

FOUR RIVERS SANITATION AUTHORITY

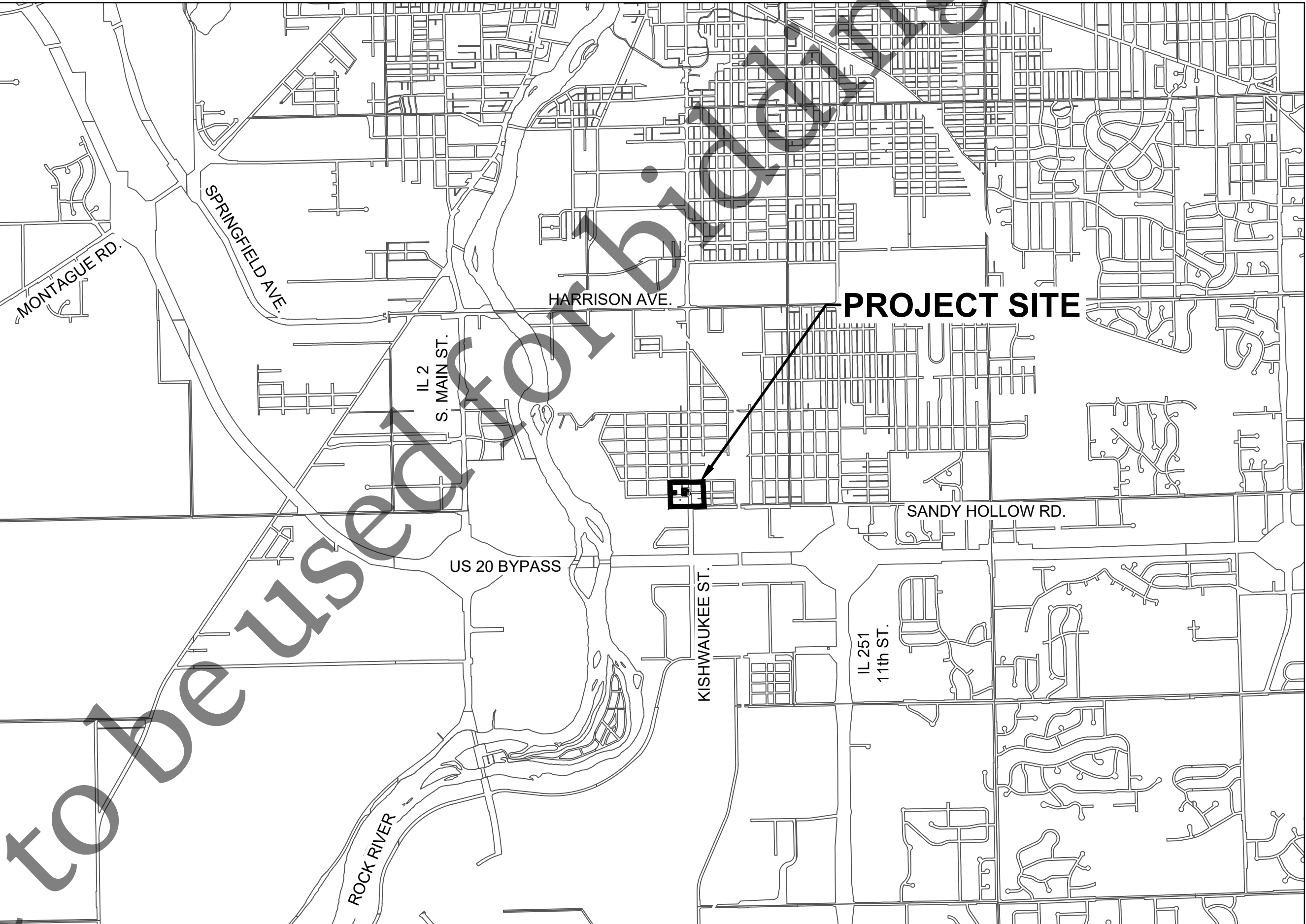
CONSTRUCTION ADMINISTRATION PARKING LOT AND HOUSEHOLD HAZARDOUS WASTE SITES CAPITAL IMPROVEMENT PROJECT #2217 2024

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WINNEBAGO COUNTY, ILLINOIS

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EXPIRES 11/30/2025
SIGNED 05/21/2024



FOR BID

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LEGEND		
EXISTING	PROPOSED	
		RIGHT OF WAY LINE
		PROPERTY LINE
		BUILDING
		WATER EDGE
		EASEMENT - PERMANENT SANITARY
		EASEMENT - TEMPORARY CONSTRUCTION
		VEGETATION / TREE LINE
		TREE DRIPLINE
		CONTOUR - MAJOR
		CONTOUR - MINOR
		FENCE
		FENCE - TEMPORARY CONSTRUCTION
		FENCE - SILT (PERIMETER EROSION BARRIER)
		ROADWAY CENTERLINE
		EDGE OF PAVEMENT
		CURB & GUTTER
		GUARD RAIL
		RAILROAD TRACKS
		CABLE - OVERHEAD
		CABLE - UNDERGROUND
		ELECTRIC - OVERHEAD
		ELECTRIC - UNDERGROUND
		FIBER OPTIC
		GAS LINE
		TELEPHONE - OVERHEAD
		TELEPHONE - UNDERGROUND
		PEDESTALS (CATV, ELEC, TELE), GAS METER, ELEC METER
		ELECTRIC MANHOLE, HANDHOLE
		SOIL BORING
		BENCHMARK & CONTROL POINT
		MAILBOX
		UTILITY POLE W/ GUY WIRE & MAST ARM LIGHT POLE
		TREE (DECIDUOUS & CONIFEROUS)
		BUSH & SHRUB
		GROUND / LANDSCAPE LIGHT
		SPOT ELEVATION



No.	DATE	REVISION	INT.

LEGEND		
EXISTING	PROPOSED	
		SANITARY MANHOLE & SANITARY SEWER
		SANITARY SEWER SERVICE & CLEANOUT
		SANITARY FORCEMAIN
		TREATMENT PLANT PROCESS PIPING
		STORM SEWER
		STORM MANHOLE, CATCH BASIN, CURB & GUTTER INLET, CURB INLET SPECIAL
		DRAINAGE CULVERT, WITH END SECTION
		WATER MAIN
		WATER SERVICE & WATER SERVICE VALVE
		WATER MAIN VALVE
		WATER MAIN VALVE WITH BOX
		WATER MAIN VALVE WITH VAULT
		WATER MAIN REDUCER
		FIRE HYDRANT
		YARD HYDRANT
		WATER WELL
		SPRINKLER HEAD & SPRINKLER VALVE
		EXISTING SURFACE TYPE (HOT-MIX ASPHALT, AGGREGATE, CONCRETE, TURF)
		DITCH CHECK
		INLET OR PIPE PROTECTION
PROPOSED		
		EROSION CONTROL BLANKET
		HEAVY DUTY EROSION CONTROL BLANKET
		TEMPORARY EROSION CONTROL SEEDING
		SEEDING AREA, CLASS 1
		SEEDING AREA, CLASS 2, 3, OR 4
		LANDSCAPE
PROPOSED		
		STABILIZED CONSTRUCTION ENTRANCE
		RIP RAP
		PAVEMENT REPLACEMENT, PCC
		PAVEMENT REPLACEMENT, HMA
		DRIVEWAY REPLACEMENT
		AGGREGATE REPLACEMENT
ABBREVIATIONS		
ABD = ABANDON(ED)	LS = LUMP SUM	
CMP = CORRUGATED METAL PIPE	MH = MANHOLE	
CO = CLEAN OUT	MIN = MINIMUM	
CTRL = CONTROL	PVMNT = PAVEMENT	
CY = CUBIC YARD(S)	PRC = PRECAST REINFORCED CONCRETE	
DI = DUCTILE IRON	PR = PROPOSED	
EA = EACH	RCP = REINFORCED CONCRETE PIPE	
EL = ELEVATION	REM = REMOVE(D)	
EROS = EROSION	REPL = REPLACE(D)	
EX = EXISTING	R/R = REMOVE & REPLACE	
FES = FLARED END SECTION	SAN = SANITARY	
FM = FORCE MAIN	SVC = SERVICE	
FRSA = FOUR RIVERS SANITATION AUTHORITY	SY = SQUARE YARD(S)	
FT = FEET	TY = TYPE	
INV = INVERT	UNK = UNKNOWN	
LF = LINEAR FEET	VCP = VITRIFIED CLAY PIPE	
LINCIPP = LINED WITH CURED IN PLACE PIPE	WM = WATER MAIN	

HOUSEHOLD HAZARDOUS WASTE SITE
CAPITAL IMPROVEMENT PROJECT #2217

GENERAL NOTES

1. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE EXECUTION OF WORK TO THE LINES AND GRADES SHOWN ON THE PLANS. CONSTRUCTION SHALL NOT VARY FROM THE PLANS WITHOUT PRIOR APPROVAL FROM THE FOUR RIVERS SANITATION AUTHORITY (FRSA).
2. THE CONTRACTOR SHALL NOTIFY THE FRSA, MUNICIPAL AGENCIES, JURISDICTIONAL ROADWAY AUTHORITIES AND ALL AFFECTED PROPERTY OWNERS A MINIMUM OF 48 HOURS PRIOR TO START OF CONSTRUCTION.
3. THE CONTRACTOR SHALL IDENTIFY ALL UTILITY LOCATIONS IN THE FIELD BY CONTACTING J.U.L.I.E. AT 811 OR 1-800-892-0123 AND ALL UTILITIES NOT ON THE J.U.L.I.E. NETWORK 48 HOURS, MINIMUM, PRIOR TO START OF CONSTRUCTION.
4. ALL ROADWAY CONSTRUCTION SHALL BE COMPLETED IN ACCORDANCE WITH THE REQUIREMENTS OF THE ROADWAY AUTHORITY, THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION, AND THE FOUR RIVERS SANITATION AUTHORITY.
5. THE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF THE ILLINOIS URBAN MANUAL FOR SOIL EROSION AND SEDIMENT CONTROL.
6. PROTECTION OF WATER SUPPLIES SHALL BE IN ACCORDANCE WITH TITLE 35, C, SECTION 370.350 OF THE ILLINOIS RECOMMENDED STANDARDS FOR SEWAGE WORKS.
7. ALL STRUCTURES, INLETS, PIPES, SWALES, AND PAVEMENT MUST BE KEPT CLEAN AND FREE OF DIRT AND DEBRIS AT ALL TIMES.
8. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ADEQUATE SIGNS, BARRICADES, FENCING, TRAFFIC CONTROL DEVICES AND MEASURES, AND ALL OTHER MEASURES THAT ARE NECESSARY TO PROTECT THE SAFETY OF THE SITE AT ALL TIMES.
9. PROPERTY CORNERS MUST BE CAREFULLY PROTECTED UNTIL THEY HAVE BEEN REFERENCED BY A PROFESSIONAL LAND SURVEYOR.

SPECIAL CONSIDERATIONS

1. PROJECT ACCESS WILL BE ALLOWED OFF OF MARTIN ROAD.
2. THE CONTRACTOR SHALL OBTAIN A CITY OF ROCKFORD RIGHT-OF-WAY ENCROACHMENT PERMIT PRIOR TO STARTING ANY WORK. THE CONTRACTOR SHALL PAY ALL ASSOCIATED FEES AND SUBMIT ALL REQUIRED BOND AND INSURANCE INFORMATION TO THE CITY FOR APPROVAL. COPIES OF ALL CITY PERMITS, INCLUDING PROOF OF INSURANCE AND BOND, SHALL BE SUBMITTED TO THE FRSA UPON RECEIPT BY THE CONTRACTOR. ALL COSTS ASSOCIATED WITH CITY OF ROCKFORD PERMITS SHALL BE AT NO ADDITIONAL COST TO THE FRSA.

SUMMARY OF QUANTITIES

No.	ITEM	UNIT	QTY.
1	HMA SRF CSE IL 9.5 MIX "D" N50, 2"	TON	412
2	HMA BDR CSE IL 19.0 N50, 4"	TON	823
3	PAVEMENT MARKING - LINE 4"	FOOT	511
4	PAVEMENT MARKINGS - SYMBOLS	EACH	2

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UTILITIES

NICOR (GAS) SAKIBUL FORAH (815) 388-2903	FRONTIER (COMMUNICATIONS)
COMED (ELECTRIC) AMIR MAHMUTAGIC (630) 437-2212	ILLINOIS FIBER RESOURCES LANCE SANDY (815) 753-6075
AT&T (COMMUNICATIONS) HECTOR GARCIA (630) 573-5465	CITY OF ROCKFORD-WATER DIV. JAMIE ROTT (779) 348-7654
COMCAST (COMMUNICATIONS) KEITH KOSHINSKI (224) 229-5432	CITY OF ROCKFORD-ENGINEERING TIMOTHY HINKENS (779) 348-7300

HOT-MIX ASPHALT MIXTURE
REQUIREMENTS

MIXTURE USE(S)	SURFACE COURSE	BINDER COURSE
PG:	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4.0 @ N50	4.0 @ N50
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL 9.5	IL 19.0
FRICTION AGGREGATE	MIX "D"	N/A
MIX UNIT WEIGHT	112 lbs/sy/in	112 lbs/sy/in
QUALITY MGMT PROGRAM	QC/QA	QC/QA
THESE MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT		

LEGEND GENERAL NOTES & SUM OF QTYS

Sheet No.
G001

FOR BID

Date:
05/21/2024

1. PAVEMENT & CURB REMOVAL AND REPLACEMENT LIMITS SHALL BE FROM NEAREST EXISTING JOINT IN ALL DIRECTIONS, PARTIAL SLAB REMOVAL WILL NOT BE ALLOWED. LOCATIONS SHOWN ARE AN APPROXIMATION OF REMOVAL LIMITS.
2. UTILITY LOCATIONS SHOWN ARE APPROXIMATE, CONTRACTOR TO VERIFY TYPE, SIZE, AND LOCATION.

