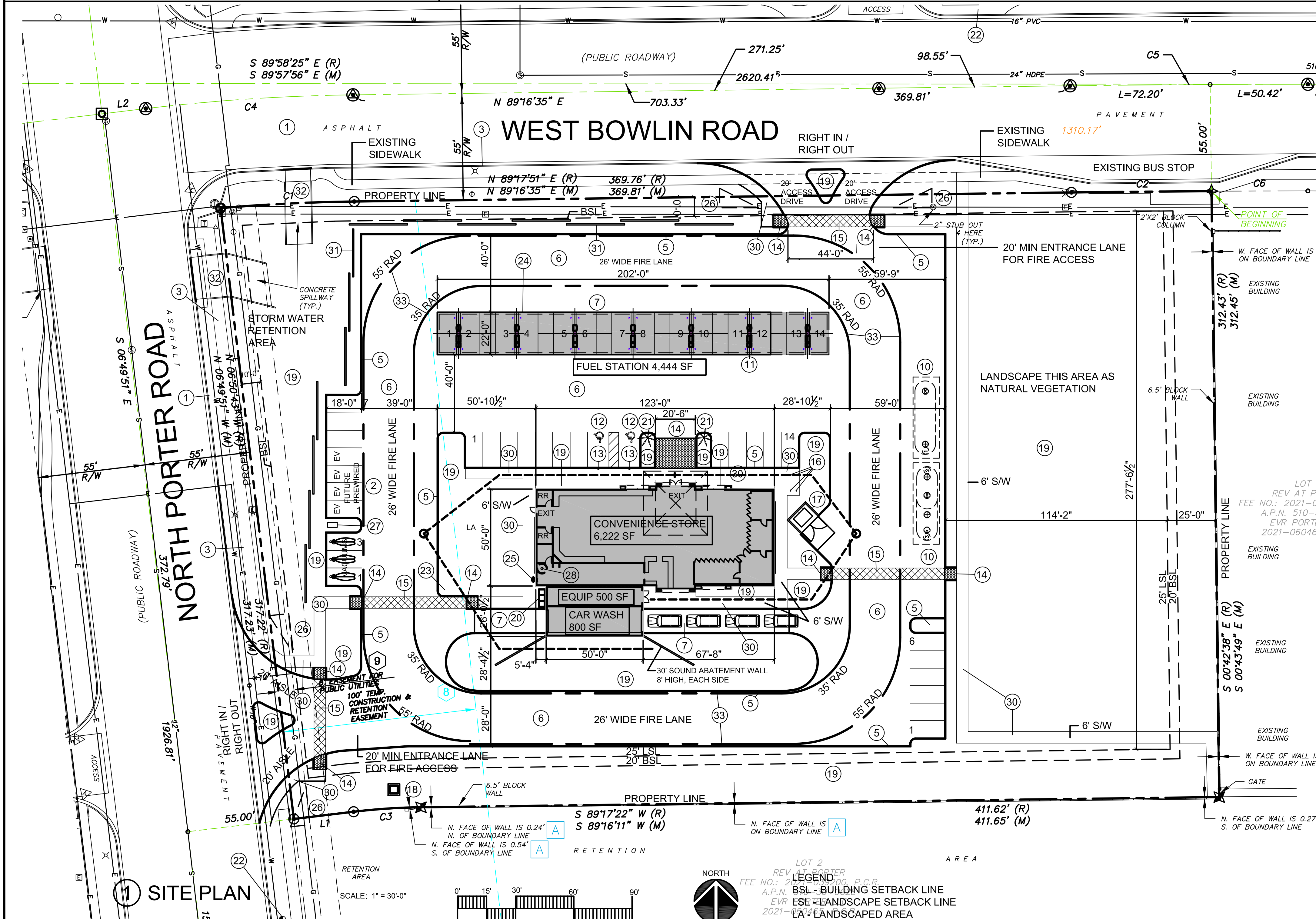
	AREA	FACTOR	TOTAL REQ'D
CONVENIENCE STORE RETAIL AREA	4,000 SF	1 / 100 SF	40 SPACES
CAR WASH / EQUIP RM	1,300 SF	1 / 375 SF	4 SPACES
TOTAL PARKING SPACES REQUIRED			44 SPACES
TOTAL PARKING SPACES PROVIDED:			44 SPACES

ACCESSIBLE PARKING SPACES PROVIDED: 2 SPACES - VAN ACCESSIBLE

BICYCLE SPACES PROVIDED: 4 SPACES



APPROVALS



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NEW TERRIBLE'S COMMERCIAL DEVELOPMENT
FUEL STATION, CONVENIENCE STORE & CAR WASH
17973 N. PORTER ROAD
MARICOPA, AZ 85138

