

RWU MATERIAL STORAGE IMPROVEMENTS

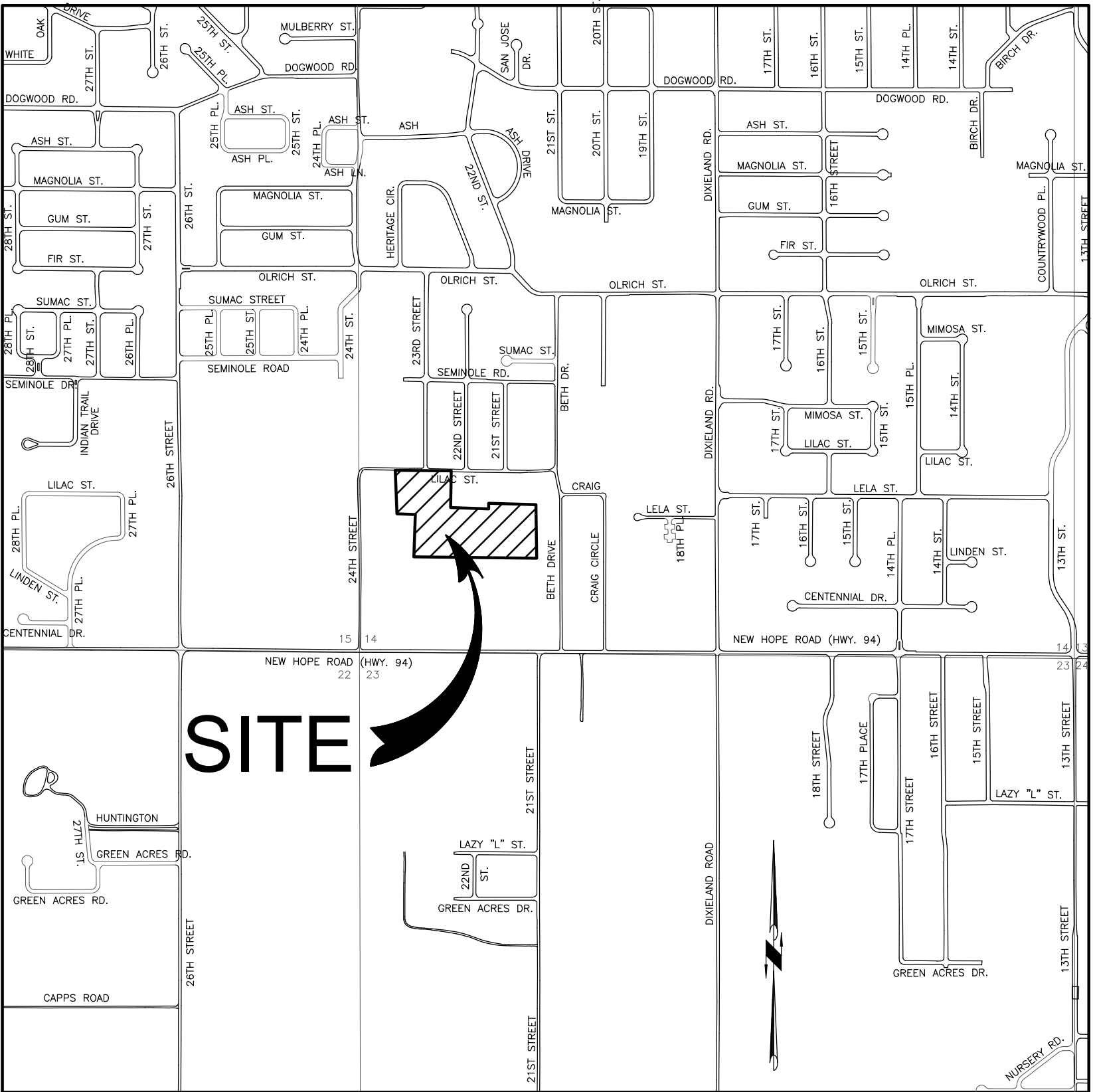
2334 W. LILAC ST., ROGERS, AR

SHEET INDEX

- | | |
|---|-----------------------------------|
| 1 | COVER SHEET |
| 2 | EROSION CONTROL & DEMOLITION PLAN |
| 3 | SITE & UTILITY PLAN |
| 4 | GRADING PLAN |
| 5 | DETAILS |

GENERAL NOTES

1. THE CONTRACTOR IS CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ARE BASED ON THE RECORDS OF UTILITY COMPANIES AND MEASUREMENTS TAKEN IN THE FIELD. THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY THE LOCATION OF UNDERGROUND UTILITIES AND NOTIFY THE ENGINEER OF ANY POTENTIAL CONFLICTS OR PLAN DISCREPANCIES.
2. ALL MATERIALS AND CONSTRUCTION SHALL COMPLY WITH THE STANDARD DETAILS AND SPECIFICATIONS OF THE CITY OF ROGERS AND ROGERS WATER UTILITIES UNLESS OTHERWISE SPECIFIED HEREIN.
3. THE CONTRACTOR SHALL DOCUMENT THE CONDITION OF ALL EXISTING FACILITIES IN PROXIMITY TO THE WORK AREA INCLUDING, BUT NOT LIMITED TO: SIDEWALKS, CURBS, DRIVEWAYS, MAILBOXES, FENCES, BUILDINGS, & STRUCTURES PRIOR TO CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY DAMAGE TO THESE FACILITIES DURING CONSTRUCTION.
4. ALL WORK SHALL ADHERE TO SITE MANAGEMENT PRACTICES DESCRIBED IN THE GENERAL AND SUPPLEMENTAL CONDITIONS OF THE CONSTRUCTION CONTRACT. EROSION AND SEDIMENT BMPs, IF REQUIRED, MUST BE CONSTRUCTED, STABILIZED, AND FUNCTIONAL BEFORE SITE DISTURBANCE BEGINS WITHIN THE TRIBUTARY AREAS OF THOSE BMP'S.
5. IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE SAFETY OF ALL PERSONS AND PROTECTION OF PUBLIC AND PRIVATE PROPERTY DURING THE PERFORMANCE OF THE WORK.
6. THE CONTRACTOR SHALL TAKE REASONABLE MEASURES TO PROTECT THE SAFETY OF PEDESTRIANS THROUGHOUT THE COURSE OF THE WORK. THESE MEASURES MAY INCLUDE UTILIZATION OF TEMPORARY FENCING, TEMPORARY SIGNAGE AND CLOSURE OF SIDEWALKS/TRAILS, AND REMOVING ANY DEBRIS FROM WALKWAYS.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TEMPORARY TRAFFIC CONTROL THROUGHOUT THE COURSE OF CONSTRUCTION. ALL TRAFFIC CONTROL MEASURES SHALL BE PER CURRENT MUTCD STANDARDS.
8. THE CONTRACTOR SHALL ADHERE TO ALL REQUIREMENTS OUTLINED IN THE GENERAL AND SUPPLEMENTAL CONDITIONS THROUGHOUT THE PERFORMANCE OF THE WORK.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE RECONNECTION OF ALL PRIVATE WATER SERVICE WHERE NEW SERVICES ARE CONSTRICTED.



VICINITY MAP
(NOT TO SCALE)

