

PRELIMINARY GRADING & DRAINAGE PLAN

GAWLEY CENTER
N. 91st STREET & E BELL ROAD
SCOTTSDALE, ARIZONA

A PORTION OF THE NORTHWEST QUARTER OF SECTION 6, TOWNSHIP 3 NORTH, RANGE 5 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA.

PAVING, GRADING AND DRAINAGE NOTES

- CONCRETE CURB OPENING.
- 3' SCREEN WALL.
- 6" VERTICAL CURB & GUTTER.
- DOUBLE REFUSE ENCLOSURE PER C.O.S. DTL 2147-1.
- INSTALL CL-1 DRIVEWAY PER C.O.S. STD. DTL. 2256
- MIN. 2" SAWCUT AND REMOVE EX. A.C.C.P. ROADWAY. PROTECT EXISTING ASPHALT CONCRETE TO REMAIN.
- PROPOSED STORMTECH SC-740 STORAGE SYSTEM.
- PROPOSED 6" BLEED-OFF PIPE AND TYPE 'L' HEADWALL PER M.A.G. STD. DTL. 501-1 & 501-2. PIPE INVERT=1549.00; WASH INVERT=1548.0
- PROPOSED CATCH BASIN TYPE G PER M.A.G. STD DTL. 537, GRATE PER COS DTL. 2535.
- CULVERT WING WALL EXTENSION/RETAINING WALL. HEIGHT VARIES. PER PLAN. WALL FOOTING SHALL EXTEND BELOW TOP OF BANK TURN DOWN WHERE APPLICABLE ALONG EX. WASH.
- PROPOSED 3' X 8' BOX CULVERTS WITH WING-WALLS AND HAND RAILS. INVERTS PER PLAN TO MATCH EXISTING GRADE OF WASH.
- SIDEWALK CURB RAMP.
- RETAINING WALL.
- 4" MEDIAN ROLL CURB
- SIDEWALK DRAIN
- SAFETY HANDRAIL

NOTE:
ALL CURB TO BE SINGLE CURB PER M.A.G. STD. DTL. 222 TYPE 'A', UNLESS OTHERWISE NOTED ON PLAN.

