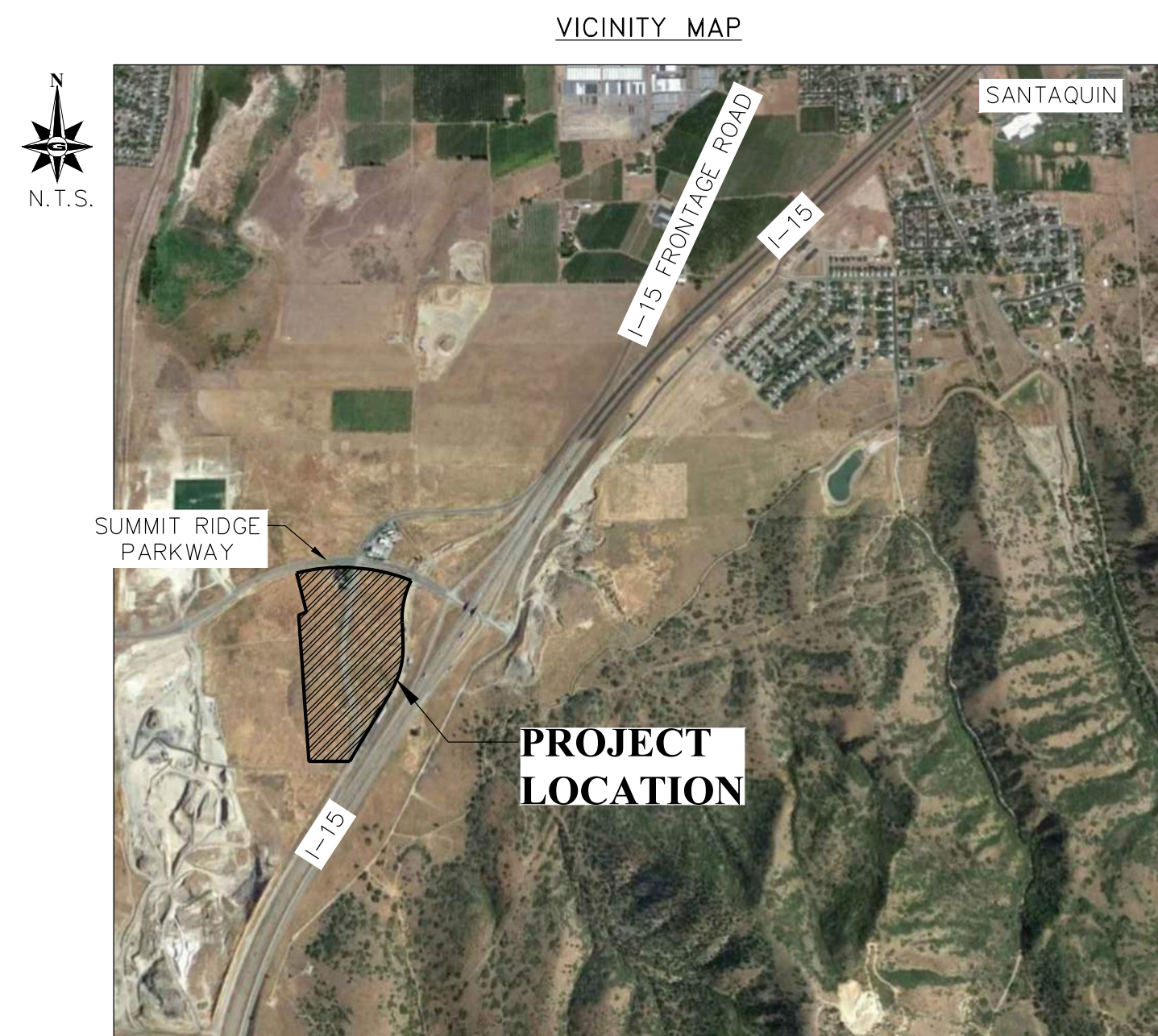


**CHAD LILJENQUIST**  
**SANTAQUIN - SUMMIT RIDGE PARCELS**  
 LOCATED IN THE CITY OF SANTAQUIN, UTAH 84655



SHEET INDEX	
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C.103	HORIZONTAL CONTROL & SITE PLAN
C.104	HORIZONTAL CONTROL & SITE PLAN
C.105	HORIZONTAL CONTROL & SITE PLAN
C.106	HORIZONTAL CONTROL & SITE PLAN
C.107	HORIZONTAL CONTROL & SITE PLAN
C.201	OVERALL UTILITIES & GRADING PLAN
C.202	UTILITIES & GRADING PLAN
C.203	UTILITIES & GRADING PLAN
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C.301	DETAILS
C.302	DETAILS
ER.101	EROSION CONTROL PLAN
ER.102	EROSION CONTROL DETAILS

OWNER

CONTACT: CHAD LILJENQUIST  
PHONE: (801) 566-6185

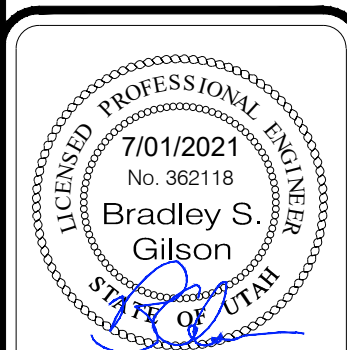
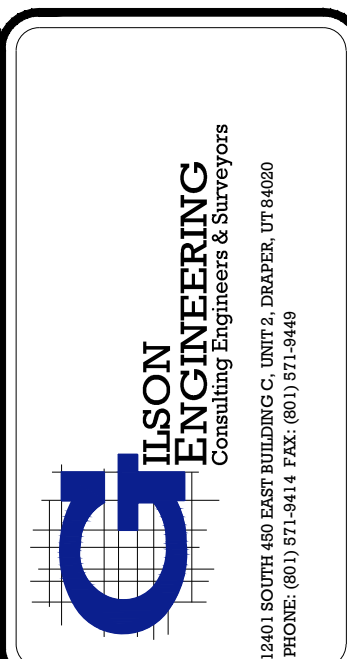
ENGINEER

GILSON ENGINEERING, INC.  
12401 SOUTH 450 EAST, UNIT C2  
DRAPER, UTAH 84020-7937

CONTACT: BRAD GILSON  
PHONE: (801) 571-9414

DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

[illegible]

# COVER SHEET

LILJENQUIEST  
SANTAQUIN - SUMMIT RIDGE PARCELS  
SANTAQUIN, UTAH 84655  
UTAH COUNTY, UTAH

REVISION: \_\_\_\_\_

PROJ. # **LIL.012**

COVER

ADJ	ADJUST
ADS	ADVANCE DRAINAGE SYSTEM
ARV	AIR RELEASE VALVE
BC	BAR AND CAP
BOW	BACK OF WALK
BVCE	BEGINNING VERTICAL CURVE ELEV.
BVCS	BEGINNING VERTICAL CURVE STATION
CB	CATCH BASIN
CBL	CABLE
CH	CHORD BEARING
CL	CENTERLINE
CMP	CORRUGATED METAL PIPE
CO	CLEAN OUT
CONC	CONCRETE
COR.	SECTION CORNER
D	DELTA ANGLE
DET	DETAIL
DIA	DIAMETER
DIP	DUCTILE IRON PIPE
DWG	DRAWING
EG	EXISTING GRADE
ELEV	ELEVATION
EOC	EDGE OF CONCRETE
EP	EDGE OF PAVEMENT
EVCE	END VERTICAL CURVE ELEV.
EVCS	END VERTICAL CURVE STATION
EW	EACH WAY
EX	EXISTING
FFE	FINISHED FLOOR ELEVATION
FG	FINISHED GRADE
FH	FIRE HYDRANT
FL	FLOW LINE
FO	FIBER OPTICS
FT	FOOT
GB	GRADE BREAK
HC	HANDICAP
HDPE	HIGH DENSITY POLY ETHYLENE
HP	HIGH POINT
INV.	INVERT
IRR	IRRIGATION
L.F.	LINEAR FEET
LIP	LIP OF CURB
LP	LOW POINT
LT.	LEFT
MAX.	MAXIMUM
MH	MANHOLE
MIN.	MINIMUM
MON	MONUMENT
NTS	NOT TO SCALE
OC	ON CENTER
OHP	OVER HEAD POWER
PC	POINT OF CURVE
PI	POINT OF INTERSECTION
PL	PROPERTY LINE
PP	POWER POLE
PRC	POINT OF REVERSE CURVE
PRV	PRESSURE REDUCING VALVE
PT	POINT OF TANGENCY
PUE	PUBLIC UTILITY EASEMENT
PVC	POLYVINYL CHLORIDE PIPE
R	RADIUS
ROW	RIGHT OF WAY
RT.	RIGHT
S	SEWER
SD	STORM DRAIN
SER	SOUTH END RADIUS
SSMH	SEWER MANHOLE
STA	STATION
STD	STANDARD
SW	SECONDARY WATER
TBC	TOP BACK OF CURB
TOA	TOP OF ASPHALT
TOE	TOE OF SLOPE
TOP	TOP OF SLOPE
TOW	TOP OF WALL
Typ	TYPICAL
UG	UNDER GROUND POWER
VPC	VERTICAL POINT OF CURVE
VPI	VERTICAL POINT OF INTERSECTION
VPT	VERTICAL POINT OF TANGENCY
W	WATER
WM	WATER METER
WV	WATER VALVE

1. THIS DESIGN IS AN ORIGINAL UNPUBLISHED WORK AND MAY NOT BE DUPLICATED, PUBLISHED AND/OR USED WITHOUT THE WRITTEN CONSENT OF GILSON ENGINEERING, INC.
2. THESE SHEETS - LISTED BY DRAWING INDEX, ALL ACCOMPANYING SPECIFICATIONS FOR MATERIALS, WORKMANSHIP QUALITY, AND NOTES HAVE BEEN PREPARED SOLELY FOR THE CONSTRUCTION AND FINISH OF PROJECT IMPROVEMENTS, COMPLETE AND READY FOR USE.
3. ALL WORK IS TO BE PERFORMED IN ACCORDANCE WITH PERTINENT JURISDICTIONAL CODES, RESTRICTIONS, COVENANTS, AND/OR ORDINANCES. ANY CONFLICT BETWEEN DESIGN AND REQUIREMENT SHALL BE REPORTED TO GILSON ENGINEERING, INC. BEFORE PROCEEDING. FAILURE TO DO SO VOIDS THE DESIGN.
4. ANY AND ALL PROPOSED CHANGE, MODIFICATIONS AND/OR SUBSTITUTION SHALL BE REPORTED TO GILSON ENGINEERING, INC. BEFORE PROCEEDING. ANY DEVIATION FROM THE CONTRACT DOCUMENTS, WITHOUT THE EXPRESS WRITTEN AUTHORIZATION OF GILSON ENGINEERING, INC. VOIDS THE DESIGN.
5. IN THE EVENT OF CONFLICT BETWEEN THE DESIGN DOCUMENTS AND/OR JURISDICTIONAL REQUIREMENTS, THE MORE RESTRICTIVE FROM THE STANDPOINT OF SAFETY AND PHYSICAL SECURITY SHALL APPLY.
6. ANY INSTALLATION OR WORK NECESSARY TO THE FUNCTIONING, SAFETY AND/OR PHYSICAL SECURITY OF DESIGN THAT IS TO BE ENCAPSULATED OR OTHERWISE PERMANENTLY OBSCURED FROM INSPECTION SHALL BE REPORTED TO GILSON ENGINEERING, INC. A MINIMUM OF TWO (2) WORKING DAYS BEFORE ENCLOSURE.
7. DESIGN IS GENERALLY PREDICATED UPON PROVISIONS OF THE CURRENT EDITION OF THE INTERNATIONAL BUILDING CODE AND/OR AMENDMENTS AS MAY HAVE BEEN LOCALLY ENACTED. THIS DESIGN AND ANY CONSEQUENT CONSTRUCTION SHALL ACCOMMODATE ALL REQUIREMENTS OF THE JURISDICTIONAL FIRE SAFETY/PREVENTION DISTRICT.
8. ANY DAMAGE, DISRUPTION OR COMPROMISE OF AMBIENT RIGHTS-OF-WAY, UTILITIES, OR ENVIRONMENTAL QUALITY SHALL BE IMMEDIATELY RECTIFIED BY THE CONTRACTOR TO THE SATISFACTION OF GILSON ENGINEERING, INC. AT NO COST TO THE OWNER.
9. THIS DESIGN PURPORTS TO PERMIT FULL ACCESS TO HANDICAPPED PERSONS AS PROVIDED FOR BY PROVISIONS OF FEDERAL LAW. ANY DEVIATION OR COMPROMISE SHALL BE REPORTED TO GILSON ENGINEERING, INC. FOR RESOLUTION.
10. ALL WORK SHALL BE INSPECTED BY GOVERNING AGENCIES IN ACCORDANCE WITH THEIR REQUIREMENTS. JURISDICTIONAL APPROVAL SHALL BE SECURED BEFORE PROCEEDING WITH WORK
11. ANY WORK THAT IS OUTSIDE OF THE LIMIT OF WORK SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT NO COST TO THE OWNER.
12. CONSULT ALL DRAWINGS AND SPECIFICATIONS FOR COORDINATION REQUIREMENTS BEFORE COMMENCING CONSTRUCTION.
13. AT ALL LOCATIONS WHERE EXISTING PAVEMENT ABUTS NEW CONSTRUCTION, THE EDGE OF THE EXISTING PAVEMENT SHALL BE SAW CUT TO A CLEAN, SMOOTH EDGE.
14. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE MOST RECENT, ADOPTED EDITION OF ADA ACCESSIBILITY GUIDELINES.
15. CONTRACTOR MUST VERIFY ALL EXISTING CONDITIONS BEFORE BIDDING AND BRING UP ANY QUESTIONS BEFORE HAND.
16. CONTRACTOR IS RESPONSIBLE FOR SCHEDULING AND NOTIFYING ENGINEER OR INSPECTING AUTHORITY 72 HOURS IN ADVANCE OF COVERING UP ANY PHASE OF CONSTRUCTION REQUIRING OBSERVATION.
17. ALL DIMENSIONS, GRADES, AND UTILITY DESIGNS SHOWN ON PLANS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH CONSTRUCTION FOR NECESSARY PLAN OR GRADE CHANGES.
18. CONTRACTOR IS RESPONSIBLE FOR ALL FLAGGING, CAUTION SIGNS, LIGHTS, BARRICADES, FLAG MEN, AND ALL OTHER DEVICES NECESSARY FOR PUBLIC SAFETY.
19. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE ALL WATER, POWER, SANITARY FACILITIES, AND TELEPHONE SERVICES AS REQUIRED FOR THE CONTRACTORS USE DURING CONSTRUCTION.
20. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT WRITTEN AUTHORIZATION FROM THE OWNER OR ENGINEER.
21. THE CONTRACTOR SHALL EXERCISE DUE CAUTION AND SHALL CAREFULLY PRESERVE BENCHMARKS, CONTROL POINTS, REFERENCE POINTS, AND ALL SURVEY STAKES, AND SHALL BEAR ALL EXPENSES FOR REPLACEMENT AND/OR ERRORS CAUSE BY THEIR UNNECESSARY LOSS OR DISTURBANCE.
22. THE CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE JOBSITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS ON THE PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO WORKING HOURS. THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF THE WORK ON THIS PROJECT.
23. ALL WORK WITHIN THE SITE TO CONFORM TO THE CURRENT CITY STANDARDS AND SPECIFICATIONS.
24. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING ALL OF THE REQUIREMENTS ESTABLISHED FOR SAFE TRENCHING. (SEE OSHA AND UOSHA REQUIREMENTS, LATEST EDITIONS).
25. CONTRACTOR SHALL LOCATE ALL UNDERGROUND UTILITIES BEFORE LAYING PIPE WITHIN 200 FEET OF SAID UTILITIES WHICH MAY BE EXPOSED, DAMAGED OR CROSSED AS SHOWN ON THE DRAWINGS OR AS "BLUE STAKED". THE CONTRACTOR WILL MAKE ARRANGEMENTS WITH THE UTILITY COMPANY TO MOVE THE UTILITY IF NECESSARY OR OBTAIN PERMISSION FROM THE PROJECT ENGINEER TO MODIFY GRADES OF PROJECT LINES IN ORDER TO GO AROUND EXISTING UTILITIES.
26. SEWER MAINS, WATER MAINS, GAS MAINS AND OTHER UTILITIES ARE SHOWN ON THE PLANS IN A GENERAL SCHEMATIC WAY ACCORDING TO INFORMATION RECEIVED FROM OTHERS AND SOMETIMES FROM FIELD MEASUREMENTS. THE ACCURACY OR COMPLETENESS OF THE LOCATIONS SHOWN IS APPROXIMATE ONLY. THE CONTRACTOR SHALL DETERMINE THE ACTUAL LOCATION OF EXISTING SERVICE CONNECTIONS AND UTILITIES, VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS AND TAKE THE NECESSARY STEPS TO AVOID THEM.
27. SPECIFIC INFORMATION PROVIDED IN THE CONTRACT DOCUMENTS SHALL SUPERSEDE ITEMS COVERED IN THESE DRAWINGS.

