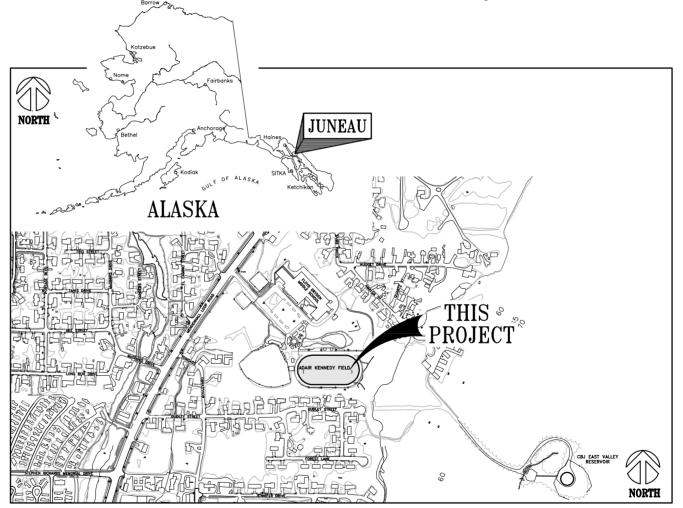


## SHEET INDEX SHEET No DESCRIPTION GENERAL NOTES, ABBREVIATIONS AND SYMBOLS SURVEY CONTROL DIAGRAM C103 TRUCK HAUL ROUTE, PROJECT COORDINATION NOTES & CONTRACTOR STAGING AREA C200 EXISTING TOPOGRAPHIC CONDITIONS C300 **DEMOLITION PLAN** C400 SITE DRAINAGE PLAN FIELD CROSS SECTIONS C402 C500 TURF FIELD DETAILS C501 TURF FIELD DETAILS C600 DISCUS AND SHOT PUT PAD DETAILS C601 TURF FIELD MARKING PLANS AND NOTES C602 TURF FIELD MARKING DETAILS FOOTBALL GOAL POST DETAILS C604 LONG JUMP PIT DETAILS EROSION AND SEDIMENT CONTROL PLAN C700 E100 HEAT TRACE SYSTEM, ADDITIVE ALTERNATE No. 1

## **CONSTRUCTION IMPROVEMENT PLANS FOR**

# ADAIR-KENNEDY FOOTBALL/SOCCER FIELD SYNTHETIC TURF REPLACEMENT CBJ CONTRACT No. E12-189

CITY & BOROUGH OF JUNEAU, ALASKA



PROJECT LOCATION MAP





HECK JMP/MAJ

**COVER SHEET** 



R & M ENGINEERING, INC. SURVEYORS 6205 GLACIER HIGHWAY Phone 907-780-6060

IUNEAU, AK. 99801

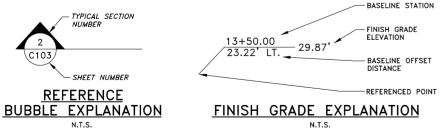
Fax 907-780-4611 www.rmjuneau.com

ADAIR-KENNEDY FOOTBALL/SOCCER FIELD SYNTHETIC TURF REPLACEMENT CBJ CONTRACT No. E12-189

CITY & BOROUGH OF JUNEAU, ALASKA

### GENERAL CONSTRUCTION NOTES

- CBJ ENGINEERING STANDARD DETAILS BOOK FOR CIVIL ENGINEERING PROJECTS AND SUBDIVISION IMPROVEMENTS DATED AUGUST 14, 2011 AND CBJ ENGINEERING STANDARD SPECIFICATIONS DATED DECEMBER, 2003 ARE MADE A PART OF THIS CONTRACT, WITH CURRENT REVISIONS AS APPLICABLE.
- 2. GRADES AND ALIGNMENTS SHOWN ON THESE PLANS ARE SUBJECT TO MINOR REVISIONS AS APPROVED BY THE ENGINEER.
- 3. LOCATION OF STORM DRAIN CATCH BASINS, PIPING AND PIPE LENGTHS ARE SUBJECT TO MINOR REVISIONS AS APPROVED BY THE ENGINEER.
- 4. LOCATIONS OF EXISTING UNDERGROUND SEWER, WATER, TELEPHONE, CABLE TELEVISION, AND POWER UTILITIES SHOWN ON THESE PLANS WERE DERIVED FROM CBJ AS-BUILTS AND OR FIELD LOCATES. ACTUAL LOCATIONS MAY VARY FROM THOSE SHOWN. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING, PROTECTING, AND MAINTAINING THE UTILITIES THROUGHOUT THE CONSTRUCTION OF THIS PROJECT. ANY DAMAGE RESULTING TO THESE UNDERGROUND UTILITIES DURING CONSTRUCTION SHALL BE PAID FOR BY THE CONTRACTOR AND SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT. CALL "DIAL BEFORE YOU DIG" @ 586-1333, PRIOR TO ANY EXCAVATION ACTIVITIES.
- 5. CONTRACTOR SHALL ASSURE CONSTRUCTION ACTIVITIES FOR THIS PROJECT DO NOT INTERFERE WITH THE OPERATIONAL USE OF FLOYD DRYDEN MIDDLE SCHOOL OR ADAIR KENNEDY BASEBALL FIELD.
- 6. PROPERTY LINE LOCATIONS USED IN THESE PLANS ARE DERIVED FROM RECORD PLATS AND DO NOT REPRESENT A
- 7. ALL ITEMS DESIGNATED TO BE REMOVED SHALL BE DISPOSED OF AT AN APPROVED DISPOSAL SITE, EXCEPT AS NOTED IN THE CONTRACT DOCUMENTS.
- 8. THE CONTRACTOR SHALL NOT STORE MATERIALS, PARK EQUIPMENT OR OPERATE EQUIPMENT WITH ITS TRACKS OR WHEELS PLACED DIRECTLY IN CONTACT WITH THE RUBBERIZED ASPHALT RUNNING TRACK SURFACE AT ANY TIME
- 9. CONTRACTOR SHALL REFERENCE ALL EXISTING PROPERTY CORNER MONUMENTS PRIOR TO CONSTRUCTION THAT WILL BE DISTURBED DURING HIS WORK, AND REMONUMENT AFTER CONSTRUCTION OPERATIONS. ALL WORK SHALL BE DONE BY, OR UNDER THE DIRECTION OF, AN ALASKA REGISTERED LAND SURVEYOR. ALL EXISTING PROPERTY CORNERS ARE NOT NECESSARILY SHOWN ON THE PLANS.
- 10. NO TREES OR BUSHES ARE TO BE REMOVED OR DAMAGED UNLESS SHOWN ON THE DRAWINGS OR DIRECTED BY THE ENGINEER TO DO SO. IF DISTRUCTION AND/OR DAMAGE OCCURS THE EFFECTED ITEM WILL BE REPLACED TO EQUAL OR BETTER CONDITION AT NO EXPENSE TO THE OWNER.
- 11. THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL DEVICES DURING CONSTRUCTION, AS INDICATED ON THE CONTRACTOR'S APPROVED SWPPP.
- 13. DATE OF TOPOGRAPHIC SURVEY UPDATE IS DECEMBER 23, 2011.



BY APRVD

#### **ABBREVIATIONS** ASPHALT CONCRETE PAVEMENT A.C.S. ALASKA COMMUNICATIONS SYSTEMS A.D.A. AMERICAN DISABILITY ACT B.O.C. BEGINNING OF CURVE B.O.F. BOTTOM OF FOOTING B.O.P. BEGINNING OF PROJECT C.B.J. CITY & BOROUGH OF JUNEAU C/L CENTERLINE CORRUGATED METAL PIPE CONC. C.P.P. CORRUGATED POLYETHYLENE PIPE C.T.E. CONNECT TO EXISTING D.I.P. DUCTILE IRON PIPE STATE OF ALASKA DEPARTMENT OF EASTING DOT/PF E.J.I.W. EAST JORDAN IRON WORKS EL. ELEVATION E.O.P. END OF PROJECT EXP. EXPANSION EXIST. EXISTING F.F. FINISH FLOOR F.G. FINISH GRADE F.H. FIRE HYDRANT G P GRADE POINT G.V. GATE VALVE LF. INVERT FLEVATION LENGTH LT. MECHANICAL JOINT M.T.E. MATCH TO EXISTING NORTHING N/A NOT APPLICABLE NEENAH FOUNDRY CO. N.F.S. NON-FROST SUSCEPTIBLE NOT TO SCALE N.V.C. NO VERTICAL CURVE ON CENTER 0.F. OLYMPIC FOUNDRY CO. POINT OF CURVATURE POINT OF COMPOUND CURVATURE P.I. POINT OF INTERSECTION P/L PROPERTY LINE P.O.C. POINT ON CURVE P.O.L. POINT ON LINE P.R.C. POINT OF REVERSE CURVATURE P.T. POINT OF TANGENCY P.V.C. POLYVINYL CHLORIDE RADIUS R.O.W. RIGHT-OF-WAY RT. S.D.M.H. STORM DRAIN MANHOLE SANITARY SEWER CLEANOUT

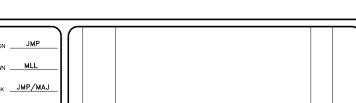
S.S.M.H. SANITARY SEWER MANHOLE STA. STATION STD. STANDARD S.W.P.P.P. STORM WATER POLLUTION PREVENTION PLAN TANGENT TEMPORARY BENCH MARK TOP BACK OF CURB T.O.P. TOP OF WALL T.O.W. TYP. TYPICAL