FLOOD DETERMINATION

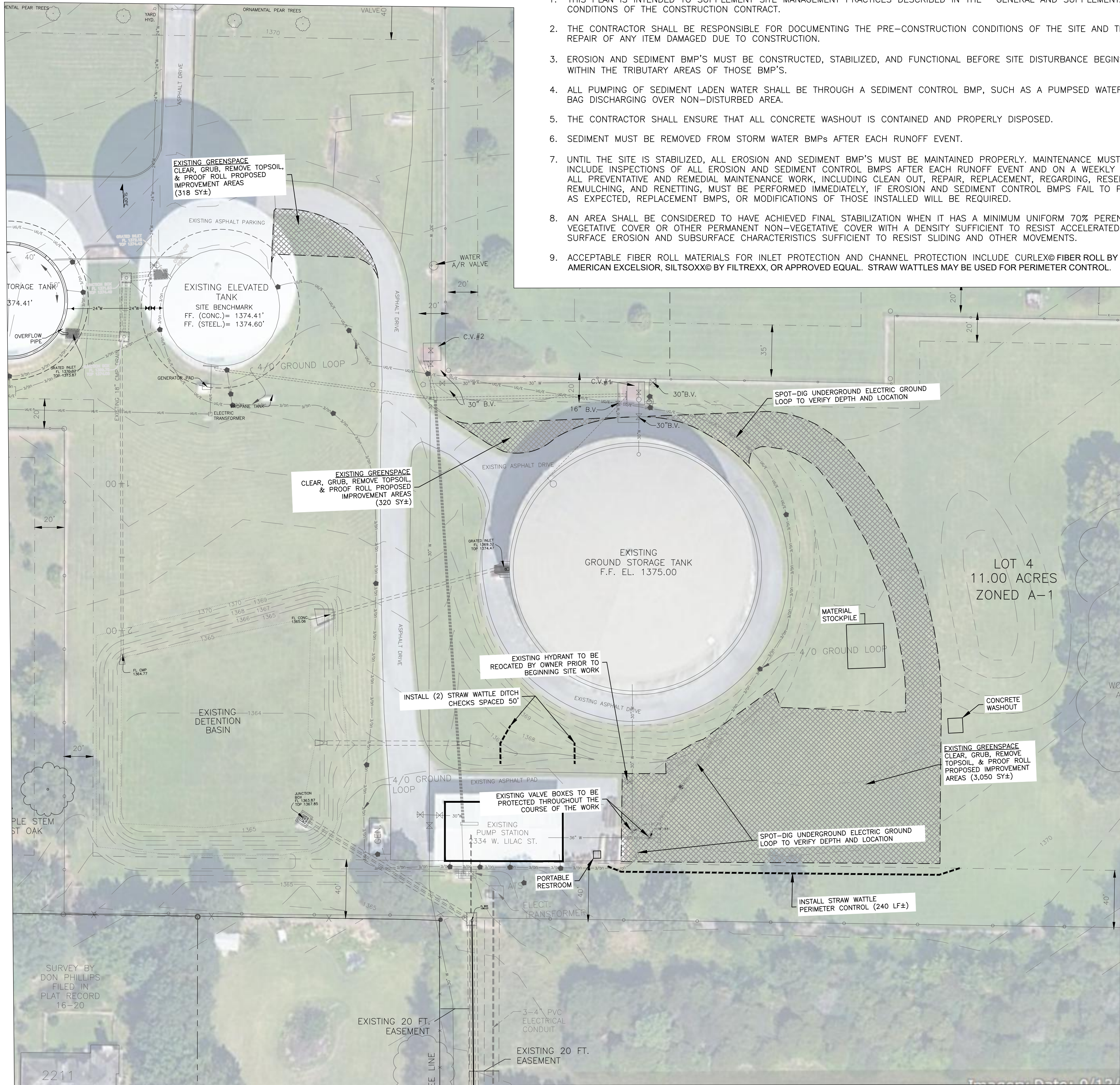
THIS PROJECT DOES NOT LIE WITHIN A 100-YEAR SPECIAL FLOOD HAZARD AREA.

PROJECT INFORMATION

OWNER / ENGINEER:	ROGERS WATER UTILITIES BRIAN SARTAIN, P.E. 601 S. 2ND ST. ROGERS, AR 72756 (479) 936-5426 BRIANSARTAIN@RWU.ORG
SITE ADDRESS:	2334 W. LILAC ST., ROGERS, AR
SITE ZONING:	A-1
CURRENT USE:	MUNICIPAL UTILITIES (WATER STORAGE & PUMPING FACILITIES)
SITE AREA:	10.78 AC±
DISTURBED AREA:	0.76 AC±

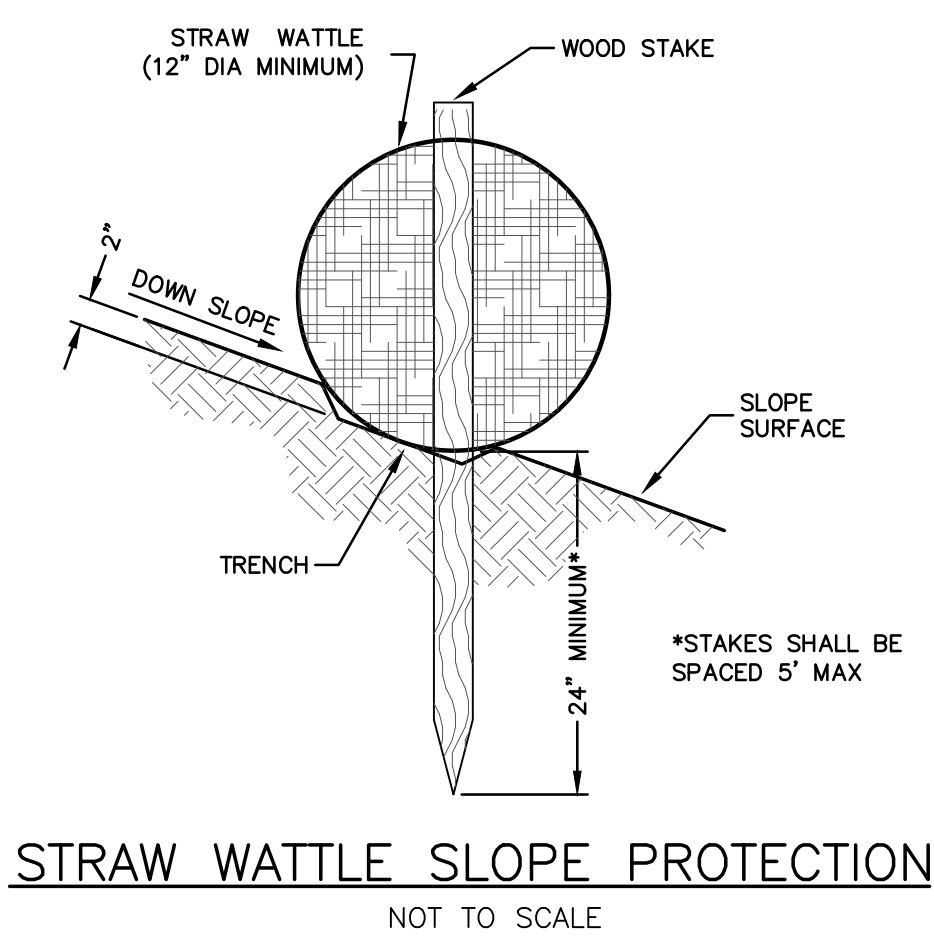
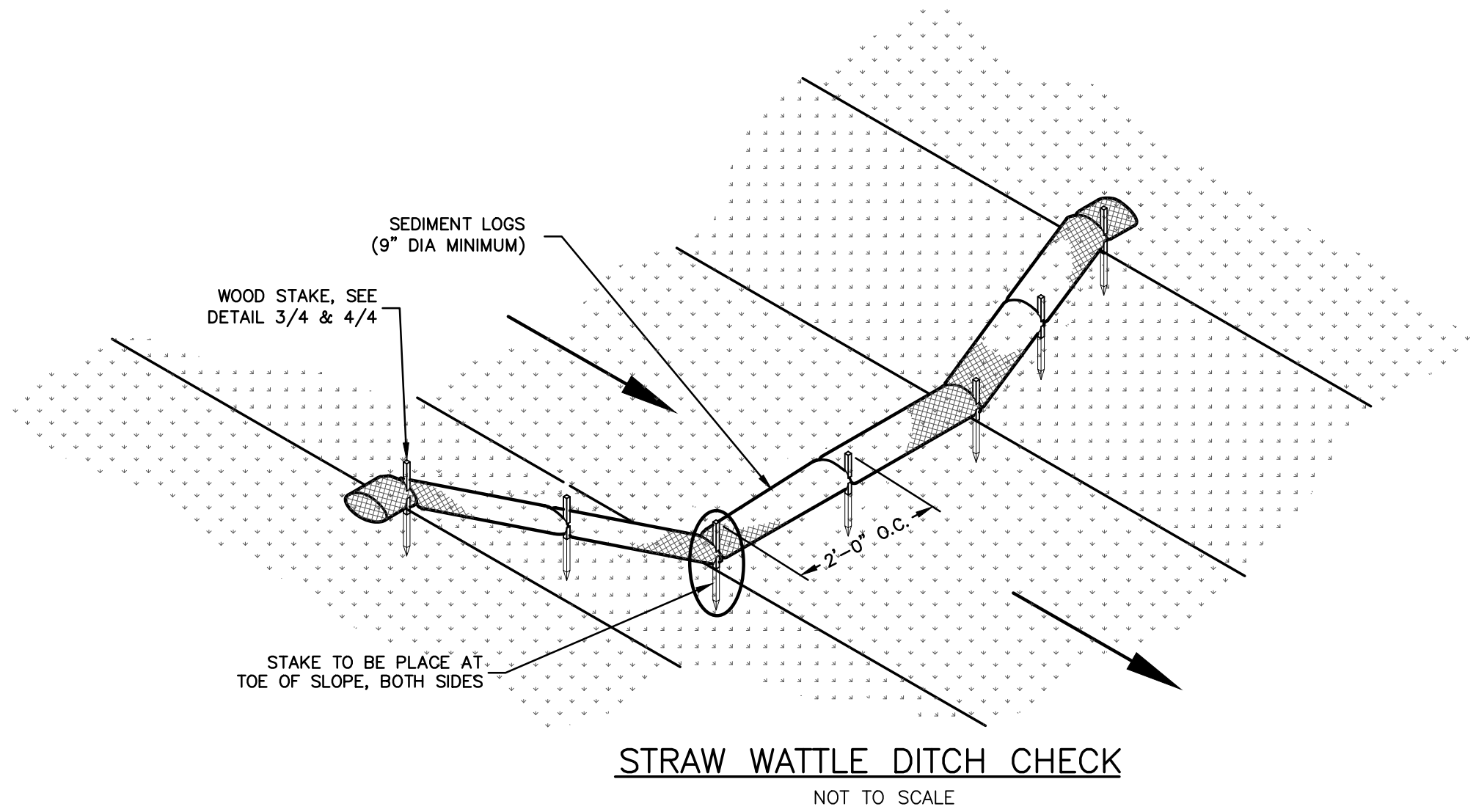
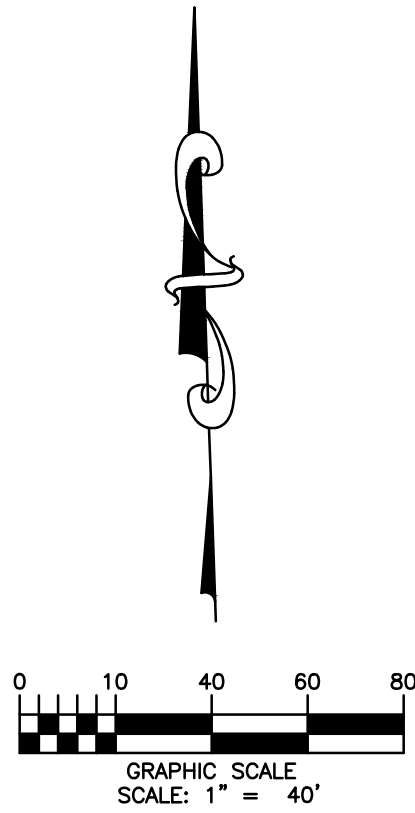


