

TOWN OF GARDEN CITY

150 SOUTH STREET BEACH ACCESS PARKING

GARDEN CITY, UTAH

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PROJECT NO. 57-14-017:003

February 20, 2015

BID SET



Engineers • Surveyors • Planners



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LANGDON
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GATEWAY
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OTHER J-U-B COMPANIES

1047 South 100 West, Suite 180, Logan, UT 84321

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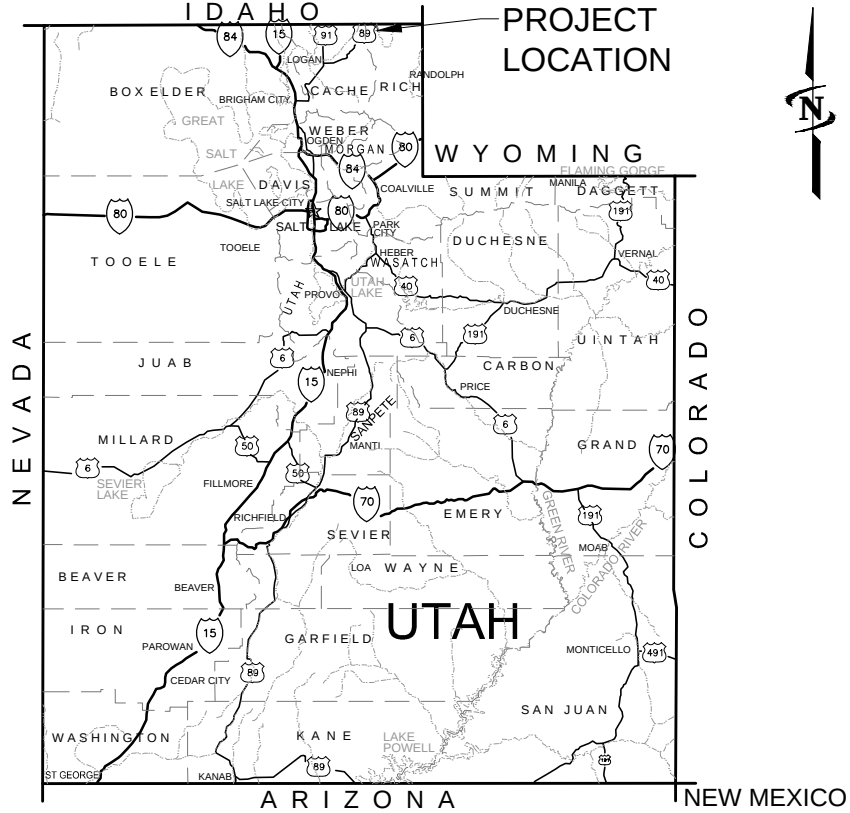
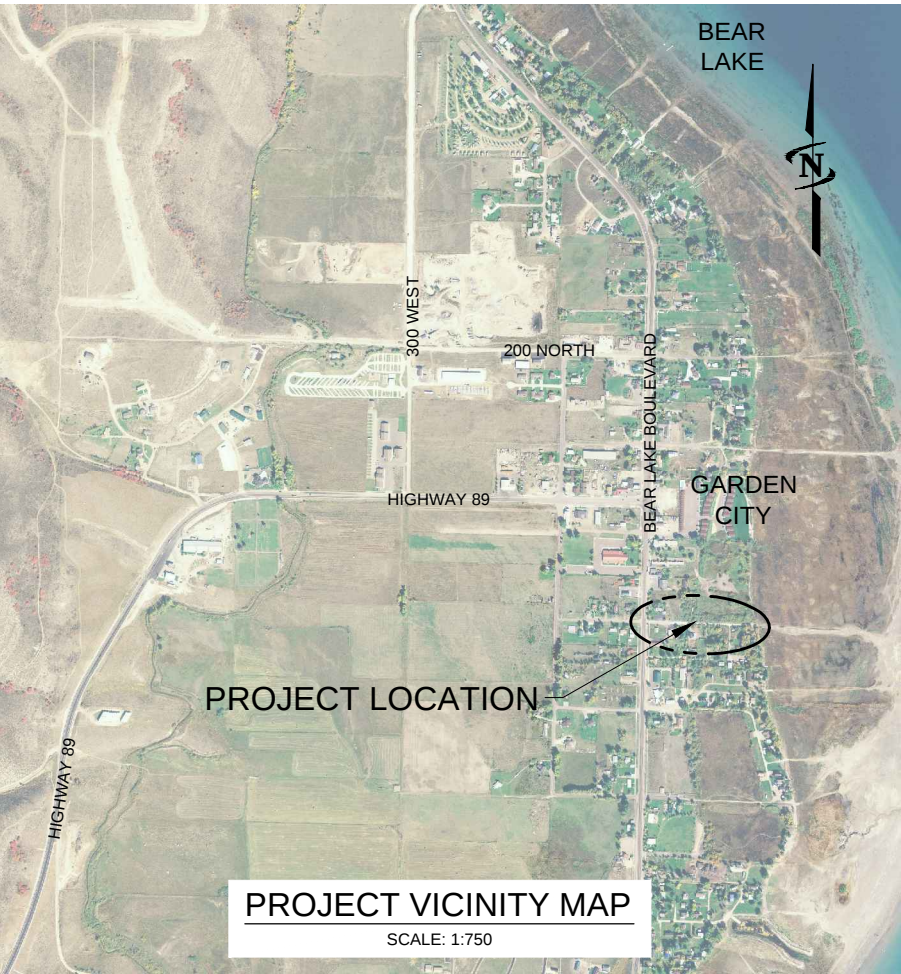
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SHEET NUMBER:

G-001

Plot Date: 2/19/2015 3:35 PM, Plotted By: Erick Christensen, JUB COMPANY PUBLIC PROJECTS, GARDEN CITY 57-14-017, GARDEN CITY 2014 GENERAL SERVICES 003, PARKING LOT'S 150 SOUTH PARKING LOT CAD SHEET 57-14-017-003, G-001X-150S.DWG





J-U-B ENGINEERS, INC.
1047 South 100 West,
Suite 180
Logan, UT 84321
Phone: 435.713.9514
Fax: 435.713.9503
www.jub.com

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REVISION	
NO.	DESCRIPTION

NO.	DESCRIPTION	BY	DATE

**150 SOUTH STREET BEACH ACCESS PARKING
TOWN OF GARDEN CITY**

VICINITY MAP AND PROJECT LOCATION MAP

FILE: 57-14-017-003 G-001X-150S
JUB PROJ. #: 57-14-017-003
DRAWN BY: ELC
DESIGN BY: ZPM/ELC
CHECKED BY: ZPM
AT FULL SIZE, IF NOT ONE
INCH SCALE ACCORDINGLY
LAST UPDATED: 2/4/2015
SHEET NUMBER:
G-002

Plot Date: 2/20/2015 12:15 PM Printed By: Erik Christiansen
Date Created: 2/19/2015 U:\CGA\PUBLIC\PROJECTS\JUB\GARDEN CITY\57-14-017 GARDEN CITY 2014 GENERAL SERVICES\003 PARKING LOT'S\08 SOUTH PARKING LOT CAD\SHEET\57-14-017-003 G-001X-1505.DWG

GENERAL PROJECT NOTES

1. GENERAL:

- A. THE GENERAL NOTES AND SPECIFICATIONS SUPPLEMENT THE PROJECT WRITTEN TECHNICAL SPECIFICATIONS AND THE PROJECT DRAWINGS.
- B. THE CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION BRACING, TEMPORARY SHORING, AND OTHER SITE SAFETY CONTROLS REQUIRED DURING CONSTRUCTION IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS, TO ENSURE THE STABILITY AND SAFETY OF ALL CONSTRUCTION UNTIL IT IS COMPLETED.
- C. DETAILS ON THESE PLANS ARE INTENDED TO DEPICT THE GENERAL CONSTRUCTION DETAILS AND METHODS FOR THIS PROJECT. DETAILS AND CONDITIONS NOT SPECIFICALLY SHOWN THAT ARE SIMILAR IN NATURE TO THOSE THAT ARE SPECIFIED SHALL BE ASSUMED ONE AND THE SAME. IF QUESTIONS REGARDING THE APPLICATION OF DETAILS ARE ENCOUNTERED, NOTIFY THE ENGINEER FOR CLARIFICATION OR INSTRUCTION.
- D. PRIOR TO IMPLEMENTING ANY CHANGES TO THESE PLANS, THE ENGINEER SHALL BE NOTIFIED IN WRITING FOR THEIR WRITTEN APPROVAL. CHANGES IMPLEMENTED WITHOUT THE ENGINEERS WRITTEN APPROVAL SHALL RELIEVE THE ENGINEER OF ANY CLAIM OR LIABILITY RESULTING FROM THAT PORTION OF THE PROJECT CHANGED OR AFFECTED BY THE CHANGE.

2. CONTRACTOR RESPONSIBILITY FOR COORDINATION:

- A. IT IS THE CONTRACTORS PRIME RESPONSIBILITY TO COORDINATE THE WORK SHOWN ON ALL OF THE PROJECT DRAWINGS, GENERAL, SPECIAL, AND TECHNICAL SPECIFICATIONS.
- B. THE CONTRACTOR IS RESPONSIBLE TO VERIFY ALL EXISTING CONSTRUCTION MATERIAL TYPES, DIMENSIONS, ELEVATIONS, AND CONDITIONS.
- C. IT IS THE CONTRACTOR’S RESPONSIBILITY TO CAREFULLY STUDY AND COORDINATE THE CONSTRUCTION REQUIREMENTS SHOWN ON THESE DRAWINGS. WHEN CONFLICTS OR DISCREPANCIES ARE FOUND IN THESE DRAWINGS, THE CONTRACTOR SHALL REPORT THEM IMMEDIATELY TO THE PROJECT ENGINEER FOR DIRECTION AND/OR CLARIFICATION.
- D. ANY CONSTRUCTION WORK DONE BY THE CONTRACTOR BEFORE OBTAINING SUCH CLARIFICATION FROM THE PROJECT ENGINEER SHALL BE AT THE CONTRACTOR’S OWN RISK AND COST. FURTHERMORE; ANY WORK REQUIRED TO CORRECT, REPLACE AND/OR RESTORE THE WORK AS DIRECTED BY THE ENGINEER SHALL BE AT THE CONTRACTOR’S OWN RISK AND COST.
- E. THE PROJECT WILL REQUIRE COORDINATION BETWEEN SEVERAL GOVERNMENT AND PRIVATE AGENCIES. FOR ANY COORDINATION EFFORTS, THE CONTRACTOR IS TO REFER TO THE LIST OF PROJECT AGENCIES FOR THE APPROPRIATE PERSONS TO CONTACT.

3. PROJECT NOTES:

- A. THE CONTRACTOR SHALL LIMIT ACTIVITIES TO IMMEDIATE PROJECT AREA TO FULLEST EXTENT POSSIBLE.
- B. ANY DAMAGE TO PUBLIC OR PRIVATE PROPERTY RESULTING FROM CONSTRUCTION ACTIVITIES SHALL BE RESTORED TO EQUAL OR BETTER CONDITION AT THE CONTRACTOR’S EXPENSE.
- C. THE CONTRACTOR SHALL LOCATE AND PROTECT ALL EXISTING UTILITIES AND BE RESPONSIBLE FOR DAMAGES TO EXISTING UTILITIES AND EXISTING IMPROVEMENTS AS A RESULT OF THE CONTRACTOR’S CONSTRUCTION ACTIVITIES.

4. EARTHWORK:

- A. STRIP AND REMOVE EXISTING VEGETATION, DEBRIS, AND OTHER DELETERIOUS MATERIALS FROM THE EXCAVATION LIMITS.
- B. GROUNDWATER MAY BE PRESENT IN THE PROJECT AREA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEWATERING DURING THE CONSTRUCTION PERIOD.
- C. THE CONTRACTOR IS RESPONSIBLE FOR DESIGNING AND CONSTRUCTING STABLE EXCAVATIONS AS REQUIRED TO MAINTAIN STABILITY OF BOTH EXCAVATION SIDES AND BOTTOM. ALL EXCAVATIONS SHOULD BE SLOPED OR SHORED IN THE INTEREST OF SAFETY FOLLOWING LOCAL, STATE, AND FEDERAL REGULATIONS, INCLUDING CURRENT OSHA EXCAVATION AND TRENCH SAFETY STANDARDS.
- D. THE CONTRACTOR SHALL EXCAVATE THE SITE TO THE LIMITS AND ELEVATIONS SHOWN ON THE PLANS.

5. EXISTING UTILITIES:

- A. THE LOCATION OF EXISTING UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY.
- B. DEPTHS AND ELEVATIONS OF UTILITIES ARE UNKNOWN UNLESS OTHERWISE SHOWN.
- C. UNDERGROUND UTILITY LOCATION AND VERIFICATION IS TO BE AN ONGOING PROCESS.
- D. CONTRACTOR IS RESPONSIBLE TO:
 - i. VERIFY EXACT LOCATIONS OF ALL UTILITIES PRIOR TO BEGINNING WORK IN THAT AREA
 - ii. FIELD VERIFY UTILITY LOCATION, DEPTHS, AND ELEVATIONS WHERE CONFLICTING UTILITIES MAY BE PRESENT A MINIMUM OF 500 FEET AHEAD OF TRENCHING OPERATIONS
 - iii. BRING ANY DISCREPANCIES AND/OR CONFLICTS TO THE ATTENTION OF THE ENGINEER IMMEDIATELY.
 - iv. NOTIFY APPROPRIATE UTILITY COMPANIES WHEN CONSTRUCTION MIGHT INTERFERE WITH NORMAL OPERATION OF ANY UTILITIES.
 - v. MAINTAIN SERVICE OF EXISTING UTILITIES.
 - vi. RESTORE ANY UTILITIES DAMAGED DUE TO CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER.