		SYN	/BOLS		
EXISTING	PROPOSED		EXISTING	PROPOSED	
		STRUCTURE			PROPERTY / BOUNDARY LINE
			_		PROJECT BASELINE
	-=====	12" ADS ADVANEDGE PIPE			TEMPORARY BENCH MARK
					PK NAIL
		TRENCH DRAIN IN-LINE CATCH BASIN	(22)		SANITARY SEWER MANHOLE
			— <del>—</del> —		SANITARY SEWER LINE
					STORM DRAIN CATCH BASIN
					STORM DRAIN PIPE
					STORM DRAIN MANHOLE
			======		PERIMETER CURB W/ TRENCH DRAIN
			======		PERIMETER CURB
					CONCRETE AREA DRAIN
					CURB AND GUTTER, TYPE I
					ASPHALT SIDEWALK
			UEUE		UNDERGROUND ELECTRIC
			_		WATER LINE
			$\bowtie$		WATER VALVE
			Q,		FIRE HYDRANT
			- <del>-</del> ф0		SITE LIGHT POLE
			E		ELECTRIC LINE UNDERGROUND
			E		ELECTRIC PEDESTAL
					ELECTRIC TRANSFORMER
			——Р——		TELEPHONE LINE UNDERGROUND
			P		TELEPHONE PEDESTAL
			c		CABLE TV LINE UNDERGROUND
					CABLE TV PEDESTAL
					TOP OF BANK / SHOULDER
					FILL SLOPE LIMITS
					DITCH LINE
			$-\!-\!-\!-\!-\!-\!-\!-\!-\!-\!-\!-\!-\!-\!-\!-\!-\!-\!-\!$		DRAINAGE SWALE
			_	_=_	TRAFFIC CONTROL SIGN/FIELD SIGN
			→		CHAIN LINK FENCE (4' OR 6')
			~~~~		TREE LINE

\_\_\_\_35'-

 $\bigcap$ 

M



