

CITY OF GRAND ISLAND

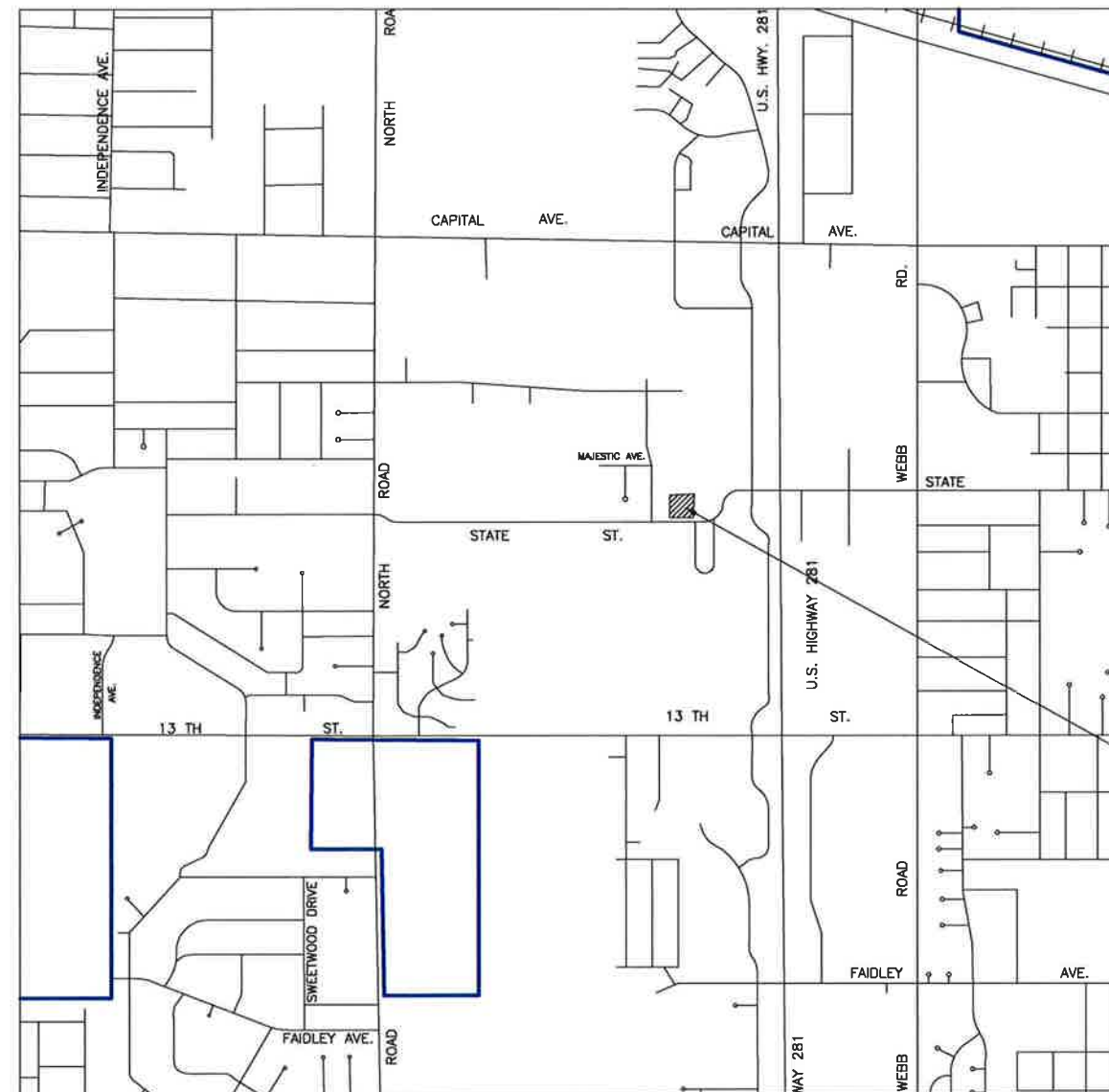
PUBLIC WORKS DEPARTMENT

FIRE STATION #4 - STATE STREET CONCRETE PAVEMENT REPLACEMENT



GENERAL NOTES

- THE LOCATION OF ALL UTILITIES SHOWN ON THE PLANS IS APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO ANY EXCAVATION.
- THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF GRAND ISLAND UTILITY DEPARTMENT ANY WORK IN CONFLICT WITH EXISTING OVERHEAD OR UNDERGROUND ELECTRIC LINES.
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF GRAND ISLAND STANDARD PLANS, SPECIFICATIONS, AND SPECIAL PROVISIONS FOR SULFATE RESISTANT CONCRETE.
- CONTRACTOR SHALL PRESERVE ALL PROPERTY CORNER MONUMENTS OR RE-ESTABLISH THEM IF THEY ARE DISTURBED DURING CONSTRUCTION.
- CONTRACTOR SHALL OBTAIN AND PAY THE COST OF ALL REQUIRED PERMITS AND FEES.
- THE CONTRACTOR SHALL USE EXTREME CAUTION IN THE AREA OF EXISTING MANHOLES, POWER POLES, AND ALL OTHER EXISTING UTILITIES, AND SHALL BE RESPONSIBLE FOR DAMAGES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION AND COSTS OF ALL TESTING PROCEDURES REQUIRED BY THE CITY OF GRAND ISLAND SPECIFICATIONS.
- AT THE COMPLETION OF WORK AND BEFORE FINAL ACCEPTANCE, CONTRACTOR SHALL NOTIFY ENGINEER IN WRITING REQUESTING A FINAL WALK-THROUGH OF THE PROJECT.
- THE CONTRACTOR SHALL PROVIDE AND MAINTAIN EROSION CONTROL MEASURES DURING ALL PHASES OF CONSTRUCTION AND SHALL SUBMIT TO THE UTILITIES DEPARTMENT AN EROSION CONTROL PLAN PRIOR TO ANY CONSTRUCTION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR TRAFFIC CONTROL COSTS AND COORDINATION. TRAFFIC CONTROL PLAN SHALL BE IN ACCORDANCE WITH THE MOST CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND THE CITY OF GRAND ISLAND STANDARDS.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO NOTIFY PROPERTY OWNERS A MINIMUM OF SEVEN DAYS PRIOR TO ANY CONSTRUCTION.