6. INSPECTION AND TESTING:

- A. THE CONTRACTOR SHALL PROVIDE FOR ALL SAMPLING AND TESTING THROUGH A QUALIFIED, INDEPENDENT TESTING LABORATORY.

7. PERMITTING AND COORDINATION:

- A. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND BUSINESS LICENSES PRIOR TO CONSTRUCTION.
- B. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL LOCAL, STATE, AND FEDERAL PERMITS REQUIRED FOR STORM WATER POLLUTION PREVENTION AS A RESULT OF CONSTRUCTION ACTIVITIES. WHEN CALLED FOR IN THE CONTRACT DOCUMENTS, CONTRACTOR SHALL PREPARE A STORM WATER POLLUTION PREVENTION PLAN FOR APPROVAL BY THE ENGINEER AND FOR SUBMITTAL TO LOCAL AUTHORITIES FOR REVIEW AND APPROVAL. IF THE CONSTRUCTION WILL DISTURB MORE THAN ONE ACRE, CONTRACTOR SHALL FILE A “NOTICE OF INTENT” FOR PERMIT COVERAGE UNDER THE STATE’S UPDES STORM WATER GENERAL PERMIT FOR CONSTRUCTION ACTIVITIES (UTRC00000) AND PAY ALL ASSOCIATED FEES. THE NOI MAY BE FILED ELECTRONICALLY AT THE FOLLOWING WEBSITE:
[HTTP://WWW.WATERQUALITY.UTAH.GOV/UPDES/STORMWATERCON.HTM](http://www.waterquality.utah.gov/updes/stormwatercon.htm) AND FOLLOWING THE DIRECTIONS GIVEN UNDER THE HEADING “ONLINE APPLICATION PROCESS AND SEARCH FOR EXISTING PERMITS”. THE CGP DOES NOT RELIEVE CONTRACTOR FROM COMPLIANCE WITH OTHER REGULATIONS OR CONTRACT REQUIREMENTS REGARDING STORM WATER POLLUTION PREVENTION INCLUDING BUT NOT LIMITED TO: PROTECTION OF SURFACE WATERS, PREVENTION OF SOIL RUNOFF INTO DRAINS, DUST CONTROL, PREVENTION OF TRACKING SOILS TO ADJACENT STREETS, FUEL CONTAINMENT, SPILL CONTROL, ETC.
- C. ANY WORK DONE WITHIN A PUBLIC RIGHT-OF-WAY SHALL BE COORDINATED WITH THE APPROPRIATE TRANSPORTATION AGENCY AND SHALL MEET THE REQUIREMENTS OF THAT AGENCY AND, IN PARTICULAR, REQUIREMENTS OF ANY RIGHT-OF-WAY SPECIAL USE PERMIT, OR OTHER PERMIT. ALL WORK SHALL MEET CURRENT OSHA REQUIREMENTS.
- D. WHERE WORK IS PERFORMED ON EASEMENTS, THE CONTRACTOR SHALL TAKE EVERY PRECAUTION TO ELIMINATE ANY ADVERSE EFFECTS ON THE ADJACENT PROPERTY AND/OR TO RESTORE IT TO ITS ORIGINAL CONDITION.

8. MISCELLANEOUS:

- A. CONTRACTOR IS RESPONSIBLE FOR DUST ABATEMENT AND ANY LIABILITY ISSUES RELATED TO DUST AT ANY LOCATION WHICH MAY BE CAUSED BY THIS PROJECT.
- B. THE CONTRACTOR IS RESPONSIBLE FOR TRAFFIC CONTROL AND PROTECTION OF PEDESTRIANS IN AND AROUND THIS WORK. REFERENCE THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD LATEST EDITION FOR WORK ZONE TRAFFIC CONTROL).
- C. THE CONTRACTOR SHALL PRESERVE EXISTING CITY, COUNTY, STATE, AND FEDERAL LAND MONUMENTS WHENEVER POSSIBLE. IF A MONUMENT MUST BE MOVED, THE ENGINEER SHALL BE CONTACTED 2 WEEKS PRIOR TO REMOVAL TO ARRANGE FOR RELOCATION.
- D. SHOULD CONSTRUCTION BE HALTED BECAUSE OF INCLEMENT WEATHER CONDITIONS, THE CONTRACTOR WILL COMPLETELY CLEAN UP ALL AREAS AND MAINTAIN THE SURFACE IN GOOD CONDITION DURING THE SHUT-DOWN PERIOD.
- E. THE CITY WILL PROVIDE CONSTRUCTION STAKES ONE TIME. ANY REPEAT STAKING REQUIRED WILL BE PROVIDED AT THE EXPENSE OF THE CONTRACTOR.

9. PROJECT CONTACT LIST:

GARDEN CITY	RILEY ARGYLE	PUBLIC WORKS	(435) 946-2901
J-U-B ENGINEERS, INC.	ZAN MURRAY	CITY ENGINEER	(435) 713-9523
JSH SURVEYING	JEFF HANSEN	SURVEYOR	(435) 245-9090
CENTRACOM	HOWARD POPE	CABLE/FIBEROPTICS	(435) 757-7634

ABBREVIATIONS	
ABBREV.	TERM
ALUM	ALUMINUM
ASSY	ASSEMBLY
∠	ANGLE
@	AT (MEASUREMENTS)
BC	BEGINNING OF CURVE
BLDG	BUILDING
B.M.	BENCH MARK
BP	ALIGNMENT BEGINNING
BREAK	GRADE BREAK
BSC	BITUMINOUS SURFACE COURSE
BSW	BACK OF SIDEWALK
BVC	BEGIN VERTICAL CURVE
BVP	PROFILE START
B.W.	BOTH WAYS
C	CHANNEL (STRUCTURAL)
CJ	CONTROL JOINT
CL	CENTER LINE
CLR	CLEARANCE
CMP	CORRUGATED METAL PIPE
CO	CLEANOUT
CONC	CONCRETE
CONT	CONTINUOUS
CPLG	COUPLING
CTR	CENTER
CU FT	CUBIC FEET
CU YD	CUBIC YARD
DEG OR °	DEGREE
DIA OR Ø	DIAMETER
DI	DUCTILE IRON
DIST	DISTRIBUTION
DWG	DRAWING
EA	EACH
EC	END OF CURVE
ELB	ELBOW
ELEV OR EL.	ELEVATION
EOA	EDGE OF ASPHALT
EP	ALIGNMENT END
EVP	PROFILE END
E.W.	EACH WAY
EXIST	EXISTING
EVC	END VERTICAL CURVE
FF	FINISH FLOOR
FG	FINISH GRADE
FH	FIRE HYDRANT
FL	FLOW LINE
FLG	FLANGE
FT OR ’	FEET
FTG	FOOTING
GALV	GALVANIZED
GB	GRADE BREAK
HORIZ	HORIZONTAL
HP	HIGH POINT

ABBREVIATIONS	
ABBREV.	TERM
ID	INSIDE DIAMETER
IE	INVERT ELEVATION
IN. OR ”	INCH
INV.	INVERT
K	CURVE COEFFICIENT
L	LEFT
LB	LINE BEGINNING
LB OR #	POUND
LC	LEVEL CROWN
LE	LINE END
LF	LINEAL FEET
LN	LINEAL
LP	LOW POINT
MAN	MANUAL
MAX	MAXIMUM
MIN	MINIMUM
NO. OR #	NUMBER
PC	POINT OF CURVATURE
PCC	POINT OF COMPOUND CURVATURE
PE	PLAIN END
PI	TANGENT-TANGENT INTERSECT
PL OR PL	PLATE OR PROPERTY LINE
POLY	POLYETHYLENE
PRC	POINT OF REVERSE CURVATURE
PT	POINT OF TANGENCY
PVC	POLYVINYL-CHLORIDE
PVI	POINT OF VERTICAL INTERSECTION
R	RADIUS OR RIGHT
RC	REVERSE CROWN
REQ'D	REQUIRED
REV	REVISION
R/W	RIGHT-OF-WAY
S	SLOPE
SPEC	SPECIFICATION
STA	STATION
STD	STANDARD
STL	STEEL
ST STL	STAINLESS STEEL
TBC	TOP BACK OF CURB
TFC	TOP FACE OF CONCRETE
THD	THREADED
TOB	TOP OF BEAM
TOC	TOP OF CONCRETE
TOF	TOP OF FOOTING
TOP	TOP OF PIPE
TOW	TOP OF WALL
TYP	TYPICAL
W/	WITH
W/O	WITHOUT
W/REQ'D	WHERE REQUIRED



Know what's below.
Call before you dig.

CALL 2 BUSINESS DAYS IN ADVANCE BEFORE
YOU DIG, GRADE, OR EXCAVATE FOR THE
MARKING OF UNDERGROUND MEMBER
UTILITIES



J-U-B ENGINEERS, INC.

J-U-B ENGINEERS, INC.
1047 South 100 West,
Suite 180
Logan, UT 84321
Phone: 435.713.9514
Fax: 435.713.9503
www.jub.com

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NO.	DESCRIPTION	BY	DATE

150 SOUTH STREET BEACH ACCESS PARKING
TOWN OF GARDEN CITY

GENERAL NOTES AND ABBREVIATIONS

FILE: 57-14-017-003 G-001X-1505
JUB PROJ. #: 57-14-017-003
DRAWN BY: ELC
DESIGN BY: ZPM/ELC
CHECKED BY: ZPM
AT FULL SIZE, IF NOT ONE
INCH, SCALE ACCORDINGLY
LAST UPDATED: 2/19/2015

SHEET NUMBER:
G-003

Plot Date: 2/19/2015 3:37 PM, Plotted By: Erick Christensen, Date Created: 2/4/2015, \\LOGAN\PUBLIC\PROJECTS\JUB\GARDEN CITY\57-14-017, GARDEN CITY 2014 GENERAL SERVICES\003, PARKING LOT'S 150 SOUTH PARKING LOT CAD\SHEET\57-14-017-003, G-001X-150S.DWG

SYMBOL LEGEND					
DESCRIPTION	EXIST.	PROP.	DESCRIPTION	EXIST.	PROP.
SANITARY SEWER			IRRIGATION		
CLEANOUT			IRRIGATION VALVE		
SS MANHOLE			IRRIGATION VALVE BOX		
SS VALVE			SPRINKLER		
SS METER			IRRIGATION GATE		
SEWER STUB			NATURAL GAS		
STORM DRAIN			GAS METER		
CATCH BASIN			GAS VALVE		
DRY WELL			GAS MANHOLE		
SD MANHOLE			UTILITIES		
FLARE END			MANHOLE (GENERIC)		
GREASE TRAP			PRESSURE CLEAN OUT AT GRADE		
COMMUNICATION			THRUST BLOCK		
TELE. MANHOLE			VAULT		
TELE. PEDESTAL			VALVE (GENERIC)		
TELE. POLE			UTILITY POLE		
TV PEDESTAL			SITE		
GUY WIRE			BOLLARD		
DOMESTIC WATER			BOULDER		
FIRE HYDRANT			DRINKING FOUNTAIN		
SPIGOT			FLAGPOLE		
WATER MANHOLE			GATE		
WATER METER			MAIL BOX		
WATER VALVE			PARKING METER		
YARD HYDRANT			POST		
ELECTRIC			SIGN		
ELEC. MANHOLE			SPOT ELEVATION		
ELEC. METER			TREE (SHRUB)		
ELEC. TRANS.			TREE		
JUNCTION BOX			TEST HOLE		
GUY WIRE			WELL		
POWER STUB			WELL (MONITORING)		
POWER POLE			SURVEY		
STREET LIGHT			CAP		
STREET LIGHT WITH ARM			CTRL PT		
TRAFFIC SIGNAL POLE			NAIL		
			BOLT		
			REBAR		

LINE LEGEND		
DESCRIPTION	EXIST.	PROP.
STORM DRAIN	-----SD-----	-----SD-----
DRAIN LINE	-----DL-----	-----DL-----
SANITARY SEWER	-----SS-----	-----SS-----
WATER	-----W-----	-----W-----
IRRIGATION	-----IRR-----	-----IRR-----
NATURAL GAS	-----G-----	-----G-----
OVERHEAD POWER	-----OHP-----	-----OHP-----
UNDERGROUND POWER	-----UP-----	-----UP-----
OVERHEAD TELEPHONE	-----OHT-----	-----OHT-----
UNDERGROUND TELEPHONE	-----UT-----	-----UT-----
FIBER OPTIC	-----F/O-----	-----F/O-----
CABLE TELEVISION	-----CTV-----	-----CTV-----
FENCE	-----X-----	-----X-----
DITCH	-----...-----	-----...-----
MAJOR CONTOUR	-----2520-----	-----2520-----
MINOR CONTOUR	-----...-----	-----...-----
TOP OF BANK	-----TOB-----	-----TOB-----
TOE OF SLOPE	-----TOE-----	-----TOE-----
PROPERTY LINE	-----P/L-----	-----P/L-----
PROPERTY LINE (OPTIONAL)	-----...-----	-----...-----
RIGHT OF WAY	-----R/W-----	-----R/W-----
TEMPORARY EASEMENT	-----T/E-----	-----T/E-----
PERMANENT EASEMENT	-----P/E-----	-----P/E-----
ROAD SHOULDER	-----...-----	-----...-----
ROAD CENTERLINE	-----...-----	-----...-----
ROAD ASPHALT	-----\ \ \-----	-----\ \ \-----
ROAD GRAVEL	-----EG-----	-----EG-----
ROAD DIRT	-----...-----	-----...-----
CURB AND GUTTER	-----...-----	-----...-----

