

DEPT. OF ALCOHOLIC BEVERAGE - STORE NO. 28
PARKING LOT REPLACEMENT

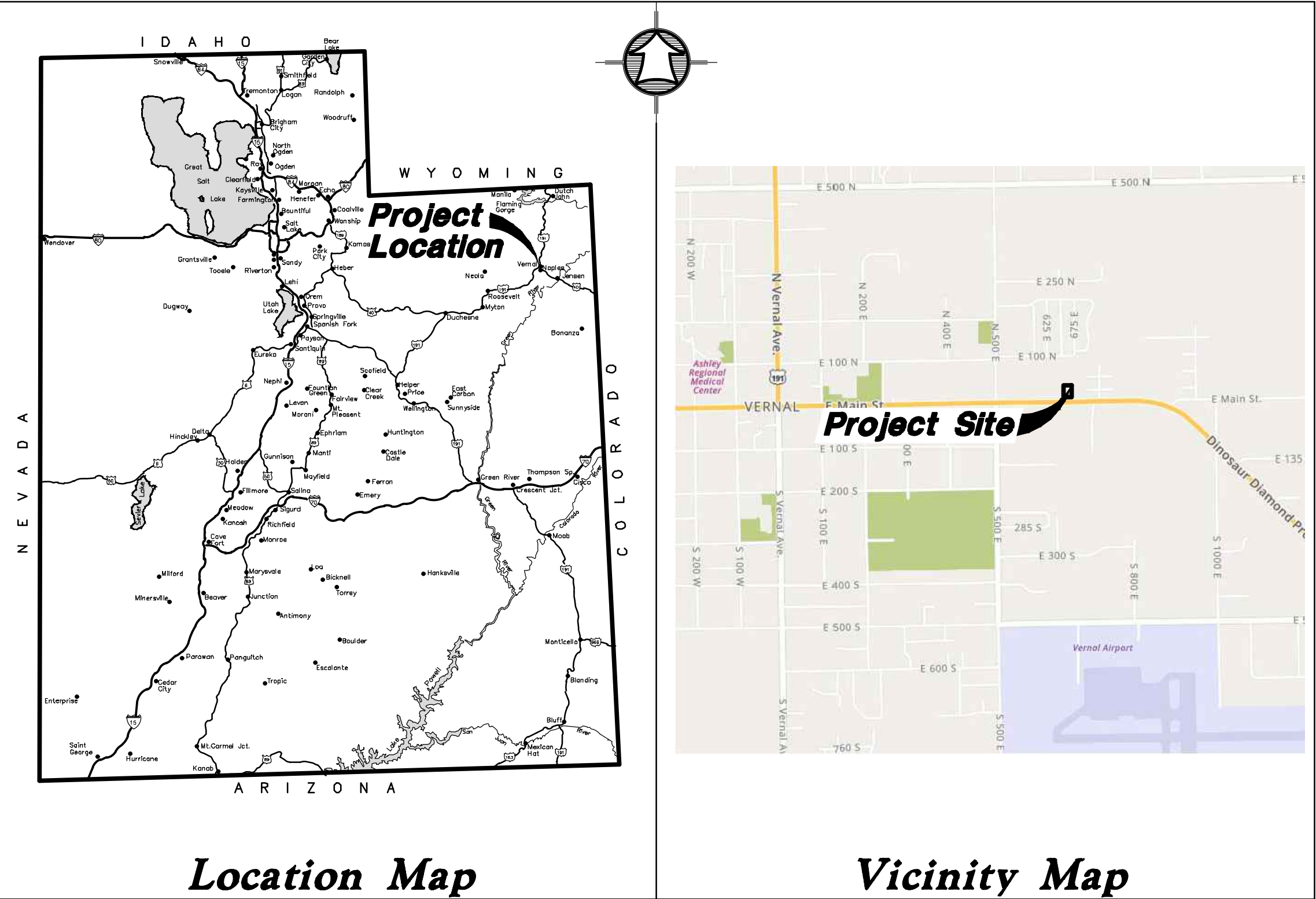
675 EAST MAIN STREET
VERNAL, UTAH
DFCM PROJECT #26220030

ABBREVIATIONS

AC – Asphalt Pavement	PL – Property Line
AVE – Avenue	PNT – Point
BC – Back of Curb	POB – Point of Beginning
BM – Benchmark	POC – Point of Curve
BW – Bottom of Wall	PP – Power Pole
CF – Cubic Feet	PT – Point of Tangency
C&G – Curb and Gutter	PUE – Public Utility Easement
CH – Chord	PVC – Polyvinyl Chloride
CIR – Circle	PVI – Point of Vertical Intersection
CL – Center Line	R – Radius
CMP – Corrugated Metal Pipe	R – Range
CONC. – Concrete	RCP – Reinforced Concrete Pipe
CPP – Corrugated Plastic Pipe	REQ'D – Required
CY – Cubic Yards	R.O.W. – Right-Of-Way
DESC – Description	RWV – Resilient Wedge Valve
DI – Ductile Iron	S – South
E – East	S – Sewer
EL – Elevation	SAN. – Sanitary
ELEV – Elevation	SD – Storm Drain
EVC – End of Vertical Curve	SDMH – Storm Drain Manhole
EVCE – End of Vertical Curve Elevation	SDR – Standard Dimension Ratio
EVCS – End of Vertical Curve Station	SL&BM – Salt Lake Base and Meridian
EXIST – Existing	SF – Square Feet
FG – Finished Grade	SPEC'S – Specifications
FI – Fire Hydrant	SQ.FT. – Square Feet
FL – Flowline	SSMH – Sanitary Sewer Manhole
GB – Grade Break	STA – Station
HDPE – High Density Polyethylene	SW – Sidewalk
HORIZ – Horizontal	T – Township
HWY – Highway	TA – Top of Asphalt
INT – Intersection	TBC – Top Back of Curb
INV – Invert	TC – Top of Concrete
IRR – Irrigation	TG – Top of Grate
L – Length	TP – Telephone Pedestal
LD – Land Drain	TW – Top of Wall
LDHM – Land Drain Manhole	UP – Under Ground Power
LF – Lineal Feet	UDOT – Utah Department of Transportation
LIP – Lip of Gutter	VC – Vertical Curve
LP – Light Pole	VERT – Vertical
LS – Land Surveyor	W – West
MH – Manhole	W – Water
N – North	WV – Water Valve
NG – Natural Ground	
PC – Point of Curvature	
PE – Professional Engineer	

NOTES:

- The Design and Drawings comply with DFCM Standards.
- The contractor shall verify all dimensions in field before starting construction. The contractor shall be responsible for all field dimensions. If any discrepancies are found in these from actual field conditions, the contractor shall contact the engineer immediately.
- Provide smooth transition from new areas to existing features as necessary.
- All areas where the existing pavement or pavements are damaged during construction from traffic by the general contractor, subcontractors, or suppliers shall be resurfaced or reconstructed at least to their original condition after construction work is completed.
- The contractor shall be responsible to provide, at his expense, all temporary automobile and pedestrian traffic control devices required by federal, state, county, city or local agency. The amount, location, and size shall be per direction of agency.
- It is the responsibility of the contractor to remove all mud, dirt, gravel, and any other materials tracked onto any public or private streets or sidewalks. The contractor must clean these daily if necessary. The contractor must use water or other methods to keep airborne dust to a required minimum.
- All site construction to comply with applicable sections of APWA Manual of Standard Specifications, 2012 Edition, and all addenda as published by the Utah Chapter of the American Public Works Association.
- Prior to final approval of the project a final inspection needs to be submitted to the Building Official indicating that the project is complete in accordance with the approved drawings and documents.



NOTICE!

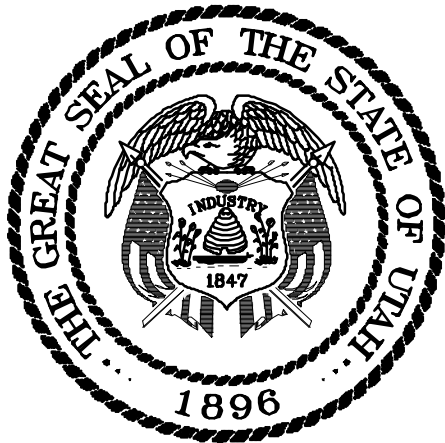
Existing utilities are shown on plans for the convenience of the contractor only. The contractor is responsible for the protection of all utilities. The engineer bears no responsibility for utilities not shown or shown incorrectly.

Avoid cutting underground utilities. It's costly.

Call Before You Dig

1-800-662-4111

underground Service



State of Utah–Department of Administrative Services

DIVISION OF FACILITIES CONSTRUCTION
AND MANAGEMENT

4110 State Office Building/Salt Lake City, Utah 84114/538–3018

CODE ANALYSIS

APPLICABLE CODES			
	Year		Year
International Building Code	N/A	National Electrical Code	N/A
International Mechanical Code	N/A	Uniform Code for Building Conservation	N/A
International Plumbing Code	N/A	ADA Accessibility Guidelines	2010
International Fire Code	N/A		
International Energy Conservation Code	N/A		

SHEET INDEX

SHEET TITLE	SHEET NO.	ELECTRONIC FILE
COVER SHEET	C–101	DFCM–VERNAL DABS NO.28.PDF
EXISTING SITE PLAN	C–102	DFCM–VERNAL DABS NO.28.PDF
SITE DEMOLITION PLAN	C–103	DFCM–VERNAL DABS NO.28.PDF
SITE AND GRADING PLAN	C–104	DFCM–VERNAL DABS NO.28.PDF
SITE CROSS SECTIONS PLAN	C–105	DFCM–VERNAL DABS NO.28.PDF
SITE CROSS SECTIONS PLAN	C–106	DFCM–VERNAL DABS NO.28.PDF
SITE DETAIL SHEET	C–107	DFCM–VERNAL DABS NO.28.PDF
SITE DETAIL SHEET	C–108	DFCM–VERNAL DABS NO.28.PDF

SPECIAL INSPECTION, MATERIAL TESTING
& STRUCTURAL OBSERVATION ITEMS
REQUIRED BY CHAPTER 17 OF THE 2012 IBC

Indicate items requiring special inspection, structural testing, or structural observations by checking the appropriate box. All items not requiring inspection/testing should be removed from the form. For items requiring continuous inspection, a special inspector must be present onsite during the performance of that task. In most cases "periodic" inspections/tests shall be performed prior to commencing the task, intermittently during the task, and at the completion of the task. The "Detailed Instructions & Frequency" provides a description of the presumed requirements for tasks requiring "periodic" inspections. The design professional in responsible should revise the requirements as needed on a project-specific basis.