ABBREVIATIONS

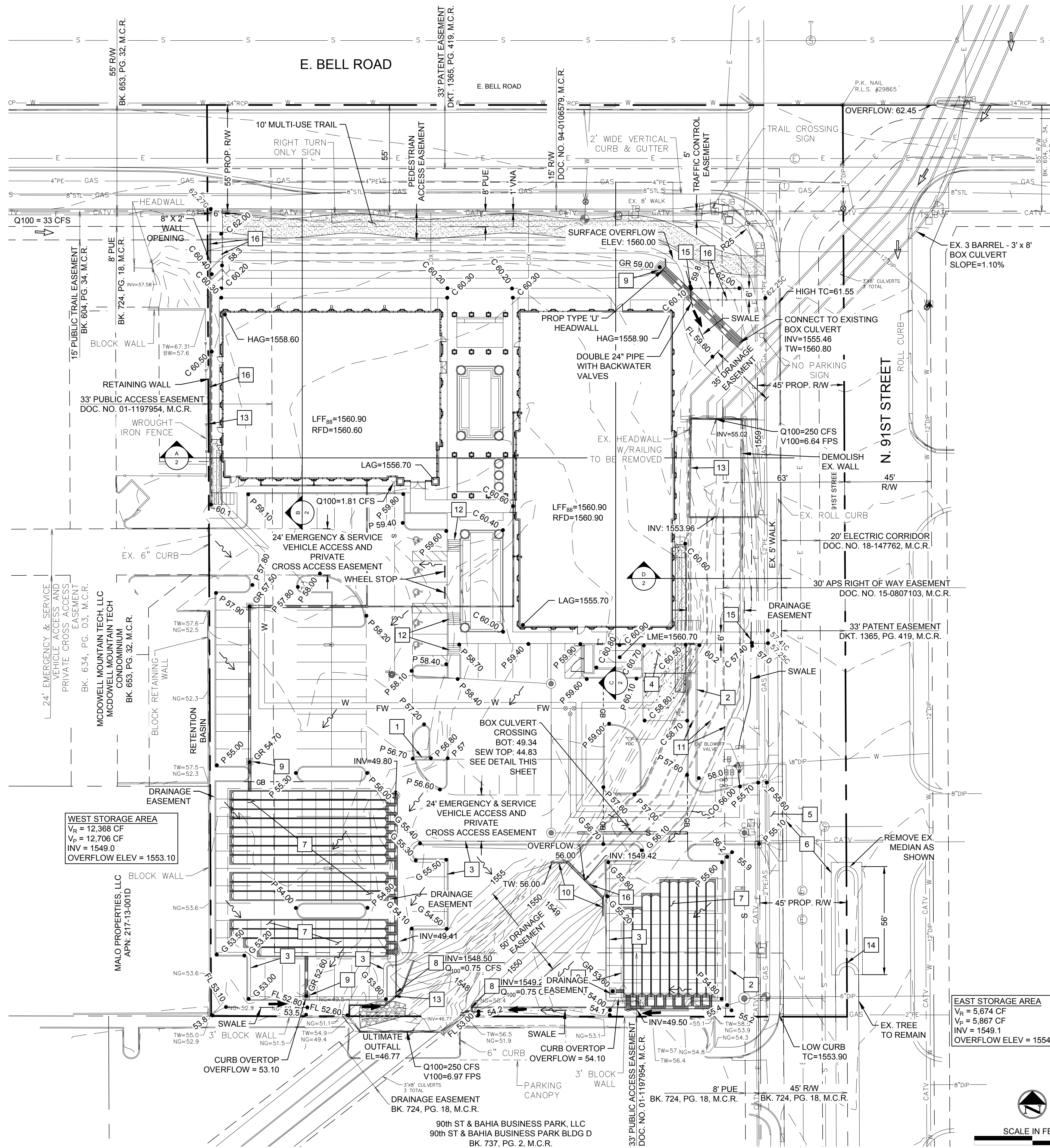
BFP	BACKFLOW PREVENTION	LME	LOWEST MECHANICAL EQUIPMENT
BLDG	BUILDING	MH	MANHOLE
BOT	BOTTOM	P	PAVEMENT
C	CONCRETE	PROP	PROPOSED
C&G	CURB AND GUTTER	PUE	PUBLIC UTILITY EASEMENT
CO	CLEAN OUT	RFD	HAG + 2 FT
ELEV	ELEVATION	RW	RIGHT OF WAY
ESMT	EASEMENT	RPPBP	REDUCED PRESSURE PRINCIPLE BFP
EX	EXISTING	SB	SETBACK
FGW	FINISHED GRADE AT FOOT OF WALL	SS	SANITARY SEWER
FL	FLOWLINE	SSMH	SANITARY SEWER MANHOLE
G	GUTTER	SW	SIDEWALK
GR	GRATE	TC	TOP OF CURB
HAG	HIGHEST ADJACENT GRADE	TYP	TYPICAL
HP	HIGH POINT	TW	TOP OF WALL
HW	HIGH WATER	V _P	VOLUME PROVIDED
INV	INVERT	V _R	VOLUME REQUIRED
LAG	LOWEST ADJACENT GRADE	VNA	VEHICULAR NON-ACCESS EASEMENT
LFF ₈₈	FINISHED FLOOR ELEVATION	WSE	WATER SURFACE ELEVATION
		WM	WATER METER

FLOOD INFORMATION

COMMUNITY NUMBER	PANEL NUMBER (PANEL DATE)	SUFFIX	DATE OF FIRM (INDEX DATE)	FIRM ZONE	BASE FLOOD ELEVATION (IN AO ZONE, USE DEPTH)
045012	1320	L	10/16/2013	AO	1 FT