- SAWCUTTING OF PAVEMENT IS SUBSIDIARY TO THE REMOVAL OF EXISTING PAVEMENT. CONCRETE PAVEMENT SHALL BE REMOVED AT EXISTING JOINTS IF POSSIBLE. CLEAN JOINTS SHALL BE PROVIDED PRIOR TO REPLACEMENT OF PAVEMENT. CONTRACTOR RESPONSIBLE FOR REMOVAL OF ALL REMOVED ITEMS.
- PAVEMENT SUBGRADE SHALL BE COMPACTED AND PREPARED ACCORDING TO GRAND ISLAND STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
- STRIP AND STOCKPILE TOPSOIL AND RE-SPREAD AFTER CONSTRUCTION PRIOR TO SEEDING.
- SAWCUTTING IS PAVEMENT IS SUBSIDIARY TO THE PLACEMENT OF NEW PAVEMENT. PANEL SIZING SHALL BE NO LARGER THAN 12'-0" X 12'-0". JOINT SEALING IS SUBSIDIARY TO CONSTRUCTION AND SHALL BE PER THE G.I. STANDARD SPECIFICATIONS.
- CONTRACTOR TO PROVIDE ALL INCIDENTAL FITTINGS NECESSARY TO COMPLETE WORK.
- TRENCH EXCAVATION AND BACKFILL SHALL BE MECHANICALLY TAMPED BY THE CONTRACTOR AND TESTED. COMPACTION REQUIREMENTS SHALL BE IN ACCORDANCE WITH CITY OF GRAND ISLAND STANDARD SPECIFICATIONS.
- CONCRETE TESTING SHALL BE CONDUCTED PER THE GRAND ISLAND STANDARD SPECIFICATION AND SPECIAL PROVISIONS AND SHALL BE SUBMITTED TO THE CITY UPON COMPLETION OF THE PROJECT.
- ALL DITCHES AND AREAS AFFECTED SHALL BE GRADED BACK TO PRE-CONSTRUCTION ELEVATIONS AFTER COMPLETION OF SANITARY SEWER MAIN INSTALLATION AND/OR PAVEMENT RECONSTRUCTION.
- ALL TREES, BUSHES, FENCES, SHEDS, AND ETC. THAT ARE CALLED OUT FOR REMOVAL SHOULD BE LEFT IF NOT NECESSARY FOR CONSTRUCTION.
- CONCRETE PAVEMENT SHALL BE 47-B MODIFIED PER THE GRAND ISLAND CITY SPECIFICATIONS.



QUANTITY ESTIMATE		
ITEM	UNIT	QTY.
REMOVE ASPHALT PAVING	SY	224
REMOVE CONCRETE PAVING	SY	722
REMOVE CONCRETE DRIVEWAY	SY	56
REMOVE CONCRETE TRAIL	SY	32
10" P. C. CONCRETE PAVING	SY	1022
6" P. C. CONCRETE DRAINAGE LETDOWN	SY	72
REPAIR SPRINKLER SYSTEM	EA	1
SEEDING - UNIMPROVED AREAS	SF	2000
SODDING - IMPROVED AREAS	SF	1200
OVER EXCAVATION	CY	100
GRADING	LS	1