BENCHMARKS	
DESCRIPTION	ELEVATION *
BENCHMARK 322 FD. RR SPIKE SET IN POWER POLE ±8.6 FT SOUTH OF CURB AT PLANT ENTRANCE AND ±12' WEST OF GUARD HOUSE.	701.63
CONTROL POINT 19 MONUMENT ±8.7 FT EAST OF EAST EOP OF KISHWAUKEE AND ±25.7 FT NORTH OF NORTH EOP OF TAFT ROAD.	704.17

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PAVING OPERATIONS, AND PAVEMENT MARKINGS. OTHER INFORMATION
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Sanitary MH # 004-009
Rim = 713.94
8" lined (N) = 705.64
8" lined (S) = 705.23

EXISTING BUILDING

EXISTING 12" WATER MAIN

EXISTING 2" GAS MAIN

SAWCUT
84.8 L.F.

PAVEMENT AND SIDEWALK
REMOVAL 136 SY

KISHWAUKEE STREET

Storm MH
Rim = 703.21
15" RCP (S) Out = 698.36
12" RCP (N) in = 698.71

PAVEMENT AND SIDEWALK

TAFT ROAD

EXISTING 2" GAS MAIN

REMOVE A
TELEPHONE
PEDESTAL

**EXISTING SITE
22,505 SQ. FT.**

REMOVE AT&T
- TELEPHONE
PEDESTAL

BITUMINOUS PAVEMENT
REMOVAL 235.6 SY

GRAVEL SHOULDER
REMOVAL 20.7 SY

PAVEMENT REMOV
SAWCUT 85.6 L.F.

SIDEWALK REMOVAL 5.2 SY

MARTIN ROAD

EXISTING PLANT ENTRANCE

Sanitary MH # 004-163
Rim = 703.15
27" rcp (SW) = 693.47
27" rcp (NE) = 693.47

Sanitary MH # 004-162
Rim = 703.38
27" rcp (SW) = 693.49
27" rcp (NE) = 693.56
27" vcp (SE) = 693.60

Sanitary MH # 004-032
Rim = 703.69
27" rcp (SW) = 693.55
27" rcp (NE) = 693.59



20 0 20 40

SCALE IN FEET



No.	DATE	REVISION	INT

**HOUSEHOLD HAZARDOUS WASTE SITE
CAPITAL IMPROVEMENT PROJECT #2217**

EXISTING CONDITIONS & REMOVALS PLAN

FOR BID

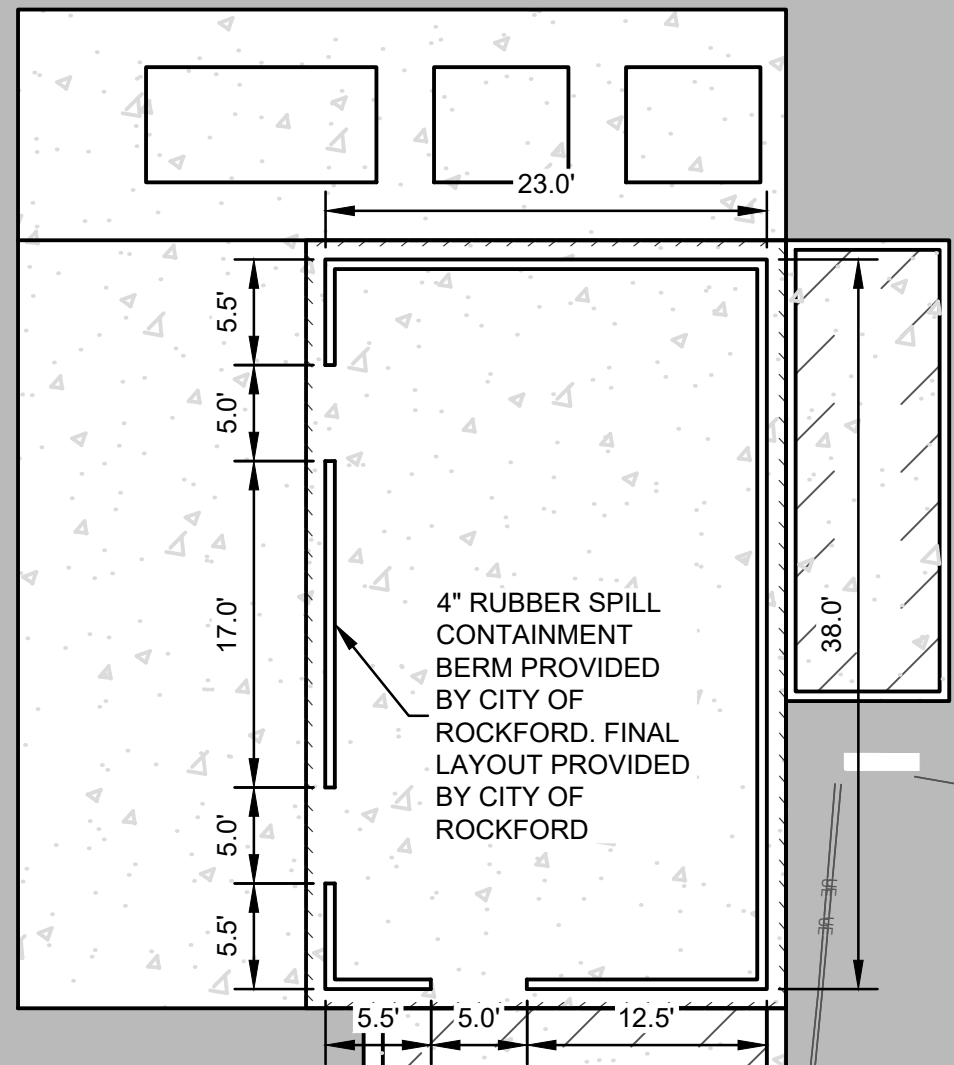
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05/21/2024

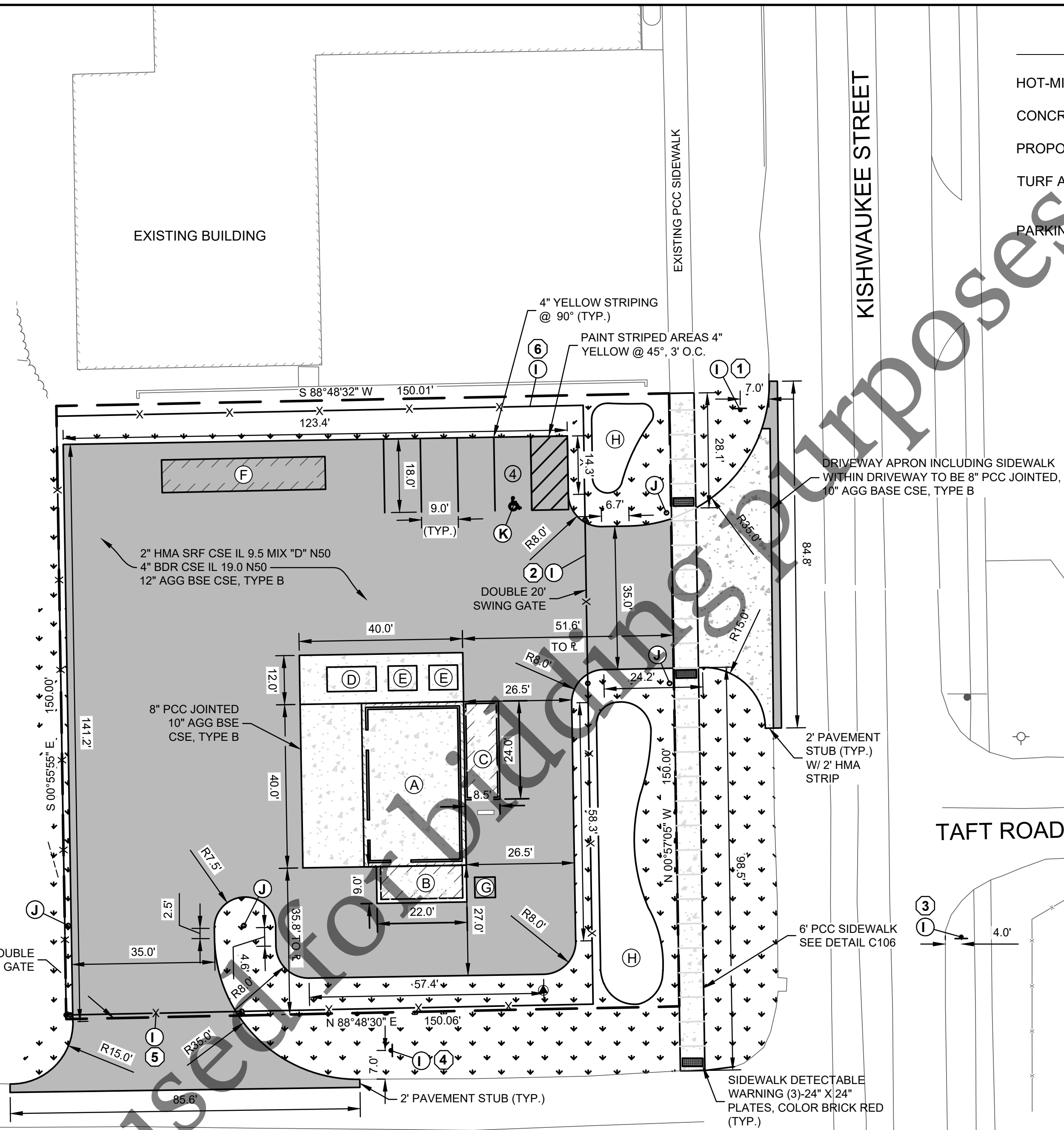
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CITY OF ROCKFORD SIGNAGE		
KEY	TYPE	REMARKS
①	POLE MOUNTED	18"X24" "HOUSEHOLD WASTE DROPOFFS" DIRECTIONAL ARROW RIGHT
②	FENCE MOUNTED	48" X 24" "HOUSEHOLD WASTE DROPOFFS" "SAT 8 AM - 4 PM" "SUN 12 PM - 4 PM" "NO AFTER HOUR DROPOFFS" "VIOLATORS WILL BE PROSECUTED"
③	POLE MOUNTED	18" X 24" "HOUSEHOLD WASTE DROPOFFS" DIRECTIONAL ARROW LEFT
④	POLE MOUNTED	18" X 24" "HOUSEHOLD WASTE DROPOFFS EXIT ONLY"
⑤	FENCE MOUNTED	48" X 24" "HOUSEHOLD WASTE DROPOFFS" "SAT 8 AM - 4 PM" "SUN 12 PM - 4 PM" "NO AFTER HOUR DROPOFFS" "VIOLATORS WILL BE PROSECUTED"
⑥	FENCE MOUNTED	HANDICAP SIGN



3
C101
CONTAINMENT CURB DETAIL
SCALE 1"=10"



LEGEND

HOT-MIX ASPHALT	
CONCRETE	
PROPOSED CANOPY	
TURF AREA	
PARKING STALLS	④

NOTES

- (A) STORAGE CANOPY, 25' X 40'
- (B) OFFICE TRAILER, 20' X 8'
- (C) STORAGE SHED, 23' X 7.5'
- (D) TIN HOPPER, 12' X 6'
- (E) DUMPSTER, 6' X 7'
- (F) TIRE STORAGE, 40' X 8'
- (G) PORTABLE TOILET
- (H) LANDSCAPE BERM
- (I) SIGNAGE PER THE CITY OF ROCKFORD
- (J) GATE HOLDBACK AND POST
- (K) H.C. SYMBOL DETAIL 1, C106

GENERAL NOTES:

- ALL ANGLES FOR ROADWAY, PARKING LOT, AND CONCRETE PAD LOCATIONS ARE 90° UNLESS NOTED OTHERWISE.
- SIGN CONSTRUCTION AND PAVEMENT MARKINGS SHALL CONFORM TO THE REQUIREMENTS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION.
- ALL RADII ARE DIMENSIONED TO THE EDGE OF PAVEMENT.
- ALL COORDINATES AND DIMENSIONS ARE REFERENCED TO THE EDGE OF PAVEMENT OR CENTERLINE OF STRIPE UNLESS NOTED OTHERWISE.
- SOME FIELD ADJUSTMENTS MAY BE NECESSARY AT POINTS WHERE PAVEMENT AND SIDEWALKS MEET EXISTING PAVEMENT, CURB, AND SIDEWALKS. REVIEW ANY REQUIRED CHANGES WITH ENGINEER PRIOR TO CONSTRUCTION OF WORK.
- PROPOSED CANOPY AND ANY REQUIRED PERMITS BY THE CITY OF ROCKFORD.