PROJECT NUMBER: 2428110-07
PROJECT MANAGER: MDM
DRAWN BY: MDM
CHECKED BY: JP

1	CITY COMMENTS	25.6.9

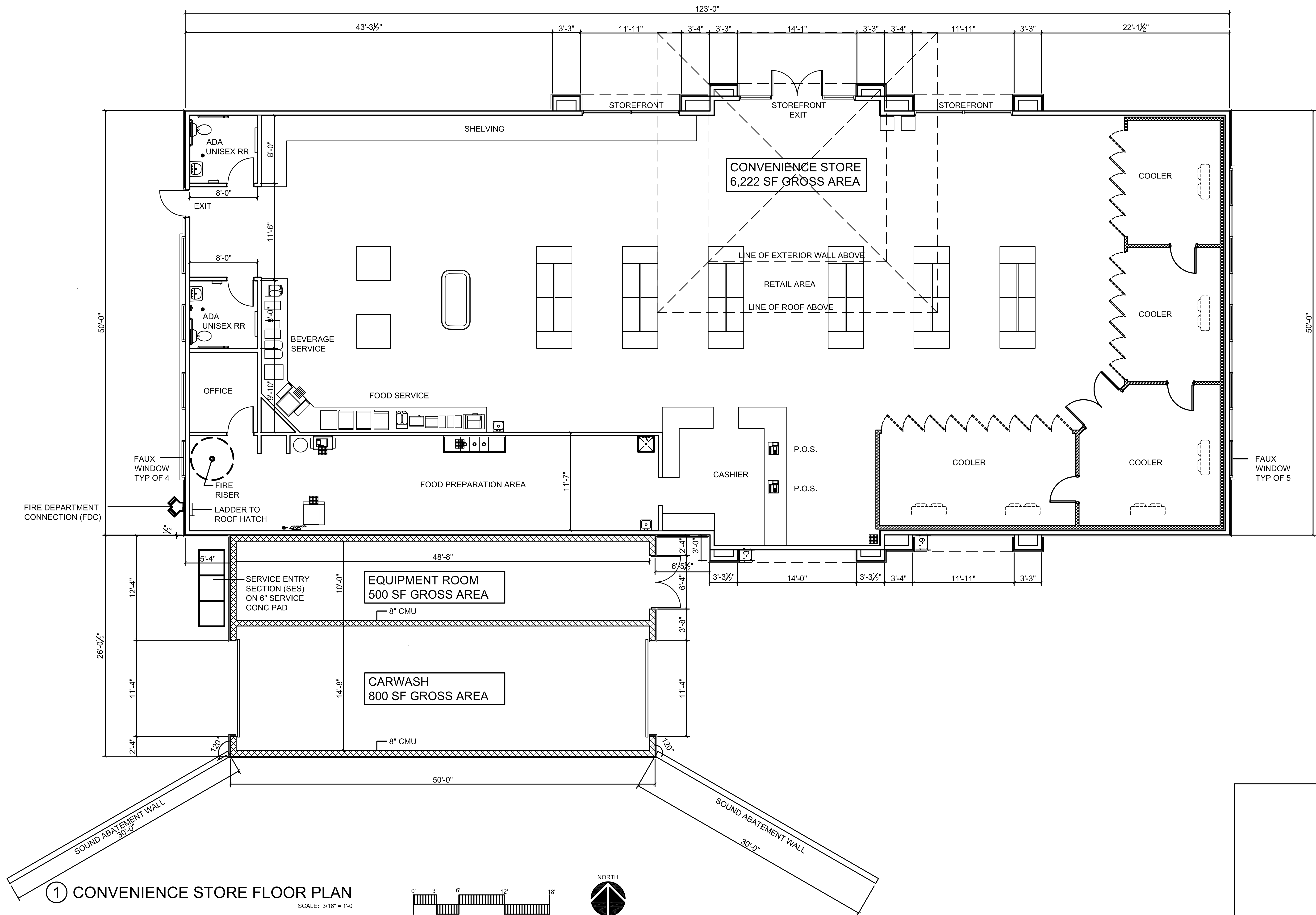
SHEET DESCRIPTION
SITE PLAN



SHEET NO.

DR100

ISSUE DATE: 25.6.17



1 CONVENIENCE STORE FLOOR PLAN

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

EXTERIOR DIMENSIONS TO EXTERIOR FACE OF SHEATHING BOARD OR MASONRY
INTERIOR DIMENSIONS TO FACE OF GYPSUM BOARD

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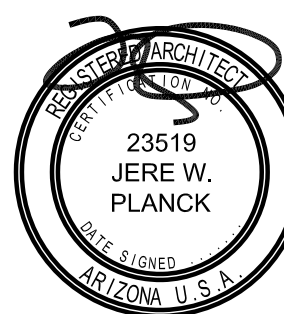
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MARICOPA, AZ 85138

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1	CITY COMMENTS	25.6.9

SHEET DESCRIPTION
C-STORE FLOOR PLAN

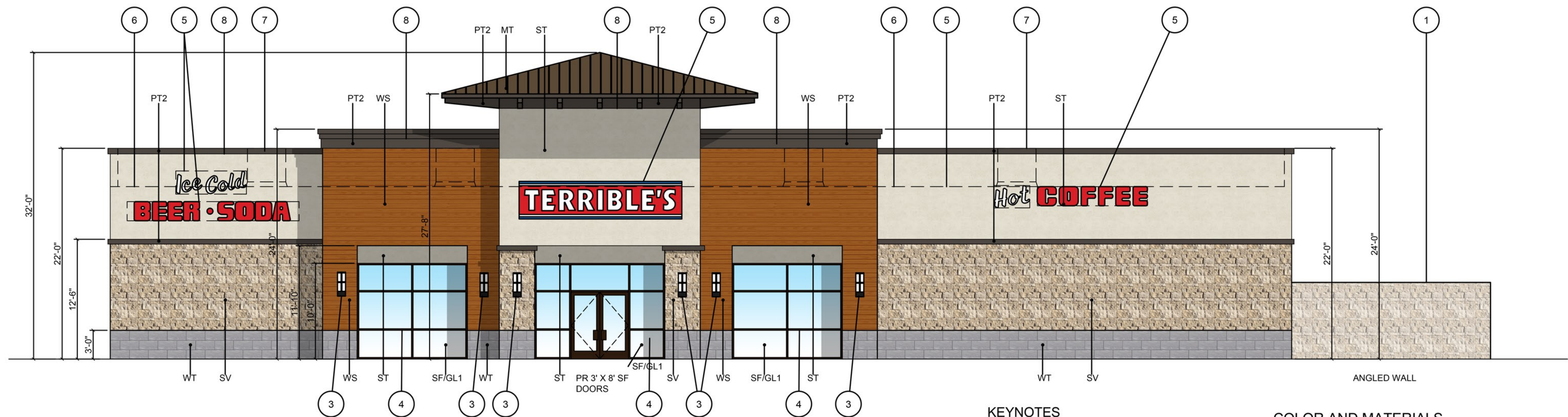


SHEET NO.

DR200

ISSUE DATE:

APPROVALS



① NORTH ELEVATION

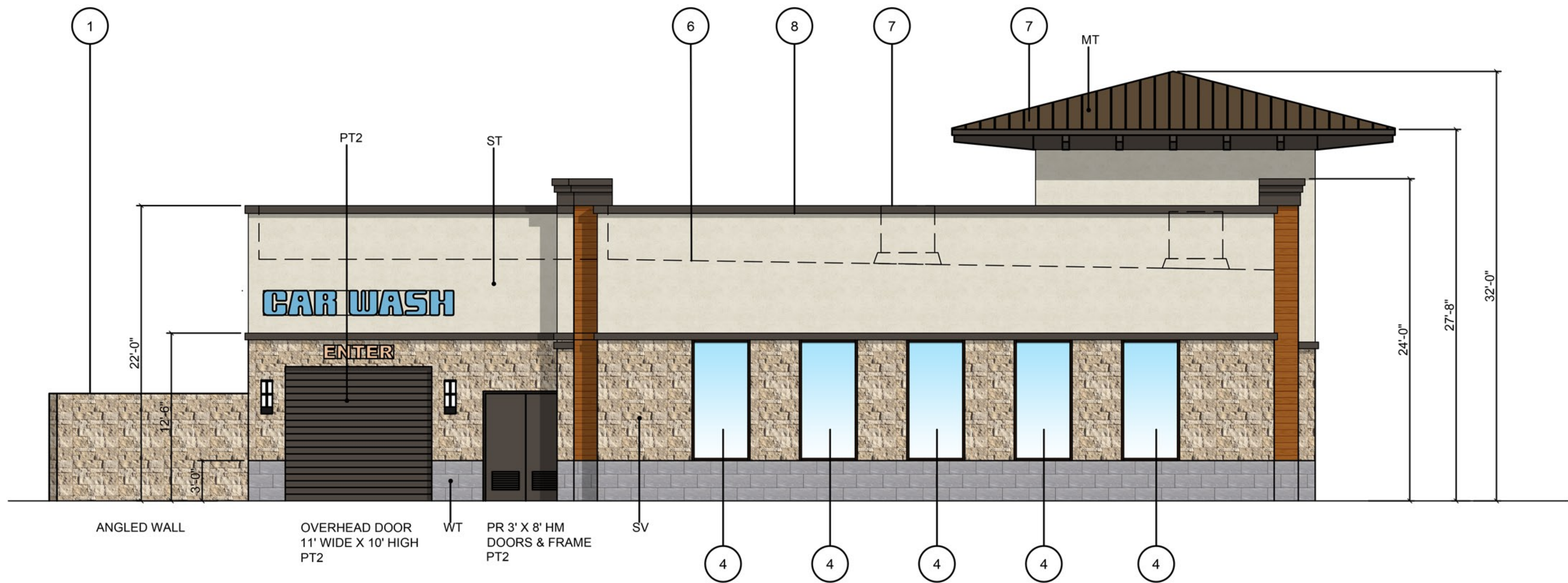
SCALE: 3/16" = 1'-0"

