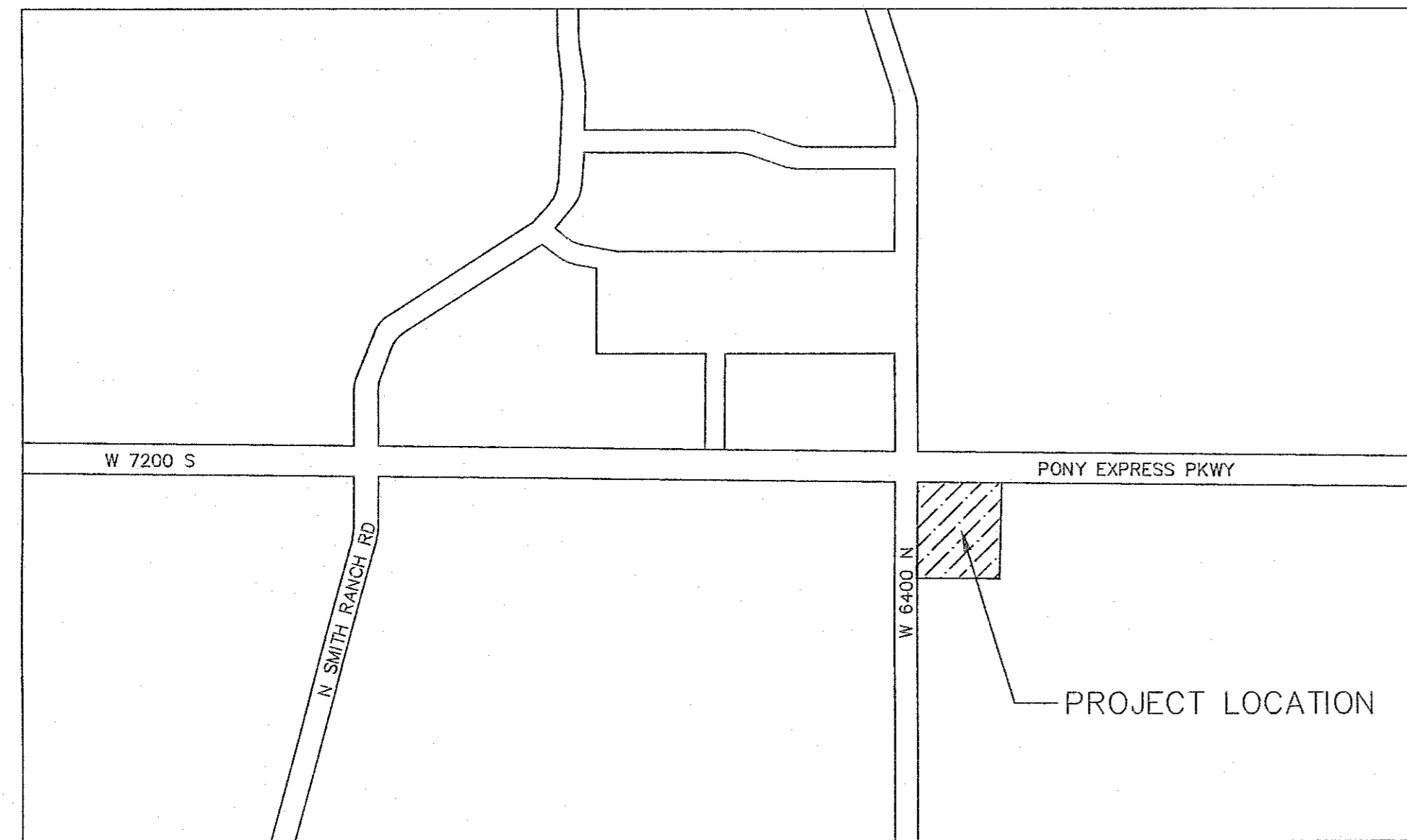


7-ELEVEN Eagle Mountain, UT

PROJECT ENGINEER:
NAME:
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492 WEST 1200 NORTH
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LARVIN@ELEVATEENG.COM

DEVELOPER:
NAME:
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LEADING TECH DEVELOPMENT
ADDRESS:
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BRIGHAM CITY, UT 84302
(801) 489-6188
RFORSTH@LEADINGTECHONLINE.COM

VICINITY MAP



INDEX

- C-0 Cover Sheet
- C-1 Site Plan
- C-1.1 Context Plan
- C-2 Grading and Drainage Plan
- C-3 Utility Plan
- C-4 Standard Details
- C-4.1 Dumpster Details
- C-5 Stormwater Pollution Prevention Plan
- C-6 SWPPP Details
- L-1 Landscape Plan
- Photometric Plan
- Building Elevations
- Signage Plans

Eagle Mountain City General Notes for construction drawings:

- SEWER-**
- Pipe bedding: 3/4" gravel required 6" below, on the sides & 12" above the pipe (minimum).
 - Depth: Sewer main/laterals to maintain 4' of cover (minimum) from finished grade, 3' minimum from top of pipe at time of installation.
 - Separation: sewer mains & laterals to maintain 10' separation (minimum) from culinary water mains & laterals.
 - Sewer Y's: 3' minimum separation between sewer Y's.
 - Lateral stubs: A) stubs must extend 15' into property and be marked with 2x4 painted green. B) All laterals must be GIS (shot in) at the Y's and stubs. Also slopes (2% min. on 4" pipe) to be checked before backfill.
 - Manholes: manholes to be within 1' of finished grade. 12" of whirly gig form (max) and no flat rings allowed. 12" of 3/4" gravel required under manholes/boxes.
- WATER-**
- Valves: 1. Valves must be flanged to tee's (fittings). 2. Valves 12" and larger to be butterfly valves.
 - Bedding: sand must meet AASHTO (A-3) gradation with 100% passing the #4 sieve. 6" below pipe on the sides & 12" above pipe (minimum).
 - Depth: water main & laterals must maintain 4' cover from finished grade (minimum), 3' minimum from top of pipe at time of installation. Max depth 72" from finished grade.
 - Services & fittings: services & fittings to maintain 3' minimum separation from pipe joints and other fittings.
 - Setters: all setters to be 21" tall (minimum), have unions at the base and be dual check model, also 3/4" setters to have double braces. Setters to be set at: 18" to 22" from the top of setter to top of lid. 21" inside diameter can HDPE.
 - Water can lid: all lids to say "Eagle Mountain" on them recessed with a hole for the ERT and to be set at level to 1" above the plane of the curb & sidewalk.
 - Water Can: the water can for 3/4" & 1" services will need to be a 21" tall minimum and inside diameter. Water can for 1-1/2" to 2" service will need to follow APWA specification.
 - Hydrants: hydrants to be 5' bury (minimum).
 - Laterals: all laterals need to be GIS (shot in) at the corp. stop & setter, and also visual inspection on poly inserts before backfill. Water laterals to extend 15' into property and be marked with a 2x4 painted blue. All poly lines to have visual poly insert inspection.
 - Tracer wire: run tracer wire along main & extend up setters and hydrants, do not run up valve boxes.
 - Water fittings: all water fittings to be checked for thrust blocks (pre & post) and GIS (shot in) before backfill.
 - Vertical separation: water main to maintain 18" minimum separation from storm drain or other obstacles/utilities.
 - Water line fittings: all fittings to have mega lug followers.
 - Water Main Line: NO DEFLECTION or bending of pipe will be allowed in the water lines and bend fittings will be required. All fittings to be Mega-lug fittings.
- STORM DRAIN-**
- Bedding: 3/4" gravel 6" below and on sides of pipe & 12" above pipe (minimum).
 - ADS: all ADS pipe to be "HP" brand.
 - Collars: collars to be 1'x1' around pipe, 4000 psi concrete, inspection is needed pre & post collar pour.
 - Manholes: manholes to be within 1' of finished grade. 12" of whirly gig form (max) and no flat rings allowed. 12" of 3/4" gravel required under manholes/boxes.
- ROAD SECTION-**
- Proof rolls: proof roll required on all sections of road: i.e. sub-grade, sub-base, and curb base and road base. Curb stakes required for sub-grade inspection and string line required for sub-base and road base inspection.
 - UTBC: state spec. road base required for all roads, commercial base acceptable for the sidewalks & trails.
 - Collars: all collars to be 1' deep with a 6000 psi concrete with 1.5# fiber mesh per cubic yard (3/4" monofilament) required for all street collars. Manhole covers and water valve towers to be 1/2" down from asphalt edge and concrete to be 1/4" to 3/8" down from asphalt edge.

LEGEND & ABBREVIATION TABLE

R.O.W./PROPERTY LINE	---	EXISTING CURB AND GUTTER	---
EASEMENT LINE	---	PROPOSED CURB AND GUTTER	---
CENTER LINE	---	INVERT ELEVATION	I.E.
PROPOSED TRAIL	---	TOP BACK CURB	TBC
PROPOSED WATER LINE	W-W-W	TOP ASPHALT	TA
PROPOSED PRESSURIZED IRRIGATION	PI-PI-PI	TOP OF GRATE	TOG
PROPOSED GROUND WATER DRAIN	GW-GW-GW	FINISHED GRADE	FG
PROPOSED SEWER LINE	SS-SS-SS	TOP OF CONCRETE	TC
PROPOSED STORM DRAIN LINE	SD-SD-SD	HIGH WATER ELEVATION	HWE
EXISTING SEWER LINE	SS SS	CATCH BASIN	
EXISTING WATER LINE	W W	SURFACE FLOW DIRECTION	
EXISTING STORM DRAIN LINE	SD SD	PROPOSED STREET LIGHT	
EXISTING CONTOUR	42.47	STORM DRAIN MANHOLE	
FINISHED CONTOUR	47.00	SANITARY SEWER MANHOLE	
		PROPOSED WATER VALVE	

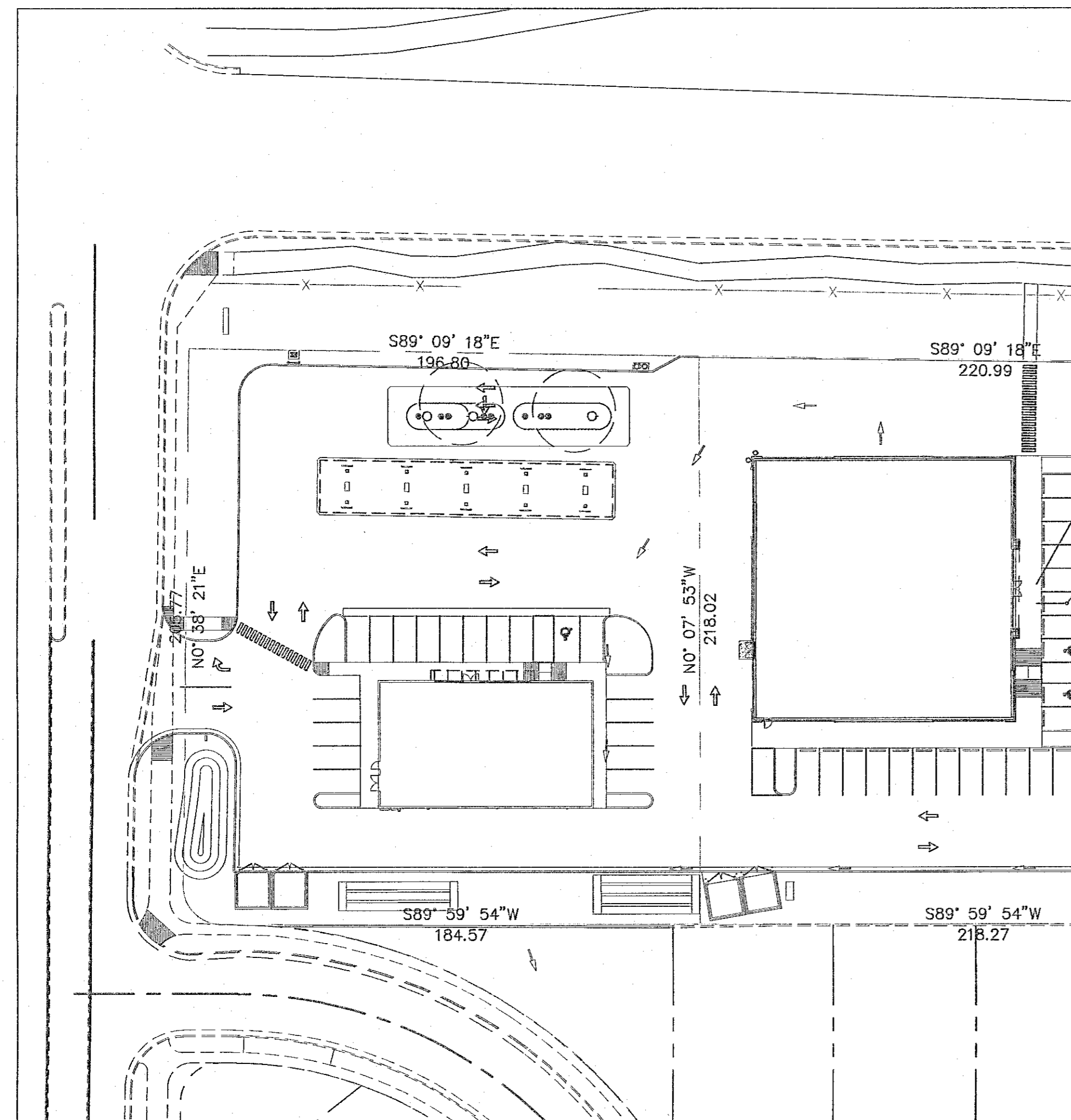
SITE DATA

7-ELEVEN LOT AREA:	45,424	SF (1.043 ACRES)
BUILDING AREA:	4,067	SF± 8.9%
PAVEMENT AREA:	31,507	SF± 69.4%
LANDSCAPE AREA:	9,850	SF± 21.7%

ZONING: COMMUNITY COMMERCIAL
CONDITIONAL USE

**EAGLE MOUNTAIN CITY
APPROVED**

City Engineer Planning Director
By *Alan Tully* *Steve [Signature]*
Date 12-10-20 12/11/20



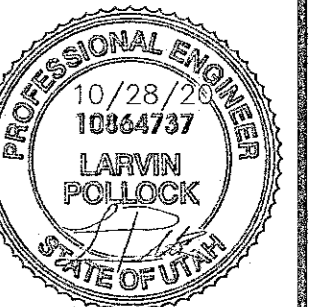
SITE MAP
1"=40'

NO.	REVISIONS	BY	DATE

ELEVATE ENGINEERING
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SPRINGVILLE, UT 84663
PHONE: (801) 718-5993
larvin@elevateeng.com

ELEVATE
ENGINEERING

7-ELEVEN EAGLE MOUNTAIN
ENGINEERING COVER SHEET PLANNING
6400 N AND PONY EXPRESS PKWY EAGLE MOUNTAIN, UT 84005



SHEET:
C-0

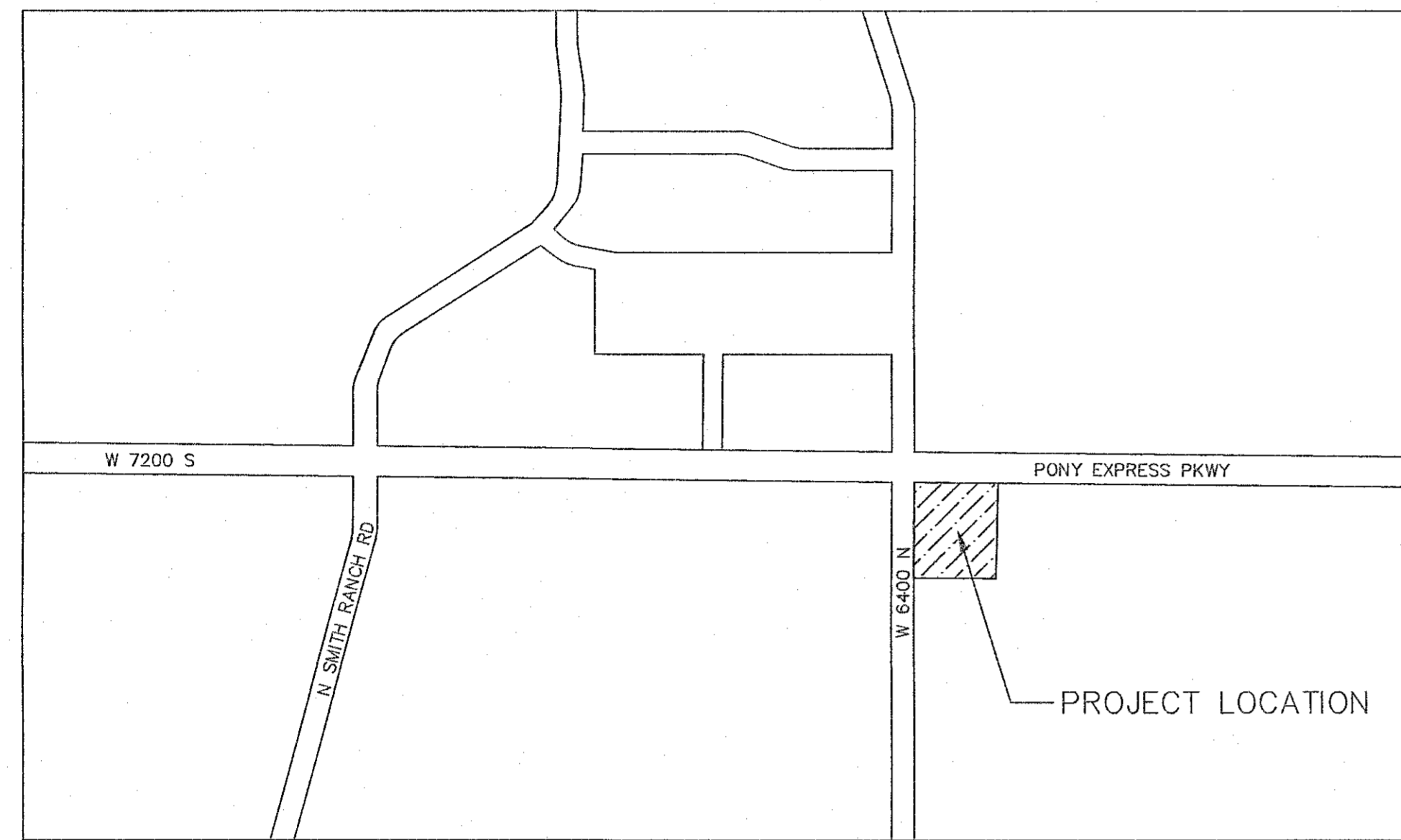
DATE: Oct 28, 2020

7-ELEVEN Eagle Mountain, UT

PROJECT ENGINEER:
NAME:
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VICINITY MAP