PROJECT LOCATION

SHEET INDEX

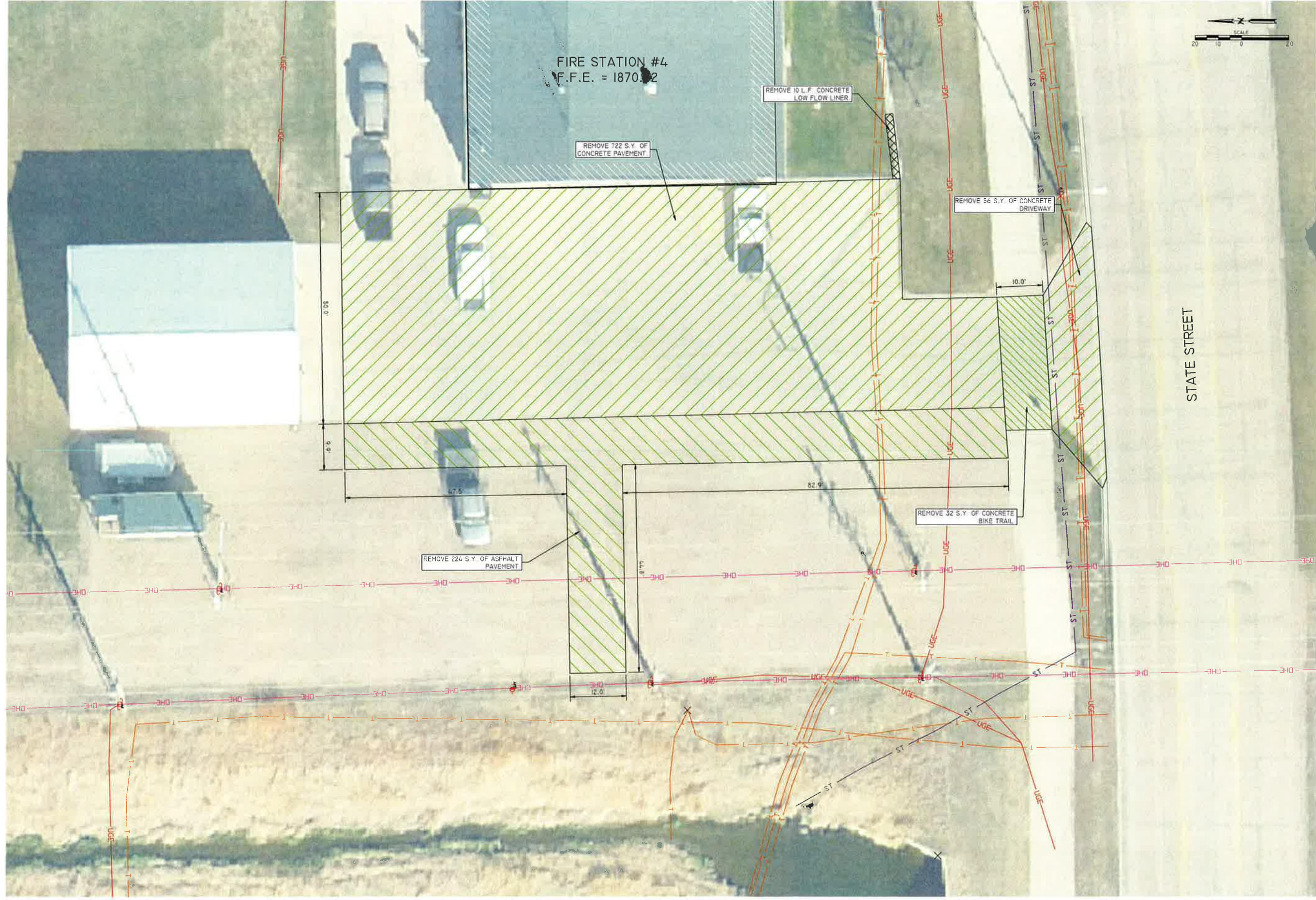
- SHEET 1 - COVER SHEET
- SHEET 2 - REMOVAL SHEET
- SHEET 3 - CONSTRUCTION SHEET
- SHEET 4 - SPOT ELEVATION PLAN
- SHEET 5 - CONTOUR / EARTHWORK / GRADING PLAN

THIS DOCUMENT WAS ORIGINALLY SIGNED BY KEITH J. KURZ, E-12954, ON 6/7/13. THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT AND SHOULD BE USED FOR REFERENCE ONLY.

DATE	REVISIONS	DESCRIPTION	DATE	BY
04/02/13 <td></td> <td></td> <td></td> <td></td>				
04/20/13 <td></td> <td></td> <td></td> <td></td>				
05/01/13 <td></td> <td></td> <td></td> <td></td>				