P.O. DRAWER 338
OFFICE - 601 SOUTH 2ND
ROGERS, ARKANSAS
72757-0338



EROSION CONTROL NOTES

1. THIS PLAN IS INTENDED TO SUPPLEMENT SITE MANAGEMENT PRACTICES DESCRIBED IN THE GENERAL AND SUPPLEMENTAL CONDITIONS OF THE CONSTRUCTION CONTRACT.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DOCUMENTING THE PRE-CONSTRUCTION CONDITIONS OF THE SITE AND THE REPAIR OF ANY ITEM DAMAGED DUE TO CONSTRUCTION.
3. EROSION AND SEDIMENT BMP'S MUST BE CONSTRUCTED, STABILIZED, AND FUNCTIONAL BEFORE SITE DISTURBANCE BEGINS WITHIN THE TRIBUTARY AREAS OF THOSE BMP'S.
4. ALL PUMPING OF SEDIMENT LADEN WATER SHALL BE THROUGH A SEDIMENT CONTROL BMP, SUCH AS A PUMPED WATER FILTER BAG DISCHARGING OVER NON-DISTURBED AREA.
5. THE CONTRACTOR SHALL ENSURE THAT ALL CONCRETE WASHOUT IS CONTAINED AND PROPERLY DISPOSED.
6. SEDIMENT MUST BE REMOVED FROM STORM WATER BMPs AFTER EACH RUNOFF EVENT.
7. UNTIL THE SITE IS STABILIZED, ALL EROSION AND SEDIMENT BMP'S MUST BE MAINTAINED PROPERLY. MAINTENANCE MUST INCLUDE INSPECTIONS OF ALL EROSION AND SEDIMENT CONTROL BMPs AFTER EACH RUNOFF EVENT AND ON A WEEKLY BASIS. ALL PREVENTATIVE AND REMEDIAL MAINTENANCE WORK, INCLUDING CLEAN OUT, REPAIR, REPLACEMENT, REGARDING, RESEEDING, REMULCHING, AND RENETTING, MUST BE PERFORMED IMMEDIATELY, IF EROSION AND SEDIMENT CONTROL BMPs FAIL TO PERFORM AS EXPECTED, REPLACEMENT BMPs, OR MODIFICATIONS OF THOSE INSTALLED WILL BE REQUIRED.
8. AN AREA SHALL BE CONSIDERED TO HAVE ACHIEVED FINAL STABILIZATION WHEN IT HAS A MINIMUM UNIFORM 70% PERENNIAL VEGETATIVE COVER OR OTHER PERMANENT NON-VEGETATIVE COVER WITH A DENSITY SUFFICIENT TO RESIST ACCELERATED SURFACE EROSION AND SUBSURFACE CHARACTERISTICS SUFFICIENT TO RESIST SLIDING AND OTHER MOVEMENTS.
9. ACCEPTABLE FIBER ROLL MATERIALS FOR INLET PROTECTION AND CHANNEL PROTECTION INCLUDE CURLEX® FIBER ROLL BY AMERICAN EXCELSIOR, SILTSOXX® BY FILTREXX, OR APPROVED EQUAL. STRAW WATTLES MAY BE USED FOR PERIMETER CONTROL.



P.O. DRAWER 338
OFFICE - 601 SOUTH 2ND ST. ROGERS, ARKANSAS
72757-0338

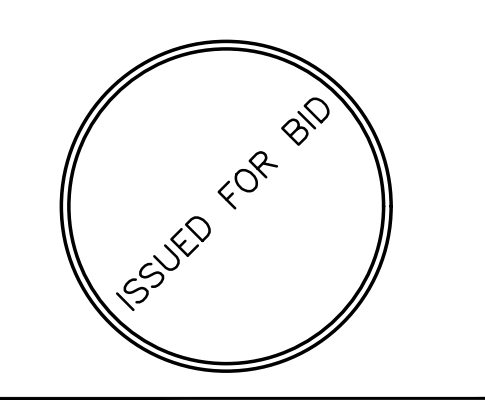
**RWU MATERIAL
STORAGE
IMPROVEMENTS**

**EROSION CONTROL &
DEMOLITION PLAN**

- NOTES:
1. THIS PLAN DOES NOT PROPORT TO SHOW THE LOCATIONS OF ALL UNDERGROUND UTILITIES AS PRECISE OR COMPLETE. THE CONTRACTOR SHALL VERIFY DEPTHS & LOCATIONS OF UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
 2. LOCATIONS OF SERVICE CROSSINGS ARE SUBJECT TO FIELD CHANGES BY ROGERS WATER UTILITIES.
 3. THE CONTRACTOR SHALL ADHERE TO ALL RWU STANDARD DETAILS AND SPECIFICATIONS (LATEST EDITION) FOR WORK PERFORMED ON WATER & SEWER UTILITIES.
 4. COORDINATE WITH THE ROGERS STREET DEPT. FOR STREET REPAIR AND STORM SEWER IMPROVEMENTS.