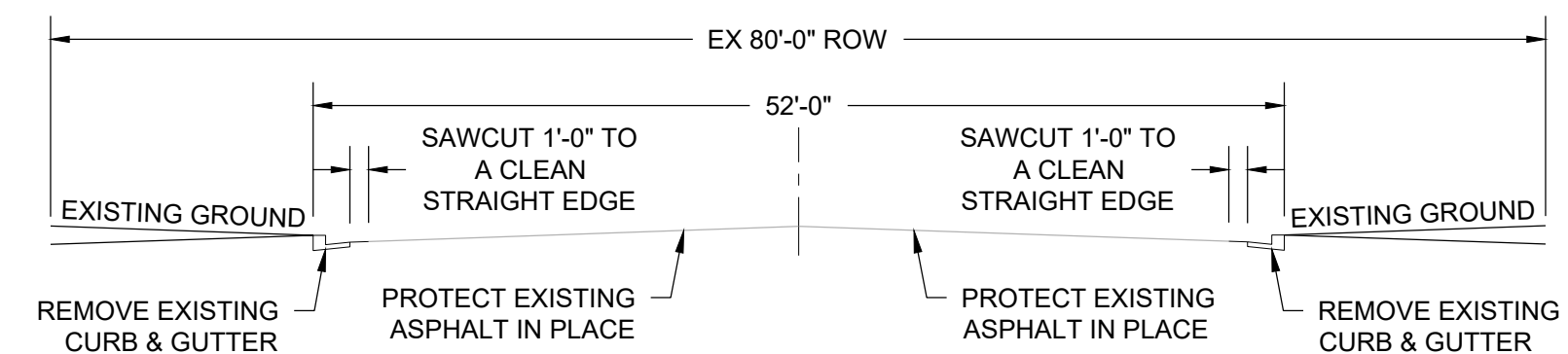
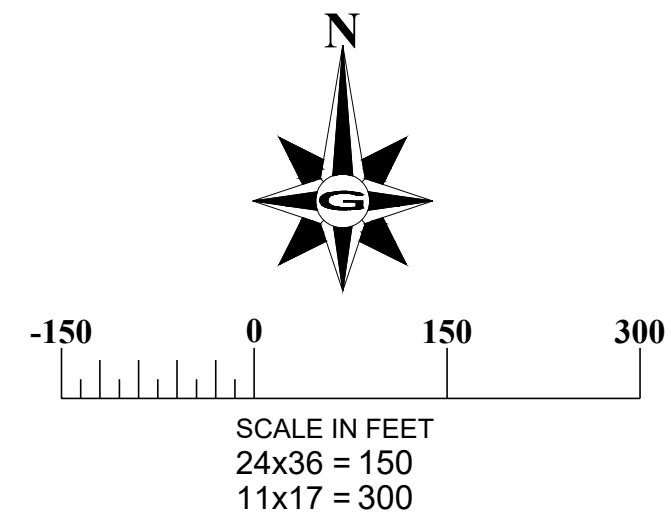
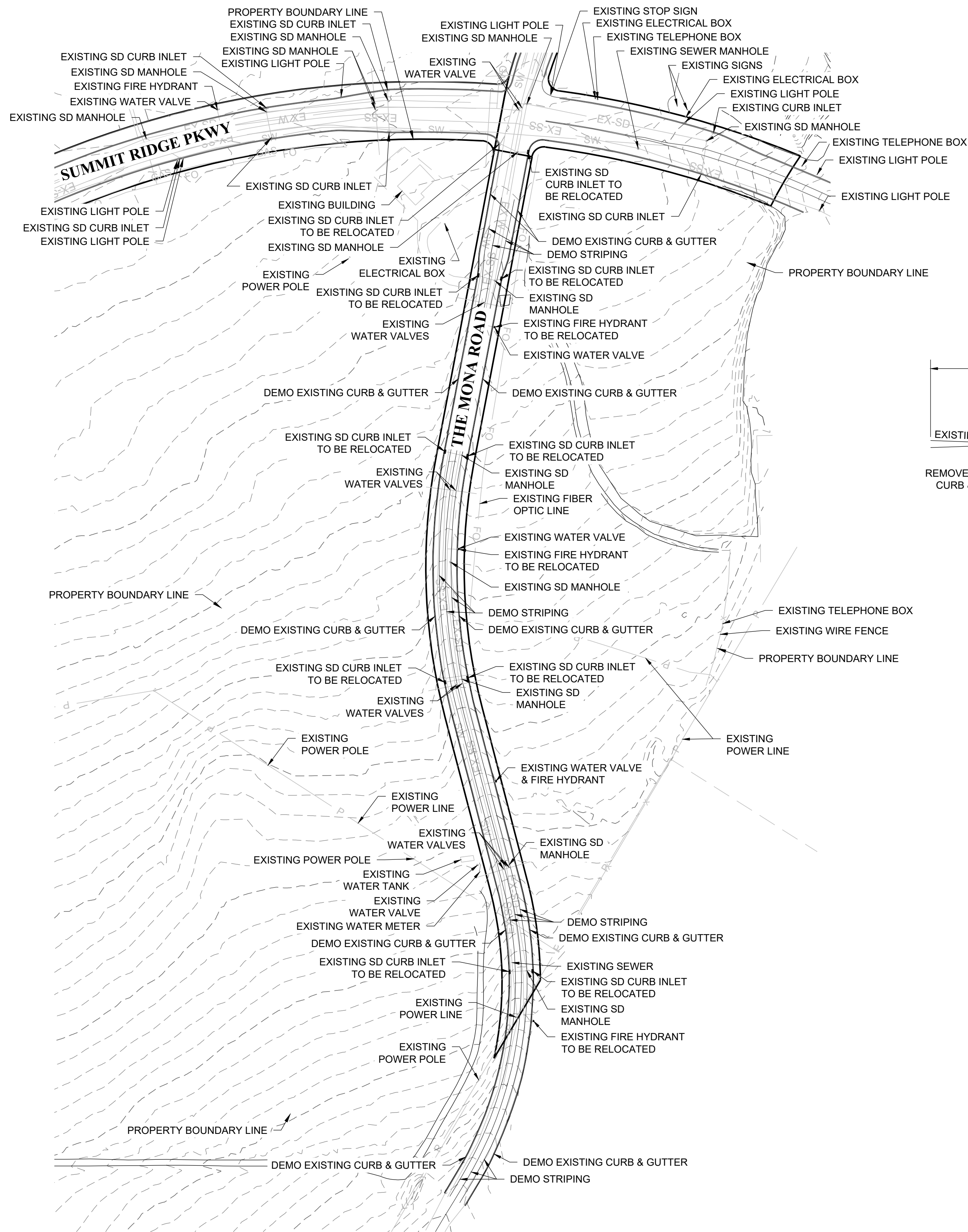
1. COORDINATE ALL UTILITY CONNECTIONS TO BUILDING WITH PLUMBING PLANS AND BUILDING CONTRACTOR.
2. VERIFY DEPTH AND LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTING ANY NEW UTILITY LINES. NOTIFY CIVIL ENGINEER OF ANY DISCREPANCIES OR CONFLICTS PRIOR TO ANY CONNECTIONS BEING MADE.
3. WATER METERS ARE TO BE INSTALLED PER CURRENT CITY STANDARDS AND SPECIFICATIONS. IT WILL BE THE CONTRACTORS RESPONSIBILITY TO INSTALL ALL ITEMS REQUIRED.
4. WATER LINES, VALVES, FIRE HYDRANTS, FITTINGS ETC. ARE TO BE CONSTRUCTED AS SHOWN. CONTRACTOR IS RESPONSIBLE TO CONSTRUCT ANY VERTICAL ADJUSTMENTS NECESSARY TO CLEAR SEWER, STORM DRAIN OR OTHER UTILITIES AS NECESSARY INCLUDING VALVE BOXES AND HYDRANT SPOOLS TO PROPER GRADE.
5. FIELD VERIFY ALL EXISTING AND/OR PROPOSED ROOF DRAIN/ROOF DRAIN DOWN SPOUT CONNECTIONS TO STORM WATER SYSTEM WITH CIVIL, PLUMBING & ARCHITECTURAL PLANS. NOTIFY ENGINEER OF ANY DISCREPANCIES.
6. ALL CATCH BASINS AND INLET BOX GRATES ARE TO BE BICYCLE SAFE.
7. UNLESS OTHERWISE NOTED FOR EXISTING UTILITIES, ALL DRY UTILITIES ARE ASSUMED TO BE 3' BELOW EXISTING GRADE TO TOP OF CONDUIT. ALL WATER LINES ARE ASSUMED TO BE 4' BELOW EXISTING GRADE TO TOP OF PIPE. ALL STORM AND SANITARY LINES ARE BASED ON SURVEYED INVERT DATA. CONTRACTOR TO POTHOLE ALL UTILITY CROSSINGS, VERIFY ELEVATIONS AND CONTACT ENGINEER IF ELEVATIONS ARE DIFFERENT FROM THOSE SHOWN IN THESE PLANS.
8. ANY EXISTING VALVES AND MANHOLE COVERS SHALL BE RAISED OR LOWERED TO MEET FINISHED GRADE
9. IF CONTRACTOR LOCATES ANY UNIDENTIFIED UTILITIES, CONTRACTOR SHALL CONTACT THE ENGINEER FOR VERIFICATION OF LOCATION BOTH HORIZONTAL AND VERTICAL.

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS ARE BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF ALL UTILITIES RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES TO BE EXCAVATED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.

THE CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO THE PERIOD OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROTECT AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PROJECT, INCLUDING BUT NOT LIMITED TO, LIABILITY FOR INJURY OR DEATH OR PROPERTY DAMAGE ARISING FROM SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.

**GENERAL NOTES**

LILJENQUIST  
SANTAQUIN - SUMMIT RIDGE PARCELS  
SANTAQUIN, UTAH 84655  
UTAH COUNTY, UTAH



**EXISTING STREET SECTION DEMO DETAIL**

SCALE: N.T.S.

**DISCLAIMER NOTE**

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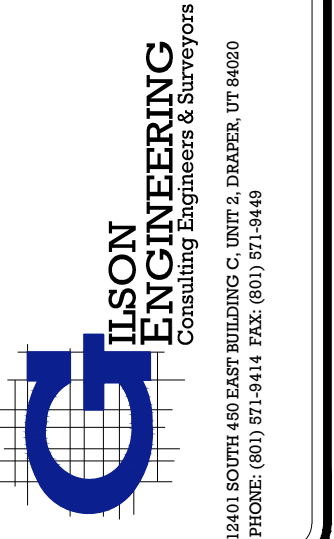
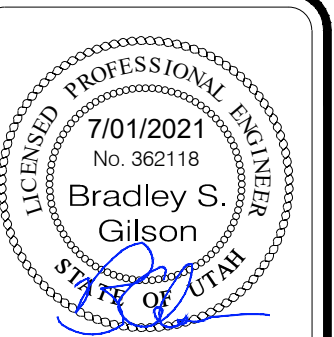


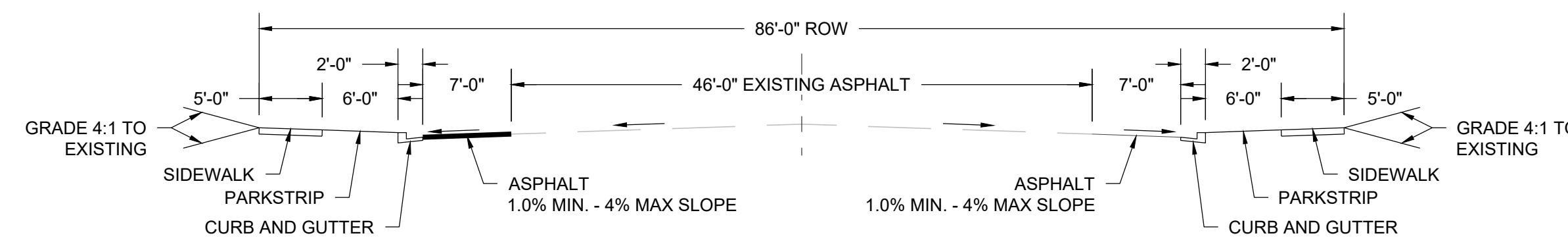
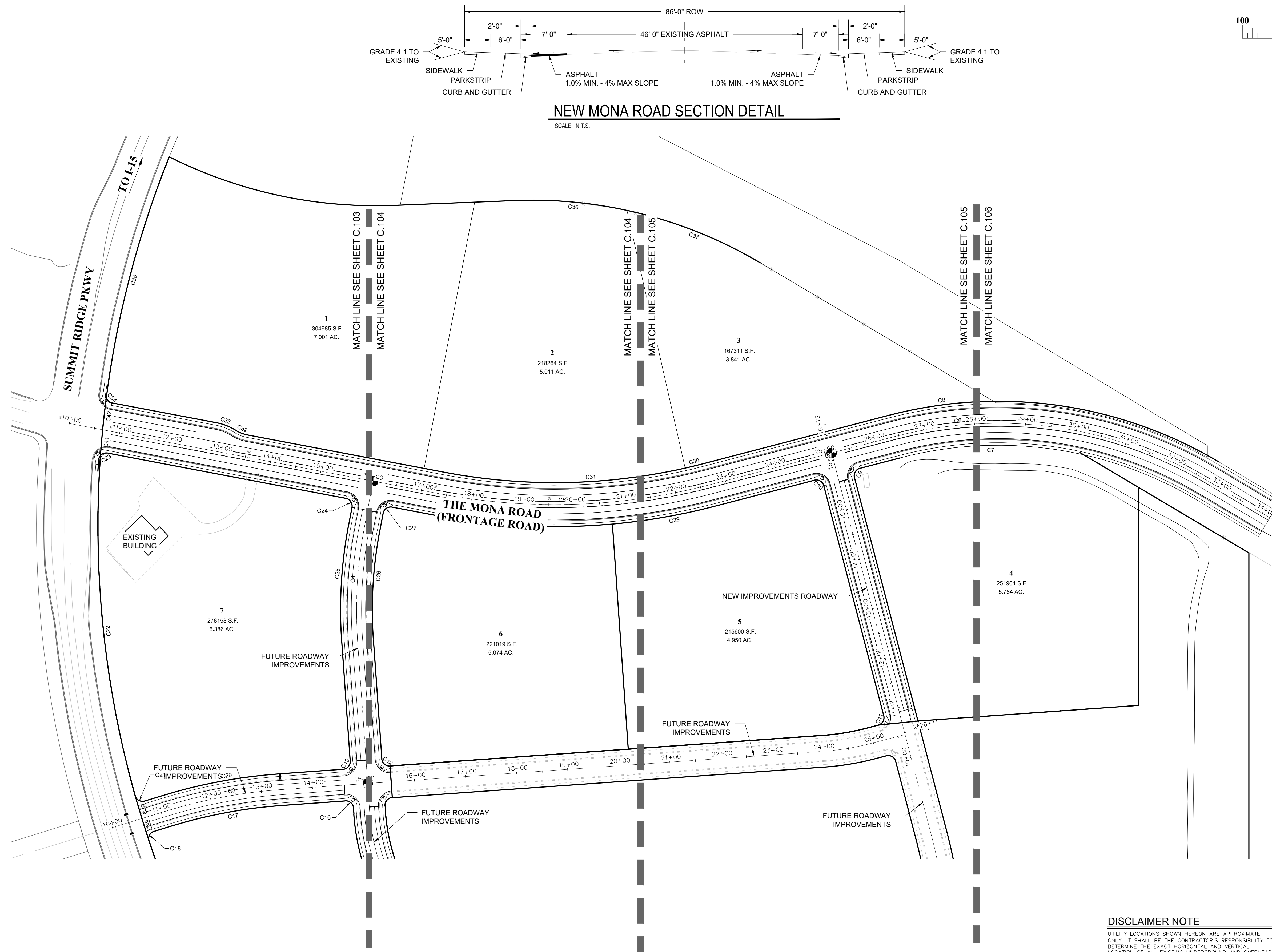
**EXISTING SITE**  
LILJENQUIEST  
SANTAQUIN - SUMMIT RIDGE PARCELS  
SANTAQUIN, UTAH 84655  
UTAH COUNTY, UTAH

REVISION: -

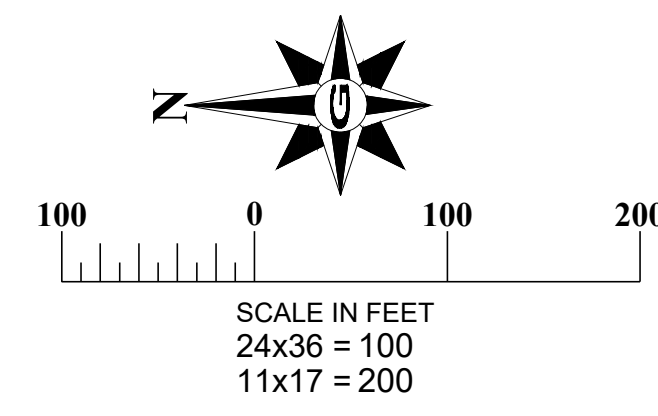
PROJ. # **LIL.012**

**C.101**





NEW MONA ROAD SECTION DETAIL  
SCALE: N.T.S.



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**SITE PLAN OVERALL**  
LILJENQUIST  
SANTAQUIN - SUMMIT RIDGE PARCELS  
SANTAQUIN, UTAH 84655  
UTAH COUNTY, UTAH

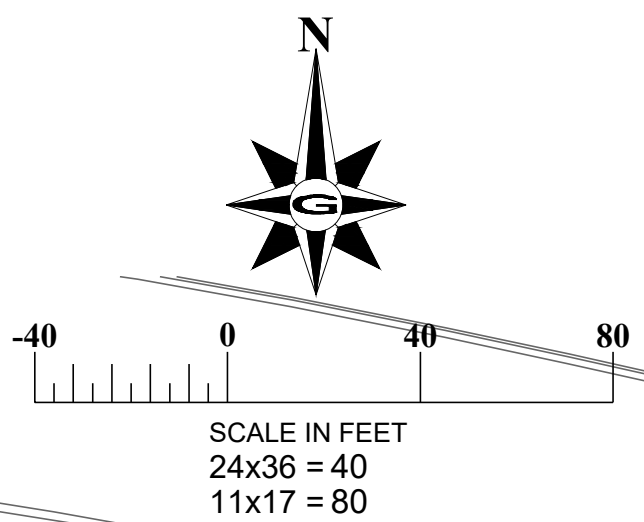
REVISION: -  
PROJ. # **LIL.012**  
**C.102**

DATE: JULY 2021		REVISIONS	
DRAWING NAME: C-102 SITE PLAN OVERALL		REV	DATE
DESIGNED/DRAWN BY: BG/BP		BY	COMMENTS
CHECKED:	APPROVED:		

0 1" SCALE MEASURES 1" ON FULL SIZE SHEET  
ADJUST FOR HALF SIZE SHEETS

1" SCALE MEASURES 1" ON FULL SIZE SHEET  
ADJUST FOR HALF SIZE SHEETS

**LILSON**  
**ENGINEERING**  
Consulting Engineers & Surveyors  
1001 S. 400TH, 4TH FLOOR, SUITE 100  
SANTAQUIN, UTAH 84655  
PHONE: (801) 871-1414 FAX: (801) 871-1449