EXAMPLE:

SHEET NUMBER:

C1-101

C

1

-

1

01

DISCIPLINE DESIGNATOR

COMPONENT CODE (OPTIONAL)

SHEET TYPE DESIGNATOR

SHEET SEQUENCE NUMBER

DISCIPLINE DESIGNATORS		
DISCIPLINE	DESIGNATOR	DESCRIPTION
GENERAL	G	ALL GENERAL
	GI	GENERAL INFORMATION
	GC	GENERAL CONTRACTUAL
	GR	GENERAL RESOURCE
SURVEY/MAPPING	V	ALL SURVEY
GEOTECHNICAL	B	ALL GEOTECHNICAL
CIVIL	C	ALL CIVIL
LANDSCAPE	L	ALL LANDSCAPE
STRUCTURAL	S	ALL STRUCTURAL
ARCHITECTURAL	A	ALL ARCHITECTURE
EQUIPMENT	Q	ALL EQUIPMENT
MECHANICAL	M	ALL MECHANICAL
ELECTRICAL	E	ALL ELECTRICAL
PLUMBING	P	ALL PLUMBING
PROCESS	D	ALL PROCESS
RESOURCE	R	ALL RESOURCE

SHEET TYPE DESIGNATORS	
DESIGNATOR	SHEET TYPE
0	GENERAL (SYMBOLS, LEGENDS, NOTES, ETC.)
1	PLANS (HORIZONTAL VIEWS)
2	ELEVATIONS, PROFILES, COMBINED PLAN & PROFILES
3	SECTIONS (SECTIONAL VIEWS)
4	LARGE-SCALE VIEWS (PLANS, ELEVATIONS, ETC.)
5	DETAILS OR COMBINED DETAILS AND SECTIONS
6	USER DEFINED
7	USER DEFINED
8	USER DEFINED
9	3D REPRESENTATIONS (ISOMETRICS, PERSPECTIVES, PHOTOS)

SECTION IDENTIFICATION

DETAIL IDENTIFICATION

SECTION IDENTIFIER

DETAIL IDENTIFIER

SHEET NUMBER WHERE SECTION DRAWING IS LOCATED

SHEET NUMBER WHERE DETAIL DRAWING IS LOCATED

SECTION IDENTIFIER

DETAIL IDENTIFIER

SECTION SCALE:

DETAIL SCALE:

SECTION IDENTIFIER

DETAIL IDENTIFIER

SECTION SCALE:

DETAIL SCALE:

NOTE:

A DASH MAY BE PLACED IN THE LOWER PORTION OF THE IDENTIFIER IF THE DETAIL DRAWING OR SECTION VIEW IS LOCATED ON THE SAME SHEET.

J-U-B ENGINEERS, INC.

J-U-B ENGINEERS, INC.

1047 South 100 West,

Suite 180

Logan, UT 84321

Phone: 435.713.9514

Fax: 435.713.9503

www.jub.com

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REVISION	NO.	DESCRIPTION	BY	DATE

150 SOUTH STREET BEACH ACCESS PARKING

TOWN OF GARDEN CITY

LINE AND SYMBOL LEGENDS AND DETAIL KEY

FILE: 57-14-017-003 G-001X-150S

JUB PROJ. #: 57-14-017-003

DRAWN BY: ELC

DESIGN BY: ZPM/ELC

CHECKED BY: ZPM

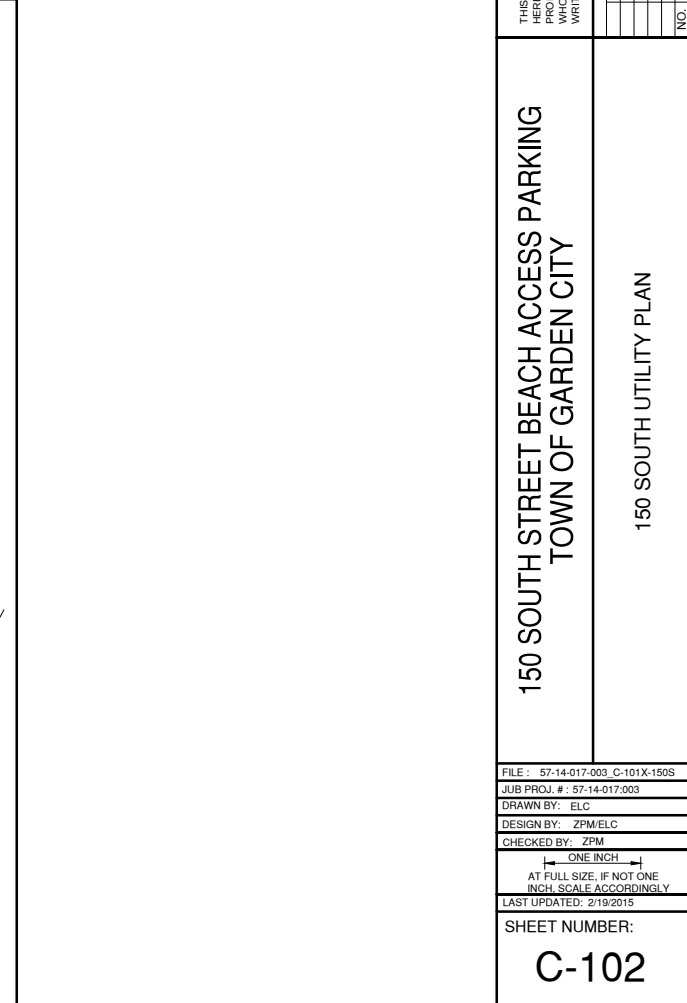
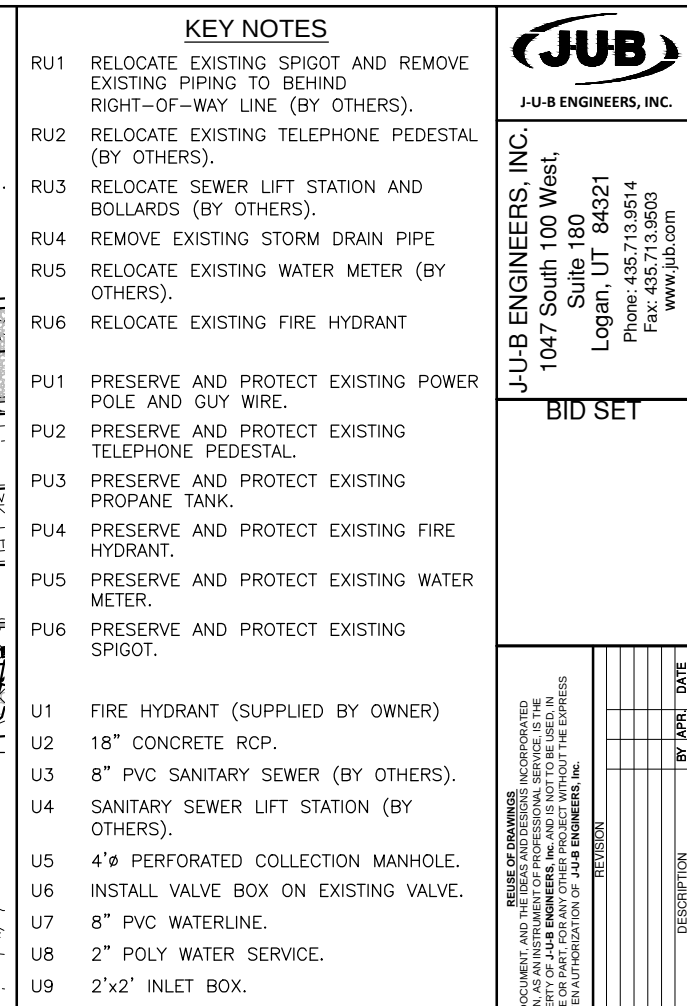
ONE INCH

AT FULL SIZE, IF NOT ONE INCH, SCALE ACCORDINGLY

LAST UPDATED: 2/4/2015

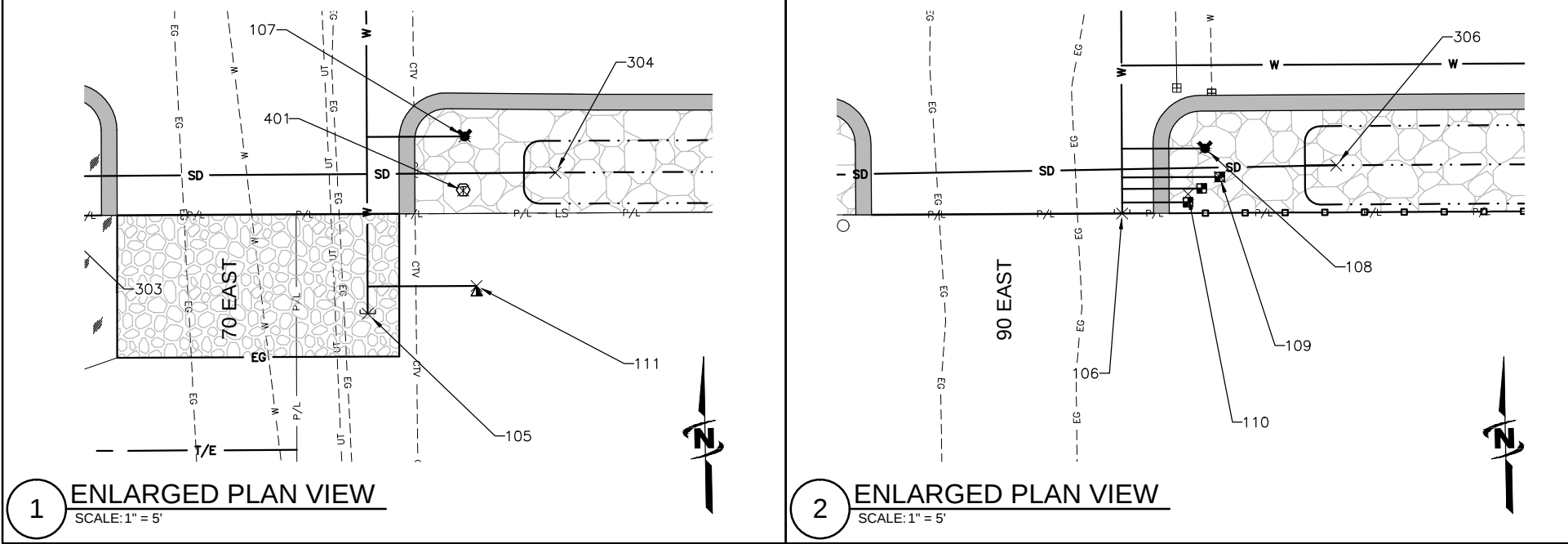
SHEET NUMBER:

G-004



Plot Date: 2/19/2015 3:28 PM Plotted By: Erick Christensen
Date Created: 2/10/2015 \\JCGAN\PUBLIC\PROJECTS\JUB\GARDEN CITY\57-14-017 GARDEN CITY 2014 GENERAL SERVICES\003 PARKING LOT\58 SOUTH PARKING LOT\CAD\SHEET\57-14-017-003 C-101X-1503.DWG

UTILITY COORDINATE TABLE				
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	3868781.86	1670779.01	5923.71	RBR JSH
2	3868831.63	1670760.83	5923.75	SETLNAIL+WSHR
3	3868785.54	1670526.11	5924.97	RBR JSH
4	3868790.10	1670231.59	5940.30	RBR
5	3868794.14	1669934.71	5950.22	RBR 3258
6	3868893.06	1669936.34	5951.53	RBR BENT
7	3868891.38	1670056.17	5949.38	RBR JSH@530
8	3868889.86	1670161.17	5945.96	RBR JSH@531
9	3868888.30	1670239.45	5939.31	RBR JSH
10	3868839.22	1670238.87	5939.96	RBR BURY
101	3868854.18	1669900.43	5952.65	CW LINE
102	3868841.72	1670239.49	5940.89	CW LINE
103	3868839.61	1670384.27	5928.01	CW TEE
104	3868836.96	1670565.84	5925.31	CW 90 DEG BEND
105	3868781.27	1670383.42	5928.07	CW CAP
106	3868784.96	1670565.08	5925.56	CW CAP
107	3868792.43	1670389.82	5927.58	CW FH
108	3868789.00	1670570.45	5925.59	CW FH
109	3868787.16	1670571.35	5925.52	CW METER
110	3868786.11	1670569.31	5925.52	CW METER
111	3868782.90	1670390.39	5927.69	CW SPIGOT
201	3868831.18	1669900.10	5952.42	SSFM
202	3868819.64	1670689.92	5925.63	SSFM
203	3868797.46	1670741.34	5924.76	SS LIFT STATION
204	3868792.58	1670741.34	5924.38	SS LIFT STATION
205	3868810.33	1670542.54	5925.96	SS LINE/EXISTING LIFT STATION
301	3868812.07	1670319.15	5933.44	4' SDMH
302	3868781.49	1670358.15	5926.47	SD PIPE FL
303	3868790.44	1670360.60	5928.85	2'X2' INLET BOX
304	3868790.02	1670395.57	5924.91	SD PIPE FL
305	3868787.80	1670541.79	5922.90	SD PIPE FL
306	3868787.76	1670578.79	5922.71	SD PIPE FL
307	3868853.23	1670342.16	5928.32	SD PIPE FL
308	3868852.59	1670385.60	5925.16	SD PIPE FL
309	3868848.88	1670639.69	5922.10	SD PIPE FL
310	3868856.89	1670740.55	5921.60	SD PIPE FL
401	3868788.98	1670389.66	5927.53	PHONE PED
501	3868855.71	1669932.58	5951.50	WATERWAY EDGE
502	3868853.88	1670057.74	5949.11	WATERWAY EDGE
503	3868835.61	1670691.88	5925.73	CENTER TURNING CIRCLE
504	3868839.27	1670647.03	5924.83	TURNING CIRCLE EDGE
505	3868880.61	1670692.54	5924.68	TURNING CIRCLE EDGE
506	3868837.96	1670736.82	5924.63	TURNING CIRCLE EDGE





J-U-B ENGINEERS, INC.