COVER
FIRE STATION #4 - STATE STREET
GRAND ISLAND, NEBRASKA

DWG: J:\PAVING - DIST-PROJ\PROJECT\FIRE STATION #4 & #3 - 2013\PLAN DRAWINGS\FINAL_P\ANS\FSL_SITE.DWG - SHEET 1



REMOVALS
FIRE STATION #4 - STATE STREET
GRAND ISLAND, NEBRASKA

DATE	BY	DESCRIPTION	REVISIONS

SURV. BY:	MLT/TY

DATE:	04/06/13

DR. BY:	KJK

DATE:	04/20/13

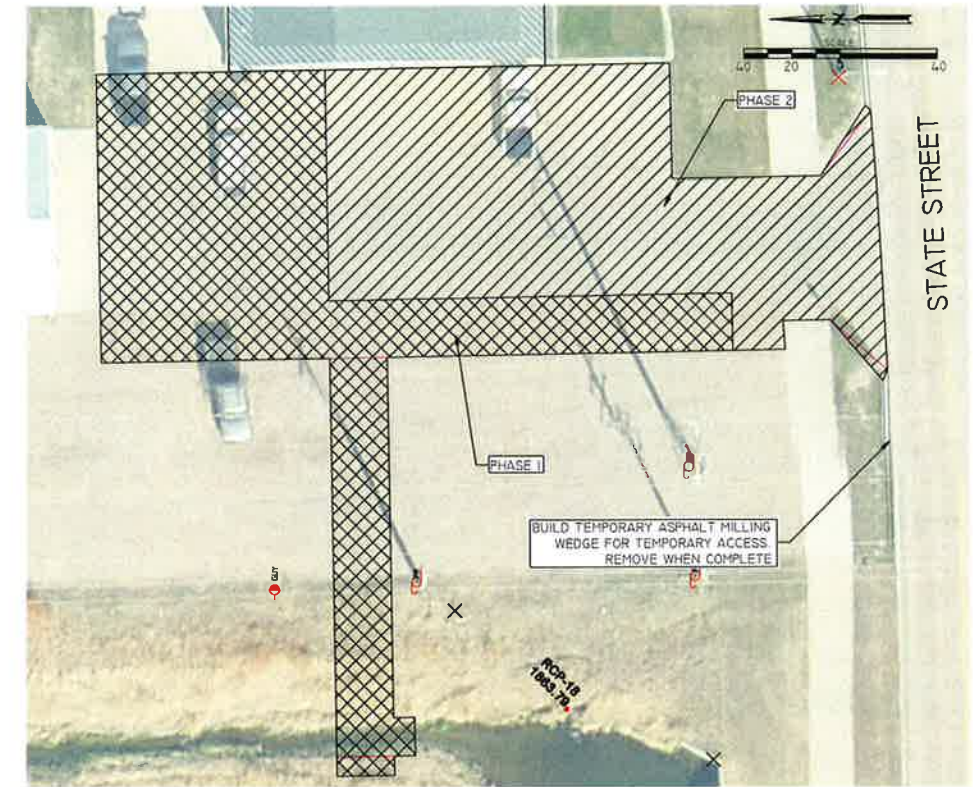
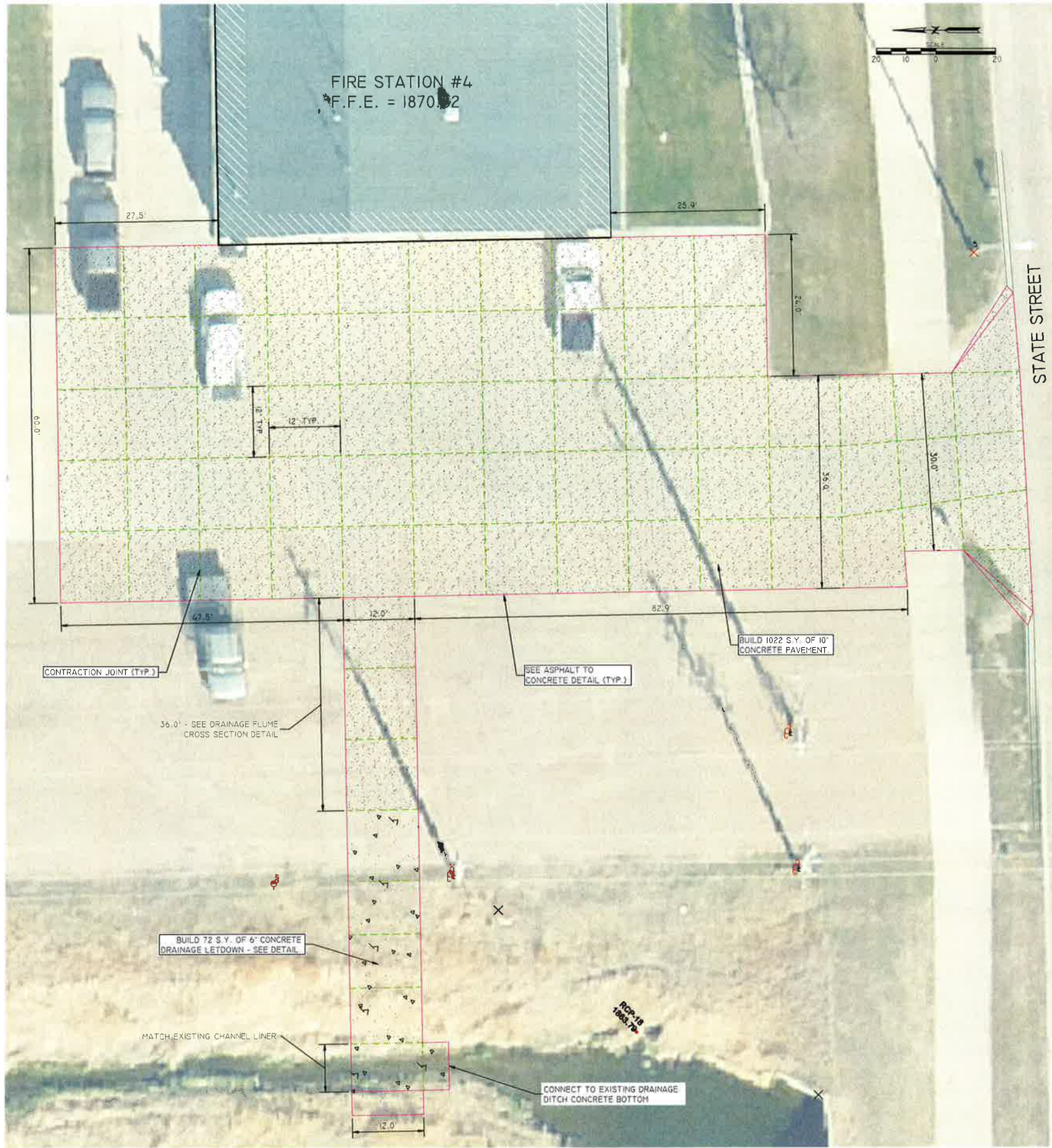
CHK. BY:	TAB

