

# REPLACE BUILDING 7 UNDERGROUND STORAGE TANK

IOWA CITY, IA  
DVA NO. 636A8-12-004  
ISSUED FOR 100% REVIEW  
SEPTEMBER 30, 2011

## —+ SHEET INDEX

- 7-T1      Cover Sheet
- LANDSCAPING
- 7-L1      Landscaping Plan
- MECHANICAL
- 7-M1      Mechanical and Site Demolition Plans
- 7-M2      Mechanical and Site Plans
- 7-M3      Mechanical Details
- ELECTRICAL
- 7-E1      Electrical Site Demolition Plans
- 7-E2      Electrical Site Plans

## —+ CERTIFICATIONS

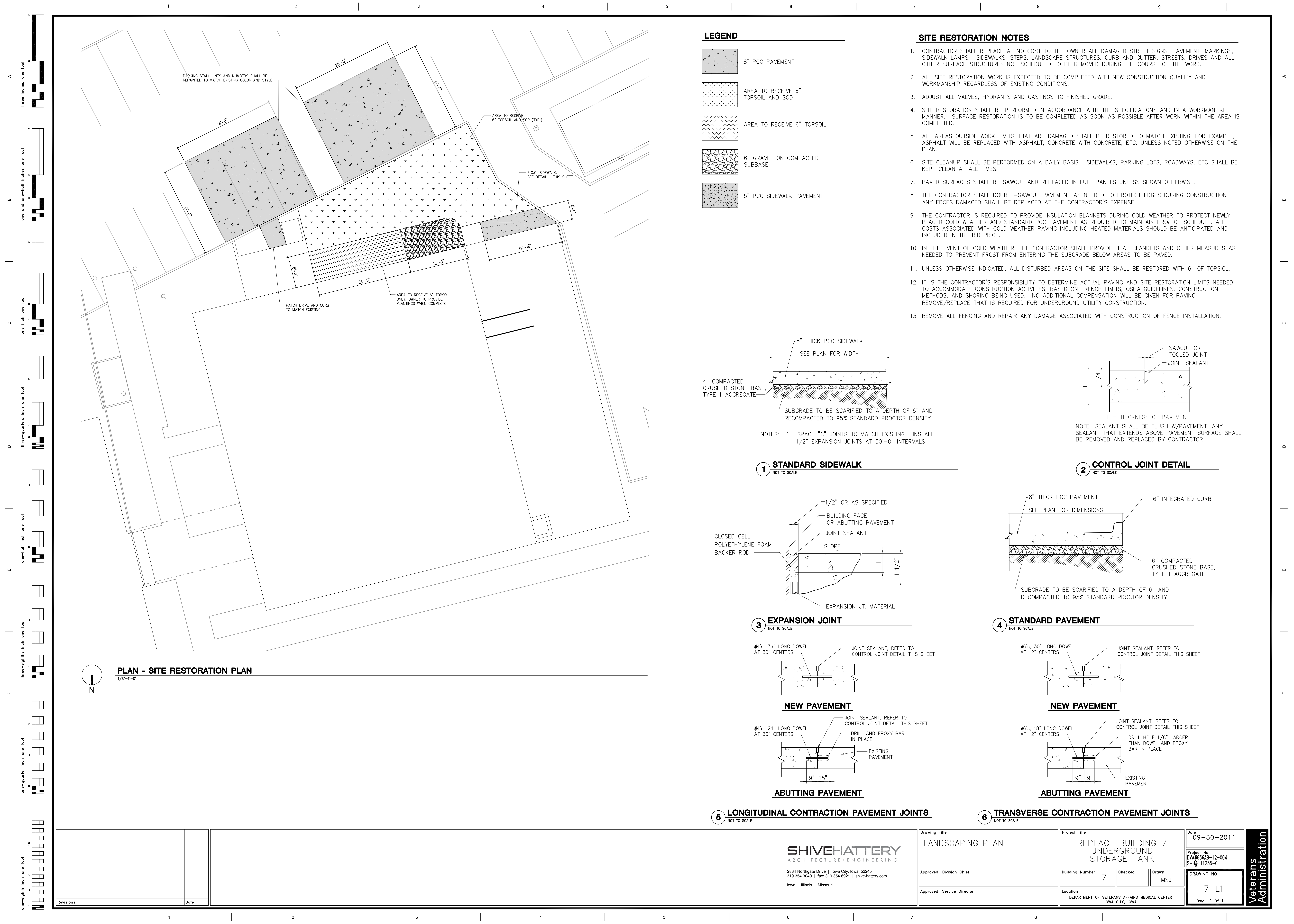
	I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT DESCRIBED BELOW WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA.	
	SIGNATURE: _____	
	NAME: <u>TIMOTHY R. FEHR, PE</u>	
	DATE: _____	LICENSE NUMBER: <u>12877</u>
	MY LICENSE RENEWAL DATE (S): <u>DECEMBER 31, 2011</u>	
	PAGES, SHEETS OR DIVISIONS COVERED BY THIS SEAL: _____	
	_____	
	_____	
	_____	
	_____	