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EASEMENT LINE		PROPOSED CURB AND GUTTER	
CENTER LINE		INVERT ELEVATION	I.E.
PROPOSED TRAIL		TOP BACK CURB	TBC
PROPOSED WATER LINE		TOP ASPHALT	TA
PROPOSED PRESSURIZED IRRIGATION		TOP OF GRATE	TOG
PROPOSED GROUND WATER DRAIN		FINISHED GRADE	FG
PROPOSED SEWER LINE		TOP OF CONCRETE	TC
PROPOSED STORM DRAIN LINE		HIGH WATER ELEVATION	HWE
EXISTING SEWER LINE		CATCH BASIN	
EXISTING WATER LINE		SURFACE FLOW DIRECTION	
EXISTING STORM DRAIN LINE		PROPOSED STREET LIGHT	
EXISTING CONTOUR		STORM DRAIN MANHOLE	
FINISHED CONTOUR		SANITARY SEWER MANHOLE	
		PROPOSED WATER VALVE	

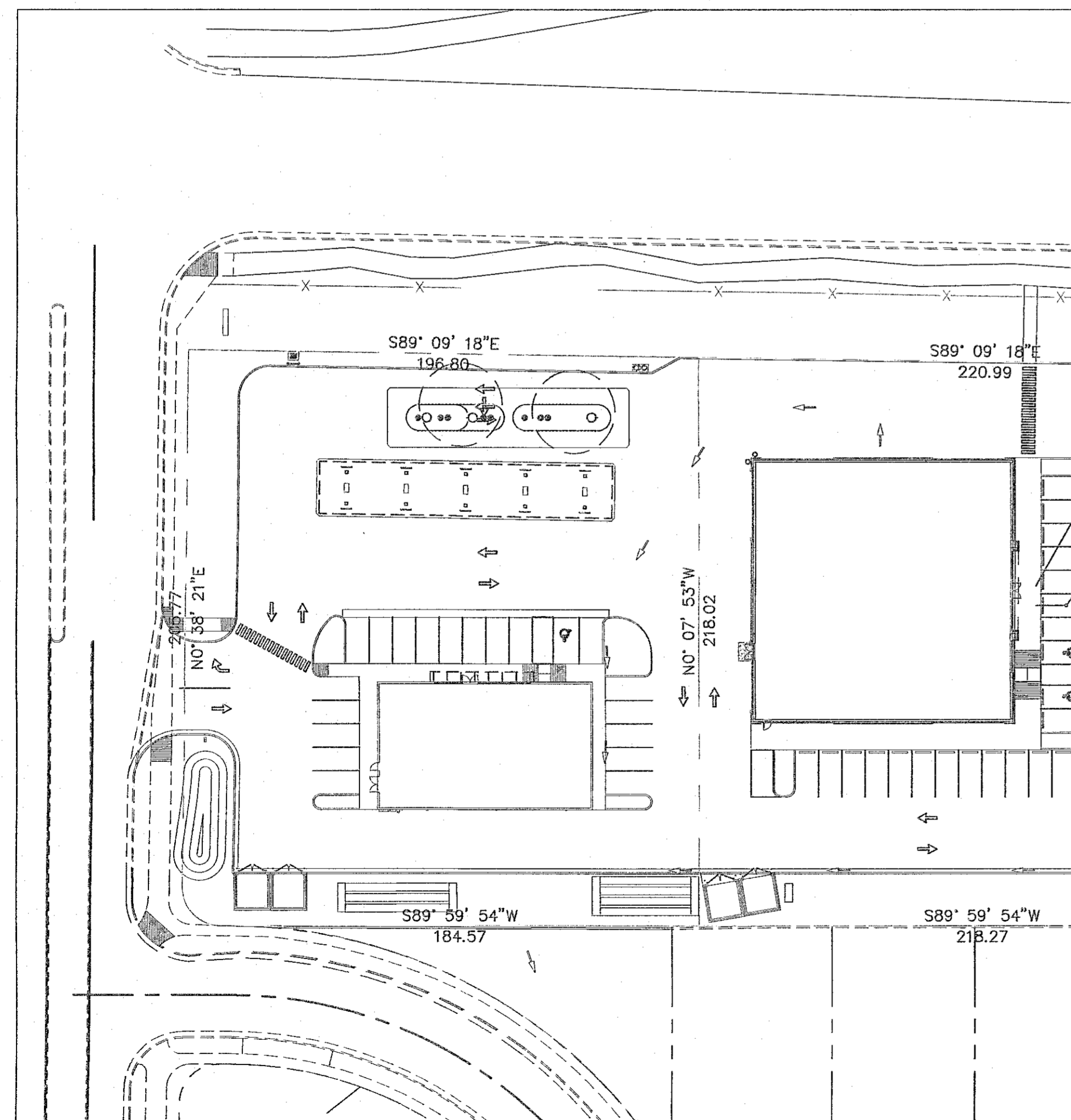
SITE DATA

7-ELEVEN LOT AREA:	45,424	SF (1.043 ACRES)
BUILDING AREA:	4,067	SF± 8.9%
PAVEMENT AREA:	31,507	SF± 69.4%
LANDSCAPE AREA:	9,850	SF± 21.7%

ZONING: COMMUNITY COMMERCIAL
CONDITIONAL USE

**EAGLE MOUNTAIN CITY
APPROVED**

City Engineer Planning Director
By: *[Signature]* *[Signature]*
Date: 12/15/20 12/15/20



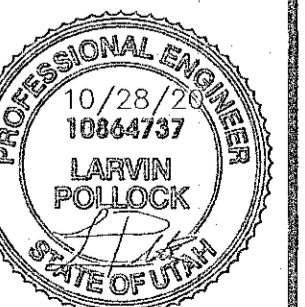
SITE MAP
1" = 40'

NO.	REVISIONS	BY	DATE

ELEVATE ENGINEERING
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SPRINGVILLE, UT 84663
PHONE: (801) 718-5993
larvin@elevateeng.com

ELEVATE
ENGINEERING

7-ELEVEN EAGLE MOUNTAIN
ENGINEERING COVER SHEET PLANNING
6400 N AND PONY EXPRESS PKWY EAGLE MOUNTAIN, UT 84005



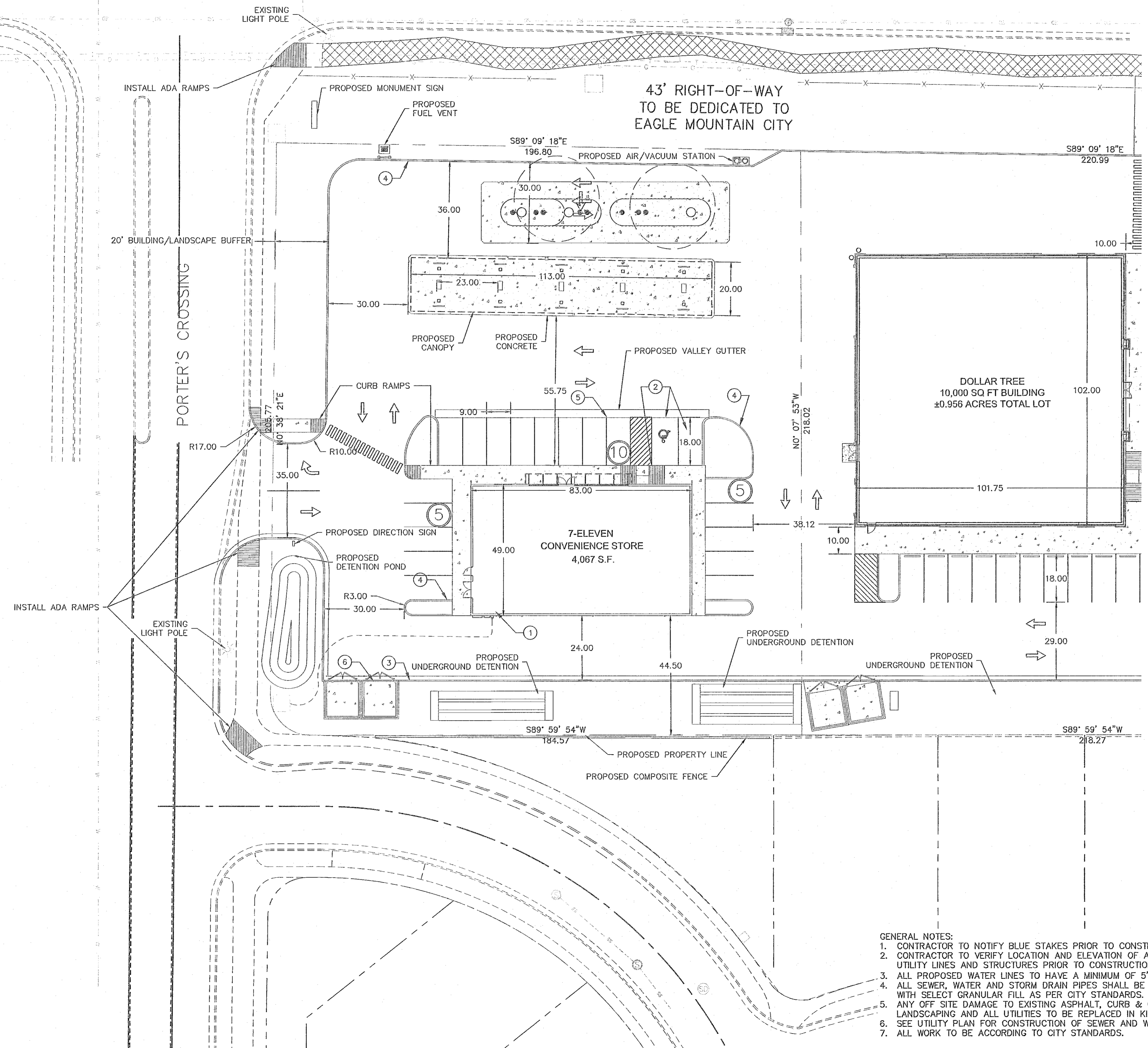
SHEET:
C-0

DATE: Oct 28, 2020

NOTE: ALL APPLICABLE ELEMENTS OF THE AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES WILL BE ADHERED TO.

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PONY EXPRESS PARKWAY



LEGEND

LOT LINES (PROPERTY)	---
EXISTING CURB AND GUTTER	---
PROPOSED CURB AND GUTTER	---
EXISTING FENCE	-X-
INVERT ELEVATION	IE
TOP OF ASPHALT	TA
TOP BACK OF CURB	TBC
PROPOSED	PROP
EXISTING	EX
FINISHED GRADE	FG
FINISHED FLOOR ELEVATION	FFE
LANDSCAPE AREA	[Pattern]
CONCRETE AREA	[Pattern]

SITE DATA

7-ELEVEN LOT AREA:	45,424	SF (1.043 ACRES)
BUILDING AREA:	4,067	SF ± 8.9%
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ZONING: COMMUNITY COMMERCIAL
 CONDITIONAL USE

BUILDING DATA

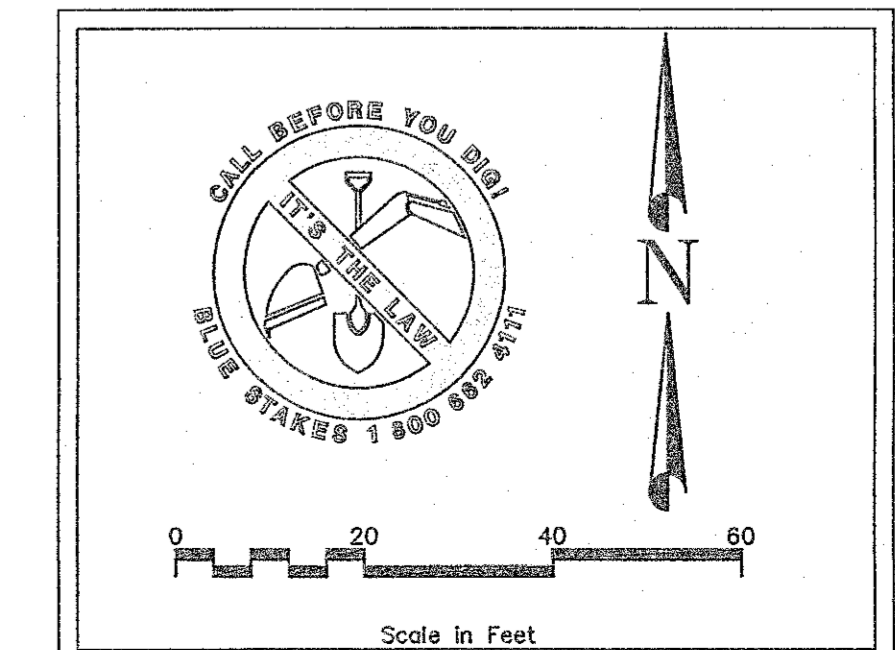
CONSTRUCTION TYPE: V-B
 SPRINKLERS: NO
 SETBACKS:
 FRONT=20 FEET
 REAR=20 FEET
 SIDE=0

PARKING TABULATION (7-ELEVEN)

REQUIRED: 1 STALLS PER 200 SQ. FT.
 PROVIDED: 20 STALLS
 1 ADA STALLS

- NOTES:**
- PROPOSED 7' SIDEWALK PER APWA STANDARD PLAN 231. SEE SHEET C-4 FOR DETAILS.
 - ALL HANDICAP STALLS AND RAMPS TO BE INSTALLED PER ADA AND APWA STANDARDS. SEE SHEET C-4 FOR DETAILS.
 - PROPOSED CURB & GUTTER TYPE E PER APWA STANDARD PLAN 205. SEE SHEET C-4 FOR DETAILS.
 - PROPOSED CURB TYPE P PER APWA STANDARD PLAN 209. SEE SHEET C-4 FOR DETAILS.
 - PAINT 4" SOLID YELLOW PAINT STRIPE AS SHOWN (TYPICAL).
 - PROPOSED DUMPSTER LOCATION.

- GENERAL NOTES:**
- CONTRACTOR TO NOTIFY BLUE STAKES PRIOR TO CONSTRUCTION
 - CONTRACTOR TO VERIFY LOCATION AND ELEVATION OF ALL EXISTING UTILITY LINES AND STRUCTURES PRIOR TO CONSTRUCTION
 - ALL PROPOSED WATER LINES TO HAVE A MINIMUM OF 5' OF COVER
 - ALL SEWER, WATER AND STORM DRAIN PIPES SHALL BE BACKFILLED WITH SELECT GRANULAR FILL AS PER CITY STANDARDS.
 - ANY OFF SITE DAMAGE TO EXISTING ASPHALT, CURB & GUTTER, LANDSCAPING AND ALL UTILITIES TO BE REPLACED IN KIND.
 - SEE UTILITY PLAN FOR CONSTRUCTION OF SEWER AND WATER LINES.
 - ALL WORK TO BE ACCORDING TO CITY STANDARDS.



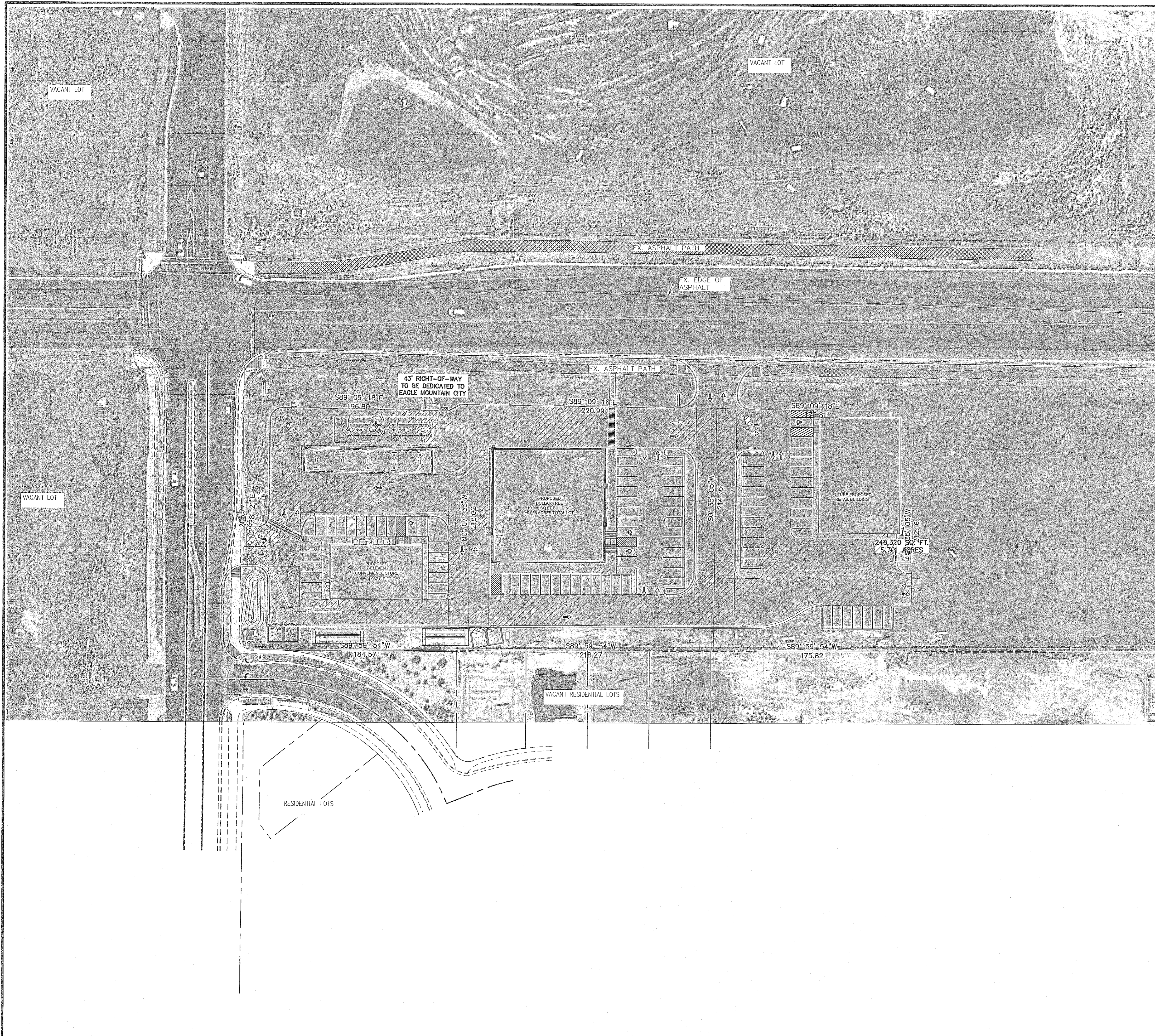
7-ELEVEN EAGLE MOUNTAIN
 SITE PLAN
 6400 N AND PONY EXPRESS PKWY EAGLE MOUNTAIN, UT 84005