KEYNOTES

- 1 SOUND ABATEMENT WALL, 8' -0" HIGH
- 2 INSULATED HOLLOW METAL DOOR AND FRAME
- 3 LED LIGHT FIXTURE SURFACE MOUNTED
- 4 ALUMINUM STOREFRONT WITH INSULATED GLAZING
- 5 SIGNAGE UNDER SEPARATE PERMIT
- 6 ROOF LINE (DASHED)
- 7 MECHANICAL UNIT (DASHED) FULLY SCREENED
- 8 LED LIGHT FIXTURE LOCATED ON SOFFIT BELOW PARAPET

COLOR AND MATERIALS

- [ST]** 7/8" STUCCO FINISH ON SELF FURRING GALV. METAL LATH WITH FRY REGLET CORNERS, MOLDING AND TRIM.
COLOR: SW 6098 PACER WHITE
FINISH: FLAT FINISH
MANUF: SHERWIN WILLIAMS
- [WS]** WOOD SIDING (ALLURA CEMENT FIBERBOARD)
8" LAP SIDING, TEXTURED
COLOR: ARMORSHHELL, MAPLE T.S.
MANUF: NORTHWEST
- [MT]** METAL ROOFING STANDING SEAM
COLOR: MEDIUM BRONZE
MANUF: BERRIDGE OR EQUAL
- [PT1]** PAINT
COLOR: SW 6098 PACER WHITE
FINISH: SATIN
MANUF: SHERWIN WILLIAMS
- [PT2]** PAINT
COLOR: SW 7020 BLACK FOX
FINISH: FLAT
MANUF: SHERWIN WILLIAMS
- [SV]** STONE VENEER
TYPE: STACKED STONE CUT COURSE
COLOR: SEASHELL
MANUF: EL DORADO STONE
- [WT]** PORCELAIN WALL TILE
TYPE: PORCELAIN 12" X 24" AMBASSADOR
COLOR: GLOBAL GREY AM35 MATTE WITH MAPEI GROUT 112
MANUF: MEDIUM GREY DALTILE
- [SF/GL]** STOREFRONT
SF - ARCADIA ALUMINUM AFG451T MEDIUM STILE DARK BRONZE
GL1 - VITRO SOLARBAN 90 (2) CLEAR + CLEAR 1" INSULATING GLASS UNIT, 51% VLT, 12% EXT. REFL., 19% INT. REFL., 0.24 U-VALUE (ARGON), 0.23 SHGS, 2.22 LSG
GL2 - VITRO SPANDREL GLASS



② EAST ELEVATION

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

APPROVALS



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1	CITY COMMENTS	25.6.9

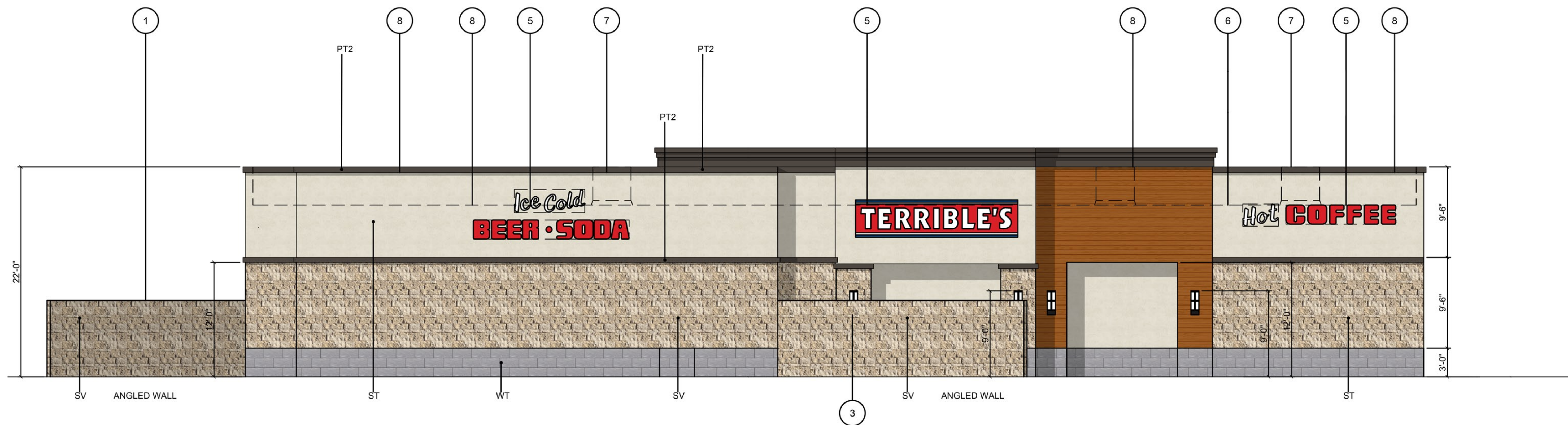
SHEET DESCRIPTION
N & E EXTERIOR
ELEVATIONS COLORED



SHEET NO.