1 ASPHALT PAVEMENT SECTION

C101 NOT TO SCALE

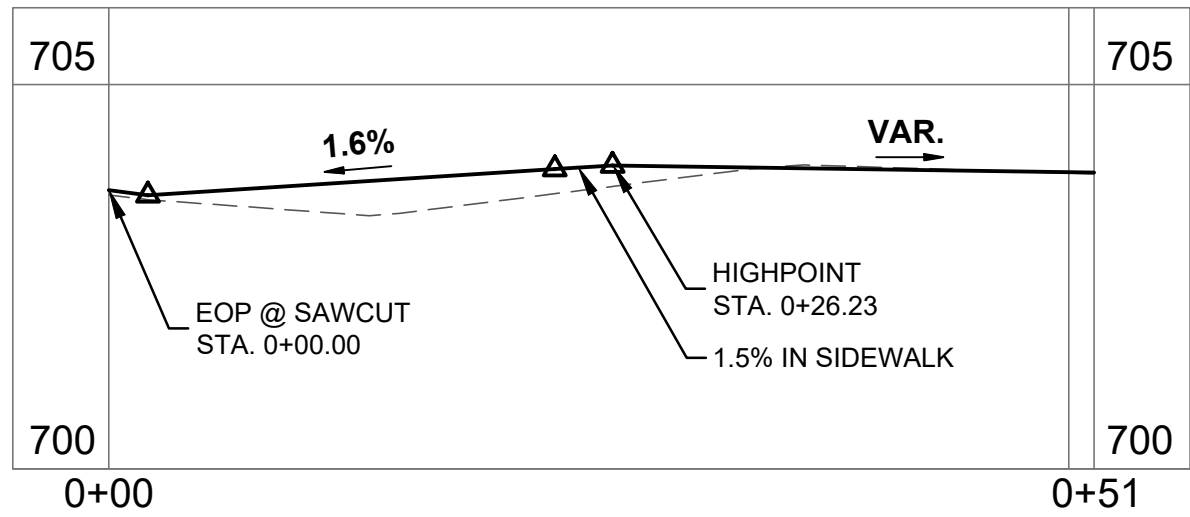
2 CONCRETE PAVEMENT SECTION

C101 NOT TO SCALE

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1 KISHWAUKEE STREET ENTRANCE PROFILE
C102 SCALE 1"=10', 1H:4V

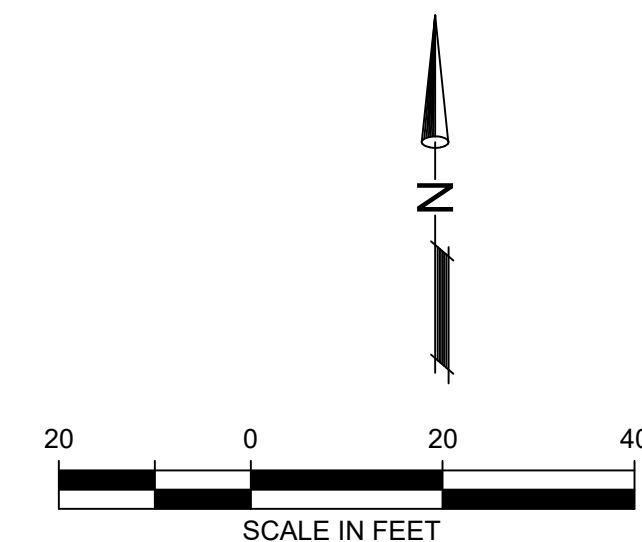
LEGEND	
HOT-MIX ASPHALT	
CONCRETE	
PROPOSED CANOPY	

- GENERAL NOTES:**
- ALL UNPAVED AREAS ARE TO RECEIVE 6 INCHES OF TOPSOIL AND BE SEED, MULCHED, AND WATERED UNTIL A HEALTH STAND OF GRASS IS OBTAINED.
 - THE MAXIMUM SLOPE RATION ON CUT/FILL SLOPES IS 3 HORIZONTAL TO 1 VERTICAL UNLESS OTHERWISE NOTED.
 - PROPERTY CORNERS MUST BE CAREFULLY PROTECTED UNTIL THEY HAVE BEEN REFERENCED BY A PROFESSIONAL LAND SURVEYOR.
 - ALL PROPOSED AREAS SHALL BE STRIPPED OF TOPSOIL AND UNSUITABLE MATERIAL AND EXCAVATED OR FILLED TO WITHIN 0.10 FOOT OF DESIGN SUBGRADE.
 - THE SUBGRADE OF PAVEMENT AREAS SHALL BE FREE OF ALL UNSUITABLE MATERIAL AND SHALL BE COMPACTED TO A MINIMUM 95 PERCENT OF STANDARD PROCTOR DENSITY.
 - THE SUBGRADE SHALL BE PROOF ROLLED, INSPECTED, AND APPROVED BY DESIGN ENGINEER PRIOR TO PLACING THE BASE MATERIAL.
 - THE CONTRACTOR MUST MAINTAIN POSITIVE DRAINAGE AT THE CONCLUSION OF EACH WORKING DAY.

BENCHMARKS	
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CONTROL POINT 19 MONUMENT ±8.7 FT EAST OF EAST EOP OF KISHWAUKEE AND ±25.7 FT NORTH OF NORTH EOP OF TAFT ROAD.	704.17

* ELEVATIONS SHOWN ARE ON NAVD 88 DATUM

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HOUSEHOLD HAZARDOUS WASTE SITE
CAPITAL IMPROVEMENT PROJECT #2217

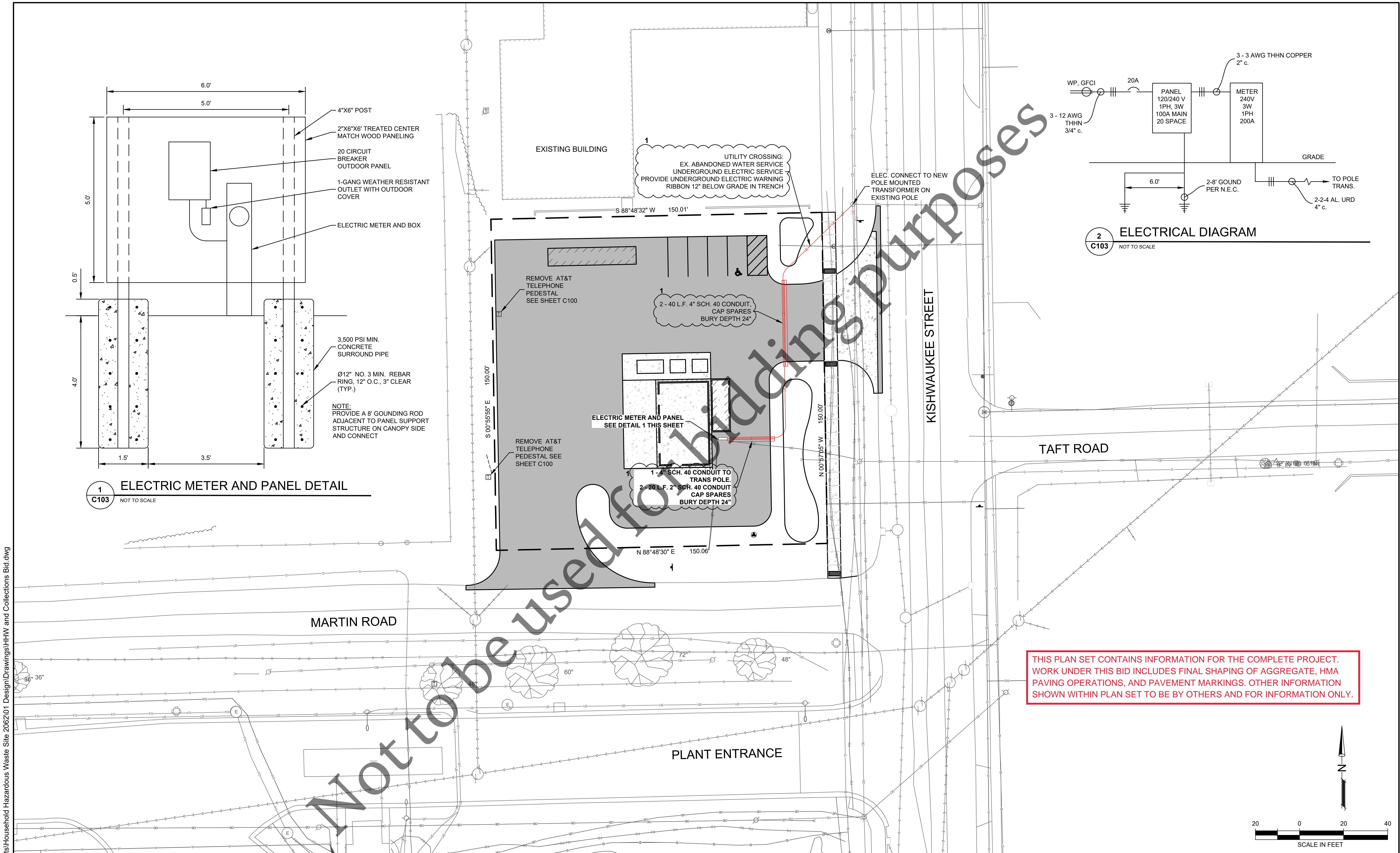
SITE GRADING PLAN

FOR BID

Sheet No.
C102

Date:
05/21/2024

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No.	DATE	REVISION	INT.
1	5/1/24	BURY DEPTH	

HOUSEHOLD HAZARDOUS WASTE SITE
CAPITAL IMPROVEMENT PROJECT #2217

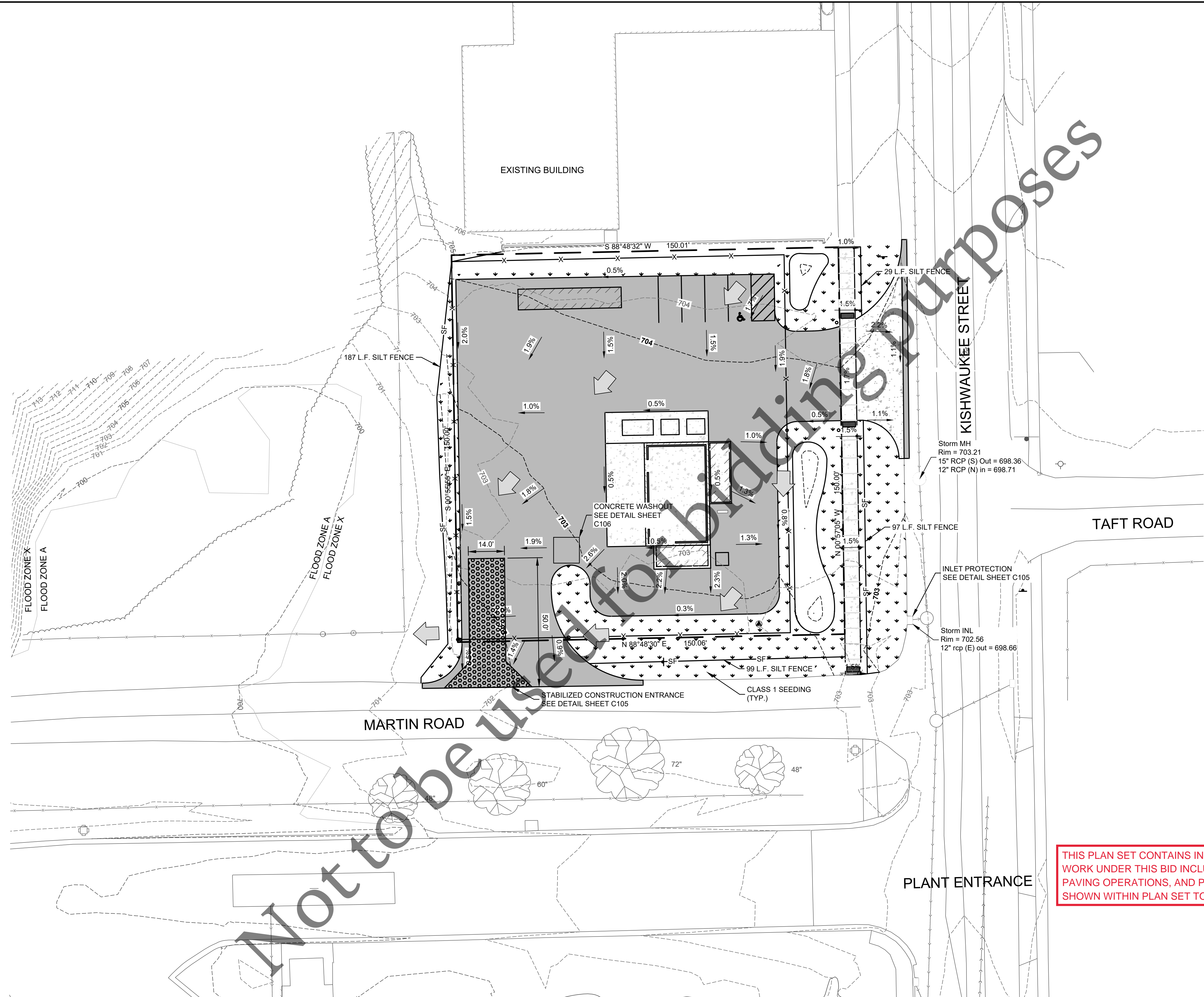
SITE UTILITY PLAN

FOR BID

Sheet No.
C103

Date:
05/21/2024

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LEGEND

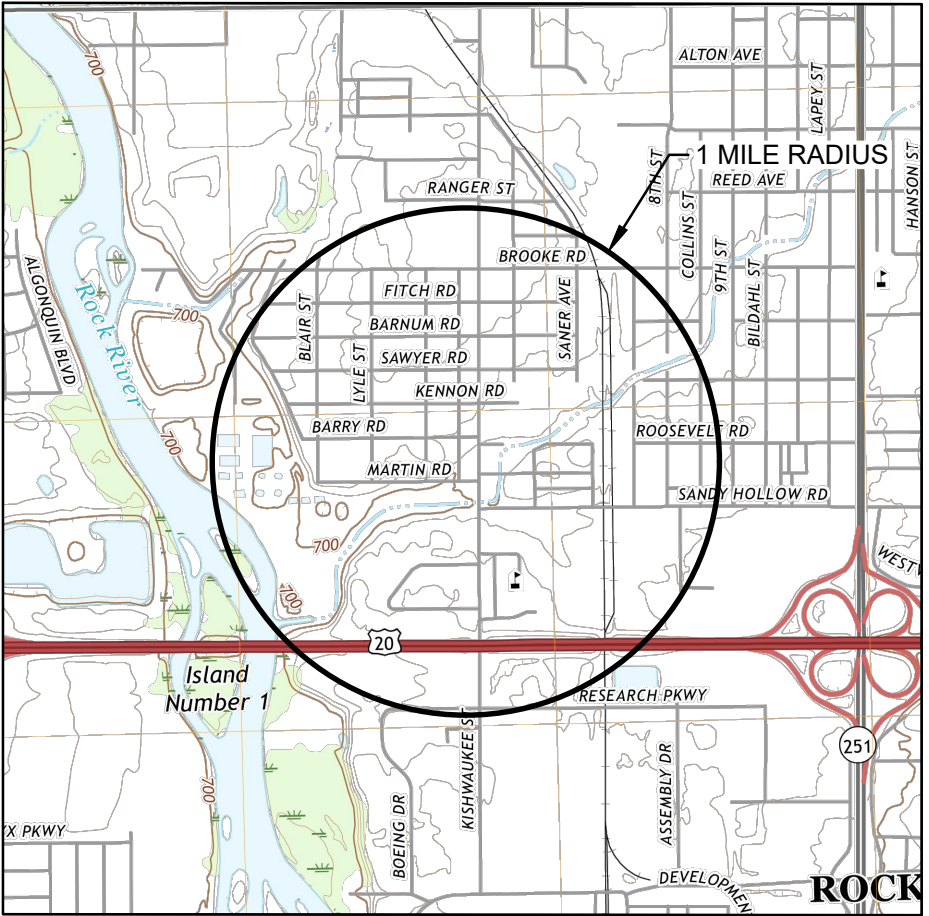
HOT-MIX ASPHALT [Pattern]