FOR PARCEL LINE TABLE &  
CURVE TABLE SEE SHEET C.107

**DISCLAIMER NOTE**  
UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.



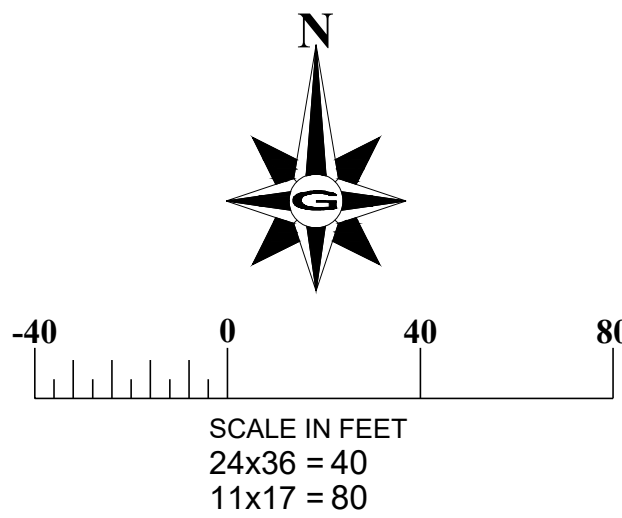
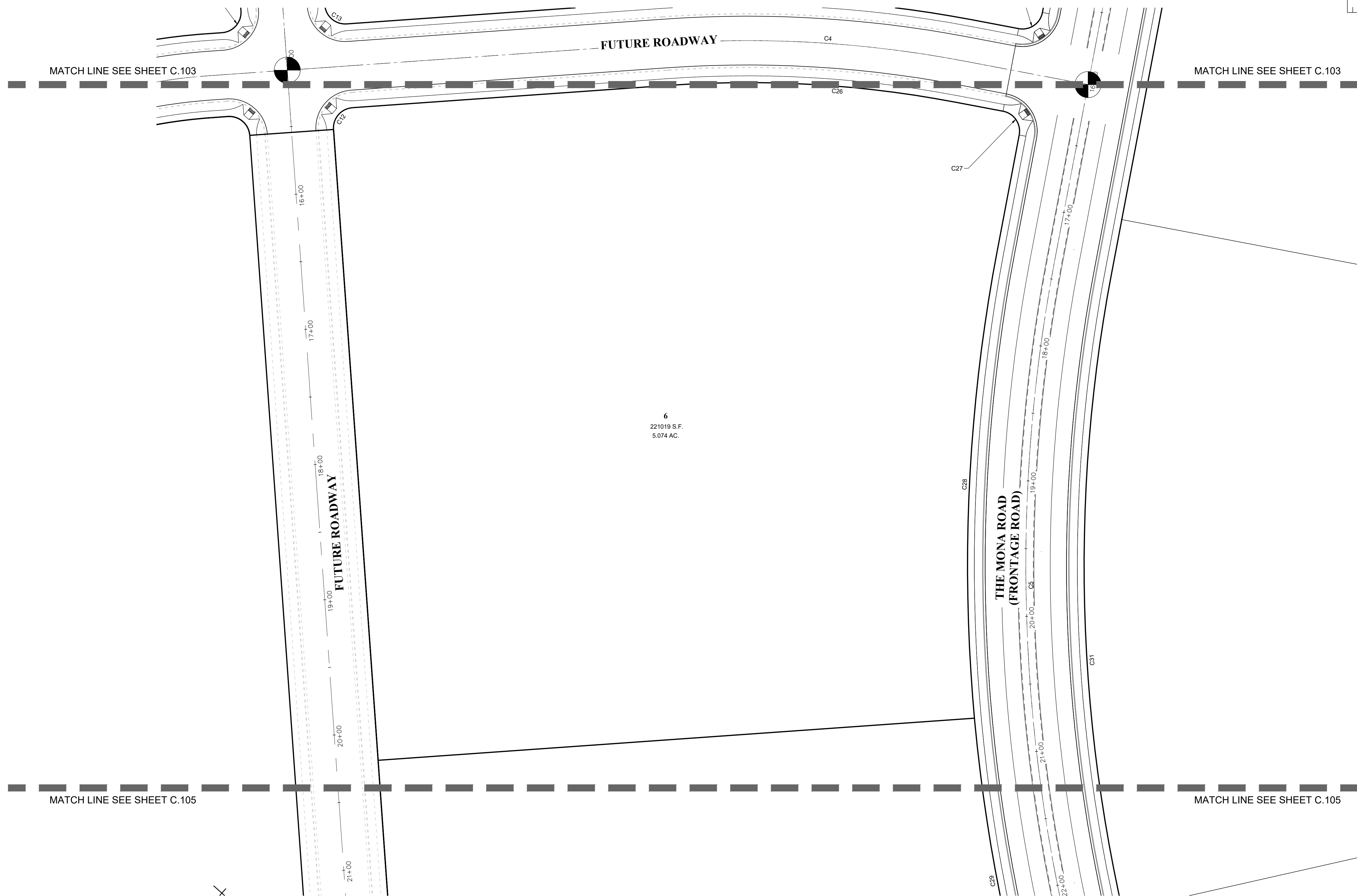
**HORIZONTAL CONTROL & SITE PLAN**  
LILJENQUIST  
SANTAQUIN - SUMMIT RIDGE PARCELS  
SANTAQUIN, UTAH 84655  
UTAH COUNTY, UTAH

DATE	REVISIONS
JULY 2021	
DRAWING NAME: C.103 HORIZONTAL CONTROL & SITE PLAN	REV. DATE BY COMMENTS
DESIGNED/DRAWN BY: BG/BP	
CHECKED: APPROVED: _____	

1" SCALE MEASURES 1" ON FULL SIZE SHEET  
ADJUST FOR HALF SIZE SHEETS

REVISION: -  
PROJ. # **LIL.012**  
**C.103**

**GILSON ENGINEERING**  
Consulting Engineers & Surveyors  
1001 S. STATE, 4TH FLOOR, SALT LAKE CITY, UTAH 84143  
PHONE: (801) 871-8414 FAX: (801) 521-1449



FOR PARCEL LINE TABLE & CURVE TABLE SEE SHEET C.107

DISCLAIMER NOTE  
UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.



HORIZONTAL CONTROL & SITE PLAN

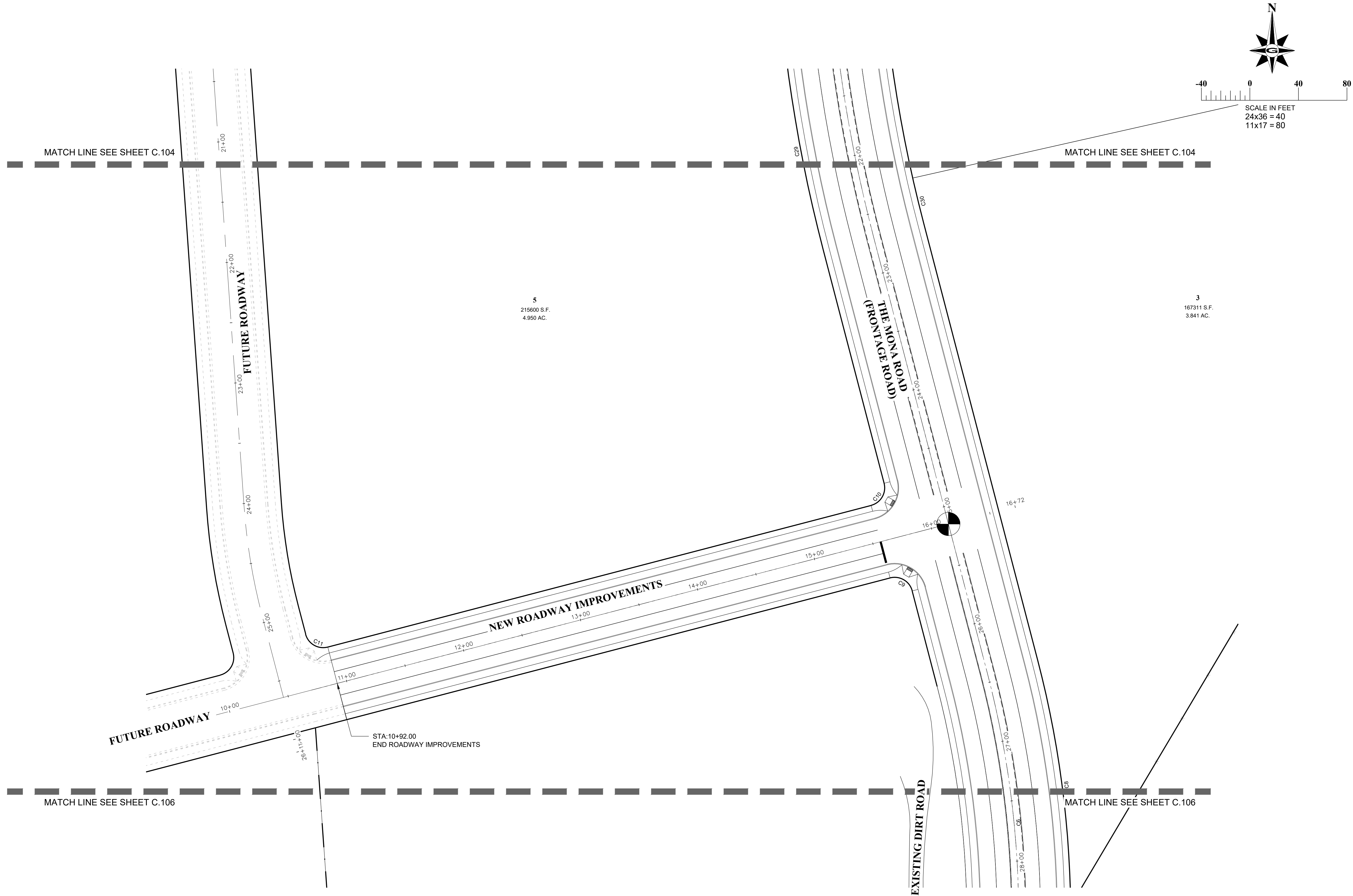
LILJENQUIEST  
SANTAQUIN - SUMMIT RIDGE PARCELS  
SANTAQUIN, UTAH 84655  
UTAH COUNTY, UTAH

DATE	REVISIONS
JULY 2021	
DRAWING NAME: C.104 HORIZONTAL CONTROL & SITE PLAN	
DESIGNED/DRAWN BY: BG/BP	
CHECKED: / APPROVED: /	

1" SCALE MEASURES 1" ON FULL SIZE SHEET  
ADJUST FOR HALF SIZE SHEETS

REVISION: -  
PROJ. # LIL.012  
C.104

**GILSON ENGINEERING**  
Consulting Engineers & Surveyors  
1001 S. STATE, 4TH FLOOR  
SALT LAKE CITY, UTAH 84143  
PHONE: (801) 571-8414 FAX: (801) 571-1449



FOR PARCEL LINE TABLE &  
CURVE TABLE SEE SHEET C.107

**DISCLAIMER NOTE**  
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**HORIZONTAL CONTROL & SITE PLAN**

LILJENQUIEST  
SANTAQUIN - SUMMIT RIDGE PARCELS  
SANTAQUIN, UTAH 84655  
UTAH COUNTY, UTAH

DATE	REVISIONS
JULY 2021	
DRAWING NAME:	
C.105 HORIZONTAL CONTROL & SITE PLAN	
DESIGNED/DRAWN BY:	
BG/BP	
CHECKED:	APPROVED:
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1" SCALE MEASURES 1" ON FULL SIZE SHEET  
ADJUST FOR HALF SIZE SHEETS

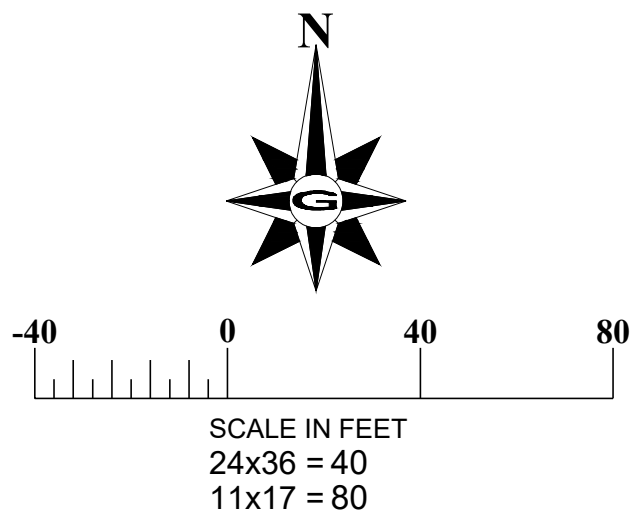
REVISION: -  
PROJ. # **LIL.012**  
**C.105**

**ILSON ENGINEERING**  
Consulting Engineers & Surveyors  
1001 S. 400TH, 4TH FLOOR, SUITE 100, OGDEN, UT 84403  
PHONE: (801) 871-8414 FAX: (801) 871-1449

MATCH LINE SEE SHEET C.105

4  
251964 S.F.  
5.784 AC.

MATCH LINE SEE SHEET C.105



EXISTING DIRT ROAD

THE MONA ROAD  
(FRONTAGE ROAD)

STA:34+17.17  
END TRANSITION TO EXISTING

FOR PARCEL LINE TABLE &  
CURVE TABLE SEE SHEET C.107

DISCLAIMER NOTE

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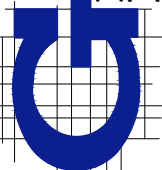
HORIZONTAL CONTROL & SITE PLAN

LILJENQUIEST  
SANTAQUIN - SUMMIT RIDGE PARCELS  
SANTAQUIN, UTAH 84655  
UTAH COUNTY, UTAH

DATE	REVISIONS
JULY 2021	
DRAWING NAME: C.106 HORIZONTAL CONTROL & SITE PLAN	
DESIGNED/DRAWN BY: BG/BP	
CHECKED: _____	APPROVED: _____

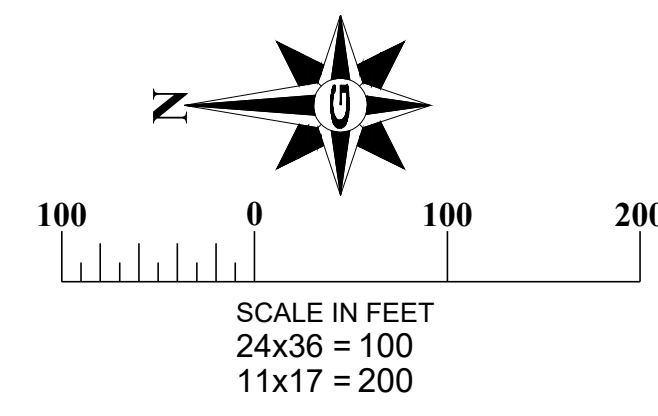
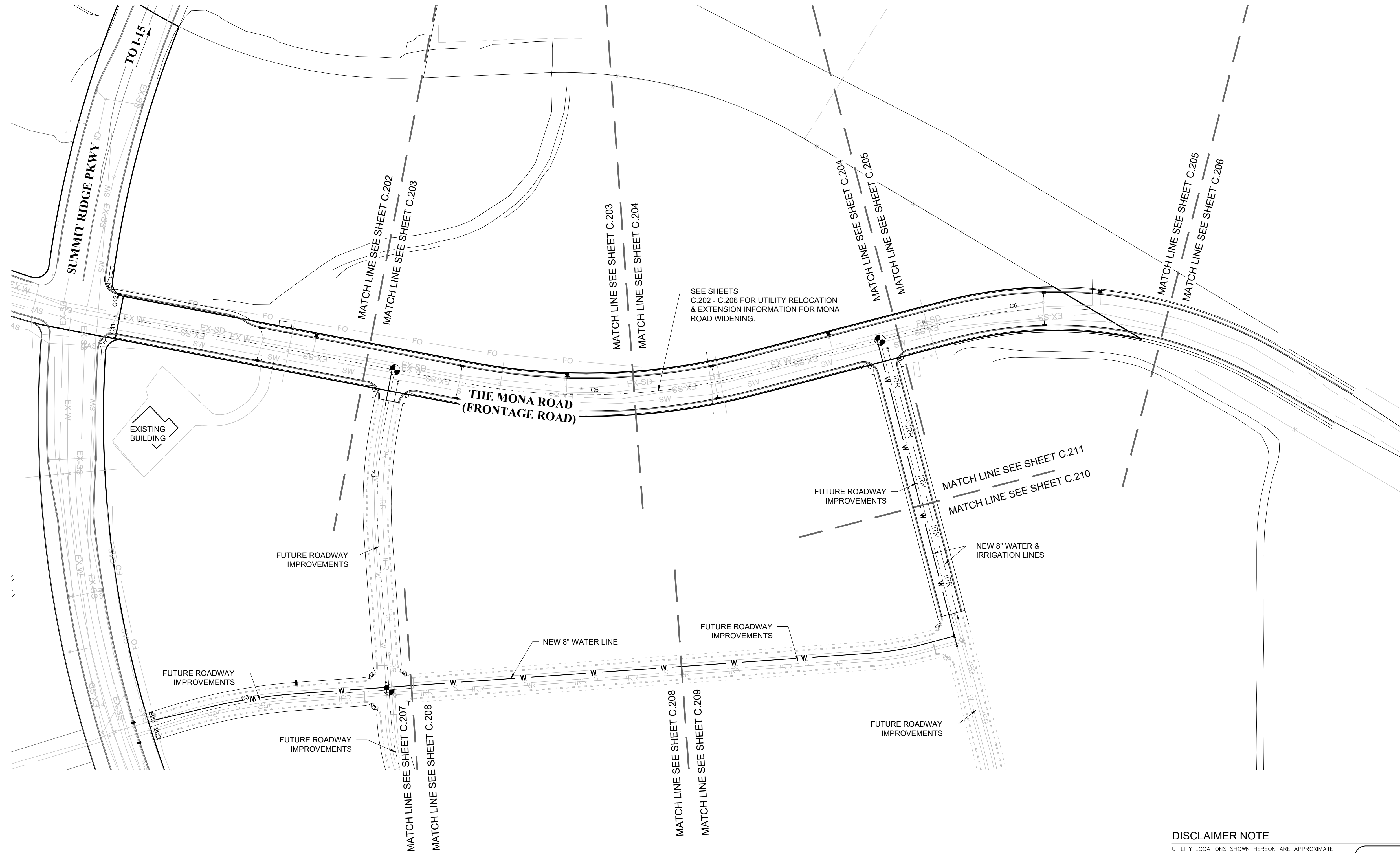
1" SCALE MEASURES 1' ON FULL SIZE SHEET  
ADJUST FOR HALF SIZE SHEETS

REVISION: -  
PROJ. # LIL.012  
C.106



**WILSON**  
**ENGINEERING**  
Consulting Engineers & Surveyors  
1001 S. STATE, 4TH FLOOR  
SALT LAKE CITY, UTAH 84143  
PHONE: (801) 873-8414 FAX: (801) 521-1449





**DISCLAIMER NOTE**  
UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

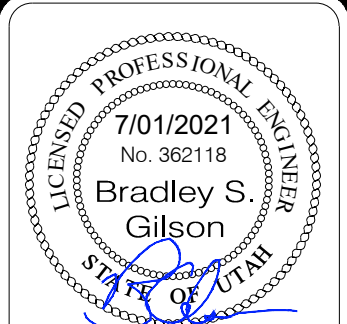
**CALL BEFORE YOU DIG**  
IT'S FREE & IT'S THE LAW.  
1-800-662-4111  
208-2100  
800 WEST 700 SOUTH, SUITE 101  
SALT LAKE CITY, UTAH 84143

**OVERALL UTILITIES & GRADING PLAN**  
LILJENQUIST  
SANTAQUIN - SUMMIT RIDGE PARCELS  
SANTAQUIN, UTAH 84655  
UTAH COUNTY, UTAH

