DRAWINGS OF PROPOSED IMPROVEMENTS

BALI HAI SANITARY SEWER EXTENSION

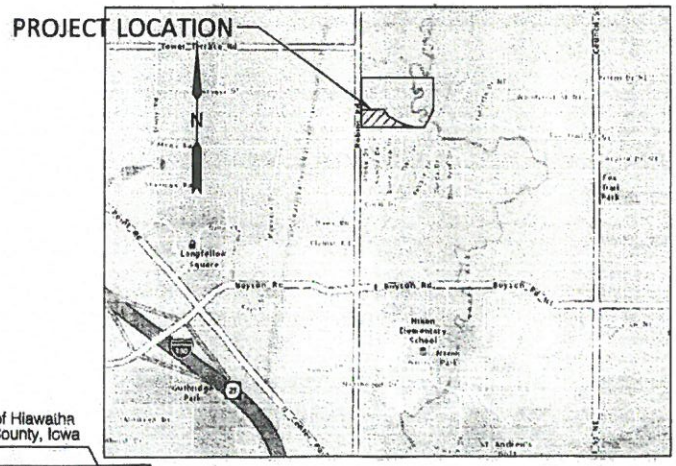
2100 BLOCK, ROBINS ROAD
CITY OF HIAWATHA, LINN COUNTY, IOWA

UTILITY AND EMERGENCY TELEPHONE NUMBERS
CITY OF HIAWATHA, IOWA

City Engineer	319-393-1515
Public Works	319-393-6601
Police Department	
Business	319-393-1515
Emergency	911
Fire Department	
Business	319-393-4180
Emergency	911
Sewer Maintenance Department	319-393-6601
Iowa One Call (Utilities)	811
Water Department	319-393-5556
Mid American Energy	319-298-5155
Century Link Communication	
Engineer (East Side)	319-399-7209
Engineer (West Side)	319-399-7665
Alliant (Electric, Steam)	
Business	319-398-4540
Locations	800-398-4555
ITC Midwest	319-297-6818
Mediacom	
Business	319-395-9699
Locations	800-292-8989
Paetec Communications	319-261-2000
AT&T(Telephone)	319-364-6111
Linn County REC	319-377-1587

IOWA ONE CALL
1-800-292-8989
www.iowaonecall.com

LOCATION MAP NO SCALE



OWNER:
BROWN INC.
3627 MIDWAY ROAD
TODDVILLE, IA 52341

CONTACT:
STEPHEN M. SCOTT
319-540-5263

SHEET INDEX

NO.	DESCRIPTION
A.01	Cover
C.01	Tabulations & General Notes
D.01-D.03	Plan and Profile
EC.01	Erosions and Sediment Control

Cedar Rapids Metro Design Standards, Standard Details, Standard Specifications and the City of Hiawatha Supplemental Specifications shall apply to construction work on this project.

LICENSED PROFESSIONAL ENGINEER
STEPHEN M. SCOTT
13842
IOWA

I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa.

STEPHEN M. SCOTT, P.E. Iowa Lic. No. 13842 Dec. 14, 2017

My license renewal date is December 31, 2018

Pages or sheets covered by this seal:

PAGES A.01, C.01, D.01–03, EC.01

City of Hiawatha, Iowa

City Engineer Approval

Date

SCOTT SURVEY INC

Stephen M. Scott, P.E. & L.S.
Civil Engineer & Land Surveyor

319-540-5263 www.scottsurvey.com
email@scottsurvey.com
P.O. Box 315, Center Point, IA 52213-0315

STS CIVIL

Matt Shook PE, MBA
Owner
Cell 319-350-8120
Email mshook@stscivil.com
Website stscivil.com
625 Ashford Dr NE
Cedar Rapids, IA 52402