REVISION

GENERAL NOTES, ABBREVIATIONS **AND SYMBOLS** 

UHMW

VERT.

V.P.I.



ULTRA HIGH MOLECULAR WEIGHT POLYETHYLENE

VERTICAL POINT OF INTERSECTION

R & M ENGINEERING, INC.

**ENGINEERS GEOLOGISTS** 6205 GLACIER HIGHWAY JUNEAU, AK. 99801

SURVEYORS Phone 907-780-6060 Fax 907-780-4611 www.rmjuneau.com

ADAIR-KENNEDY FOOTBALL/SOCCER FIELD SYNTHETIC TURF REPLACEMENT CBJ CONTRACT No. E12-189

DRAINAGE FLOW INDICATOR

GRADE CONTROL POINT

DOUBLE SWING GATE

TURN STILE

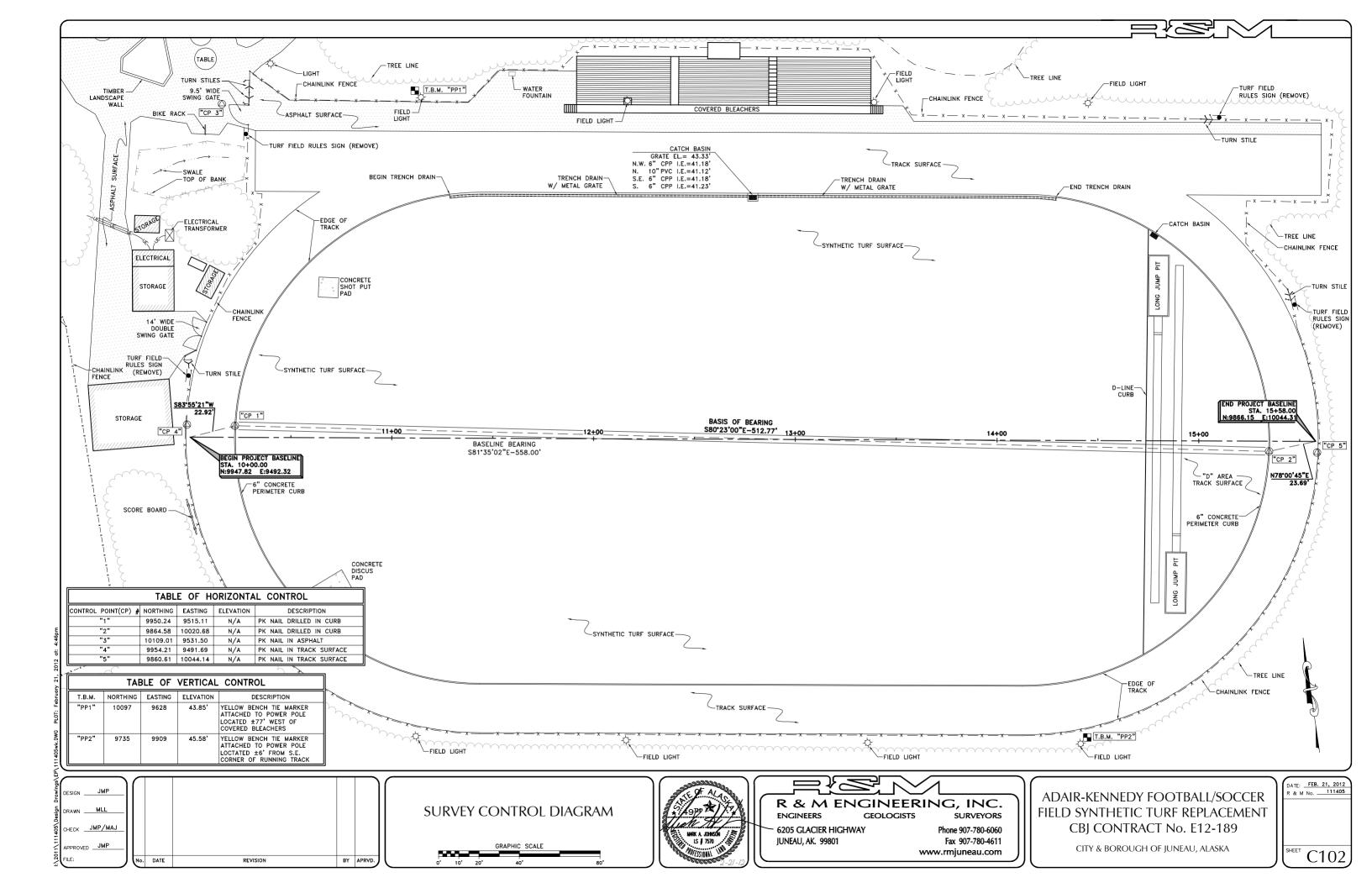
CONTOUR LINES

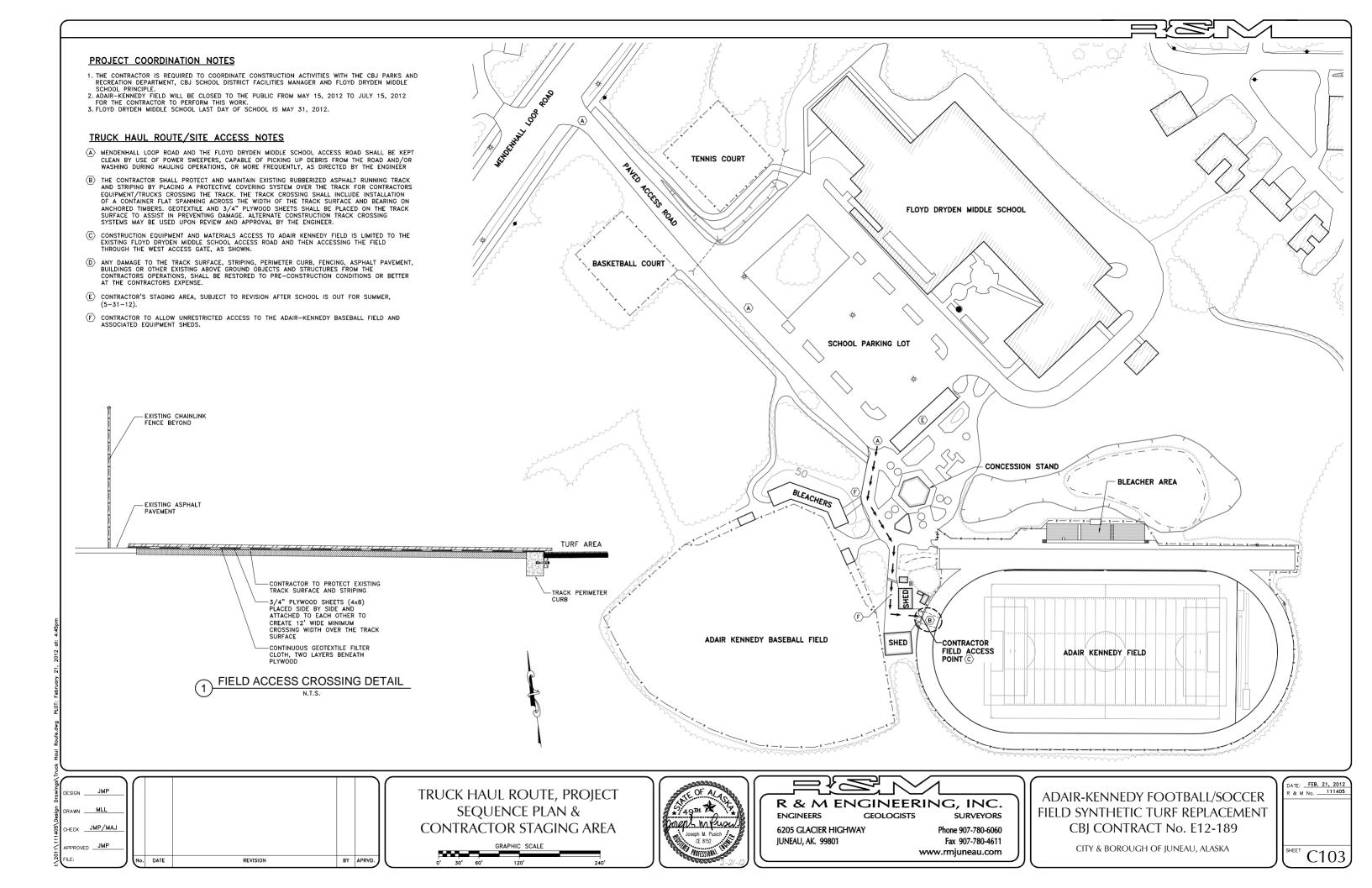
CITY & BOROUGH OF JUNEAU, ALASKA

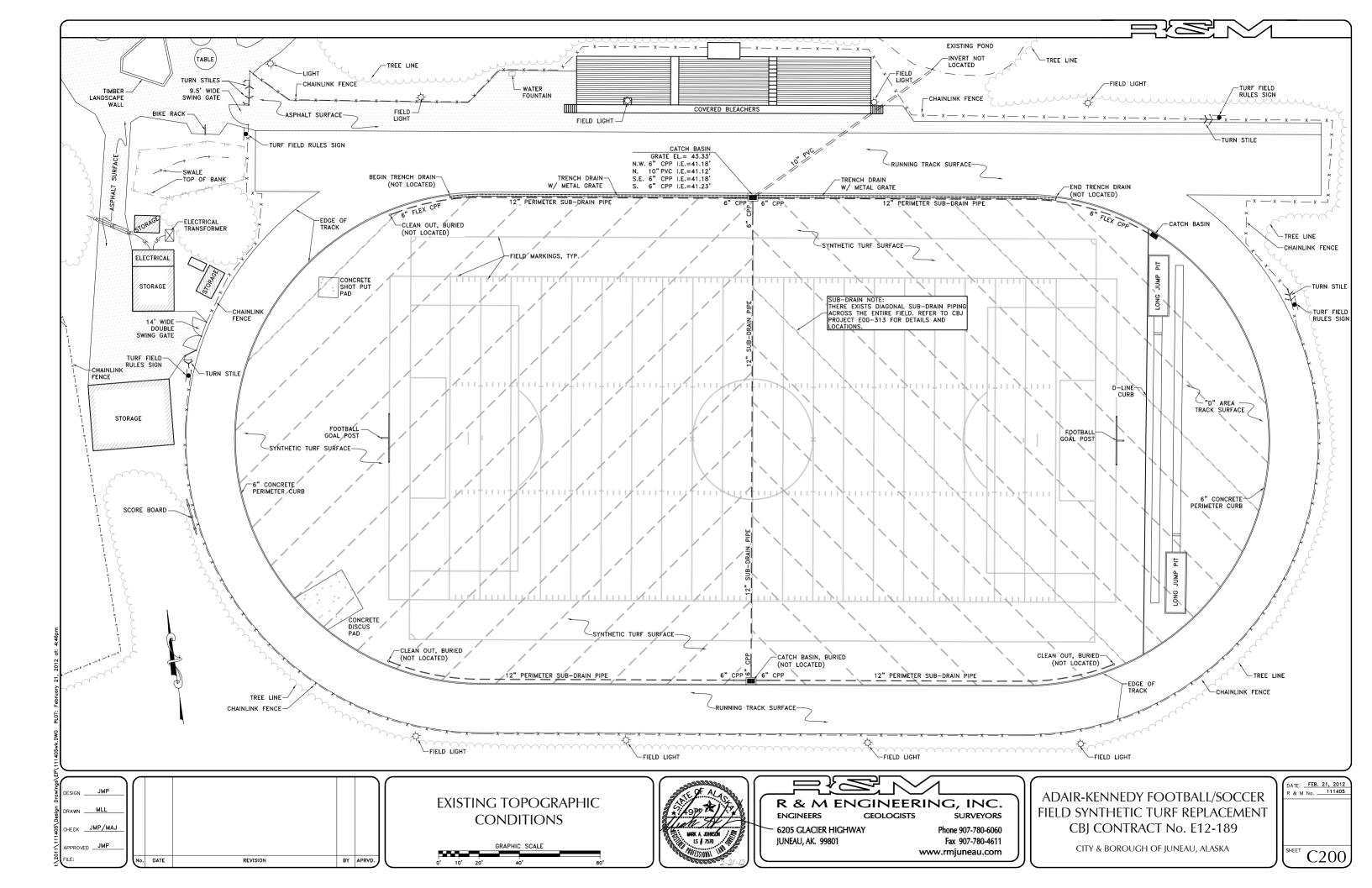
C101

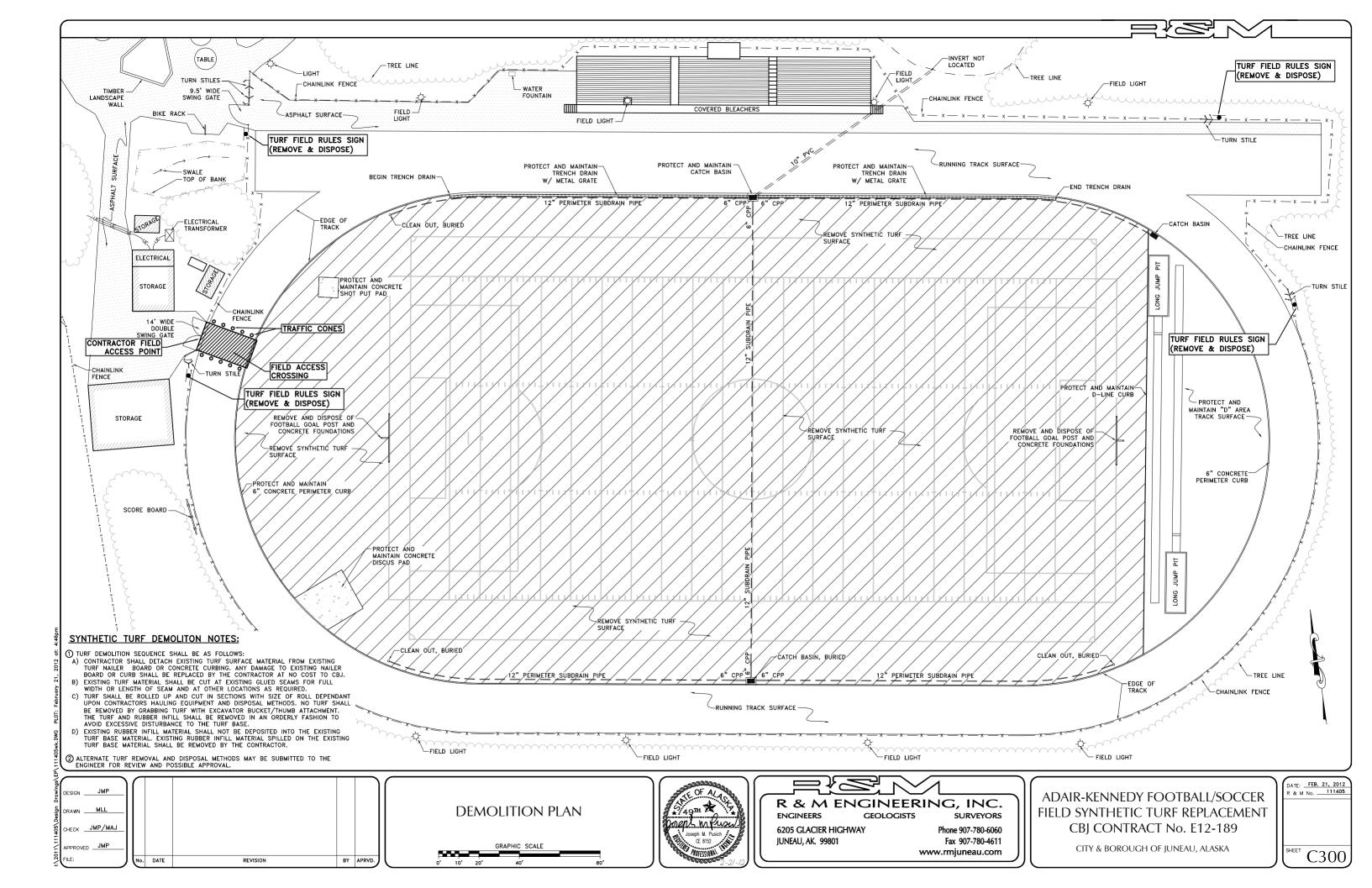
CHECK JMP/MAJ APPROVED JMP

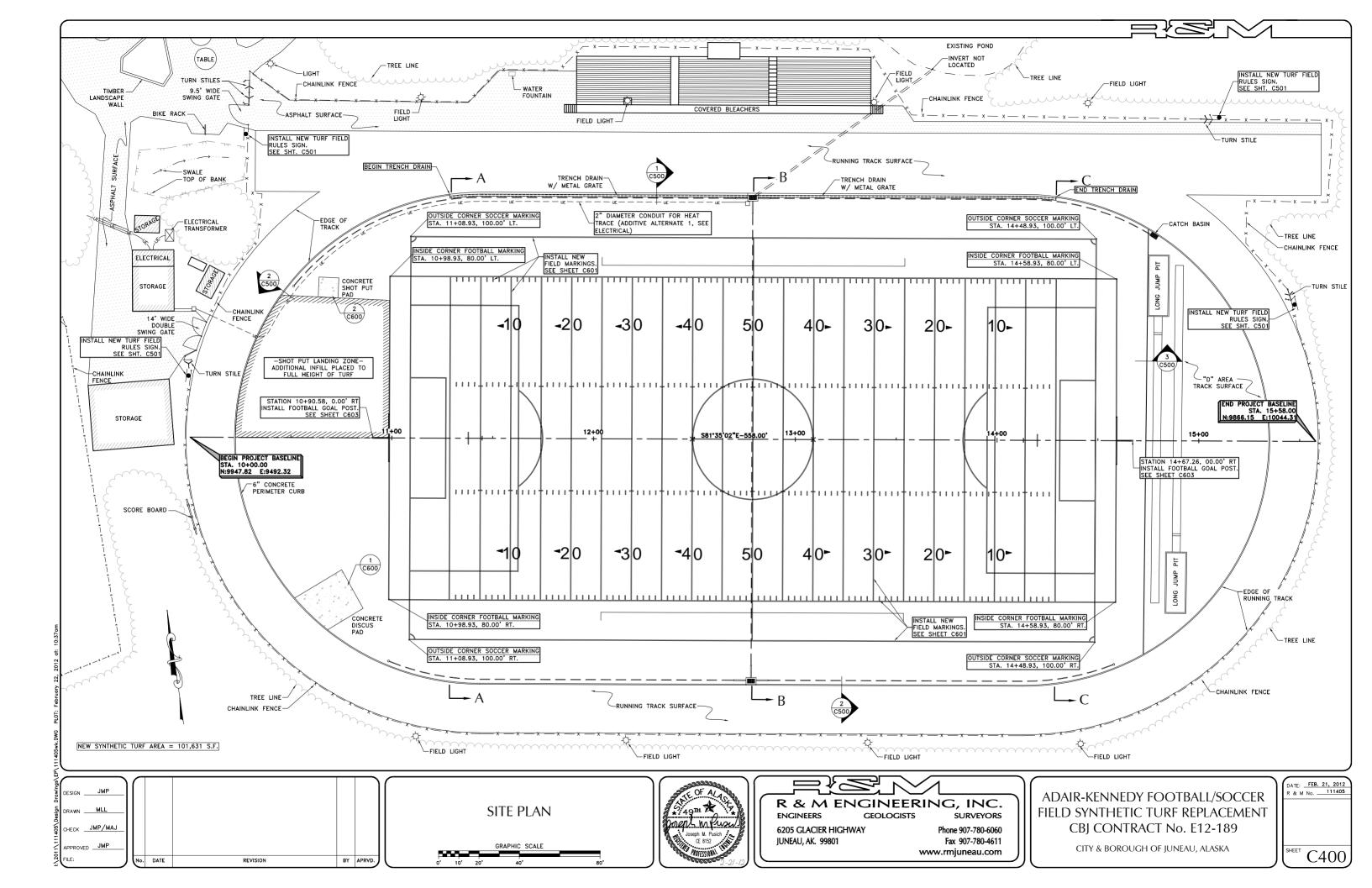