DATE:	05/01/13

APPR. BY:	KJK

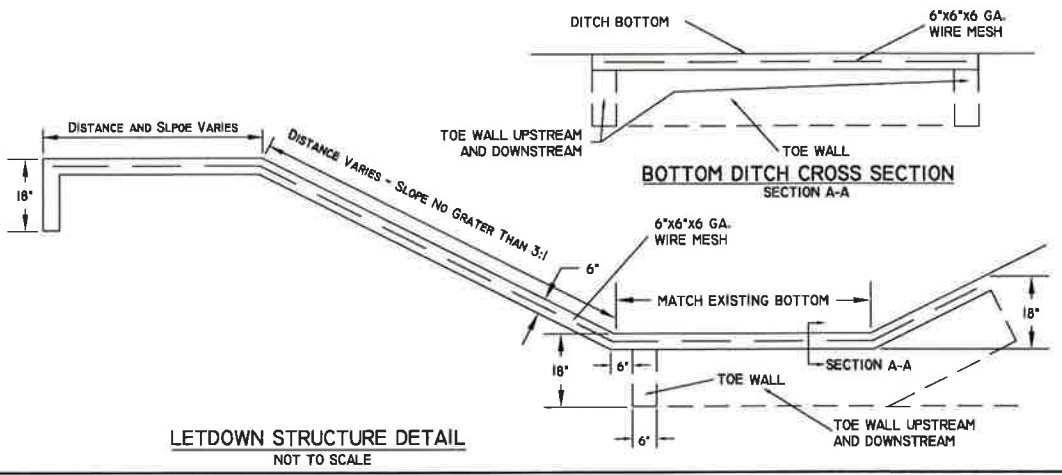
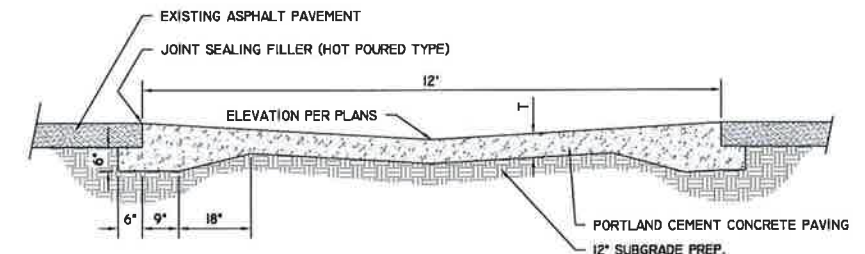
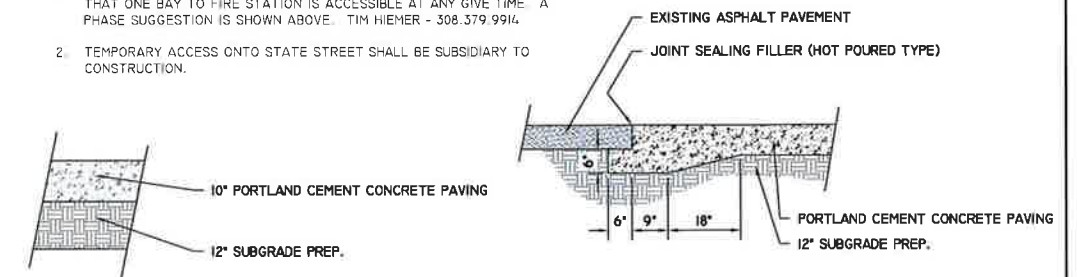
DATE:	05/07/13

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PHASE PLAN

- CONTRACTOR SHALL COORDINATE WITH FIRE DEPARTMENT STAFF TO ENSURE THAT ONE BAY TO FIRE STATION IS ACCESSIBLE AT ANY GIVE TIME A PHASE SUGGESTION IS SHOWN ABOVE. TIM HIEMER - 308.379.9914
- TEMPORARY ACCESS ONTO STATE STREET SHALL BE SUBSIDIARY TO CONSTRUCTION.