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 larvin@elevateeng.com

PROFESSIONAL ENGINEER
 10/28/20
 10864737
 LARVIN
 POLLOCK
 STATE OF UTAH

DESIGNER: DL
 PROJECT ENGINEER: LP

SHEET: C-1
 DATE: Oct 28, 2020



LEGEND

LOT LINES (PROPERTY)	
EXISTING CURB AND GUTTER	
PROPOSED CURB AND GUTTER	
EXISTING FENCE	
EXISTING BUILDING	
INVERT ELEVATION	IE
TOP OF ASPHALT	TA
TOP BACK OF CURB	TBC
PROPOSED	PROP
EXISTING	EX
FINISHED GRADE	FG
FINISHED FLOOR ELEVATION	FFE
LANDSCAPE AREA	
CONCRETE AREA	
SHARED DRIVE ISLE	

NO.	REVISIONS	BY	DATE

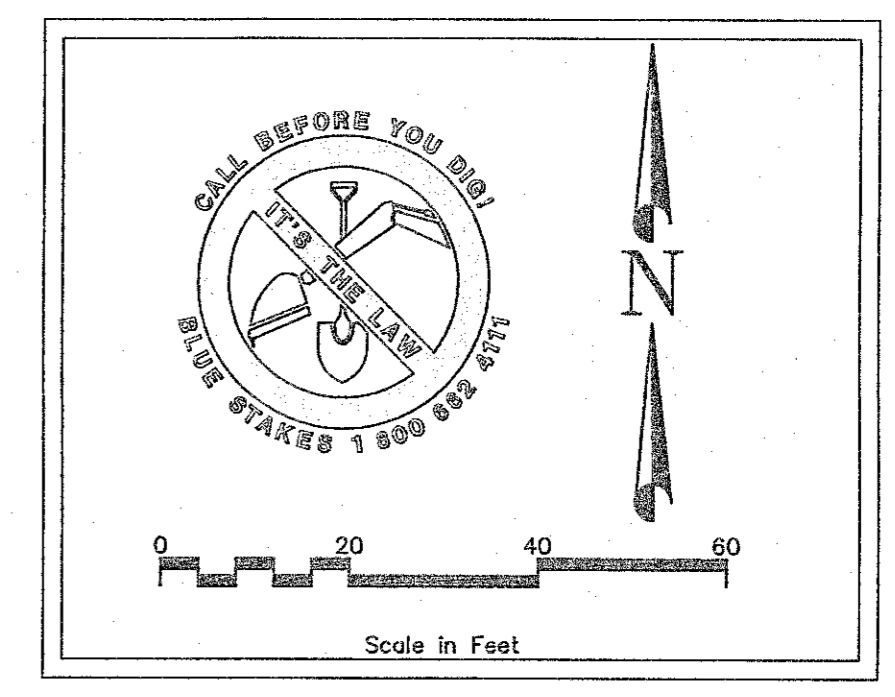
ELEVATE
ENGINEERING

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PHONE: 801-770-9893
lev@elevateeng.com

7-ELEVEN EAGLE MOUNTAIN
CONTEXT PLAN
6400 N AND PONY EXPRESS PKWY EAGLE MOUNTAIN, UT 84005

SHEET:
C-1.1

DATE:
Oct 28, 2020



DETENTION	VOL (cf)
POND	1111
UNDERGROUND 1	1003
UNDERGROUND 2	1201
12" PIPES	475
STORAGE REQUIRED	3792
TOTAL STORAGE	3790

DRAINAGE CALCS FOR 7-ELEVEN EAGLE MOUNTAIN			
80th Percentile Retention Storm Design			
Release Rate = 0.99 cfs/acre			
POST-DEVELOPED			
Roof Area	4067 ft ²	C _{roof}	0.80
Paved Area	31597 ft ²	C _{paved}	0.95
Landscaped	9859 ft ²	C _{landscaped}	0.35
Total Area	45424 ft ²	Weighted C	0.81
	1.04 acres	CA	36832 ft ²
Depth Per Acre	0.52 in/acre		
Total Retention Volume	2053 CF		

DRAINAGE CALCS FOR DOLLAR TREE EAGLE MOUNTAIN			
80th Percentile Retention Storm Design			
Release Rate = 0.99 cfs/acre			
POST-DEVELOPED			
Roof Area	10900 ft ²	C _{roof}	0.80
Paved Area	27314 ft ²	C _{paved}	0.95
Landscaped	4381 ft ²	C _{landscaped}	0.35
Total Area	41695 ft ²	Weighted C	0.85
	0.96 acres	CA	35481 ft ²
Depth Per Acre	0.52 in/acre		
Total Retention Volume	1729 CF		

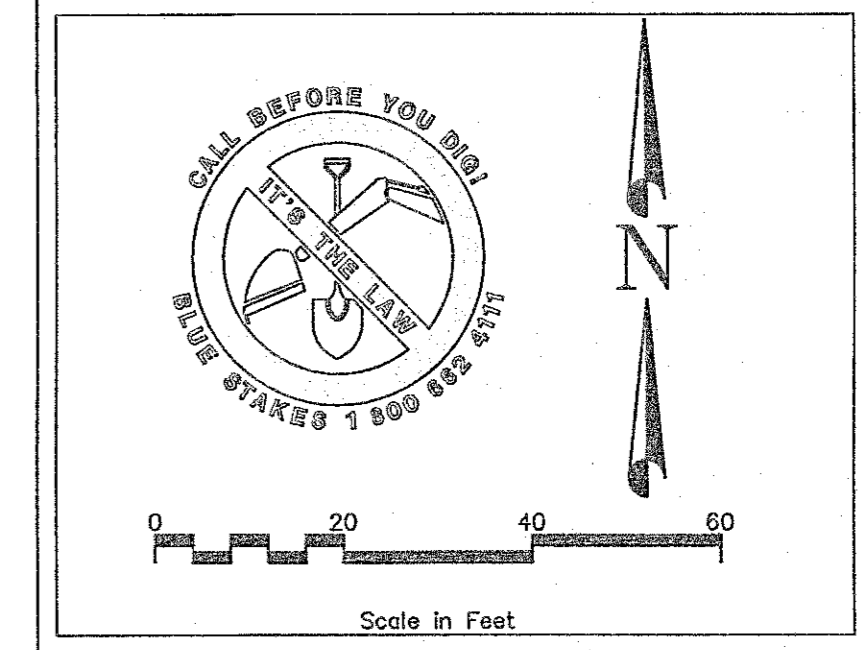
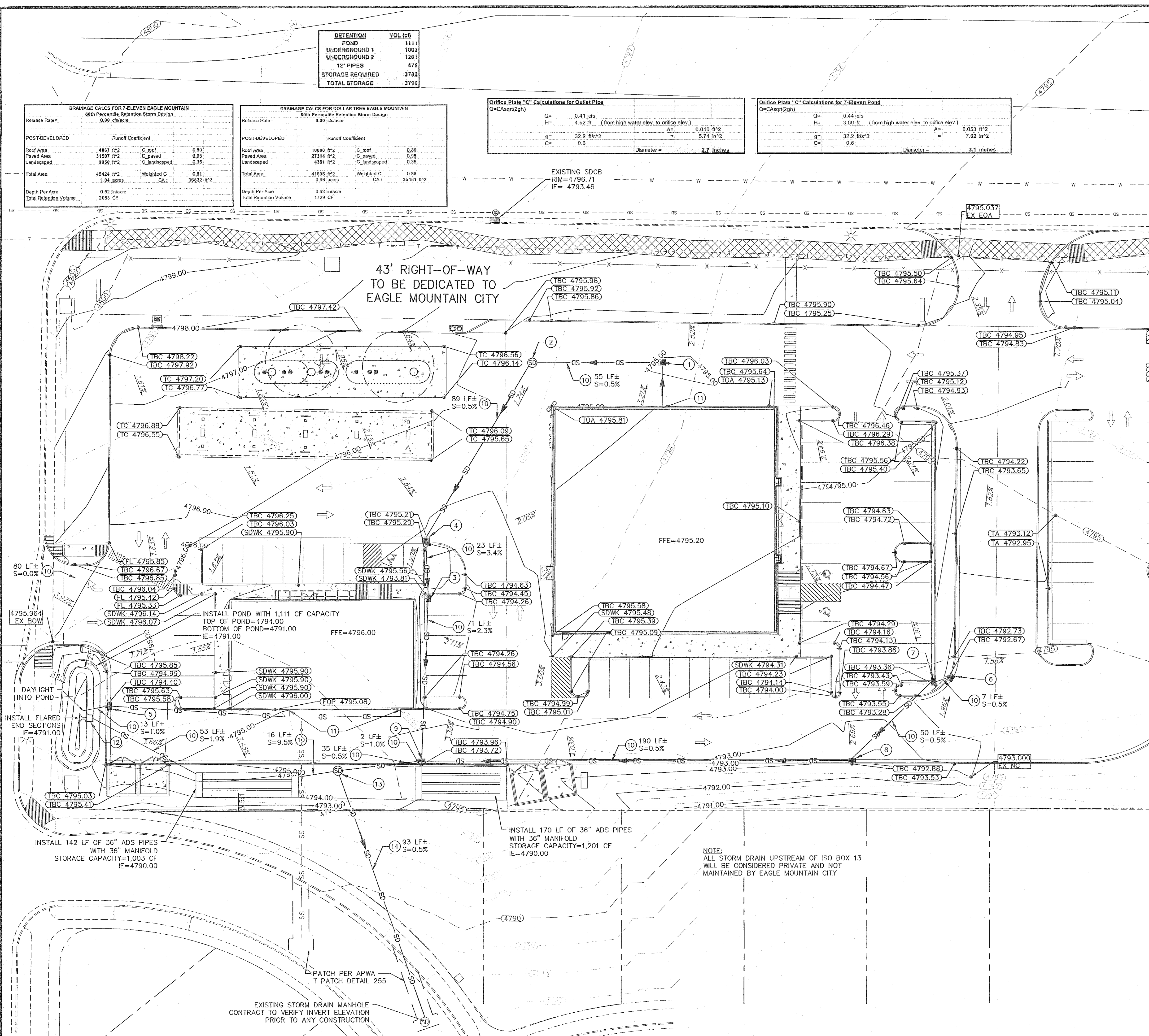
Orifice Plate "C" Calculations for Outlet Pipe			
C=C _{disq} (2gh)			
Q=	0.41 cfs	A=	0.040 ft ²
H=	4.52 ft (from high water elev. to orifice elev.)	C=	0.62
g=	32.2 ft/s ²	Diameter =	2.7 inches
C=	0.6		

Orifice Plate "C" Calculations for 7-Eleven Pond			
C=C _{disq} (2gh)			
Q=	0.44 cfs	A=	0.053 ft ²
H=	3.00 ft (from high water elev. to orifice elev.)	C=	0.62
g=	32.2 ft/s ²	Diameter =	3.1 inches
C=	0.6		

LEGEND

- LOT LINES (PROPERTY)
- EXISTING CURB AND GUTTER
- PROPOSED CURB AND GUTTER
- PROPOSED STORM DRAIN LINE
- EXISTING STORM DRAIN LINE
- EXISTING FENCE
- GRADE BREAK
- FINISH GRADE CONTOUR LINES
- EXISTING GRADE CONTOUR LINES
- FINISH GRADE SLOPE
- GRADE BREAK
- INVERT ELEVATION
- TOP OF GRATE
- TOP OF ASPHALT
- TOP BACK OF CURB
- PROPOSED
- EXISTING
- FINISHED GRADE
- FINISHED FLOOR ELEVATION
- BACK OF SIDEWALK

- DESIGN NOTES:**
1. INSTALL 3x3 CLEANOUT BOX W/ GRATE PER APWA PLAN 331. SEE SHEET C-5 FOR DETAILS.
RIM=4794.90
IE=4791.90
 2. INSTALL 48" MANHOLE PER APWA PLAN 411 WITH LID. SEE SHEET C-5 FOR DETAILS.
RIM=4795.61
IE=4791.62
 3. INSTALL CURB INLET BOX PER APWA PLAN 315. SEE SHEET C-5 FOR DETAILS.
RIM=4793.31
IE=4790.31
 4. INSTALL 3x3 CLEANOUT BOX W/ GRATE PER APWA PLAN 331. SEE SHEET C-5 FOR DETAILS.
RIM=4794.61
IE=4791.17
 5. INSTALL CURB INLET BOX PER APWA PLAN 315. SEE SHEET C-5 FOR DETAILS.
RIM=4793.90
IE=4791.90
 6. INSTALL CURB INLET BOX PER APWA PLAN 315. SEE SHEET C-5 FOR DETAILS.
RIM=4792.17
IE=4789.90
 7. INSTALL CURB INLET BOX PER APWA PLAN 315. SEE SHEET C-5 FOR DETAILS.
RIM=4792.86
IE=4789.86
 8. INSTALL CURB INLET BOX PER APWA PLAN 315. SEE SHEET C-5 FOR DETAILS.
RIM=4792.86
IE=4789.61
 9. INSTALL CURB INLET BOX PER APWA PLAN 315. SEE SHEET C-5 FOR DETAILS.
RIM=4793.22
IE S=4789.98
IE N/E/W=4788.66
 10. INSTALL 12" ADS STORM PIPE
 11. ROOF DRAINS TO CONNECT TO STORM DRAIN SYSTEM WITH 6" ROOF DRAIN PIPE.
 12. INSTALL 3'x3' OUTLET STRUCTURE WITH 3.1" ORIFICE PLATE ON OUTLET PIPE.
RIM=4793.00
IE=4791.00
 13. INSTALL ISO BOX WITH 2.7" ORIFICE PLATE AND SNOOT ON OUTLET PIPE.
RIM=4794.50
IE=4788.48
BOTT=4785.50
 14. INSTALL 15" ADS HP STORM PIPE



BY DATE

REVISIONS

NO.

ELEVATE ENGINEERING
482 WEST 1200 NORTH
SPRINGVILLE, UT 84663
PHONE: (801) 716-5983
lev@elevateeng.com

ELEVATE
ENGINEERING

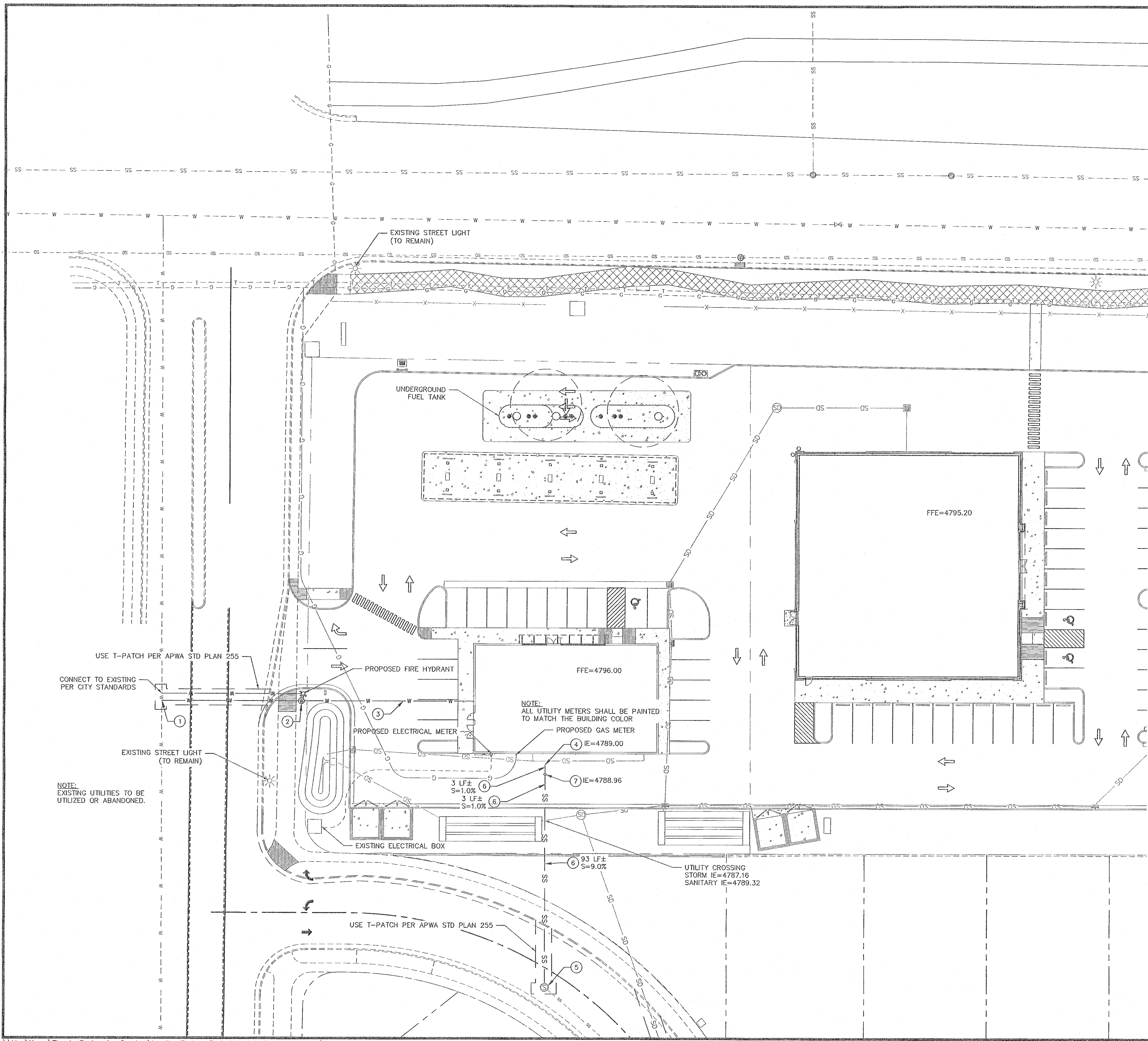
7-ELEVEN EAGLE MOUNTAIN
GRADING AND DRAINAGE PLAN
6400 N AND PONY EXPRESS PKWY EAGLE MOUNTAIN, UT 84005

PROFESSIONAL ENGINEER
10/28/20
10864757
LARVIN POLLOCK
STATE OF UTAH

SHEET:
C-2

DATE:
Oct 28, 2020

DESIGNER: LP



LEGEND

PROPERTY/ROW LINE	---
EXISTING CURB AND GUTTER	---
PROPOSED CURB AND GUTTER	---
PROPOSED STORM DRAIN LINE	SD ---
EXISTING STORM DRAIN LINE	SD ---
PROPOSED SEWER LINE	SS ---
EXISTING SEWER LINE	SS ---
PROPOSED WATER LINE	W ---
EXISTING WATER LINE	W ---
EXISTING FENCE	---
EXISTING GAS	---
EXISTING POWER	UGP ---
EXISTING IRRIGATION VALVE BOX	IVB
EXISTING ELECTRIC METER	EM
INVERT ELEVATION	IE
PROPOSED	PROP
EXISTING	EX
FINISHED GRADE	FG
FINISHED FLOOR ELEVATION	FFE

DESIGN NOTES:

- CONNECT TO EXISTING WATER MAIN PER CITY STANDARDS.
- INSTALL 2" METER BOX IN PER CITY STANDARDS.
- INSTALL 2" POLY WATER LINE PER CITY STANDARDS.
- END ALL UTILITIES 5' FROM BUILDING, SEE PLUMBING PLANS FOR CONTINUATION.
- CONNECT TO EXISTING SEWER MANHOLE. CONTRACTOR TO VERIFY LOCATION AND ELEVATION PRIOR TO ANY CONSTRUCTION.
- INSTALL 6" PVC SDR-35 SEWER PIPE AT 2% MIN. SLOPE.
- INSTALL 6" CLEANOUT PER EAGLE MOUNTAIN DWG SLSC-1. SEE SHEET C-4 FOR DETAILS.

