

SITE ADDRESS: 1206 NORTHPORT DR, MADISON, WI PARCEL ID 080925300991 CERTIFIED SURVEY MAP NO 12189 AS RECORDED IN DANE COUNTY REGISTER OF DEEDS IN VOL 75 PAGE 171 OF CERTIFIED SURVEYS, LOT 1

UNDERGROUND TUNNEL LENGTH = 180' UNDERGROUND TUNNEL WIDTH = 6'

NOTES:

ALL EXISTING UNDERGROUND UTILITY LOCATIONS ARE APPROXIMATE AND SHOULD BE FIELD VERIFIED PRIOR TO CONSTRUCTION.

122.



PLAN KEY				
EXISTING BUILDING				
2 EXISTING CONCRETE SIDEWALK	The second second second second			
3 EXISTING UNDERGROUND TUNNEL	and a strength	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		
4 EXISTING 30" CURB			A Barrow	
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TO BE INSTALLED BY OTHERS SPRING OF 2022				
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Dial S11 or (800)242-8511				
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PROJECT:	ADDRESS:	SHEET NAME:	REVISION:			F
UNDERGROUND TUNNEL WATERPROOFING AND CONCRETE REPAIRS	1202 NORTHPORT DR, MADISON WI 53704	EXISTING SITE	REVISIONS NO.). BY D	DATE	0
NORTHPORT HUMAN SERVICES BUILDING		•				



SITE DEVELOPMENT DATA:

SITE ADDRESS: 1206 NORTHPORT DR, MADISON, WI PARCEL ID 080925300991 CERTIFIED SURVEY MAP NO 12189 AS RECORDED IN DANE COUNTY REGISTER OF DEEDS IN VOL 75 PAGE 171 OF CERTIFIED SURVEYS, LOT 1

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NOTES:

- ALL EXISTING UNDERGROUND UTILITY LOCATIONS ARE APPROXIMATE AND SHOULD BE FIELD VERIFIED PRIOR TO CONSTRUCTION.
- UNDERGROUND TUNNEL CEILING IS REPORTEDLY 12" TO 36" 2. BELOW EXISTING GRADE.
- CONTRACT RESPONSIBLE FOR RESTORING DISTURBED GRADING AREAS AND LANDSCAPING.

PLAN KEY



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NORTHPORT HUMAN SERVICES BUILDING

608-620-3036 (Office) · svet@roussevengine antial or proprietary moments nformation herein is to be rep-This document contains confident Neither this document nor the info aither in whole or in part excent a