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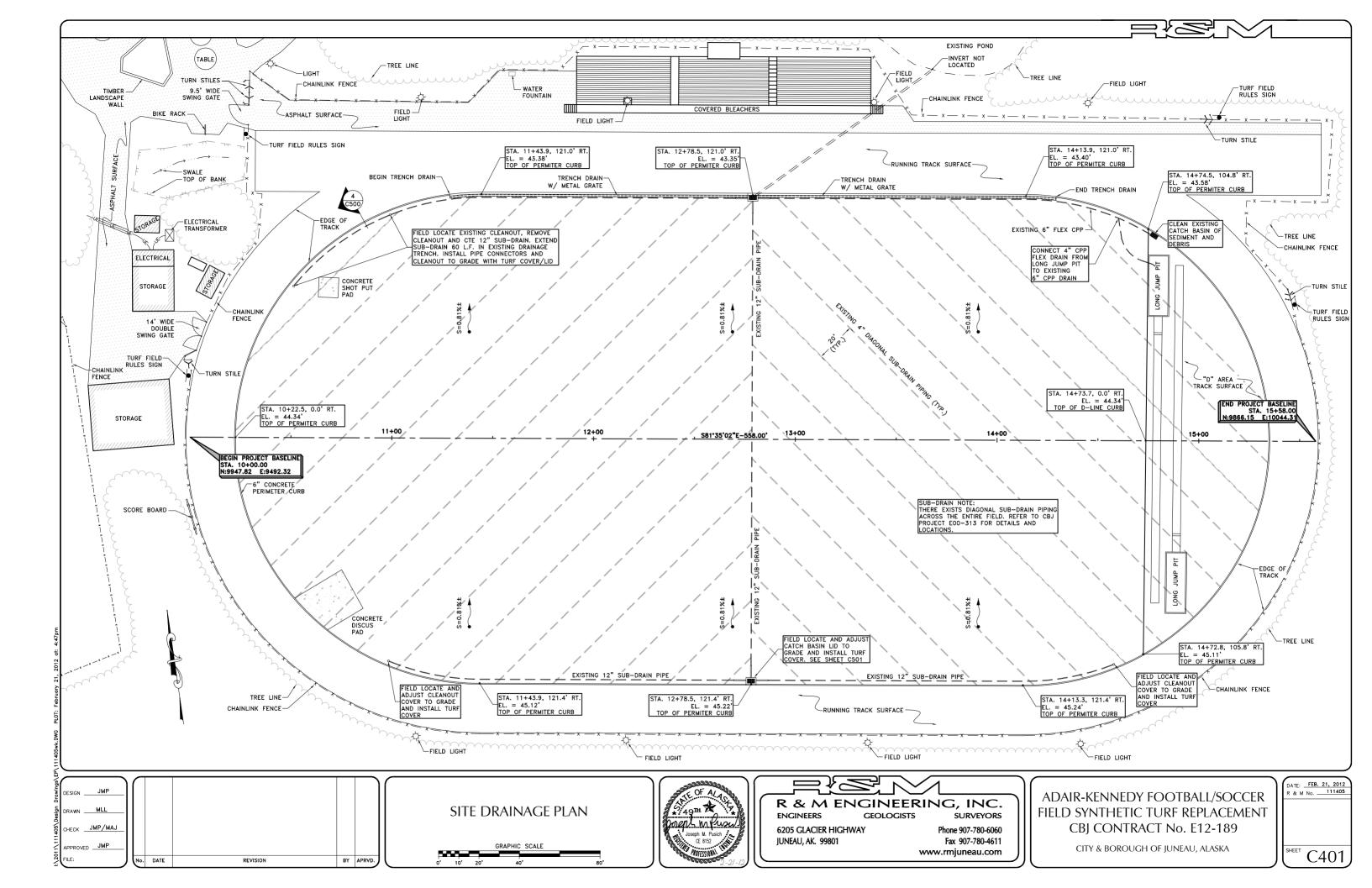


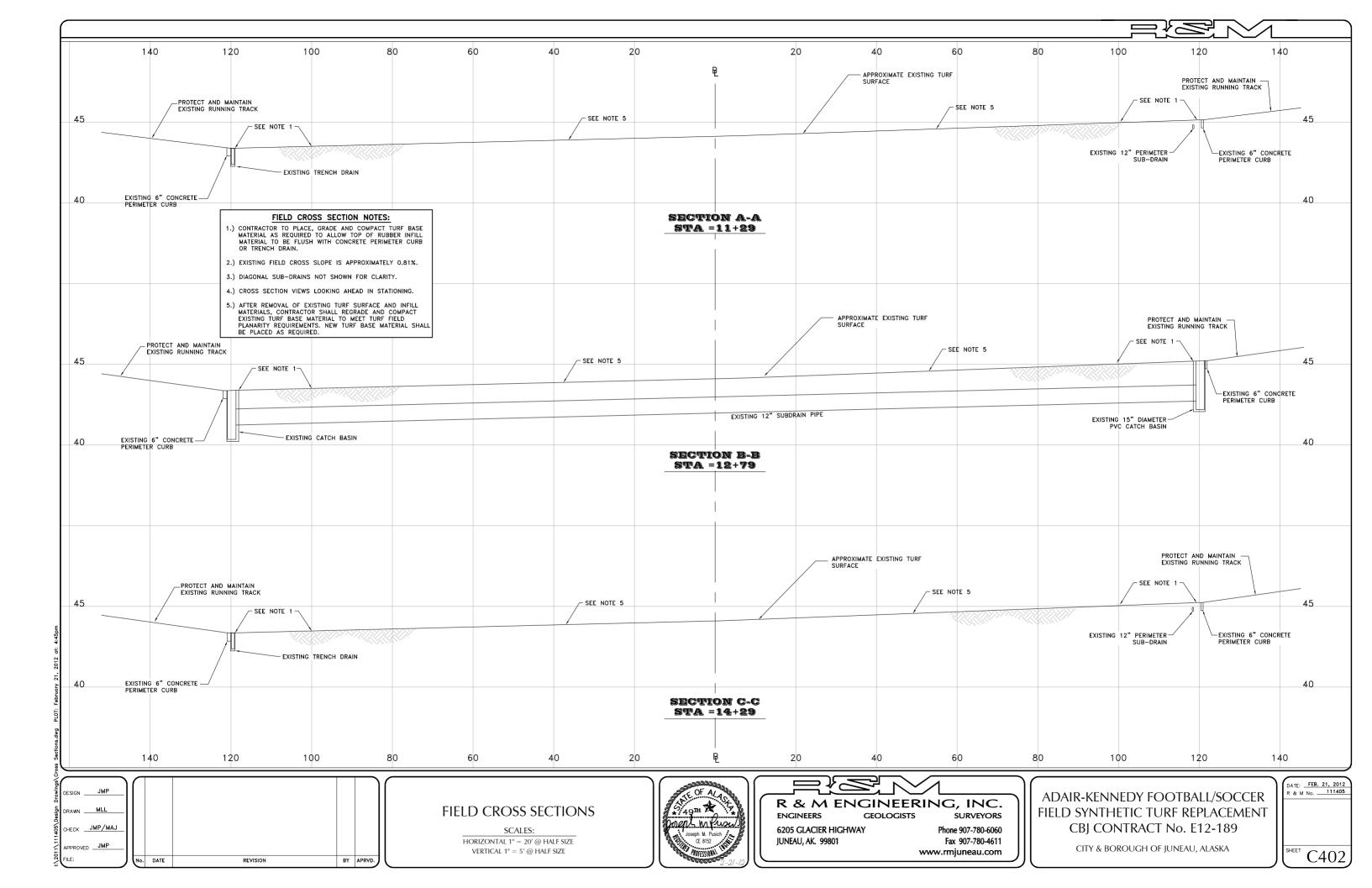


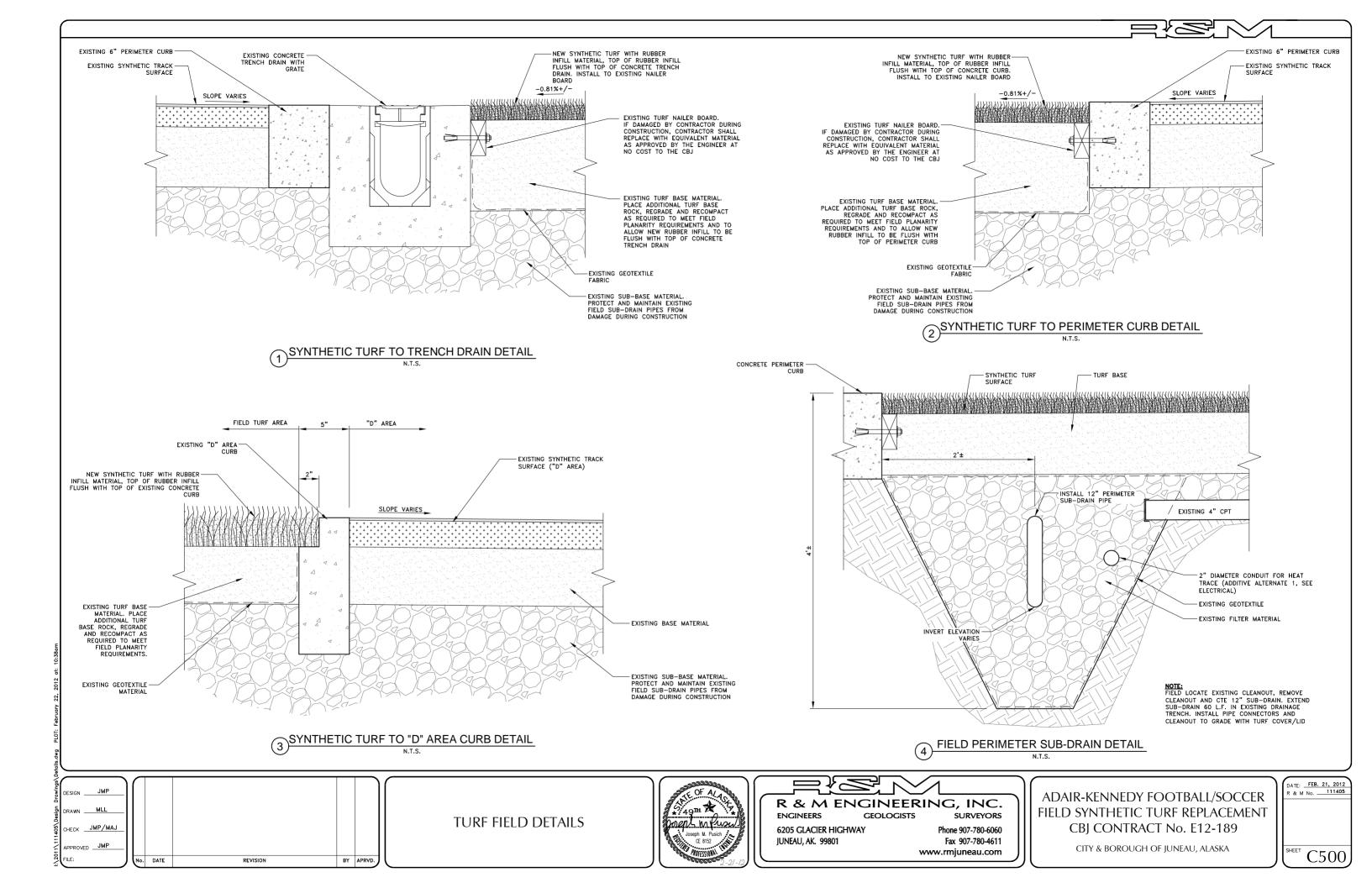


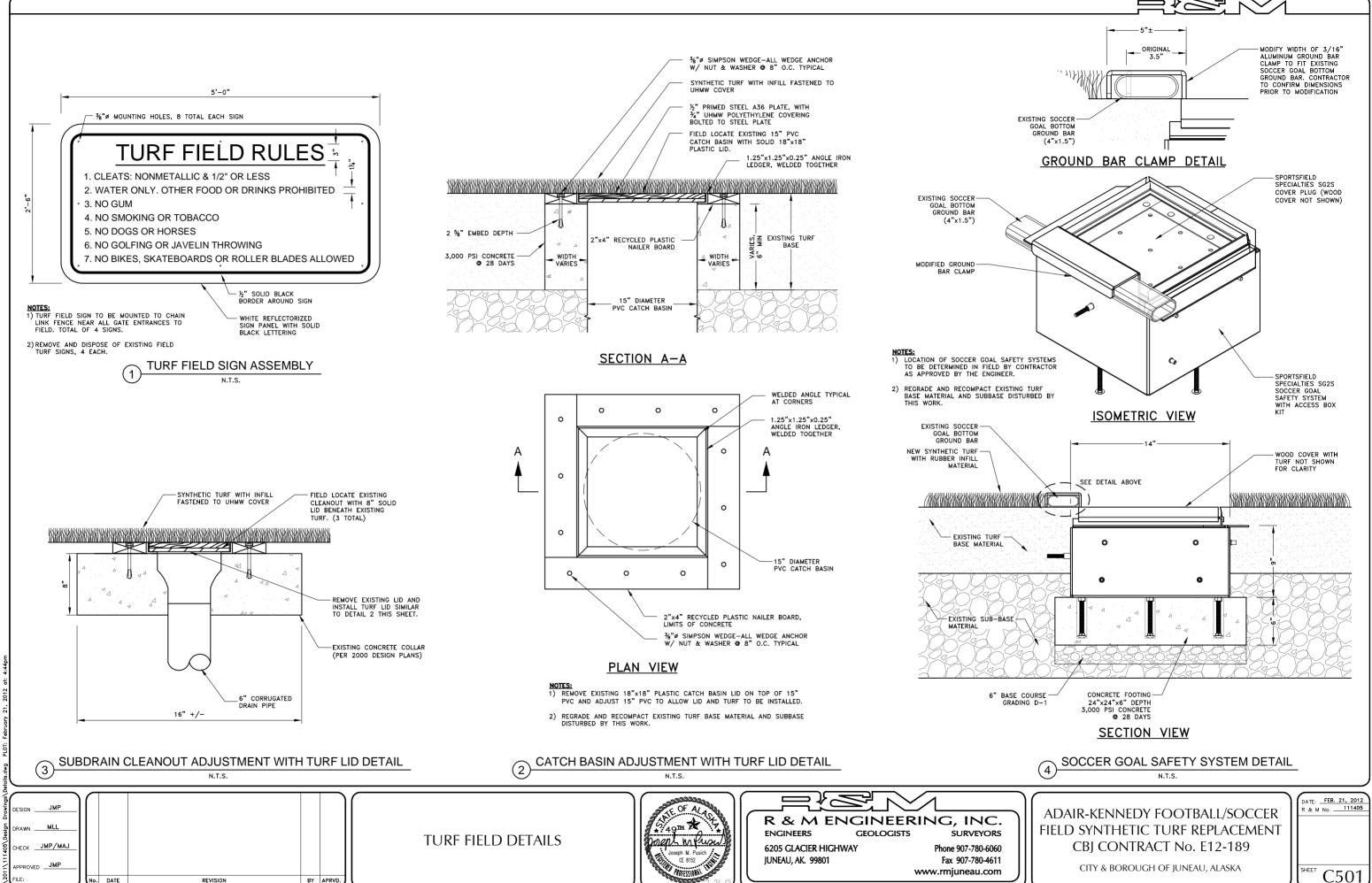


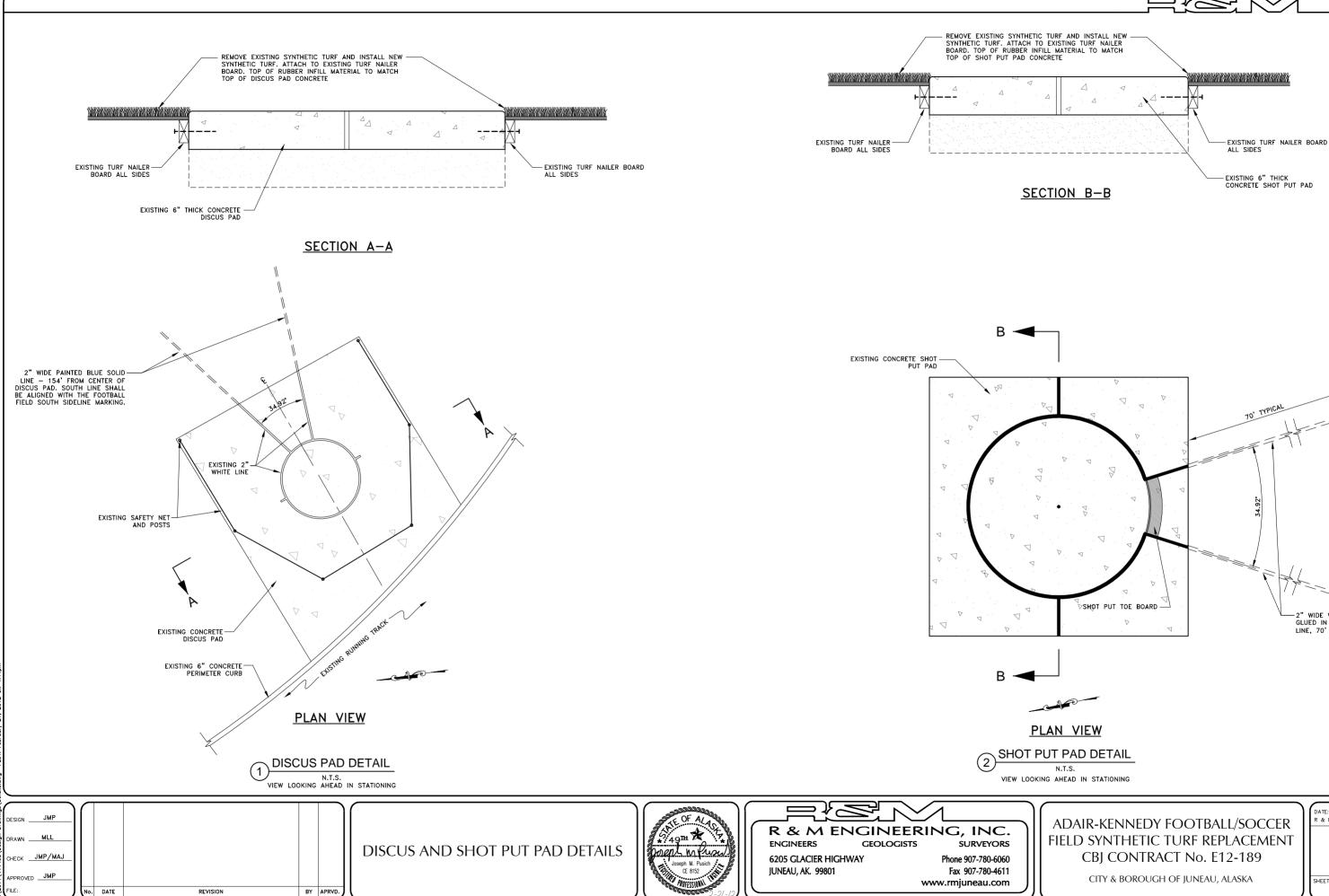






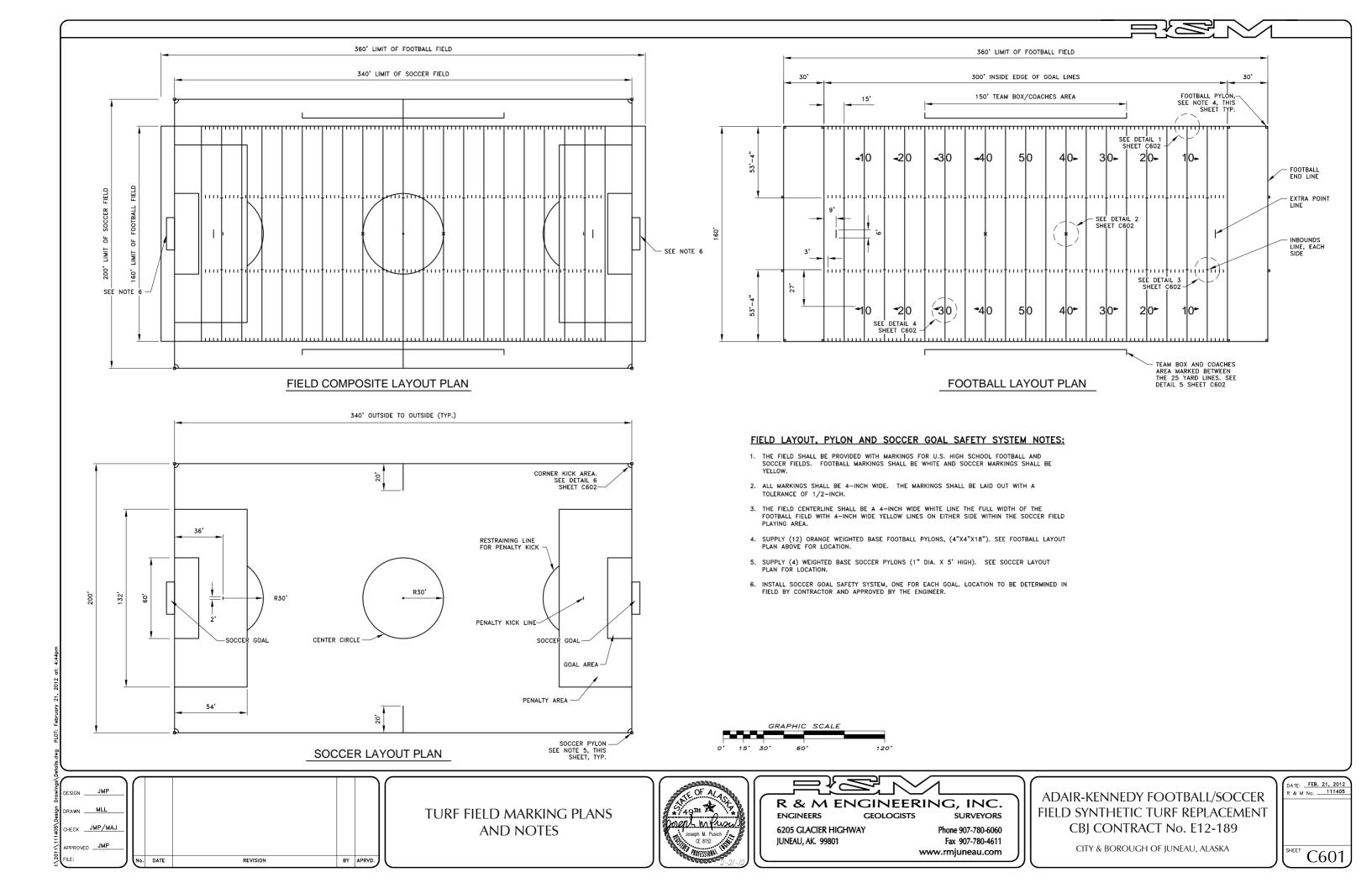


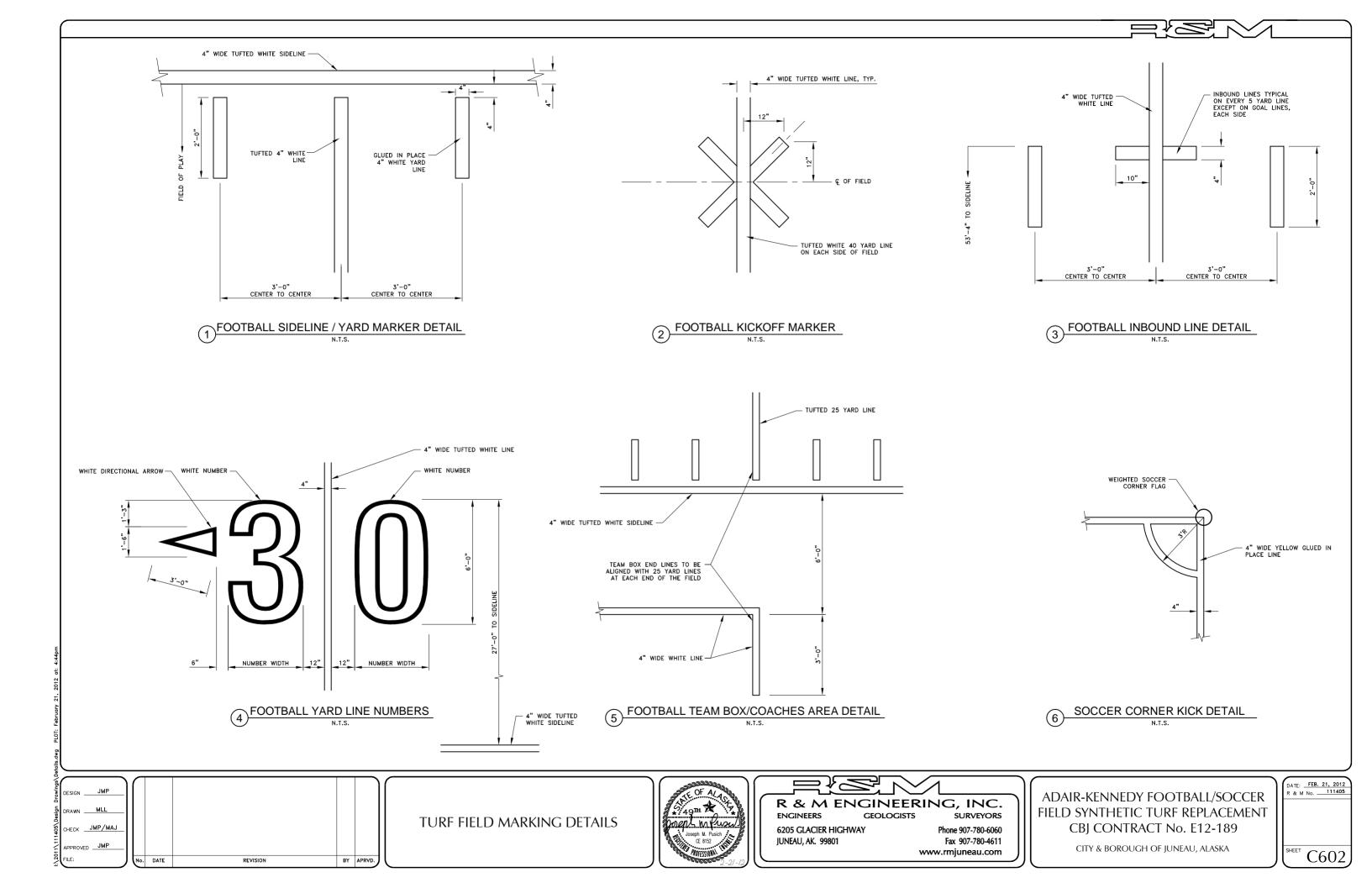