J-U-B ENGINEERS, INC.
1047 South 100 West,
Suite 180
Logan, UT 84321
Phone: 435.713.9514
Fax: 435.713.9503
www.jub.com

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REVISION		DESCRIPTION	BY	APR	DATE
NO.					

150 SOUTH STREET BEACH ACCESS PARKING
TOWN OF GARDEN CITY

150 SOUTH UTILITY PLAN

FILE: 57-14-017-003_C-101X-1503
JUB PROJ. #: 57-14-017-003
DRAWN BY: ELC
DESIGN BY: ZPM/ELC
CHECKED BY: ZPM

ONE INCH

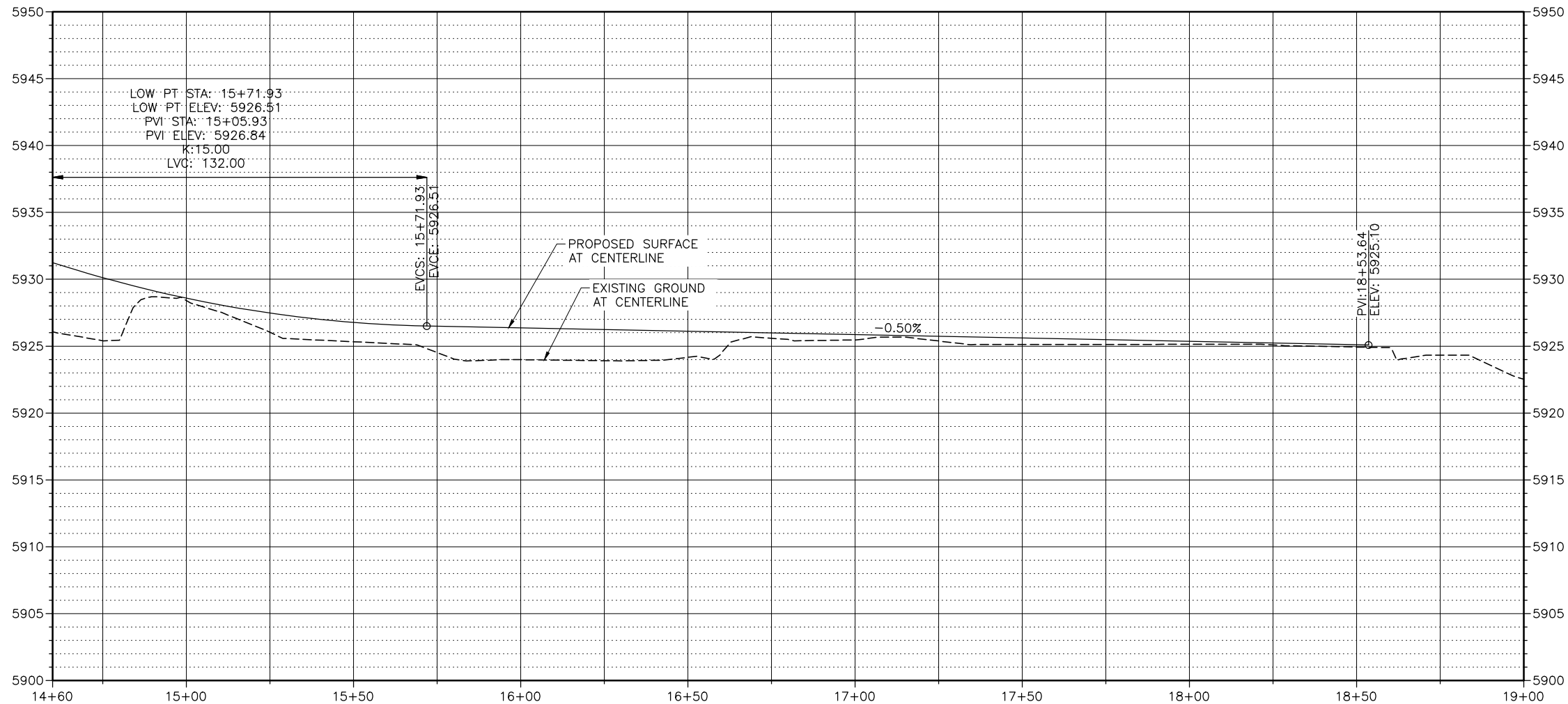
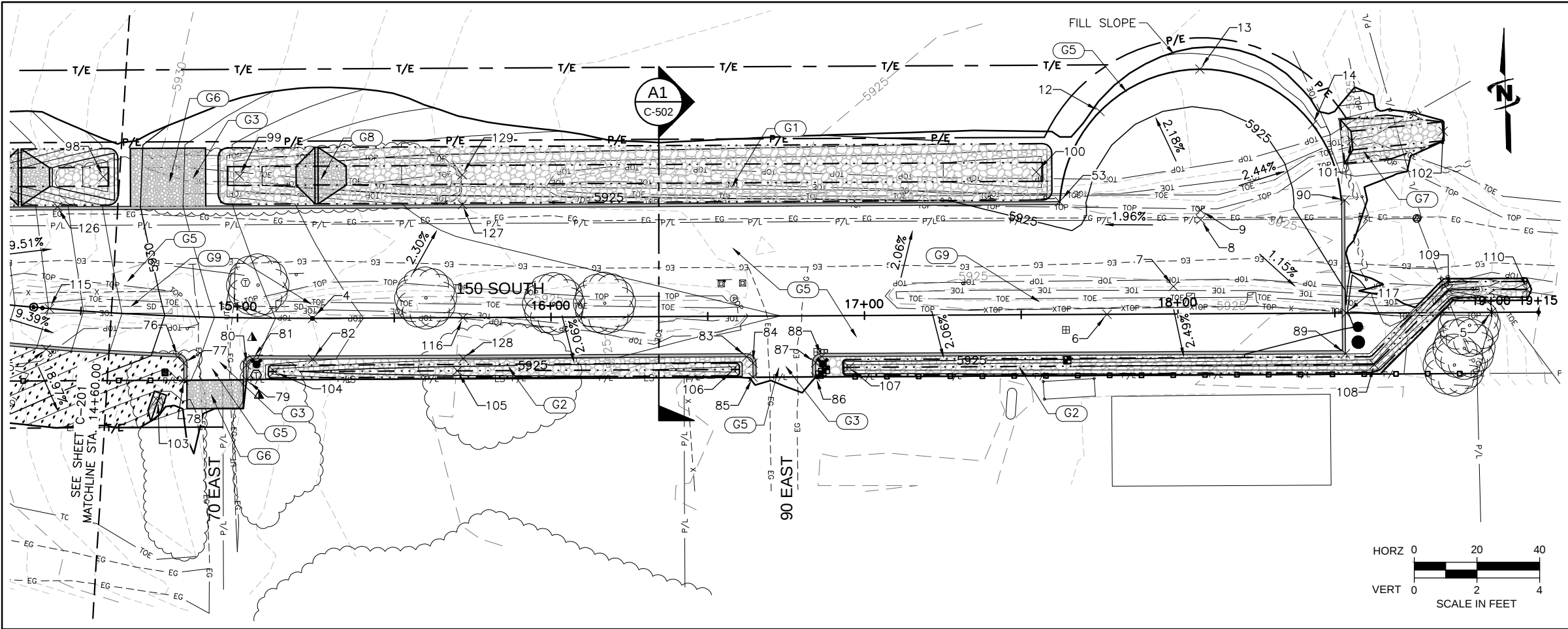
AT FULL SIZE, IF NOT ONE
INCH, SCALE ACCORDINGLY

LAST UPDATED: 2/19/2015

SHEET NUMBER:

C-103

Plot Date: 2/20/2015 12:20 PM Plotted By: Erik Christiansen
Date Created: 2/20/2015 \\\GCM\PUBLIC\PROJECTS\SUB\GARDEN CITY\57-14-017 GARDEN CITY 2014 GENERAL SERVICES\003 PARKING LOT'S\50 SOUTH PARKING LOT\CAD\SHEET\57-14-017-003 C-201X-150S.DWG



KEY NOTES

- G1 CONSTRUCT 20' WIDE DRAINAGE SWALE WITH 8" THICK 4" COBBLE, SEE SHEET C-501.
- G2 CONSTRUCT 6' WIDE DRAINAGE SWALE WITH 8" THICK 4" COBBLE, SEE SHEET C-501.
- G3 RETAIN ACCESS TO EXISTING PROPERTY, TRANSITION SLOPE FROM NEW ROADWAY TO EXISTING DRIVE. MAX SLOPE 15H:1V.
- G4 FEATHER NEW DRAINAGE SWALE INTO EXISTING HILLSIDE.
- G5 CONSTRUCT ASPHALT ROADWAY AND PARKING AREA
- STA. 0+00 TO STA. 14+50: 3" ASPHALT OVER 4" BASE OVER 12" SUB-BASE
 - STA. 14+50 TO STA. 18+50: 3" ASPHALT OVER 12" BASE OVER GEO-GRID.
- SEE SHEET C-501.
- G6 CONSTRUCT 6" THICK GRAVEL DRIVEWAY WITH ROADBASE.
- G7 CONSTRUCT RIP RAP OUTLET.
- G8 CONSTRUCT ROCK CHECK DAM, SEE SHEET C-503.
- G9 OVER EXCAVATE AND FILL DITCHES AND SOFT SPOTS AS DIRECTED BY ENGINEER.

NOTES:

1. SEE SHEET C-203 FOR POINT COORDINATE TABLE.



J-U-B ENGINEERS, INC.

J-U-B ENGINEERS, INC.

1047 South 100 West,

Suite 180

Logan, UT 84321

Phone: 435.713.9514

Fax: 435.713.9503

www.jub.com

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NO.	REVISION	DESCRIPTION	BY	DATE

150 SOUTH STREET BEACH ACCESS PARKING
TOWN OF GARDEN CITY

150 SOUTH GRADING PLAN AND PROFILE

FILE: 57-14-017-003 C-201X-150S

JUB PROJ. #: 57-14-017-003

DRAWN BY: ELC

DESIGN BY: ZPM/ELC

CHECKED BY: ZPM

AT FULL SIZE, IF NOT ONE INCH SCALE ACCORDINGLY

LAST UPDATED: 2/20/2015

SHEET NUMBER:

C-202

COORDINATE TABLE				
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	3868844.38	1669886.29	5953.04	ROADWAY CL
2	3868841.77	1670065.44	5949.25	ROADWAY CL
3	3868824.26	1670236.71	5941.19	ROADWAY CL
4	3868806.76	1670407.98	5927.51	ROADWAY CL
5	3868801.27	1670784.01	5922.52	ROADWAY CL
6	3868803.06	1670661.40	5925.48	ROADWAY CROWN-PC
7	3868811.53	1670682.74	5925.58	ROADWAY CROWN
8	3868832.62	1670691.84	5925.72	ROADWAY CROWN-PT
9	3868835.61	1670691.88	5925.73	CEN PT - TURNING CIRCLE
10	3868792.17	1670071.84	5948.15	ASPHALT EDGE
11	3868794.67	1670071.88	5948.36	ASPHALT EDGE
12	3868867.75	1670660.38	5924.73	TURNING CIRCLE - ASPHALT EDGE
13	3868880.61	1670692.54	5924.68	TURNING CIRCLE - ASPHALT EDGE
14	3868862.22	1670728.17	5924.51	TURNING CIRCLE - ASPHALT EDGE
15	3868857.21	1669932.61	5951.08	WATERWAY CL
16	3868855.38	1670057.76	5949.03	WATERWAY CL
17	3868803.72	1669931.68	5950.84	BACK OF SIDEWALK
18	3868801.84	1670059.98	5948.52	BACK OF SIDEWALK
19	3868883.71	1669933.05	5951.79	BACK OF SIDEWALK
20	3868881.83	1670061.15	5949.54	BACK OF SIDEWALK
21	3868859.71	1669932.65	5951.55	CURB BACK - LANDSCAPE ISLAND
22	3868859.70	1669933.31	5951.15	CURB BACK - LANDSCAPE ISLAND-PC
23	3868861.67	1669935.34	5951.13	CURB BACK - LANDSCAPE ISLAND-PT
24	3868877.67	1669935.58	5951.45	CURB BACK - LANDSCAPE ISLAND
25	3868877.71	1669932.94	5951.73	CURB BACK - LANDSCAPE ISLAND
26	3868877.04	1669978.57	5950.48	CURB BACK - LANDSCAPE ISLAND
27	3868861.04	1669978.34	5950.16	CURB BACK - LANDSCAPE ISLAND-PC
28	3868859.01	1669980.31	5949.95	CURB BACK - LANDSCAPE ISLAND-PT
29	3868858.97	1669983.31	5949.91	CURB BACK - LANDSCAPE ISLAND-PC
30	3868860.94	1669985.34	5950.07	CURB BACK - LANDSCAPE ISLAND-PT
31	3868876.94	1669985.57	5950.39	CURB BACK - LANDSCAPE ISLAND
32	3868892.74	1669985.80	5950.53	CURB BACK
33	3868882.94	1669985.66	5950.51	CURB BACK/BACK OF SIDEWALK
34	3868860.68	1670003.34	5949.85	CURB BACK - LANDSCAPE ISLAND-PC
35	3868858.65	1670005.31	5949.64	CURB BACK - LANDSCAPE ISLAND-PT
36	3868858.33	1670027.30	5949.36	CURB BACK - LANDSCAPE ISLAND-PC
37	3868860.30	1670029.33	5949.52	CURB BACK - LANDSCAPE ISLAND-PT
38	3868874.30	1670029.54	5949.80	CURB BACK - LANDSCAPE ISLAND-PC
39	3868876.32	1670027.57	5949.87	CURB BACK - LANDSCAPE ISLAND-PT
40	3868876.65	1670005.57	5950.14	CURB BACK - LANDSCAPE ISLAND-PC
41	3868874.67	1670003.54	5950.13	CURB BACK - LANDSCAPE ISLAND-PT
42	3868891.45	1670053.29	5949.58	CURB BACK
43	3868881.95	1670053.15	5949.67	CURB BACK
44	3868875.95	1670053.06	5949.55	CURB BACK - LANDSCAPE ISLAND
45	3868859.95	1670052.83	5949.23	CURB BACK - LANDSCAPE ISLAND-PC
46	3868857.92	1670054.80	5949.02	CURB BACK - LANDSCAPE ISLAND-PT
47	3868857.88	1670057.80	5948.98	CURB BACK - LANDSCAPE ISLAND-PC
48	3868859.85	1670059.83	5949.12	CURB BACK - LANDSCAPE ISLAND-PT
49	3868875.85	1670060.06	5949.44	CURB BACK - LANDSCAPE ISLAND