CONCRETE [Pattern]

PROPOSED CANOPY [Pattern]

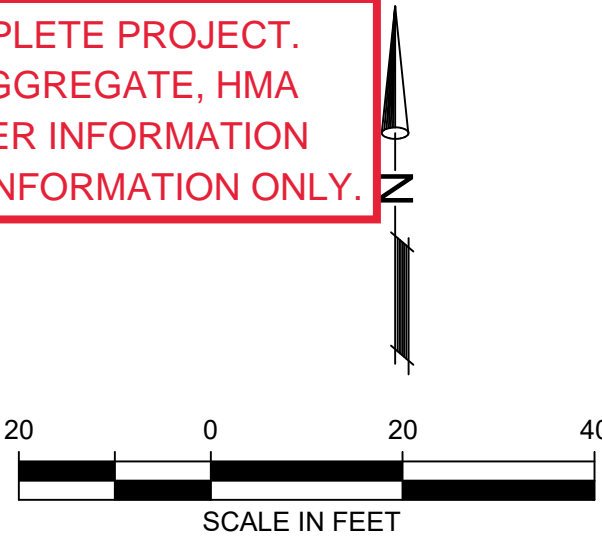
OVERLAND FLOOD ROUTE [Arrow]

- GENERAL NOTES:**
1. THE TOTAL DISTURBED AREA IS LESS THAN 1 ACRE MAKING THE NPDES GENERAL PERMIT NOT REQUIRED. THE CONTRACTOR MUST STILL FOLLOW THE EROSION CONTROL PLAN AS RECOMMENDED PRACTICE.
 2. ANY DISTURBED UNSURFACES AREAS MUST BE KEPT TO A PRACTICAL MINIMUM AND MUST RECEIVE SIX INCHES OF TOPSOIL AND BE SEEDED, MULCHED, AND WATERED UNTIL A HEALTHY STAND OF GRASS IS OBTAINED.
 3. ALL INLETS, STRUCTURES, PIPES, SWALES, AND ROADS MUST BE KEPT CLEAN AND FREE OF DIRT AND SILT.
 4. ALL STORM STRUCTURES THAT RECEIVE SILTY RUNOFF DURING CONSTRUCTIONS MUST RECEIVE INLET PROTECTION. NO STORM STRUCTURE MAY BE ALLOWED TO BE PROTECTED WITH ANY MEASURE OTHER THAN THOSE DETAILED IN THESE PLANS FOR MORE THAN 48 HOURS OR IF RAIN IS IMMINENT. STRUCTURES WITH CLOSED LIDS WILL NOT REQUIRE PROTECTION FOLLOWING INSTALLATION OF LID.
 5. DO NOT TRACK DIRT OR SPILL DIRT CLUMPS ONTO ADJACENT ROADWAYS. IF DIRT IS DEPOSITED ON PAVEMENTS, THE CONTRACTOR MUST REMOVE THE DIRT AND CLEAN THE PAVEMENT IMMEDIATELY.
 6. CONTRACTOR MUST INSPECT ALL SEDIMENT CONTROL DEVICES, MATERIAL STORAGE AREAS, AND DISCHARGE POINTS FOR PROPER FUNCTION EACH WEEK OR WITHIN 24 HOURS OF A 0.5" RAINFALL EVENT.



USGS 7.5 MINUTE MAP

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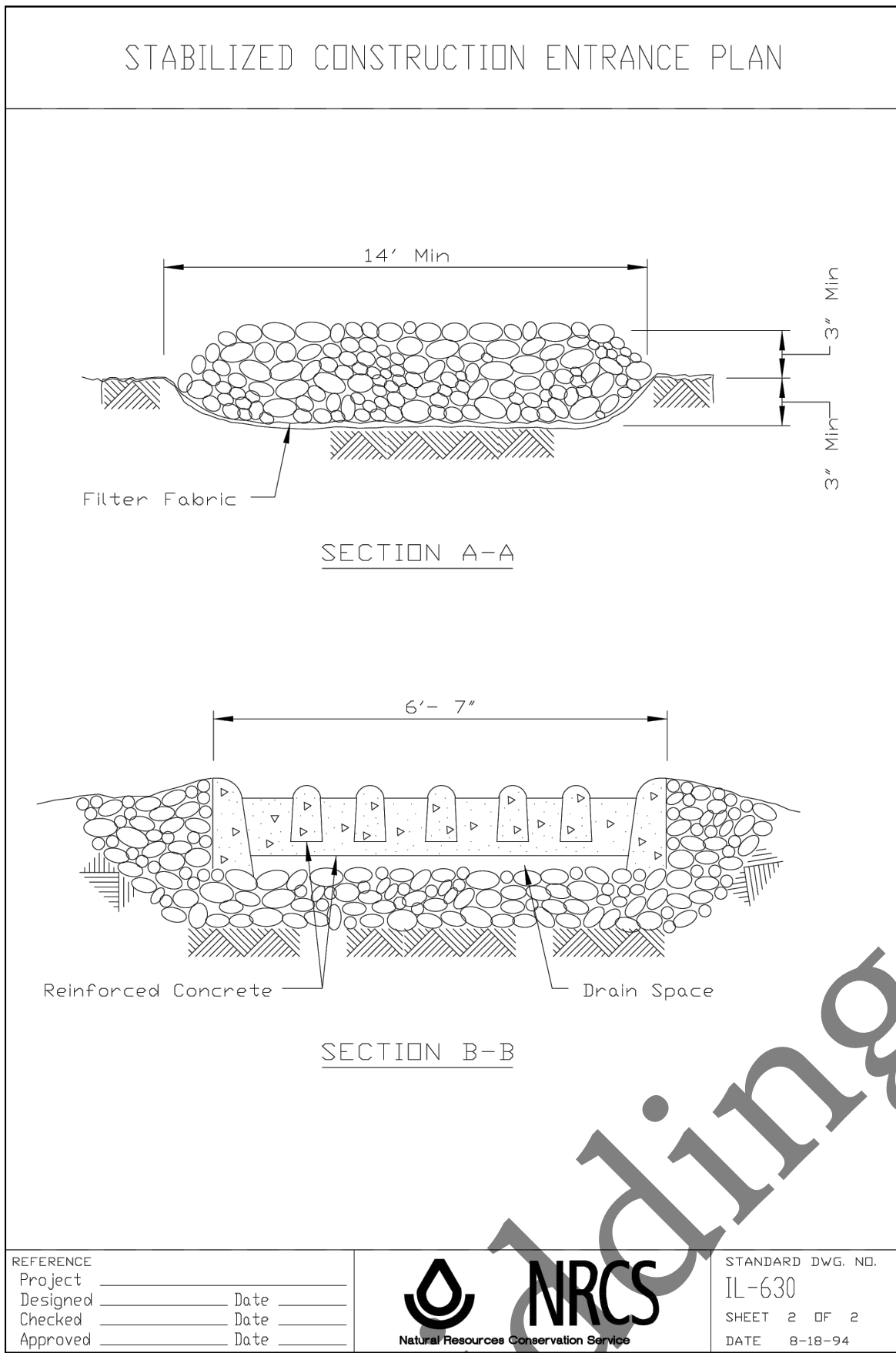
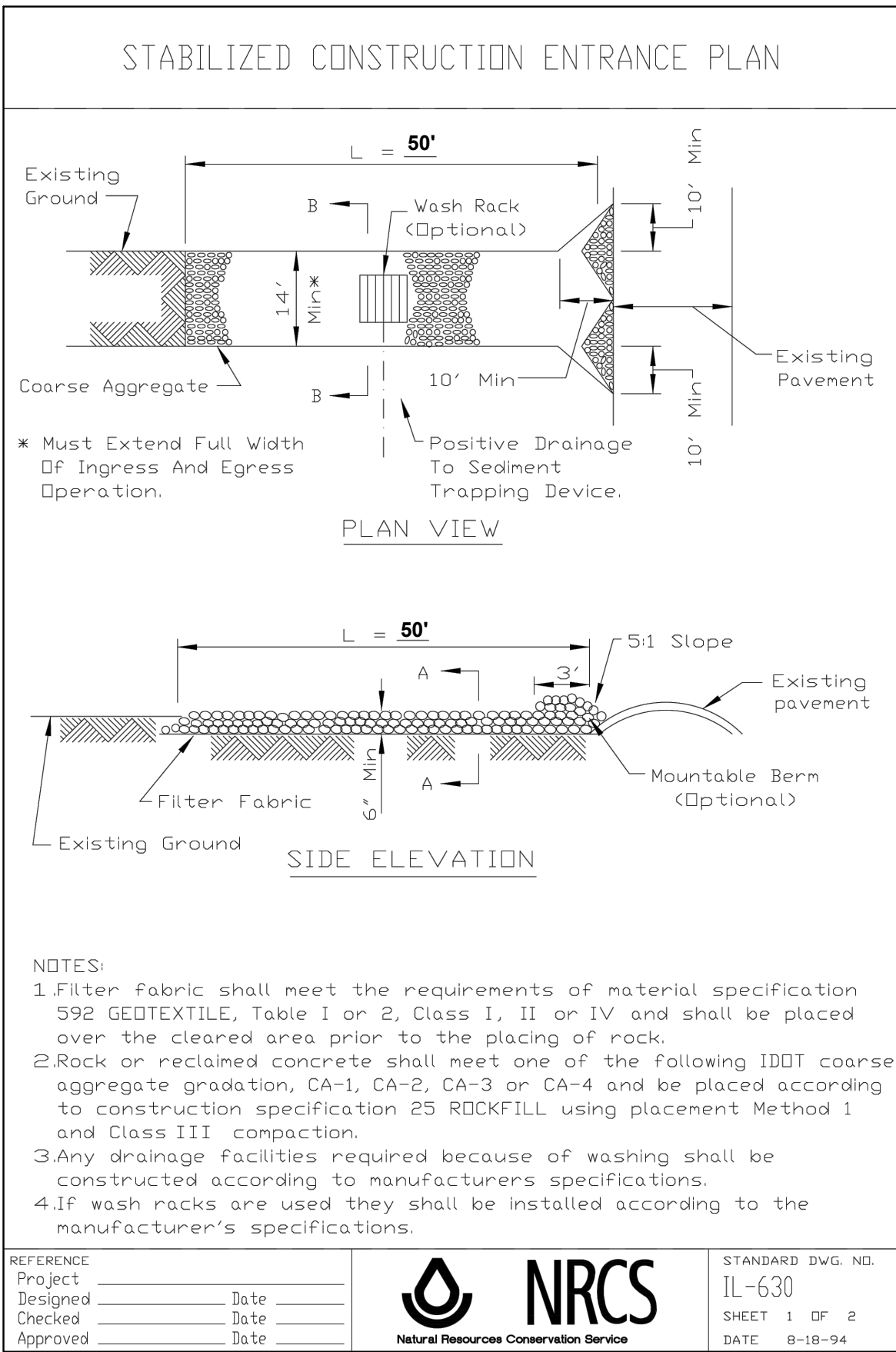
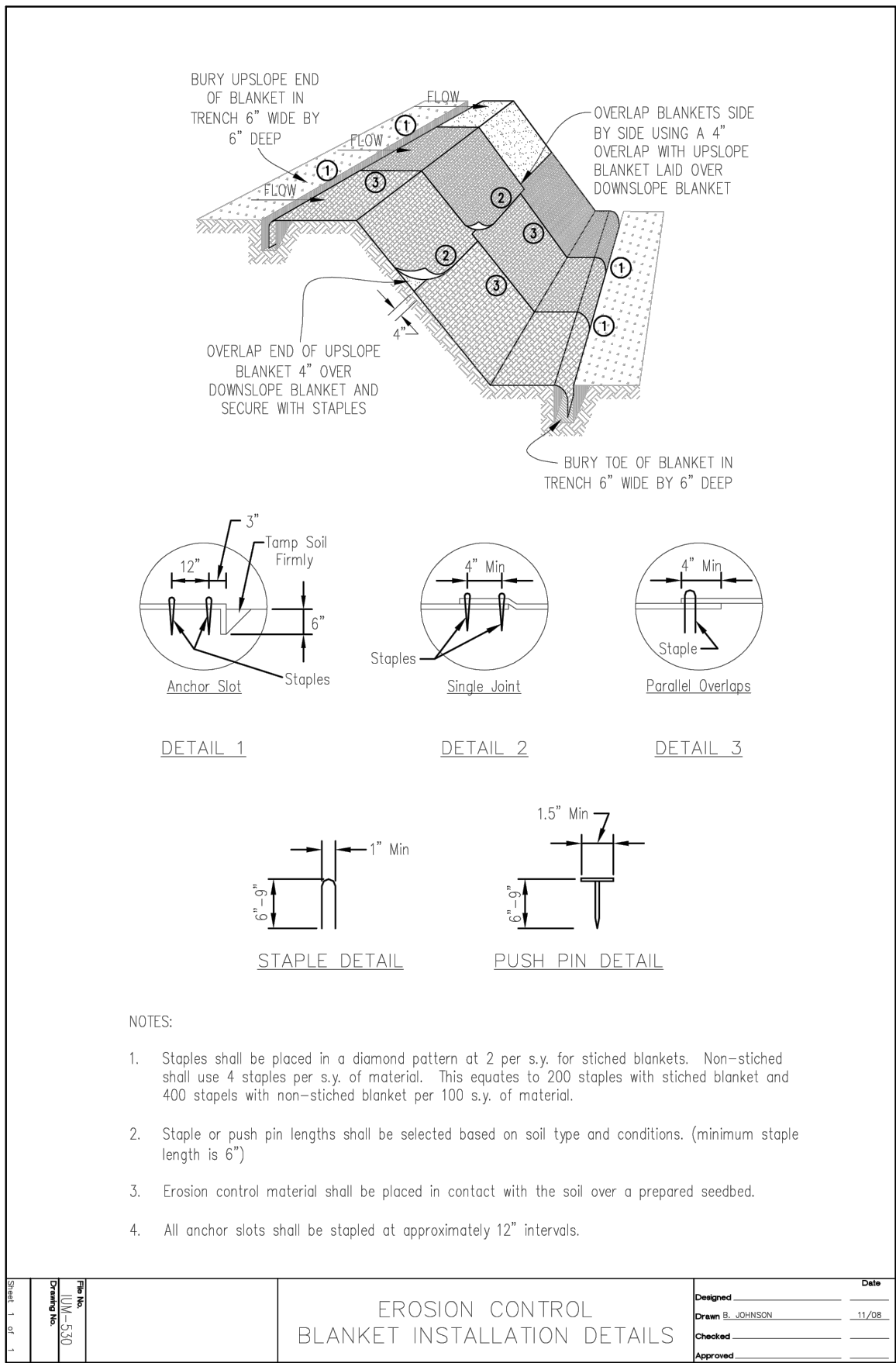
EROSION CONTROL PLAN