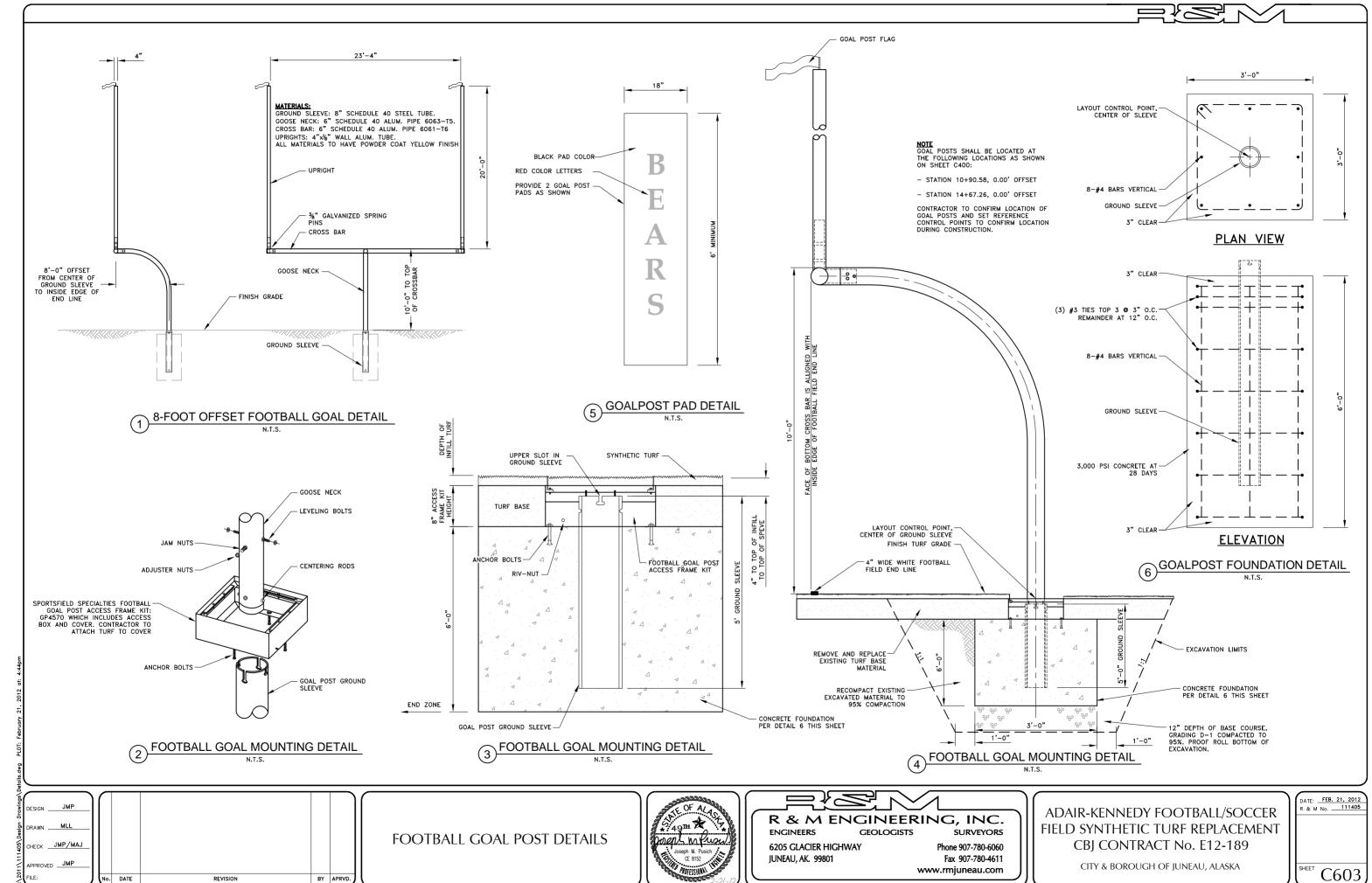


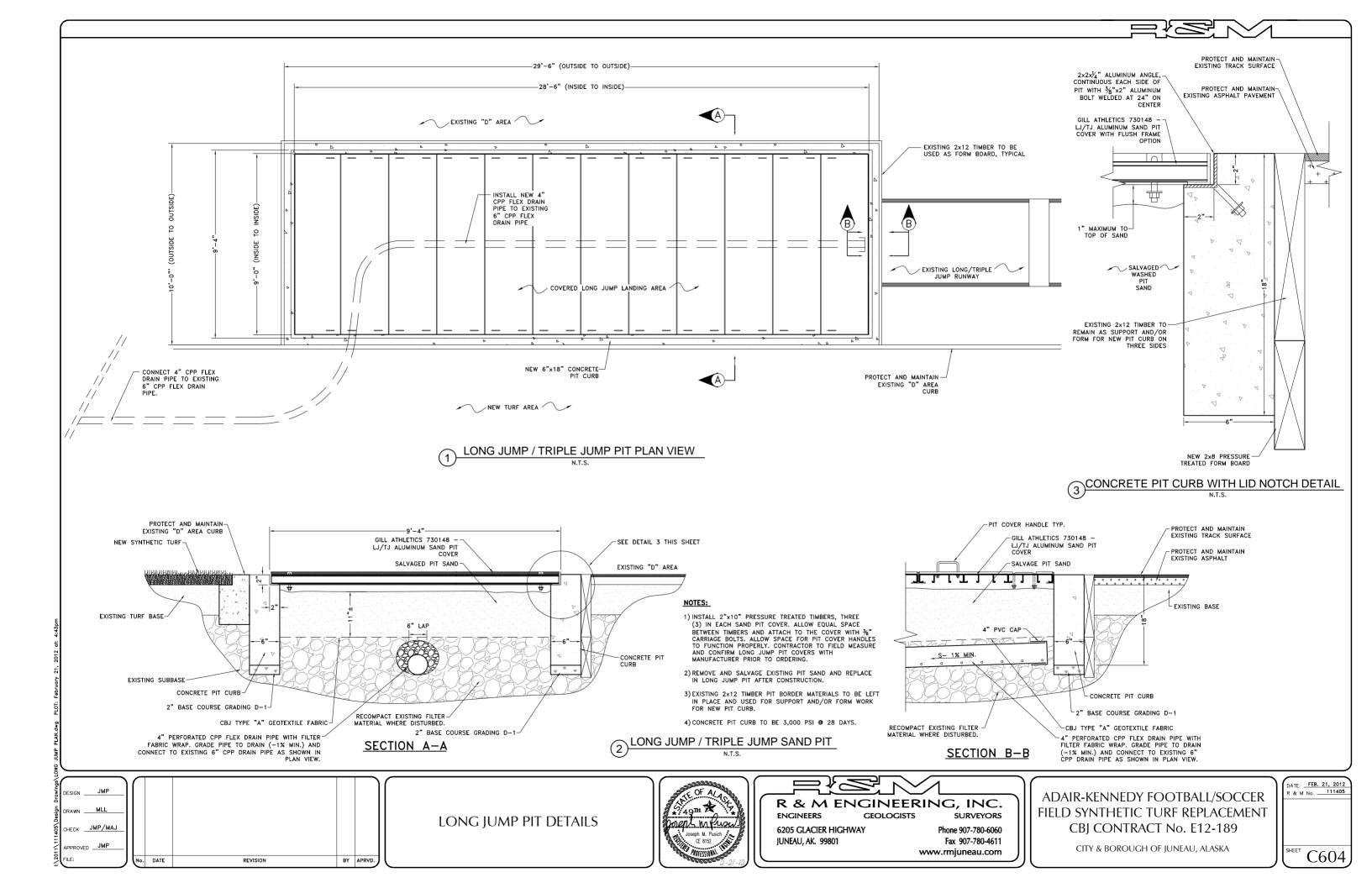
– 2" WIDE WHITE SOLID GLUED IN PLACE LINE, 70' IN LENGTH

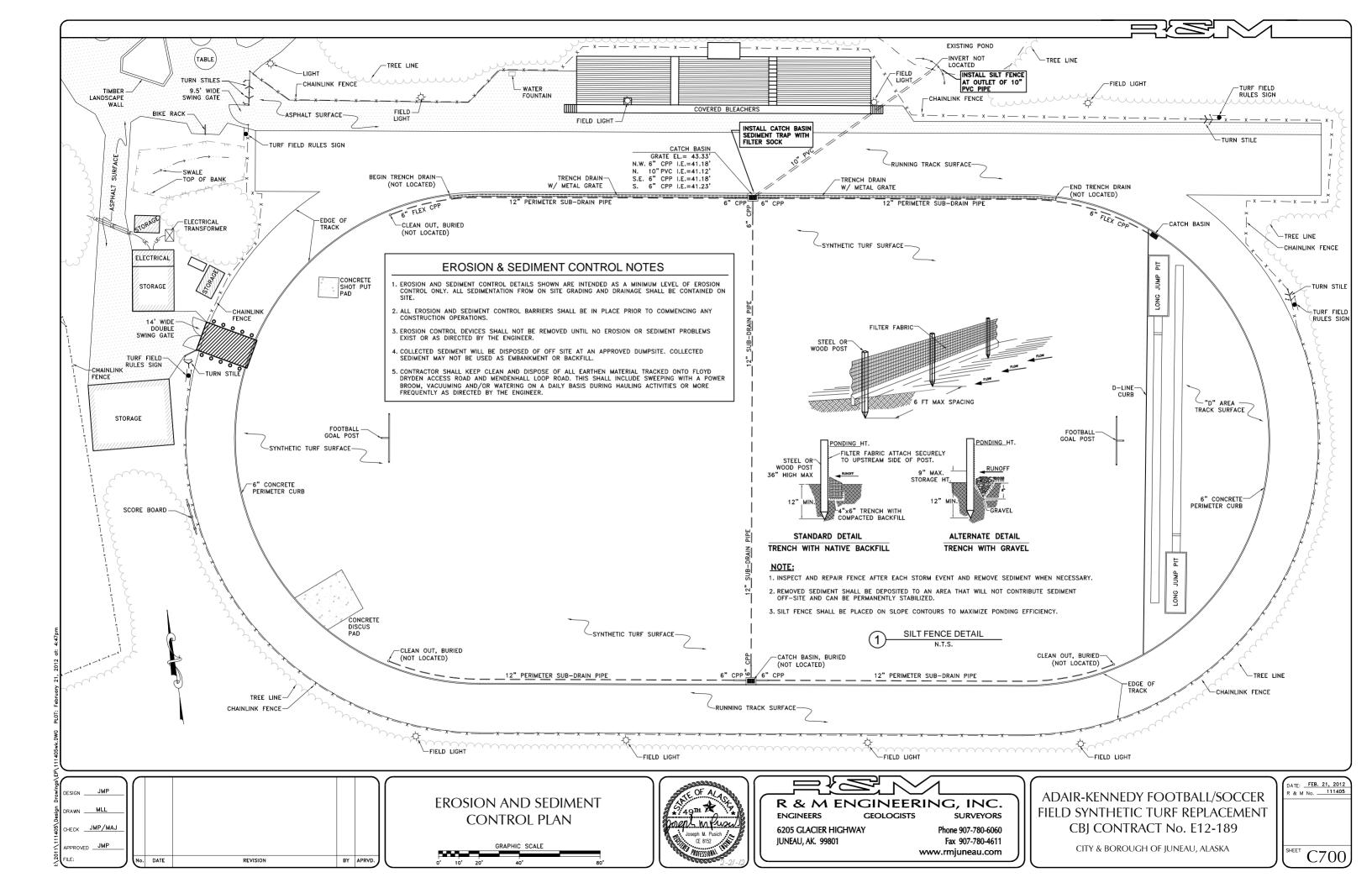
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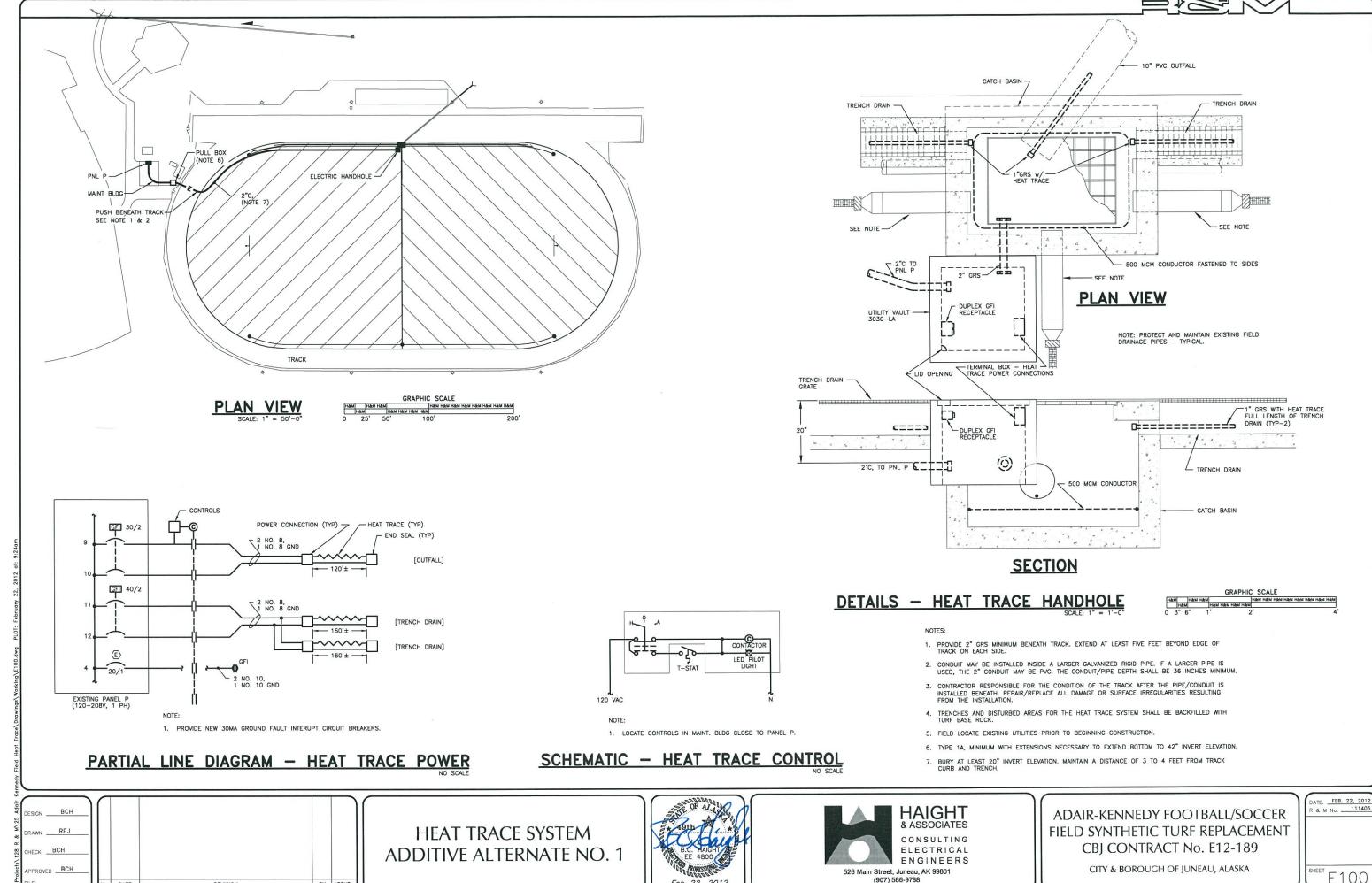












Feb 22, 2012

BY APRVD.

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