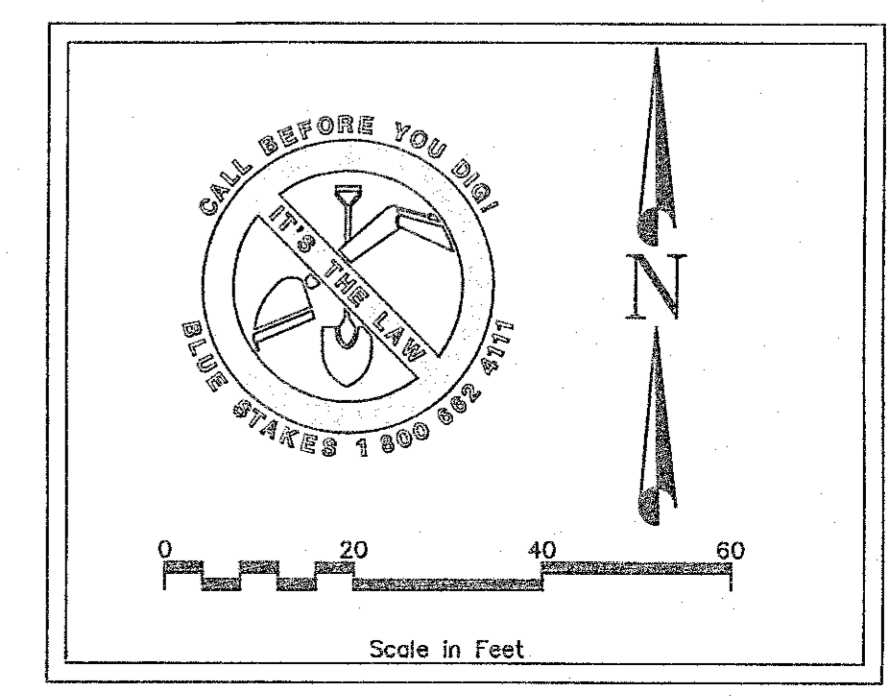
GENERAL NOTES:

- CONTRACTOR TO NOTIFY BLUE STAKES PRIOR TO CONSTRUCTION
- CONTRACTOR TO VERIFY LOCATION AND ELEVATION OF ALL EXISTING UTILITY LINES AND STRUCTURES PRIOR TO CONSTRUCTION
- ALL PROPOSED WATER LINES TO HAVE A MINIMUM OF 5" OF COVER
- ALL SEWER, WATER AND STORM DRAIN PIPES SHALL BE BACKFILLED WITH SELECT GRANULAR FILL AS PER CITY STANDARDS.
- ANY OFF SITE DAMAGE TO EXISTING ASPHALT, CURB & GUTTER, LANDSCAPING AND ALL UTILITIES TO BE REPLACED IN KIND.
- SEE GRADING AND DRAINAGE PLAN FOR CONSTRUCTION OF SEWER AND WATER LINES.
- ALL WORK TO BE ACCORDING TO CITY STANDARDS.

PRIVATE UTILITIES

CONTRACTOR TO CONTACT THE FOLLOWING COMPANIES PRIOR TO ANY CONSTRUCTION. EXACT LOCATION OF THESE UTILITIES TO BE DESIGNED AND COORDINATED BY THE FOLLOWING COMPANIES.

DOMINION ENERGY - 801-853-6597
 ROCKY MOUNTAIN POWER - 801-756-1310
 CENTURY LINK - 801-536-6975

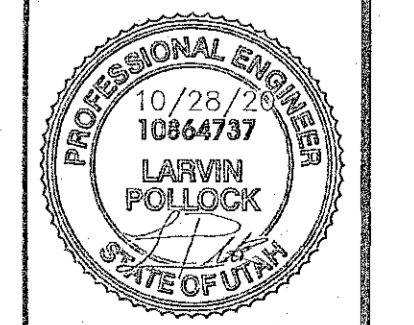


NO.	REVISIONS	BY	DATE

ELEVATE ENGINEERING
 482 WEST 1500 NORTH
 SPRINGVILLE, UT 84603
 PHONE: (801) 710-0993
 info@elevateeng.com

ELEVATE ENGINEERING

7-ELEVEN EAGLE MOUNTAIN
 UTILITY PLAN
 6400 N AND PONY EXPRESS PKWY EAGLE MOUNTAIN, UT 84005



SHEET:
C-3
 DATE: Oct 28, 2020

NO.	REVISIONS	BY	DATE

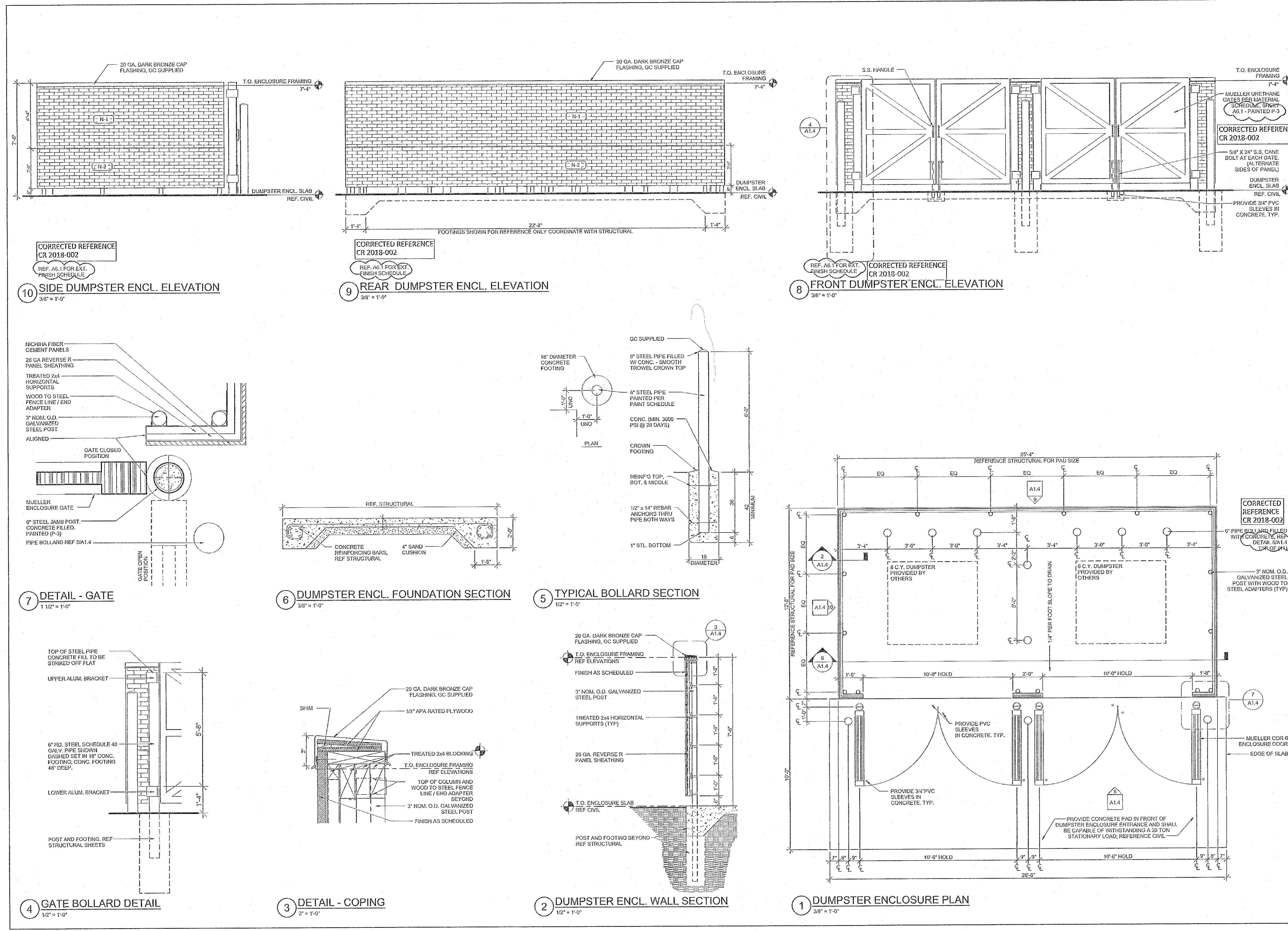
ELEVATE ENGINEERING
 482 WEST 1300 NORTH
 SPRINGVILLE, UT 84663
 PHONE: (801) 718-6883
 info@elevateeng.com

ELEVATE
 ENGINEERING

7-ELEVEN EAGLE MOUNTAIN
 DUMPSTER DETAILS
 6400 N AND PONY EXPRESS PKWY EAGLE MOUNTAIN, UT 84005

PROFESSIONAL ENGINEER
 10/28/20
 10664757
 LARVIN POLLOCK
 STATE OF UTAH

SHEET: C-4.1
 DATE: Oct 28, 2020



Rev. #	Date	Description

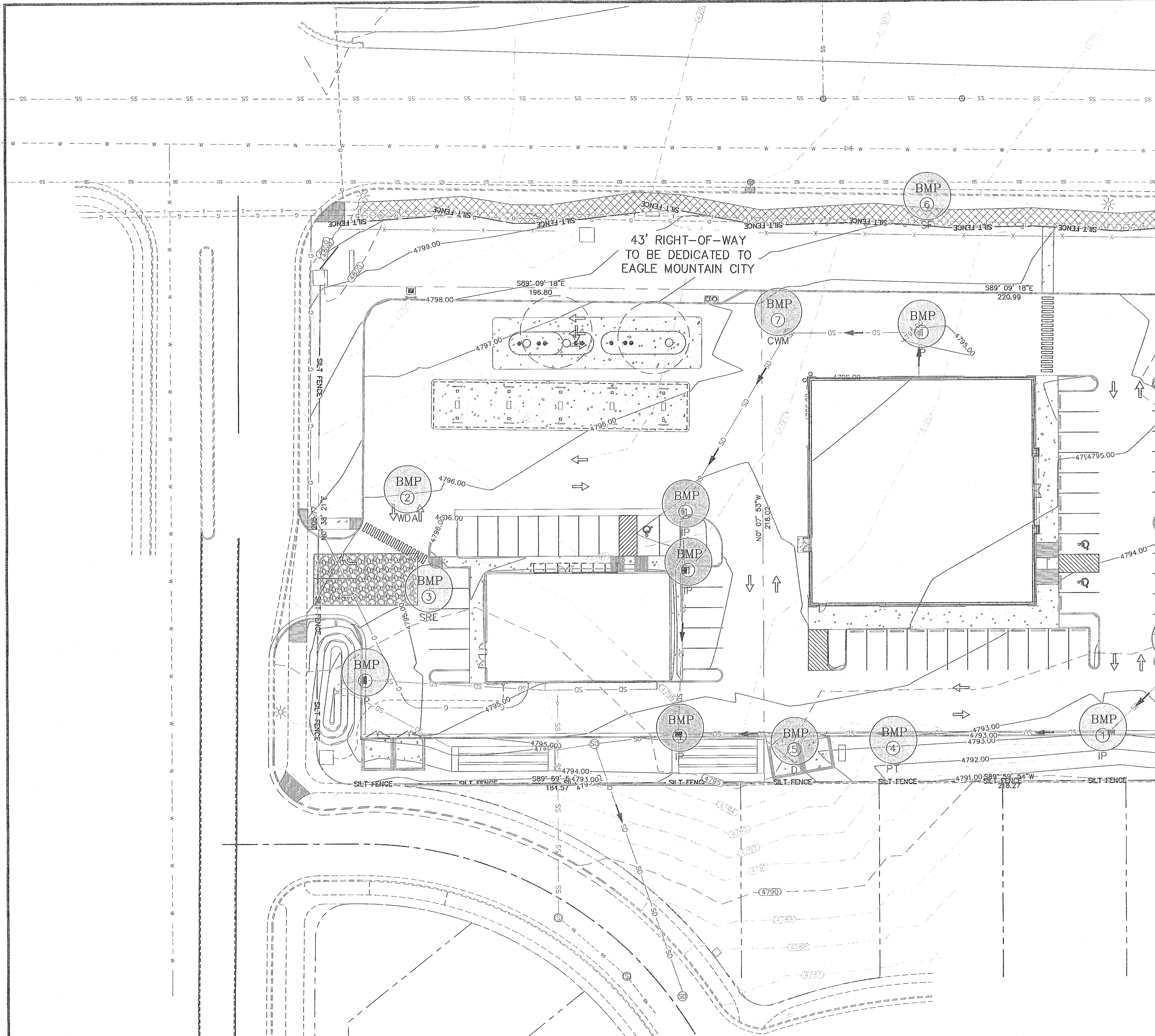
7-ELEVEN, INC.
 3200 HACKBERRY ROAD, IRVING, TEXAS 75063
 7-ELEVEN #XXXX
 STREET ADDRESS
 ANYTOWN, USA 00000
 DUMPSTER ENCLOSURE & DETAILS

Proto 04-30-2018

Job#: SEI-XXXXX
 Scale: AS NOTED
 Date: XXXXXX
 Drawn By: XX
 Checked By: XX

Documents provided by The Dimension Group are to be used only for the specific project and intended. Any extension of use to other projects without the express written consent of The Dimension Group is prohibited. If used in a way other than that specifically intended, user will hold The Dimension Group harmless from all claims and losses.

SHEET: **A1.4**
 6049 SIP - LEFT

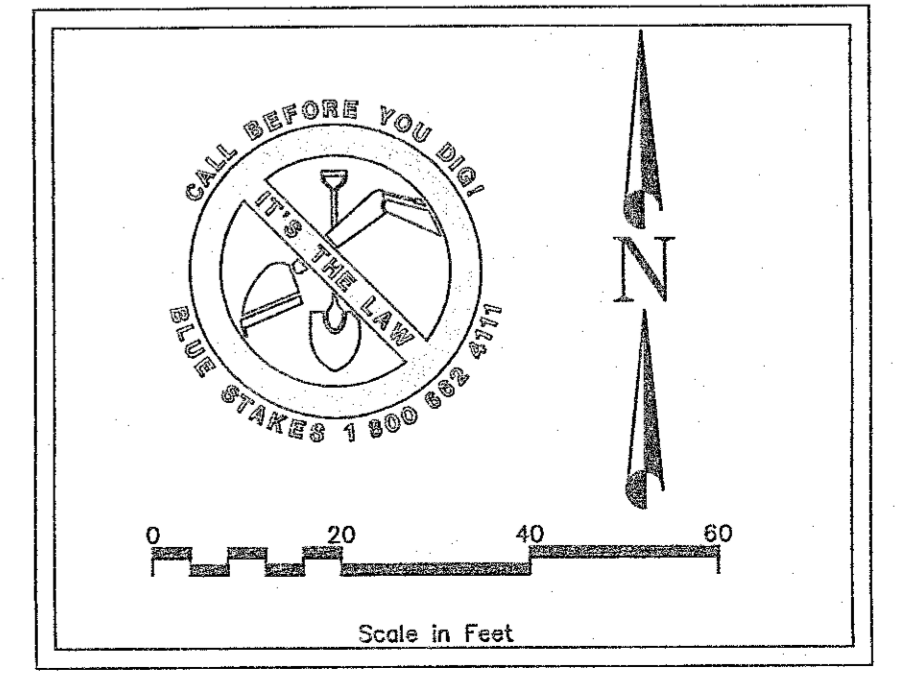


LEGEND

- ==== EXISTING CURB AND GUTTER
- ==== PROPOSED CURB AND GUTTER
- x----- EXISTING FENCE
- PROPERTY LINE
- EXISTING SEWER
- EXISTING WATER LINE
- 21.00 FINISHED CONTOUR LINE
- EXISTING CONTOUR LINE
- SD PROPOSED STORM DRAIN LINE
- SD EXISTING STORM DRAIN LINE
- SILT FENCE SILT FENCE
- CLEAN OUT BOX
- BMP BEST MANAGEMENT PRACTICE
SEE BEST MANAGEMENT PRACTICE INDEX AND SHEET C-6 FOR DETAILS.
- XX