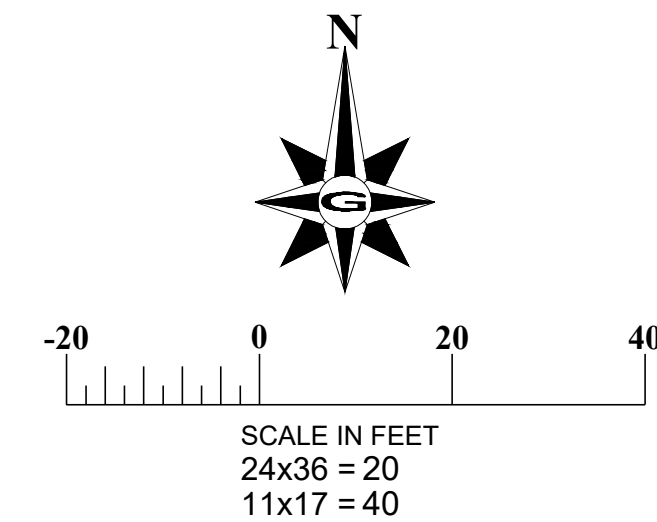
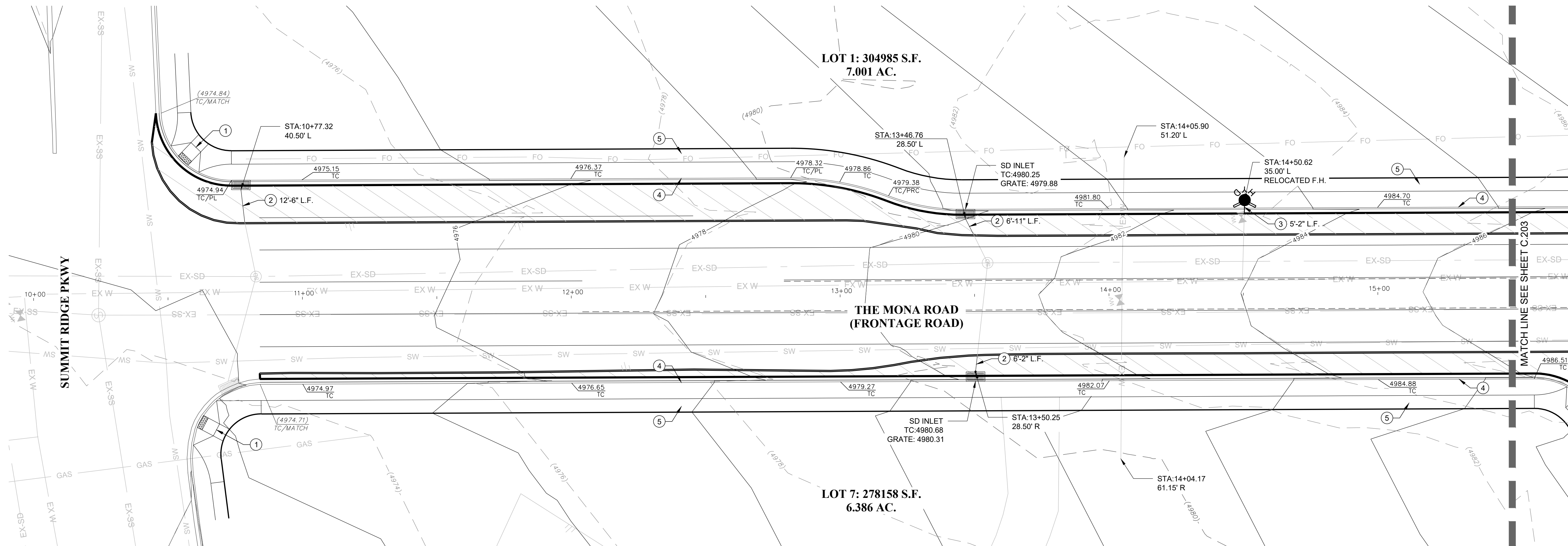
REV	DATE	BY	COMMENTS

DATE: JULY 2021  
DRAWING NAME: C.201 OVERALL UTILITIES PLAN  
DESIGNED/DRAWN BY: BG/BP  
CHECKED: APPROVED: 1" SCALE MEASURES 1" ON FULL SIZE SHEET ADJUST FOR HALF SIZE SHEETS

REVISION: -  
PROJ. # **LIL.012**  
**C.201**



**GILSON ENGINEERING**  
Consulting Engineers & Surveyors  
10415 S. STATE, 4TH FLOOR, SUITE 400, SANDY, UT 84070  
PHONE: (801) 871-8414 FAX: (801) 871-1449



#### CONSTRUCTION KEY NOTES

1. CONSTRUCT CURB RAMP PER SANTAQUIN CITY STD. DWG. SEE DETAIL CG2A SHEET C.301.
2. EXTEND STORM DRAIN PIPE AT EXISTING GRADE TO RELOCATED INLET
3. EXTEND WATER LINE TO RELOCATED F.H.
4. CONSTRUCT HIGHBACK CURB & GUTTER PER SANTAQUIN CITY STD. DWG. SEE DETAIL CG4 SHEET C.301.
5. CONSTRUCT CONCRETE SIDEWALK PER SANTAQUIN CITY STD. DWG. SEE DETAIL CG5 SHEET C.301.
6. INSTALL STOP SIGN PER SANTAQUIN CITY STD. DWG SEE DETAIL S7 SHEET C.301.



#### DISCLAIMER NOTE

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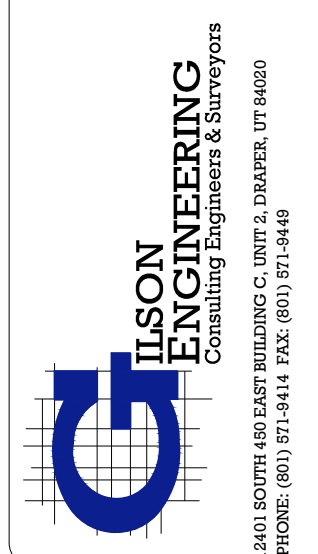
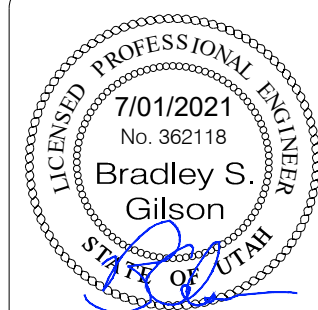


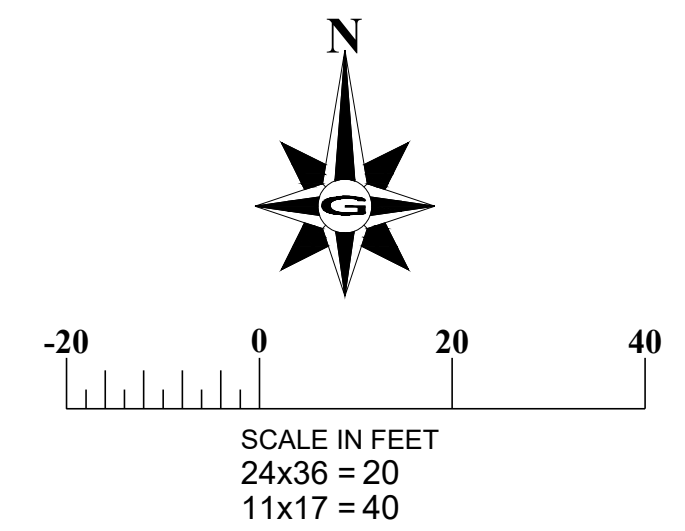
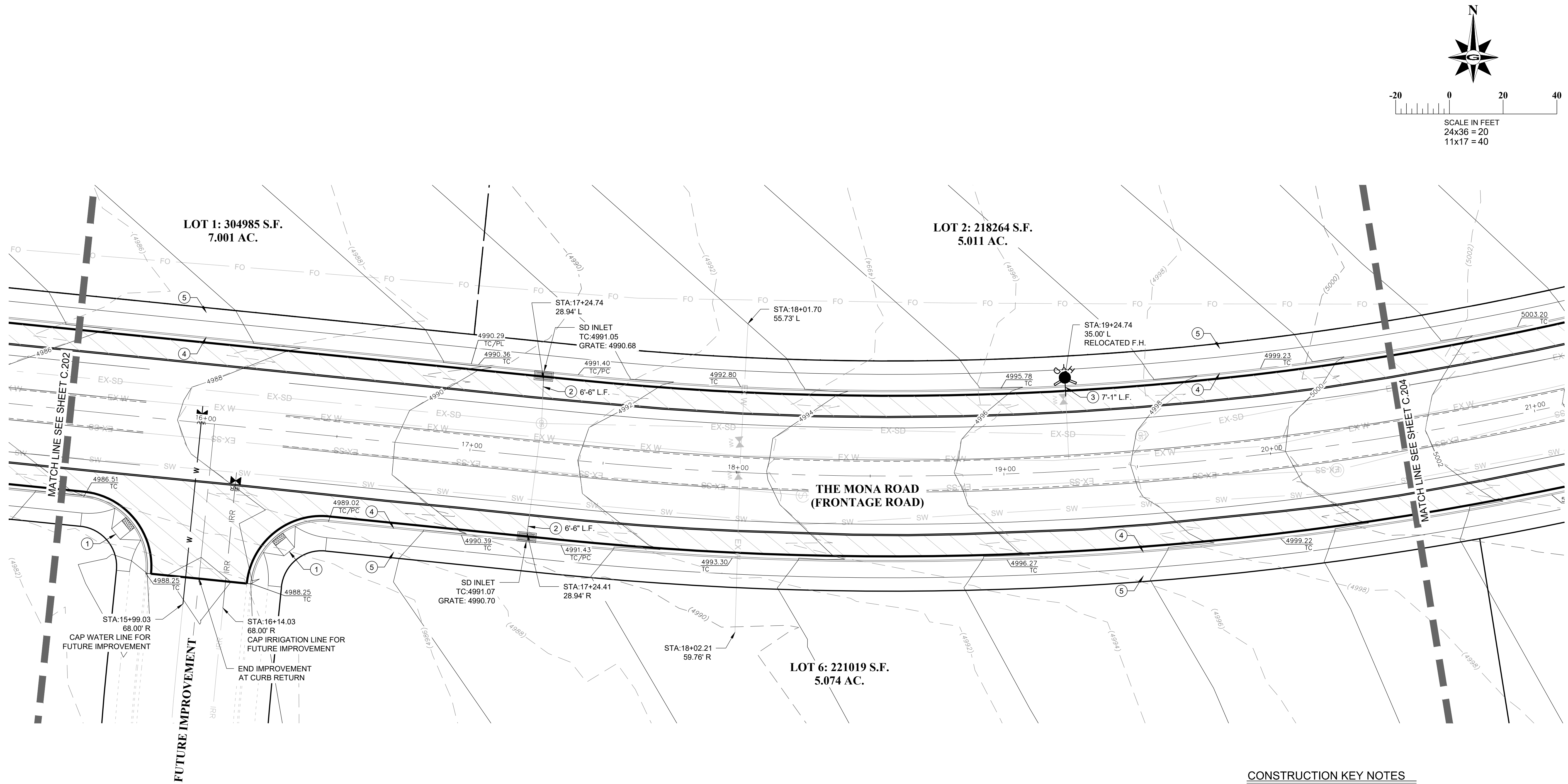
## UTILITIES & GRADING PLAN

LILJENQUIST  
SANTAQUIN - SUMMIT RIDGE PARCELS  
SANTAQUIN, UTAH 84655  
UTAH COUNTY, UTAH

REVISION: -  
PROJ. # **LIL.012**

**C.202**





**CONSTRUCTION KEY NOTES**

1. CONSTRUCT CURB RAMP PER SANTAQUIN CITY STD. DWG. SEE DETAIL CG2A SHEET C.301.
2. EXTEND STORM DRAIN PIPE AT EXISTING GRADE TO RELOCATED INLET
3. EXTEND WATER LINE TO RELOCATED F.H.
4. CONSTRUCT HIGHBACK CURB & GUTTER PER SANTAQUIN CITY STD. DWG. SEE DETAIL CG4 SHEET C.301.
5. CONSTRUCT CONCRETE SIDEWALK PER SANTAQUIN CITY STD. DWG. SEE DETAIL CG5 SHEET C.301.
6. INSTALL STOP SIGN PER SANTAQUIN CITY STD. DWG SEE DETAIL S7 SHEET C.301.



**DISCLAIMER NOTE**

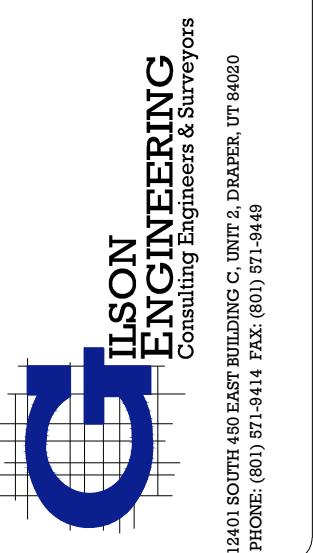
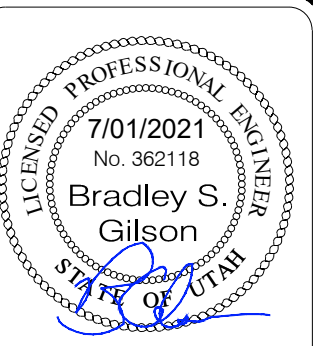
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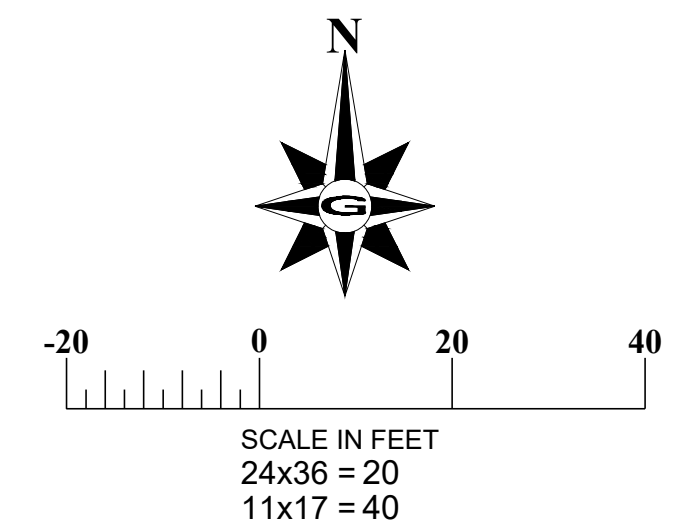
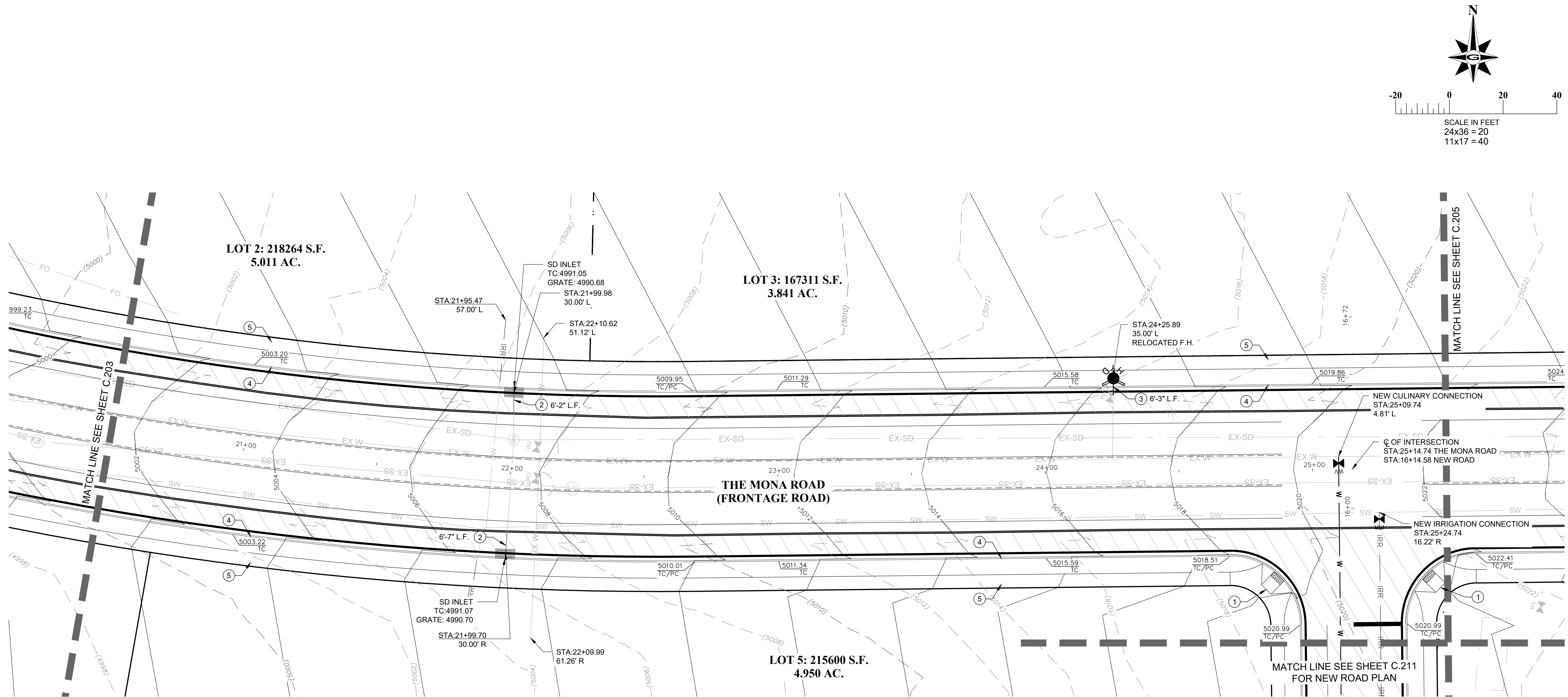


**UTILITIES & GRADING PLAN**

LILJENQUIST  
SANTAQUIN - SUMMIT RIDGE PARCELS  
SANTAQUIN, UTAH 84655  
UTAH COUNTY, UTAH

REVISION: -  
PROJ. # **LIL.012**  
**C.203**





#### CONSTRUCTION KEY NOTES

1. CONSTRUCT CURB RAMP PER SANTAQUIN CITY STD. DWG. SEE DETAIL CG2A SHEET C.301.
2. EXTEND STORM DRAIN PIPE AT EXISTING GRADE TO RELOCATED INLET
3. EXTEND WATER LINE TO RELOCATED F.H.
4. CONSTRUCT HIGHBACK CURB & GUTTER PER SANTAQUIN CITY STD. DWG. SEE DETAIL CG4 SHEET C.301.
5. CONSTRUCT CONCRETE SIDEWALK PER SANTAQUIN CITY STD. DWG. SEE DETAIL CG5 SHEET C.301.
6. INSTALL STOP SIGN PER SANTAQUIN CITY STD. DWG SEE DETAIL S7 SHEET C.301.