LEGEND	
EXISTING	PROPOSED
⊙	SEWER MANHOLE
⊙	WATER METER
⊙	REDUCER
⊂	WATERLINE CAP / PLUG
⊂	VALVE
⊂	TEE
⊂	HYDRANT
⊂	AIR RELEASE VALVE
⊂	GAS METER
⊂	ELECTRIC RISER BOX
⊂	ELECTRIC POLE W/ GUY
⊂	CONTROL POINT
⊂	FOUND IRON PIN
⊂	TV PEDESTAL
⊂	DRAINAGE MANHOLE
⊂	TELEPHONE PEDESTAL

Revisions



Drawn by:
TD
Checked by:
BTS

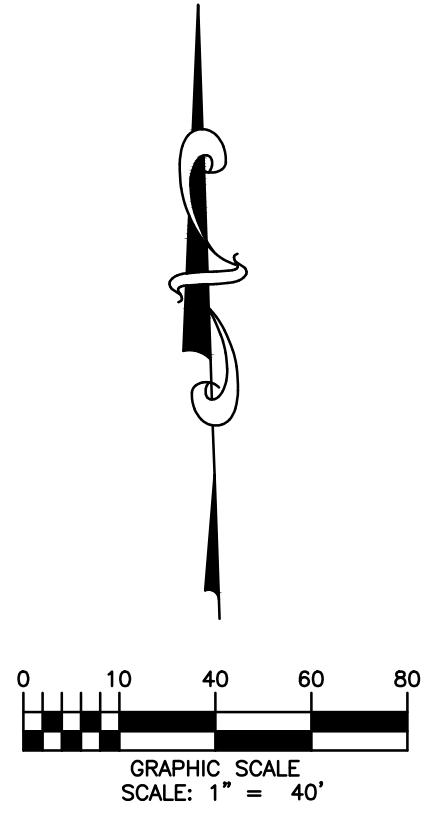
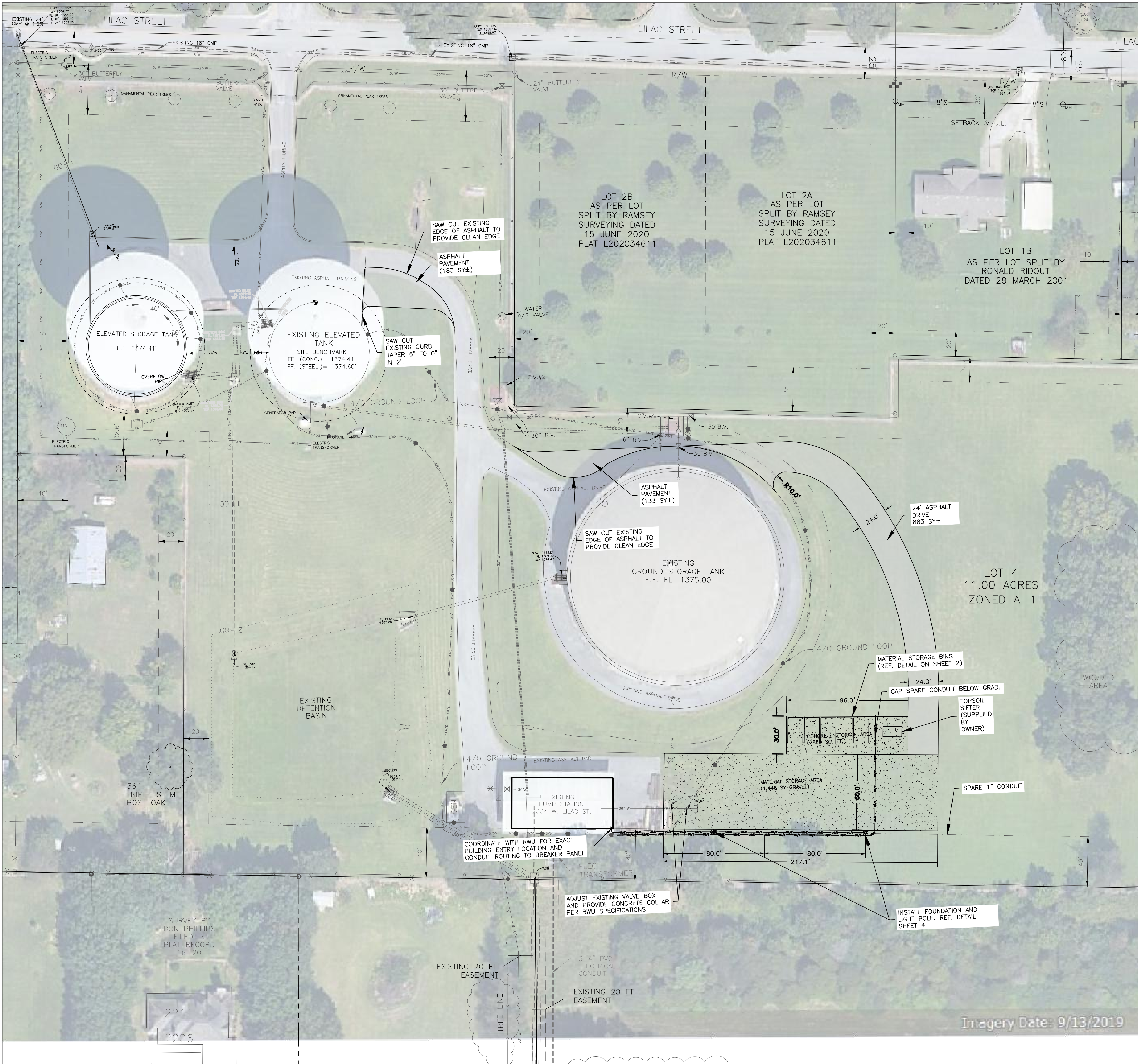
Job Number:
JOBNO
Contact Person:
B. SARTAIN

Date
11/16/22

Sheet Number
2



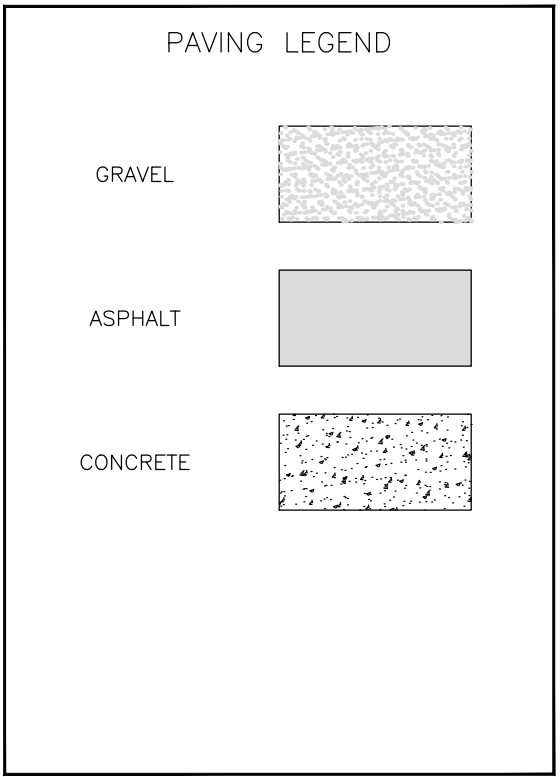
Call before you Dig
Avoid cutting underground
utility lines. It's costly.



SITE IMPROVEMENT AREAS			
AREA	SF	SY	AC
GRAVEL	13026	1447	0.30
ASPHALT	10791	1199	0.25
CONCRETE	2880	320	0.07
TOTAL	26697	2966	0.62

SITE & UTILITY NOTES

- REFER TO DETAILS (SHEET 4) FOR PAVEMENT SECTIONS, SPECIFICATIONS, LIGHT POLE FOUNDATIONS, AND MATERIAL STORAGE BINS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DOCUMENTING THE PRE-CONSTRUCTION CONDITIONS OF THE SITE AND THE REPAIR OF ANY ITEM DAMAGED DUE TO CONSTRUCTION.
- STAKING OF PROPOSED IMPROVEMENTS SHALL BE BY RWU.



P.O. DRAWER 338
OFFICE - 601 SOUTH 2ND ST. ROGERS, ARKANSAS
72757-0338

RWU MATERIAL
STORAGE
IMPROVEMENTS

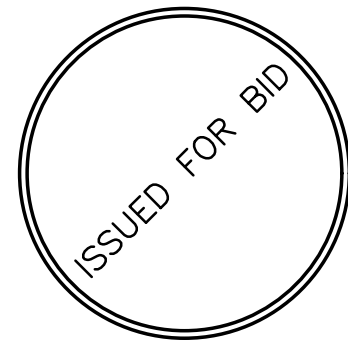
SITE & UTILITY PLAN

- NOTES:
- THIS PLAN DOES NOT PROPORT TO SHOW THE LOCATIONS OF ALL UNDERGROUND UTILITIES AS PRECISE OR COMPLETE. THE CONTRACTOR SHALL VERIFY DEPTHS & LOCATIONS OF UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
 - LOCATIONS OF SERVICE CROSSINGS ARE SUBJECT TO FIELD CHANGES BY ROGERS WATER UTILITIES.
 - THE CONTRACTOR SHALL ADHERE TO ALL RWU STANDARD DETAILS AND SPECIFICATIONS (LATEST EDITION) FOR WORK PERFORMED ON WATER & SEWER UTILITIES.
 - COORDINATE WITH THE ROGERS STREET DEPT. FOR STREET REPAIR AND STORM SEWER IMPROVEMENTS.