DR300C

ISSUE DATE:



③ SOUTH ELEVATION

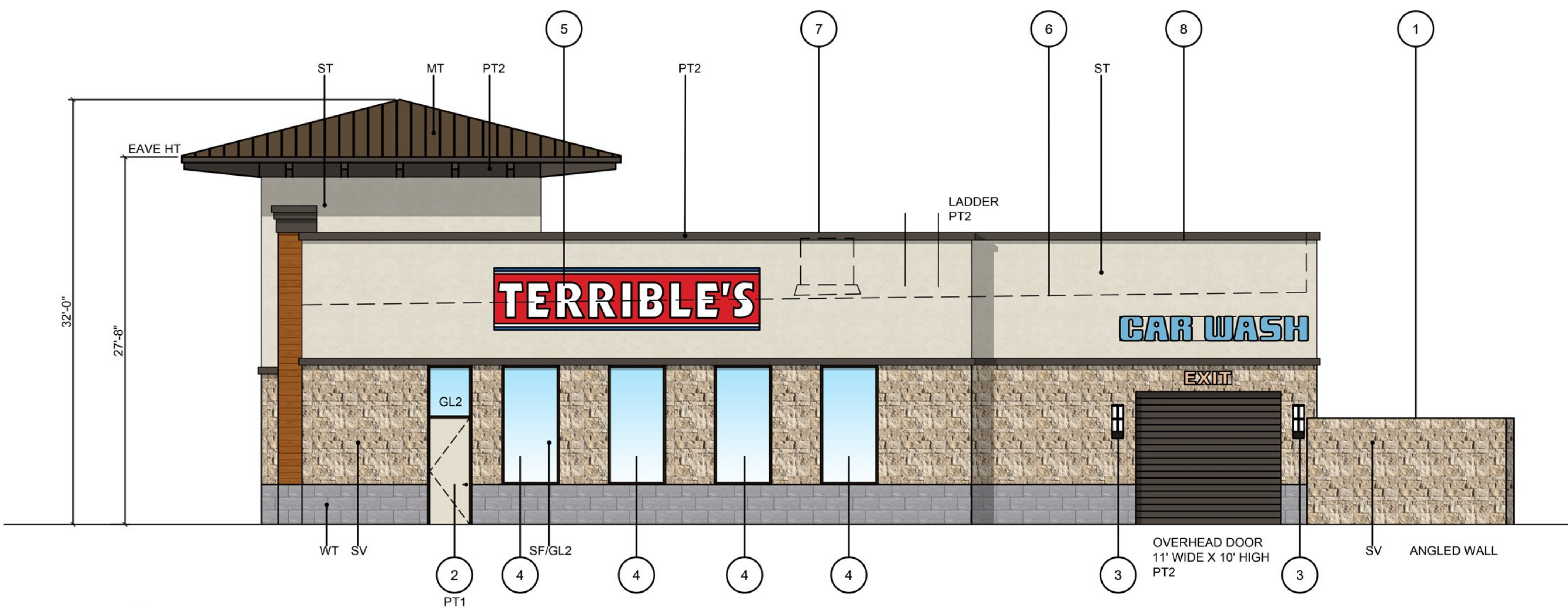
SCALE: 3/16" = 1'-0"

KEYNOTES

- 1 SOUND ABATEMENT WALL, 8'-0" HIGH
- 2 INSULATED HOLLOW METAL DOOR AND FRAME
- 3 LED LIGHT FIXTURE SURFACE MOUNTED
- 4 ALUMINUM STOREFRONT WITH INSULATED GLAZING
- 5 SIGNAGE UNDER SEPARATE PERMIT
- 6 ROOF LINE (DASHED)
- 7 MECHANICAL UNIT (DASHED) FULLY SCREENED
- 8 LED LIGHT FIXTURE LOCATED ON SOFFIT BELOW PARAPET

COLOR AND MATERIALS

- ST** 7/8" STUCCO FINISH ON SELF FURRING GALV. METAL LATH WITH FRY REGLET CORNERS, MOLDING AND TRIM.
COLOR: SW 6098 PACER WHITE
FINISH: FLAT FINISH
MANUF: SHERWIN WILLIAMS
- WS** WOOD SIDING (ALLURA CEMENT FIBERBOARD)
8" LAP SIDING, TEXTURED
COLOR: ARMORSHHELL, MAPLE T.S.
MANUF: NORTHWEST
- MT** METAL ROOFING STANDING SEAM
COLOR: MEDIUM BRONZE
MANUF: BERRIDGE OR EQUAL
- PT1** PAINT
COLOR: SW 6098 PACER WHITE
FINISH: SATIN
MANUF: SHERWIN WILLIAMS
- PT2** PAINT
COLOR: SW 7020 BLACK FOX
FINISH: FLAT
MANUF: SHERWIN WILLIAMS
- SV** STONE VENEER
TYPE: STACKED STONE CUT COURSE
COLOR: SEASHELL
MANUF: EL DORADO STONE
- WT** PORCELAIN WALL TILE
TYPE: PORCELAIN 12" X 24" AMBASSADOR
COLOR: GLOBAL GREY AM35 MATTE WITH MAPEI GROUT 112
MANUF: DAL TILE
- SF/GL** STOREFRONT
SF - ARCADIA ALUMINUM AFG451T MEDIUM STILE DARK BRONZE
GL1 - VITRO SOLARBAN 90 (2) CLEAR + CLEAR 1" INSULATING GLASS UNIT, 51% VLT, 12% EXT. REFL., 19% INT. REFL., 0.24 U-VALUE (ARGON), 0.23 SHGS, 2.22 LSG
GL2 - VITRO SPANDREL GLASS



④ WEST ELEVATION

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



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17973 N. PORTER ROAD
MARICOPA, AZ 85138

PROJECT NUMBER: 2428110-07
PROJECT MANAGER: MDM
DRAWN BY: MDM
CHECKED BY: JP

1	CITY COMMENTS	25.6.9

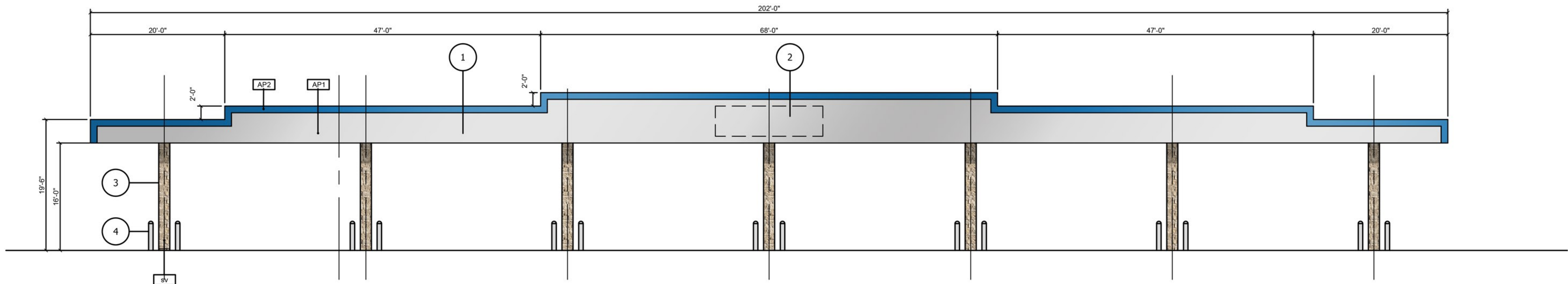
SHEET DESCRIPTION
S & W EXTERIOR
ELEVATIONS COLORED



SHEET NO.