#### DISCLAIMER NOTE

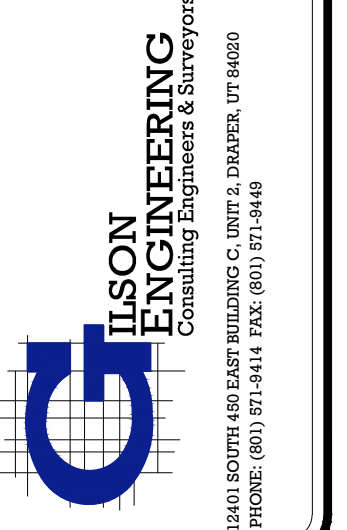
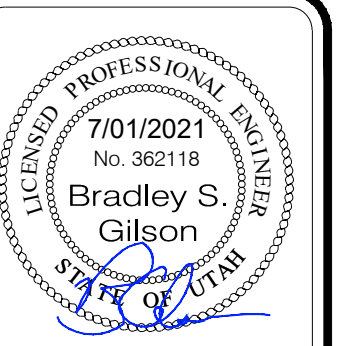
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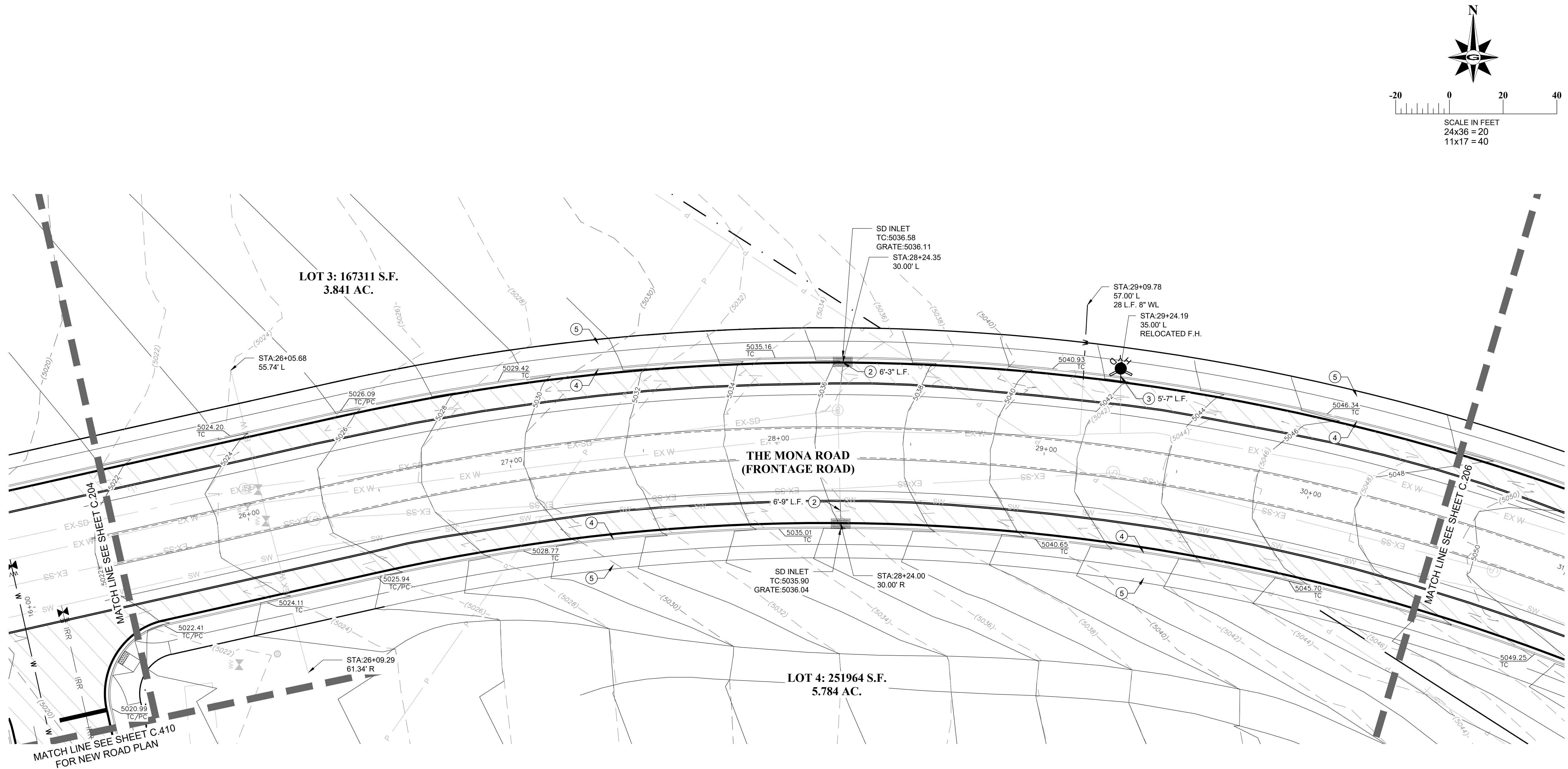


#### UTILITIES & GRADING PLAN

LILJENQUIEST  
SANTAQUIN - SUMMIT RIDGE PARCELS  
SANTAQUIN, UTAH 84655  
UTAH COUNTY, UTAH

REVISION: -  
PROJ. # **LIL.012**  
**C.204**





#### CONSTRUCTION KEY NOTES

1. CONSTRUCT CURB RAMP PER SANTAQUIN CITY STD. DWG. SEE DETAIL CG2A SHEET C.301.
2. EXTEND STORM DRAIN PIPE AT EXISTING GRADE TO RELOCATED INLET.
3. EXTEND WATER LINE TO RELOCATED F.H.
4. CONSTRUCT HIGHBACK CURB & GUTTER PER SANTAQUIN CITY STD. DWG. SEE DETAIL CG4 SHEET C.301.
5. CONSTRUCT CONCRETE SIDEWALK PER SANTAQUIN CITY STD. DWG. SEE DETAIL CG5 SHEET C.301.
6. INSTALL STOP SIGN PER SANTAQUIN CITY STD. DWG SEE DETAIL S7 SHEET C.301.



#### DISCLAIMER NOTE

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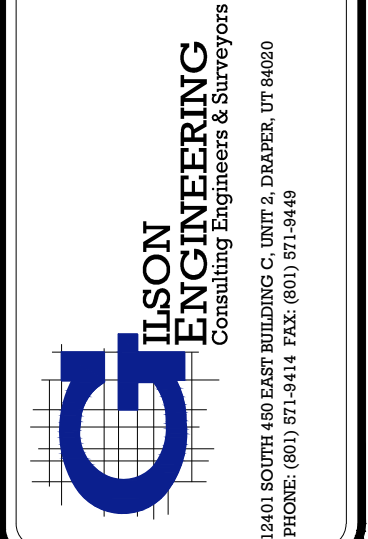
#### UTILITIES & GRADING PLAN

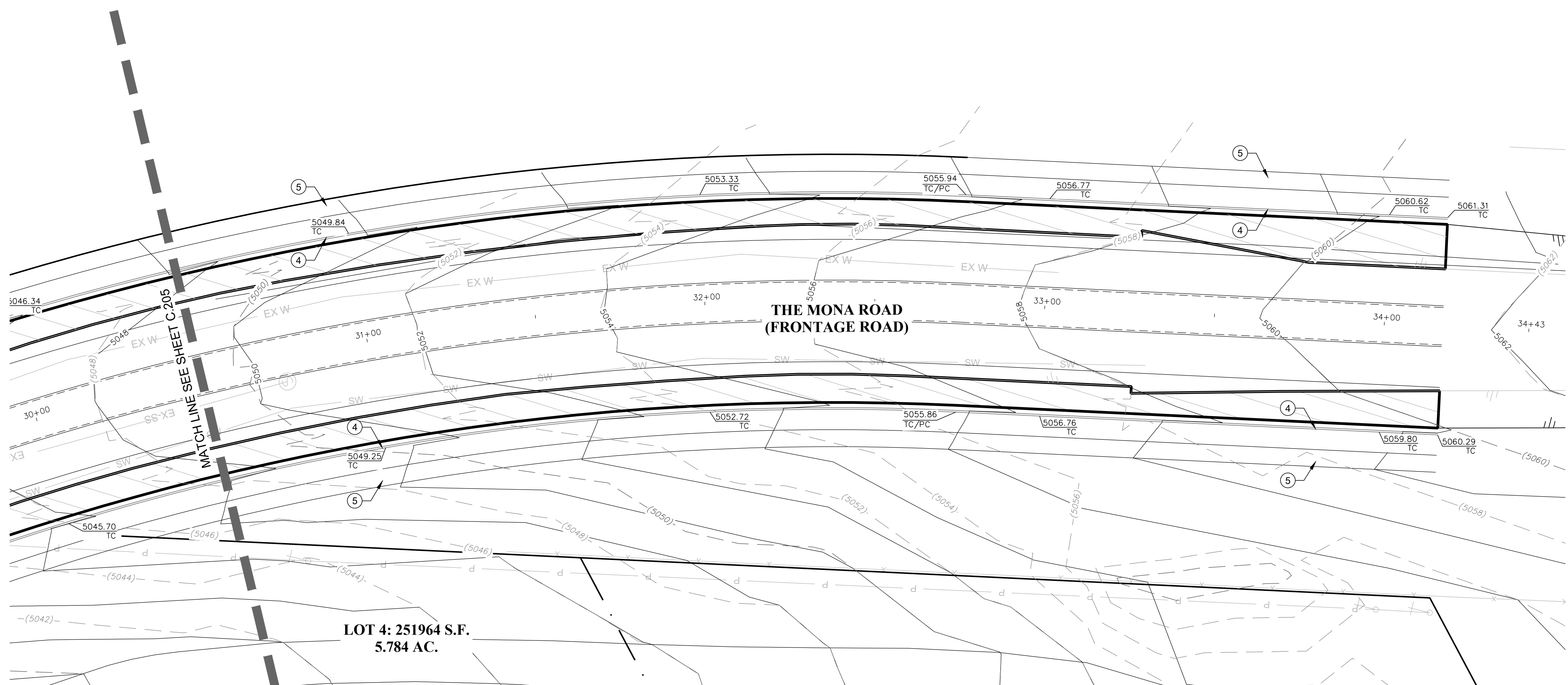
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SANTAQUIN - SUMMIT RIDGE PARCELS  
SANTAQUIN, UTAH 84655  
UTAH COUNTY, UTAH

REVISION: -

PROJ. # LIL.012

C.205





- CONSTRUCTION KEY NOTES**
- 1. CONSTRUCT CURB RAMP PER SANTAQUIN CITY STD. DWG. SEE DETAIL CG2A SHEET C.301.
  - 2. EXTEND STORM DRAIN PIPE AT EXISITNG GRADE TO RELOCATED INLET
  - 3. EXTEND WATER LINE TO RELOCATED F.H.
  - 4. CONSTRUCT HIGHBACK CURB & GUTTER PER SANTAQUIN CITY STD. DWG. SEE DETAIL CG4 SHEET C.301.
  - 5. CONSTRUCT CONCRETE SIDEWALK PER SANTAQUIN CITY STD. DWG. SEE DETAIL CG5 SHEET C.301.
  - 6. INSTALL STOP SIGN PER SANTAQUIN CITY STD. DWG SEE DETAIL S7 SHEET C.301.

 AREA OF NEW AC PAVEMENT

**DISCLAIMER NOTE**  
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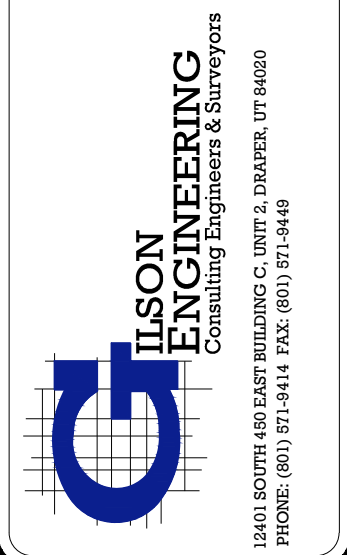
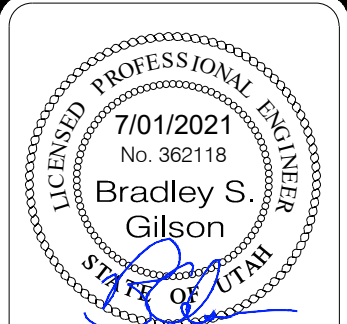


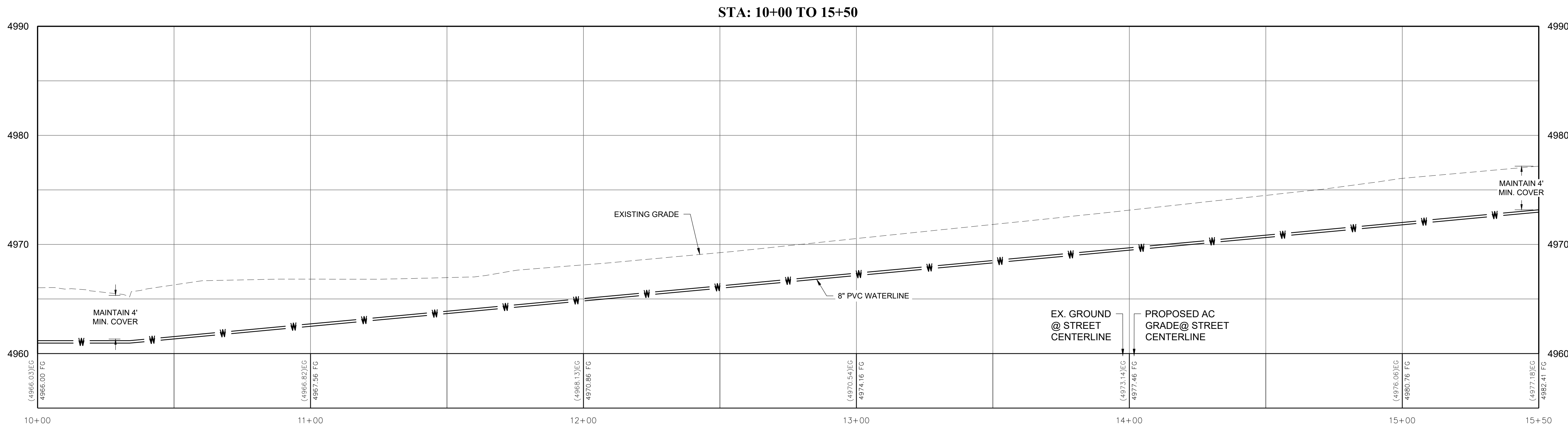
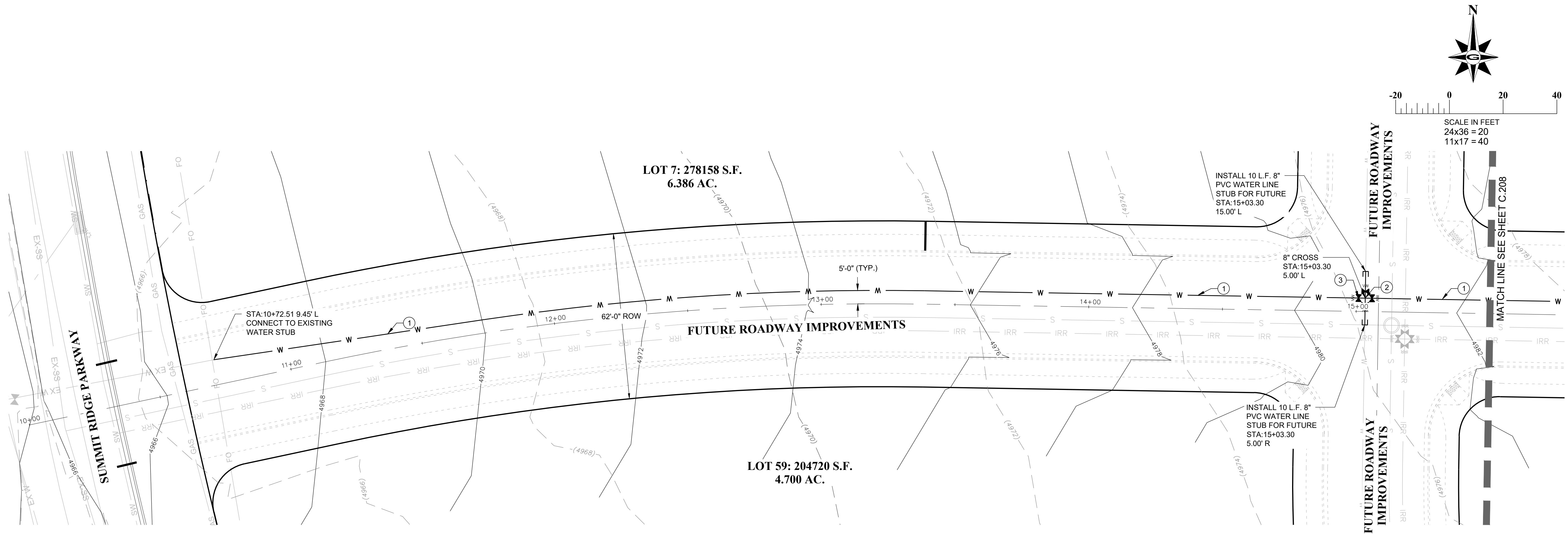
**PLAN & PROFILES STA:30+50 - 34+43**  
LILJENQUIEST  
SANTAQUIN - SUMMIT RIDGE PARCELS  
SANTAQUIN, UTAH 84655  
UTAH COUNTY, UTAH

REVISION: -  
PROJ. # **LIL.012**  
**C.206**

DATE	REVISIONS
JULY 2021	
DRAWING NAME	BY/COMMENTS
C-206 UTILITIES & GRADING PLAN	
DESIGNED/DRAWN BY:	
BG/BP	
CHECKED:	APPROVED:
---	---

1" SCALE MEASURES 1" ON PLOT SIZE SHEET  
ADJUST FOR HALF SIZE SHEETS





#### WATER CONSTRUCTION NOTES

1. INSTALL 8" WATER LINE IN TRENCH PER SANTAQUIN CITY STD. DWG UT3. SEE SHEET C.301. MAINTAIN 48" MIN. COVER.
2. INSTALL 8" CROSS WITH THRUST BLOCKS PER SANTAQUIN CITY STD. DWG UT4 SEE SHEET C.301.
3. INSTALL 8" GATE VALVE EACH LEG. EAST & WEST LEGS TO BE INSTALLED IN THE CLOSED POSITION FOR FUTURE IMPROVEMENTS.
4. INSTALL 8" TEE WITH 8" GATE VALVE EACH LEG. INSTALL GATE VALVE WEST LEG IN CLOSED POSITION FOR FUTURE IMPROVEMENTS.