LEGEND

EXISTING	PROPOSED
⊙	SEWER MANHOLE
⊙	WATER METER
▶	REDUCER
]	WATERLINE CAP / PLUG
⊥	VALVE
⊥	TEE
⊥	HYDRANT
⊥	AIR RELEASE VALVE
⊥	GAS METER
⊥	ELECTRIC RISER BOX
⊥	ELECTRIC POLE W/ GUY
⊥	CONTROL POINT
⊥	FOUND IRON PIN
⊥	TV PEDESTAL
⊥	DRAINAGE MANHOLE
⊥	TELEPHONE PEDESTAL

Revisions



Drawn by:

TD

Checked by:

BTS

Job Number:

JOBNO

Contact Person:

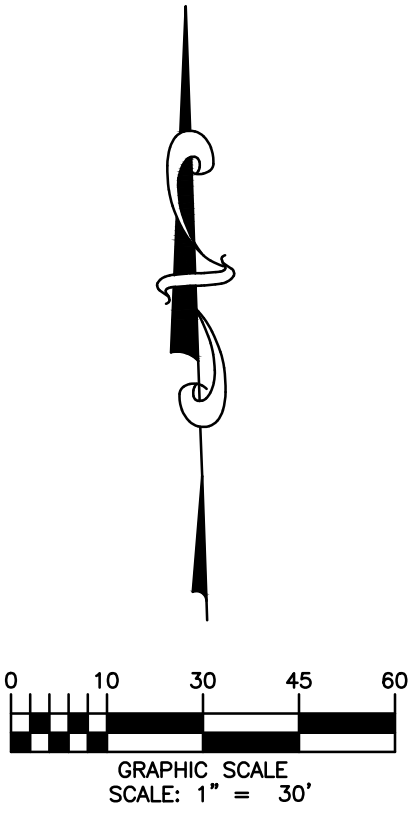
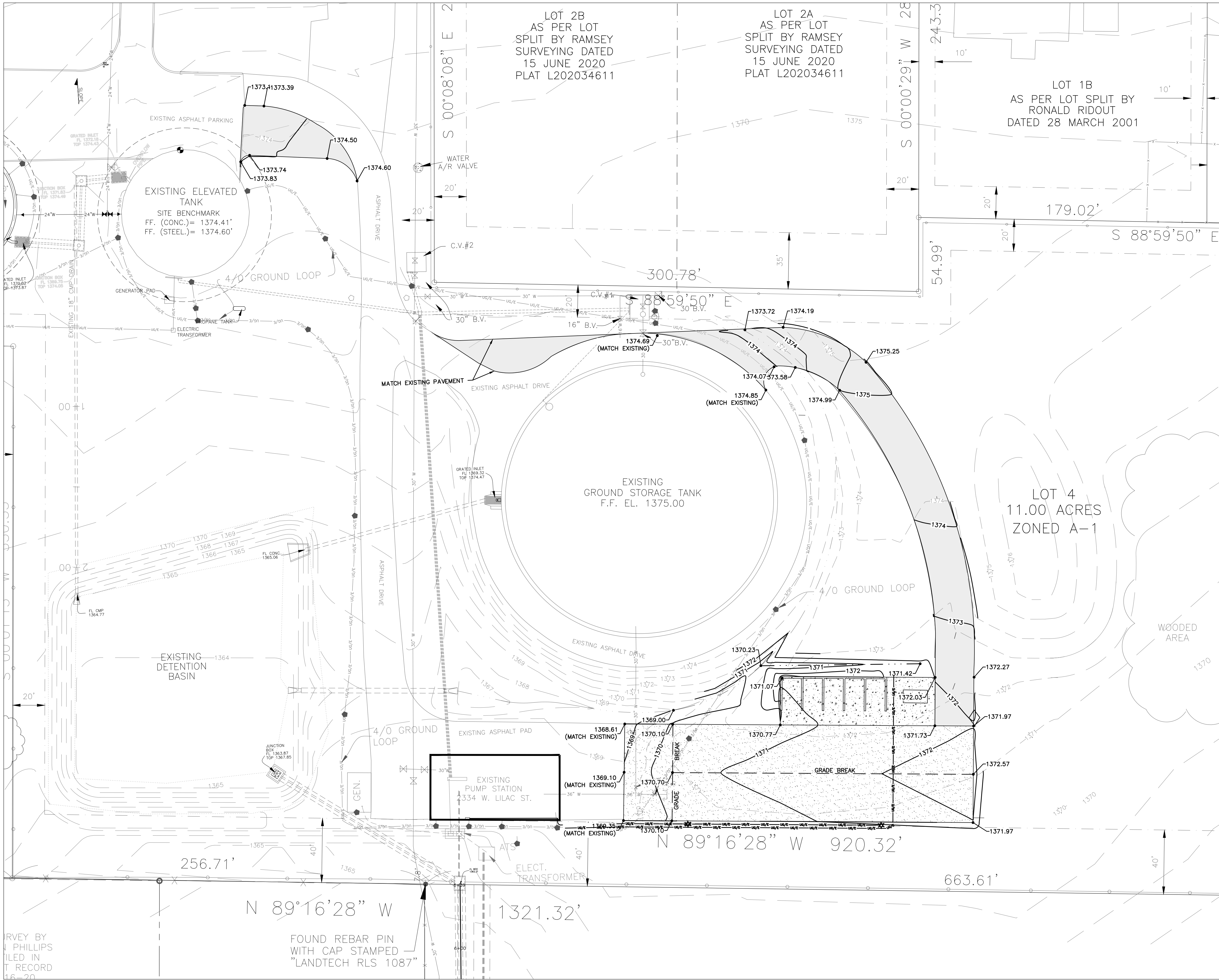
B. SARTAIN

Date

11/16/22

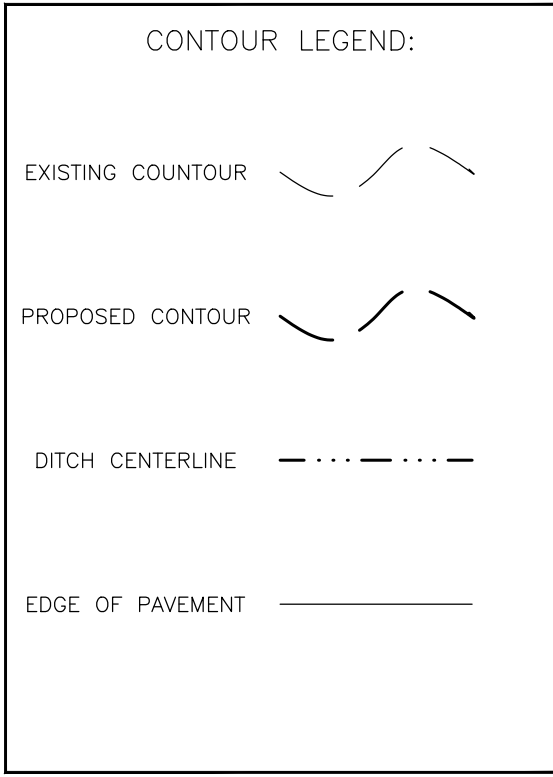
Sheet Number

3



GRADING & DRAINAGE NOTES

1. THE CONTRACTOR SHALL HAVE ALL EROSION CONTROL BMPs IN PLACE AND RWU SHALL OBTAIN A GRADING PERMIT PRIOR TO ANY GRADING ACTIVITIES ONSITE.
2. FINISHED GRADING SHALL INCLUDE A MINIMUM OF 3" TOPSOIL, FREE OF ROCKS FOR LARGE CLODS.
3. ALL METHODS AND MATERIALS OF CONSTRUCTION OF THE STORM SEWER SHALL MEET THE CITY OF ROGERS STANDARD SPECIFICATIONS UNLESS OTHERWISE NOTED HEREIN.
4. PROPOSED CONTOURS AND SPOT ELEVATIONS ARE SHOWN AT FINISHED GRADE OR TOP OF PAVEMENT.



P.O. DRAWER 338
OFFICE - 601 SOUTH 2ND ST. ROGERS, ARKANSAS
72757-0338

RWU MATERIAL STORAGE IMPROVEMENTS

GRADING PLAN

- NOTES:
1. THIS PLAN DOES NOT PROPORT TO SHOW THE LOCATIONS OF ALL UNDERGROUND UTILITIES AS PRECISE OR COMPLETE. THE CONTRACTOR SHALL VERIFY DEPTHS & LOCATIONS OF UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
 2. LOCATIONS OF SERVICE CROSSINGS ARE SUBJECT TO FIELD CHANGES BY ROGERS WATER UTILITIES.
 3. THE CONTRACTOR SHALL ADHERE TO ALL RWU STANDARD DETAILS AND SPECIFICATIONS (LATEST EDITION) FOR WORK PERFORMED ON WATER & SEWER UTILITIES.
 4. COORDINATE WITH THE ROGERS STREET DEPT. FOR STREET REPAIR AND STORM SEWER IMPROVEMENTS.