SOILS CONSTRUCTION (IBC 1705.6)		Detailed Instructions and Frequencies	
Item			
Verify subgrade is adequate to achieve design bearing capacity	☐ Continuous ☒ Periodic		Prior to placement of concrete.
Verify excavations extend to proper depth and material	☐ Continuous ☒ Periodic		Prior to placement of compacted fill or concrete.
Verify that subgrade has been appropriately prepared prior to placing compacted fill	☐ Continuous ☒ Periodic		Prior to placement of compacted fill.
Perform classification and testing of re-compacted existing gravel base course materials	☐ Continuous ☒ Periodic		Prior to placement of Asphalt Concrete Mix Surface. Existing base course materials shall be laboratory tested for Proctor value and the finish grade of re-compacted base course gravel checked for adequate compaction at not less than once for each 1,000ft ² of surface area. By Special Inspector as Requested by consultant or DFCM project manager.

MISCELLANEOUS AREAS

➤ These inspections may be recommended by the Architect/Engineer and are to be approved by DFCM.

Asphalt testing (specify locations and frequency)	☐ Continuous ☒ Periodic	In place Density Testing During Placement By Special Inspector
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Special Inspectors Shall:

- Be approved by the Building Official prior to performing any duties;
- Provide proof of licensure as a special inspector by the State of Utah for each type of inspection;
- Inspection reports are to meet the requirements of IBC 1704.2.4 and DFCM standards;
- Inspection reports are to be submitted to the code consultant, architect, DFCM project manager, and the State of Utah Building Official within 48 hours of performing inspections;
- A final inspection report shall be submitted following completion of the project documenting the types of special inspections performed and a statement indicating that the structure is in compliance with the approved construction documents and applicable codes (see IBC 1704.2.4).

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Salt Lake City, Utah 84114
Phone: (801) 538 - 3018
dfcm.utah.gov



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NAME OF FACILITY
DEPT. OF ALCOHOLIC
BEVERAGE SERVICES
STORE NO. 28
VERNAL, UTAH

PROJECT TITLE:

PARKING LOT
REPLACEMENT
PROJECT

MARK DATE DESCRIPTION

ISSUE TYPE:

ISSUE DATE:

DFCM PROJECT NO: 26220030
DRAWN BY: SRH
CHECKED BY: DCW & JF
COPYRIGHT:

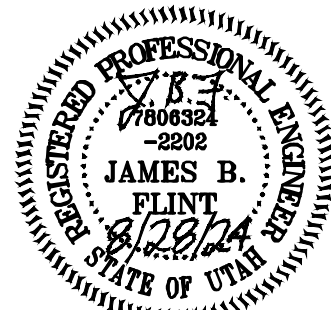
SHEET TITLE

COVER SHEET

SHEET NUMBER

C-101

SHEET 1 OF 8





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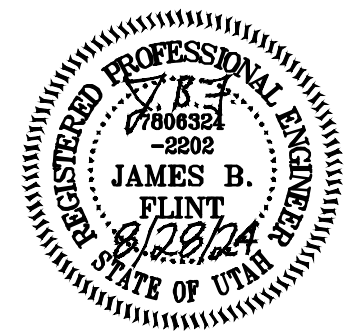
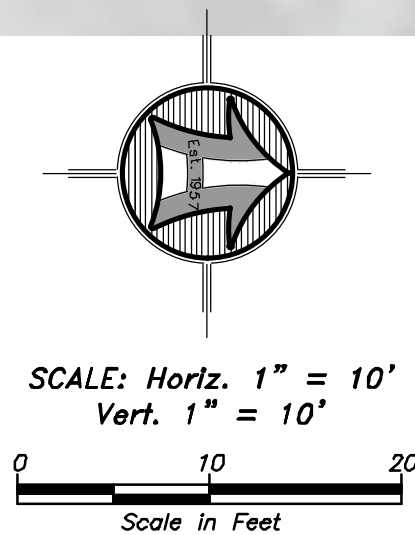
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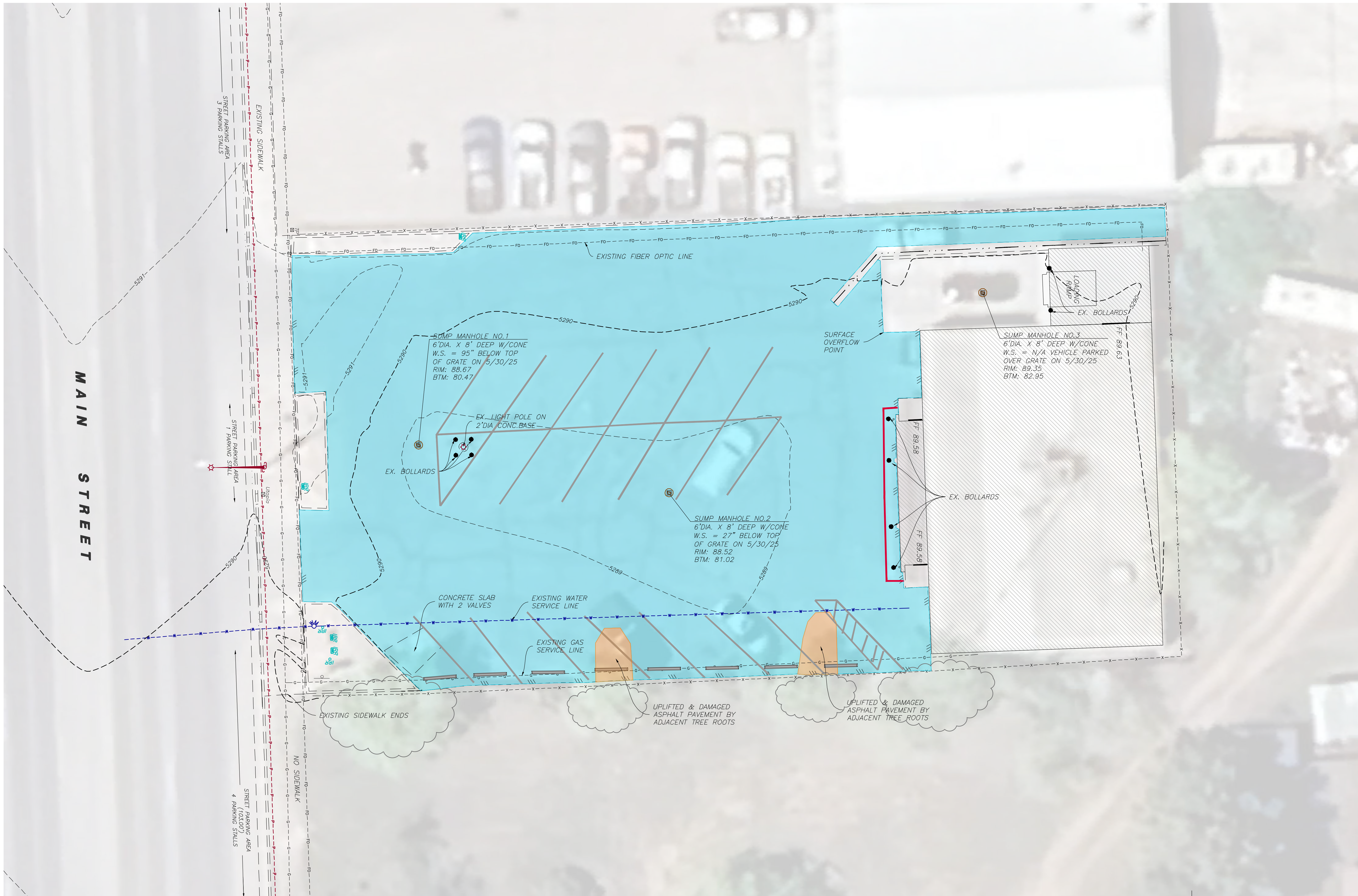
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SHEET TITLE
EXISTING
SITE PLAN

SHEET NUMBER
C-102
SHEET 2 OF 8

NOTE TO CONTRACTORS:
UNLESS OTHERWISE SHOWN HEREON,
CONTRACTOR TO DOCUMENT AND VERIFY
EXISTING PAVEMENT PAINT MARKINGS
AND RE-PAINT THE PARKING LOTS TO
MATCH THE EXISTING





DEMOLITION QUANTITIES OF WORK:

REMOVE EXISTING ASPHALT PAVEMENT, APPROX. 5" THICKNESS - 12,622 S.F.;

EXCAVATE EXISTING BASE COURSE AND SUB-GRADE SOILS TO 10" BELOW FINISH GRADE. (12,622 S.F. X 8" AVG.);

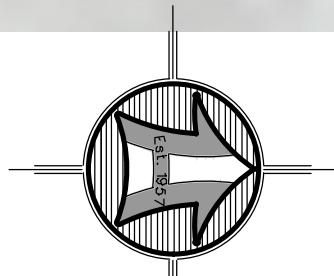
CUT AND EXCAVATE ROOTS FROM TWO TREE DAMAGED AREAS AS SHOWN - 100 S.F. EACH;

NOTE TO CONTRACTORS:
UNLESS OTHERWISE SHOWN HEREON,
CONTRACTOR TO DOCUMENT AND VERIFY
EXISTING PAVEMENT PAINT MARKINGS
AND RE-PAINT THE PARKING LOTS TO
MATCH THE EXISTING

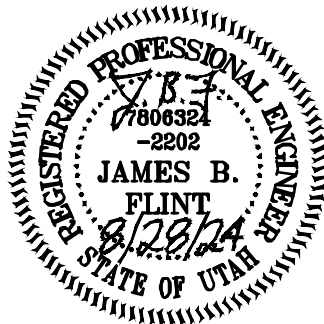
DEMOLITION LEGEND

EXCAVATE AND REMOVE EXISTING ASPHALT PAVEMENT - AVG. 5" THICKNESS, EXCAVATE EXISTING BASE COURSE AND SUB-BASE SOILS TO 10" BELOW FINISH GRADE.

CUT ROOTS FROM TREES AT TWO LOCATIONS SHOWN AND EXCAVATE ROOTS AND ROOT LADEN SOILS UNDERNEATH EXISTING ASPHALT PAVEMENT.