ENGINEER'S CERTIFICATION

THE FINISH FLOOR ELEVATION(S) AND/OR FLOOD-PROOFING ELEVATION(S) ON THIS PLAN, ARE SUFFICIENTLY HIGH TO PROVIDE PROTECTION FROM FLOODING CAUSED BY A ONE-HUNDRED YEAR STORM, AND ARE IN ACCORDANCE WITH THE CITY OF SCOTTSDALE, "FLOODWAYS & FLOODPLAIN" ORDINANCE (CHAPTER 37, S.R.C.)



OWNER/ DEVELOPER N.T.S.

DR. BRIAN GAWLEY
8913 E. BELL ROAD
SCOTTSDALE, ARIZONA 85280
CONTACT: DR. BRIAN GAWLEY
PHONE: (480) 696-6361

ARCHITECT

TRIARC ARCHITECTS
1934 E. CAMELBACK RD.
SUITE 200
PHOENIX, ARIZONA 85016

CONTACT: AARON FRANCIS, AIA
PHONE: (602) 229-1100
EMAIL: AARON@TRIARCDDESIGN.COM

CIVIL ENGINEER

TERRASCAPE CONSULTING, LLC
645 E. MISSOURI AVE. SUITE 160
PHOENIX, ARIZONA 85012

CONTACT: SCOTT LUCAS
PHONE: (602) 297-8732
EMAIL: SLUCAS@TERRASCAPE.US

BENCHMARK

BENCHMARK - THE NORTH QUARTER CORNER OF SECTION 6, TOWNSHIP 3 NORTH, RANGE 5 EAST, GILA AND SALT RIVER MERIDIAN, MARICOPA COUNTY, ARIZONA. GDACS POINT # 43505-Z1

NAVD 88 ELEV = 1565.73

BASIS OF BEARING

SOUTH 89°59'29" WEST - BEING THE NORTH LINE OF THE NORTH EAST QUARTER OF SECTION 6, TOWNSHIP 3 NORTH, RANGE 5 EAST, GILA AND SALT RIVER MERIDIAN, MARICOPA COUNTY, ARIZONA.

FLOOD ZONE

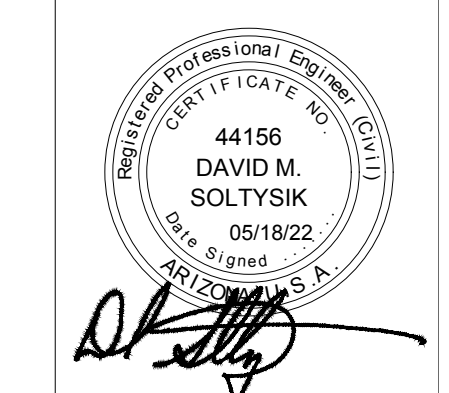
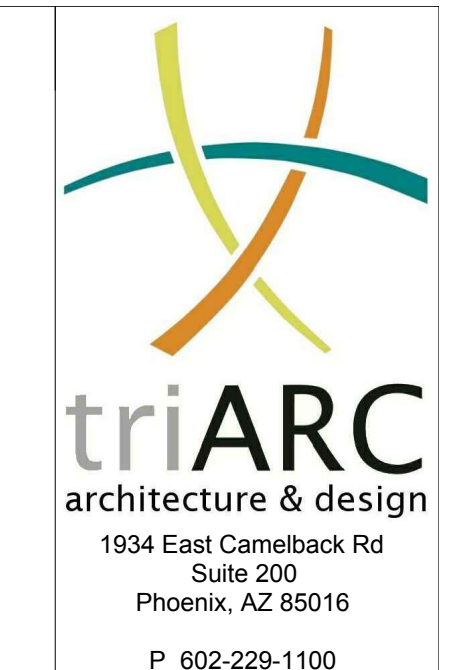
FLOOD ZONE DESIGNATION "AO" PER F.E.M.A. FLOOD INSURANCE RATE MAP, MAP NUMBER 04013C1320L, PANEL 1320 OF 4425, DATED OCTOBER 16, 2013.