Sheet No.
C104

Date:
05/21/2024

FOR BID

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EROSION CONTROL NOTES

GENERAL NOTES

THE ESTIMATED AREA OF DISTURBANCE FOR THIS PROJECT IS LESS THAN 1 ACRE. THEREFORE, A NOTICE OF INTENT (NOI) WILL NOT BE FILED. AN EROSION CONTROL PLAN HAS BEEN PREPARED FOR THIS PROJECT. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE ILLINOIS URBAN MANUAL, CURRENT EDITION, IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, CURRENT EDITION, THE FOUR RIVERS SANITATION AUTHORITY (FRSA), AND THE PROJECT SPECIFICATIONS AND DETAILS.

THE EROSION CONTROL DEVICES, MATERIALS AND PROCEDURES SHOWN IN THESE PLANS ARE TO BE CONSIDERED A MINIMUM. ADDITIONAL DEVICES OR MATERIALS MAY BE REQUIRED BASED ON EXISTING SITE CONDITIONS. AT THE DIRECTION OF THE ENGINEER. ANY DEVICES, MATERIALS, OR PROCEDURES REQUIRED BY THE ENGINEER DUE TO THE CONTRACTOR'S ACTIONS OR NEGLIGENCE WILL BE AT NO ADDITIONAL COST TO THE FRSA.

ALL DISTURBED AREAS SHALL BE SEEDED UNLESS AGRICULTURAL OR OTHERWISE NOTED ON THE PLANS. THE CONTRACTOR IS RESTRICTED TO WORK IN TEMPORARY EASEMENTS OR WORK AREAS DELINEATED ON PLANS. THE CONTRACTOR SHALL TAKE WHATEVER ACTIONS AND MEASURES ARE DEEMED NECESSARY BY THE FRSA OR AUTHORIZED AGENCY TO ELIMINATE EXCESSIVE SILTATION OR EROSION AND TO STABILIZE THE PROJECT AREA. DISCHARGE OF HAZARDOUS SUBSTANCES INTO STORM WATER IS SUBJECT TO IEPA REPORTING AND CLEANUP REQUIREMENTS.

CONTROL MEASURES

EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN PLACE BEFORE CONSTRUCTION IN EACH AREA, AS DETERMINED BY THE ENGINEER, AND SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION. CONSTRUCTION ACTIVITIES SHALL ENSURE THAT EXISTING VEGETATION IS PRESERVED WHERE PRACTICAL. THE FOLLOWING CONTROLS WILL BE PROVIDED AS A MINIMUM FOR THE DURATION OF THIS PROJECT:

- SEDIMENT CONTROL SHALL BE PROVIDED DOWNSLOPE OF ALL STOCKPILE AREAS.
- STABILIZED CONSTRUCTION ENTRANCES MUST BE INSTALLED AS DETAILED AND WHERE REQUIRED BY THE ROADWAY AUTHORITY OR FRSA.
- INLET PROTECTION MUST BE INSTALLED FOR ALL INLETS THAT COULD BE SUBJECT TO SILTATION, AS DETERMINED BY THE ENGINEER.
- ALL ROADWAYS SHALL BE KEPT CLEAN OF DEBRIS, MUD, SOIL, AND CONSTRUCTION MATERIALS AND SHALL BE INSPECTED AT THE END OF EACH DAY AND CLEANED AS NECESSARY.
- ALL DISTURBED AREAS MUST BE STABILIZED WITHIN 7 DAYS IF THEY ARE TO REMAIN DISTURBED FOR MORE THAN 14 DAYS.

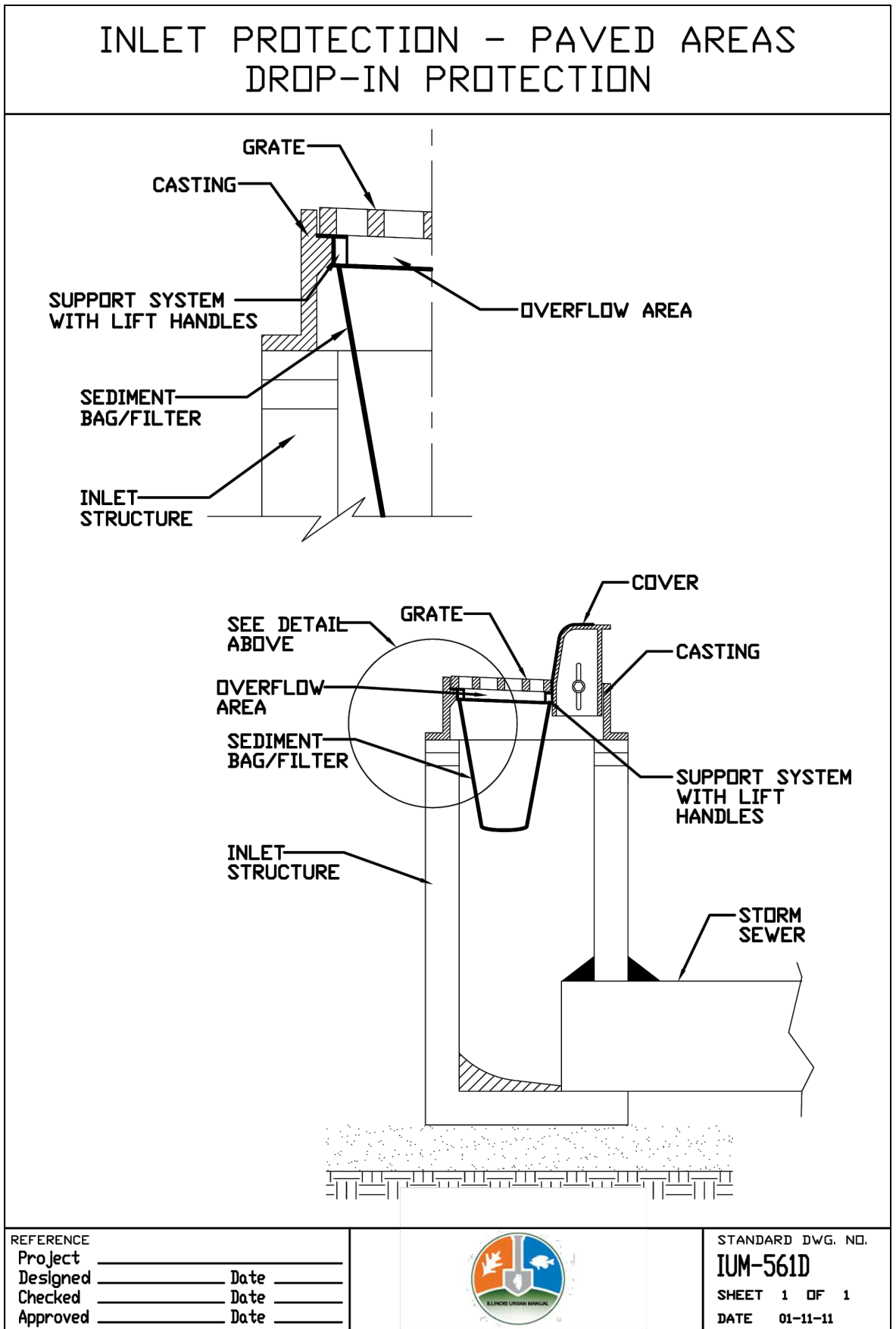
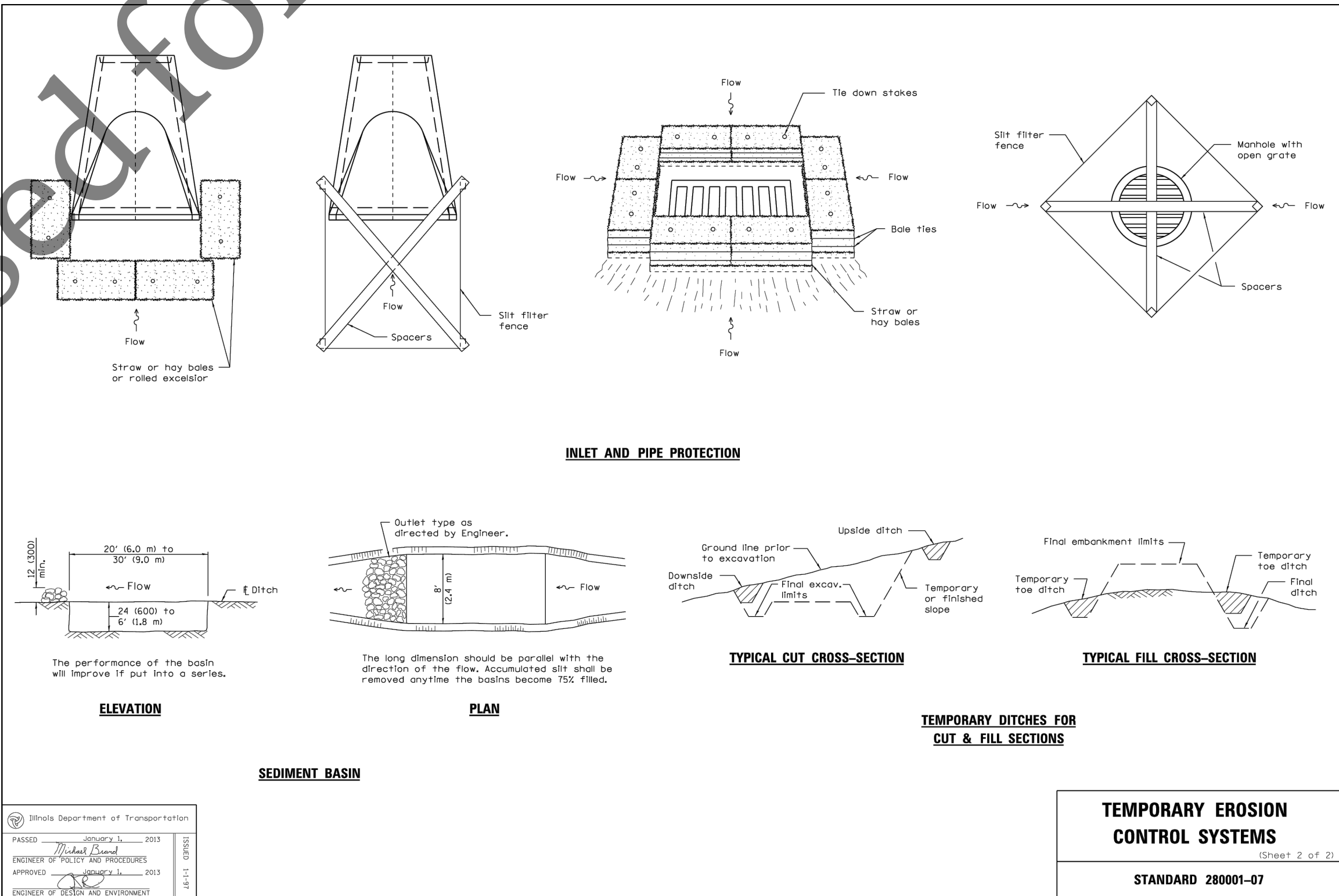
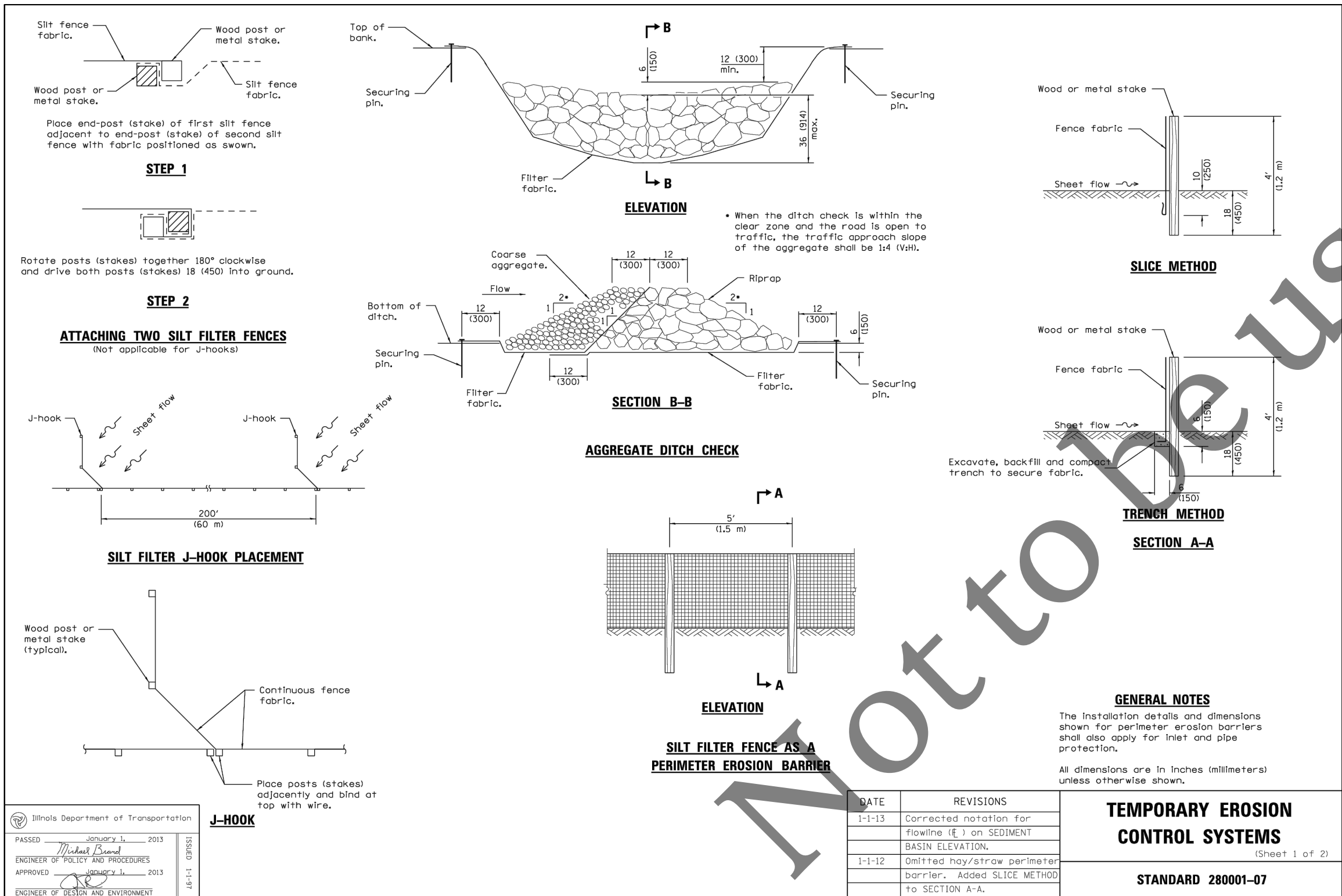
MAINTENANCE

CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE AND REPAIR OF ALL EROSION AND SEDIMENT CONTROL DEVICES AND PROTECTIVE MEASURES AS REQUIRED TO MAINTAIN THE INTENDED FUNCTION. SEDIMENT COLLECTED FROM THE CONSTRUCTION SITE SHALL BE DISPOSED OF ON THE SITE ON A REGULAR BASIS AS NEEDED. ANY DEBRIS OR SILT DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES, DITCHES, ETC., THAT COULD OBSTRUCT FLOW SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL TEMPORARY EROSION CONTROL DEVICES WITHIN 30 DAYS OF FINAL SITE STABILIZATION APPROVAL BY THE FRSA. THE SITE SHALL HAVE A MIN. OF 70% VEGETATIVE COVER TO BE CONSIDERED STABILIZED.

OTHER DISCHARGES

NON STORM WATER DISCHARGES INCLUDING WASHING OF VEHICLES, CONCRETE WASH-OUT, WATER FOR DUST CONTROL, AND TRENCH DEWATERING DISCHARGES SHALL BE DIRECTED AWAY FROM UNPROTECTED, BARE, OR UNSTABILIZED SOIL AND APPROPRIATE MEASURES SHALL BE IMPLEMENTED TO PREVENT EROSION OR RUNOFF FROM THE SITE. DEWATERING DISCHARGE MUST BE INTO SILT CONTAINMENT BAGS WITH PROPERLY ENGINEERED ANIONIC POLYMER AND FABRIC PORE SIZE. UNDER NO CIRCUMSTANCE SHALL DEWATERING DISCHARGE BE ALLOWED TO FLOW DIRECTLY INTO WATERWAYS. A DEWATERING DISCHARGE PLAN SHALL BE SUBMITTED TO THE FRSA FOR APPROVAL.

THIS PLAN SET CONTAINS INFORMATION FOR THE COMPLETE PROJECT. WORK UNDER THIS BID INCLUDES FINAL SHAPING OF AGGREGATE, HMA PAVING OPERATIONS, AND PAVEMENT MARKINGS. OTHER INFORMATION SHOWN WITHIN PLAN SET TO BE BY OTHERS AND FOR INFORMATION ONLY.



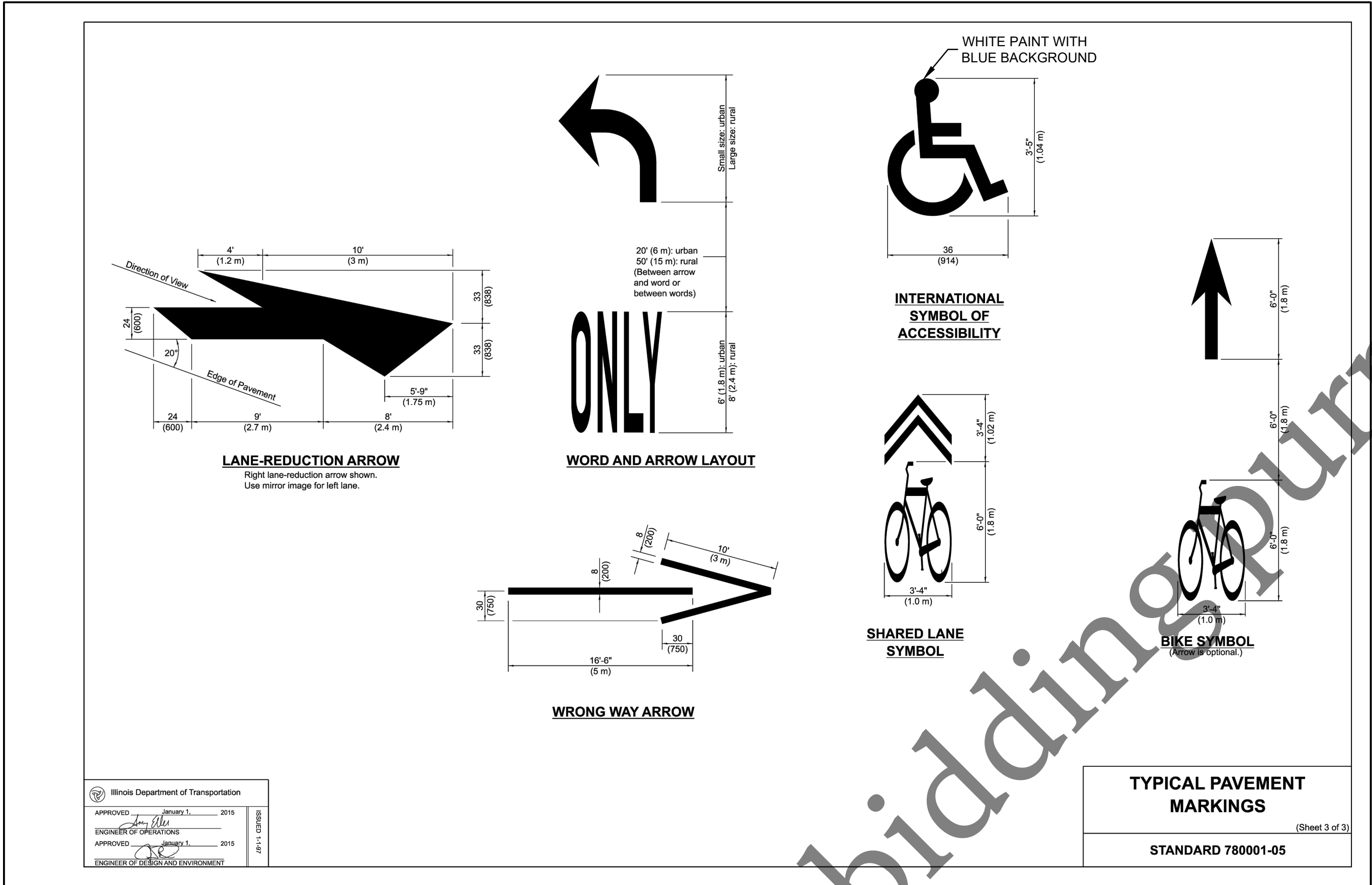
**HOUSEHOLD HAZARDOUS WASTE SITE
CAPITAL IMPROVEMENT PROJECT #2217**