PLOT DATE : 6/1/22

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			/				160'		
				/				141' 135'	
						<u>ر</u>		119'	95'
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1.	IES: CONTRACTOR SHALL EXAMINE UNDERGROUND TUNNEL WALLS AND CEILING FOR DETERIORATED CONCRETE AREAS.					NDERGROUND TUNNEL CEIL REAS NEEDING SURFACE RE CALE: 1/16" = 1'-0"	ING: VISUALLY ASSE PAIRS	SSED	
2.	VISUALLY ASSESSED AREAS THAT REQUIRE CONCRETE REPAIRS VARY FROM 2 SF TO 15 SF					/			— 104' ———
3.	REMOVE LOOSE CONCRETE FROM THE SPALLED AREAS. INSPECT THE CAVITY FOR REMAINING DEFECTIVE CONCRETE BY TAPPING WITH A HAMMER OR STEEL ROD AND LISTEN FOR DULL OR HOLLOW SOUNDS. IN AREAS WHERE TAPPING DOES NOT PRODUCE A SOLID TONE, REMOVE ADDITIONAL CONCRETE UNTIL TAPPING						×	/	ý /
	PRODUCES A SOLID TONE. MAKE THE ENTIRE CAVITY AT LEAST ONE INCH DEEP. SAWCUT EDGES OF THE CAVITY TO AVOID FEATHERING EDGE. PREPARE SURFACE OF CAVITY BY SANDBLASTING, GRINDING, OR WATER BLASTING. REMOVE DUST, DIRT, AND LOOSELY BONDED MATERIAL RESULTING FROM CLEANING. ENSURE CAVITY SURFACES APE DRY							E	B
4.	WHERE REINFORCING STEEL WITH ACTIVE CORROSION IS ENCOUNTERED, SANDBLAST THE STEEL TO A WHITE METAL FINISH TO REMOVE ALL CONTAMINANTS AND RUST. WHERE CORROSION HAS OCCURRED DUE TO THE PRESENCE OF CHLORIDES, THE STEEL SHALL BE HIGH PRESSURE WASHED AFTER MECHANICAL CLEANING, PRIME STEEL WITH 2 COATS OF CORROSION INHIBITOR (SIKA® ARMATEC® 110 EPOCEM OR EQUAL) PER THE PRODUCT DATA SHEET.				B A	SSESSED AREAS NEEDING SI CALE: 1/16" = 1'-0"	JRFACE REPAIRS		< <u>c</u>
5.	PLACEMENT PROCEDURE WET PROCESS: AT TIME OF APPLICATION, SURFACE SHOULD BE SATURATED SURFACE DRY (SSD), NOT HOLDING ANY STANDING WATER. APPLY MATERIAL BY SPRAYING OR TROWELING FOR REPAIRING VERTICAL OR OVERHEAD SURFACES. SHOOT THE MATERIAL PERPENDICULAR TO THE SURFACE. THIS MINIMIZES REBOUND, CREATES THE SMOOTHEST PATTERN (REDUCES BUMPS) AND PROPERLY ENCASES EXPOSED REBARS. THE VELOCITY OF THE SHOTCRETE IS SUFFICIENT IF, AT A DISTANCE OF 18" TO 24", THE SHOTCRETE PATTERN FLATTENS OUT ON CONTACT WITH THE SURFACE AND THE REBARS ARE ENCASED. AFTER APPLYING THE MATERIAL, ALLOW TO STIFFEN FOR APPROX. 10 MINUTES BEFORE REMOVING BUMPY AREAS WITH A TROWEL. IF A ANOTHER LAYER IS DESIRED, ALLOW THE MATERIAL TO REACH INITIAL SET. THIS WILL TAKE ANYWHERE FROM 45 MINUTES TO SEVERAL HOURS DEPENDING ON MIX CONSISTENCY, MIX AND AMBIENT TEMPERATURE AND HUMIDITY. BEGIN AND FINISH A GIVEN PATCH ON THE SAME DAY.								
6.	AS PER ACI RECOMMENDATIONS FOR PORTLAND CEMENT CONCRETE, CURING IS REQUIRED. MOIST CURE WITH WET BURLAP AND POLYETHYLENE, A FINE MIST OF WATER OR A WATER-BASED* COMPATIBLE CURING COMPOUND. MOIST CURING SHOULD COMMENCE IMMEDIATELY AFTER FINISHING AND CONTINUE FOR 48 HOURS. PROTECT NEWLY APPLIED MATERIAL FROM RAIN, SUN, AND WIND UNTIL COMPRESSIVE STRENGTH IS 70% OF THE 28 DAY COMPRESSIVE STRENGTH. TO PREVENT FROM FREEZING COVER WITH INSULATING MATERIAL. SETTING TIME IS DEPENDENT ON TEMPERATURE AND HUMIDITY.					NDERGROUND TUNNEL SOU SSESSED AREAS NEEDING SI CALE: 1/16" = 1'-0"	IH WALL: VISUALLY JRFACE REPAIRS		
PR	OJECT:		ADDRESS:		5	SHEET NAME:	REVISION:		PROJ
UN NC	IDERGROUND TUNNEL WATERPROOFING AND DRTHPORT HUMAN SERVICES BUILDING	CONCRETE REPAIRS	1202 NORTHPC	DRT DR, MADISON WI S	53704 I	NTERIOR SURFACE CONCRETE REPAIRS - JNDERGROUND TUNNEL	REVISIONS	NO. BY DA	NTE 0322-

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PLOT DATE : 6/1/22 PLOT BY : SSR



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EILE NAME :	UNDERGROUND TUNNEL WATERPROOFING AND CONCRETE REPAIRS NORTHPORT HUMAN SERVICES BUILDING	1202 NORTHPORT DR, MADISON WI 53704	INTERIOR SURFACE CONCRETE REPAIRS - UNDERGROUND TUNNEL PICS	REVISIONS	NO. BY	DATE	C

PROJECT NO:

ROUSSEV ENGINEERING

PLOT DATE : 6/1/22 PLOT BY : SSR

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PLAN NOTES:

(1) REMOVE THIS SECTION OF EXISTING CONCRETE PAVEMENT TO ACCOMMODATE INSTALLATION OF NEW CHARGER AND ASSOCIATED FOUNDATION (BASE BID ONLY).

- 2 REMOVE THIS SECTION OF EXISTING CONCRETE PAVEMENT (BASE OR ALT. BID "A" AS INDICATED).
- (3) INSTALL THIS EV CHARGER AND ASSOCIATED FOUNDATION UNDER BASE BID ONLY.
- $\overline{4}$ Install this eV charger and associated foundation under alt. Bid "A" only.

This work will be performed by Owner. This information is provided to illustrate the details and extents of concrete bases associated with the Electric Vehicle Charging Station project.

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General Engineering Company		P.O. Box 340 • 916 Silver Lake Dr. + Portage, WI 53901	000-742-2109 (UNICE) + 000-742-2092 (Fax)	This document contains confidential or proprietary information of General Engineering Company. Neither this document nor the information herein is to be reproduced, distributed, used or disclosed	either in whole or in part except as specifically authorized by General Engineering Company.
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