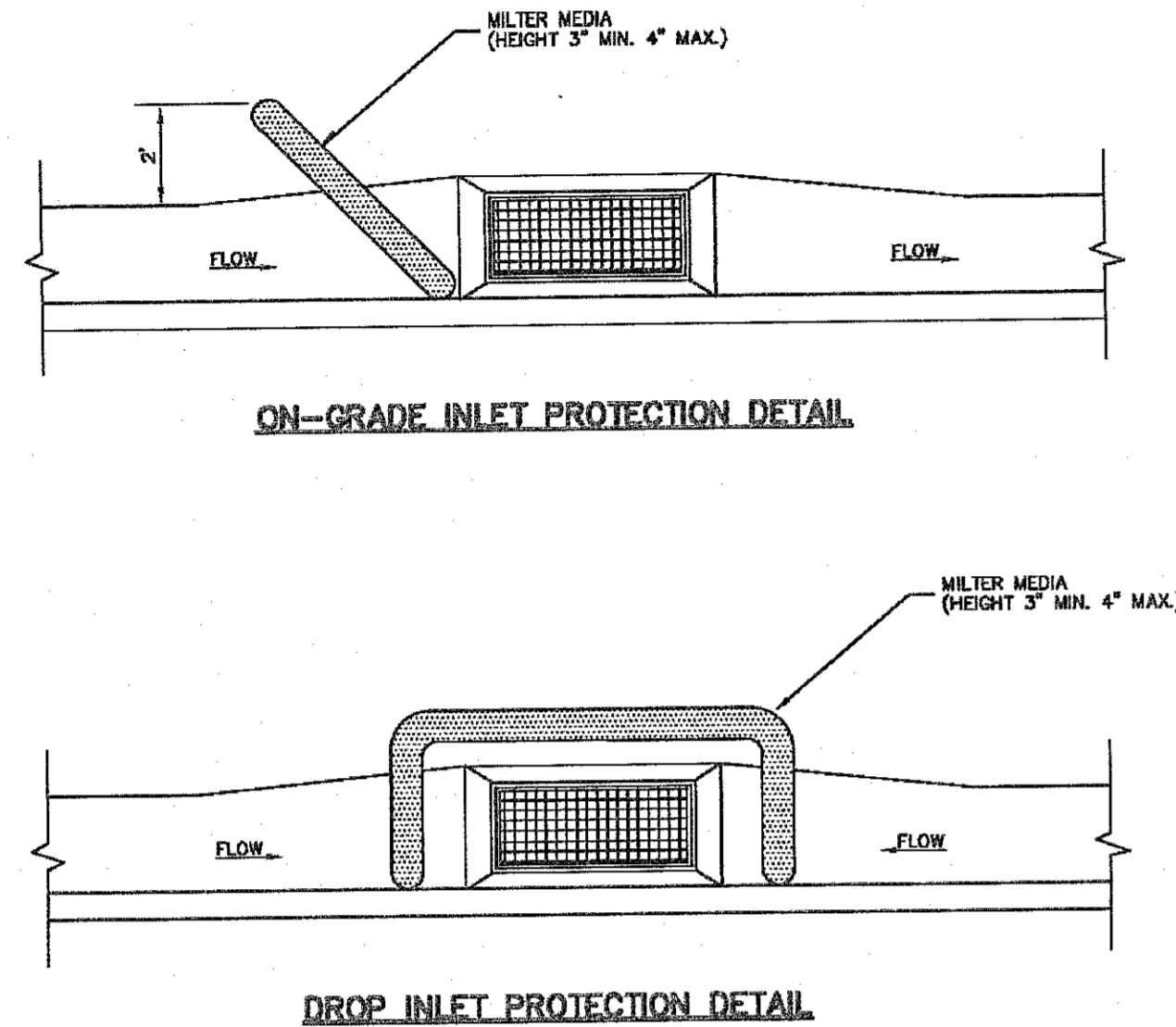
- NOTES
- DURING CONSTRUCTION
- ALL EROSION CONTROL BEST MANAGEMENT PRACTICES SHALL BE INSPECTED AND MAINTAINED REGULARLY (ONCE A WEEK) AND AFTER EVERY STORM EVENT
 - LAND DISTURBANCE SHALL BE KEPT TO MINIMUM TO CONTROL RUNOFF FROM THE SITE
 - LIMIT LAND CLEARING AND RESTORE ALL GRADING AS SOON AS POSSIBLE
 - STAGED SEEDING TO RE-VEGETATE CUT AND FILL SLOPES AS THE WORK IS IN PROGRESS
 - AT ALL TIMES DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREVENTING AND CONTROLLING EROSION DUE TO WIND AND OTHER EROSION
 - MAINTENANCE OF STREET: STREETS TO BE KEPT CLEAN AND FREE FROM DEBRIS.
 - CONTRACTOR SHALL PROVIDE DUST CONTROL MEASURES AT ALL TIMES DURING CONSTRUCTION.
 - A COPY OF THE STORM WATER POLLUTION PREVENTION PLAN SHALL BE KEPT ON THE SITE DURING ALL CONSTRUCTION ACTIVITY
- POST CONSTRUCTION
- SEE SHEET C-6

- BEST MANAGEMENT PRACTICE INDEX
- IP INLET PROTECTION
 - WDA EQUIPMENT AND VEHICLE WASH DOWN AREA
 - SRE STABILIZED ROADWAY ENTRANCE
 - PT PORTABLE TOILET
 - D DUMPSTER LOCATION
 - SF SILT FENCE
 - CWM CONCRETE WASTE MANAGEMENT
- ADDITIONAL BMP'S TO BE ONSITE:
- SPILL CLEANUP
 - VEHICLE & EQUIPMENT FUELING
- SEE SHEET C-6 FOR BMP DETAILS



NO.	REVISIONS	BY	DATE
PROJECT ENGINEER: LP DESIGNER: DL			
<p style="font-size: small;">ELEVATE ENGINEERING 482 WEST 1200 NORTH SPRINGVILLE, UT 84663 PHONE: (801) 76-5963 www.elevateeng.com</p>			
<h1 style="font-size: 2em; margin: 0;">ELEVATE</h1> <p style="font-size: small; margin: 0;">ENGINEERING</p>			
<p style="font-size: small; margin: 0;">7-ELEVEN EAGLE MOUNTAIN SWPPP PLAN 6400 N AND PONY EXPRESS PKWY EAGLE MOUNTAIN, UT 84005</p>			
<p style="font-size: small; margin: 0;">PROFESSIONAL ENGINEER 10/28/20 10864737 LARVIN POLLOCK STATE OF UTAH</p>			
<p style="font-size: small; margin: 0;">SHEET: C-5</p>			
<p style="font-size: small; margin: 0;">DATE: Oct 28, 2020</p>			

NARRATIVE: THIS PLAN MAY BE USED FOR THE CONSTRUCTION OF A STORM WATER BEST MANAGEMENT PRACTICE (BMP). IT IS NOT INCLUSIVE OF ALL PRACTICES AVAILABLE AND IS ONLY SPECIFIC TO THE CONSTRUCTION OF THIS TYPE. MAINTENANCE OF THIS TYPE OF INSTALLATION IS IMPORTANT AND SHOULD BE CONTINUOUSLY MONITORED BY THE CONTRACTOR AND ENGINEER. DETAILS SHOWN HERE HIGHLIGHT IMPORTANT PARTS OF CONSTRUCTION, AND SHOULD BE MODIFIED AS NEEDED.



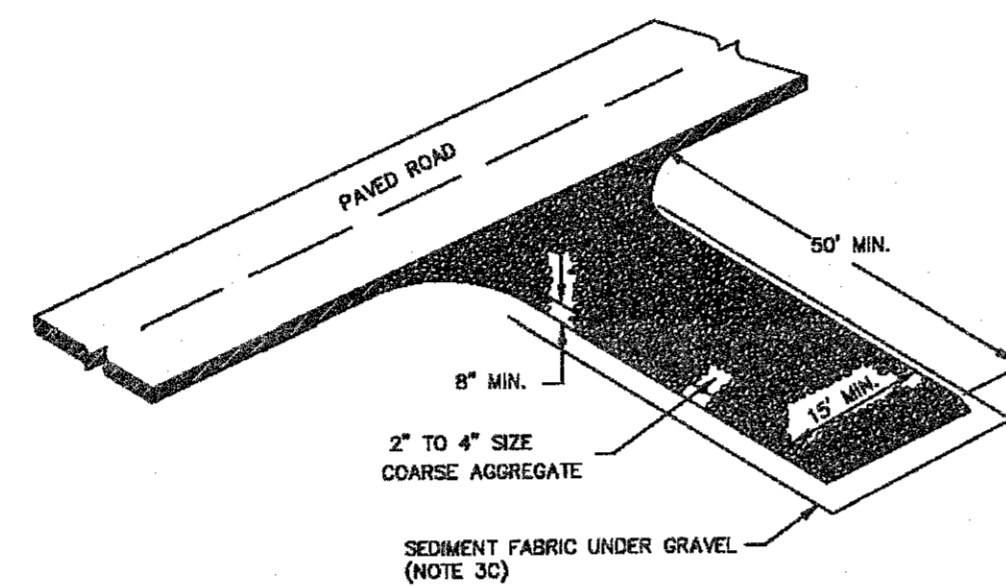
Inlet protection - gravel sock

Plan No. **124**
Drawing 1 of 3

September 2006

11

NARRATIVE: THIS PLAN MAY BE USED FOR THE CONSTRUCTION OF A STORM WATER BEST MANAGEMENT PRACTICE (BMP). IT IS NOT INCLUSIVE OF ALL PRACTICES AVAILABLE AND IS ONLY SPECIFIC TO THE CONSTRUCTION OF THIS TYPE. MAINTENANCE OF THIS TYPE OF INSTALLATION IS IMPORTANT AND SHOULD BE CONTINUOUSLY MONITORED BY THE CONTRACTOR AND ENGINEER. DETAILS SHOWN HERE HIGHLIGHT IMPORTANT PARTS OF CONSTRUCTION, AND SHOULD BE MODIFIED AS NEEDED.



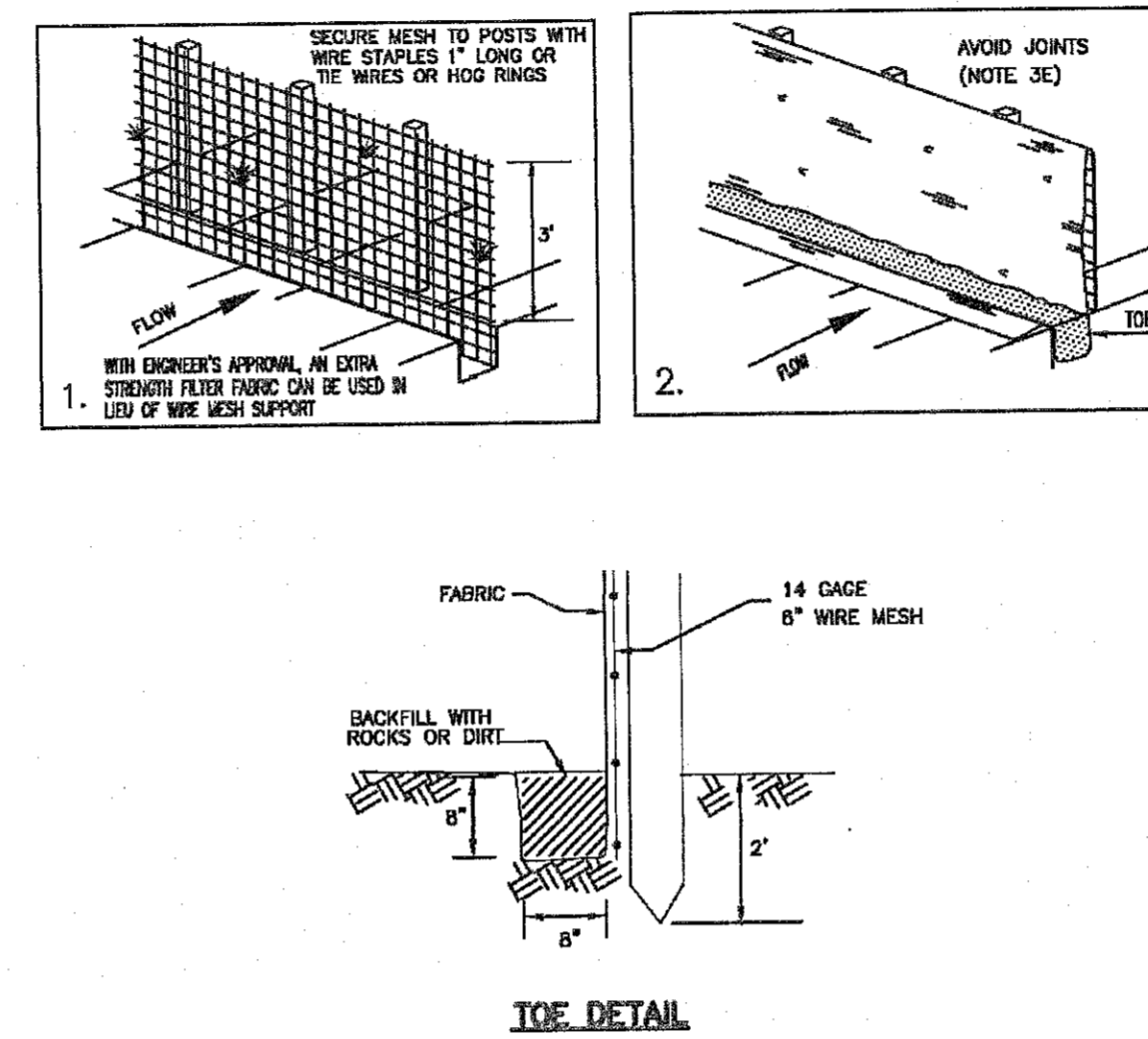
Stabilized roadway entrance

Plan No. **126**

February 2006

19

NARRATIVE: THIS PLAN MAY BE USED FOR THE CONSTRUCTION OF A STORM WATER BEST MANAGEMENT PRACTICE (BMP). IT IS NOT INCLUSIVE OF ALL PRACTICES AVAILABLE AND IS ONLY SPECIFIC TO THE CONSTRUCTION OF THIS TYPE. MAINTENANCE OF THIS TYPE OF INSTALLATION IS IMPORTANT AND SHOULD BE CONTINUOUSLY MONITORED BY THE CONTRACTOR AND ENGINEER. DETAILS SHOWN HERE HIGHLIGHT IMPORTANT PARTS OF CONSTRUCTION, AND SHOULD BE MODIFIED AS NEEDED.



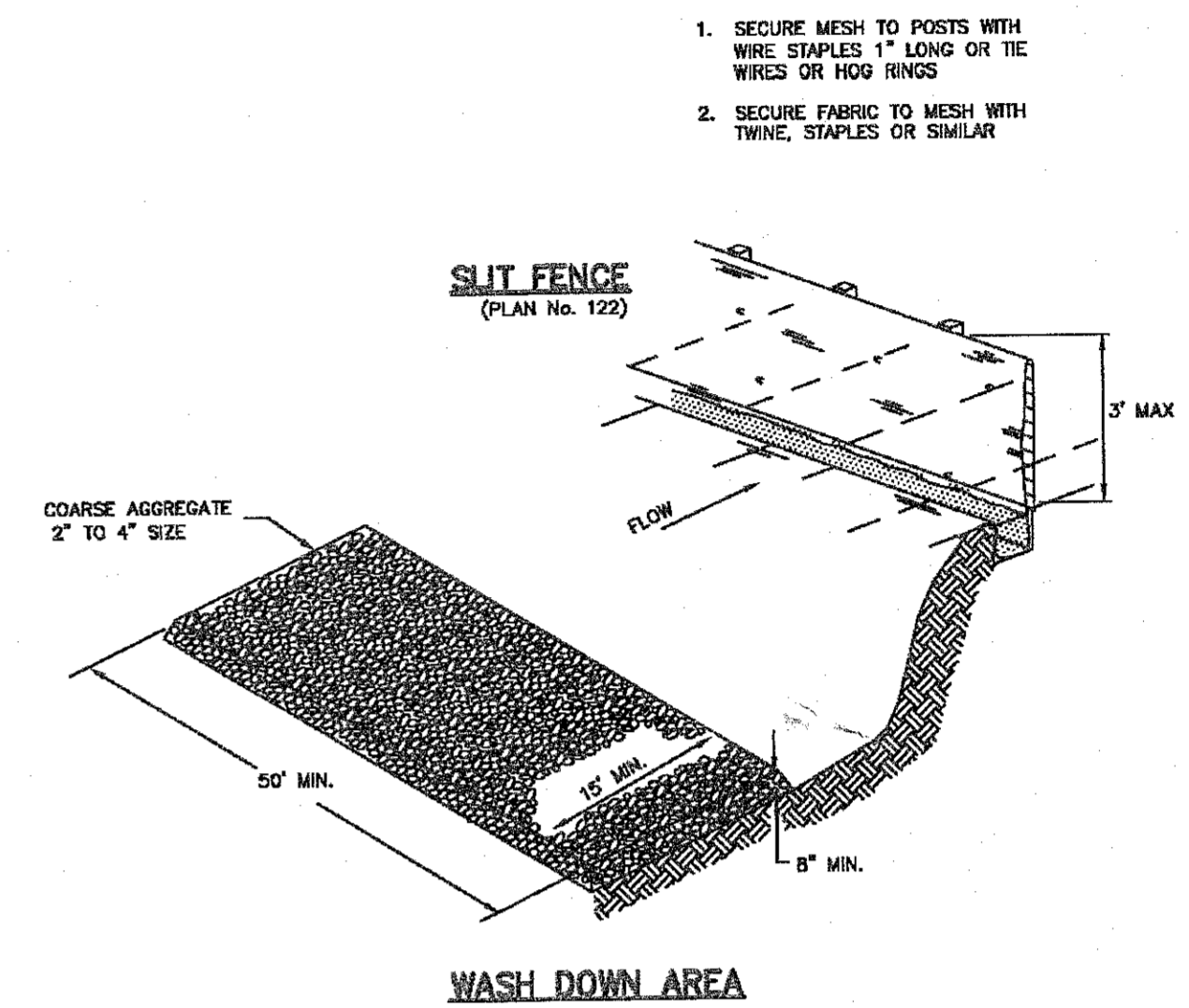
Silt fence

Plan No. **122**

February 2006

7

NARRATIVE: THIS PLAN MAY BE USED FOR THE CONSTRUCTION OF A STORM WATER BEST MANAGEMENT PRACTICE (BMP). IT IS NOT INCLUSIVE OF ALL PRACTICES AVAILABLE AND IS ONLY SPECIFIC TO THE CONSTRUCTION OF THIS TYPE. MAINTENANCE OF THIS TYPE OF INSTALLATION IS IMPORTANT AND SHOULD BE CONTINUOUSLY MONITORED BY THE CONTRACTOR AND ENGINEER. DETAILS SHOWN HERE HIGHLIGHT IMPORTANT PARTS OF CONSTRUCTION, AND SHOULD BE MODIFIED AS NEEDED.



Equipment and vehicle wash down area

Plan No. **125**

February 2006

17

Inlet protection - gravel sock

- DESCRIPTION: Placement of gravel sock on grade upstream of, or in front of storm drain inlets to filter or pond water runoff.
- APPLICATION: At inlets in paved or unpaved areas where up gradient area is to be disturbed by construction activities.
- INSTALLATION/APPLICATION CRITERIA: Refer to APWA Section 01 57 00.
 - On-grade inlet protection:
 - On-grade inlet protection should be used when completely blocking a storm drain inlet box would result in forcing water further downstream would cause flooding or other undesirable results.
 - Prepare filter media (gravel sock, straw waddle, or other approved media) in accordance with manufacturer's recommendations.
 - Install filter media just upstream of the inlet box.
 - Filter media shall butt tightly against the face of the curb and angle at approximately a 45 degree angle away from the curb to trap runoff between the media and the curb.
 - Excessive flows will flow either over or around the filter media and into the inlet box.
 - Expect ponding behind the filter media.
 - Drop inlet protection:
 - Drop inlet protection should be used at low points in the curb and when diverting flows further downstream will not cause undesirable results.
 - Prepare filter media (gravel sock, straw waddle, or other approved media) in accordance with manufacturer's recommendations.
 - Install filter media around the entire perimeter of the inlet grate.
 - Filter media shall butt tightly against the face of the curb on both sides of the inlet grate.
 - Excessive flows will either flow around the media or over the top and into the inlet box.
 - Expect ponding around the inlet box.
- MAINTENANCE:
 - Inspect inlet protection after every large storm event and at a minimum of once monthly.
 - Remove sediment accumulated when it reaches 2 inches in depth.
 - Replace filter medium when damage has occurred or when medium is no longer functioning as intended.

10

Stabilized roadway entrance

- DESCRIPTION: A temporary stabilized pad of gravel for controlling equipment and construction vehicle access to the site.
- APPLICATION: At any site where vehicles and equipment enter the public right of way.
- INSTALLATION/APPLICATION CRITERIA: Refer to APWA Section 01 57 00.
 - Clear and grub area and grade to provide maximum slope of 1 percent away from paved roadway.
 - Compact subgrade.
 - Place filter fabric under stone if desired (recommended for entrance area that remains more than 3 months).
- MAINTENANCE:
 - Requires periodic top dressing with additional stones.
 - Prevent tracking or flow of mud into the public right-of-way.
 - Periodic top dressing with 2 inches stone may be required, as conditions demand, and repair any structures used to trap sediments.
 - Inspect daily for loss of gravel or sediment buildup.
 - Inspect adjacent areas for sediment deposit and install additional controls as necessary.
 - Expand stabilized area as required to accommodate activities.