SCALE: Horiz. 1" = 10'
Vert. 1" = 10'
0 10 20
Scale in Feet



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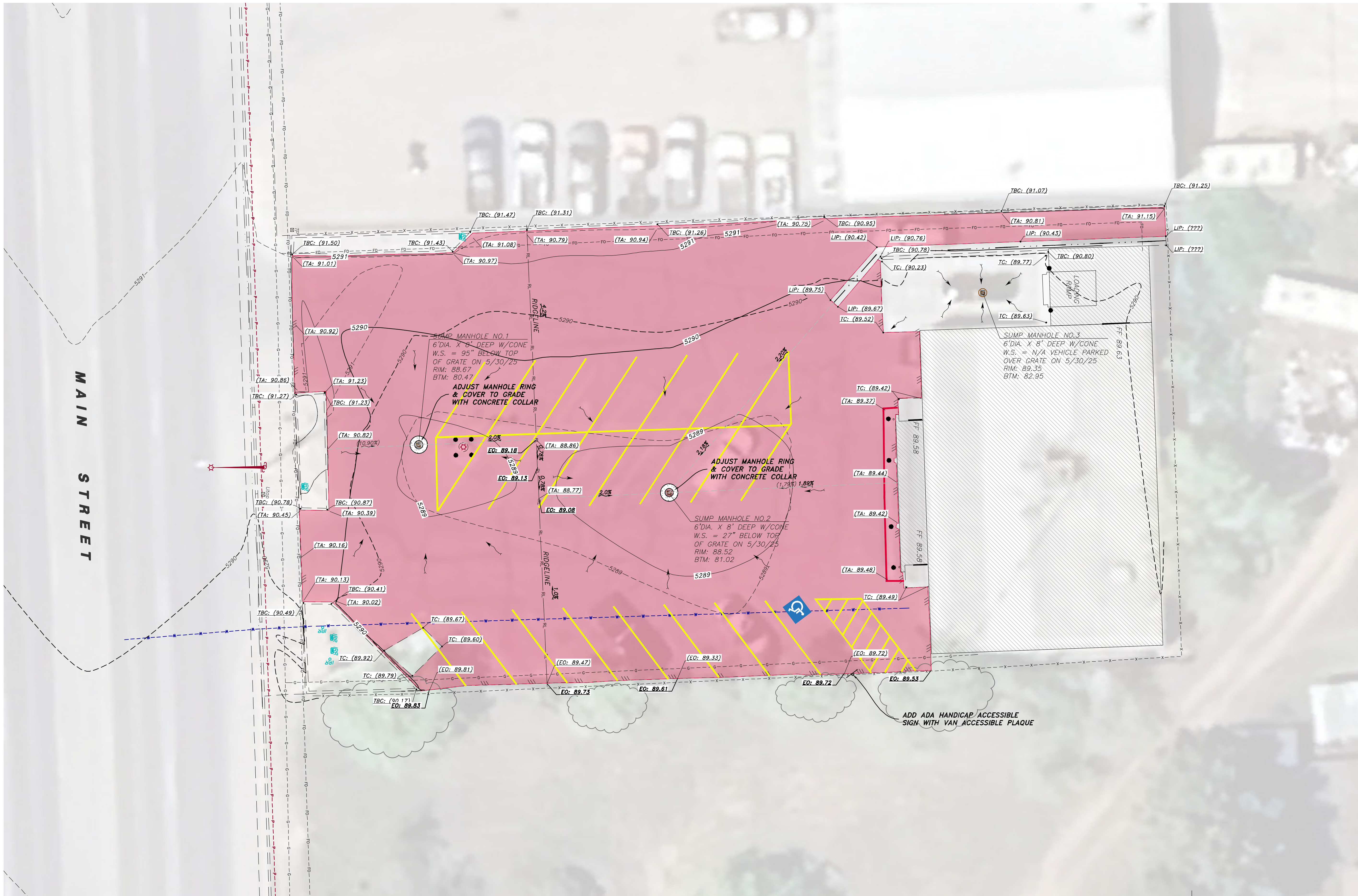
PROJECT TITLE:
PARKING LOT
REPLACEMENT
PROJECT

MARK	DATE	DESCRIPTION
ISSUE TYPE:		
ISSUE DATE:		
DFCM PROJECT NO: 26220030		
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SHEET TITLE
SITE
DEMOLITION
PLAN
SHEET NUMBER

C-103

SHEET 3 OF 8



QUANTITIES OF WORK:

4" SP 3/8 BITUMINOUS CONCRETE MIX OVER 6" MINIMUM GRADE 1.5 BASE COURSE - 12,694 S.F.

4" WIDE YELLOW PAINT STRIPING - 642 L.F.

4" WIDE RED PAINT STRIPING - 45 L.F.

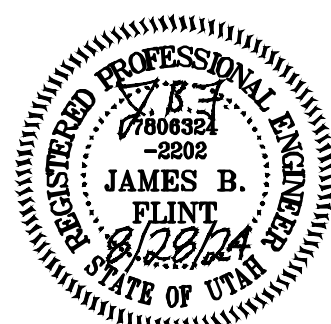
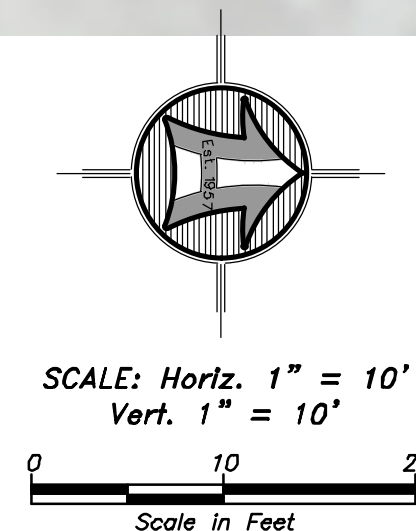
HANDICAP SYMBOLS - 1

LEGEND:

- FO - - - - - EXISTING FIBER OPTIC LINE
- GL - - - - - EXISTING GAS LINE
- WL - - - - - EXISTING WATER LINE
- FX - - - - - EXISTING FENCE
- 5' - - - - - EXISTING 5' CONTOUR
- 1' - - - - - EXISTING 1' CONTOUR
- 5' - - - - - DESIGN 5' CONTOUR
- 1' - - - - - DESIGN 1' CONTOUR

SITE AND GRADING LEGEND

- 4" SP 3/8 BITUMINOUS CONCRETE MIX OVER 6" MINIMUM GRADE 1.5 BASE COURSE; ADDITIONAL BASE COURSE (EXCEEDING THE 6" MIN.) REQ'D TO REGRADE SITE TO ELEVATE CENTER OF PARKING LOT TO DRAIN TO DRAINAGE SUMPS



NAME OF FACILITY

DEPT. OF ALCOHOLIC BEVERAGE SERVICES
STORE NO. 28
VERNAL, UTAH

PROJECT TITLE:

PARKING LOT REPLACEMENT PROJECT

MARK	DATE	DESCRIPTION

ISSUE DATE:

DFCM PROJECT NO: 26220030
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SHEET TITLE

SITE AND GRADING PLAN

SHEET NUMBER

C-104

SHEET 4 OF 8

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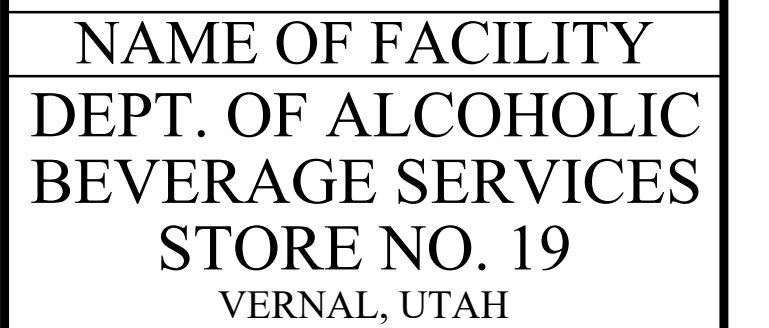
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PARKING LOT REPLACEMENT PROJECT