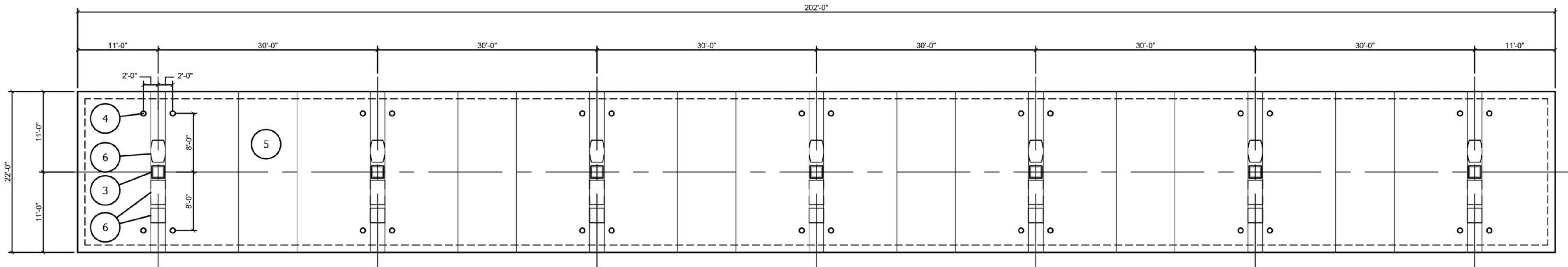
DR301C

ISSUE DATE: 25.2.20



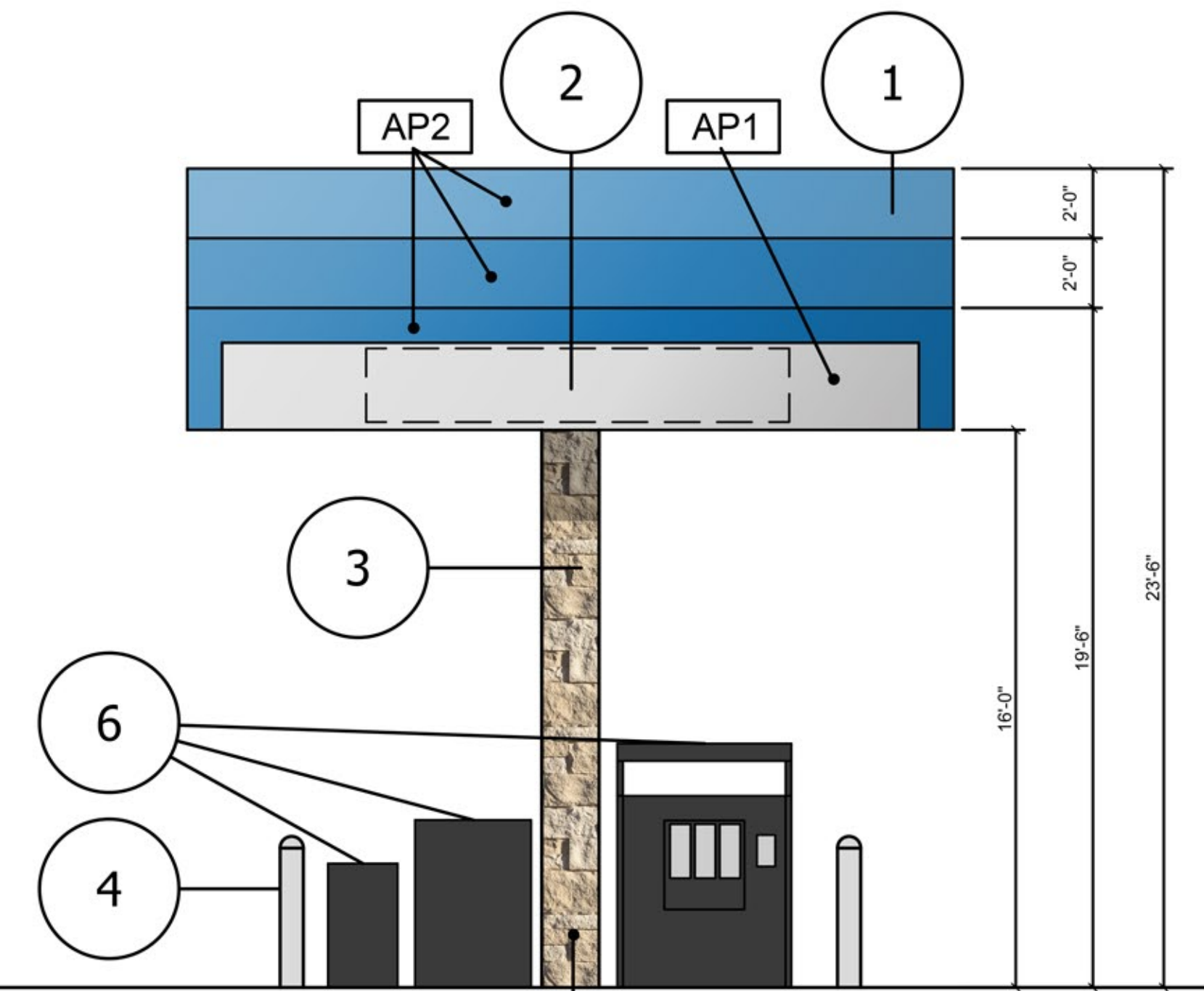
① EAST/WEST ELEVATION

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



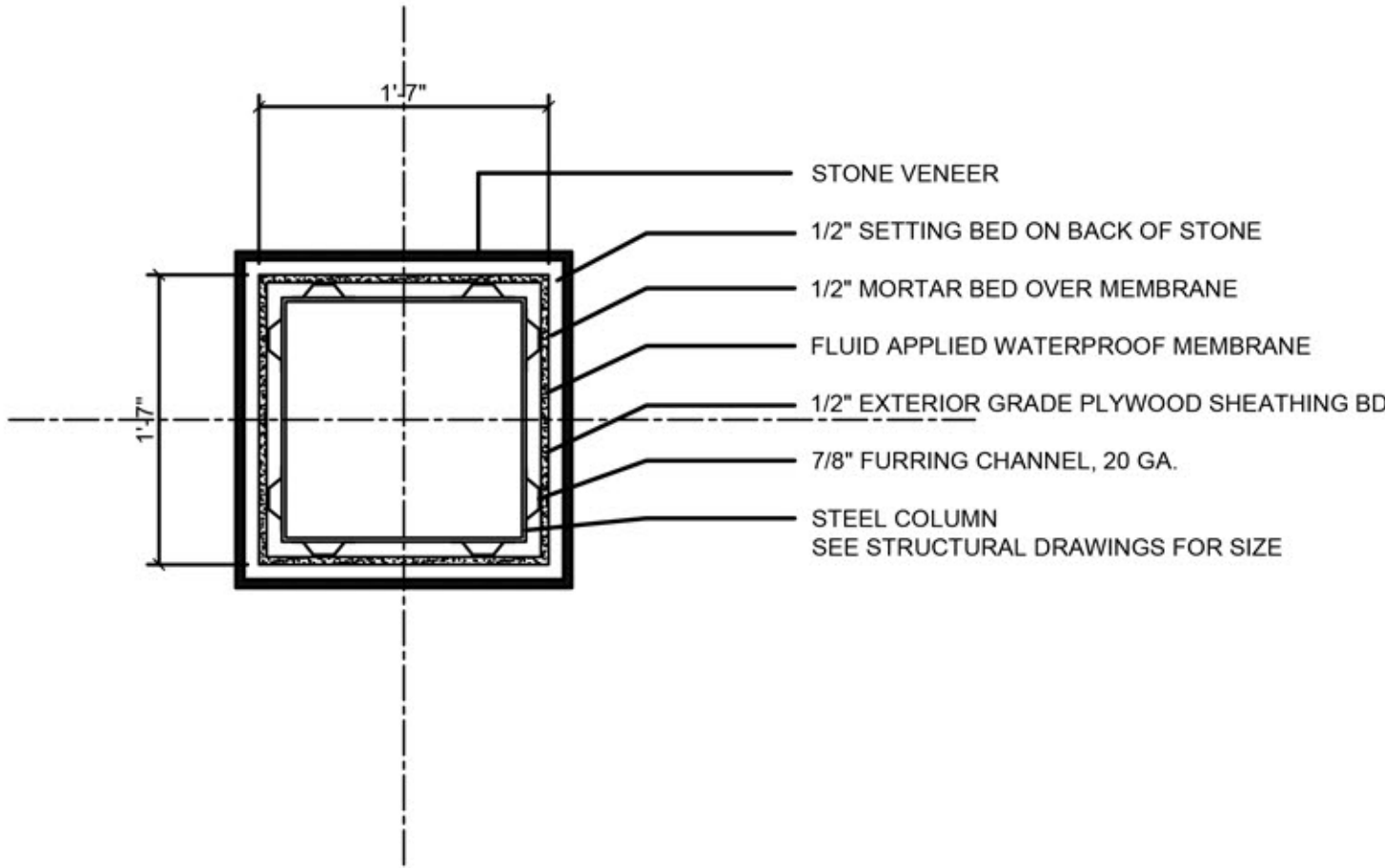
② FUEL STATION PLAN

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



③ NORTH/SOUTH ELEVATION

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



④ COLUMN DETAIL

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

KEYNOTES

- 1 ACRYLIC CANOPY PANEL
- 2 SIGNAGE (UNDER SEPARATE PERMIT)
- 3 STEEL COLUMN COVERED WITH STONE VENEER
- 4 CONCRETE FILLED 8" DIA. STEEL BOLLARD, 4' HIGH
PRIMED AND PAINTED WHITE
- 5 CONCRETE SLAB ON GRADE
- 6 GAS PUMPS/EQUIPMENT PER TENANT SPECIFICATIONS

COLOR AND MATERIALS

- AP1 ACRYLIC PANEL
COLOR: CHEVRON WHITE
- AP2 ACRYLIC PANEL
COLOR: CHEVRON BLUE
- PT2 PAINT
COLOR: BLACK FOX SW 7020
FINISH: SATIN
MANUF: SHERWIN WILLIAMS
- SV STONE VENEER
TYPE: STACKED STONE CUT COURSE
COLOR: SEASHELL
MANUF: EL DORADO STONE

APPROVALS

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FUEL STATION, CONVENIENCE STORE & CAR WASH
17973 N. PORTER ROAD
MARICOPA, AZ 85138

PROJECT NUMBER: 2428110-07
PROJECT MANAGER: MDM
DRAWN BY: MDM
CHECKED BY: JP

1	CITY COMMENTS	25.6.9

SHEET DESCRIPTION
FUEL CANOPY ELEVATIONS

23519
JERE W.
PLANCK
12/31/2022
ARIZONA U.S.A.

SHEET NO.
DR302C
ISSUE DATE:

Statistics					
Description	Symbol	Avg	Max	Min	Max/Min
PROPERTY LINE - FC @ GRADE	✕	0.1 fc	0.5 fc	0.0 fc	N/A
SITE - FC @ GRADE	+	5.3 fc	70.1 fc	0.0 fc	N/A

Schedule								
Symbol	Label	Quantity	Manufacturer	Catalog Number	Description	Lamp	Lumens Per Lamp	Wattage