18

Silt fence

- DESCRIPTION: A temporary sediment barrier consisting of a filter fabric stretched across and attached to supporting posts and entrenched.
- APPLICATION: To intercept sediment from disturbed areas of limited extent.
 - Perimeter Control: Place barrier at down gradient limits of disturbance.
 - Sediment Barrier: Place barrier at toe of slope or soil stockpile.
 - Protection of Existing Waterways: Place barrier at top of stream bank.
 - Inlet Protection.
- INSTALLATION/APPLICATION CRITERIA: Refer to APWA Section 01 57 00.
 - Synthetic filter fabric shall be a pervious sheet of propylene, nylon, polyester, or polyethylene yarn. Synthetic filter fabric shall contain ultraviolet ray inhibitors and stabilizers to provide a minimum of 6 months of expected usable construction life at a temperature range of 0 deg. F. to 120 deg. F.
 - Burlap shall be 10 ounces per square yard of fabric.
 - Posts for silt fences shall be either 2" x 4" diameter wood, or 1.33 pounds per linear foot steel with a minimum length of 5 feet. Steel posts shall have projections for fastening wire to them.
 - The fabric is cut on site to desired width, unrolled, and draped over the barrier. The fabric toe is secured with rocks or dirt. The fabric is secured to the mesh with twin, staples or similar devices.
 - When attaching two silt fences together, place the end post of the second fence inside the end post of the first fence. Rotate both posts at least 180 degrees on a clockwise direction to create a tight seal with the filter fabric. Drive both posts into the ground and bury the flap.
 - When used to control sediments from a steep slope, silt fences should be placed away from the toe of the slope for increased holding capacity.
- MAINTENANCE:
 - Inspected immediately after each rainfall and at least daily during prolonged rainfall.
 - Should the fabric on a silt fence or filter barrier decompose or become ineffective before the end of the expected usable life and the barrier still be necessary, the fabric shall be replaced promptly.
 - Sediment deposits should be removed after each storm event. They must be removed when deposits reach approximately one-half the height of the barrier.
 - Re-anchor fence as necessary to prevent shortcutting.
 - Inspect for runoff bypassing ends of barriers or undercutting barriers.

6

Equipment and vehicle wash down area

- DESCRIPTION: A temporary stabilized pad of gravel for general washing of equipment and construction vehicles.
- APPLICATION: At any site where regular washing of vehicles and equipment will occur. May also be used as a filling point for water trucks limiting erosion caused by overflow or spillage of water.
- INSTALLATION/APPLICATION CRITERIA: Refer to APWA Section 01 57 00.
 - Clear and grub area and grade to provide maximum slope of 1 percent away from roadway.
 - Compact subgrade.
 - Place filter fabric under wash down area if desired (recommended for wash area that remains more than 3 months).
 - Install silt fence down gradient (see Plan No. 122)
- MAINTENANCE:
 - Requires periodic top dressing with additional stones.
 - Solely used to control sediment in wash water. Cannot be utilized for washing equipment or vehicles that may cause contamination of runoff (such as fertilizer equipment or concrete equipment).
 - The wash area shall be maintained in a condition that will prevent tracking or flow of mud onto public rights-of-way.
 - Periodic top dressing with 2 inch stone may be required, as conditions demand, and repair any structures used to trap sediments.
 - Inspect daily for loss of gravel or sediment buildup.
 - Inspect adjacent area for sediment deposit and install additional controls as necessary.
 - Expand stabilized area as required to accommodate activities.
 - Maintain silt fence as outlined in Plan No. 122.

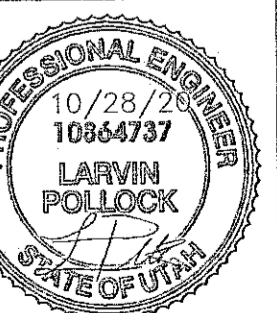
16

NO.	REVISIONS	BY	DATE

ELEVATE ENGINEERING
482 WEST 1200 NORTH
SPRINGVILLE, UT 84663
PHONE: (801) 718-5863
lev@elevateeng.com

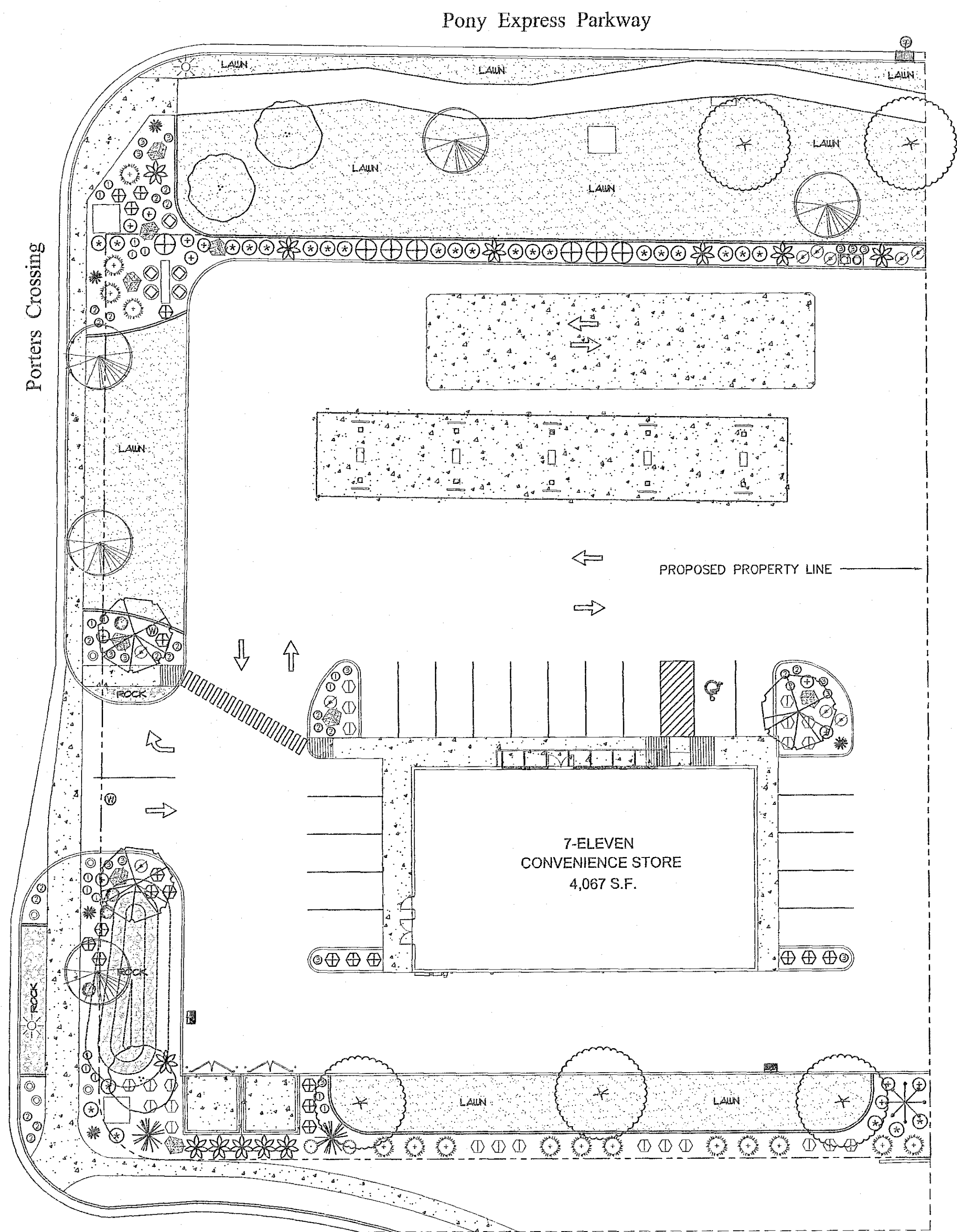
ELEVATE
ENGINEERING

7-ELEVEN EAGLE MOUNTAIN SWPPP DETAILS
6400 N AND PONY EXPRESS PKWY EAGLE MOUNTAIN, UT 84005



SHEET: **C-6**

DATE: Oct 28, 2020



Plant List (TREES)

Quan.	Symbol	Botanical Name	Common Name	Size	Remarks
5	(Symbol)	Gleditsia triacanthos 'Skyline'	Skyline Honeylocust	2" Caliper 8'-12' Height	Full Head Crown Straight Trunk
2	(Symbol)	Juniperus virginiana	Rocky Mountain Juniper	6'-8' Height 5' x 5'	Full Throughout Specimen
5	(Symbol)	Malus sp. 'Spring Snow'	Spring Snow Crab	2" Caliper 10'-12' Height	Full Head Crown Specimen
1	(Symbol)	Pinus nigra 'Arnold's Sentinel'	Columnar Austrian Pine	6'-8' Height 8' x 8'	Full Throughout Specimen
3	(Symbol)	Pyrus calleryana 'Chanticleer'	Chanticleer Flowering Pear	2" Caliper 8'-10' Height	Full Head Crown Straight Trunk
3	(Symbol)	Syringa reticulata	Japanese Tree Lilac	2" Caliper 10'-12' Height	Full Head Crown Straight Trunk

Plant List (SHRUBS)

Quan.	Symbol	Botanical Name	Common Name	Size	Remarks
10	(Symbol)	Berberis thund. 'Crimson Pygmy'	Crimson Pygmy Barberry	5 Gallon	15"-18" Height
26	(Symbol)	Caryopteris clandonensis	Blue Mist Spiraea	5 Gallon	18"-24" Height
11	(Symbol)	Prunocarpus o. 'Summer Wine'	Summer Wine Ninebark	5 Gallon	24"-30" Height
15	(Symbol)	Rhus aromatica 'Grow-Low'	Grow Low Sumac	5 Gallon	18"-24" Spread
4	(Symbol)	Rosa 'Knock Out Red'	Knock Out Red Rose	5 Gallon	18"-24" Height
5	(Symbol)	Rosa 'Maidland Red'	Red Groundcover Rose	5 Gallon	18"-24" Spread
2	(Symbol)	Spiraea bumalda 'Goldmound'	Goldmound Spiraea	5 Gallon	15"-18" Height
12	(Symbol)	Spiraea japonica 'Neon Flash'	Neon Flash Spiraea	5 Gallon	15"-18" Height
5	(Symbol)	Yucca filam. 'Golden Sword'	Golden Sword Yucca	5 Gallon	15"-18" Height

Plant List (ORNAMENTAL GRASSES)

Quan.	Symbol	Botanical Name	Common Name	Size	Remarks
20	(Symbol)	Calamagrostis a. 'Avalanche'	Avalanche Feather Grass	5 Gallon	24"-30" Height
22	(Symbol)	Calamagrostis a. 'Foerster'	Foerster Feather Grass	5 Gallon	24"-30" Height
7	(Symbol)	Miscanthus sinensis 'Gracillimus'	Maiden Grass	5 Gallon	24"-30" Height
6	(Symbol)	Pennisetum alopec. 'Hameln'	Hameln Fountain Grass	5 Gallon	15"-18" Height

Plant List (PERENNIALS)

Quan.	Symbol	Botanical Name	Common Name	Size	Remarks
17	(Symbol)	Agastache 'Sunset'	Sunset Hyssop	1 Gallon	Full Can
21	(Symbol)	Hemerocallis 'Stella d'Oro'	Stella d'Oro Day Lily	1 Gallon	Full Can
16	(Symbol)	Salvia 'East Friesland'	East Friesland Sage	1 Gallon	Full Can

** Plant material quantities are provided for convenience in bidding ONLY!! The contractor shall provide and install all plant materials either shown or noted on the plans, and of the sizes and heights specified.

Legend

Symbol	Description	Remarks
(Symbol)	Landscape Boulder / 3'-4' Min. Size / Individually Placed	Boulder Type And Color Shall Be From Nearest Local Source. Blonde-Tan Colored Quartzite, Block Edges (Not Rounded).
(Symbol)	4" x 6" Extruded Concrete Mowstrip / Natural Color	Install In Straight True Lines And Uniform Curves, 4" Between All Lawn And Shrub Areas. Compact Sub-grade To 90% Prior To Installation.
(Symbol)	LAWN	New Lawn Area / Water Conservatives Mixture
(Symbol)	ROCK ONLY Area / Cobble / 3" Minus Size / Earthtone Color	Install In Areas Shown To A Depth Of 4 Inches Over "DeWitt" Brand Weed Barrier Fabric. Submit Earthtone Sample For Approval.
(Symbol)	ROCK ONLY Area / Cobble / 4" Minus Size / "Naphi Gray"	Install In Areas Shown To A Depth Of 6 Inches Over "DeWitt" Brand Weed Barrier Fabric. Submit Gray Sample For Approval.
(Symbol)	No Hatch	New Shrub - Rock Area / 1 1/2" Min. Size / Earthtone Color

Planting Notes

- All lawn areas shall receive a 6 inch depth of topsoil, shrub areas 4 inch depth. If topsoil is not available at the site, it must be imported from an approved local source. All topsoil shall be of a sandy loam consistency. Provide a chemical analysis of all topsoil for approval.
- Prior to placement of topsoil, all subgrade areas shall be loosened by scarifying the soil to a depth of 6 inches, by the use of mechanical means, in order to create a transition layer between existing and new soils.
- All plant material holes shall be dug twice the diameter of the rootball and 6 inches deeper. Excavated material shall be removed from the site.
- Plant backfill mixture shall be composed of 3 parts topsoil to 1 part humus additive (Soil Pep/or equal), and shall be rotary mixed on-site prior to installation.
- Plant fertilizer shall be "Agriform" brand 21 gram tablets used as per manufacturers recommendations.
- Upon completion of planting operations, all shrub pits and tree wells shall receive a 4 inch depth of shredded bark mulch mixture as a cover. The overall shrub beds themselves (beyond plant wells) shall receive a 4" depth of decorative stone surfacing over Pro-5 weed barrier fabric.
- In decorative stone beds, cut the fabric from around the water wall of each plant, then apply fine ground bark inside water well. The remainder of the planter bed shall receive the depth of decorative stones.
- Landscape maintenance shall be required for a period through the second mowing of the lawn (30 days minimum) and shall include weeding, pruning and one fertilization.
- The contractor shall comply with all warranties and guarantees set forth by the Owner, and in no case shall that period be less than two years following the date of completion and final acceptance.
- As shown and noted, the irrigation system water supply is from a secondary (non culinary) source, and its availability can be affected by climatic conditions, with the normal season extending from mid April to mid October. If any interruptions in water availability occur, the contractor shall coordinate with the Owner on the availability of possible temporary watering measures to keep all plant materials in a healthy condition.

General Notes

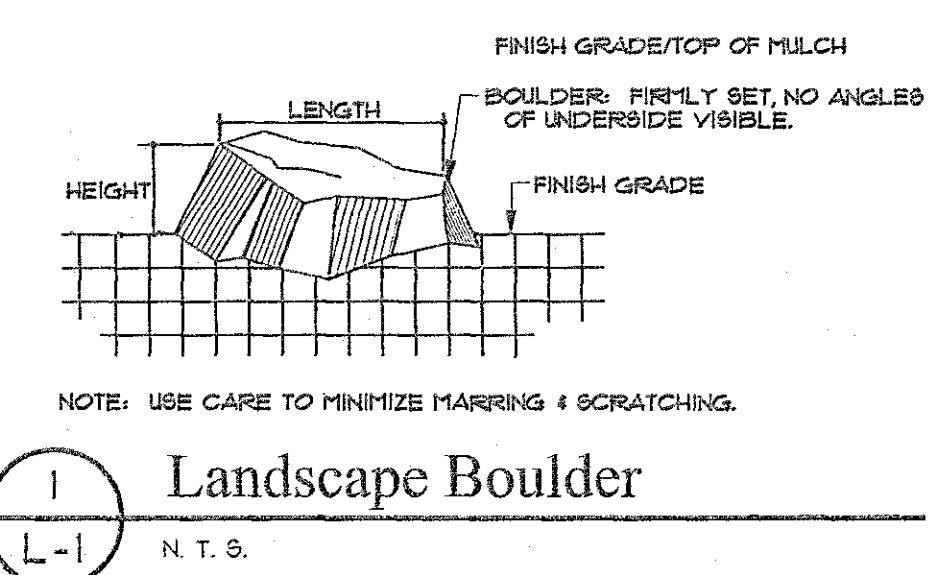
- All bidding landscape contractors shall have a minimum of 5 years experience in the installation of commercial landscape and irrigation projects, and be able to supply the necessary staff to perform all tasks associated with these drawings, and in a professional and timely manner.
- The landscape contractor, at all times, shall have personal on-site experienced in being able to interpret the drawings correctly, and accurately measure the design layout using the specified scale.
- The contractor shall verify the exact location of all existing and proposed utilities, and all site conditions prior to beginning work. The contractor shall coordinate his work with the project manager and all other contractors working on the site.
- The finish grade of all planting areas shall be smooth, even and consistent, free of any humps, depressions or other grading irregularities. The finish grade of all landscape areas shall be graded consistently 1/2" below all walks, curbs, etc.
- The contractor shall provide all materials, labor and equipment required for the proper completion of all landscape work as specified and shown on the drawings.
- All plant materials shall be approved prior to planting. The Owner/Landscape Architect has the right to reject any and all plant material not conforming to the specifications.
- The contractor shall plant all plants per the planting details, stakes/guy as shown. The top of the rootballs shall be planted flush with the finish grade.