	I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT DESCRIBED BELOW 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.	
	SIGNATURE: _____	
	NAME: <u>JAKE J. HENKLE, PE</u>	
	DATE: _____	LICENSE NUMBER: <u>12668</u>
	MY LICENSE RENEWAL DATE (S): <u>DECEMBER 31, 2012</u>	
	PAGES, SHEETS OR DIVISIONS COVERED BY THIS SEAL: _____	
	_____	
	_____	
	_____	
	_____	

<div>Revisions</div> <div>Date</div>				<div>SHIVEHATTERY</div> <div>ARCHITECTURE+ENGINEERING</div> <div>2834 Northgate Drive   Iowa City, Iowa 52245</div> <div>319.354.3040   fax: 319.354.6921   shive-hattery.com</div> <div>Iowa   Illinois   Missouri</div>	Drawing Title		Project Title		Date	
					TITLE SHEET		REPLACE BUILDING 7 UNDERGROUND STORAGE TANK		09-30-2011	
					Approved: Division Chief		Building Number <u>7</u>		Checked TRF	Drawn MSJ
					Approved: Service Director		Location DEPARTMENT OF VETERANS AFFAIRS MEDICAL CENTER IOWA CITY, IOWA		DRAWING NO.  7-T1  Dwg. 1 Of 1	