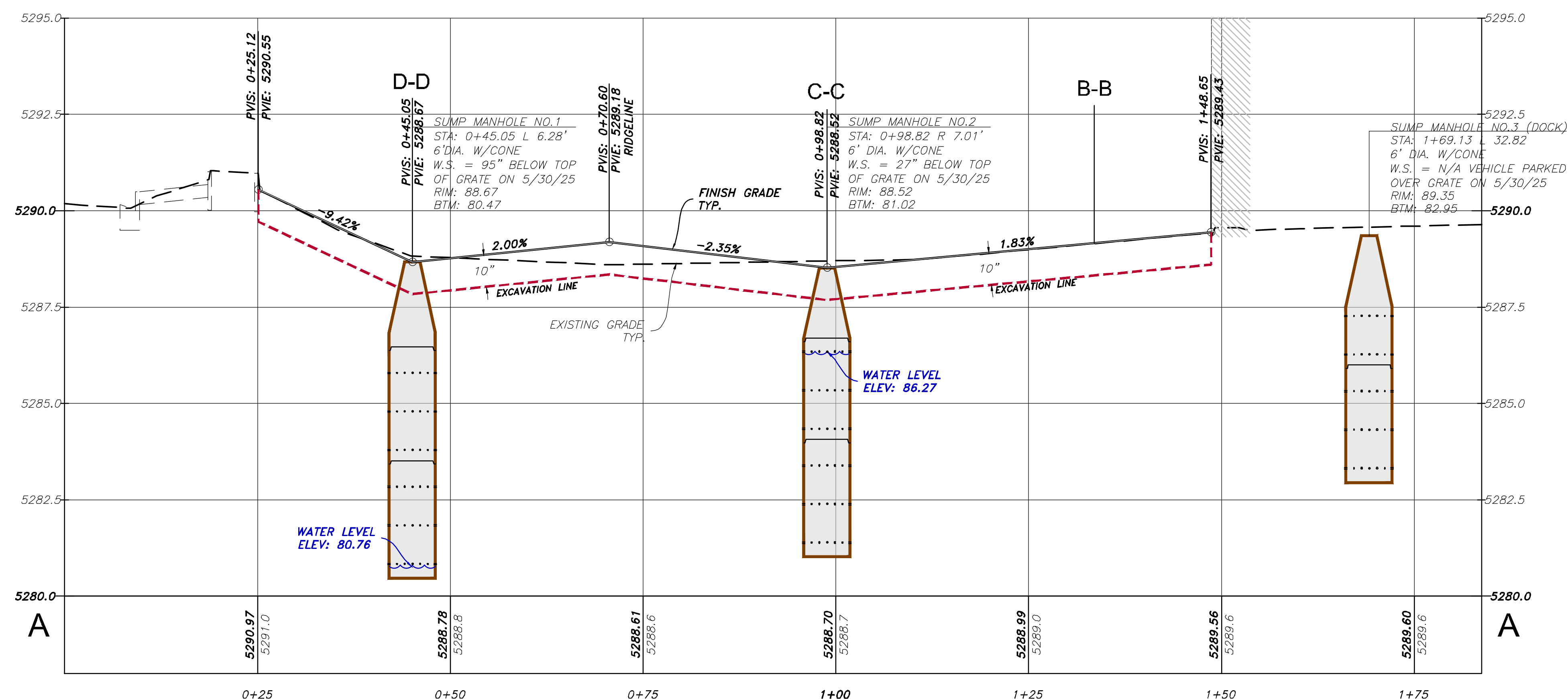
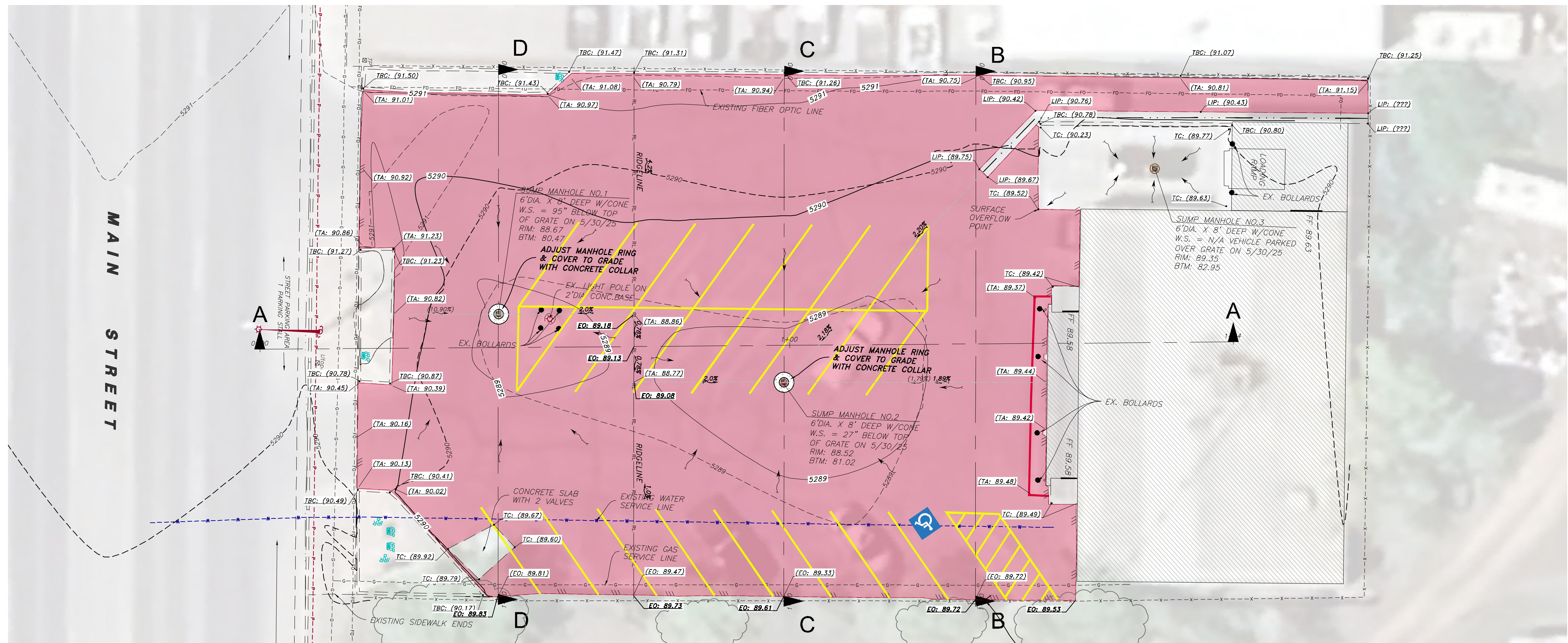
MARK	DATE	DESCRIPTION
ISSUE TYPE:		

DFCM PROJECT NO: 26220030
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SITE X-SECTIONS PLAN

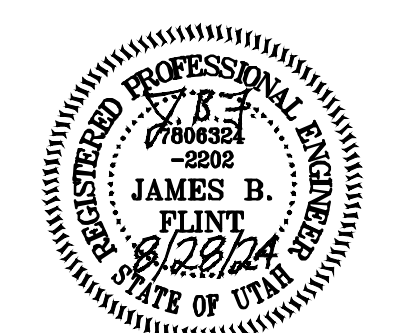
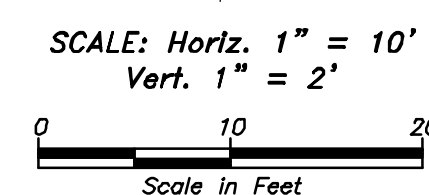
C-105

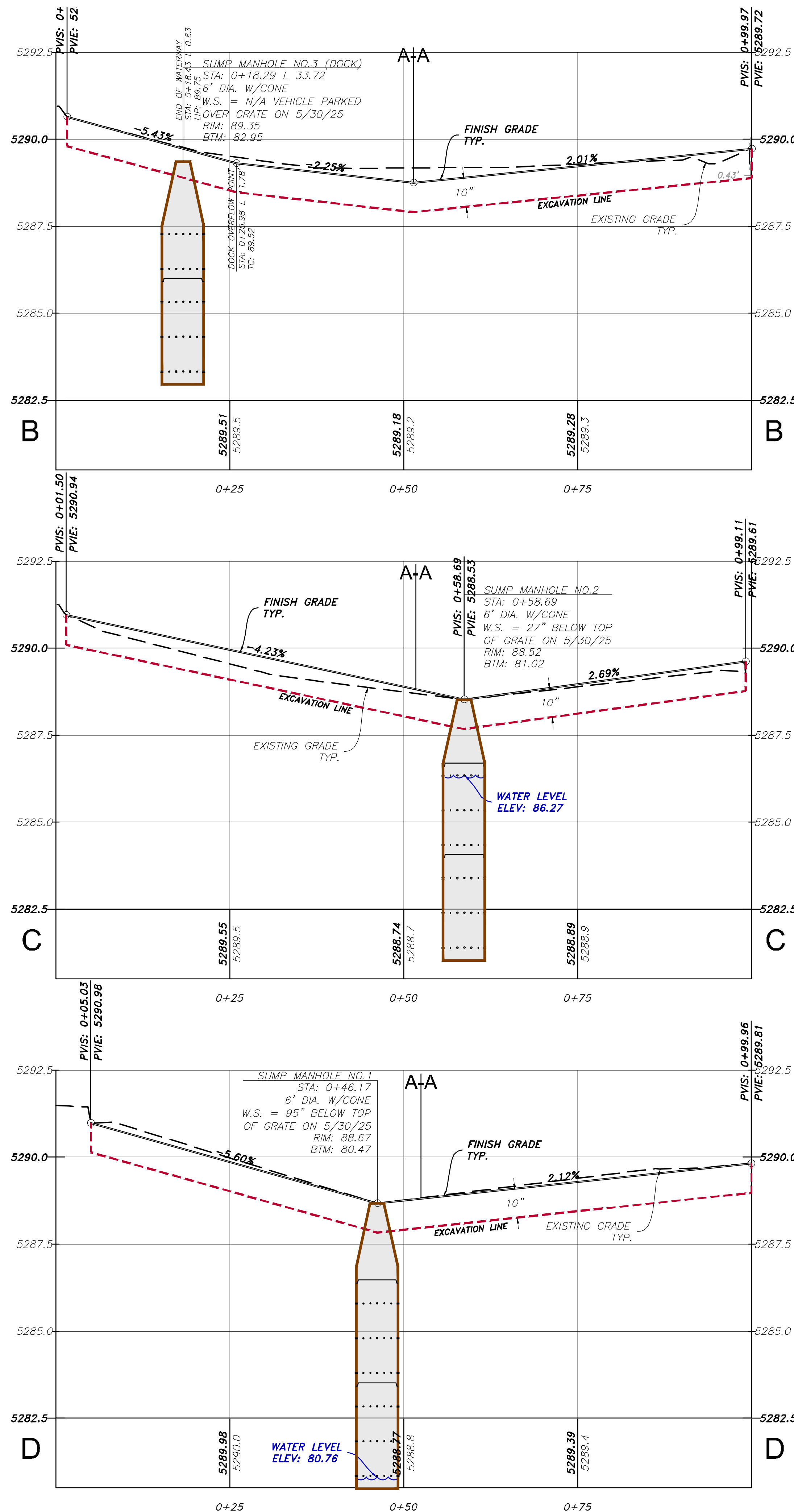
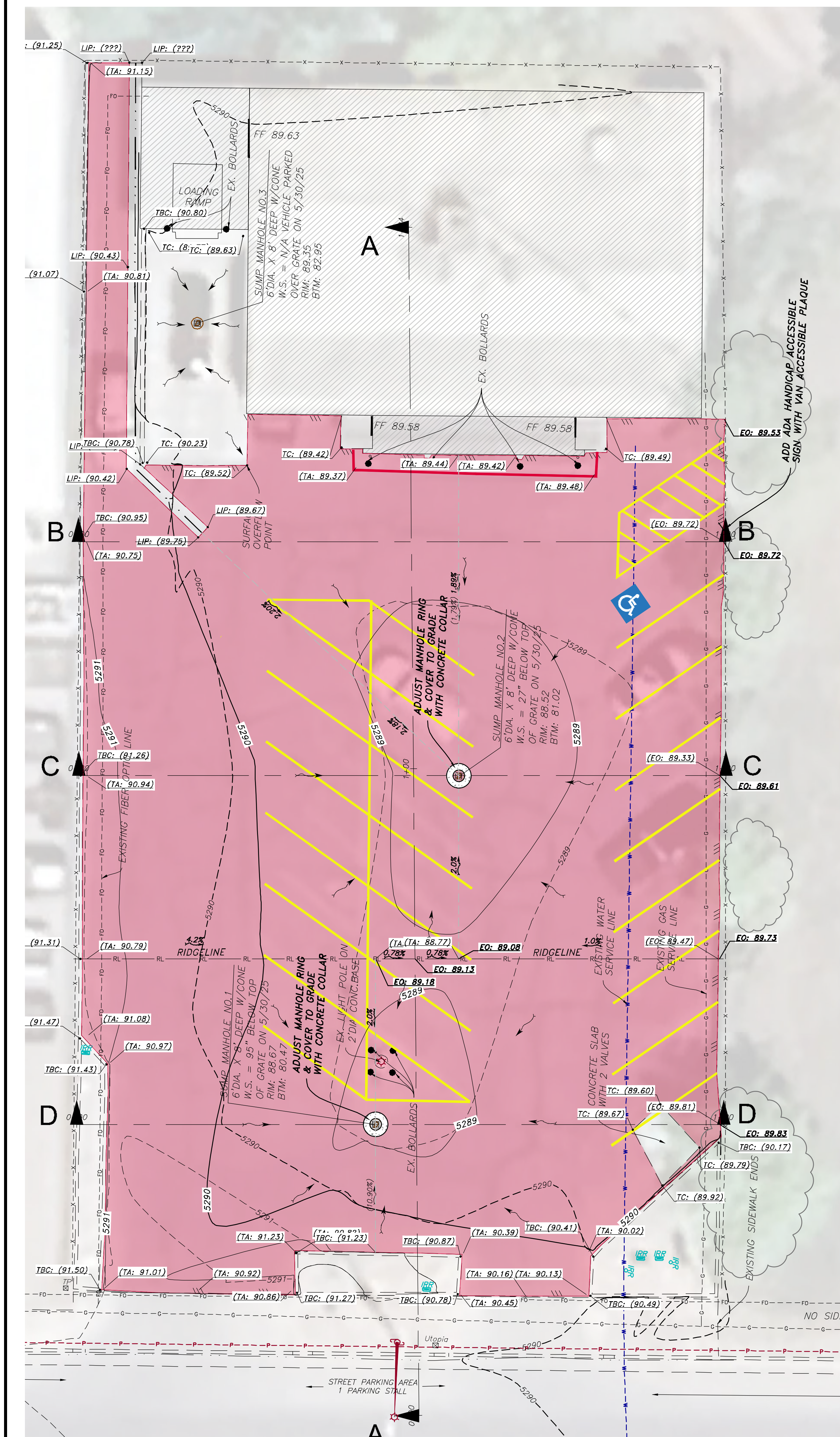
SHEET 5 OF 8