F86

GENERAL NOTES

1. WHERE PUBLIC UTILITY FIXTURES ARE SHOWN AS EXISTING ON THE PLANS OR ENCOUNTERED WITHIN THE CONSTRUCTION AREA, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE OWNERS OF THOSE UTILITIES PRIOR TO BEGINNING OF ANY CONSTRUCTION. THE CONTRACTOR SHALL AFFORD ACCESS TO THESE FACILITIES FOR NECESSARY MODIFICATION OF SERVICES. UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS, AND THEREFORE THEIR LOCATION MUST BE CONSIDERED APPROXIMATE ONLY. IT IS POSSIBLE THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS PRESENTLY NOT KNOW OR SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THEIR EXISTENCE AND EXACT LOCATION AND TO AVOID DAMAGE THERETO. NO CLAIMS FOR ADDITIONAL COMPENSATION SHALL BE ALLOWED TO THE CONTRACTOR FOR ANY INTERFERENCE OR DELAY CAUSED BY SUCH WORK. CONTRACTOR SHALL CALL IOWA ONE CALL FOR UTILITY LOCATES.

2. ALL CONSTRUCTION SHALL BE ACCORDING TO THE CITY OF CEDAR RAPIDS METROPOLITAN AREA STANDARD SPECIFICATIONS AND DETAILS WHERE APPLICABLE.

3. ALL WASTE AND DEBRIS SHALL BE CLEANED UP AND REMOVED BY THE CONTRACTOR.

4. CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SAFETY INCLUDING ANY NECESSARY FENCING AND SIGNING OF THE SITE.

SEQUENCE OF EROSION CONTROL AND SEDIMENT CONTROL EVENTS

1. INSTALL EROSION CONTROL MEASURES AND A TEMPORARY CONSTRUCTION ENTRANCE
2. STRIP ANY TOPSOIL PRESENT WITHIN CONSTRUCTION LIMITS AND STOCKPILE
3. INSTALL SANITARY SEWER AND SERVICE
4. REPLACE TOPSOIL AND STABILIZE SITE WITH PERMANENT SEEDING
5. WHEN CONSTRUCTION IS COMPLETE AND SITE IS STABILIZED WITH PEMANENT SEEDING, REMOVE ACCUMULATED SEDIMENT FROM SILT FENCE AND THEN REMOVE SILT FENCE AND RESEED ANY AREAS DISTURBED BY ITS REMOVAL.

NOTES:

-WHENEVER POSSIBLE, EXISTING VEGETATION SHALL BE LEFT UNDISTURBED

-ALL DISTURBED AREAS SHALL BE STABILIZED IMMEDIATELY AFTER CONSTRUCTION ACTIVITY CEASES

-CONTRACTOR WILL MAKE ARRANGEMENTS TO SEE THAT THE EC AND SC PRACTICES ARE IN PLACE AND BEING PROPERLY MAINTAINED

EROSION CONTROL INSPECTION AND MAINTENANCE PRACTICES

1. CONTRACTOR SHALL KEEP OPEN AREAS TO A MINIMUM.

2. ALL CONTROL MEASURES SHALL BE INSPECTED AT LEAST ONCE EACH WEEK AND FOLLOWING ANY STORM EVENT OF 0.5 INCHES OR GREATER.

3. ALL MEASURES SHALL BE MAINTAINED IN GOOD WORKING ORDER; IF A REPAIR IS NECESSARY, IT SHALL BE INITIATED WITHIN 24 HOURS OF REPORT.

4. BUILT UP SEDIMENT WILL BE REMOVED FROM SILT FENCE OR FILTER SOCK WHEN SEDIMENT REACHES HALF THE HEIGHT OF SOCK.

5. SILT FENCE SHALL BE INSPECTED FOR DEPTH OF SEDIMENT, TEARS, TO SEE IF THE FABRIC IS SECURELY ATTACHED TO THE FENCE POSTS, AND TO SEE THAT THE FENCE POSTS ARE FIRMLY IN THE GROUND.

6. TEMPORARY SEEDING AND PLANTING SHALL BE INSPECTED FOR BARE SPOTS, WASHOUTS, AND HEALTHY GROWTH.

7. MAINTAIN/REPLACE DAMAGED SEDIMENT CONTROLS AND CLEANUP ANY SEDIMENT THAT HAS BEEN CARRIED OFF-SITE BY VEHICLES AND/OR STORM RUNOFF.