Sub-Grade Requirements

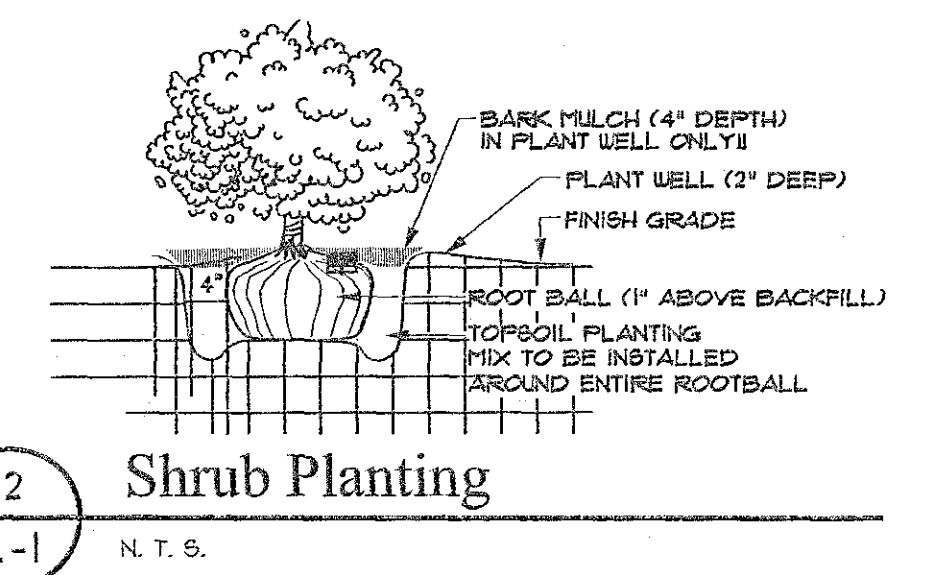
- LAWN & SHRUB AREAS: Eight (8) inches below finish grade. This will allow for the installation of a six inch depth (lawn) and 4 inch depth (shrub) of topsoil along with a four inch depth of bark mulch or decorative stones, leaving it slightly below finish grade and concrete areas.
- SUB-GRADE COORDINATION: The Landscape contractor shall meet early on in the construction process with the site grading contractor, in order to ensure that all sub-grades, prior to final topsoil placement, are provided. Any discrepancies or questions shall be discussed and resolved at that time. Landscape operations shall not begin until the specified sub-grade elevations have been provided.

Submittal Requirements

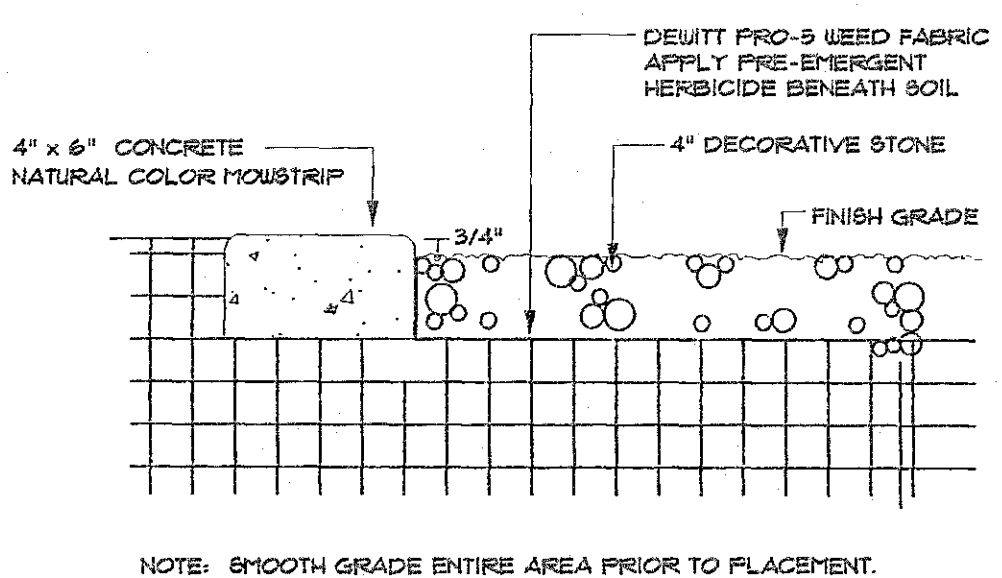
- The contractor shall provide to the Owner/Engineer product samples of all landscape materials such as boulders, decorative stone, bark mulches, weed barrier fabric, soil amendments & import topsoil in order to obtain approval to be used on the project, and prior to shipment to the site. Failure to provide this in a timely manner will in no way affect or delay the construction schedule and time for project completion.
- All plant materials shall be secured for the project a minimum of 60 days prior to shipment to the site. The contractor shall provide to the Owner/Engineer written confirmation of this a minimum of 30 days prior to planting of the project. No substitutions will be considered following this time period.



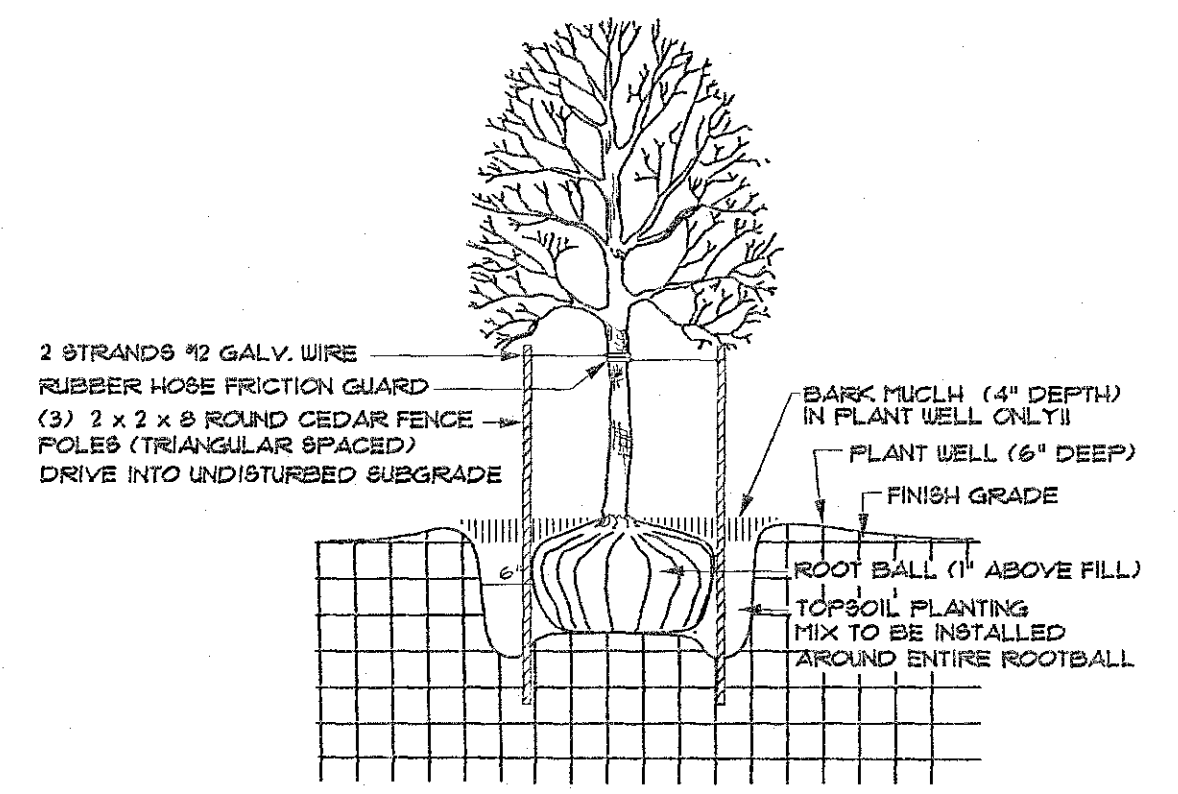
1 Landscape Boulder
N.T.S.



2 Shrub Planting
N.T.S.



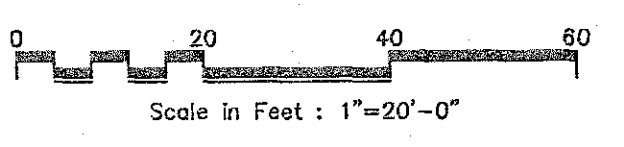
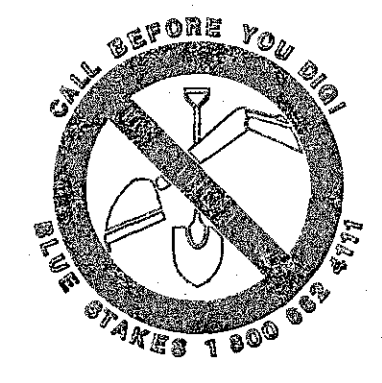
3 Mowstrip / Stone Mulch
N.T.S.



4 Tree Planting
N.T.S.

Landscape Architect

RDL Design Company, Inc.
1020 East Yale Avenue
Salt Lake City, Utah 84105
Phone: 801-647-3114
Email: rdl@comcast.net



ELEVATE ENGINEERING
 452 WEST 1200 NORTH
 SPRINGVILLE, UT 84663
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 info@elevateeng.com

ELEVATE
 7-ELEVEN EAGLE MOUNTAIN
 LANDSCAPE PLAN
 6400 N. & PONY EXPRESS PKWY EAGLE MOUNTAIN, UT.

PROJECT ENGINEER: LP
 DESIGNER: DL

SHEET: L-1
 DATE: 07-20-2020

Symbol	Qty	Label	Arrangement	LMF	Lum. Lumens	Lum. Watts	Part Number	BUG Rating
	4	CPY-FLAT-C	SINGLE	1.000	1401	9	CPY250-B-DM-F-C-UL-57K-BZ-HZ-PML	B1-U0-G0
	20	SL-E	SINGLE	1.000	3895	39	CAN-304-SL-RS-04-E-UL-WH-525-PML	B2-U0-G0
	4	XSPW 2L	WALL MOUNT	1.000	2490	19	XSPW-B-WM-3ME-2L-57K-UL-BZ	B1-U0-G1
	3	XSPSM-3ME	SINGLE	1.000	5200	47	XSPSM-D-HT-3ME-5L-40K7-UL-SV-N	B1-U0-G1
	1	XSPSM-3ME-BLS	SINGLE	1.000	3710	69	XSPSM-D-HT-3ME-5L-57K7-UL-BZ-N w_XA-SP3BLS	B1-U0-G1
	2	XSPSM-4ME	SINGLE	1.000	5225	47	XSPSM-D-HT-4ME-5L-57K7-UL-BZ-N	B2-U0-G1
	2	XSPSM-4ME-BLS	SINGLE	1.000	3870	47	XSPSM-D-HT-4ME-5L-57K7-UL-BZ-N w_XA-SP3BLS	B1-U0-G1

Calculation Summary; 1.00 LLF						
Label	Units	Avg	Max	Min	Avg/Min	Max/Min
CANOPY	Fc	17.77	22	10	1.78	2.20
PAVEMENT	Fc	2.24	6.6	0.4	5.60	16.50
SITE	Fc	0.47	6.6	0.0	N.A.	N.A.

FIXTURE MOUNTING HEIGHTS AS SHOWN
POLES MOUNTED ON 2' BASE

ADDITIONAL EQUIPMENT REQUIRED:
(8) SSS-4-11-15-CW-BS-OT-N-BZ (17' x 4" x 0.125" STEEL SQUARE POLE, TENON MOUNT)
(8) PD-1H4 (SINGLE HORIZONTAL TENON)

PROPOSED POES MEET 140MPH SUSTAINED WIND LOADS

*** CUSTOMER TO VERIFY ORDERING INFORMATION AND CATALOGUE NUMBER PRIOR TO PLACING ORDER ***

TOTAL LUMENS: 92,014
CANOPY: LUMENS/ SQ FT: 34 LUMENS/SQ FT

BOM: Complete Part Description

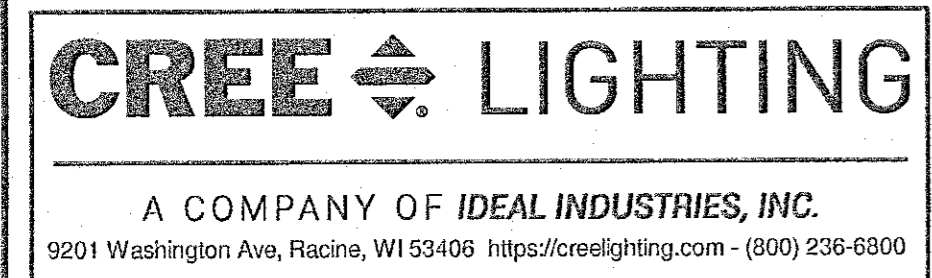
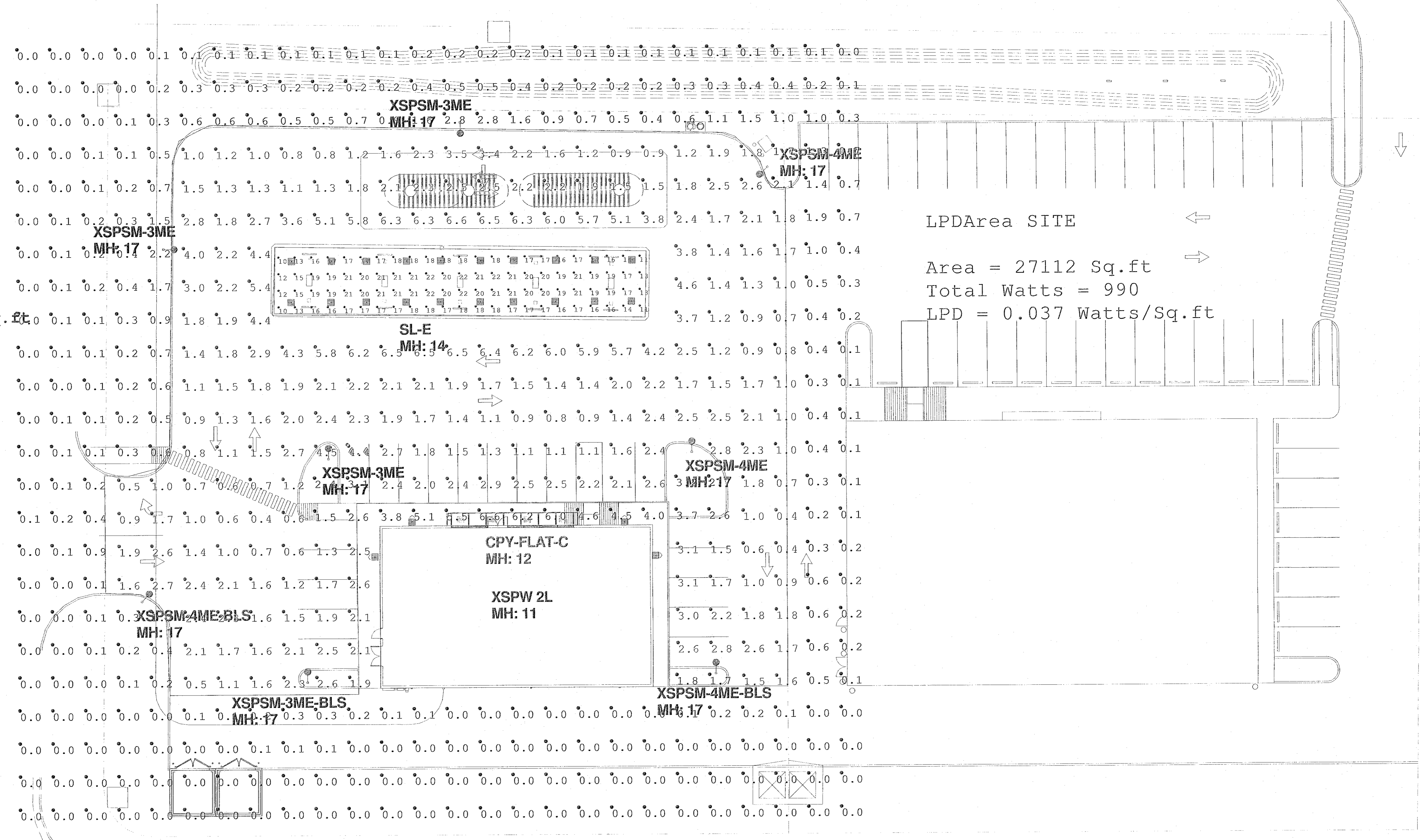
20- CAN-304-SL-RS-04-E-UL-WH-525-PML
4- CPY-B-DM-F-C-UL-57K-BZ-HZ-PML
4- XSPW-B-WM-3ME-2L-57K-UL-BZ
4- XSPSM-D-HT-3ME-12L-57K-UL-BZ-N
4- XSPSM-D-HT-4ME-12L-57K-UL-BZ-N
3- XA-SP3BLS
8- SSS-4-11-15-CW-BS-OT-N-BZ
8- PD-1H4

LPD Area Canopy

Area = 2293 Sq.ft
Total Watts = 780
LPD = 0.340 Watts/Sq.ft

LPD Area SITE

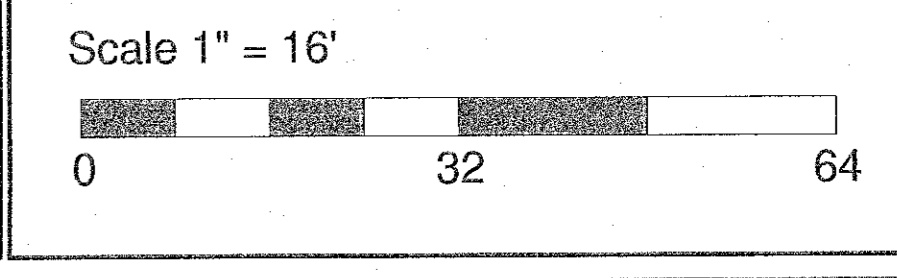
Area = 27112 Sq.ft
Total Watts = 990
LPD = 0.037 Watts/Sq.ft

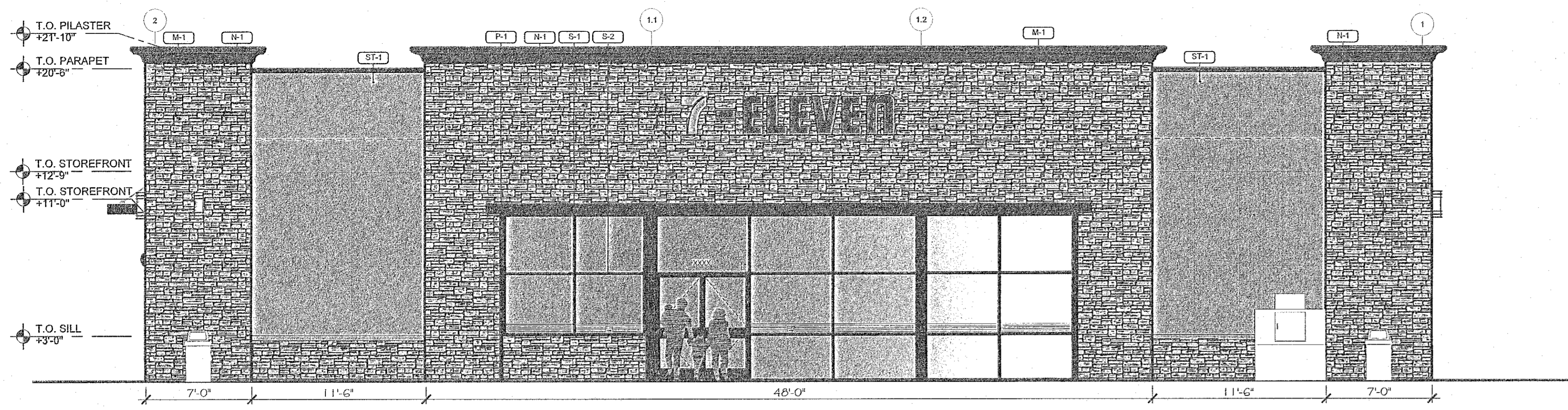


Illumination results shown on this lighting design are based on project parameters provided to Cree Lighting used in conjunction with luminaire test procedures conducted under laboratory conditions. Actual project conditions differing from these design parameters may affect field results. The customer is responsible for verifying dimensional accuracy along with compliance with any applicable electrical, lighting or energy code.