--FD-- --FD-- EXISTING FIBER OPTIC LINE
 -G- -G- EXISTING GAS LINE
 -W- -W- EXISTING WATER LINE
 -X- -X- EXISTING FENCE
 -4285- EXISTING 5' CONTOUR
 -4286- EXISTING 1' CONTOUR
 -4283- DESIGN 5' CONTOUR
 -4286- DESIGN 1' CONTOUR

4" SP 3/8 BITUMINOUS CONCRETE
MIX OVER 6" MINIMUM GRADE 1.5
BASE COURSE; ADDITIONAL BASE
COURSE (EXCEEDING THE 6" MIN.)
REQ'D TO REGRADE SITE TO
ELEVATE CENTER OF PARKING LOT
TO DRAIN TO DRAINAGE SUMPS



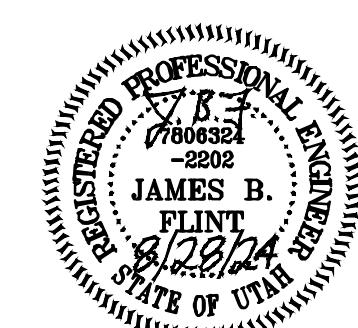
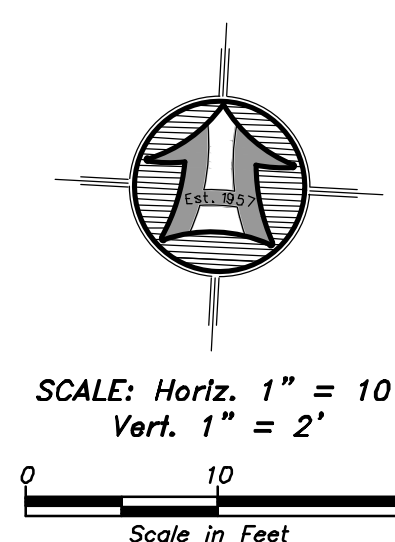


LEGEND:

- TO --- EXISTING FIBER OPTIC LINE
- TO --- EXISTING GAS LINE
- TO --- EXISTING WATER LINE
- TO --- EXISTING FENCE
- TO --- EXISTING 5' CONTOUR
- TO --- EXISTING 1' CONTOUR
- TO --- DESIGN 5' CONTOUR
- TO --- DESIGN 1' CONTOUR

SITE AND GRADING LEGEND

4" SP 3/8 BITUMINOUS CONCRETE MIX OVER 6" MINIMUM GRADE 1.5 BASE COURSE; ADDITIONAL BASE COURSE (EXCEEDING THE 6" MIN.) REQ'D TO REGRADE SITE TO ELEVATE CENTER OF PARKING LOT TO DRAIN TO DRAINAGE SUMPS



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NAME OF FACILITY
DEPT. OF ALCOHOLIC
BEVERAGE SERVICES
STORE NO. 19
VERNAL, UTAH

PROJECT TITLE:

**PARKING LOT
REPLACEMENT
PROJECT**

MARK DATE DESCRIPTION

ISSUE TYPE:

ISSUE DATE:

DFCM PROJECT NO: 26220030

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CHECKED BY: DCW & JF

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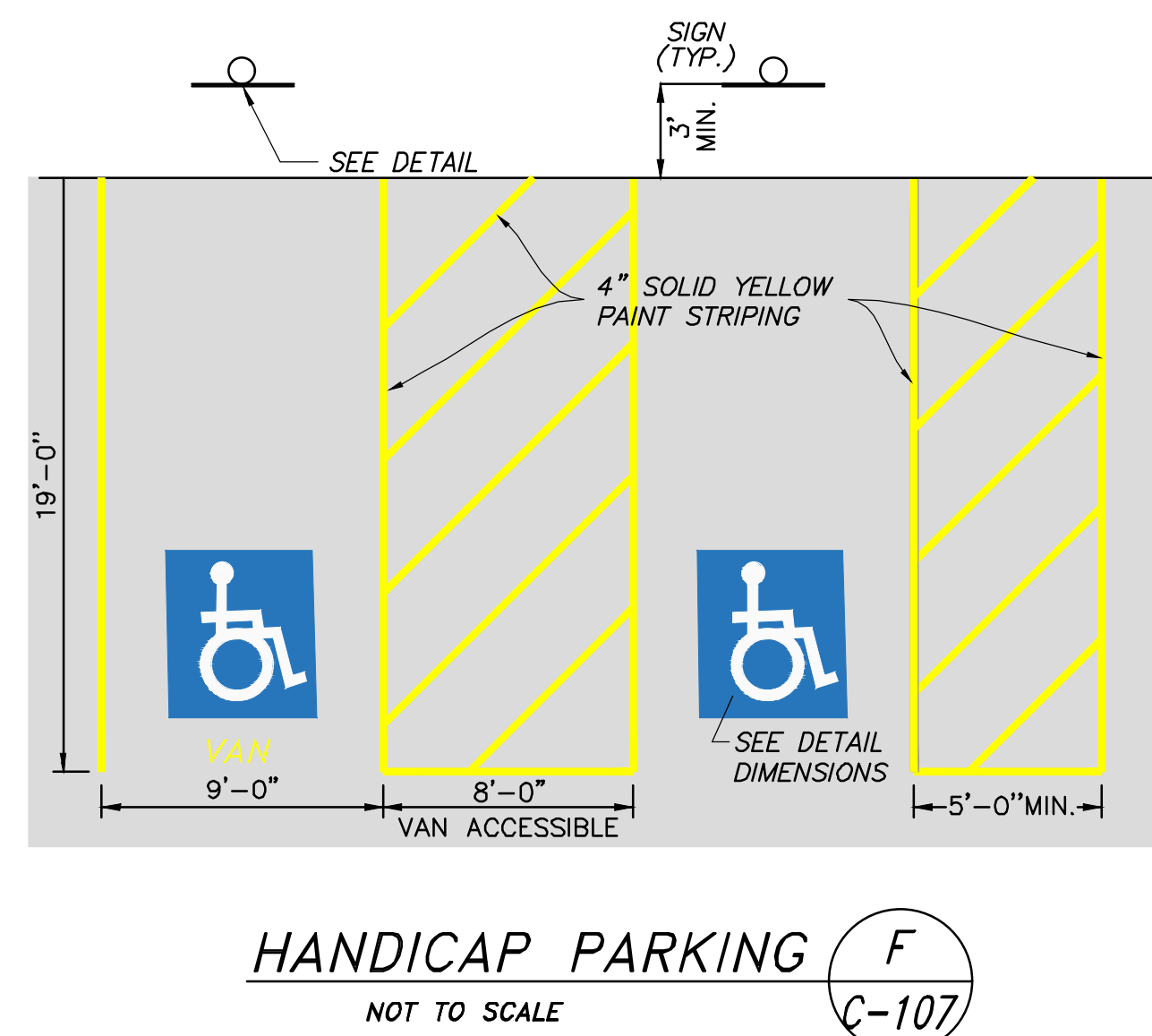
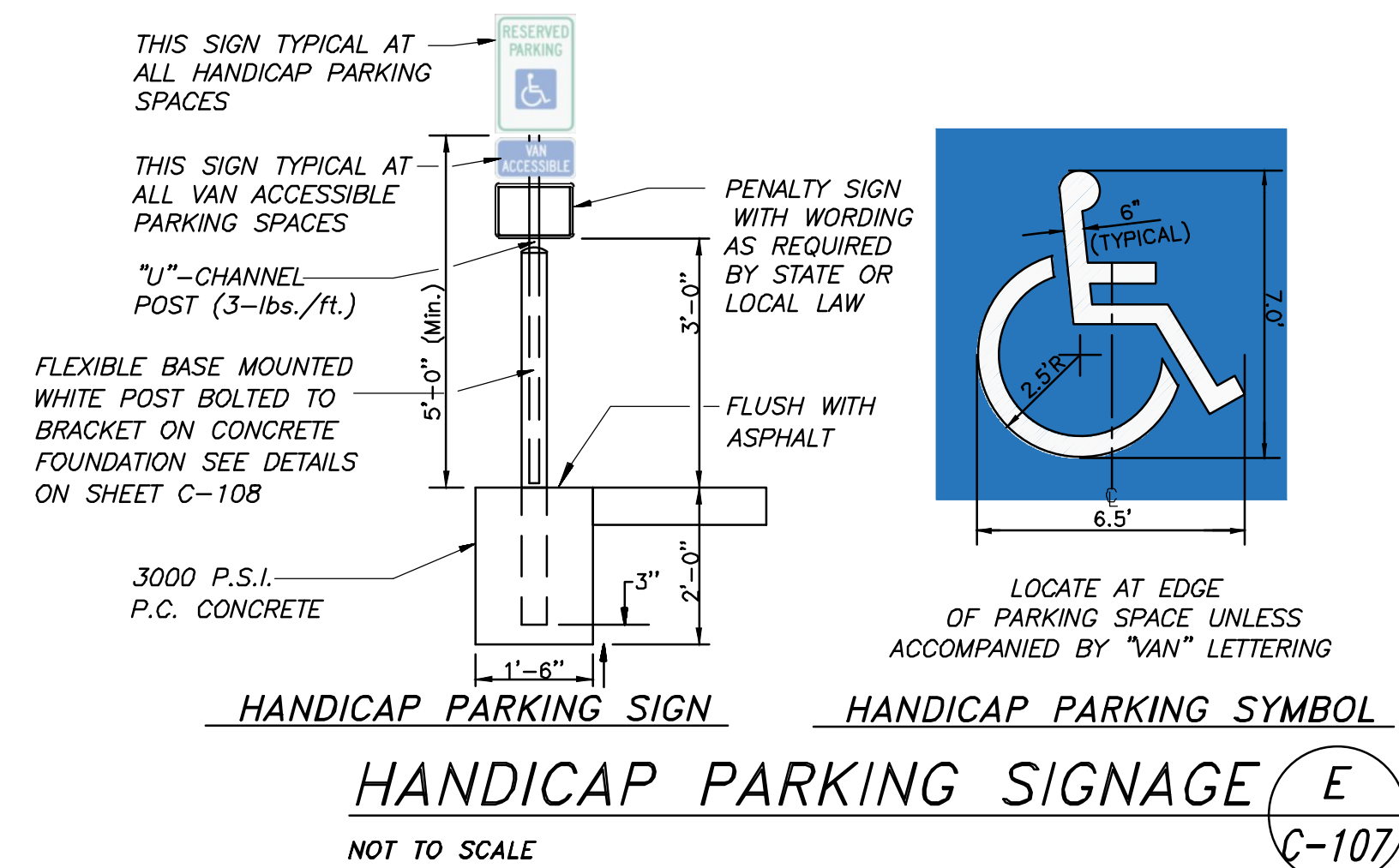
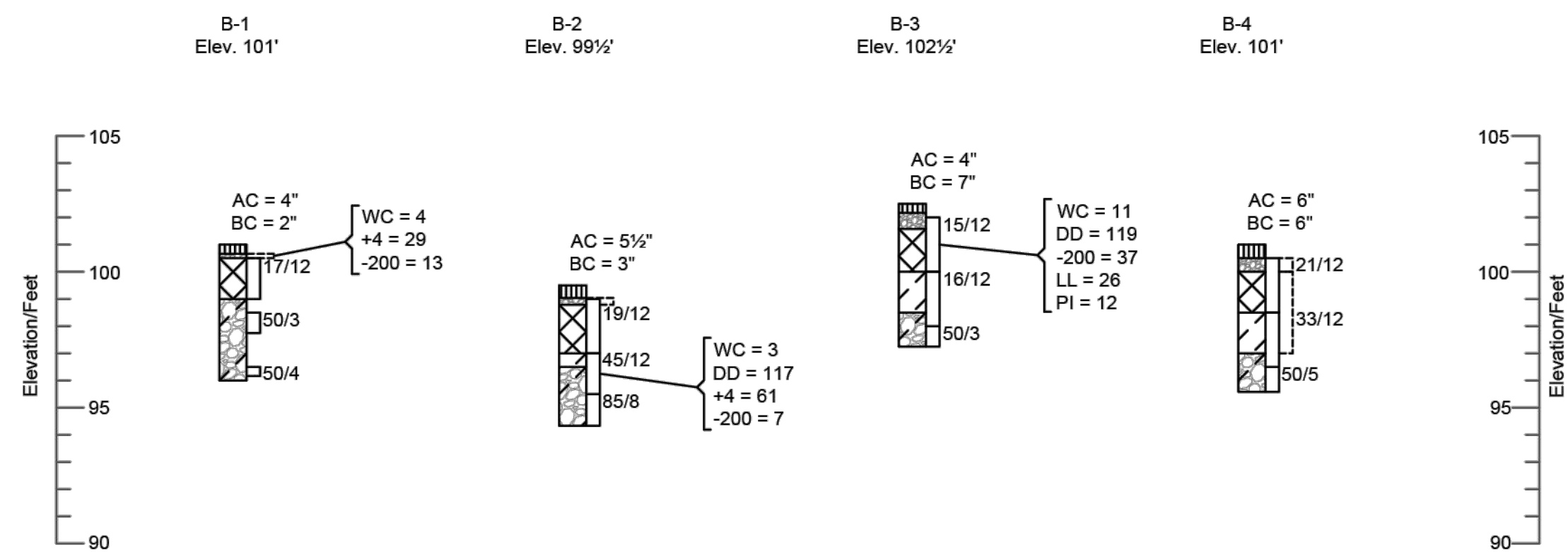
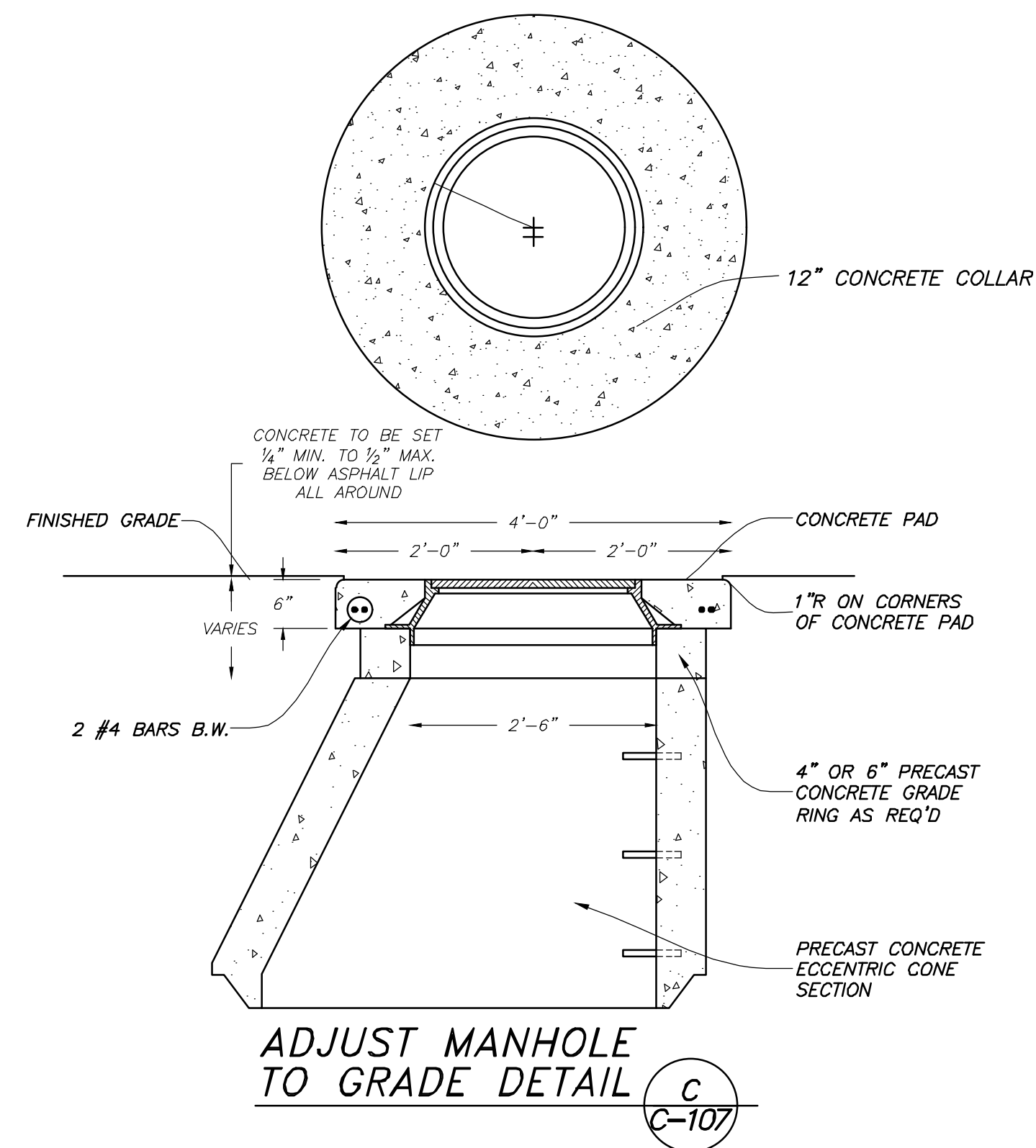
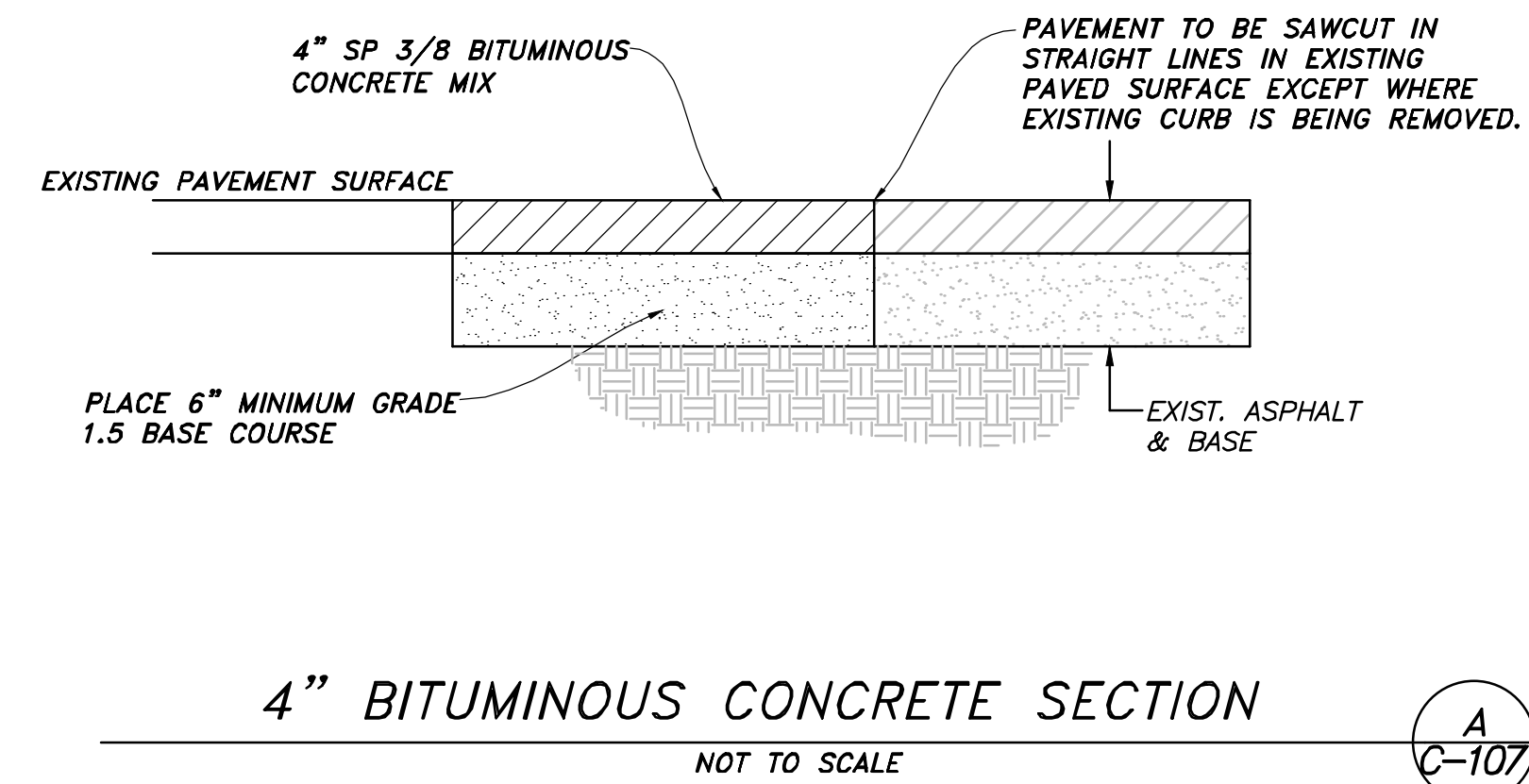
SHEET TITLE