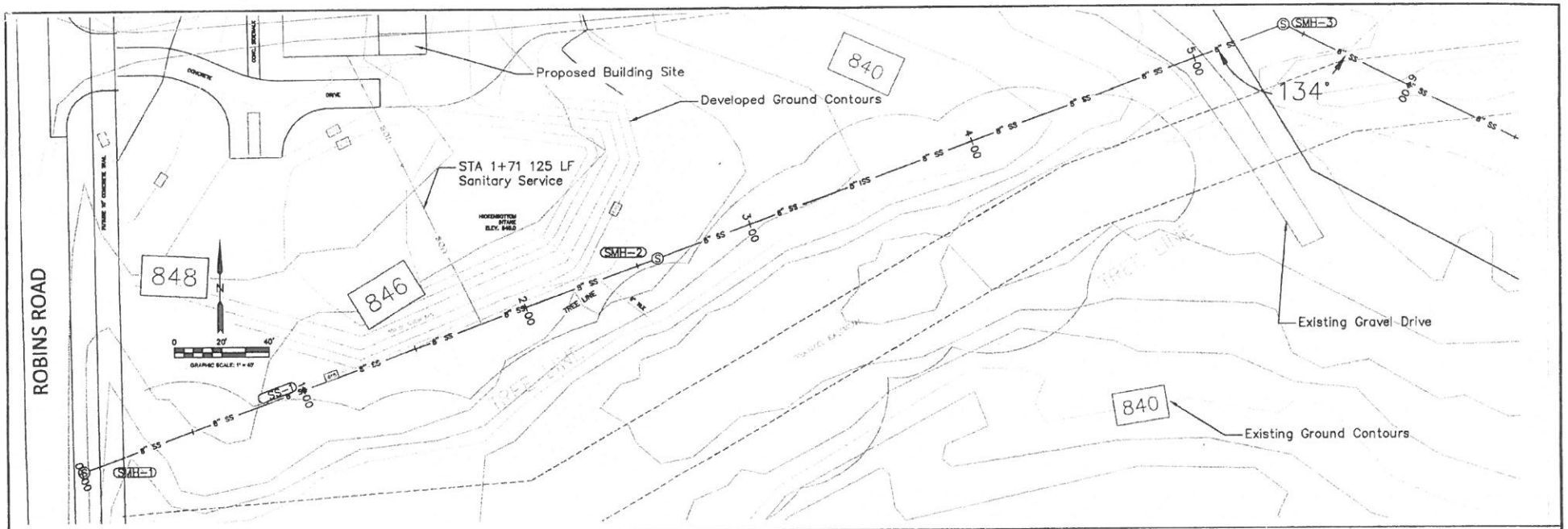
8. MONITOR AND CLEAN ANY OFF-SITE TRACKING