Veterans Administration



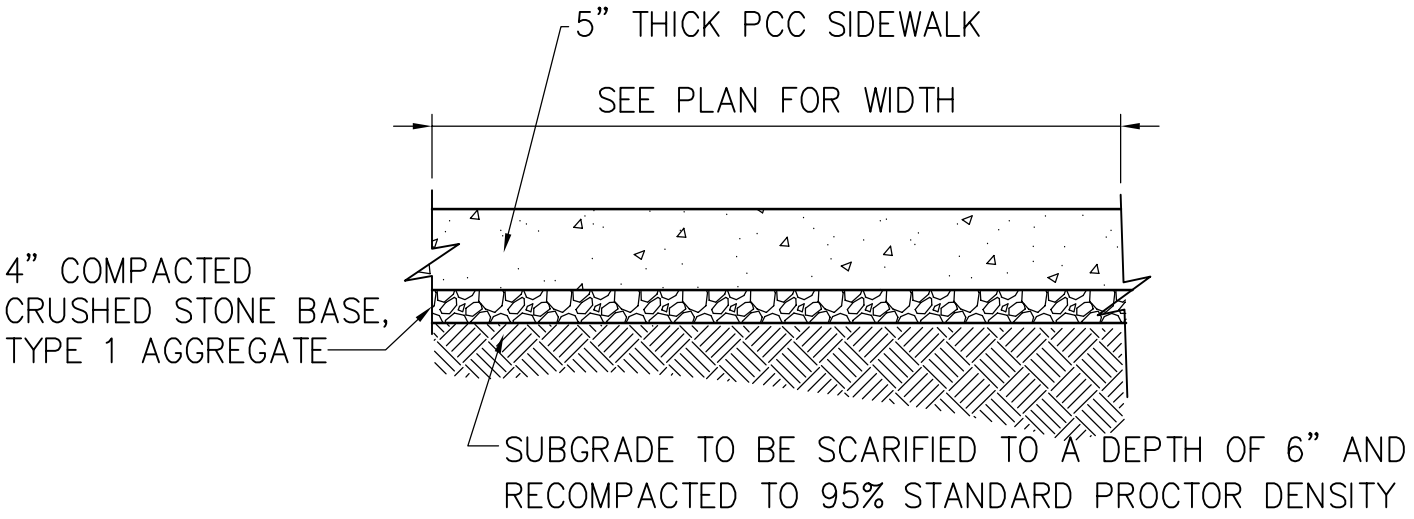


LEGEND

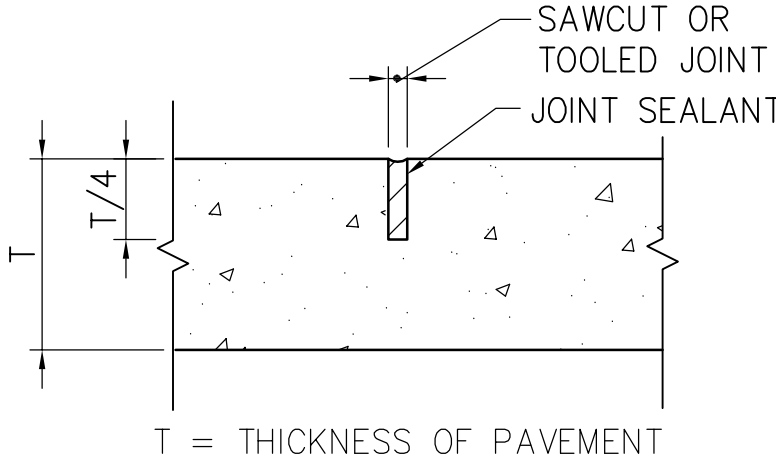
- 8" PCC PAVEMENT
- AREA TO RECEIVE 6" TOPSOIL AND SOD
- AREA TO RECEIVE 6" TOPSOIL
- 6" GRAVEL ON COMPACTED SUBBASE
- 5" PCC SIDEWALK PAVEMENT