**SITE
X-SECTIONS
PLAN**

SHEET NUMBER

C-106

SHEET 6 OF 8



EXPLORATORY BORING LOGS
NOT TO SCALE

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NAME OF FACILITY
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BEVERAGE SERVICES
STORE NO. 19
VERNAL, UTAH

PROJECT TITLE:
PARKING LOT
REPLACEMENT
PROJECT

MARK	DATE	DESCRIPTION
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ISSUE DATE:		
DFCM PROJECT NO: 26220030		
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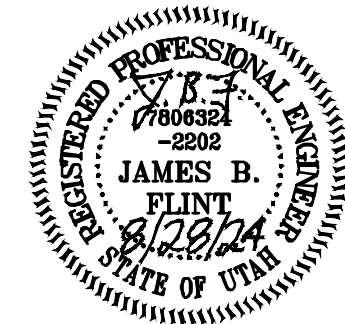
SHEET TITLE

SITE DETAILS

SHEET NUMBER

C-107

SHEET 7 OF 8





Product Information Bulletin

64 Outwater Lane, Garfield, NJ 07026 Ph: 973-340-7889 | Fax: 973-340-7809

78FLEXIB - 78" Tall Impact Recovery Fixed Base Sign Post

Specification

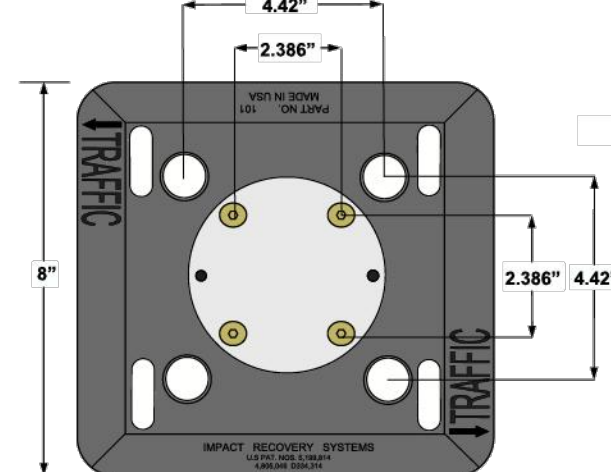
- Complete with two (2) brackets and required hardware.
- Post cap included.
- Supports plastic or aluminum signs up to 12" x 18".
- Post is constructed of white powder coated aluminum to prevent warping and remain straight.
- Outer yellow bollard is a durable plastic which simulates a formidable concrete barrier for added conspicuity. Prevents bumper damage to metal post.
- Unit has a reactive spring assembly that allows the sign post to be bumped by vehicles, rebound, and return upright.

Recommended Uses

- Parking lots
- Asphalt, concrete, or in-ground installation.
- Use where occasional bumping by vehicles can damage traditional sign posts causing costly repairs or replacement.

#101NS 8 x 8" Fixed Base

BASE TOP VIEW



Base Dimensions: 8 x 8 x 1"
Material: HDPE (High Density Polyethylene)
Hardware: Zinc plated shoulder bolts

DATE: / /

JOB: _____

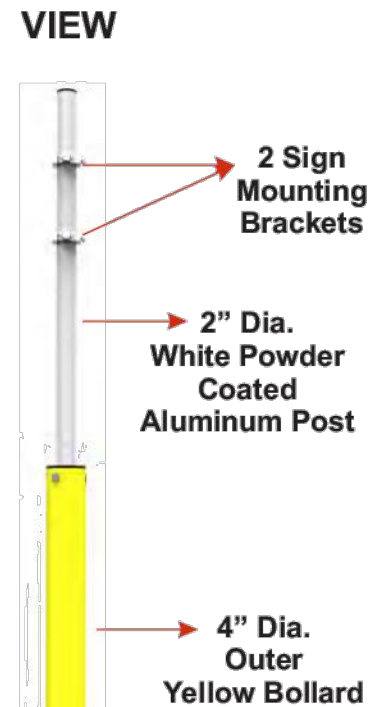
CONTRACTOR: _____

www.safetysign.com | sales@safetysign.com | Toll Free: 800.274.6271 | Toll Free Fax: 800.279.6897

FRONT VIEW



SIDE VIEW



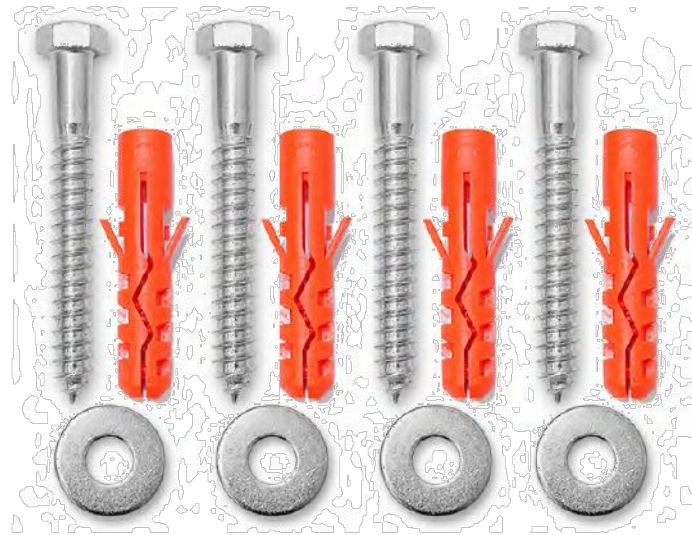
Product Information Bulletin

64 Outwater Lane, Garfield, NJ 07026 Ph: 973-340-7889 | Fax: 973-340-7809

Y4949 - Concrete Anchor Kit For Mounting Sign Base

Specification

- Size:** 1/2" x 4" Lag Screws + 1/2" x 3" Concrete Anchors + 1/2" Washers
- Material:** Zinc Plated Steel Lag Screws and Washers with Plastic Anchors
- Note:** For use with Fixed Base Y4946 and 78FLEXIPOST



- Concrete Anchors Kit include the following:
 - 4 - 1/2" x 3" long concrete orange anchors
 - 4 - 1/2" x 4" long -partial thread- lag screws
 - 4 - Washers

Materials Needed for Installation

- Drill with 5/8" (16mm) Bit
- Small Hammer
- 1/4" Allen Wrench
- One of the following: 3/4" (19mm) socket, 3/4" (19mm) wrench or adjustable wrench.

Installation Steps

- Place Fixed Base on surface, align to desired position. Using the base as a template, mark the four (4) holes to establish pattern for drill.
- Drill four (4) holes 3" (75mm) deep using a 5/8" (16mm) drill bit. Clean holes.
- Using a small hammer gently tap the anchors into the holes.
- Place base over the anchors. Put washer onto lag screw. Start lag screw through base hole into anchor. Use 3/4" wrench to tighten lag screw snug into base.
- Place the sign or post into base, check for proper alignment and hand tighten all four socket cap screws. Use 1/4" Allen wrench to snug screws.

DATE: / /

JOB: _____

CONTRACTOR: _____

www.safetysign.com | sales@safetysign.com | Toll Free: 800.274.6271 | Toll Free Fax: 800.279.6897



Product Information Bulletin

64 Outwater Lane, Garfield, NJ 07026 Ph: 973-340-7889 | Fax: 973-340-7809

Y4988 - Asphalt Anchor Kit For Mounting Sign Base

Asphalt Anchors Kit Include all of the following:

- 4 - Asphalt anchors
- 4 - One inch long -full thread- bolts
- 4 - Washers
- 2 - Bags of anchor grout (14oz)