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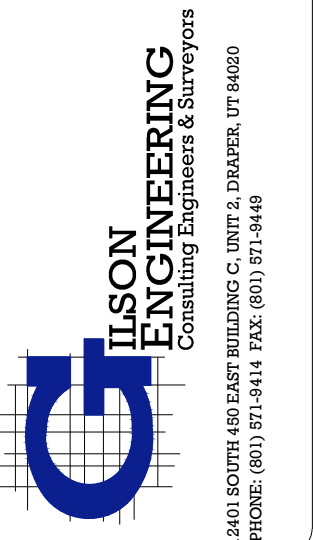
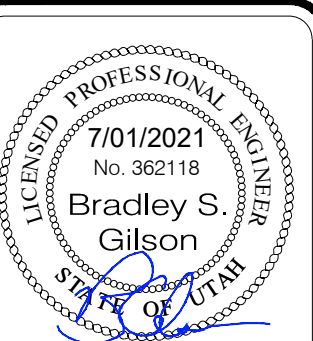
#### PLAN & PROFILES STA: 10+00 - 15+50

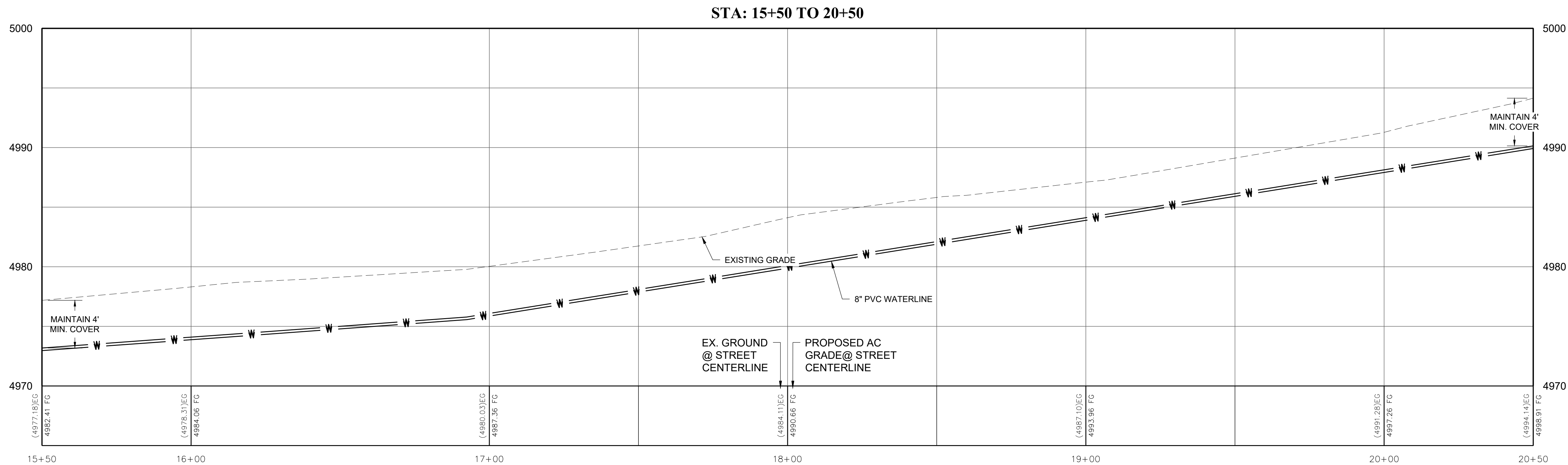
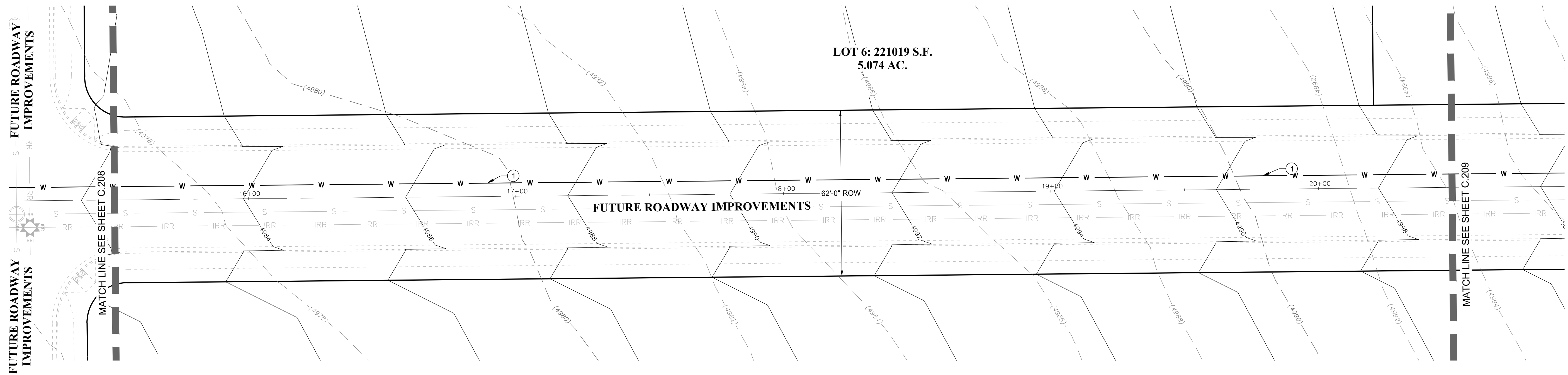
LILJENQUIST  
SANTAQUIN - SUMMIT RIDGE PARCELS  
SANTAQUIN, UTAH 84655  
UTAH COUNTY, UTAH

REVISION: -

PROJ. # LIL.012

C.207





WATER CONSTRUCTION NOTES

- 1 INSTALL 8" WATER LINE IN TRENCH PER SANTAQUIN CITY STD. DWG UT3. SEE SHEET C.301. MAINTAIN 48" MIN. COVER.
- 2 INSTALL 8" CROSS WITH THRUST BLOCKS PER SANTAQUIN CITY STD. DWG UT4 SEE SHEET C.301.
- 3 INSTALL 8" GATE VALVE EACH LEG. EAST & WEST LEGS TO BE INSTALLED IN THE CLOSED POSITION FOR FUTURE IMPROVEMENTS.
- 4 INSTALL 8" TEE WITH 8" GATE VALVE EACH LEG. INSTALL GATE VALVE WEST LEG IN CLOSED POSITION FOR FUTURE IMPROVEMENTS.

DISCLAIMER NOTE

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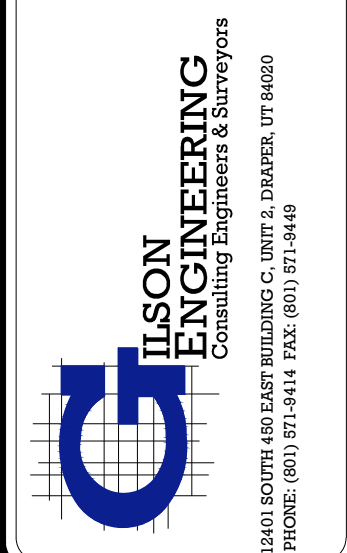
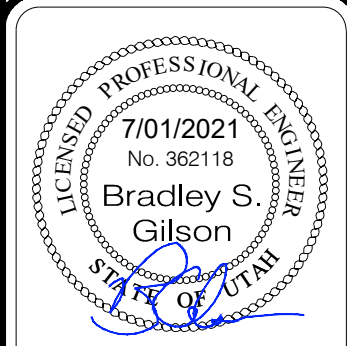


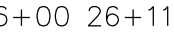
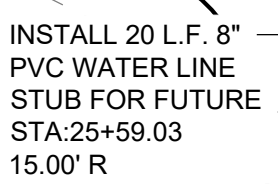
PLAN & PROFILES STA:15+50 - 20+50

LILJENQUIST  
SANTAQUIN - SUMMIT RIDGE PARCELS  
SANTAQUIN, UTAH 84655  
UTAH COUNTY, UTAH

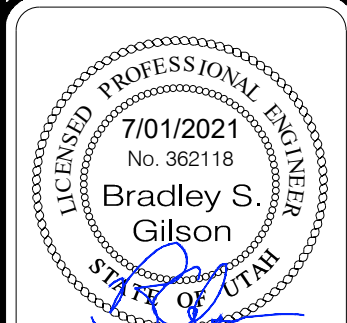
REVISION: -  
PROJ. # LIL.012

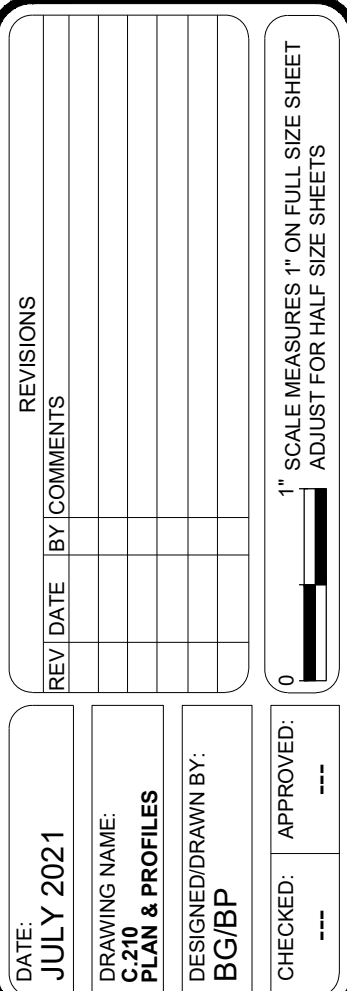
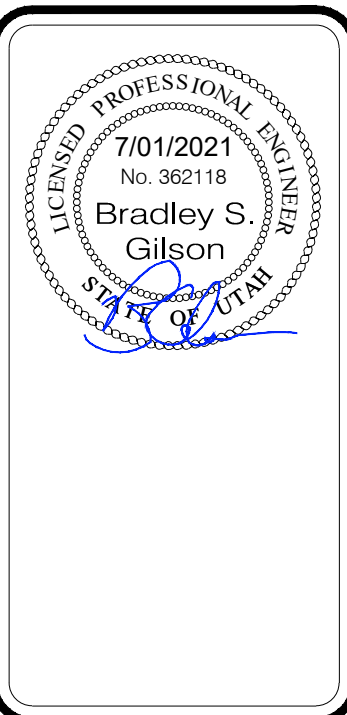
C.208





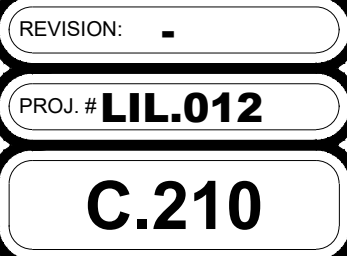
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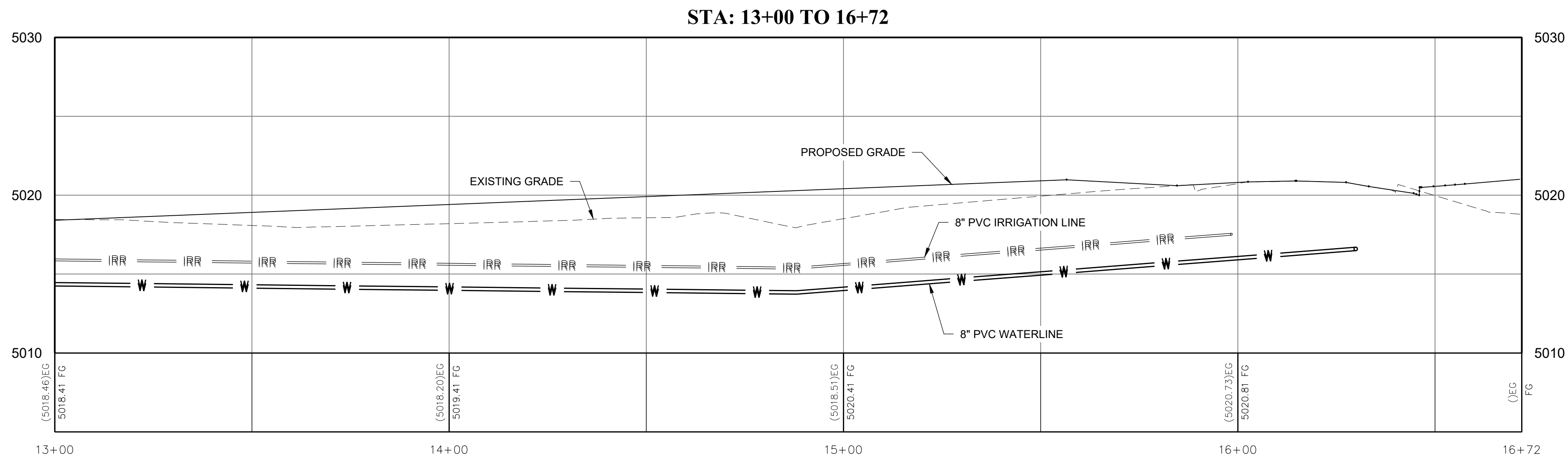
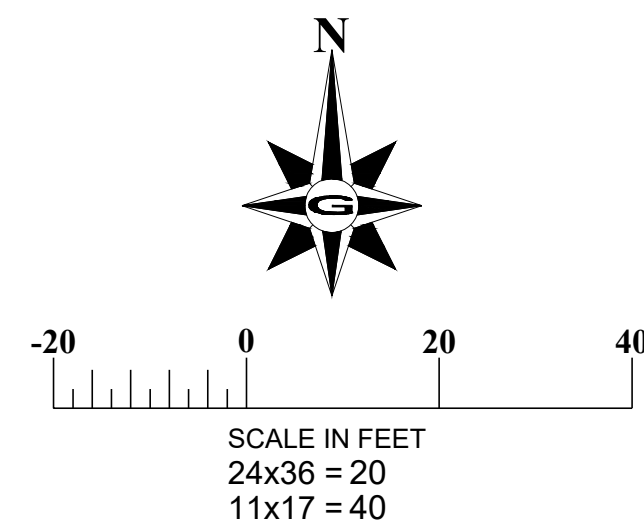
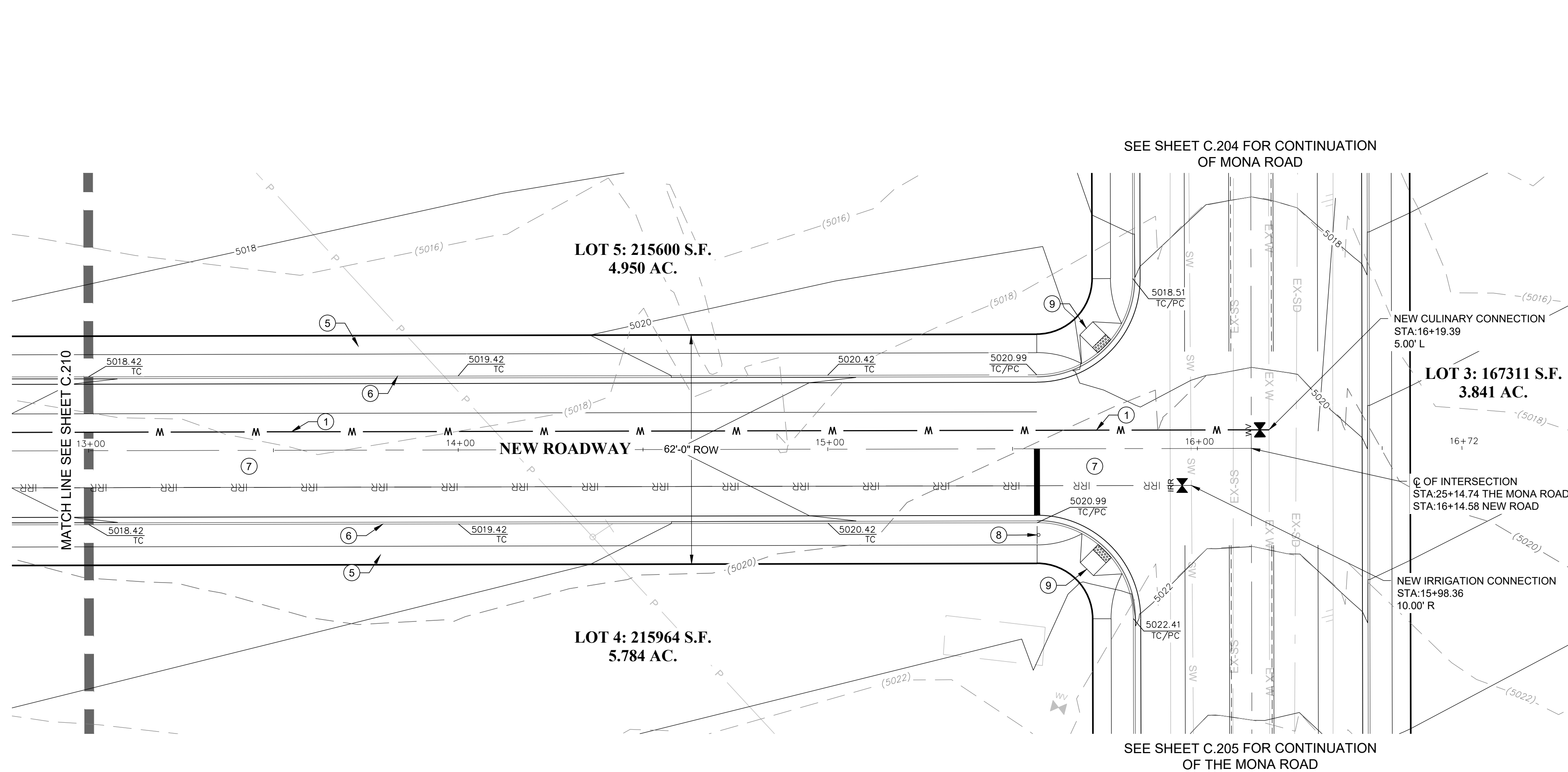




**PLAN & PROFILES STA:10+00 - 13+00**

- ## DISCLAIMER NOTE
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#### CONSTRUCTION KEY NOTES

- INSTALL 8" WATER LINE IN TRENCH PER SANTAQUIN CITY STD. DWG UT3. SEE SHEET C.301. MAINTAIN 48" MIN. COVER.
- INSTALL 8" CROSS WITH THRUST BLOCKS PER SANTAQUIN CITY STD. DWG UT4 SEE SHEET C.301.
- INSTALL 8" GATE VALVE EACH LEG. EAST & WEST LEGS TO BE INSTALLED IN THE CLOSED POSITION FOR FUTURE IMPROVEMENTS.
- INSTALL 8" TEE WITH 8" GATE VALVE EACH LEG. INSTALL GATE VALVE WEST LEG IN CLOSED POSITION FOR FUTURE IMPROVEMENTS.
- CONSTRUCT CONCRETE SIDEWALK PER SANTAQUIN CITY STD. DWG. SEE DETAIL CG5 SHEET C.301.
- CONSTRUCT HIGHBACK CURB & GUTTER PER SANTAQUIN CITY STD. DWG. SEE DETAIL CG4 SHEET C.301.
- CONSTRUCT 62' ROW ROADWAY IMPROVEMENTS PER SANTAQUIN CITY STD. DWG SEE DETAIL ST1 SHEET C.302.
- INSTALL STOP SIGN PER SANTAQUIN CITY STD. DWG SEE DETAIL ST7 SHEET C.301.
- CONSTRUCT CURB RAMP PER SANTAQUIN CITY STD. DWG. SEE DETAIL CG2A SHEET C.301.