SITE RESTORATION NOTES

- CONTRACTOR SHALL REPLACE AT NO COST TO THE OWNER ALL DAMAGED STREET SIGNS, PAVEMENT MARKINGS, SIDEWALK LAMPS, SIDEWALKS, STEPS, LANDSCAPE STRUCTURES, CURB AND GUTTER, STREETS, DRIVES AND ALL OTHER SURFACE STRUCTURES NOT SCHEDULED TO BE REMOVED DURING THE COURSE OF THE WORK.
- ALL SITE RESTORATION WORK IS EXPECTED TO BE COMPLETED WITH NEW CONSTRUCTION QUALITY AND WORKMANSHIP REGARDLESS OF EXISTING CONDITIONS.
- ADJUST ALL VALVES, HYDRANTS AND CASTINGS TO FINISHED GRADE.
- SITE RESTORATION SHALL BE PERFORMED IN ACCORDANCE WITH THE SPECIFICATIONS AND IN A WORKMANLIKE MANNER. SURFACE RESTORATION IS TO BE COMPLETED AS SOON AS POSSIBLE AFTER WORK WITHIN THE AREA IS COMPLETED.
- ALL AREAS OUTSIDE WORK LIMITS THAT ARE DAMAGED SHALL BE RESTORED TO MATCH EXISTING. FOR EXAMPLE, ASPHALT WILL BE REPLACED WITH ASPHALT, CONCRETE WITH CONCRETE, ETC. UNLESS NOTED OTHERWISE ON THE PLAN.
- SITE CLEANUP SHALL BE PERFORMED ON A DAILY BASIS. SIDEWALKS, PARKING LOTS, ROADWAYS, ETC SHALL BE KEPT CLEAN AT ALL TIMES.
- PAVED SURFACES SHALL BE SAWCUT AND REPLACED IN FULL PANELS UNLESS SHOWN OTHERWISE.
- THE CONTRACTOR SHALL DOUBLE-SAWCUT PAVEMENT AS NEEDED TO PROTECT EDGES DURING CONSTRUCTION. ANY EDGES DAMAGED SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR IS REQUIRED TO PROVIDE INSULATION BLANKETS DURING COLD WEATHER TO PROTECT NEWLY PLACED COLD WEATHER AND STANDARD PCC PAVEMENT AS REQUIRED TO MAINTAIN PROJECT SCHEDULE. ALL COSTS ASSOCIATED WITH COLD WEATHER PAVING INCLUDING HEATED MATERIALS SHOULD BE ANTICIPATED AND INCLUDED IN THE BID PRICE.
- IN THE EVENT OF COLD WEATHER, THE CONTRACTOR SHALL PROVIDE HEAT BLANKETS AND OTHER MEASURES AS NEEDED TO PREVENT FROST FROM ENTERING THE SUBGRADE BELOW AREAS TO BE PAVED.
- UNLESS OTHERWISE INDICATED, ALL DISTURBED AREAS ON THE SITE SHALL BE RESTORED WITH 6" OF TOPSOIL.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ACTUAL PAVING AND SITE RESTORATION LIMITS NEEDED TO ACCOMMODATE CONSTRUCTION ACTIVITIES, BASED ON TRENCH LIMITS, OSHA GUIDELINES, CONSTRUCTION METHODS, AND SHORING BEING USED. NO ADDITIONAL COMPENSATION WILL BE GIVEN FOR PAVING REMOVE/REPLACE THAT IS REQUIRED FOR UNDERGROUND UTILITY CONSTRUCTION.
- REMOVE ALL FENCING AND REPAIR ANY DAMAGE ASSOCIATED WITH CONSTRUCTION OF FENCE INSTALLATION.