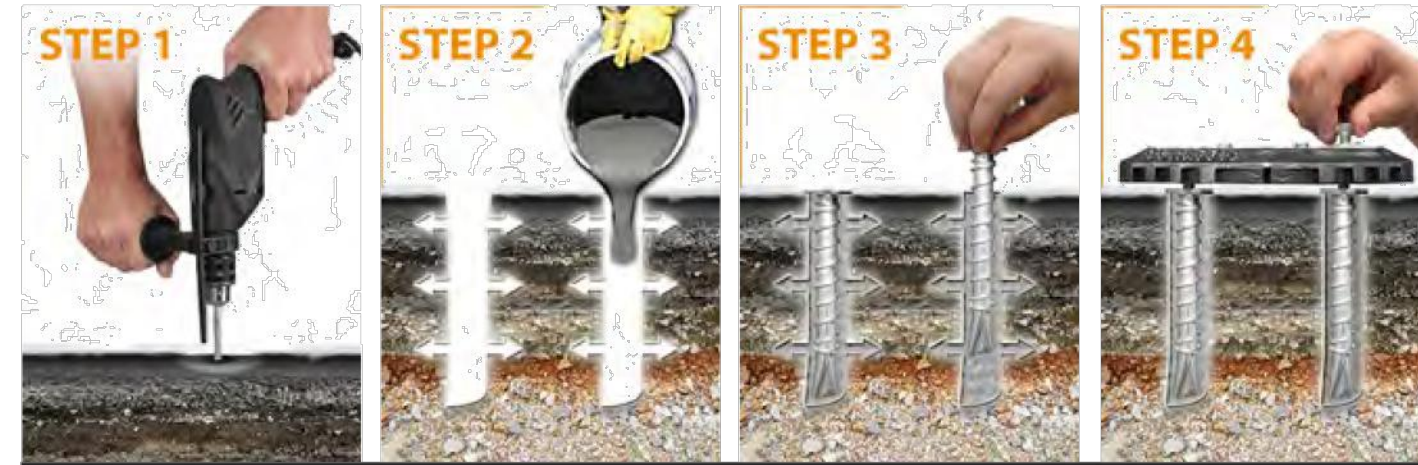
ANCHOR SPECS

Details	6" Anchor
Pull Rated	1,500 lb
Shear Rated	1,000 lb
Torque Rated	220 lb-in.
Thread	3/8"
Thread Depth	2.5"
Length	6"
Drill Hole	7/8"



Installation Steps

- Drill holes (4) per anchor specs above
- Fill holes with grout (1 bag of grout per every 2 holes)
- Push anchors in flush with surface and wait 15 minutes...
- Attach fixed base to anchors by using the 1" long bolts and washers supplied



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Installation Instructions for Surface Mount 8 x 8" Fixed Base

64 Outwater Lane, Garfield, NJ 07026
Phone: 973-340-7889 | Fax: 973-340-7809

Anchor Kit Y4949

Kit contains four each:
16mm x 3" plastic sleeve, 1/2" x 4" lag screw, 1- 1/4" metal washer

Recommended Tools:

Hammer drill with 5/8" bit, small hammer, 3/4" wrench or socket, 1/4" Allen wrench (fixed style only)

- Place Fixed Base on surface and align arrows to the desired position in the direction sign face or post will face. Mark anchor holes.
- Drill four (4) holes 3" deep using a 5/8" bit. Clean holes.
- Using a small hammer, gently tap the plastic sleeves into the holes. Top of sleeve should be flush with surface.
- Place the base over the anchors. Assemble washer to lag screw. Start lag screw through anchor holes into plastic sleeves. Use 3/4" wrench to tighten lag screws snug into base. Washer will rest on top of base and not in counter-sunk holes.



#1M-ANCHOR-KIT



EPOXY KIT

FOR BEST RESULTS CLOSELY FOLLOW THE EPOXY MANUFACTURER'S INSTALLATION RECOMMENDATIONS

- Check the bottom of base for tape covering t-nuts (fixed style only). Tape prevents epoxy from entering screws threads upon installation.
- Pavement surface must be clean and dry.
- For increased adhesion, flame treat the underside of the base prior to installation. Quickly passing a cool flame over the plastic surface will greatly increase adhesion.
- Mix epoxy as directed and closely follow epoxy instructions. Time, temperature, pressure, mix ratios, working life and shelf life all vary by manufacturer. Use a total of approximately 16 to 20 ounces per base.
- Align the base with arrows facing traffic and push into epoxy. Rotate base 90 degrees and back, filling underside channels and holes in base with epoxy. Allowing epoxy to fill anchor holes will increase adhesion through mechanical bonding.
- Epoxy should extend around sides of fixed base.
- Allow epoxy to dry 24 hours for optimum performance. Most epoxies are temperature sensitive. Take care to follow manufacturer's recommendations.



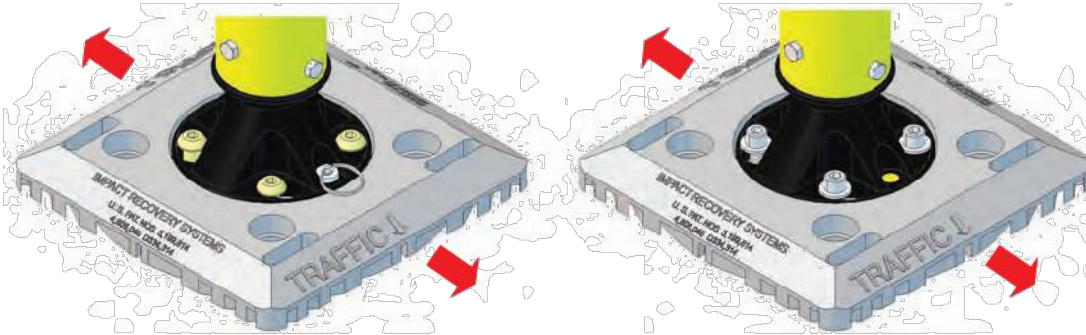
Epoxy Kit



Installed Base

Post Installation:

- Place the sign or post into the base and check for proper alignment. For fixed bases, insert and tighten all four socket cap screws with 1/4" allen wrench. For quick release bases, set spring unit on shoulder washers and turn slightly counterclockwise until pull pin fully seats.
- Ensure proper alignment of the spring and base with traffic. The pull-pin holes in the lower part of the spring should align with traffic and indication on surface mounted base. See diagrams at right.



Installation Instructions for Surface Mount 8 x 8" Fixed Base

64 Outwater Lane, Garfield, NJ 07026
Phone: 973-340-7889 | Fax: 973-340-7809

SUPER BUNDY® PLUS ADHESIVE

SUPER BUNDY IS ONLY RECOMMENDED FOR USE WITH DELINEATORS AND TUBULAR MARKERS WHEN INSTALLED ON A FIXED BASE.

General Requirements:

- Moisture:** Pavement must be dry.
- Surface:** Asphalt and concrete must be free of dirt, dust chemicals or significant oily substances. Do not apply on top of paint, cold plastic, or Greenlite. It can be applied on top of thermoplastic, provided it is clean.
- Material:** SUPER BUNDY® PLUS must be kept dry at all times. Store between 35° and 90° F. Shelf life is 12 months.
- Safety:** Be sure to use proper safety equipment such as gloves and safety goggles. Use appropriate caution when using an open flame.

Instructions:

- SUPER BUNDY® PLUS is a two-piece system. Do not attempt to use only a single piece as this will result in inadequate bonding.
- Check the bottom of fixed base for tape covering t-nuts (fixed style only). Tape prevents epoxy from entering screws threads upon installation.
- Pavement surface must be clean and dry.
- Pre-heat the pavement surface using a propane fueled torch.
- Position the first piece of SUPER BUNDY® PLUS on the pre-heated pavement surface.
- Begin heating the material by moving the flame from the torch slowly and steadily over the material in a sweeping motion. Evenly heat the material until it melts completely to bond with the pavement. A brownish film will typically form on the surface when material has reached molten stage. Continue to heat the adhesive pad until the well defined edges of the pad are no longer visible.
- Without delay, position the second pad directly on top of the molten piece.
- Heat the second adhesive pad until it is completely molten, in the same way as the first. When complete, the pads should appear as a puddle of molten adhesive.
- Position the Fixed Base directly on top of the molten adhesive and apply slight downward pressure to ensure embedding and bonding. Twist back and forth slightly. It is important to ensure that there is a small cushion of SUPER BUNDY® PLUS material remaining between the pavement and the Fixed Base.
- Curing is complete when the SUPER BUNDY® PLUS material has cooled down to a temperature that the fixed base can no longer be moved.



Super Bundy Kit



Heating Adhesive Pad



Placing Second Pad



Molten Puddle



Installation Instructions for 8 x 8" Fixed Base w/ Concrete Anchors

64 Outwater Lane, Garfield, NJ 07026
Phone: 973-340-7889 | Fax: 973-340-7809

Concrete Screw Anchors

Kit contains four each:
1/2" x 4" Concrete Screw Anchors, 1" Washers

Recommended Tools:

Hammer drill with 1/2" bit
Small hammer
3/4" wrench or socket
1/4" Allen wrench

Instructions:

- Place Fixed Base on surface and align arrows to the desired position in the direction sign face or post will face. Mark anchor holes.
- Drill four (4) holes 3-1/2" deep using a 1/2" bit. Clean holes.
- Place the base over the holes. Assemble washer to anchor screw. Use 3/4" wrench to tighten anchor screws snug into base. Washer will rest on top of base and not in counter-sunk holes.
- Place the sign or post into the base and check for proper alignment. For #BS-SMPx base, insert and tighten all four socket cap screws with 1/4" Allen wrench. For #BS-SMQx base, set spring unit on shoulder washers and turn slightly counterclockwise until pull pin fully seats.

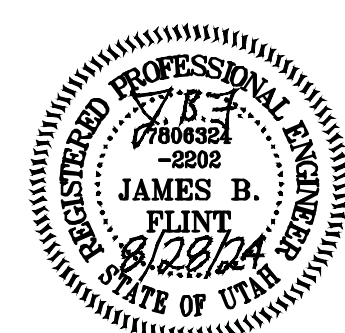
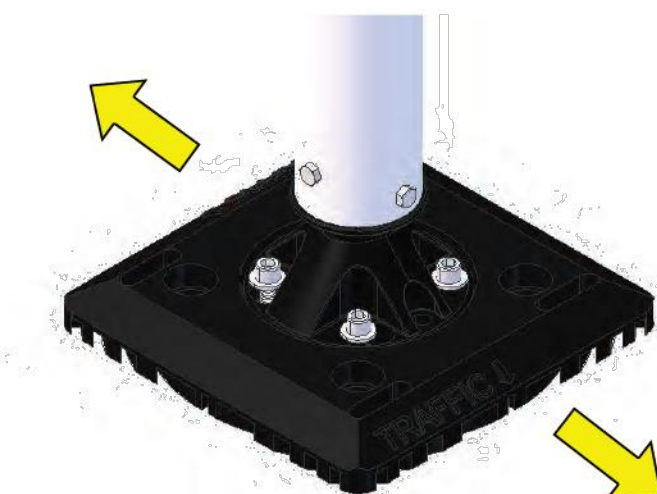
Note: Take care to align base and knuckle to intended direction of traffic.



Concrete Screw Anchors



Traffic Direction



DFCM
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Salt Lake City, Utah 84114
Phone: (801) 538 - 3018

dfcm.utah.gov



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STORE NO. 19
VERNAL, UTAH

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PARKING LOT
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MARK DATE DESCRIPTION

ISSUE TYPE:

ISSUE DATE:

DFCM PROJECT NO: 26220030

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SHEET NUMBER

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SHEET 8 OF 8