COORDINATE TABLE				
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
50	3868881.76	1670066.02	5949.44	ASPHALT EDGE—PC
51	3868874.70	1670172.21	5945.79	ASPHALT EDGE
52	3868845.21	1670240.27	5940.81	CURB BACK
53	3868839.27	1670646.93	5924.83	CURB BACK
54	3868827.71	1669932.25	5951.00	CURB BACK — LANDSCAPE ISLAND
55	3868827.70	1669932.85	5951.05	CURB BACK — LANDSCAPE ISLAND—PC
56	3868825.67	1669934.82	5950.95	CURB BACK — LANDSCAPE ISLAND—PT
57	3868809.68	1669934.58	5950.63	CURB BACK — LANDSCAPE ISLAND
58	3868809.72	1669931.80	5950.88	CURB BACK — LANDSCAPE ISLAND
59	3868808.99	1669981.58	5949.61	CURB BACK — LANDSCAPE ISLAND
60	3868824.99	1669981.81	5949.93	CURB BACK — LANDSCAPE ISLAND—PC
61	3868826.96	1669983.84	5949.94	CURB BACK — LANDSCAPE ISLAND—PT
62	3868826.91	1669986.84	5949.91	CURB BACK — LANDSCAPE ISLAND—PC
63	3868824.88	1669988.81	5949.84	CURB BACK — LANDSCAPE ISLAND—PT
64	3868808.89	1669988.58	5949.52	CURB BACK — LANDSCAPE ISLAND
65	3868808.07	1670044.57	5948.82	CURB BACK — LANDSCAPE ISLAND
66	3868824.06	1670044.81	5949.14	CURB BACK — LANDSCAPE ISLAND—PC
67	3868826.03	1670046.83	5949.16	CURB BACK — LANDSCAPE ISLAND—PT
68	3868825.96	1670051.33	5949.10	CURB BACK — LANDSCAPE ISLAND—PC
69	3868817.85	1670059.22	5948.84	CURB BACK — LANDSCAPE ISLAND—PT
70	3868807.86	1670059.07	5948.64	CURB BACK — LANDSCAPE ISLAND
71	3868792.36	1670058.84	5948.40	CURB BACK
72	3868793.57	1670147.22	5947.95	CURB BACK
73	3868815.32	1670147.54	5947.06	CURB BACK—PC
74	3868823.16	1670156.41	5946.86	CURB BACK—PT—PC
75	3868811.50	1670234.27	5940.93	CURB BACK—PT—PC
76	3868795.32	1670364.75	5929.43	CURB BACK—PT—PC
77	3868793.29	1670366.64	5929.27	CURB BACK—PT
78	3868787.86	1670366.56	5929.14	CURB BACK
79	3868787.57	1670386.56	5928.03	CURB BACK
80	3868792.25	1670386.63	5928.13	CURB BACK—PC
81	3868794.22	1670388.69	5928.07	CURB BACK—PT—PC
82	3868793.76	1670407.79	5927.25	CURB BACK—PT
83	3868791.74	1670546.18	5925.79	CURB BACK—PC
84	3868789.71	1670548.15	5925.74	CURB BACK—PT
85	3868785.21	1670548.08	5925.58	CURB BACK
86	3868784.92	1670568.08	5925.51	CURB BACK
87	3868789.42	1670568.15	5925.62	CURB BACK—PC
88	3868791.39	1670570.18	5925.67	CURB BACK—PT
89	3868788.95	1670737.20	5924.84	CURB BACK
90	3868837.94	1670737.92	5924.62	CURB BACK
91	3868867.99	1669981.94	5949.75	LANDSCAPE ISLAND — CENTER
92	3868867.49	1670016.44	5949.24	LANDSCAPE ISLAND — CENTER
93	3868866.90	1670056.43	5948.82	LANDSCAPE ISLAND — CENTER
94	3868817.94	1669985.21	5949.26	LANDSCAPE ISLAND — CENTER
95	3868816.98	1670050.45	5948.74	LANDSCAPE ISLAND — CENTER
96	3868877.96	1670173.50	5945.43	SWALE FL
97	3868854.68	1670242.19	5938.63	SWALE FL
98	3868853.23	1670342.16	5928.32	PIPE END/SWALE FL
99	3868852.59	1670385.60	5925.16	PIPE END/SWALE FL

COORDINATE TABLE				
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
100	3868848.88	1670639.69	5922.10	PIPE END/SWALE FL
101	3868856.89	1670740.55	5921.60	PIPE END/SWALE FL
102	3868859.26	1670769.72	5921.50	SWALE FL
103	3868781.49	1670358.15	5926.47	PIPE END/SWALE FL
104	3868790.02	1670395.57	5925.41	PIPE END/SWALE FL
105	3868789.13	1670453.80	5924.36	SWALE FL
106	3868787.80	1670541.79	5923.40	PIPE END/SWALE FL
107	3868787.76	1670578.79	5923.21	PIPE END/SWALE FL
108	3868785.32	1670746.28	5922.71	SWALE FL
109	3868808.73	1670770.39	5921.70	SWALE FL
110	3868808.36	1670795.43	5920.53	SWALE FL
111	3868843.81	1669925.44	5951.49	GB ROADWAY CL
112	3868842.99	1669981.69	5950.29	GB ROADWAY CL
113	3868840.44	1670104.16	5948.76	GB ROADWAY CL
114	3868826.60	1670224.03	5942.39	GB ROADWAY CL
115	3868811.55	1670324.15	5932.97	GB ROADWAY CL
116	3868806.06	1670455.98	5926.51	GB ROADWAY CL
117	3868801.94	1670737.66	5925.08	GB ROADWAY CL
118	3868856.49	1669981.88	5949.98	GB WATERWAY CL
119	3868802.99	1669981.10	5949.49	GB BACK OF SIDEWALK
120	3868882.99	1669982.27	5950.55	GB BACK OF SIDEWALK
121	3868880.38	1670106.31	5948.59	GB ASPHALT EDGE
122	3868864.68	1670105.46	5948.28	GB ASPHALT SWALE
123	3868849.68	1670227.89	5941.95	GB ASPHALT EDGE
124	3868813.80	1670221.76	5942.13	GB CURB BACK
125	3868798.62	1670322.86	5932.71	GB CURB BACK
126	3868843.94	1670327.39	5932.32	GB CURB BACK
127	3868842.06	1670456.51	5925.79	GB CURB BACK
128	3868793.06	1670455.79	5926.25	GB CURB BACK
129	3868851.55	1670456.65	5923.78	GB SWALE FL



J-U-B ENGINEERS, INC

J-U-B ENGINEERS, INC.
1047 South 100 West,
Suite 180
Logan, UT 84321
Phone: 435.713.9514
Fax: 435.713.9503
www.jub.com

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VISION

1100

[illegible]