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DATE	BY	REVISIONS	DESCRIPTION
04/04/13	KJK	ML/TY	
04/20/13	TAB	DR. BY:	
05/01/13	KJK	CHK. BY:	
05/07/13		APPR. BY:	

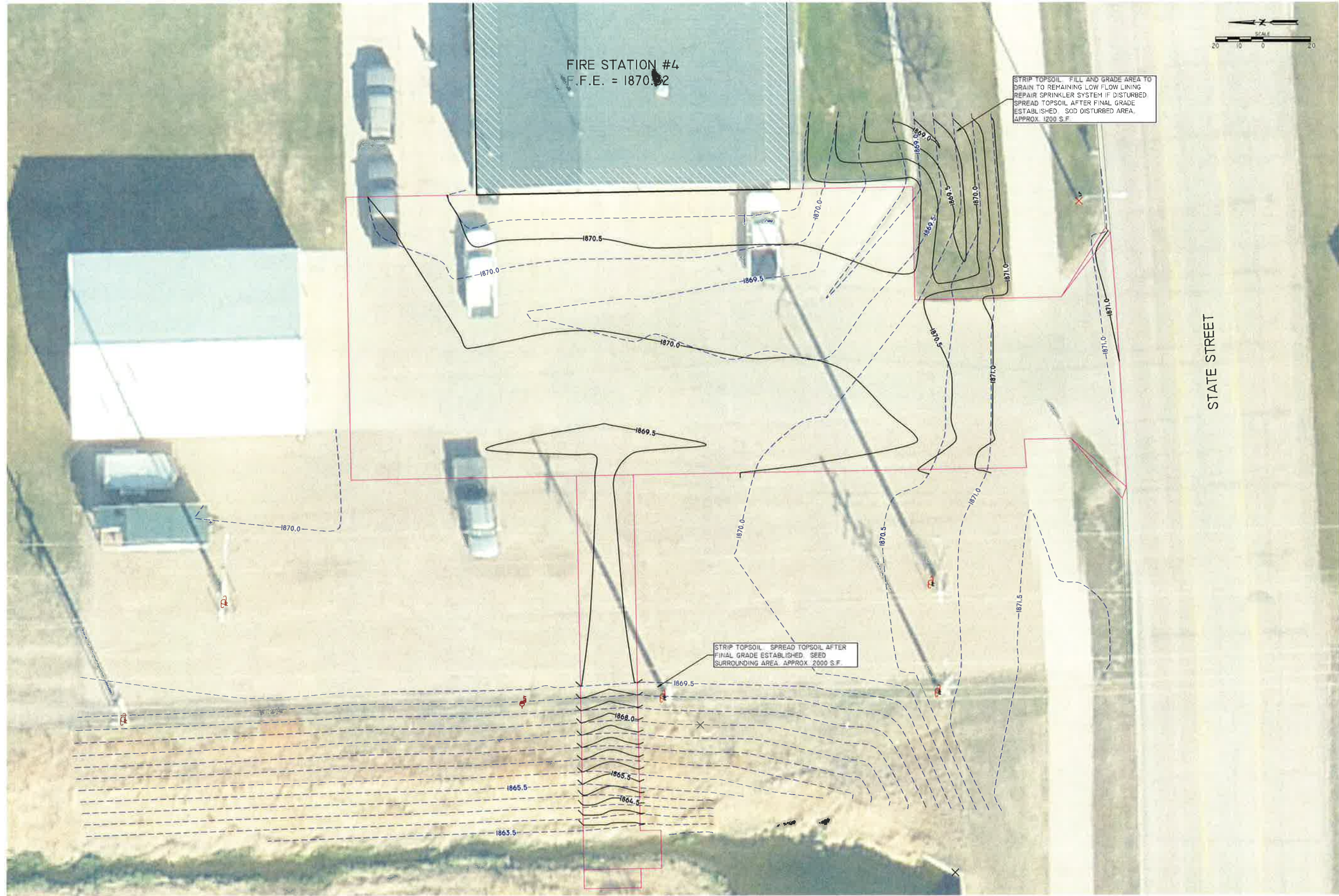


LEGEND
 18xx.xx TS - TOP OF SLAB GRADE
 18xx.xx EG* - EXISTING GRADE / FIELD VERIFY
 → - DRAINAGE DIRECTION

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DATE	BY	REVISIONS	DATE	ML/TY
			02/04/13	KJK
			04/20/13	TAB
			05/01/13	KJK
			05/07/13	KJK

SPOT ELEVATION PLAN	
FIRE STATION #4 - STATE STREET	
GRAND ISLAND, NEBRASKA	
DRAWING NO.: FSL_SITE.DWG	4 / 5



GRADING NOTES

- APPROXIMATE FILL QUANTITY IS 100 C.Y. THIS DOES NOT ACCOUNT FOR ANY MATERIAL THAT REQUIRES OVER EXCAVATION IF POOR CONDITIONS ARE ENCOUNTERED.

LEGEND

- PROPOSED CONTOUR
- EXISTING CONTOUR

DATE	BY	REVISIONS DESCRIPTION	SURV. BY:	ML/TY
			DATE:	04/04/13
			DR. BY:	KJK
			DATE:	04/20/13
			CHK. BY:	TMS
			DATE:	05/01/13
			APPR. BY:	KJK
			DATE:	05/07/13

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WEBB RD.