#### DISCLAIMER NOTE

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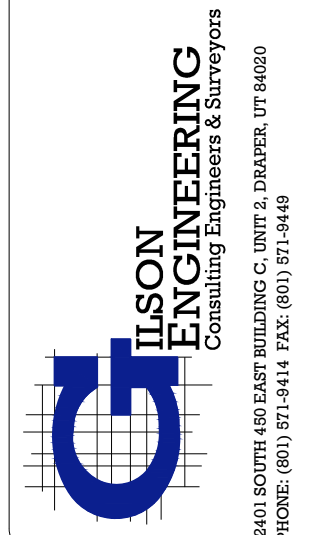
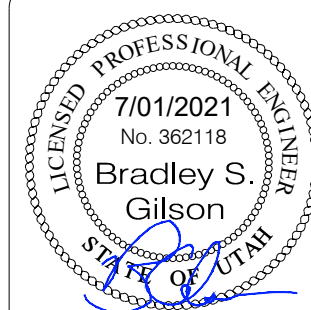
#### PLAN & PROFILES STA:13+00 - 16+72

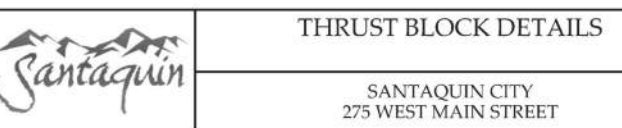
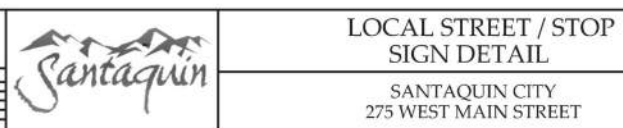
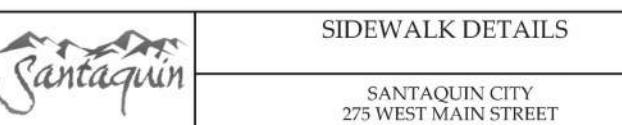
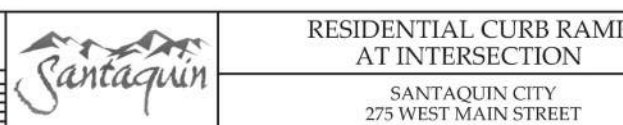
LILJENQUIST  
SANTAQUIN - SUMMIT RIDGE PARCELS  
SANTAQUIN, UTAH 84655  
UTAH COUNTY, UTAH

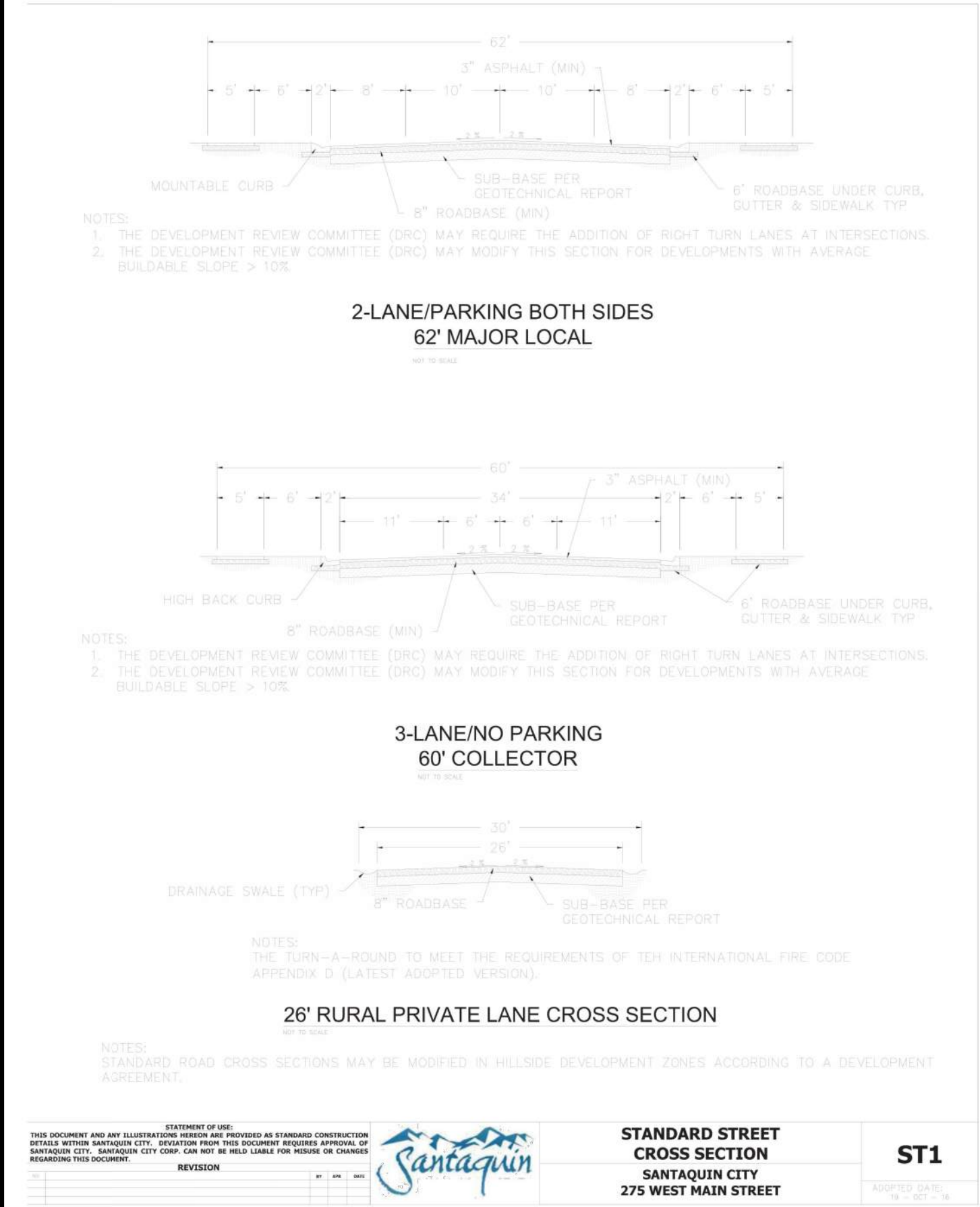
REVISION: -

PROJ. # LIL.012

C.211







**DETAILS**

LILJENQUIEST  
SANTAQUIN - SUMMIT RIDGE PARCELS  
SANTAQUIN, UTAH 84655  
UTAH COUNTY, UTAH

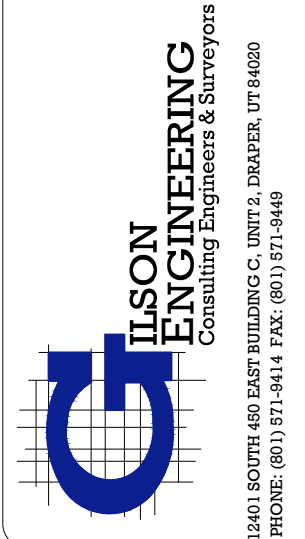
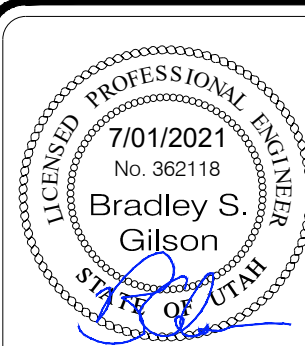
REVISION: -

PROJ. # **LIL.012**

**C.302**

DATE	REVISIONS
JULY 2021	
DRAWING NAME:	
C.302	
DETAILS	
DESIGNED/DRAWN BY:	
BG/BP	
CHECKED	APPROVED
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1" SCALE MEASURES 1" ON FULL SIZE SHEET  
ADJUST FOR HALF SIZE SHEETS



1. AT ALL TIMES DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREVENTING AND CONTROLLING EROSION DUE TO WIND AND RUNOFF. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR MAINTAINING THE EROSION CONTROL FACILITIES SHOWN ON THE PLAN.

2. CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING DRAINAGE AND EROSION CONTROL FACILITIES AS REQUIRED. STREETS SHALL BE KEPT CLEAN OF DEBRIS FROM TRAFFIC FROM THE SITE.

3. CONTRACTOR SHALL USE VEHICLE TRACKING CONTROL AT ALL LOCATIONS WHERE VEHICLES WILL ENTER OR EXIT THE SITE. CONTROL FACILITIES WILL BE MAINTAINED WHILE CONSTRUCTION IS IN PROGRESS, MOVED WHEN NECESSARY, AND REMOVED WHEN THE SITE IS PAVED.

4. INLET PROTECTION DEVICES SHALL BE INSTALLED IMMEDIATELY UPON INDIVIDUAL INLETS BECOMING FUNCTIONAL.

5. ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH STORM WATER POLLUTION PREVENTION SHALL OBTAIN A COPY OF THE STORM WATER MANAGEMENT PLAN AND THE STATE OF UTAH DISCHARGE PERMIT SYSTEM. GENERAL PERMIT FOR "STORM DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY" AND BECOME FAMILIAR WITH THEIR CONTENT.

6. ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING, ETC.) SHALL BE DISPOSED IN A MANNER THAT PREVENTS CONTACT WITH STORM WATER DISCHARGES FROM THE SITE.

7. FUGITIVE DUST AREAS SHALL BE CONTROLLED BY SPRAYING WATER ON THE DRY AREAS OF THE SITE. CONTRACTOR WILL SUPPLY THE CITY WITH A DUST CONTROL PLAN AT THE TIME OF THE PRE-CONSTRUCTION MEETING.

8. NO RUBBISH, TRASH, GARBAGE OR OTHER SUCH MATERIALS SHALL BE DISCHARGED INTO DRAINAGE DITCHES OR WATERS OF THE STATE.

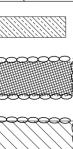
9. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.

10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION CONTROL MEASURES (SILT FENCES, STRAW BALES, ETC.) DUE TO GRADE CHANGES OR OTHER UNFORESEEN CONDITIONS DURING DEVELOPMENT OF THE PROJECT.

11. ALL INLETS WILL HAVE TEMPORARY INLET CONTROL.

12. TEMPORARY SANITATION FACILITIES REQUIRED.

13. CONTRACTOR TO COORDINATE WITH PUBLIC WORKS INSPECTOR ON ALL REQUESTS TO MODIFY OR MAKE CHANGES TO SWPPP/EROSION CONTROL PLAN.



- BMP SILT FENCE/STRAW BALE BARRIER
- BMP INSPECTION AND MAINTENANCE, BMP STABILIZED CONSTRUCTION ENTRANCE AND WASH AREA
- TOPSOIL STOCKPILE AREA (OR AS DIRECTED BY OWNER)  
BMP EARTH BERM BARRIER
- BMP MATERIALS STORAGE, BMP VEHICLE AND EQUIPMENT FUELING, BMP CONCRETE WASTE MANAGEMENT, BMP PORTABLE TOILETS, BMP EARTH BERM BARRIER
- BMP DUST CONTROLS, BMP GRADING PRACTICES, BMP CONTAMINATED OR ERODIBLE SURFACE AREAS, REPOSITORY STOCKPILE AREA (OR AS DIRECTED BY OWNER), BMP EARTH BERM BARRIER
- BMP INLET PROTECTION

1 - ALL PROPOSED AND EXISTING INLETS ARE TO BE PROTECTED. SEE BMP INLET PROTECTION  
ER.102, BMP CATCH BASIN CLEANING, BMP INSPECTION AND MAINTENANCE FOR INLET  
PROTECTION DETAILS.

2 - EXISTING GROUND COVER = 50% SEE BMP PRESERVATION OF EXISTING VEGETATION

### 3 - SEQUENCE OF CONSTRUCTION

## PHASE I

1. INSTALL STABILIZED CONSTRUCTION ENTRANCES.
2. CONSTRUCT SILT FENCES ON THE SITE.
3. CONSTRUCT SEDIMENTATION PONDS WHERE NEEDED PER DISCRETION OF CONTRACTOR.  
SIZE TO BE DETERMINED BY ENGINEER.
4. HALT ALL ACTIVITIES AND CONTACT CIVIL ENGINEERING CONSULTANT TO PERFORM INSPECTION OF BMP'S. GENERAL CONTRACTOR SHALL SCHEDULE AND CONDUCT STORM WATER PRE-CONSTRUCTION MEETING WITH ENGINEER AND ALL AROUND DISTURBING AREAS 72 HOURS BEFORE PRECEDING WITH CONSTRUCTION.
5. PREPARE TEMPORARY PARKING AND STORAGE AREAS.
6. START CONSTRUCTION OF BUILDING PAD AND STRUCTURES. STORM DRAIN WATER DURING CONSTRUCTION WILL BE LOCATED IN RETENTION POND.
7. BEGIN GRADING THE SITE.

## PHASE II

1. MAINTAIN SILT FENCE, INLET PROTECTION AND STABILIZED CONSTRUCTION EXITS INSTALLED DURING PHASE #1.
2. COMPLETE PERMANENT DETENTION POND CONSTRUCTION.
3. BEGIN CONSTRUCTION OF UNDERGROUND UTILITIES.
4. INSTALL INLET PROTECTION AT NEW STORM DRAIN INLETS, AS INSTALLED.
5. INSTALL PERMANENT VEGETATION AND PLANT MATERIALS.
6. REMOVE ALL TEMPORARY EROSION & SEDIMENTATION CONTROL DEVICES (ONLY AFTER FINAL STABILIZATION HAS BEEN ACHIEVED).

4 - DETAILS AND BMP'S ON DRAWINGS ER.102 ARE INCORPORATED INTO THIS PLAN BY REFERENCE.

1. CONTRACTOR SHOULD PERFORM EARTHWORK IN ACCORDANCE WITH CITY LAND DISTURBANCE ORDINANCE, THE CITY STANDARD SPECIFICATIONS, CITY LAND DISTURBANCE DESIGN AND CONSTRUCTION STANDARDS, EROSION, SEDIMENT, REVEGETATION REQUIREMENTS, AND THE DUST CONTROL PLANS REQUIRED BY THE STATE OF UTAH, DEPARTMENT OF ENVIRONMENTAL QUALITY, DIVISION OF AIR QUALITY.

2. THE SEQUENCE OF CONSTRUCTION IS TO BE FOLLOWED.

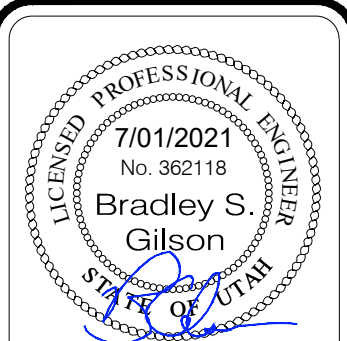
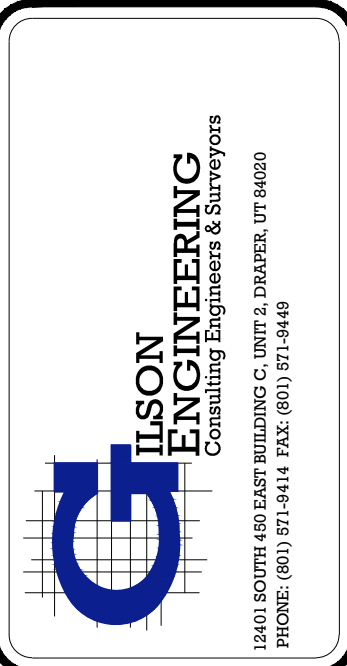
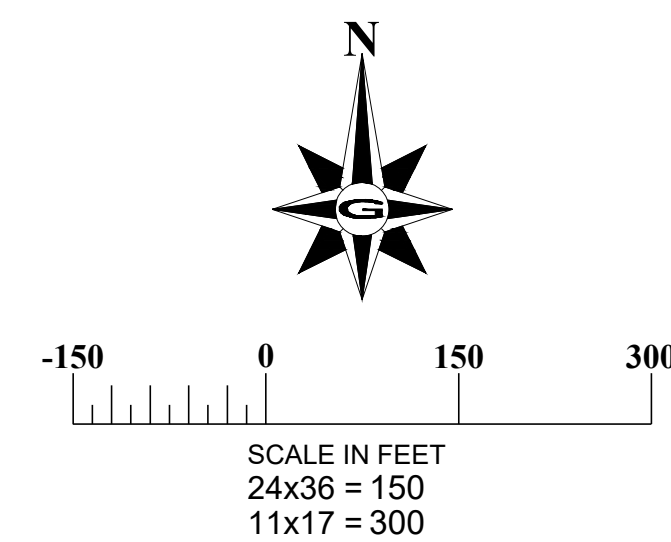
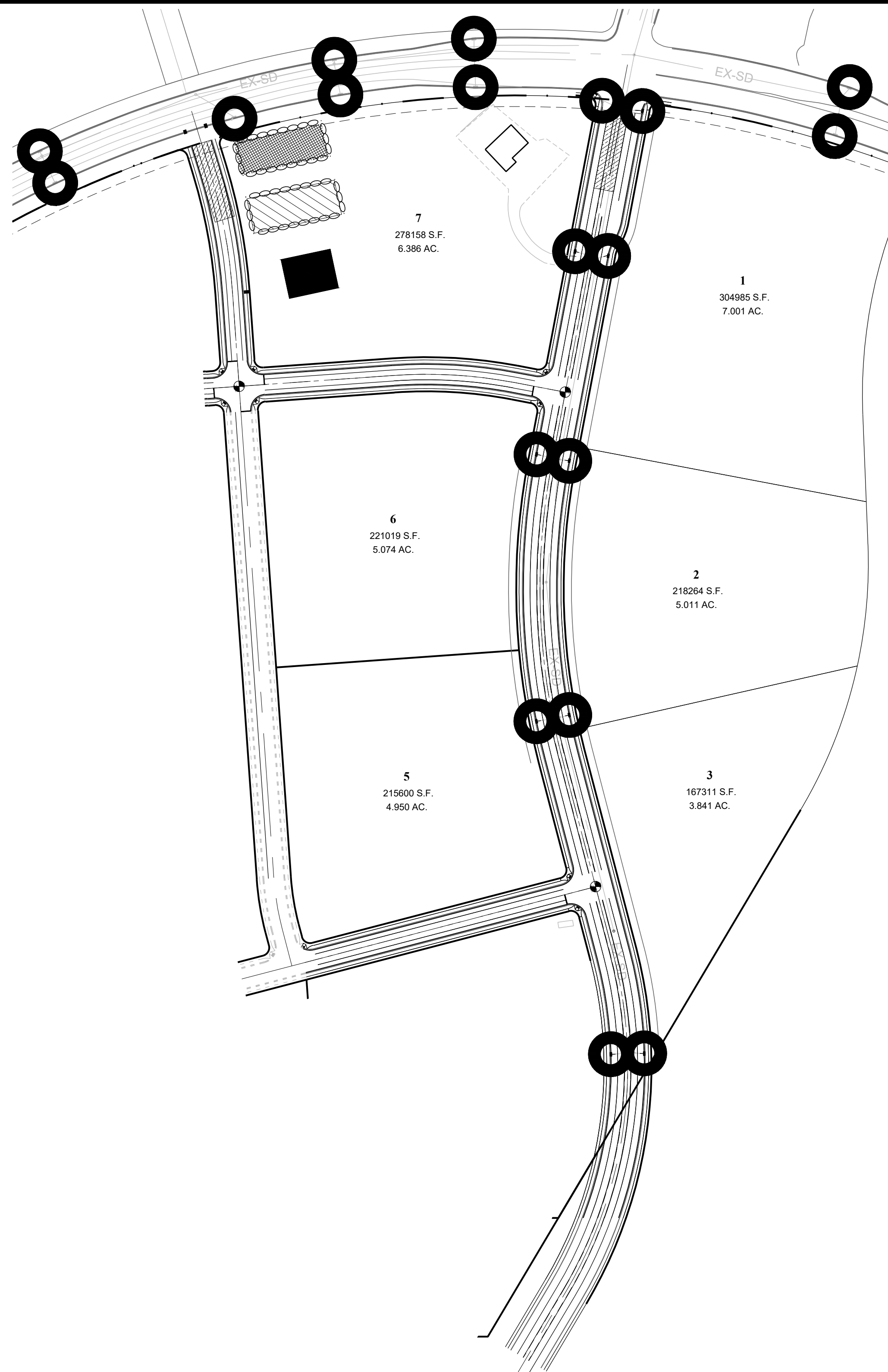
3. SEDIMENTATION BMPs SHOWN ON THE EROSION CONTROL AND SEDIMENT CONTROL PLANS TO BE INSTALLED WITHIN THE SAME WORKING DAY THE LAND DISTURBANCE OCCURS.