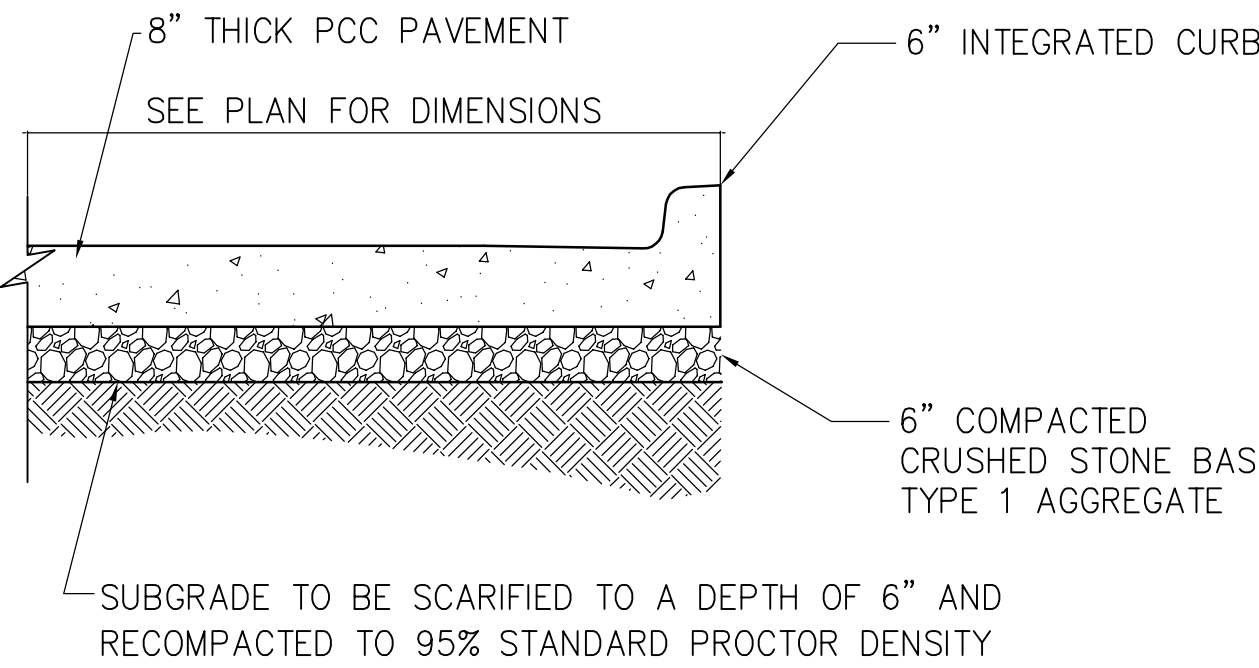
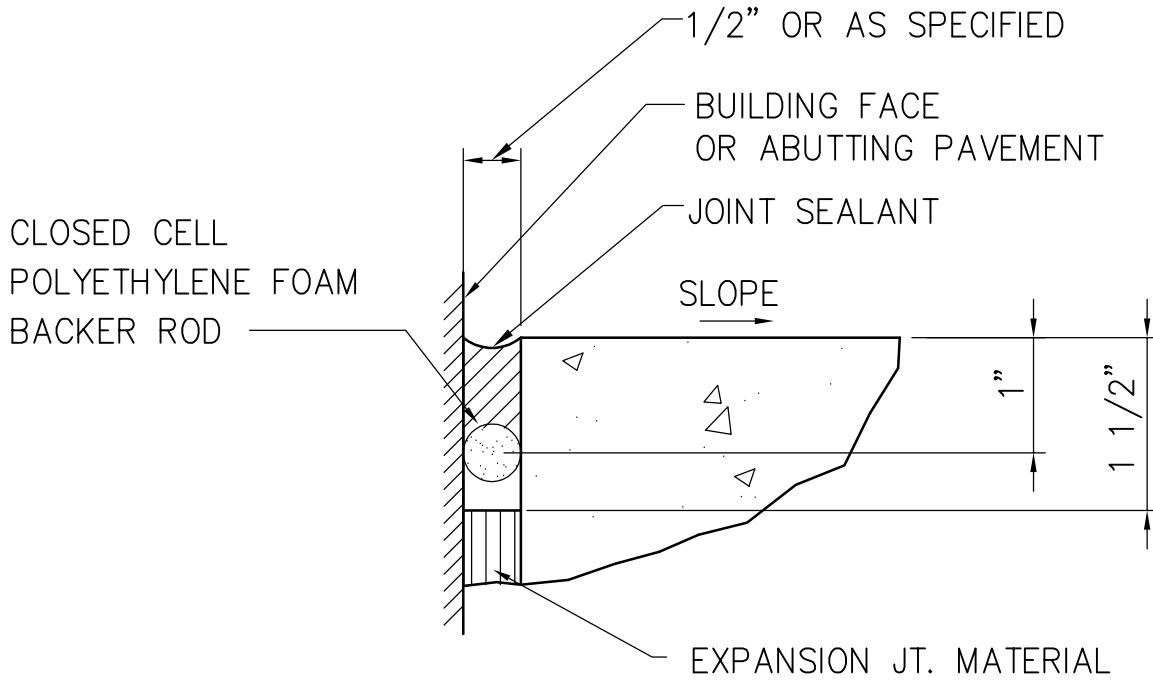
NOTES: 1. SPACE "C" JOINTS TO MATCH EXISTING. INSTALL 1/2" EXPANSION JOINTS AT 50'-0" INTERVALS



NOTE: SEALANT SHALL BE FLUSH W/PAVEMENT. ANY SEALANT THAT EXTENDS ABOVE PAVEMENT SURFACE SHALL BE REMOVED AND REPLACED BY CONTRACTOR.