LEGEND	
EXISTING	PROPOSED

Revisions



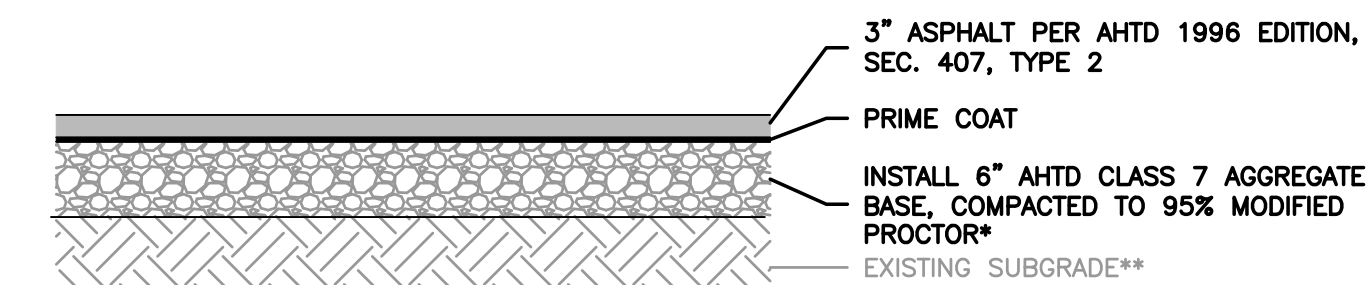
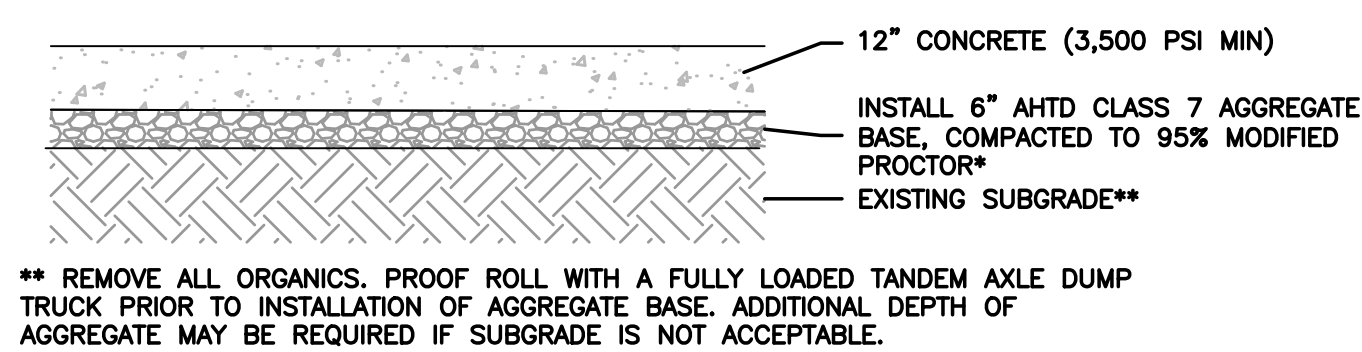
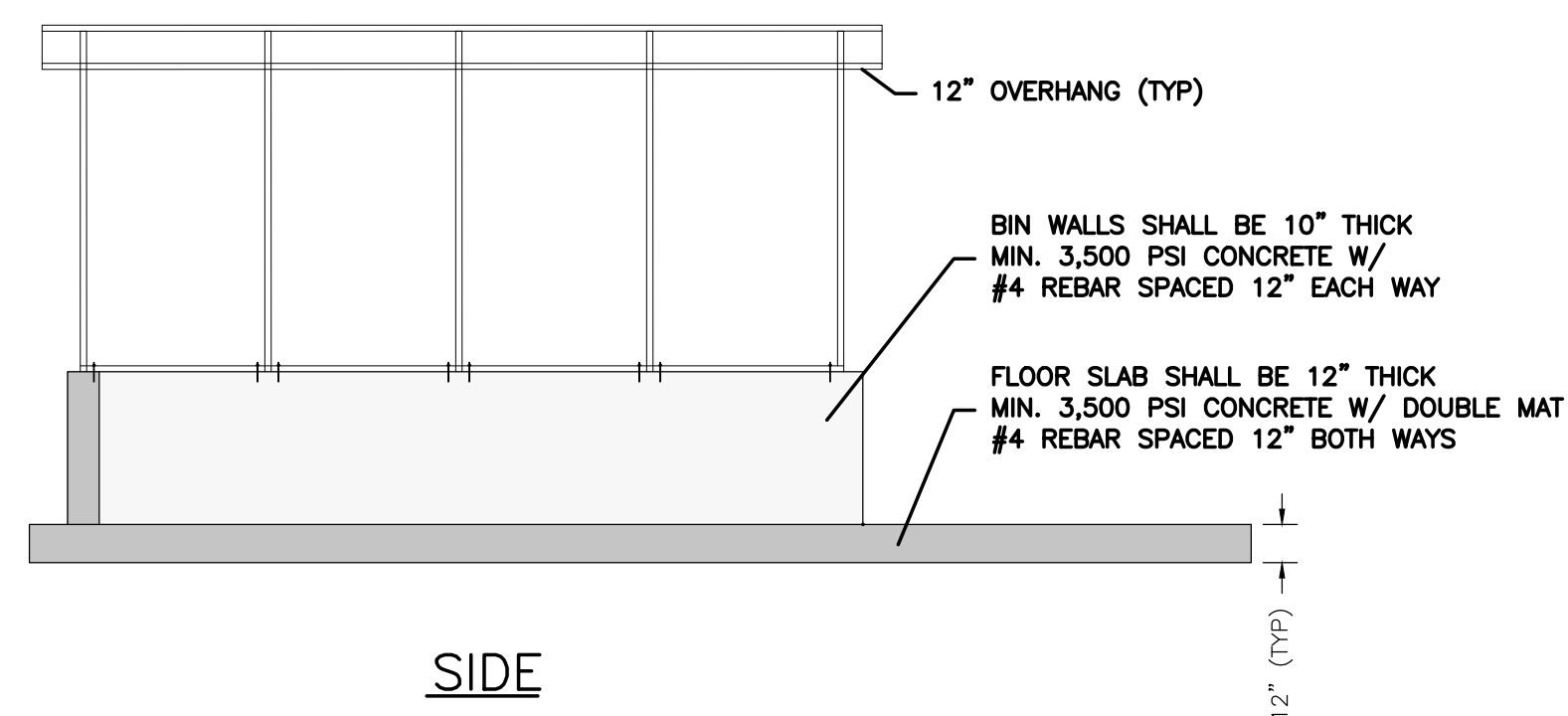
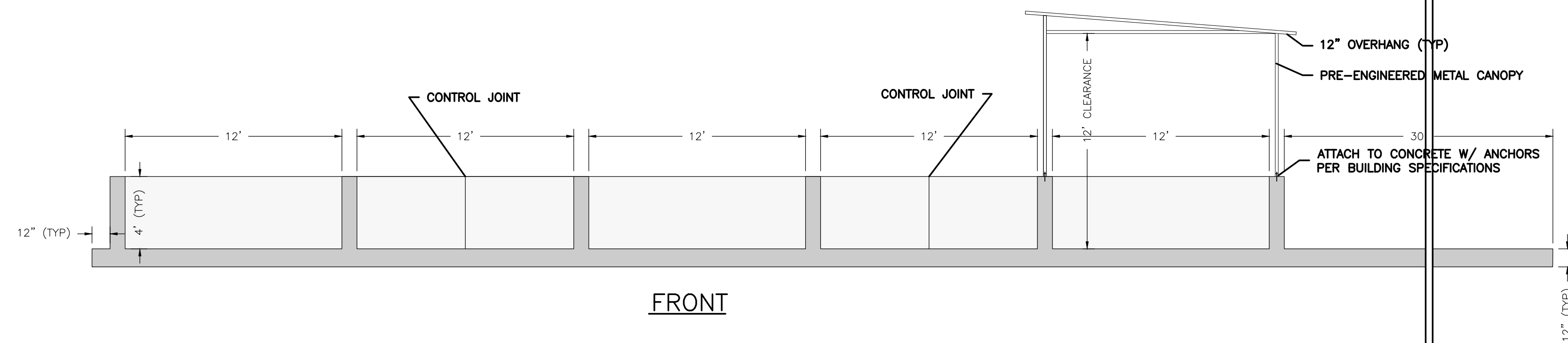
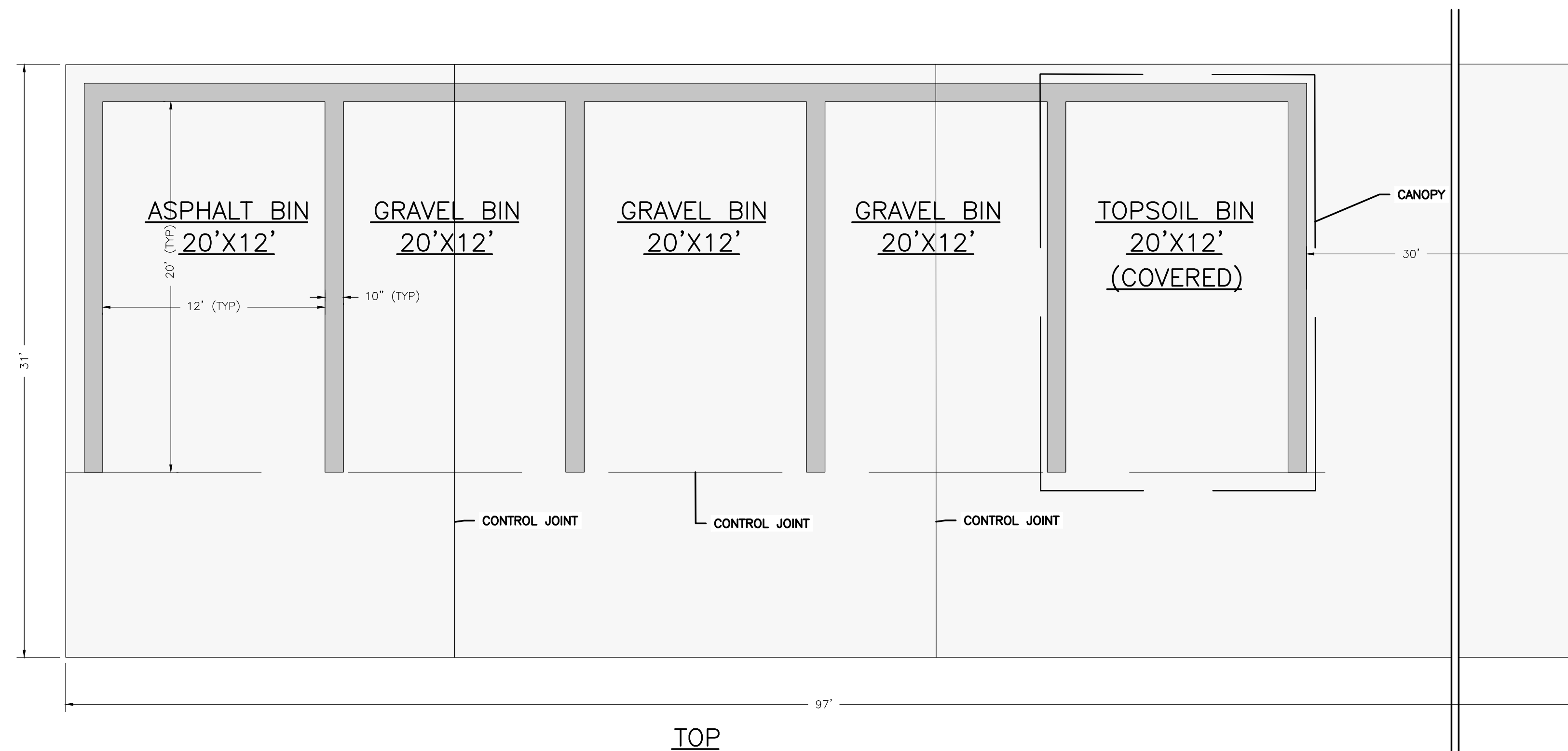
Call before you Dig
Avoid cutting underground utility lines. It's costly.