AREA 1: REMOVE
157 YD² OF 6"
CONCRETE



DRAWING NO.:
FireStation-93

2

4

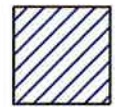
REMOVALS

FIRE STATION #3 - WEBB RD.
GRAND ISLAND, NEBRASKA

DATE	BY	REVISIONS DESCRIPTION	DATE	BY	TR
			5/23/2012		TR
					TR
			6/11/2012		TAB
			06/05/13		KJK
					KJK
			06/07/13		

This document was originally
approved and sealed on
06-07-2013, by
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a licensed professional engineer
in the State of NEBRASKA, E-12954

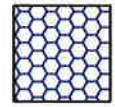
CITY OF
GRAND ISLAND
PUBLIC WORKS DEPARTMENT



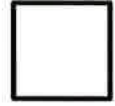
AREA 1: BUILD
796.2 YD² OF
10" CONCRETE



AREA 2: BUILD
118.3 YD² OF
8" CONCRETE



AREA 3: BUILD
66.3 YD² OF
8" CONCRETE



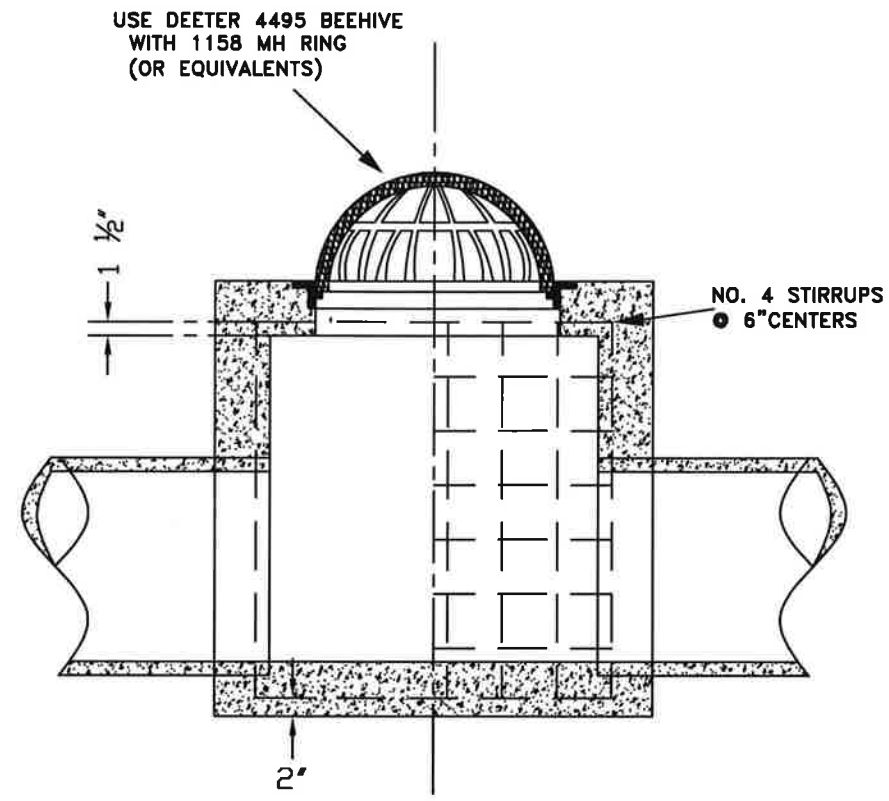
PLACE 72' OF 30"
EQUIVALENT REINFORCED
ARCH CONCRETE PIPE

DRAWING NO:
FireStation-#3
3 / 4

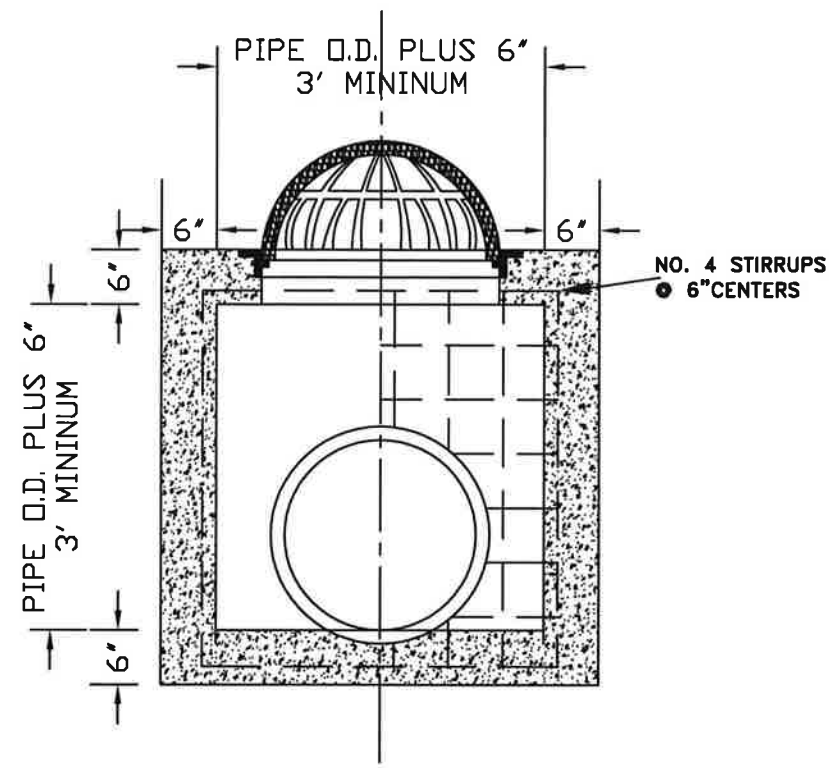
BUILD
FIRE STATION #3 - WEBB RD.
GRAND ISLAND, NEBRASKA