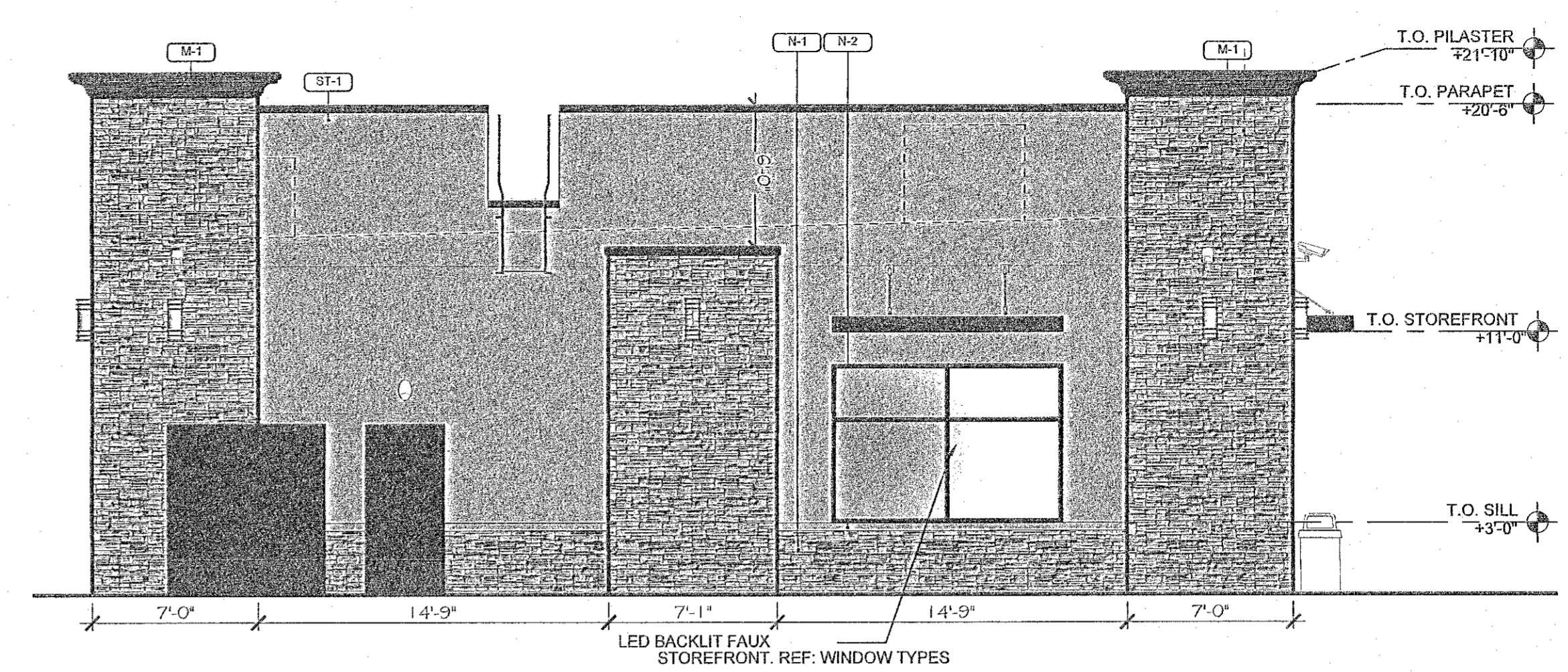
Project Name: 7-Eleven 6400 N and Pony Express Pkwy Eagle Mountain, UT
SR-41449 || Footcandles calculated at grade || Filename: 711-200401EMUTLJSR4.AGI

Layout By: Linda Schaller
Date: 8/5/2020

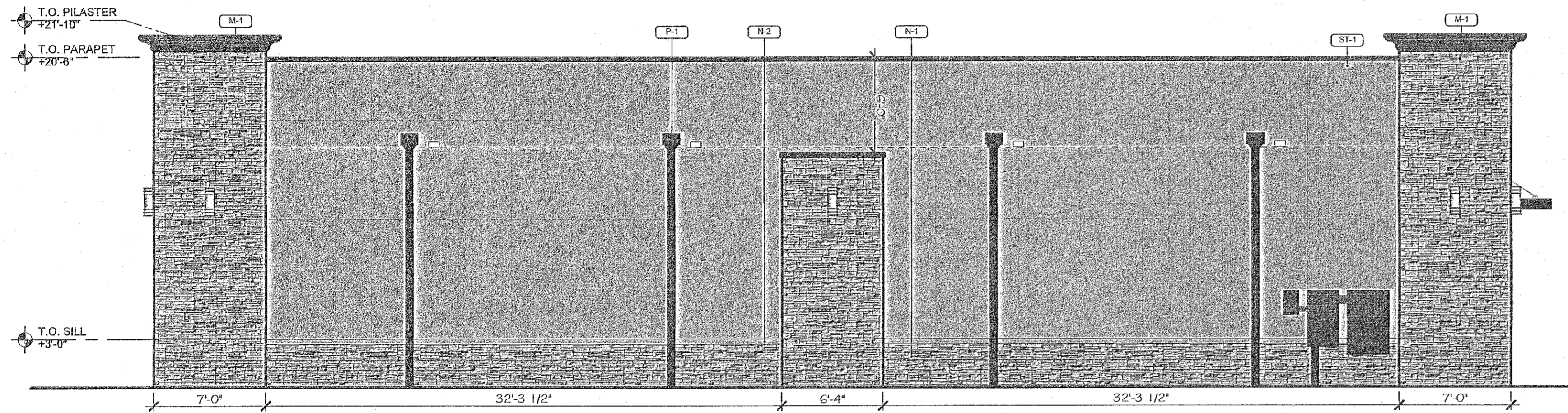




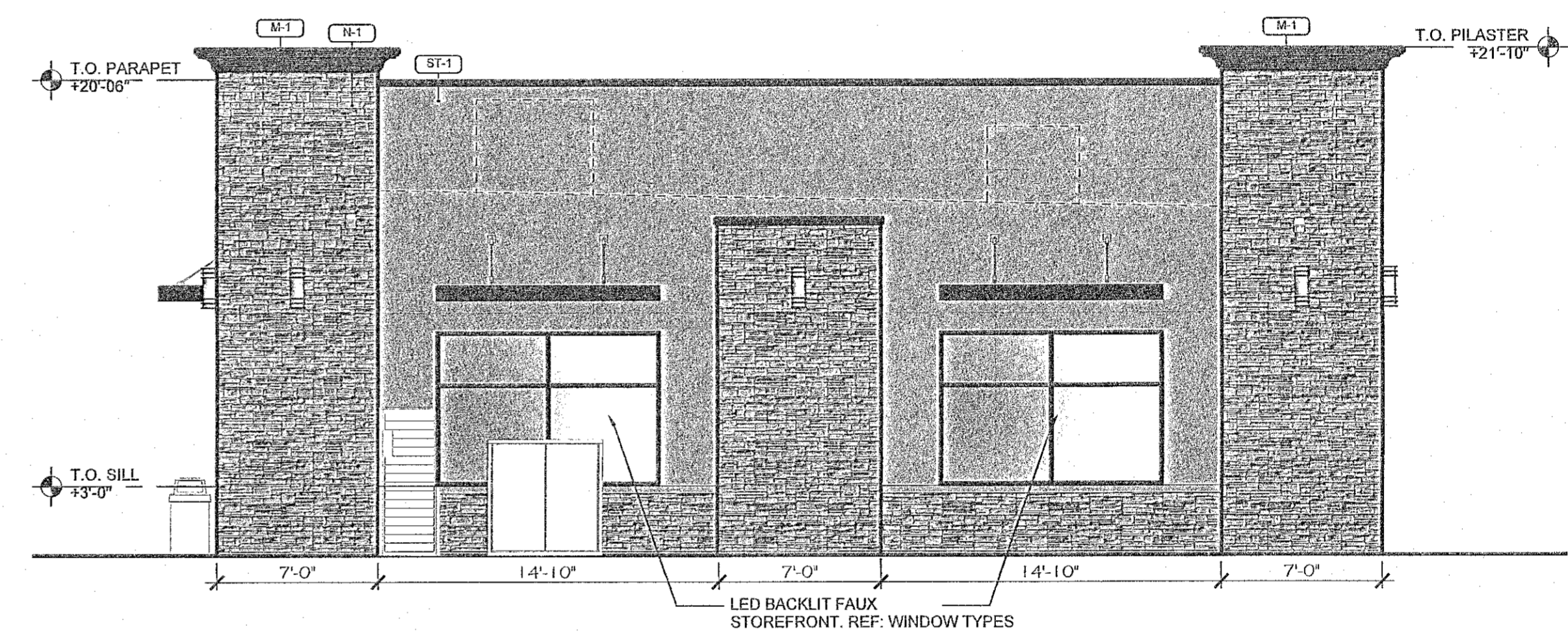
1 SOUTH ELEVATION
SCALE 3/16" = 1'-0"



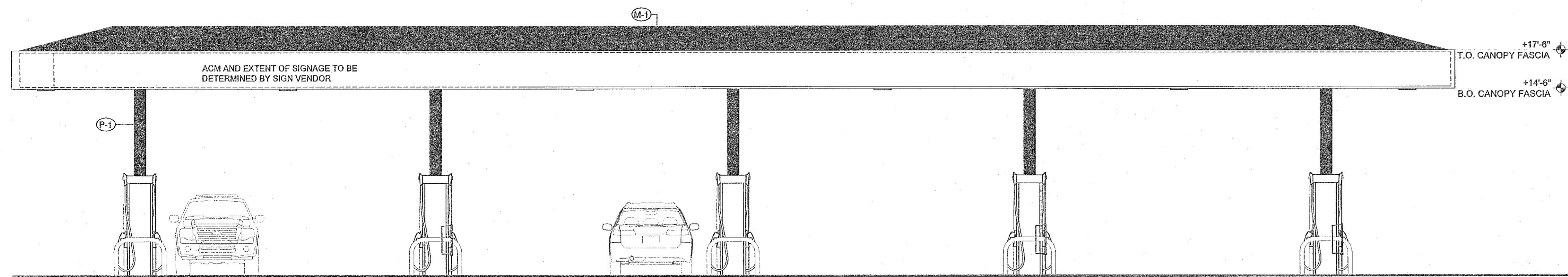
2 WEST ELEVATION
SCALE 3/16" = 1'-0"



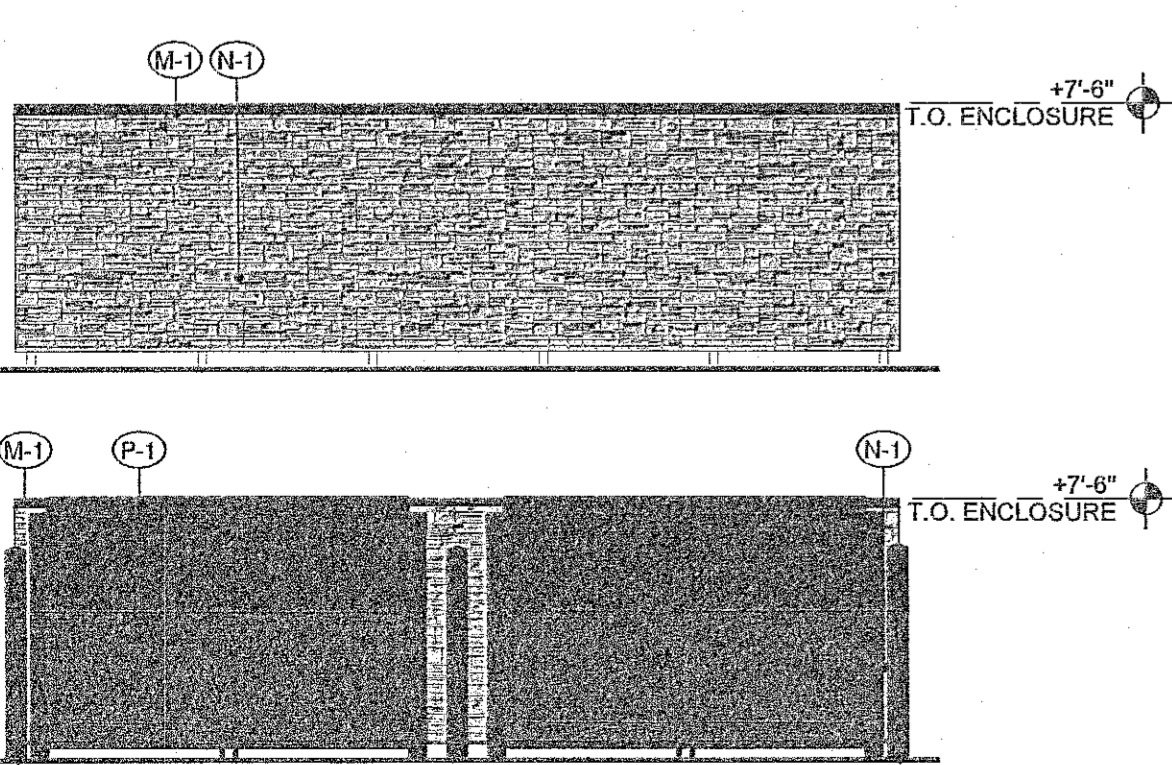
3 NORTH ELEVATION
SCALE 3/16" = 1'-0"



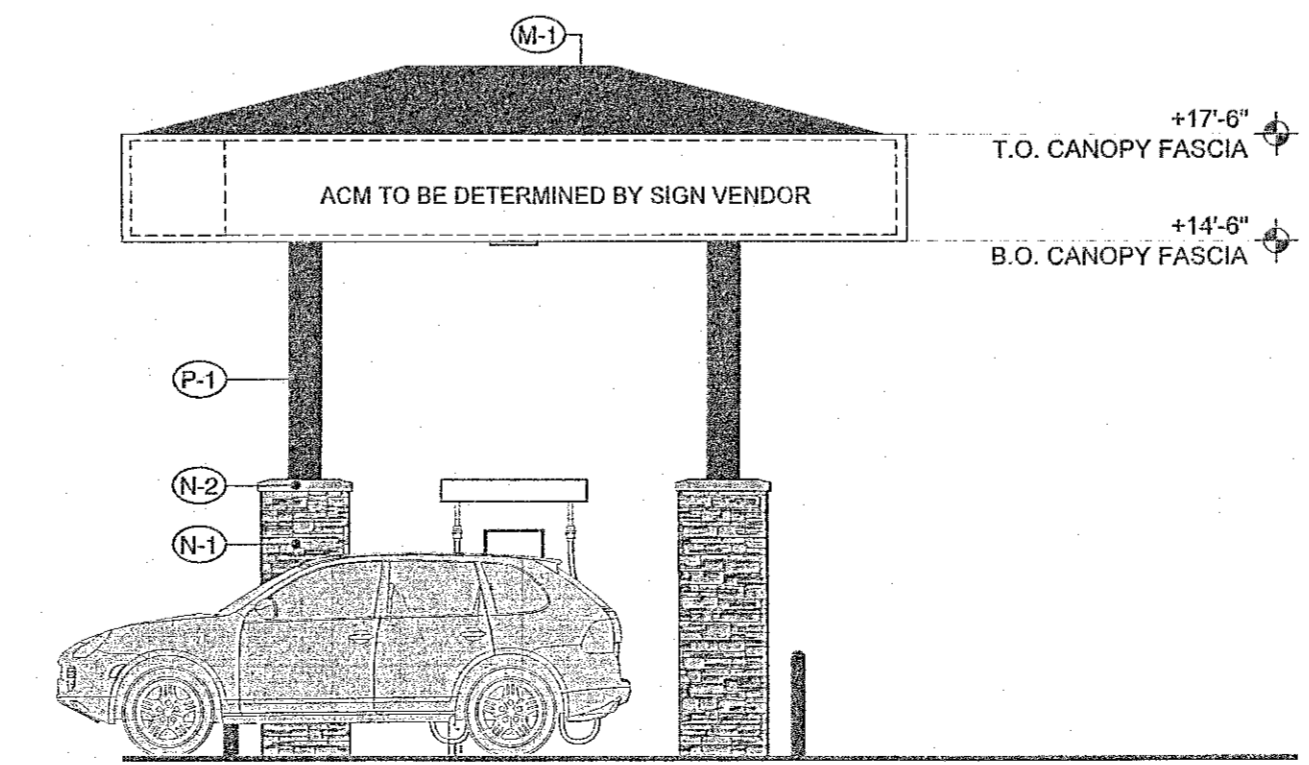
4 EAST ELEVATION
SCALE 3/16" = 1'-0"



5 CANOPY SIDE ELEVATION
SCALE 3/16" = 1'-0"



7 TRASH ENCLOSURE
SCALE 3/16" = 1'-0"



6 CANOPY END ELEVATION
SCALE 3/16" = 1'-0"

EXTERIOR FINISH SCHEDULE		
NOTE: SEALANT COLORS: MATCH COLOR OF ADJACENT MATERIAL BEING SEALED - WHEN 2 OR MORE COLORS ARE ADJACENT, MATCH LIGHTER-COLORED MATERIAL.		
FINISH	MATERIAL	PATTERN
M-1	24 GAUGE GALV. SHEET METAL COPING CAP, SLOPE 1/2" PER FOOT, PRE-FINISHED TO MATCH CANOPIES AND OTHER METAL WORKS (SW 7048 'URBANE BRONZE')-OR SIMILAR	
P-1	PRE-FINISHED SHEET METAL DOWNSPOUT SYSTEM AND PRE-FABRICATED AWNINGS TO MATCH CANOPIES AND OTHER METAL WORKS (SW 7048 'URBANE BRONZE')-OR SIMILAR	
N-1	STONE VENEER - ELDORADO STONE - MOUNTAIN LEDGE - "SIERRA" - OR SIMILAR	
N-2	PRE-CAST CONCRETE SILL	
SF-1	DRYVIT (OR EQUAL) - EIFS - "SW 7508 TAVERN TAUPÉ" - OR SIMILAR	
S-1/S-2	KAWNEER, "DARK BRONZE" ALUMINUM STOREFRONT FRAME - 1" INSULATED CLEAR GLAZING BY OLDCASTLE OR EQUAL - OR SIMILAR	

Job#:	C20-034
Scale:	AS NOTED
Date:	04/28/2020
Drawn By:	
Checked By:	

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3200 HACKBERRY ROAD, IRVING, TEXAS 75063
7-ELEVEN #1046457
PONY EXPRESS PKWY & PORTERS CROSSING PKWY
EAGLE MOUNTAIN, UT 84005

ELEVATIONS

Proto 10-23-2019