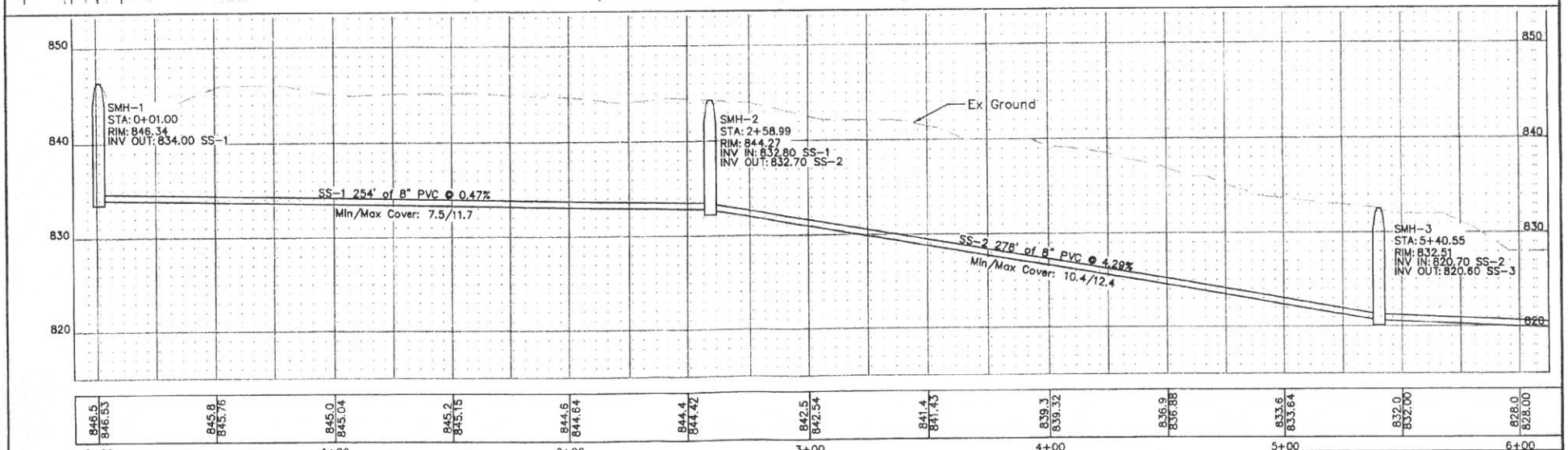
SANITARY SEWER MANHOLES

NO.	DIAMETER	RIM	NORTHING	EASTING	INVERT IN	INVERT OUT	NOTES
SMH-1	48"	846.34	3488554.15	5417457.99		SS-1 834.00	
SMH-2	48"	844.27	3488642.93	5417700.22	SS-1 832.80	SS-2 832.70	
SMH-3	48"	832.51	3488739.83	5417964.58	SS-2 820.70	SS-3 820.60	
SMH-4	48"	829.04	3488568.93	5418315.14	SS-3 816.40	SS-4 816.30	
SMH-EX A	48"	822.35	3488526.77	5418652.58	SS-4 814.70	SS-EX PA 813.92	
SMH-EX B	48"	822.27	3488606.43	5418702.04	SS-EX PA 813.22		

SANITARY SEWER

NO.	SIZE	LENGTH	SLOPE	FROM MH	FLOWLINE IN	FLOWLINE OUT	TO MH	NOTES
SS-1	8	254'	0.47%	SMH-1	834.00	832.80	SMH-2	
SS-2	8	278'	4.29%	SMH-2	832.70	820.70	SMH-3	
SS-3	8	386'	1.08%	SMH-3	820.60	816.40	SMH-4	
SS-4	8	336'	0.47%	SMH-4	816.30	814.70	SMH-EX A	
SS-EX PA	8	90'	0.78%	SMH-EX A	813.92	813.22	SMH-EX B	