150 SOUTH STREET BEACH ACCESS PARKING
TOWN OF GARDEN CITY

GRADING COORDINATE TABLES

FILE : 57-14-017-003_C-201X-150

JUB PROJ. # : 57-14-017:003

DRAWN BY: ELC

DESIGN BY: ZPM/ELC

CHECKED BY: ZPM

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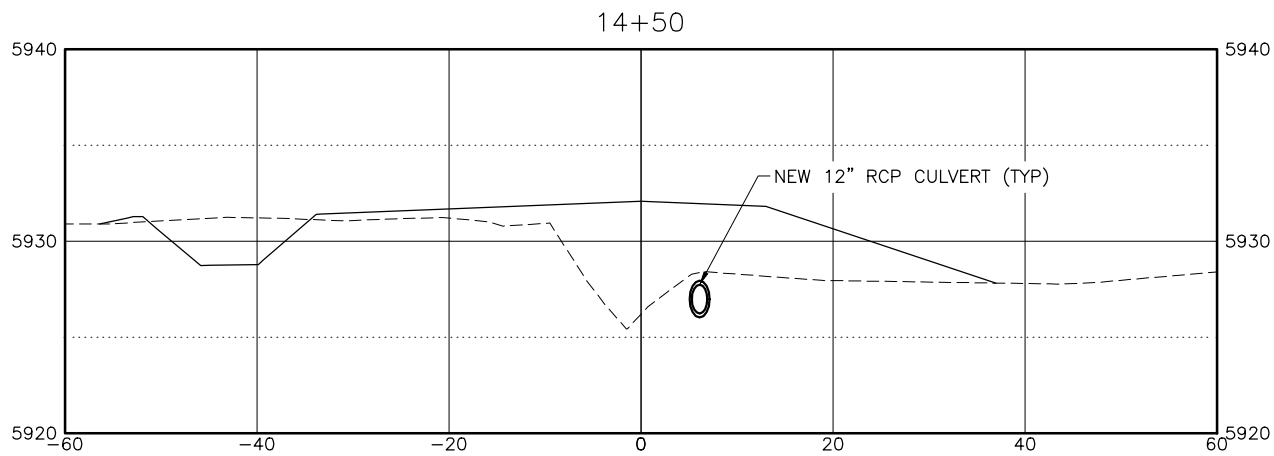
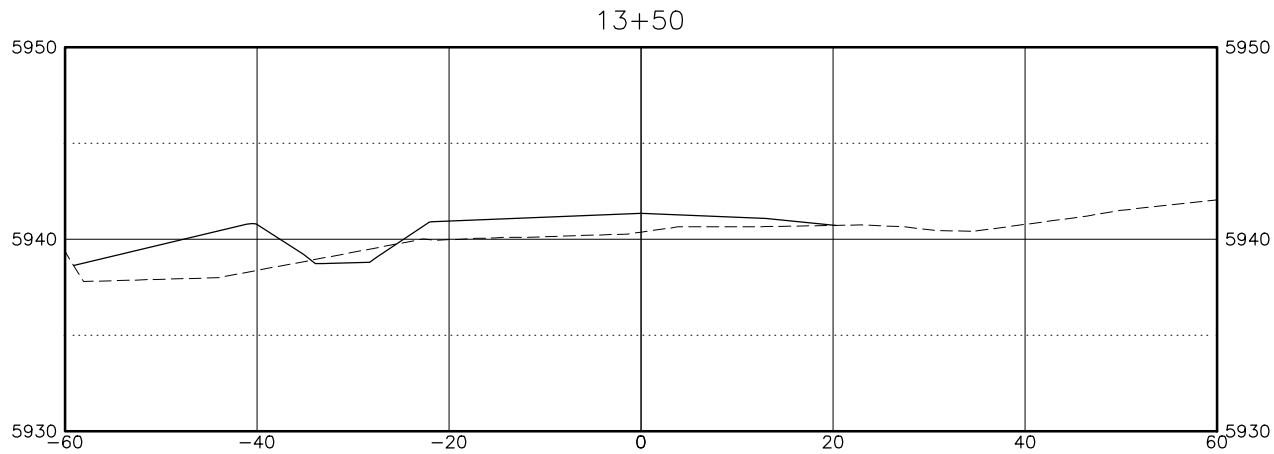
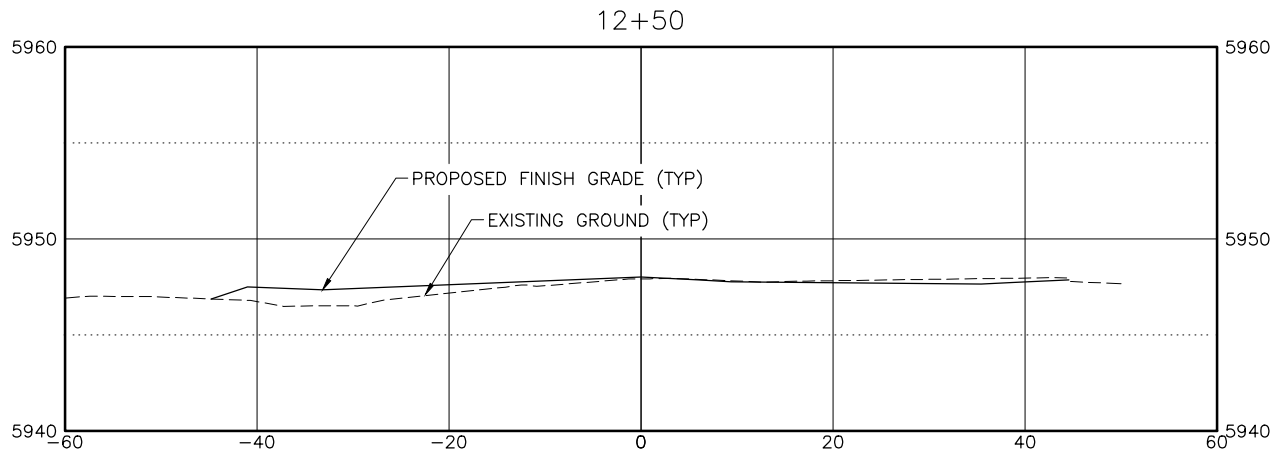
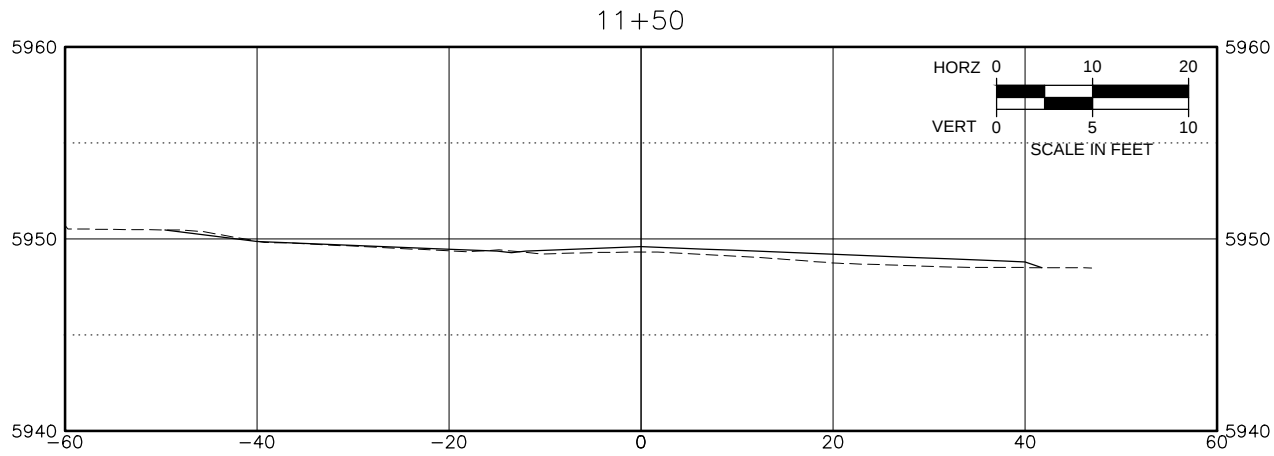
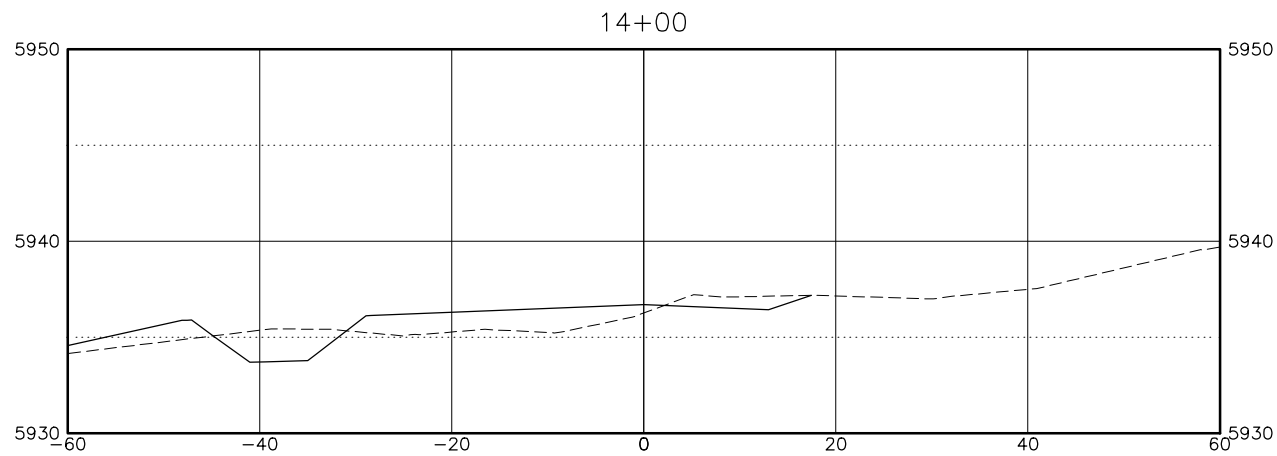
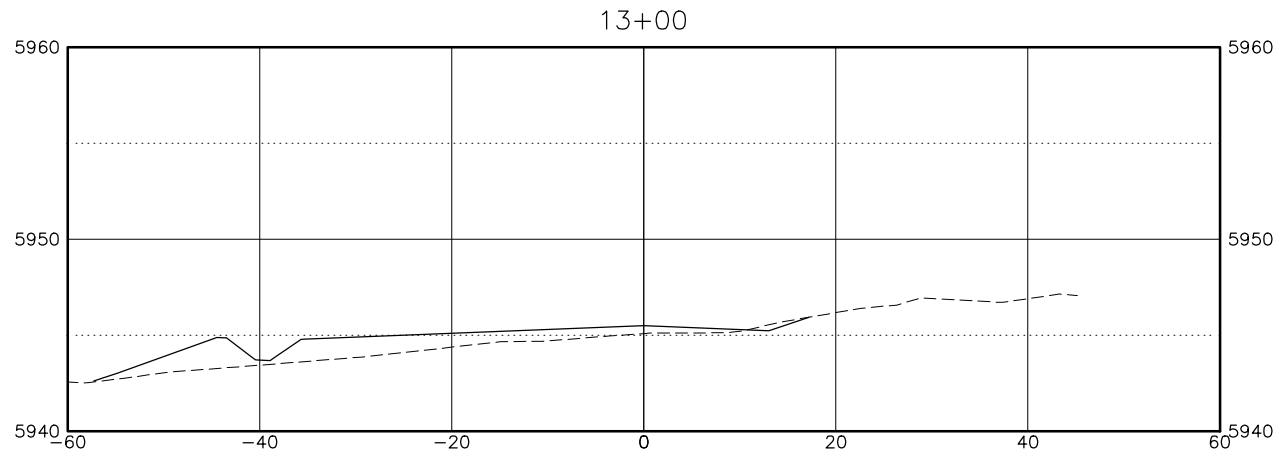
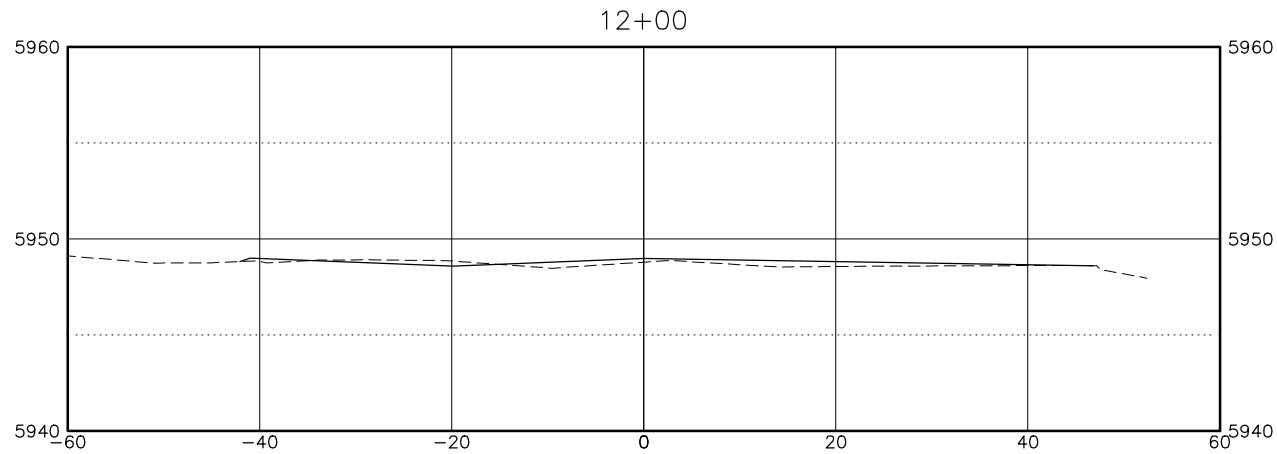
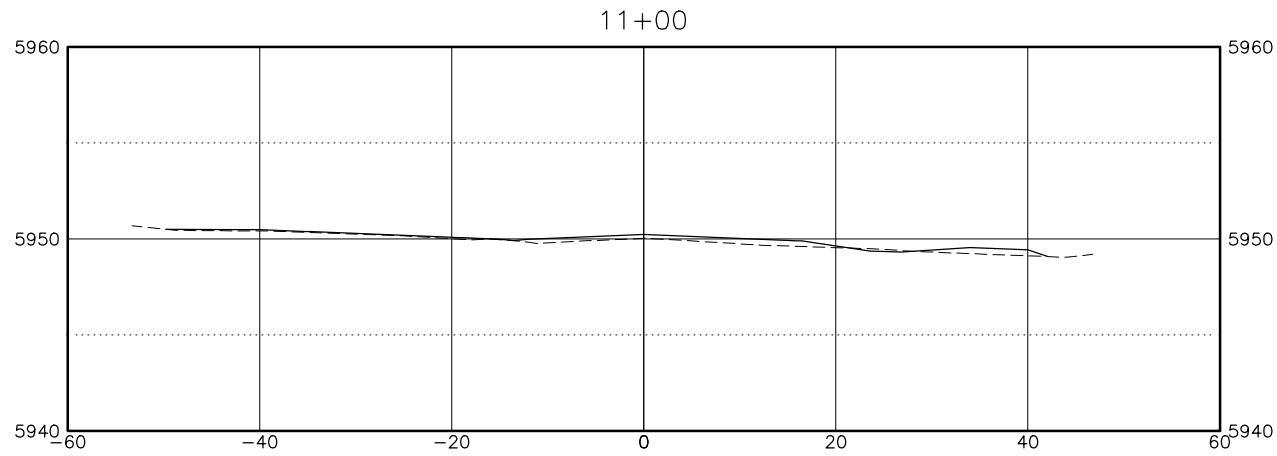
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LAST UPDATED: 2/20/2015

SHEET NUMBER:

C-203

Plot Date: 2/19/2015 3:11 PM, Plotted By: Erick Christiansen, Date Created: 2/19/2015, \\JUB\COMP\PROJECTS\JUB\GARDEN CITY\2014 GENERAL SERVICES\003 - PARKING LOT'S\00 SOUTH PARKING LOT\CAD\SHEET\57-14-017-003 - C-301X-1505.DWG



J-U-B ENGINEERS, INC.

J-U-B ENGINEERS, INC.
1047 South 100 West,
Suite 180
Logan, UT 84321
Phone: 435.713.9514
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NO.	REVISION	DESCRIPTION	BY	DATE