TEMPORARY EROSION CONTROL DETAILS

Sheet No.
C105

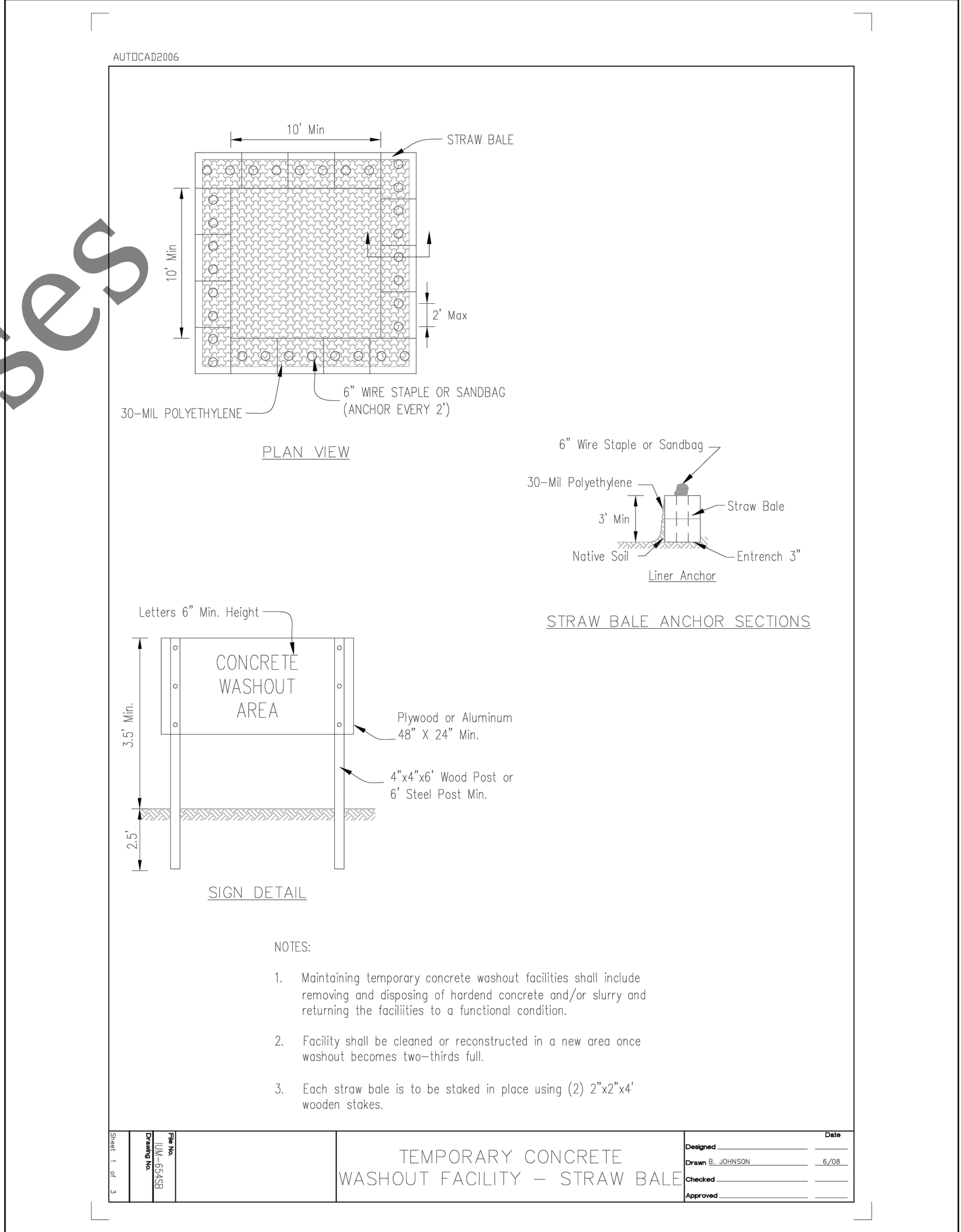
FOR BID
Date:
05/21/2024

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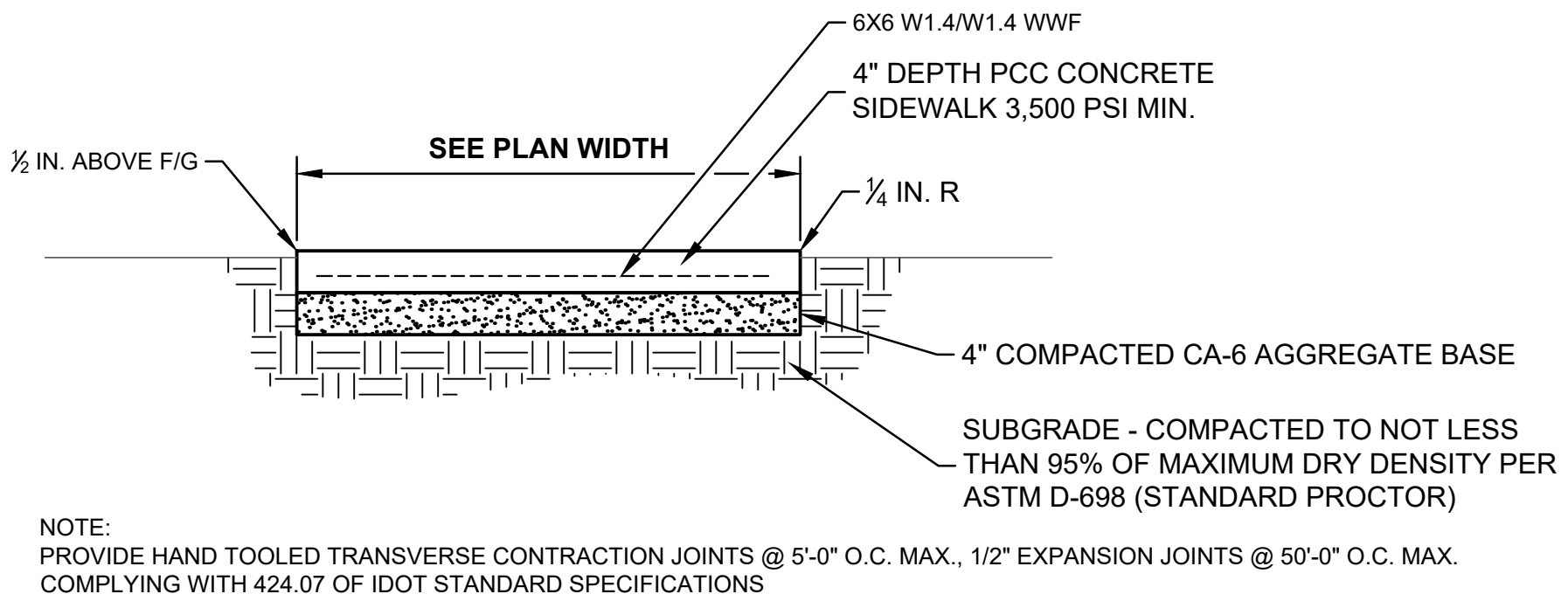


1 ADA PAVEMENT MARKING SYMBOL
C106 NOT TO SCALE

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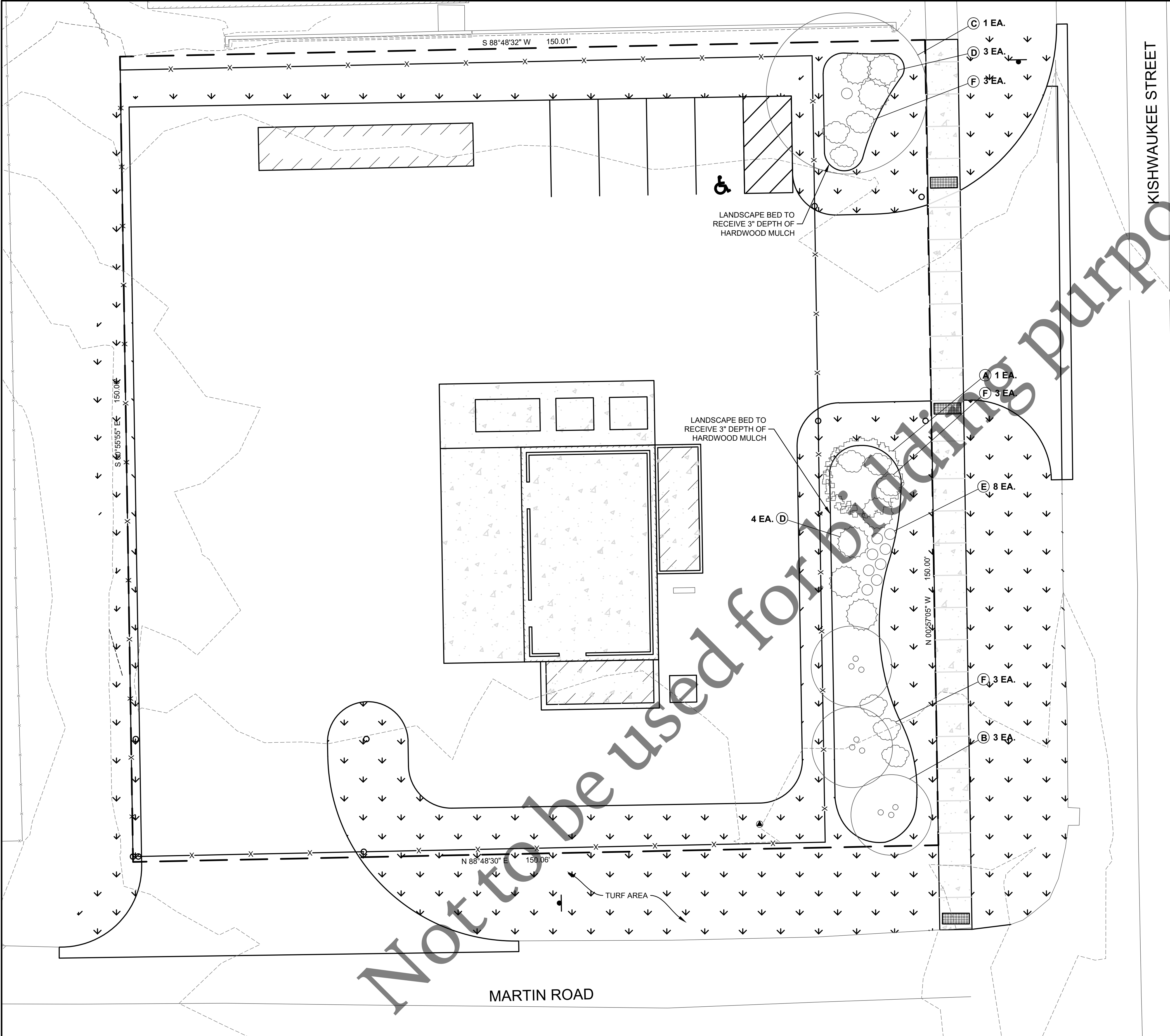
2 CONCRETE WASHOUT DETAIL
C106 NOT TO SCALE



3 PUBLIC SIDEWALK DETAIL
C106 NOT TO SCALE

No.	DATE	REVISION	INT.

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KISHWAUKEE STREET

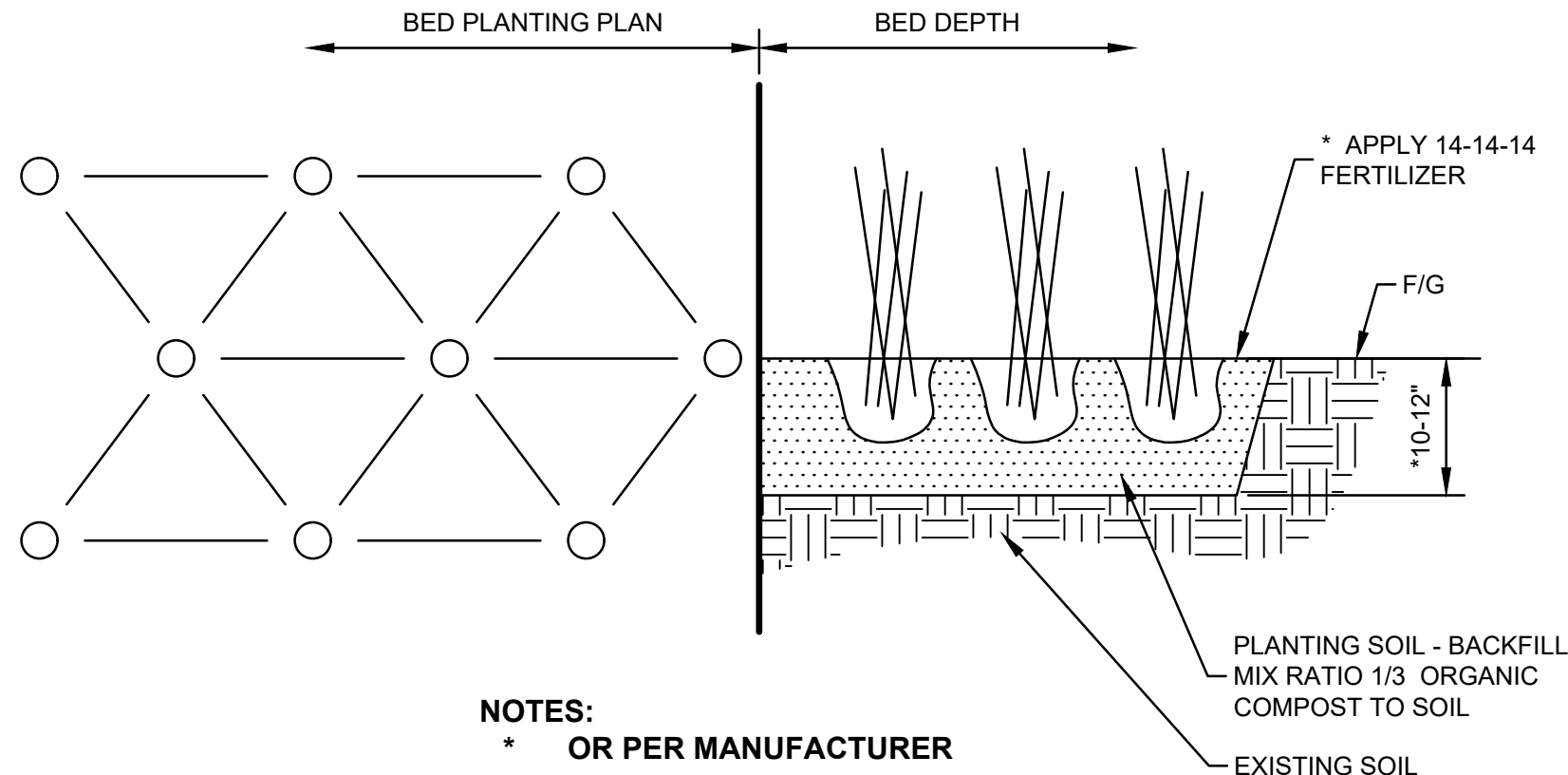
MARTIN ROAD

TREE LIST

KEY	DESCRIPTION	COMMON NAME	QTY	SIZE	NOTES
(A)	SYRINGA RETICULATA	COMMON LILAC TREE	1	7' MIN.	MULTI STEM
(B)	BETULA NIGRA	RIVER BIRCH	3	6' MIN.	MULTI STEM
(C)	GLEDITSIA TRIACANTHOS	SYLINE HONEYLOCUST	1	2.5" CALIPER	