No.	DATE	REVISION	BY

PREPARED FOR: Brown Inc, 319-363-3444

SCOTT SURVEY INC

PREPARED BY: Scott Survey Inc., 319-540-5263, email@scottsurvey.com

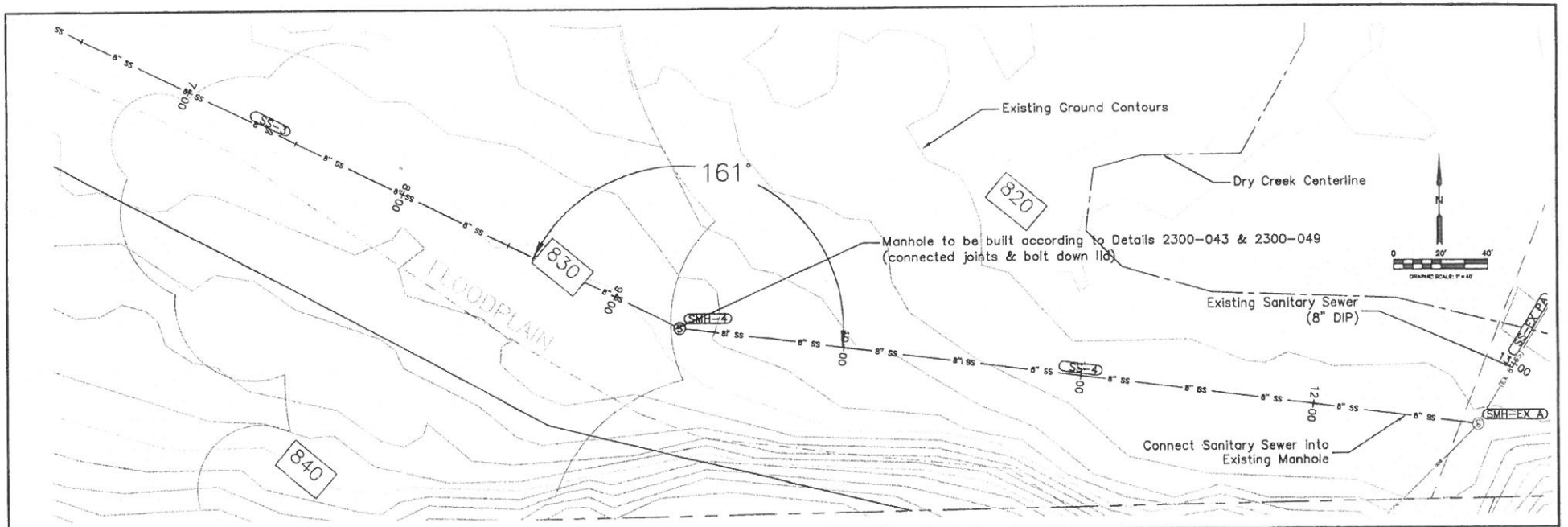
BALI HAI SANITARY

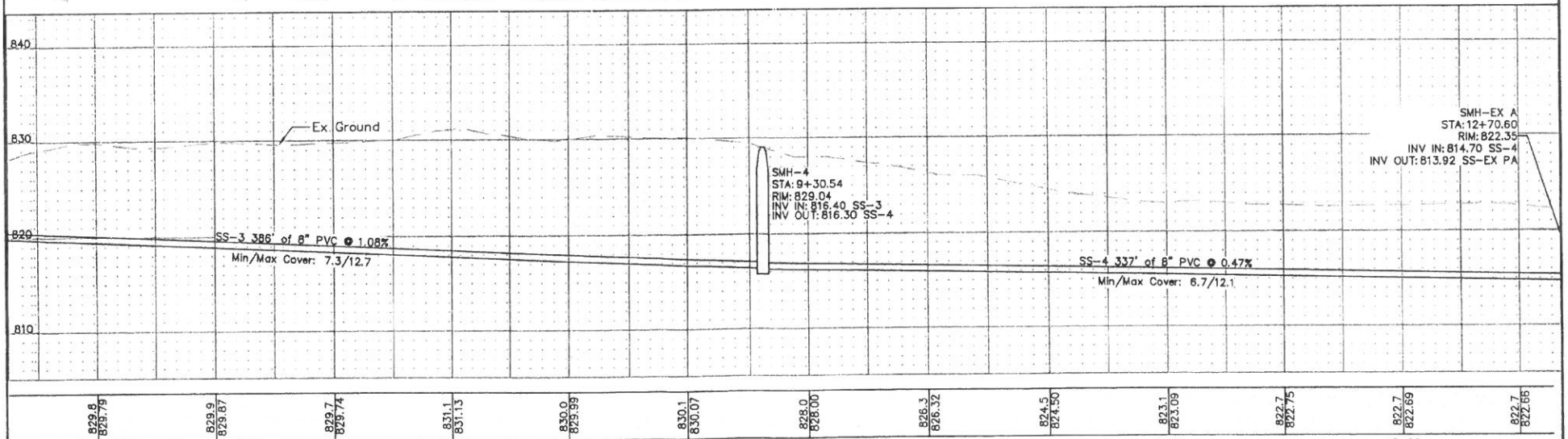