150 SOUTH STREET BEACH ACCESS PARKING
TOWN OF GARDEN CITY

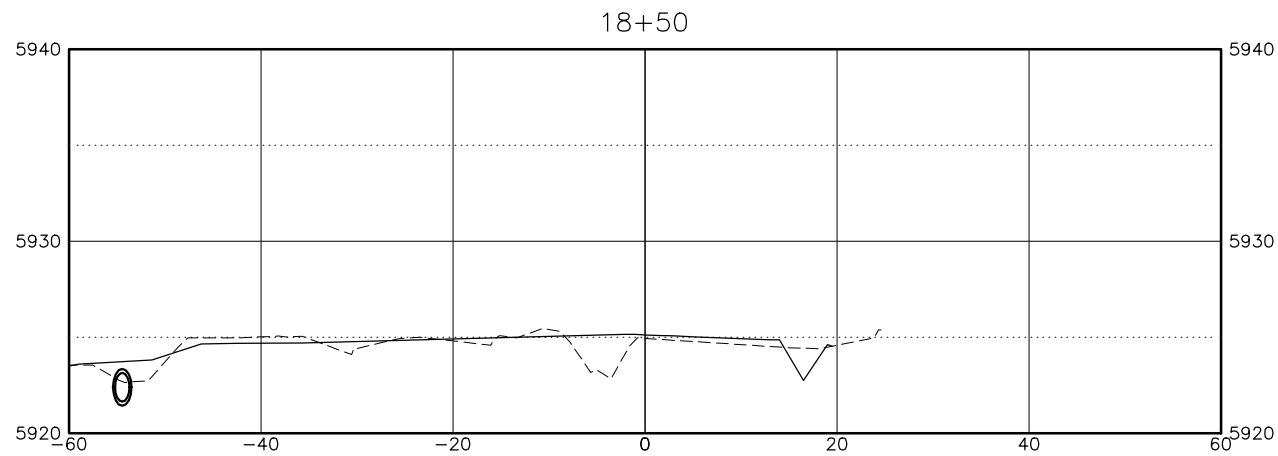
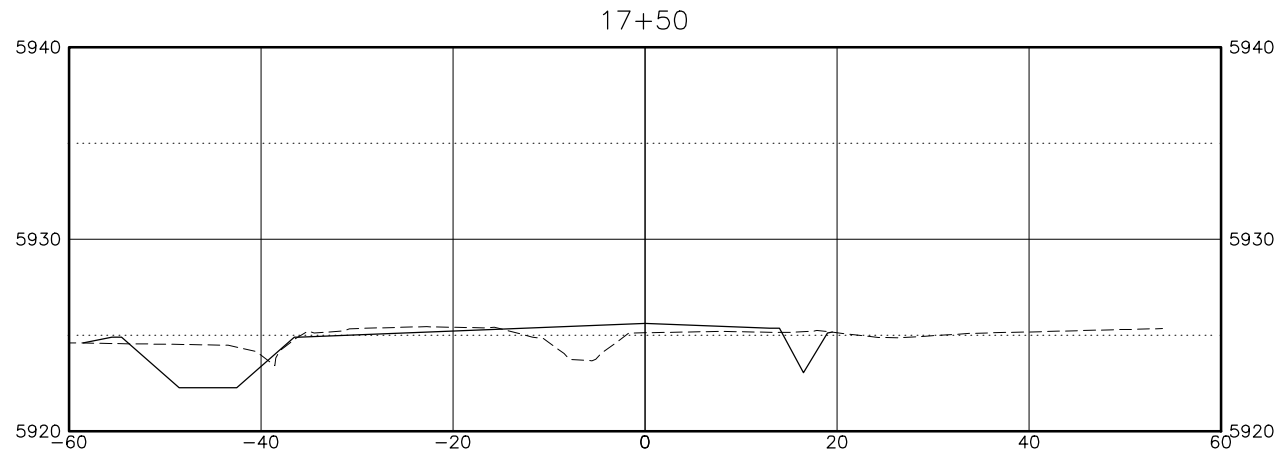
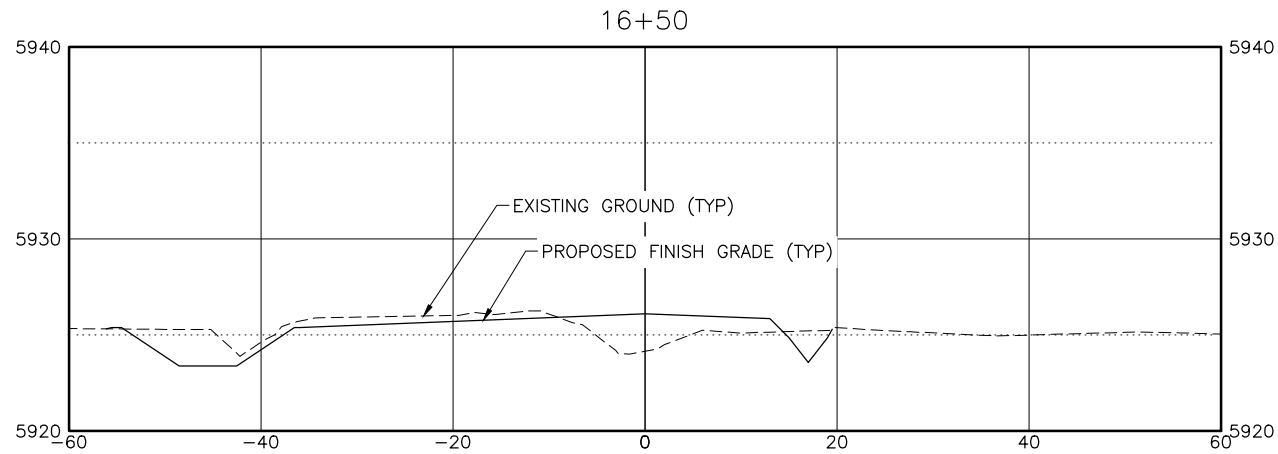
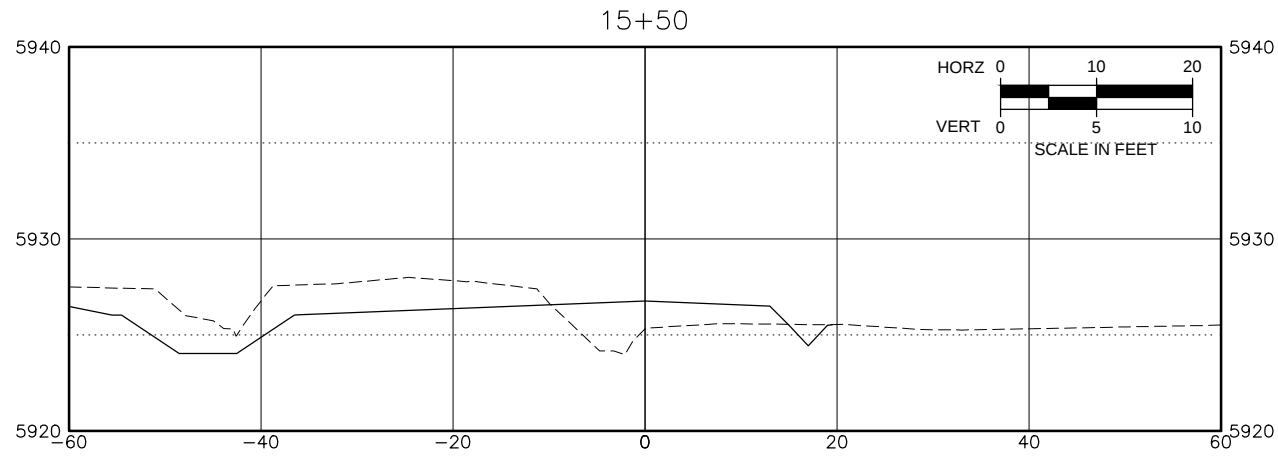
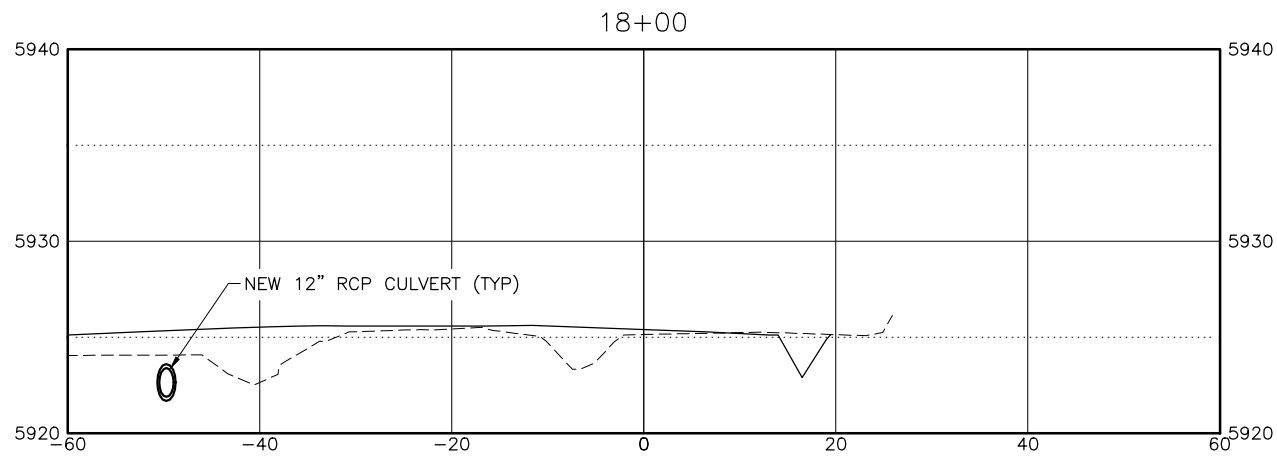
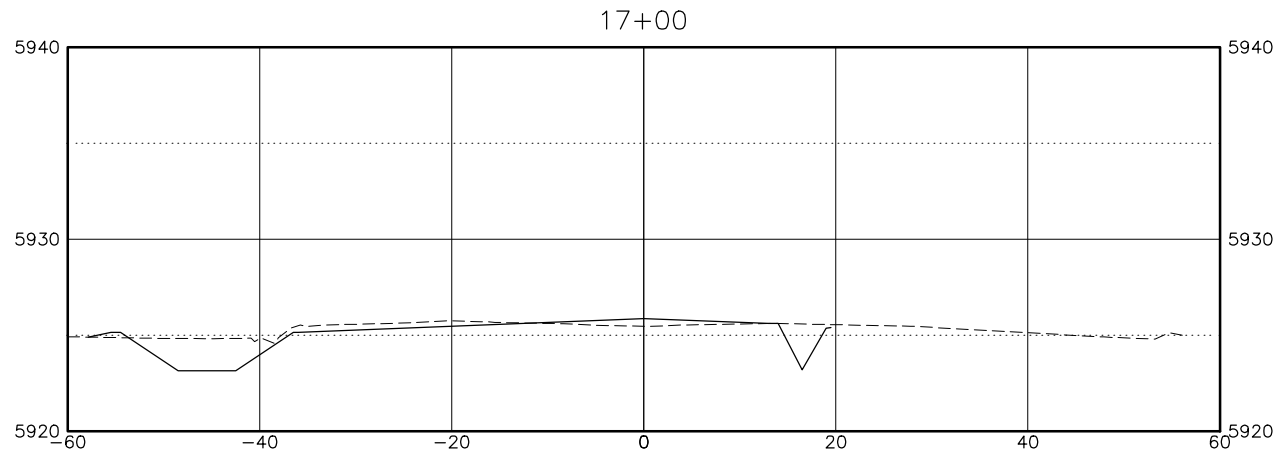
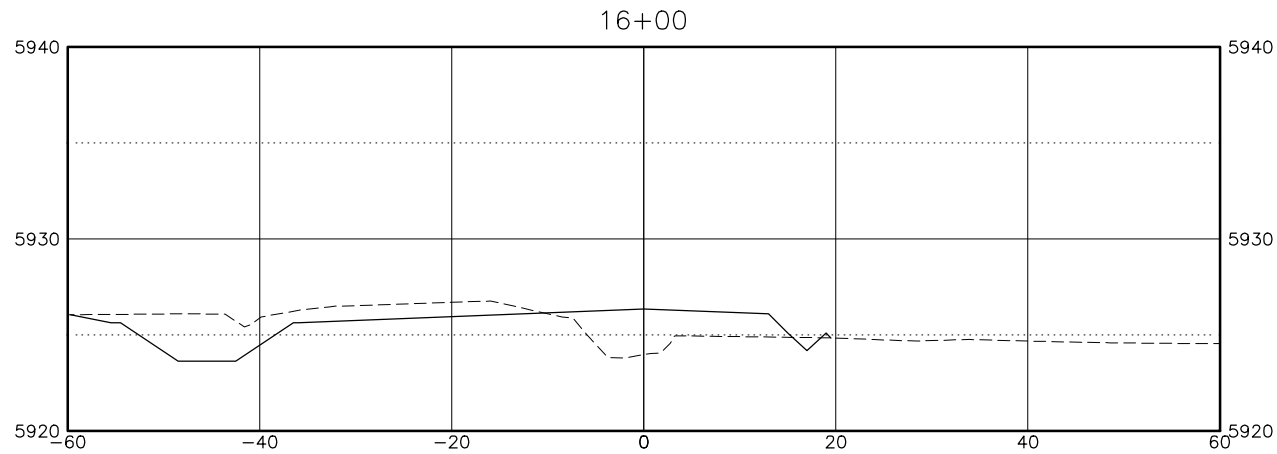
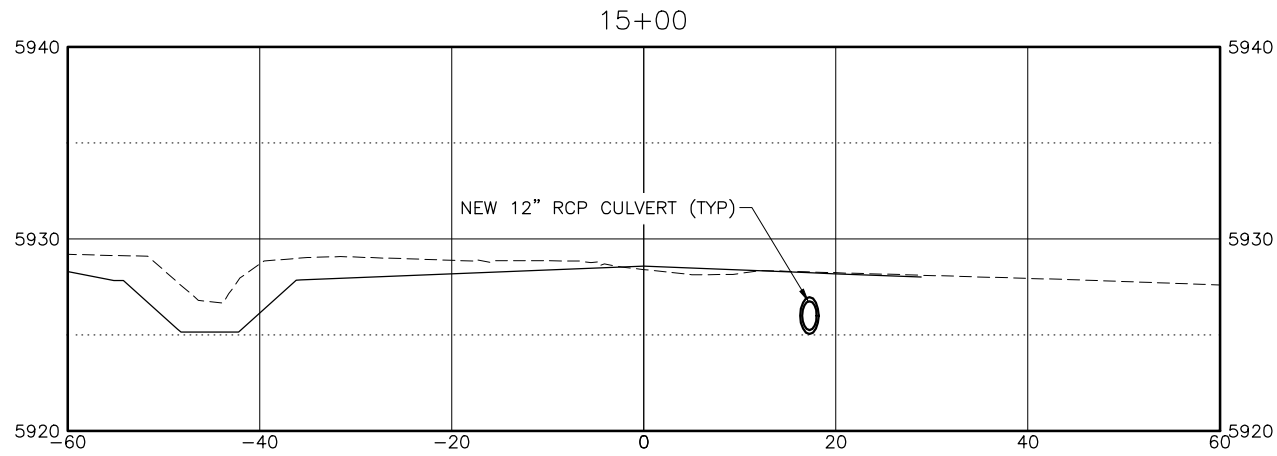
150 SOUTH ROADWAY CROSS SECTIONS

FILE: 57-14-017-003_C-301X-1505
JUB PROJ. #: 57-14-017-003
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LAST UPDATED: 2/19/2015

SHEET NUMBER:

C-301

Plot Date: 2/19/2015 3:11 PM, Plotted By: Erick Christensen, Date Created: 2/19/2015, \\JCGAN\PUBLIC\PROJECTS\JUB\GARDEN CITY\57-14-017 GARDEN CITY 2014 GENERAL SERVICES\003 PARKING LOT'S 150 SOUTH PARKING LOT CAD\SHEET\57-14-017-003 C-301X-150S.DWG



J-U-B ENGINEERS, INC.