PLANT LIST

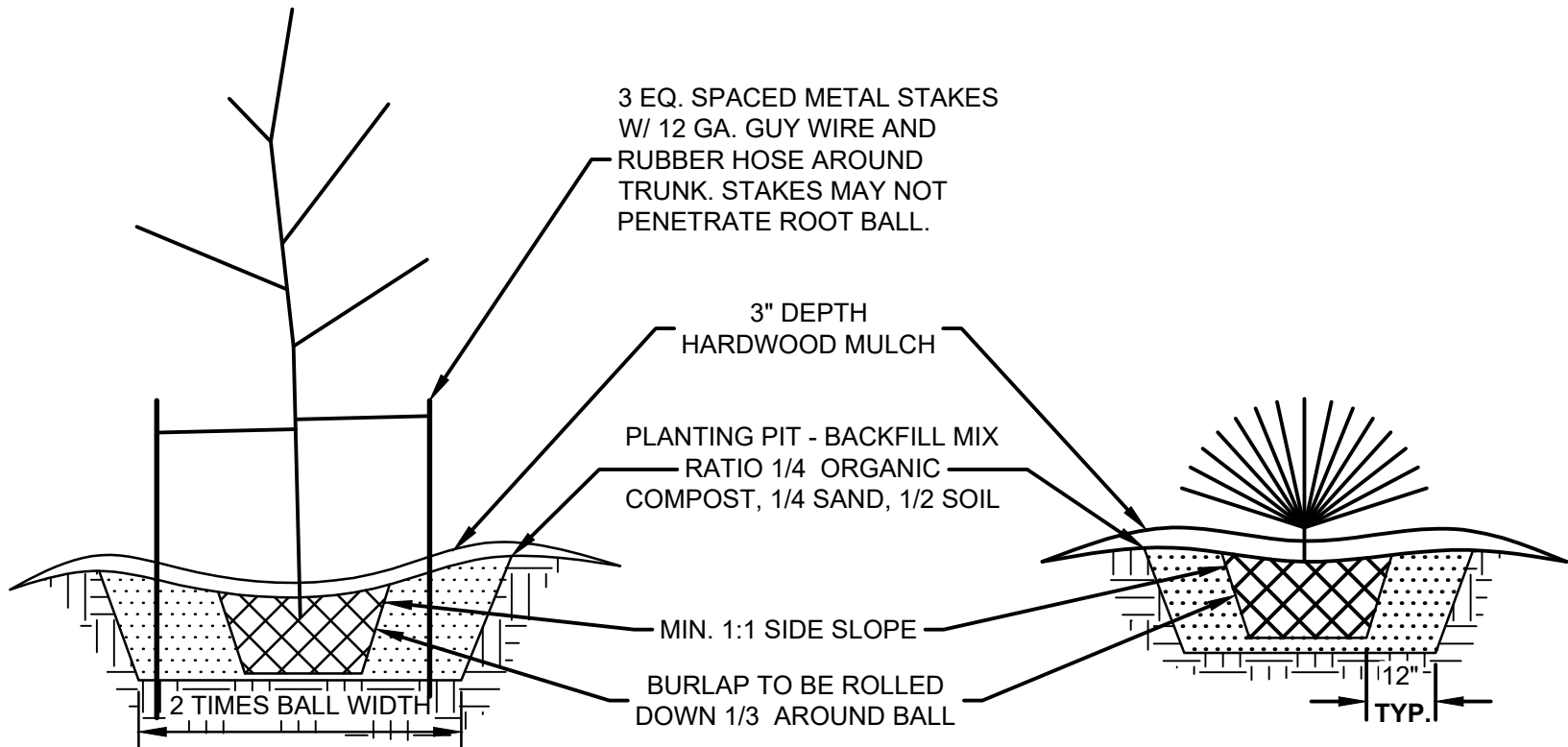
KEY	DESCRIPTION	COMMON NAME	QTY	SIZE	NOTES
(D)	JUNIPERUS HORIZONTALIS HEGEDUS	GOOD VIBRATIONS GOLD JUNIPER	7	5 GAL	
(E)	SALVIA NEMOROSA X EAST FRIESLAND	FRIESLAND MEADOW SAGE	8	GALLON	2' O.C. PERENNIAL
(F)	RHUS AROMATICA GRO LO	GROW LOW FRAGRANT SUMAC	9	5 GAL	



NOTES:
* OR PER MANUFACTURER

BED PLANTING DETAIL

NTS



TREE PLANTING DETAIL

NTS

SHRUB PLANTING DETAIL

NTS

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SCALE IN FEET



No.	DATE	REVISION	INT.

HOUSEHOLD HAZARDOUS WASTE SITE
CAPITAL IMPROVEMENT PROJECT #2217

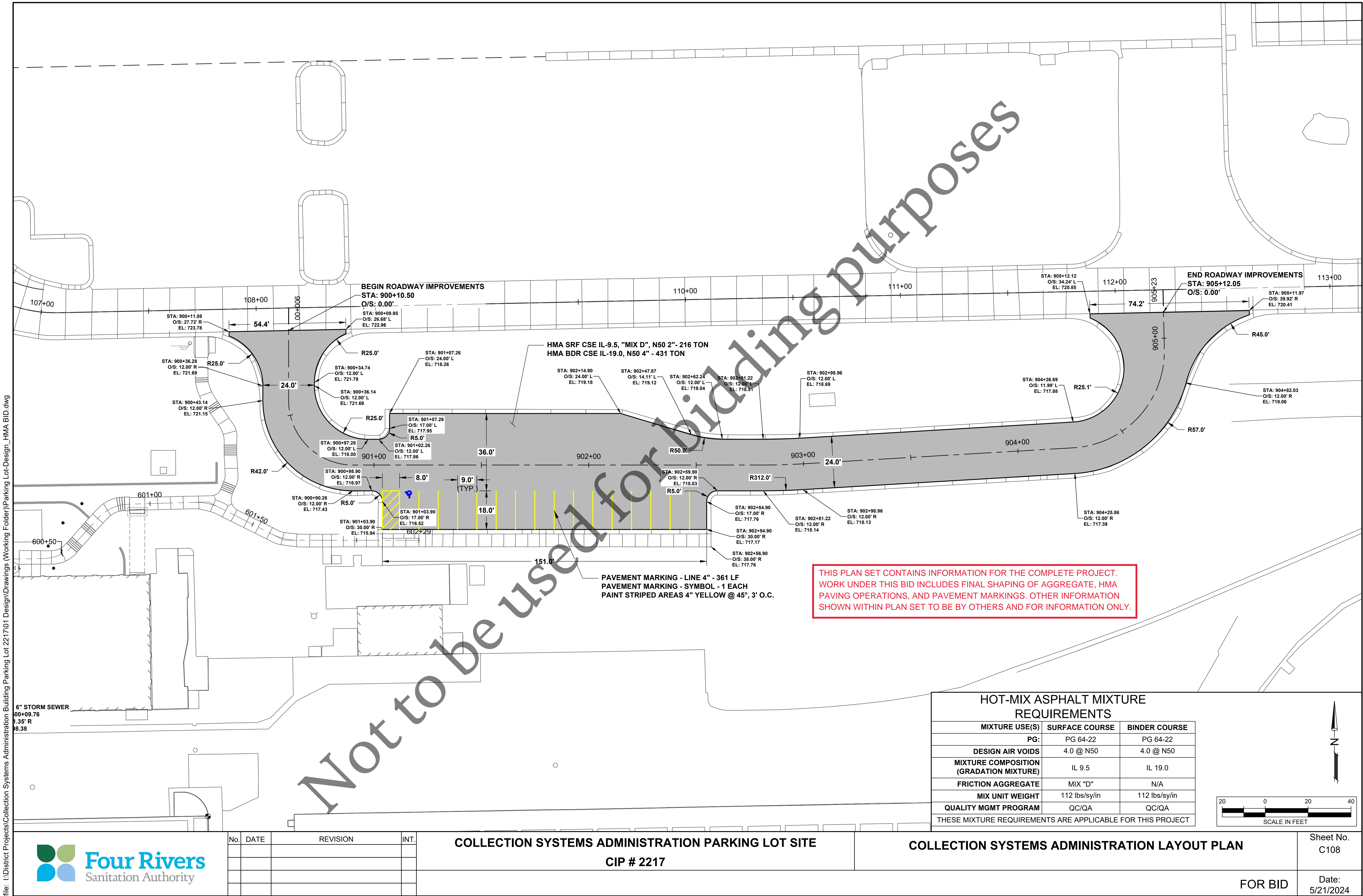
LANDSCAPE PLAN

Sheet No.
C107

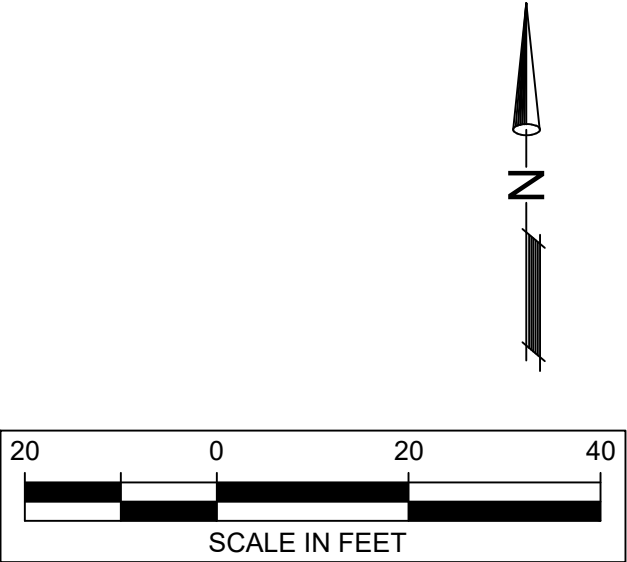
FOR BID

Date:
05/21/2024

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HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE USE(S)	SURFACE COURSE	BINDER COURSE
PG:	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4.0 @ N50	4.0 @ N50
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL 9.5	IL 19.0
FRICTION AGGREGATE	MIX "D"	N/A
MIX UNIT WEIGHT	112 lbs/sy/in	112 lbs/sy/in
QUALITY MGMT PROGRAM	QC/QA	QC/QA
THESE MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT		



No.	DATE	REVISION	INT.

COLLECTION SYSTEMS ADMINISTRATION PARKING LOT SITE
CIP # 2217

COLLECTION SYSTEMS ADMINISTRATION LAYOUT PLAN

Sheet No.
C108

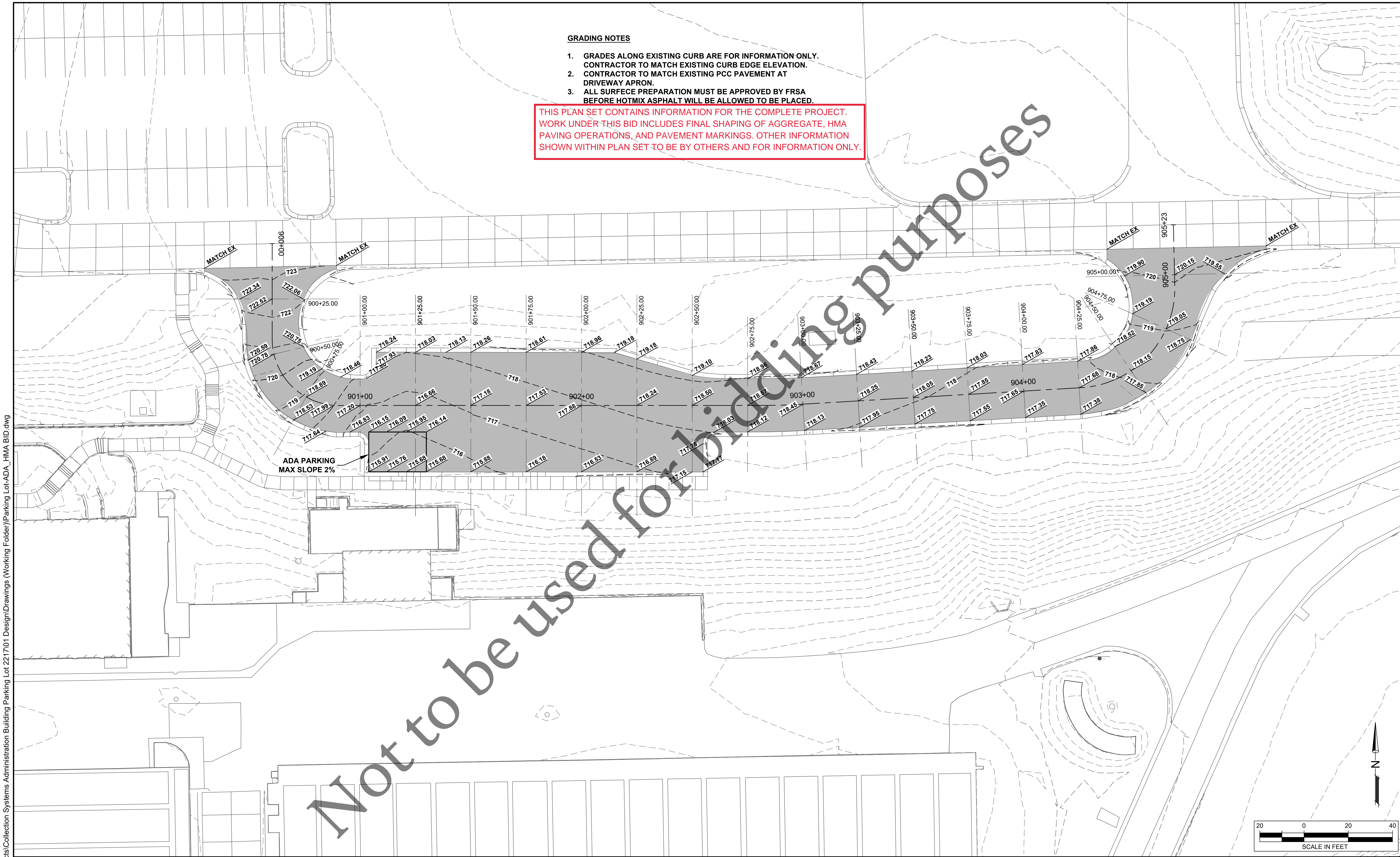
FOR BID

Date:
5/21/2024

GRADING NOTES

1. GRADES ALONG EXISTING CURB ARE FOR INFORMATION ONLY. CONTRACTOR TO MATCH EXISTING CURB EDGE ELEVATION.
2. CONTRACTOR TO MATCH EXISTING PCC PAVEMENT AT DRIVEWAY APRON.
3. ALL SURFACE PREPARATION MUST BE APPROVED BY FRSA BEFORE HOTMIX ASPHALT WILL BE ALLOWED TO BE PLACED.

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No.	DATE	REVISION	INT.

COLLECTION SYSTEMS ADMINISTRATION PARKING LOT SITE
CIP # 2217

COLLECTION SYSTEMS ADMINISTRATION GRADING PLAN

Sheet No.
C109

Date:
5/21/2024

FOR BID