SANITARY PLAN AND PROFILE

Date: 12/13/2017

Project: 1761802

Sheet No. D.01 OF D.03





No.	DATE	REVISION	BY

PREPARED FOR
Brown Inc
319-363-3444

SCOTT SURVEY INC

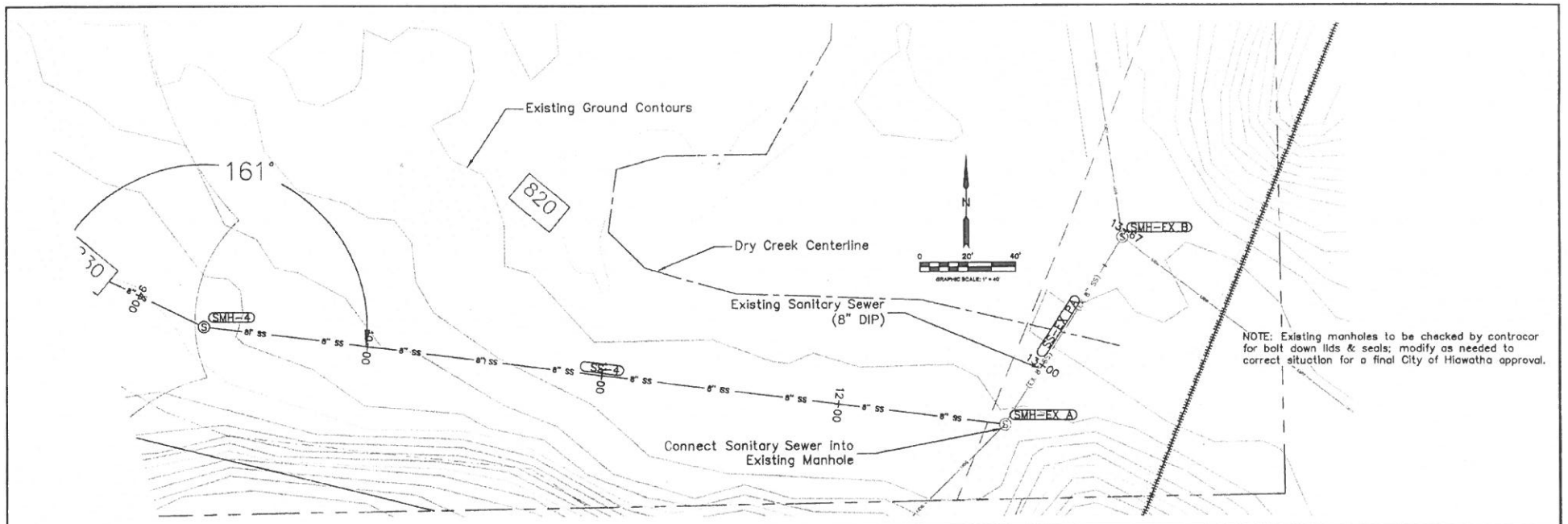
PREPARED BY
Scott Survey Inc.
319-540-5263
email@scottsurvey.com