DATE	BY	REVISIONS	DATE	BY	TR
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			6/1/2012		TR
			06/05/13		TAB
					KJK
					KJK

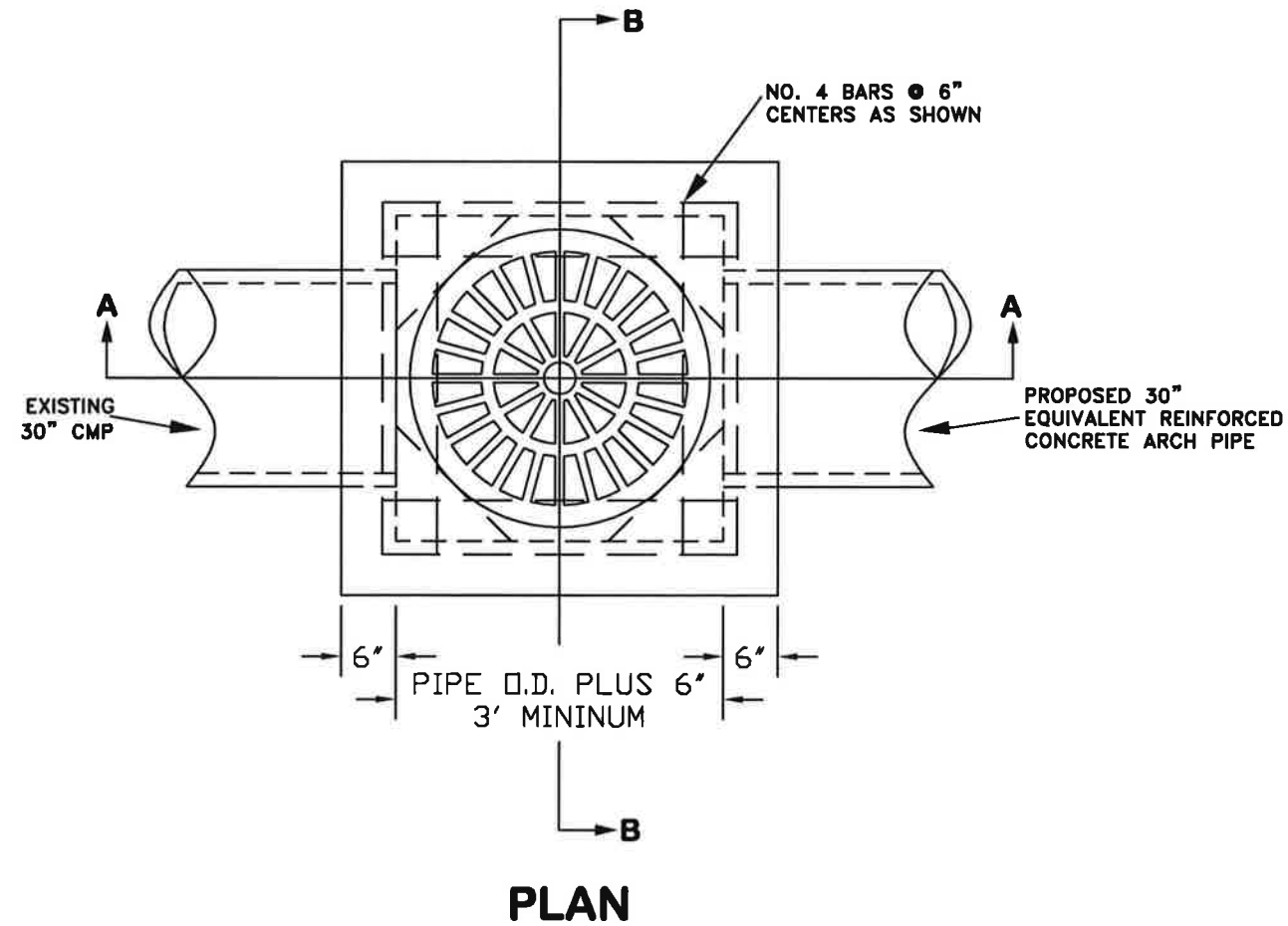
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SECTION A-A



SECTION B-B



**BUILD JUNCTION BOX
ACCORDING TO GRAND ISLAND
STANDARD PLAN #149**

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DATE	BY	REVISIONS DESCRIPTION	DATE	BY	TR
			5/23/2012		TR
			6/11/2012		TAB
			06/05/13		KJK
			06/07/13		

JUNCTION BOX
FIRE STATION #3 - WEBB RD.
GRAND ISLAND, NEBRASKA