ZONE "AO" - FLOOD DEPTHS OF 1 TO 3 FEET (USUALLY SHEET FLOW ON SLOPING TERRAIN); AVERAGE DEPTHS DETERMINED. FOR AREAS OF ALLUVIAL FAN FLOODING, VELOCITIES ALSO DETERMINED.

(THE ABOVE STATEMENT IS FOR INFORMATION ONLY AND THE SURVEYOR ASSUMES NO LIABILITY FOR THE CORRECTNESS OF THE CITED MAP OR THE LOCATION OF THE FLOOD ZONE BOUNDARY. IN ADDITION, THE ABOVE STATEMENT DOES NOT REPRESENT THE SURVEYOR'S OPINION OF THE PROBABILITY OF FLOODING.)

LEGEND

- BOUNDARY
- - - EX PROPERTY LINE
- - - EASEMENT
- - - SWALE
- STORM DRAIN
- STORMTECH STORAGE SYSTEM
- GB GRADE BREAK LINE
- ⊕ FIRE HYDRANT
- ⊞ CATCH BASIN
- ⊞ BACKFLOW PREVENTER
- ⊞ WATER METER
- FINISHED GRADE
- PROPOSED OVERFLOW PATH
- EXISTING OVERFLOW PATH
- FLOW DIRECTION



GAWLEY CENTER
DESIGN REVIEW BOARD SUBMITTAL
 W BELL AND 91ST ST.
 SCOTTSDALE, AZ

REV	DATE	DESCRIPTION

PROJECT NUMBER: 21-016
ISSUE DATE: 05/18/22
SHEET TITLE: PRELIMINARY GRADING & DRAINAGE PLAN
SHEET NUMBER: GDP-1

Project: 05/18/22 - 5:07 PM, by: dmp@p...
 File: 1011101_Prelim_Grading_Drainage_Plan.dwg