○	S1	3	NLS LIGHTING	CAL-S (TOP) (SHADE) T5 32L 1 40K UNV AM (FINISH) / A14-S SGL 4R (FINISH) / RSS 11.5' W/2.5' BASE	BELL SHAPE AREA LUMINAIRE - TYPE 5 OPTIC	LED - 4000K	10919	106
○	S2	11	NLS LIGHTING	CAL-S (TOP) (SHADE) T5 32L 1 40K UNV AM (FINISH) / A14-S SGL 4R (FINISH) / RSS 11.5' W/2.5' BASE	BELL SHAPE AREA LUMINAIRE - TYPE 4 OPTIC	LED - 4000K	11307	106
○	SA	5	NLS LIGHTING	CAL-S (TOP) (SHADE) T3 16L 7 40K UNV WM (FINISH)	BELL SHAPE WALL MOUNT - TYPE 3 OPTIC	LED - 4000K	3810	36
○	SB	2	NLS LIGHTING	CAL-S (TOP) (SHADE) T4 16L 7 40K UNV WM (FINISH)	BELL SHAPE WALL MOUNT - TYPE 4 OPTIC	LED - 4000K	3840	36
○	SC	2	LITHONIA	LDN6 40/20 L06AR LSS MVOLT GZ10	6" RECESSED DOWNLIGHT	LED - 4000K	2009	22.52
○	SCE	2	LITHONIA	LDN6 40/20 L06AR LSS MVOLT GZ10 EL	6" RECESSED DOWNLIGHT W/EM BATTERY PACK	LED - 4000K	2009	22.52
□	SD	10	MODERN FORMS	WS-W5411-BK	STRUCTURE DECORATIVE WALL MOUNT	LED - 3000K	528	10.7
□	SF	28	LSI INDUSTRIES	CRUS-SCFT-LED-VHO-40	GAS PAD LED CANOPY	LED - 4000K	22602	152
	SG-48	2	LSI INDUSTRIES	ARCH-29-5-LED-BW-MULTI-FIELD (CHANNEL) / (POWER SUPPLY)	48" UNIFORM OUTDOOR TAPE LIGHT (VERIFY LENGTH PRIOR TO ORDERING)	LED - 4000K	750	648.4802
	SG-122	2	LSI INDUSTRIES	ARCH-29-5-LED-BW-MULTI-FIELD (CHANNEL) / (POWER SUPPLY)	122" UNIFORM OUTDOOR TAPE LIGHT (VERIFY LENGTH PRIOR TO ORDERING)	LED - 4000K	750	1648.221
○	SH	5	NLS LIGHTING	ORX-B 42 T3 16L 53 40K8 UNV AB (FINISH)	BOLLARD - TYPE 3	LED - 4000K	2343	28
	VAC	3	TARGETTI	DL HV 37 O 40 (END PREP CONNECTION) (MOUNTING)	8" LINE VOLTAGE STRIP LIGHT. MOUNTED @ 12'-0"	LED - 4000K	1150	14.8