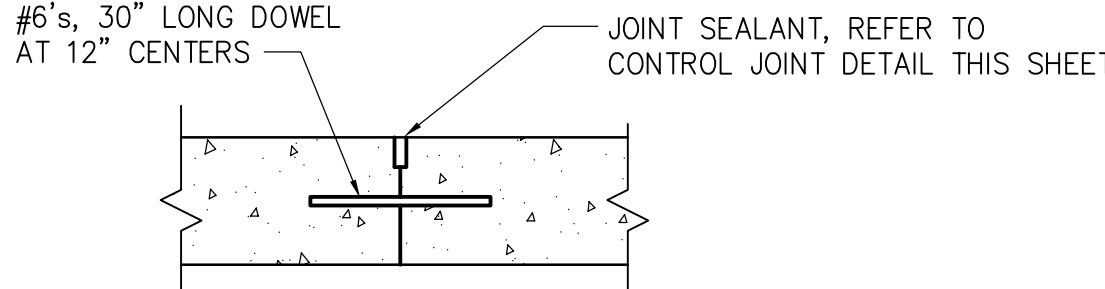
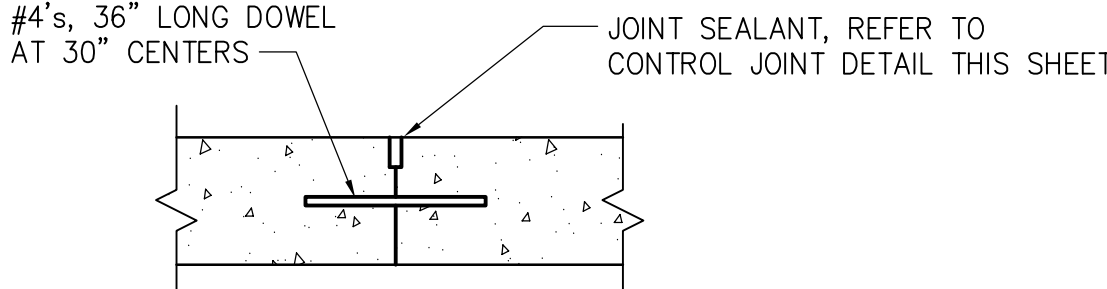
1 STANDARD SIDEWALK

2 CONTROL JOINT DETAIL



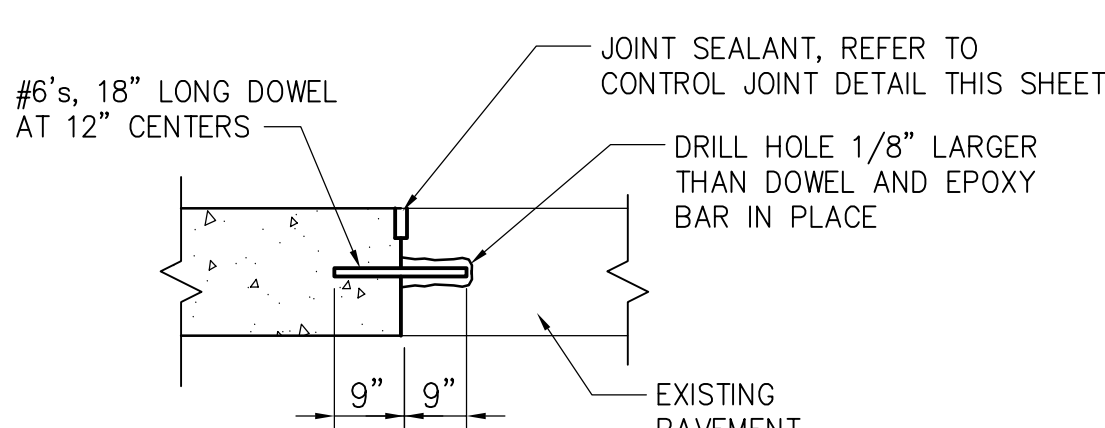
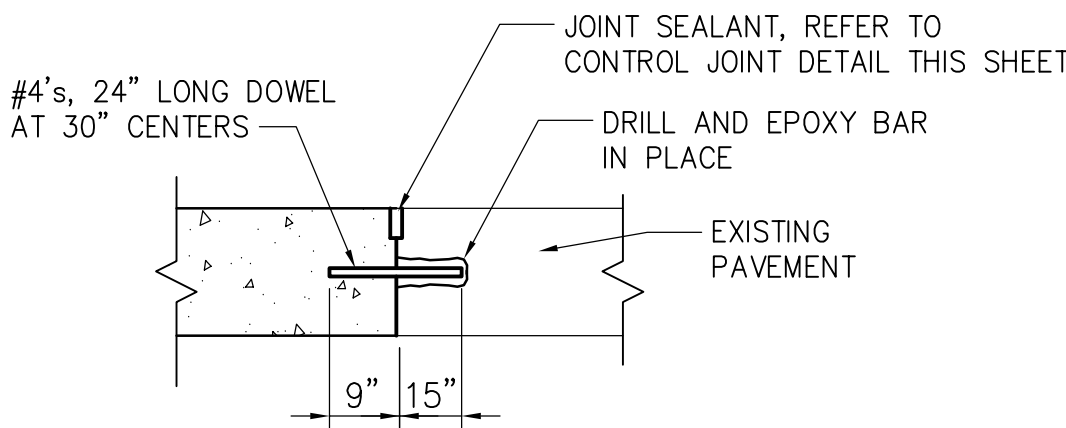
3 EXPANSION JOINT