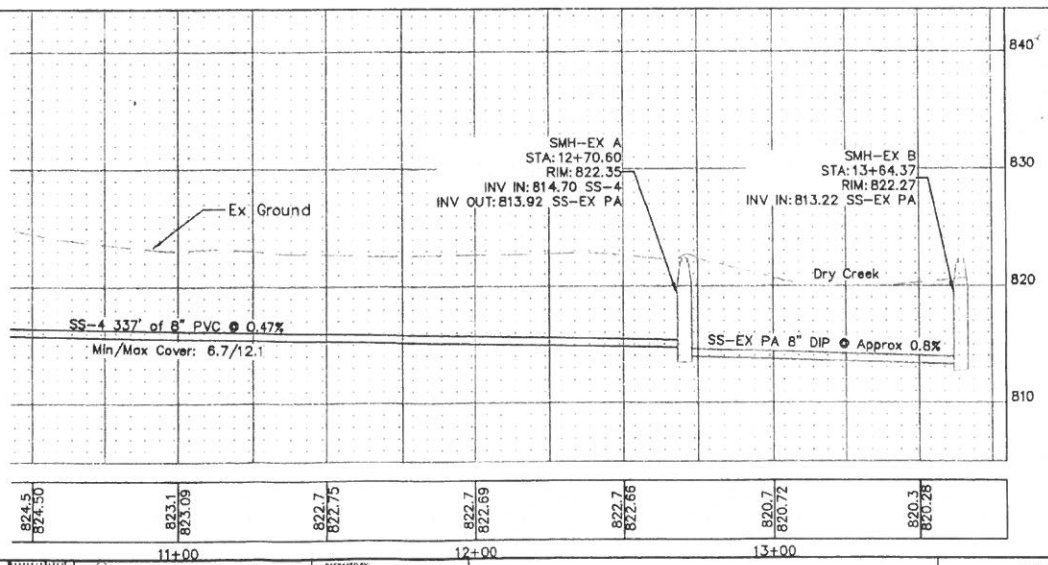
BALI HAI SANITARY

SANITARY
PLAN AND PROFILE

Date 12/13/2017
Project 1761802

Sheet No. D.02 OF D.03





NO.	DATE	REVISION	BY

PREPARED FOR: Brown Inc, 319-363-3444

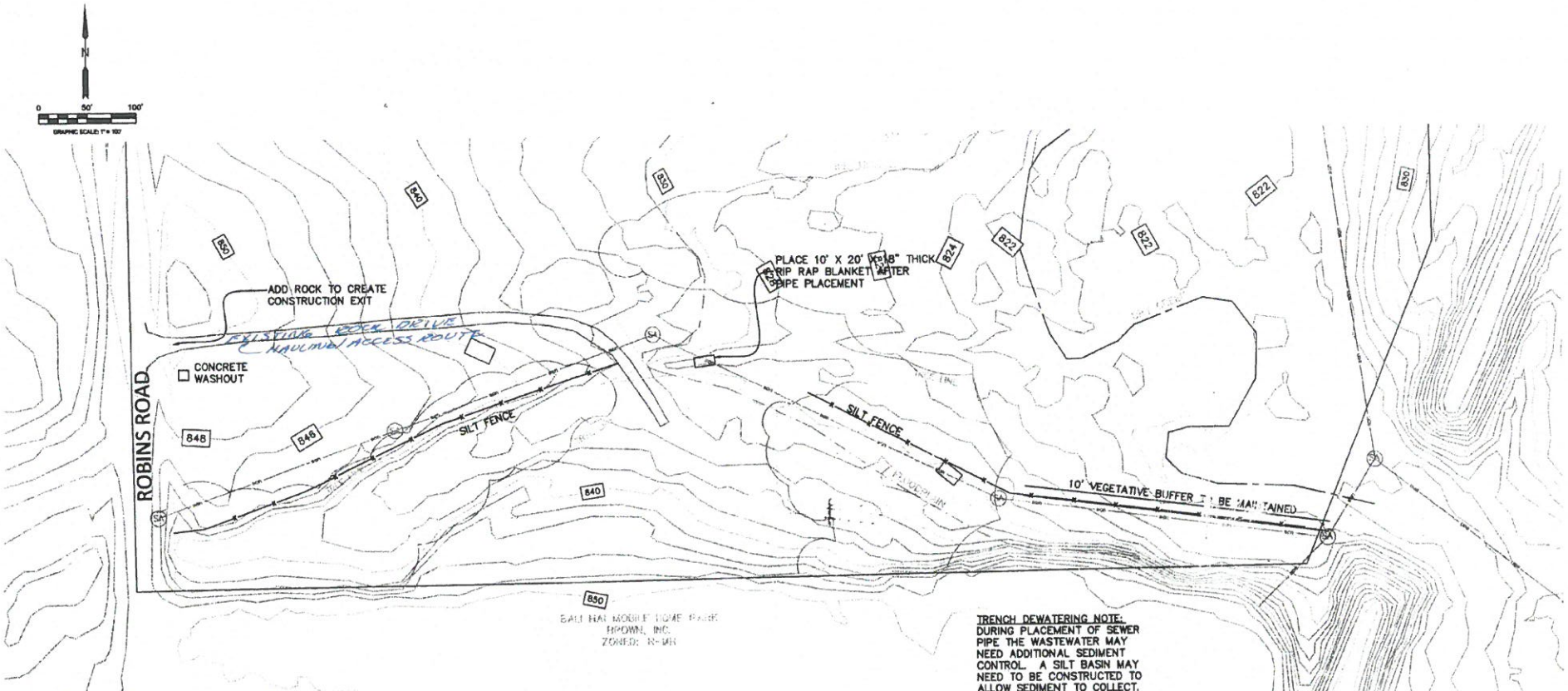
SCOTT SURVEY INC

PREPARED BY: Scott Survey Inc. 319-540-5263 email@scottsurvey.com

BALI HAI SANITARY

SANITARY PLAN AND PROFILE

Date: 12/13/2017
Project: 1761802
Sheet No.: D.03 OF D.03



TRENCH DEWATERING NOTE:
DURING PLACEMENT OF SEWER PIPE THE WASTEWATER MAY NEED ADDITIONAL SEDIMENT CONTROL. A SILT BASIN MAY NEED TO BE CONSTRUCTED TO ALLOW SEDIMENT TO COLLECT. DEWATER SHOULD NOT BE EMPTIED DIRECTLY INTO DRY CREEK.