WEST BOWLIN ROAD

NORTH PORTER ROAD

(PUBLIC ROADWAY)

PHOTOMETRIC PLAN
1"=20'-0"

POINT OF BEGINNING

ASEIENGINEERING
2340 W. Addison Ln. Suite #3 Phoenix, AZ 85021
OFFICE: 602.287.0600
FAX: 602.287.0600
EMAIL: info@aseiengineering.com
WEBSITE: www.aseiengineering.com
PROJECT NO.: 242780
DATE: 01/15/2025
DRAWN BY: DHI
CHECKED BY: DHI

NEW RETAIL DEVELOPMENT
TERRIBLE'S C-STORE
SEC N. PORTER & W. BOWLIN ROADS
MARICOPA, AZ 85138

PROJECT NUMBER: 2428110-07
PROJECT MANAGER: MDM
DRAWN BY: MDM
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SHEET DESCRIPTION
PHOTOMETRIC PLAN

FOR INFORMATION ONLY

SHEET NO.
PH-1
ISSUE DATE: 24.12.4

FIXTURE • VOLTAGE

DURA
LUMINA

DURATAPE HIVOLT

Line Voltage Strip Light

CONCEPT

Direct line voltage strip with opaque side walls for clean illumination cutoff and the advantage of being able to reach a long distance continuous lengths without the inconvenience of a remote LED driver.

MECHANICAL CHARACTERISTICS

Materials	Manufactured with latest generation UV resistant weatherproof extruded PVC body. Finished with white base and side walls with transparent top lens.
Functionality	Ideal for long length interior/exterior applications. Connects directly into line voltage by means of 120V AC two prong plug or with single gang 2-Box cover and free wire connection.
Installation	NOT FIELD CUTTABLE. Factory pre-assembled to specific lengths with directional power, connection and lead wire assemblies to be mounted or inserted into profiles, see options available.
Protection	IP65

CERTIFICATIONS

cULus Wet Location Listed UL1996 / UL2388
 Tested in accordance with UL79-0UL
 Compliant for California installations.
 RoHS Compliant
 *CEC T2S J448-2019-E

WARRANTY

5 year limited warranty

ELECTRICAL CHARACTERISTICS

Power Connection	Factory attached end prep, see available options. Each run length includes secondary end wire protection module at start of run. Fisher free dimming, 50% dimmable with 0-10V dimmer.
Voltage	37VW
Voltage	120V AC
Trigger Time	< 0.2s
Frequency	60 Hz
Number of Cycles	100,000
Operating Temp.	-20°C / +35°C
Maximum Length	154' end lengths must be in 3/32" increments. NOT FIELD CUTTABLE. Factory manufactured individual run lengths. Note: 14" of the lead and 0.33" of the end cap do not overlap with the tape. Include an extra 1.5' for your individual run length.

SOURCE

LEDs	24 LEDs/ft																																																
Specifying	0.47' O.C.																																																
TM20	<table> <tr> <th>CCT (Nominal)</th><th>CR</th><th>90</th><th>90</th><th>58</th><th>46</th><th>0.0003</th><th>3</th></tr> <tr> <td>2200K</td><td>0.5W</td><td>82</td><td>305</td><td>102</td><td>x 10"</td><td>x 10"</td><td></td></tr> <tr> <td>3000K</td><td>0.5W</td><td>86</td><td>320</td><td>102</td><td>x 10"</td><td>x 10"</td><td></td></tr> <tr> <td>3700K</td><td>0.5W</td><td>86</td><td>320</td><td>102</td><td>x 10"</td><td>x 10"</td><td></td></tr> <tr> <td>3500K</td><td>0.5W</td><td>86</td><td>320</td><td>102</td><td>x 10"</td><td>x 10"</td><td></td></tr> <tr> <td>4000K</td><td>0.5W</td><td>84</td><td>300</td><td>102</td><td>x 10"</td><td>x 10"</td><td></td></tr> </table>	CCT (Nominal)	CR	90	90	58	46	0.0003	3	2200K	0.5W	82	305	102	x 10"	x 10"		3000K	0.5W	86	320	102	x 10"	x 10"		3700K	0.5W	86	320	102	x 10"	x 10"		3500K	0.5W	86	320	102	x 10"	x 10"		4000K	0.5W	84	300	102	x 10"	x 10"	
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Strip & LED Details	<table> <tr> <th>CCT</th><th>WLED</th><th>Efficiency</th><th>lm/ft</th><th>Viewing Angle</th></tr> <tr> <td>2200K</td><td>0.5W</td><td>74</td><td>271</td><td>102° x 10"</td></tr> <tr> <td>2700K</td><td>0.5W</td><td>82</td><td>305</td><td>102° x 10"</td></tr> <tr> <td>3000K</td><td>0.5W</td><td>86</td><td>320</td><td>102° x 10"</td></tr> <tr> <td>3500K</td><td>0.5W</td><td>86</td><td>320</td><td>102° x 10"</td></tr> <tr> <td>4000K</td><td>0.5W</td><td>84</td><td>301</td><td>102° x 10"</td></tr> </table> *Note: 14" tape & 1.5' end wire strip	CCT	WLED	Efficiency	lm/ft	Viewing Angle	2200K	0.5W	74	271	102° x 10"	2700K	0.5W	82	305	102° x 10"	3000K	0.5W	86	320	102° x 10"	3500K	0.5W	86	320	102° x 10"	4000K	0.5W	84	301	102° x 10"																		
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Lifetime	Indoor: L70,000 >50,000hrs at max TA +25°C Outdoor: L70,000 >30,000hrs at max TA +25°C																																																