Drawn by:
TD
Checked by:
BTS

Job Number:
JOBNO
Contact Person:
B. SARTAIN

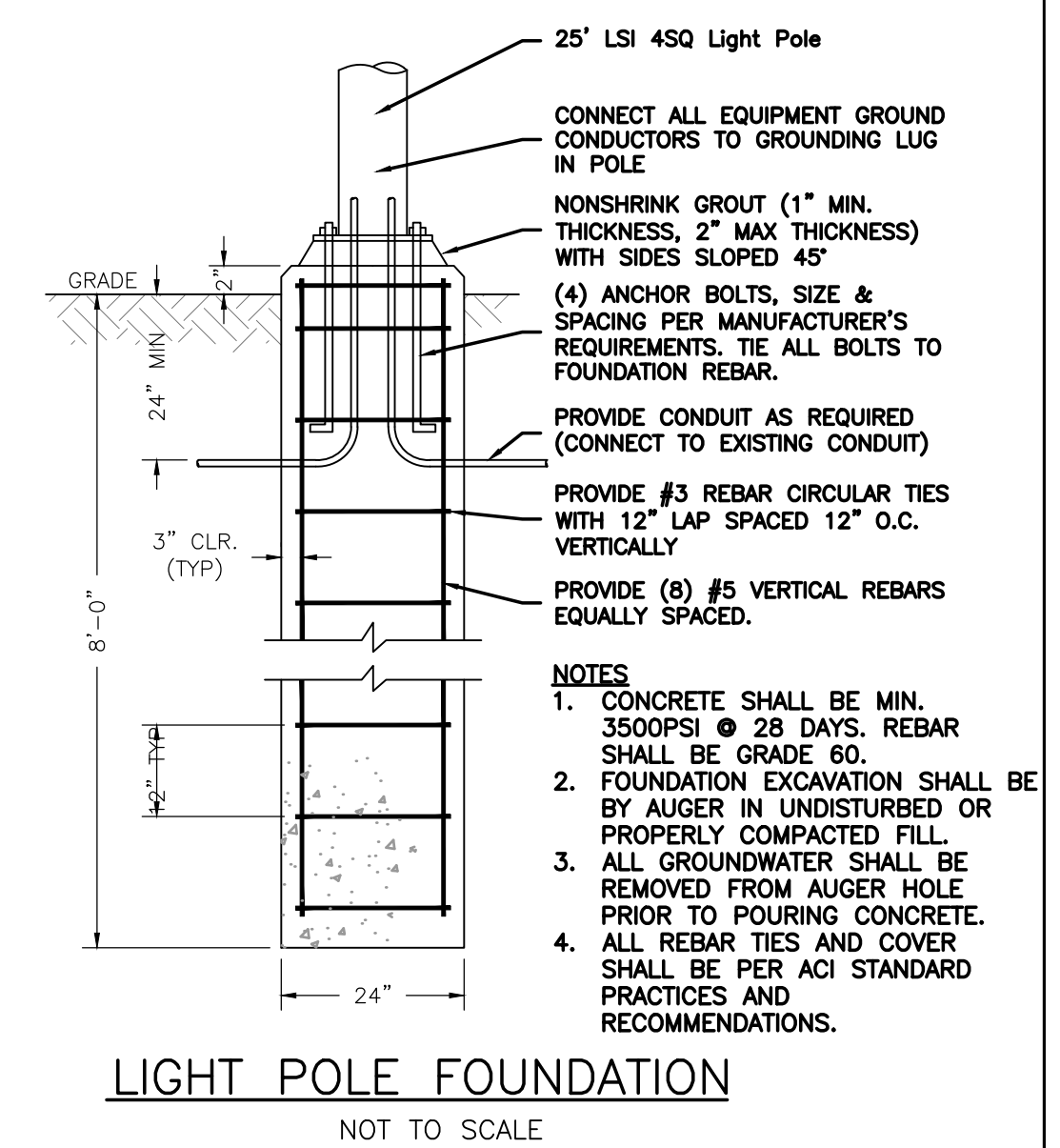
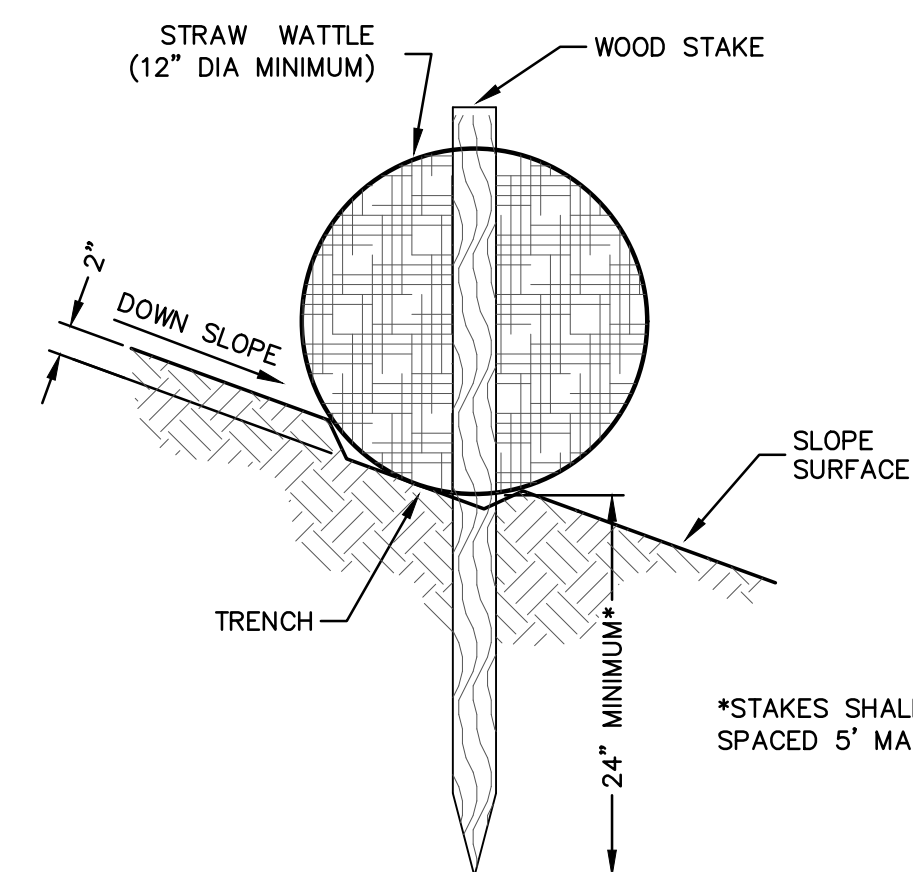
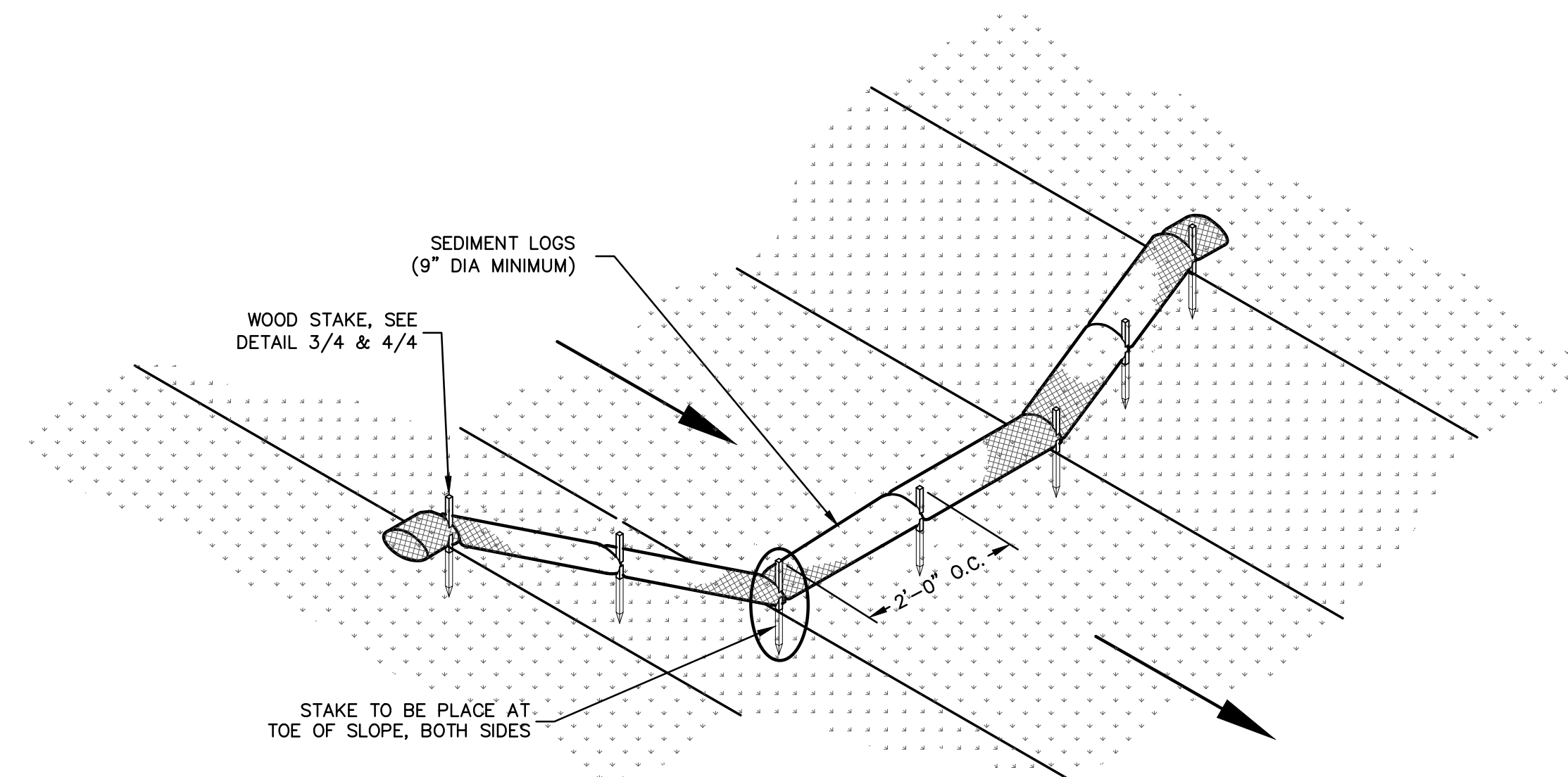
Date
11/16/22

Sheet Number
4



* WHERE GRAVEL DRIVES ARE SPECIFIED, DELETE THE PRIME COAT AND ASPHALT SECTIONS OF THIS DETAIL.

** REMOVE ALL ORGANICS. PROOF ROLL WITH A FULLY LOADED TANDEM AXLE DUMP TRUCK PRIOR TO INSTALLATION OF AGGREGATE BASE. ADDITIONAL DEPTH OF AGGREGATE MAY BE REQUIRED IF SUBGRADE IS NOT ACCEPTABLE.



RWU MATERIAL STORAGE IMPROVEMENTS

DETAILS

NOTES:

1. THIS PLAN DOES NOT PROPORT TO SHOW THE LOCATIONS OF ALL UNDERGROUND UTILITIES AS PRECISE OR COMPLETE. THE CONTRACTOR SHALL VERIFY DEPTHS & LOCATIONS OF UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