EROSION AND SEDIMENT CONTROL NOTES:
1) WHEREVER POSSIBLE, EXISTING VEGETATION SHALL BE LEFT UNDISTURBED.
2) ALL DISTURBED AREAS SHALL BE STABILIZED IMMEDIATELY AFTER SOIL DISTURBING ACTIVITIES CEASE.

SEQUENCE NOTES
1) PROVIDE STABILIZED CONSTRUCTION ENTRANCE PER METRO STANDARD DETAIL 1300-060.
2) SILT FENCE (OR FILTER SOCK) WILL BE PLACED BY THE CONTRACTOR PRIOR TO BEGINNING GRADING ALONG THE PERIMETER OF THE PROJECT AT LOCATIONS IN WHICH RUNOFF CAN MOVE OFFSITE.
3) REFER TO PROJECT SWPPP FOR COMPLETE DETAILS AND REQUIREMENTS ON MAINTENANCE, PLACEMENT, AND RECORD KEEPING IN ORDER TO KEEP IN COMPLIANCE WITH THE TERMS AND CONDITIONS OF THE SWPPP DEVELOPED UNDER THE NPDES PERMIT.
4) ROLLED EROSION CONTROL PRODUCTS ARE RECOMMENDED FOR STEEP SLOPES UPON COMPLETION OF SOIL DISTURBING ACTIVITIES.

No.	DATE	REVISION	BY	PREPARED FOR: Brown Inc 319-363-3444	SCOTT SURVEY INC	PREPARED BY: Scott Survey Inc. 319-540-5263 email@scottsurvey.com	BALI HAI SANITARY	EROSIONS AND SEDIMENT CONTROL	Date 12/13/2017 Project 1761802	Sheet No. EC.01 OF EC.01

Hiawatha!™

Final Plat of Improvements for Bali Hai First Addition

January 10, 2018

The Water Department has completed inspection and reviewed Bali Hai's First Addition Final Plat of improvements that were submitted by Scott Survey. The Final Plat shows a 10" utility easement along Robins Road.

The Water Department recommends approval of Bali Hai First Addition.

Marty Recker

Water Superintendent

Cc. Kelly Kornegor, City Clerk

WATER DEPARTMENT • P.O. BOX 485 • HIAWATHA, IA 52233-0485 • PHONE (319) 393-5556 • FAX (319) 393-1516

DRAFT

RESOLUTION NO. 18-
City of Hiawatha

RESOLUTION GRANTING AUTHORIZATION TO PROCEED WITH IMPROVEMENTS INSTALLATION BALI HAI FIRST ADDITION

WHEREAS, plans, profiles, cross sections, and specifications for construction of improvements in Bali Hai First Addition to the City of Hiawatha, Linn County, Iowa have been submitted to the City of Hiawatha, and

WHEREAS, the City Engineer has reviewed said plans, profiles, cross sections and specifications for construction of improvements in Bali Hai First Addition to the City of Hiawatha, Linn County, Iowa, and recommends that they are in conformance to preliminary plat and design standards of the City of Hiawatha, and

WHEREAS, the Hiawatha Water Department has reviewed the plan of improvements for Bali Hai First Addition to the City of Hiawatha, Linn County, Iowa, and recommends approval, and

NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF HIAWATHA, IOWA, to grant permission for Contractor to proceed with installation of improvements in Bali Hai First Addition to the City of Hiawatha, Linn County, Iowa.

AYES:
NAYS:
ABSENT:

PASSED AND APPROVED this 21st day of March, 2018.

_____
Bill Bennett, Mayor

ATTEST:

_____
Kelly Kornegor, City Clerk