4 STANDARD PAVEMENT



NEW PAVEMENT

NEW PAVEMENT



ABUTTING PAVEMENT

ABUTTING PAVEMENT

5 LONGITUDINAL CONTRACTION PAVEMENT JOINTS

6 TRANSVERSE CONTRACTION PAVEMENT JOINTS

Revisions

Date

SHIVEHATTERY

ARCHITECTURE+ENGINEERING

2834 Northgate Drive | Iowa City, Iowa 52245  
319.354.3040 | fax: 319.354.6921 | shive-hattery.com  
Iowa | Illinois | Missouri

Drawing Title

LANDSCAPING PLAN

Approved: Division Chief

Approved: Service Director

Project Title

REPLACE BUILDING 7 UNDERGROUND STORAGE TANK

Building Number 7

Checked

Drawn MSJ

Location

DEPARTMENT OF VETERANS AFFAIRS MEDICAL CENTER  
IOWA CITY, IOWA

Date

09-30-2011

Project No.

DVA#636A8-12-004  
S-H#111235-0

DRAWING NO.

7-L1

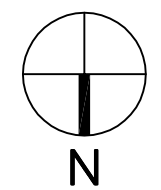
Dwg. 1 of 1

Veterans Administration

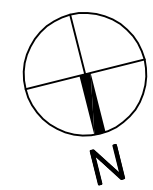