2. LOCATIONS OF SERVICE CROSSINGS ARE SUBJECT TO FIELD CHANGES BY ROGERS WATER UTILITIES
3. THE CONTRACTOR SHALL ADHERE TO ALL RWU STANDARD DETAILS AND SPECIFICATIONS (LATEST EDITION) FOR WORK PERFORMED ON WATER & SEWER UTILITIES.
4. COORDINATE WITH THE ROGERS STREET DEPT. FOR STREET REPAIR AND STORM SEWER IMPROVEMENTS.

EXISTING	LEGEND	PROPOSED
⑤	SEWER MANHOLE	⊙
Ⓢ	WATER METER	
④	REDUCER	▶
]	WATERLINE: CAP. / PLUG	]
⋈	VALVE	⋈
Ⓢ	TEE	Ⓢ
Ⓢ	HYDRANT	Ⓢ
△	AIR RELEASE VALVE	⬆
△	GAS METER	⬆
Ⓢ	ELECTRIC RISER BOX	Ⓢ
Ⓢ	ELECTRIC POLE W/ GUY	Ⓢ
④	CONTROL POINT	
Ⓢ	FOUND IRON PIN	
Ⓢ	TV PIEDestal	Ⓢ
Ⓢ	DRAINAGE MANHOLE	Ⓢ
Ⓢ	TELEPHONE PIEDestal	Ⓢ

Revisions



Drawn by:
TD
Checked by:
BTS

Date
11/16/22

Job Number:
JOBNO
Contact Person:
B. SARTAIN

Sheet Number

5