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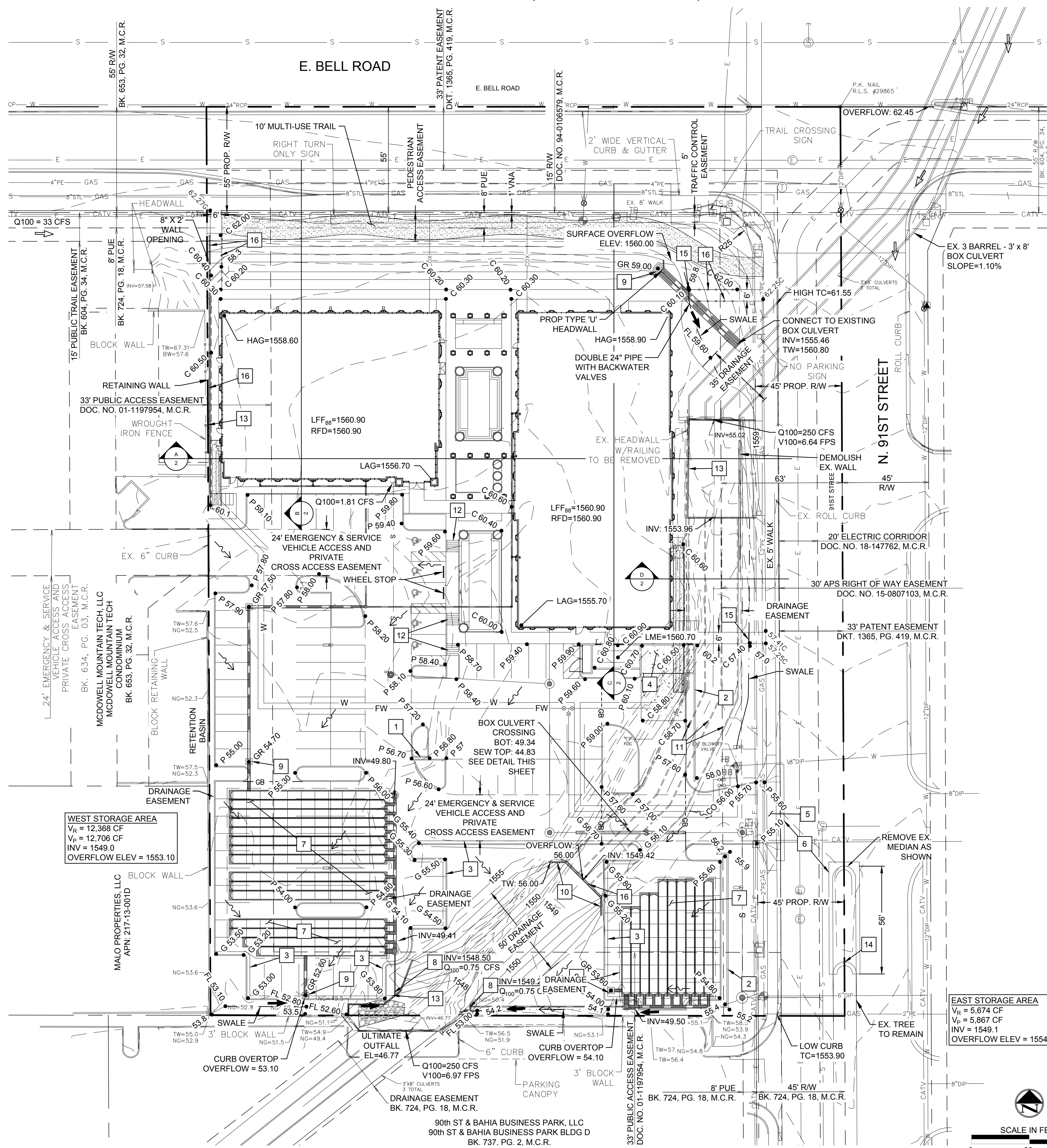
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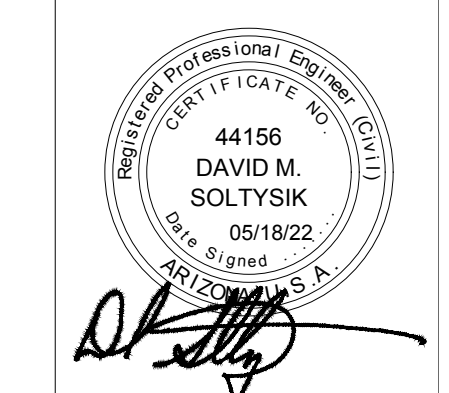
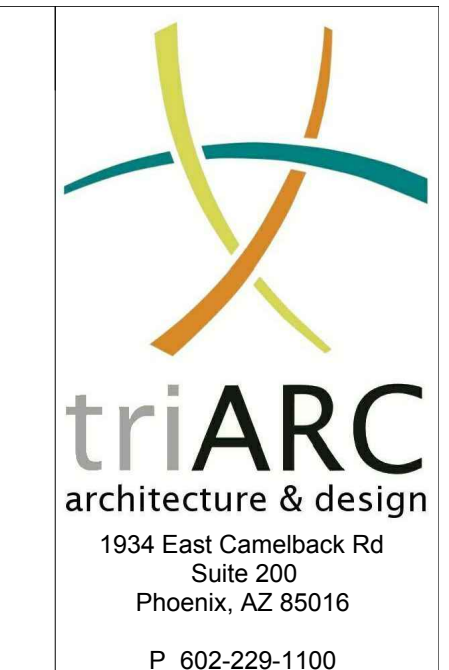
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