J-U-B ENGINEERS, INC.
1047 South 100 West,
Suite 180
Logan, UT 84321
Phone: 435.713.9514
Fax: 435.713.9503
www.jub.com

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NO.	REVISION	DESCRIPTION	BY	DATE

150 SOUTH STREET BEACH ACCESS PARKING
TOWN OF GARDEN CITY

150 SOUTH ROADWAY CROSS SECTIONS

FILE: 57-14-017-003 C-301X-150S
JUB PROJ. #: 57-14-017-003
DRAWN BY: ELC
DESIGN BY: ZPM/ELC
CHECKED BY: ZPM
AT FULL SIZE, IF NOT ONE
INCH, SCALE ACCORDINGLY
LAST UPDATED: 2/19/2015

SHEET NUMBER:

C-302



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NO.	REVISION	DESCRIPTION	BY	DATE

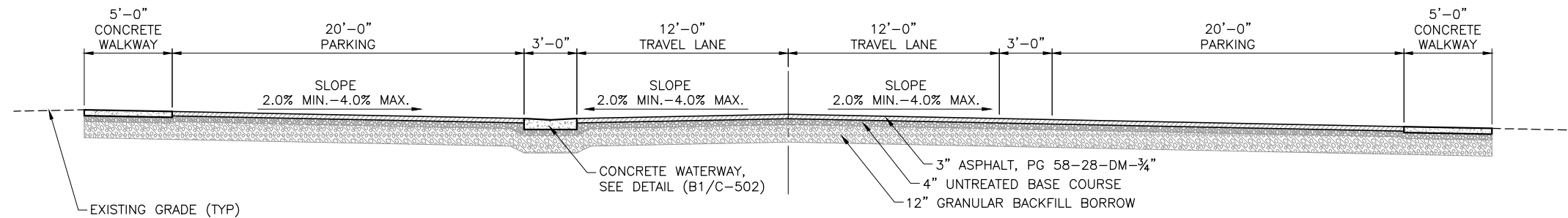
150 SOUTH STREET BEACH ACCESS PARKING
TOWN OF GARDEN CITY

TYPICAL ROADWAY SECTIONS

FILE: 57-14-017-003 C-501X-150S
JUB PROJ. #: 57-14-017-003
DRAWN BY: ELC
DESIGN BY: ZPM/ELC
CHECKED BY: ZPM
AT FULL SIZE, IF NOT ONE
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LAST UPDATED: 2/19/2015

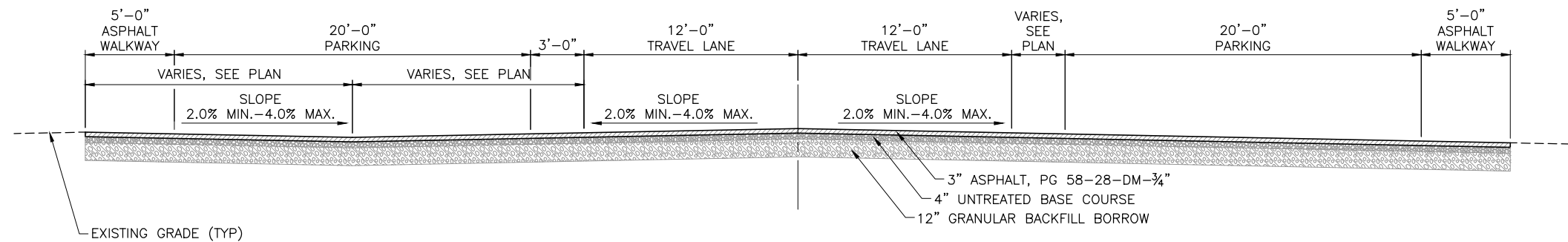
SHEET NUMBER:

C-501



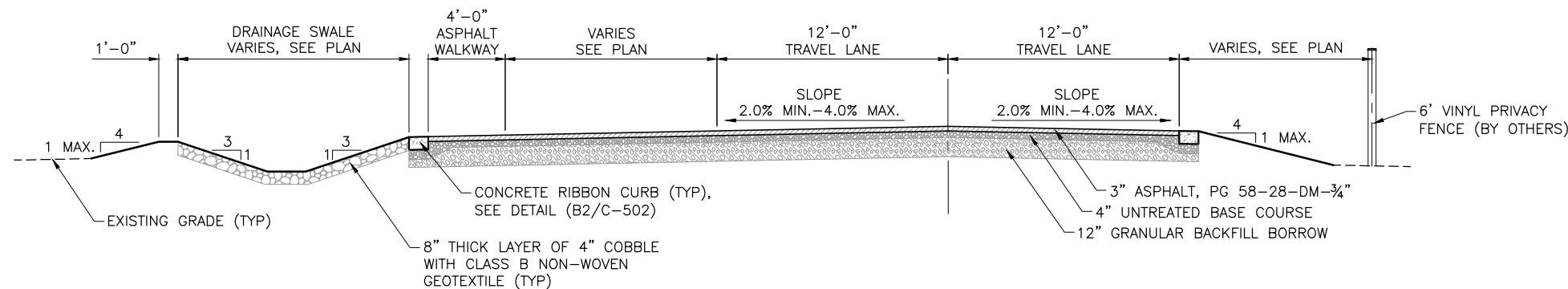
A1 TYPICAL ROADWAY CROSS-SECTION, STA. 10+45 TO STA. 11+70

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



B1 TYPICAL ROADWAY CROSS-SECTION, STA. 11+70 TO STA. 12+60

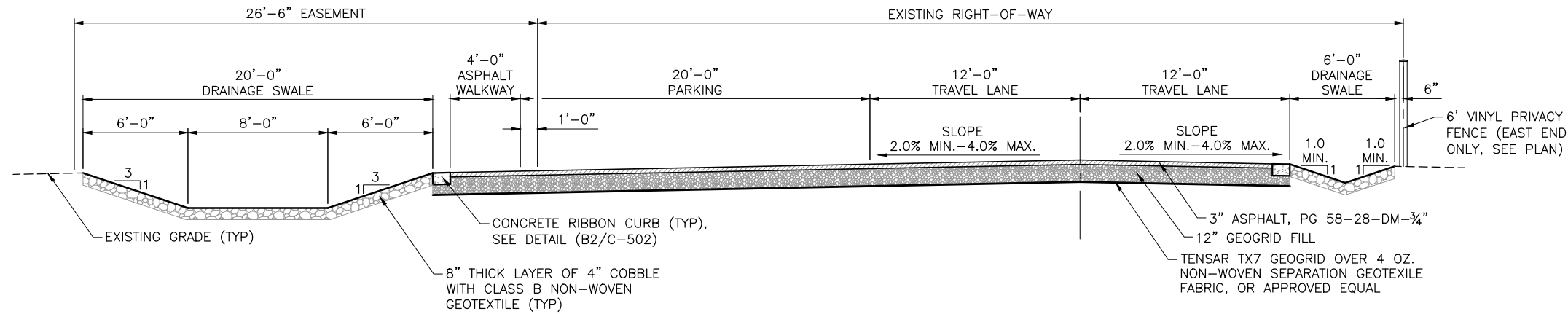
SCALE: 1/4" = 1'-0"



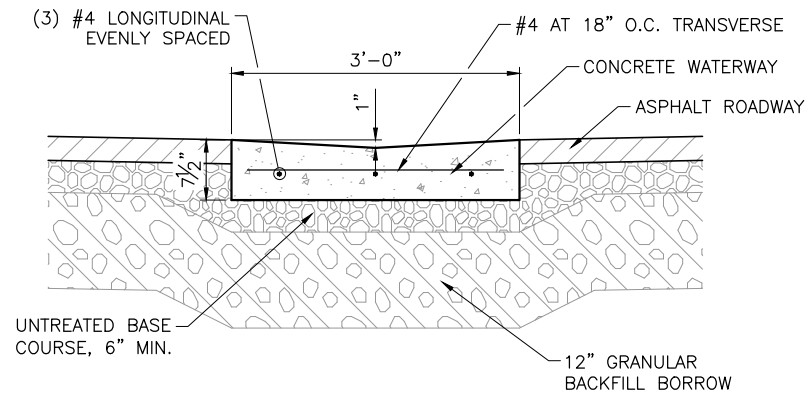
C1 TYPICAL ROADWAY CROSS-SECTION, STA. 12+60 TO STA. 14+50

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

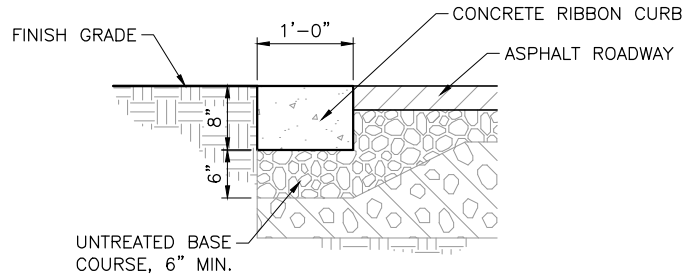
Plot Date: 2/20/2015 12:24 PM Plotted By: Erick Christiansen
Date Created: 2/18/2015 M:\COUNTY\PROJECTS\SUBGARDEN CITY\57-14-017 GARDEN CITY 2014 GENERAL SERVICES\903 PARKING LOT\516 SOUTH PARKING LOT\CAD\DWG\57-14-017-003 C-501X-1505.DWG



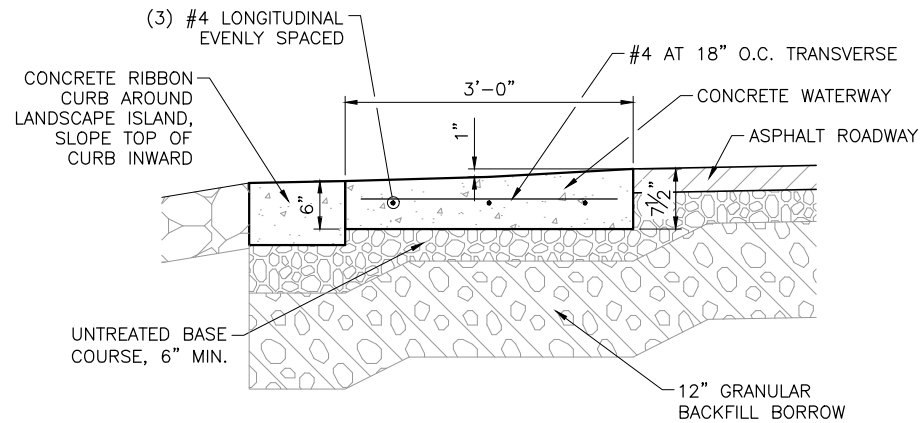
A1 **TYPICAL ROADWAY CROSS-SECTION, STA. 14+50 TO STA. 18+50**
SCALE: 1/4" = 1'-0"



B1 **CONCRETE WATERWAY DETAIL**
SCALE: 1" = 1'-0"



B2 **RIBBON CURB DETAIL**
SCALE: 1" = 1'-0"



B3 **CONCRETE SPILL WATERWAY DETAIL**
SCALE: 1" = 1'-0"



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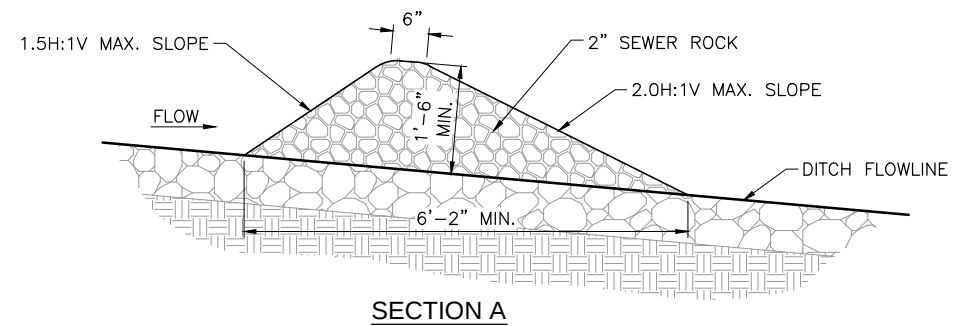
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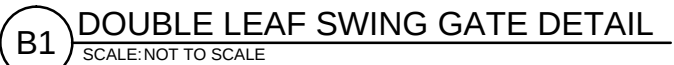
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NO.	DESCRIPTION	BY	DATE

150 SOUTH STREET BEACH ACCESS PARKING
TOWN OF GARDEN CITY

TYPICAL ROADWAY SECTIONS AND DETAILS

FILE: 57-14-017-003 C-501X-1505
JUB PROJ. #: 57-14-017-003
DRAWN BY: ELC
DESIGN BY: ZPM/ELC
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SHEET NUMBER:
C-502





57-14-017-003 C-501X-150S
 PROJ. #: 57-14-017-003
 IN BY: ELC
 IN BY: ZPM/ELC
 KED BY: ZPM

 AT FULL SCALE, IF NOT ONE
 INCH, SCALE ACCORDINGLY
 UPDATED: 2/19/2015
 SHEET NUMBER:
C-504