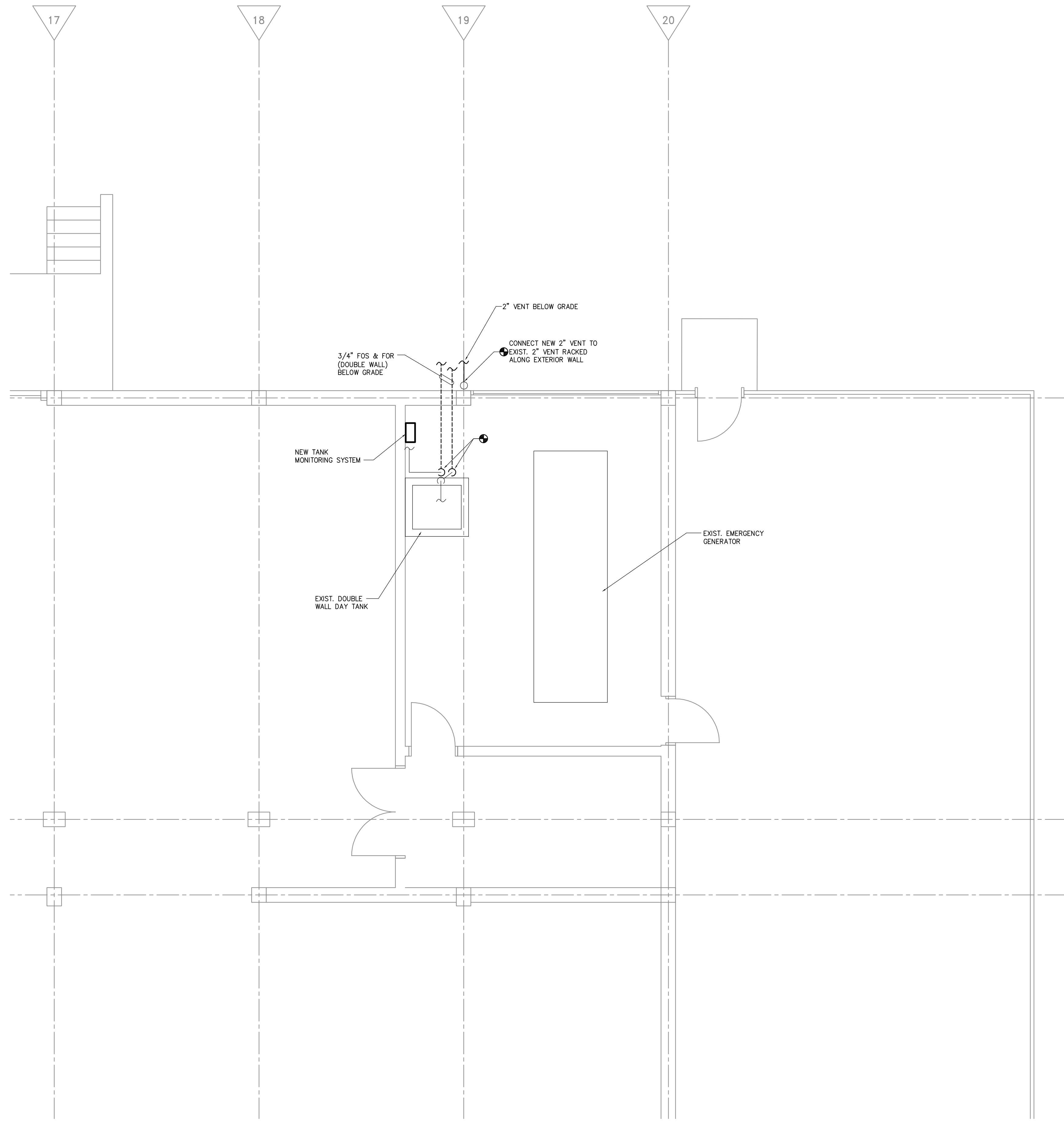








**SITE RESTORATION PLAN**  
1/8"=1'-0"



**BUILDING #7 PLAN - MECHANICAL**  
1/4"=1'-0"

Revisions	Date

**SHIVEHATTERY**  
ARCHITECTURE+ENGINEERING

2834 Northgate Drive | Iowa City, Iowa 52245  
319.354.3040 | fax: 319.354.6921 | shive-hattery.com  
Iowa | Illinois | Missouri

Drawing Title  
**MECHANICAL  
AND SITE PLANS**

Approved: Division Chief

Approved: Service Director

Project Title  
**REPLACE BUILDING 7  
UNDERGROUND  
STORAGE TANK**

Building Number  
**7**

Checked  
**TRF**

Drawn  
**MSJ**

Location  
DEPARTMENT OF VETERANS AFFAIRS MEDICAL CENTER  
IOWA CITY, IOWA

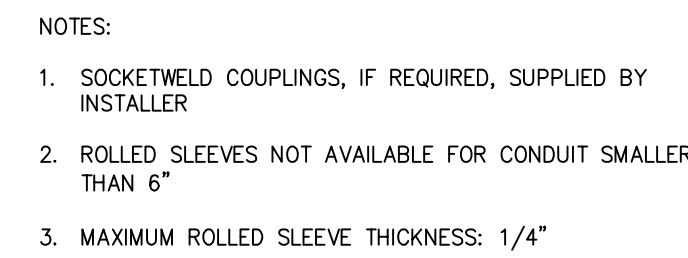
Date  
**09-30-2011**

Project No.  
DVA#636A8-12-004  
S-H#111235-0

DRAWING NO.  
**7-M2**

Dwg. 1 of 1

**Veterans  
Administration**



7-M3

Dwg. 1 Of