4. DUST CONTROL BMPs ARE TO BE ON SITE AND IMPLEMENTED AS SOON AS LAND DISTURBANCE OCCURS. THE DUST CONTROL AS REQUIRED BY THE STATE OF UTAH AIR QUALITY PLAN IS TO BE SUBMITTED WITH THE GRADING PLAN. THE DEVELOPER IS RESPONSIBLE FOR CONTROLLING THE DUST PRODUCED AT HIS PROJECT AND SHALL PROVIDE THE NECESSARY MITIGATION TO KEEP THE DUST TO THE ACCEPTABLE LIMITS IDENTIFIED IN THE AIR QUALITY PERMIT OBTAINED FOR THE STATE OF UTAH. DEPARTMENT OF ENVIRONMENTAL QUALITY, AND DIVISION OF AIR QUALITY.

5. ALL AREAS TO BE REVEGETATED ARE TO RECEIVE REVEGETATION BMPS WITHIN 21 DAYS OF DISTURBANCE.

6. IF THE EXISTING GRADE IS DIFFERENT FROM WHAT IS SHOWN ON THIS GRADING PLAN, STOP WORK AND CONTACT CITY, ENGINEERING DEPARTMENT. WORK IS TO REMAIN STOPPED UNTIL THE CITY ENGINEERING DEPARTMENT PROVIDES A WRITTEN NOTICE TO RESUME WORK.

7. THE PROJECT OWNER IS RESPONSIBLE FOR MAINTAINING THE STREETS, STORM DRAINS, AND CHANNELS, DITCHES AND SWALES FREE FROM DEBRIS, SOIL, MUD, OR OTHER MATERIAL THAT WOULD CAUSE A PUBLIC SAFETY CONCERN, VIOLATE THE CITY UPDES PERMIT, STATE OR FEDERAL LAWS, OR PREVENT THE FACILITY FROM OPERATING.



DATE: JULY 2021		DRAWING NAME: ER-101		EROSION CONTROL		DESIGNED/DRAWN BY: BG/BBP		CHECKED: <div><div></div></div>		APPROVED: <div><div></div></div>		1" SCALE MEASURES 1" ON FULL SIZE SHEET ADJUST FOR HALF SIZE SHEETS	
REV		DATE		BY		COMMENTS		REVISIONS					

**EROSION CONTROL**  
LILJENQUIST  
SANTAQUIN - SUMMIT RIDGE PARCELS  
SANTAQUIN, UTAH 84655  
UTAH COUNTY, UTAH

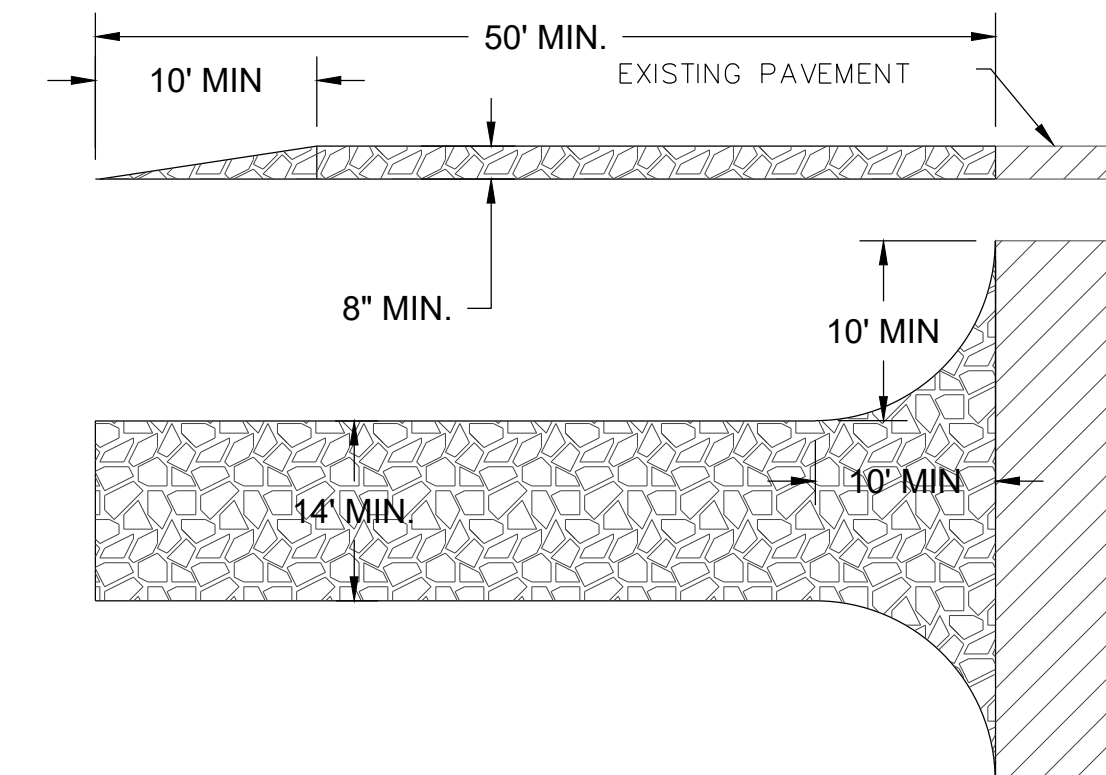
REVISION:

PROJ. # **LIL.012**

ER.101

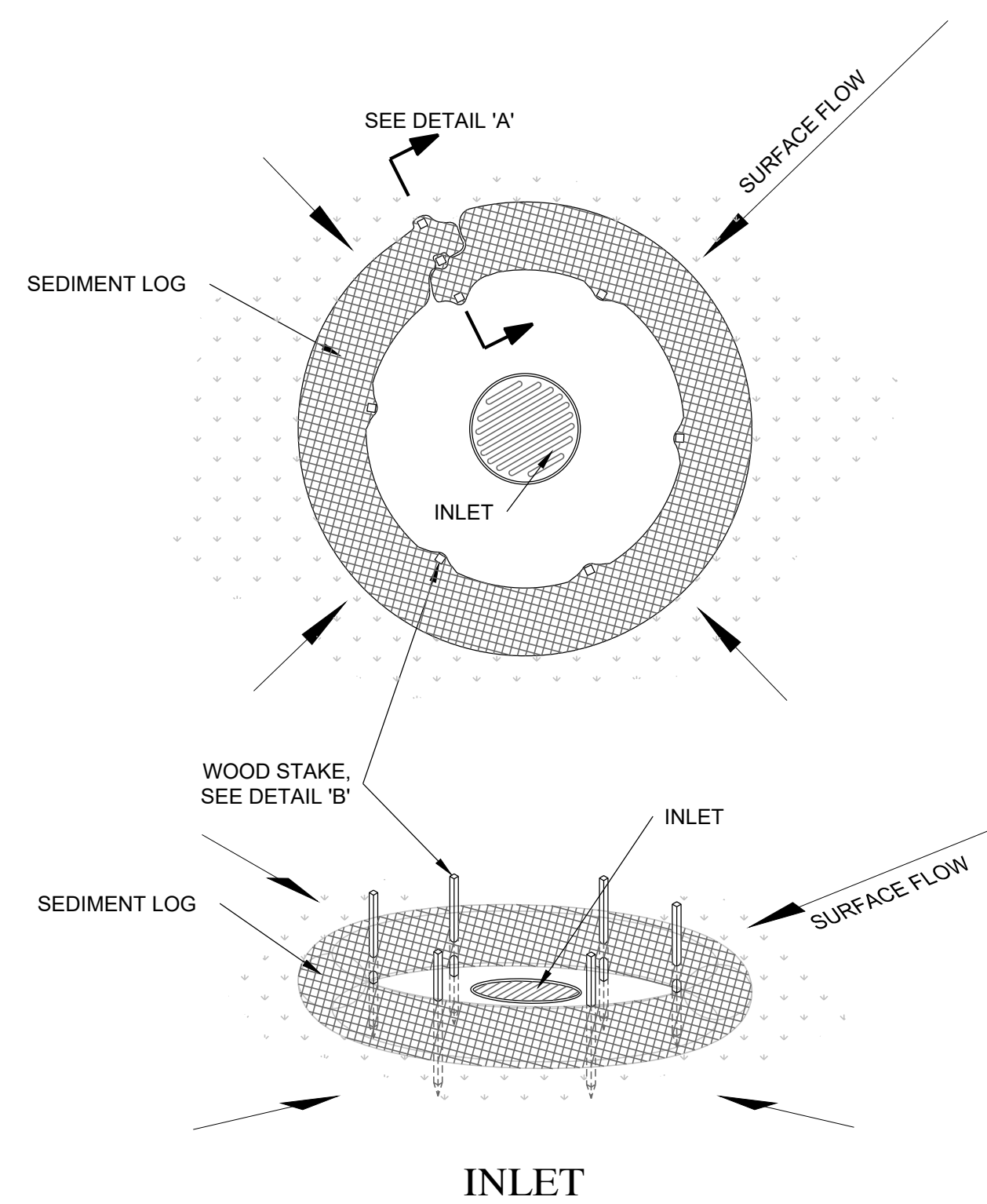
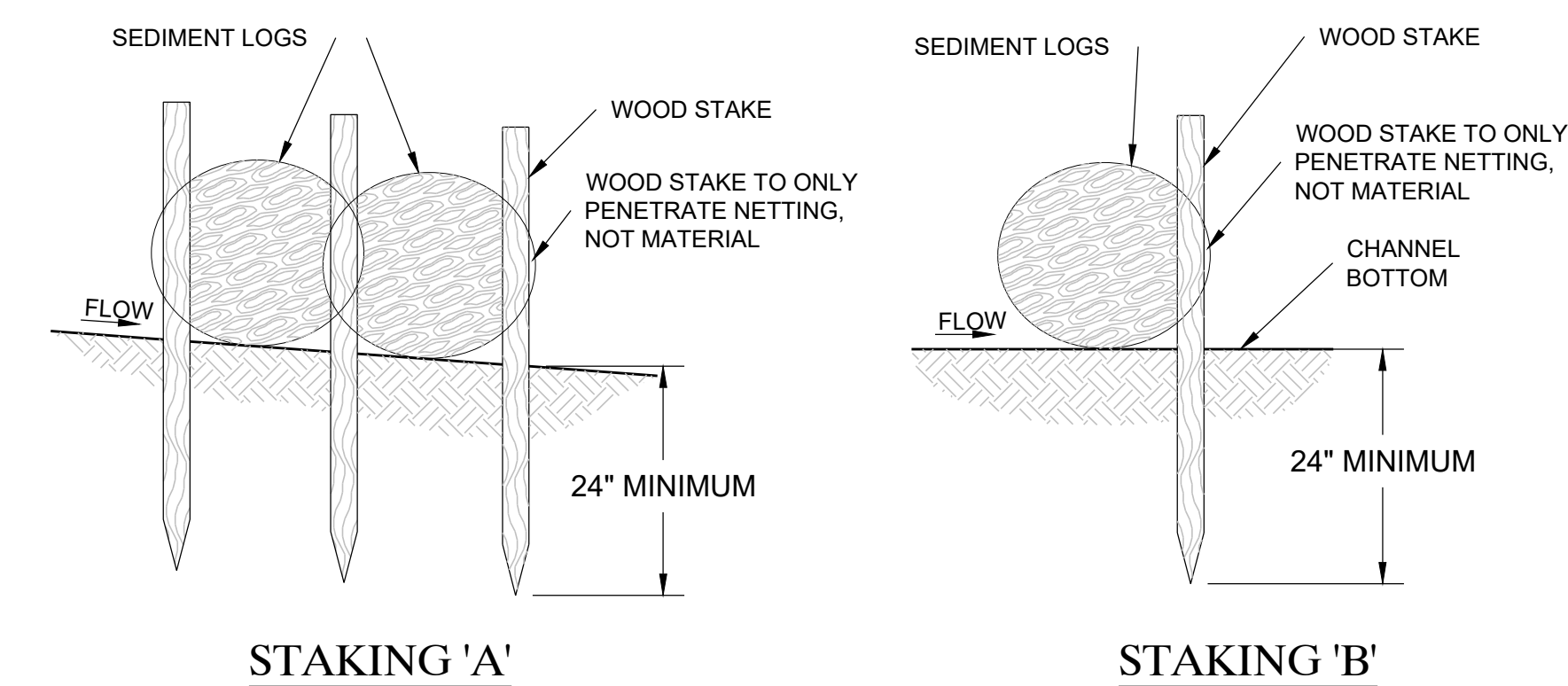
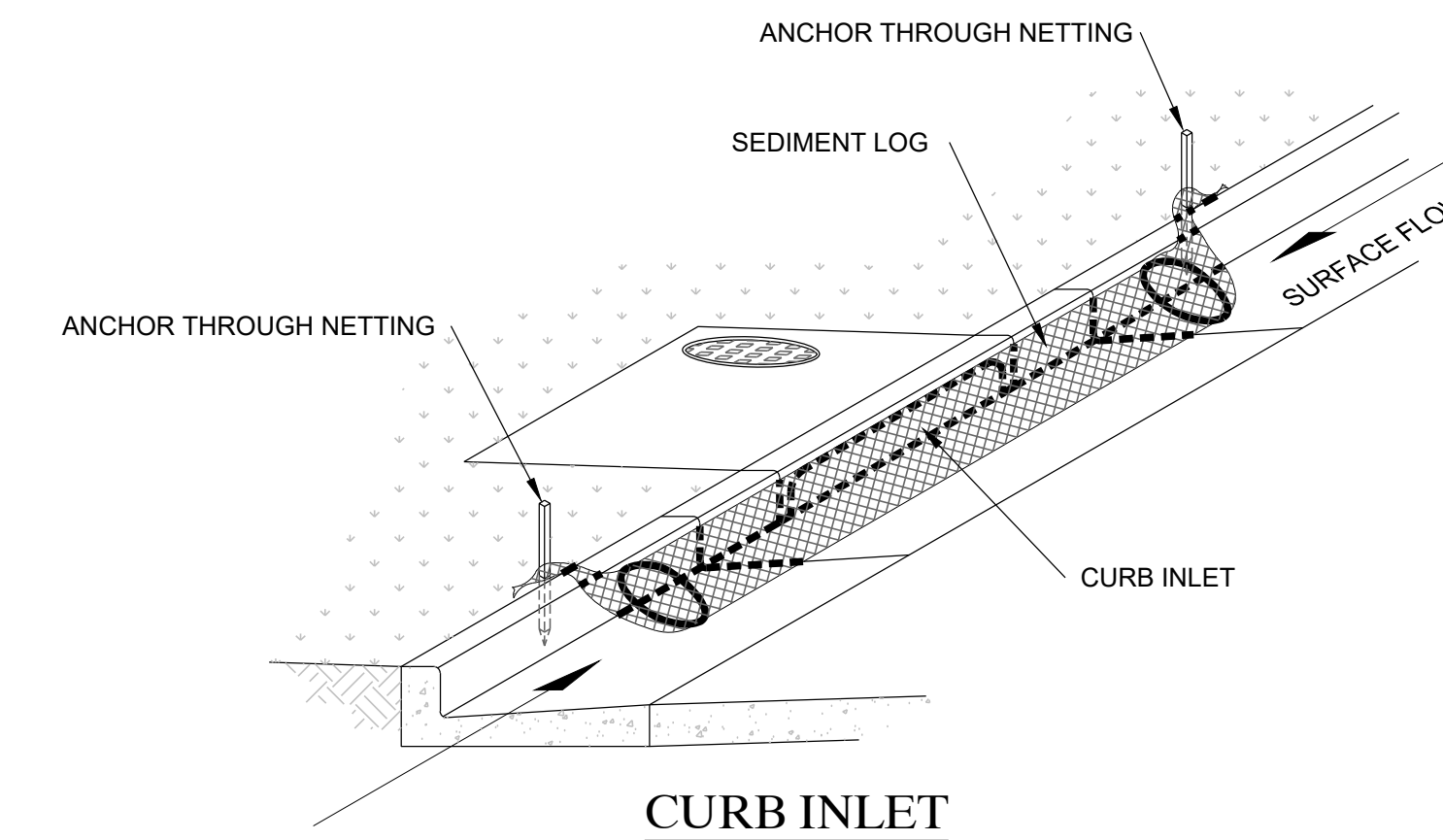


1. THE HEIGHT OF A SILT FENCE SHALL NOT EXCEED 36 INCHES (90 CM).
2. THE FILTER FABRIC SHALL BE PURCHASED IN A CONTINUOUS ROLL CUT TO THE LENGTH OF THE BARRIER TO AVOID THE USE OF JOINTS.
3. POSTS SHALL BE SPACED A MAXIMUM OF 10 FEET (3 M) APART AT THE BARRIER LOCATION AND DRIVEN SECURELY INTO THE GROUND A MINIMUM OF 12 INCHES (30 CM). WHEN EXTRA STRENGTH FABRIC IS USED WITHOUT THE WIRE SUPPORT FENCE, POST SPACING SHALL NOT EXCEED 6 FEET (1.8 M).
4. A TRENCH SHALL BE EXCAVATED APPROXIMATELY 4 INCHES (10 CM) WIDE AND 4 INCHES (10 CM) DEEP ALONG THE LINE OF POSTS AND UPSLOPE FROM THE BARRIER.
5. WHEN STANDARD STRENGTH FILTER FABRIC IS USED, A WIRE MESH SUPPORT FENCE SHALL BE FASTENED SECURELY TO THE UPSLOPE SIDE OF THE POSTS USING HEAVY DUTY WIRE STAPLES AT LEAST 1 INCH (25 MM) LONG, THE WIRES, OR HOG RINGS. THE WIRE SHALL EXTEND INTO THE TRENCH A MINIMUM OF 2 INCHES (5 CM) AND SHALL NOT EXTEND MORE THAN 36 INCHES (90 CM) ABOVE THE ORIGINAL GROUND SURFACE.
6. THE STANDARD STRENGTH FILTER FABRIC SHALL BE STAPLED OR WIRED TO THE FENCE, AND 8 INCHES (20 CM) OF THE FABRIC SHALL BE EXTENDED INTO THE TRENCH. THE FABRIC SHALL NOT EXTEND MORE THAN 36 INCHES (90 CM) ABOVE THE ORIGINAL GROUND SURFACE.
7. THE TRENCH SHALL BE BACK FILLED AND THE SOIL COMPACTED OVER THE FILTER FABRIC.
8. INSTALL PER MANUFACTURER'S SPECIFICATIONS



1. STONE SIZE-- USE 4"-6" STONE OR RECLAIMED CONCRETE EQUIVALENT.
2. LENGTH-- AS REQUIRED, BUT NOT LESS THAN 50 FEET.
3. THICKNESS-- NOT LESS THAN EIGHT INCHES.
4. WIDTH-- TEN FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OF EGRESS OCCURS.
5. SURFACE WATER-- ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SIDE SLOPES WILL BE PERMITTED.
6. MAINTENANCE-- THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT INTO THE PUBLIC R.O.W. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANSOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC R.O.W.'S MUST BE REMOVED IMMEDIATELY.
7. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVED AFTER EACH RAINFALL.
8. GEOTEXTILE UNDERLINER WILL BE INSTALLED UNDER STONE.

## SCALE: N.T.



SCALE: N.T.S.