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DURATAPE HIVOLT									
DL		HV							
1		2		3		4		5	
1- PRODUCT CODE		2- TYPE		3- WATTAGE		4- RATING		5- KELVIN	
6- END PREP CONNECTION		7- INTERCONNECTION		8- MOUNTING					
DL-Duratape		HV - HIVOLT 120V AC		17 - 37WATT		5 - FIVE		22 - 2200K	
								27 - 2700K	
								30 - 3000K	
								35 - 3500K	
								50 - 5000K	
OHLVHV202T + DLSDH-VJWR20 DE 6805 - PRAPU DE PRANU									
OHLVHV203P + DLSDH-VJWR20 DE 6805 - PRAPU DE PRANU									
OHLVHV203S + DLSDH-VJWR20 DE 6805 - PRAPU DE PRANU									
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OHLVHV203V + DLSDH-VJWR20 DE 6805 - PRAPU DE PRANU									
OHLVHV203W + DLSDH-VJWR20 DE 6805 - PRAPU DE PRANU									
OHLVHV203X + DLSDH-VJWR20 DE 6805 - PRAPU DE PRANU									
OHLVHV203Y + DLSDH-VJWR20 DE 6805 - PRAPU DE PRANU									
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OHLVHV203AA + DLSDH-VJWR20 DE 6805 - PRAPU DE PRANU									
OHLVHV203AB + DLSDH-VJWR20 DE 6805 - PRAPU DE PRANU									
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OHLVHV203AI + DLSDH-VJWR20 DE 6805 - PRAPU DE PRANU									

FIXTURE: SH

NLS
LIGHTING

ORGANIX ORX-B

ARCHITECTURAL BOLLARD + LANDSCAPE

LED WATTAGE CHART

Drive Current	16A
400 millamps	18W (1256-1720 Lumens)
530 millamps	28W (1902-2605 Lumens)
700 millamps	37W (2511-3441 Lumens)
1050 millamps	55W (3763-5161 Lumens)

FORM

- Elegant Die-Cast Aluminum Housing
- Corrosion Resistant Stainless Steel External Hardware
- Sleek, Low Profile Housing
- Spec Grade Performance
- Engineered For Optimum Thermal Management
- 9 Architectural Finishes Standard, RAL Colors Available

FUNCTION

- Micro Optics IES Distributions T2, T3, T4, T5, T4/TW, T5W
- 0-10V Dimming Drivers
- THD @ Max Load < 15%
- Power factor @ Max Load < 0.95
- Amber, 2700K, 3000K, 3500K, 4000K, or 5000K
- 16L LED Configuration
- CRI 70, 80, or 90
- 5 Mills Powder Coat
- Up to 5,161 Lumens

RELIABILITY

- Silicone Micro Optics
- 5 Year Standard Warranty
- IP67 Optics
- IP66 Fixture

BUY AMERICAN

To ensure the latest BAA/TAA/BABA Standards are being met, please select BAA, TAA, or BABA in the options section. Please contact the factory before placing an order for any NLS products requesting BAA (Buy American Act), TAA (Trade Agreement Act), or BABA (Build America, Buy America).

REV 04.21.20

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Project Name:		Type:			
ORGANIX - BOLLARD ORDERING GUIDE					
Cat#	Height	Light Dist.	# of LEDs	Millamps	Kelvin
Organix - Bolted (ORGX-B)	2'6" (66)	Type 2 (T2)	116 (116)	400 (400)	Amber 585-600mA (AMBER) 1+ 1+3
	3'6" (86)	Type 3 (T3)		700 (700)	2700K, 70 CR (2700K) 1+ 1+3
	4'6" (116)	Type 4 (T4)		700 (700)	2700K, 90 CR (2700K) 1+ 1+3
		Type 4 Forward Throw Wide (4FTW)		1100 (1100)	3000K, 70 CR (3000K) 1+ 1+3
		Type 5 (T5)		1100 (1100)	3000K, 80 CR (3000K) 1+ 1+3
		Type 5 Wide (T5W)			3000K, 80 CR (3000K) 1+ 1+3
					4000K, 70 CR (4000K) 1+ 1+3
					5000K, 80 CR (5000K) 1+ 1+3
					6000K, 80 CR (6000K) 1+ 1+3
					7000K, 80 CR (7000K) 1+ 1+3
Volts	Mounting	Color	Controls Options	Options	Lens Options
120VAC (120V)	Bracket Bolt (AB)	Bronze Textured (BRZ)	Button PhotoCell (PC)	Marine Grade Finish (MGF)	Clear Tempered Glast Lens (CTL)
36V-48V (36V)		White Textured (WHT)	Micro Motion Sensor (MMS)	Emergency Better Back-Up 1-W (BM1)	Diffused Polycarbonate Visual Contrast Lens (DPLC) 1+
		Smooth White Glass (SWT)	Micro Motion Sensor Custom Setting (MMS-CTS) 1+	Emergency Better Back-Up 0-W (BM0)	HAL Lens (HAL) 1+
		Silver Metallic (SLV)	Custom Corrosion Integration (CCI) 1+	Vandal Resistant Base (VRB)	
		Black Textured (BLK)		House Side Shield (HSS) 1+	
		Smooth Black Glass (BSB)		Bay Area/Artist Act (BAA) 1+	
		Graffiti Textured (GPT)		Trade Agreement Act (TAA) 1+	
		Green Textured (GRN)		Build America Bay Area Icon (BABA) 1+	
		Hunter Green Textured (HNG)		GPI Kit (GPI) 16, 11	
		Custom (CS)			
NOTES: 1. Consult Factory for Lead Time. Consult Factory for 90-DR Requests 2. Universal Voltage 120-277 3. Please Contact Factory for Custom Control Integration requests (i.e. Light, No, Walkline, Creation, NOAA-DMIA, Synapse, Casambi, Dark R, Axi-Dom, or other control systems) 4. Turttle Safe 5. Consult Factory for all BAA/TAA/BABA requests 6. Consult Factory for Lead Time 7. Not Available above 500MA 8. Not Available with Lens Options (GPI, VOS, Sidelit, CTLT) 9. 1440 Settings: Occupancy: 100% Light Output, After 20 Min No Occupancy: 10% Light Output for custom sensor settings, Please enter MMS-CTS and Contact factory 10. GPI installed 12" from base, street side. Contact Factory for custom height 11. 120V only 12. 3000K or lower, with 84ed nonoccupancy only, must be selected to meet international Dark-Rise Association certification. 13. 1440 Lens: Yellow Polycarbonate Lens - less than 2% Blue Light Content 14. Contact Factory					
		701 Kingshill Place, Carson, CA 90746 Call Us Today (310) 341-2037			

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