

GENERAL NOTES:

1. The Contractor shall comply with all applicable safety regulations. All construction shall be completed following current City Standard Specifications and Special Provisions.

2. Contractor will be required to provide notice to utility companies a minimum of seventy-two (72) hours prior to any excavation, as follows:

Kansas One-Call 687-2470

The Contractor must notify the following in case of an emergency:

AT&T 1-800-246-8464
 Black Hills Energy 1-800-694-8989
 City of Wichita Water & Sewer 1-316-219-8921
 City of Wichita Stormwater 1-316-268-4090
 City of Wichita Traffic 1-316-268-4034
 Cox Communications 1-888-249-3530
 Kansas Gas Service 1-888-482-4950
 Evergy 1-800-544-4857

3. Utility service lines, poles, etc. are to be adjusted as necessary by others prior to construction unless the plans specifically call for their adjustment by the Contractor or unless the plans specifically identify a utility to be adjusted by its owner during construction. Existing utilities and their location, as shown on the plans, represent the best information obtainable for design. The Contractor will be required to work around existing utilities within the right-of-way which do not conflict with proposed construction.

4. Rubble from the removal of miscellaneous structures and excess excavation which is to be wasted shall be disposed of on sites to be provided by the Contractor. These sites shall be approved by the Engineer as to suitability, appearance and site location. Locations, in the opinion of the Engineer, that will leave an unsightly appearance will not be approved. All disposal sites must be approved by the Kansas Department of Health and Environment. Material either stockpiled or disposed of in a flood plain will require a Kansas State Board of Agriculture permit. Any material dumped in waters of the United States or wetlands is subject to U.S. Corps. of Engineers permitting regulations. Any material buried or stockpiled beyond approved construction limits will require additional archaeological investigations unless buried in a previously approved borrow location.

5. Trees and shrubs in public right-of-way which are in direct conflict with proposed new construction shall be removed by the Contractor with the City Engineer's approval. Trees and shrubs which are not in direct conflict with proposed new construction shall be saved and protected from damage.

6. The Contractor shall give all property owners and/or tenants of developed property abutting the construction of this project a minimum of ten (10) days notice prior to start of construction.

7. The Contractor shall be responsible for preserving property irons. The Contractor will be required to re-establish any property irons which are damaged or destroyed by his construction operations. Such irons shall be re-established by a licensed land surveyor in accordance with state laws.

8. The Engineering Division shall field locate water valves one time during construction when requested by the Contractor. It shall be the Contractor's responsibility to preserve such field locations during the construction process. Water valves, valve boxes or fire hydrants damaged during construction shall be repaired by Contractor at his own expense. Valve boxes and water meters within the project limits shall be adjusted to match final grades by the contractor.

9. The Contractor shall notify the inspecting engineer and Dawnita Reinhardt at 316-268-4574 with the City of Wichita with the anticipated construction start date and notify them of project completion. Staking and inspection for this project will be the responsibility of the Contractor.

10. If traffic will be impacted by construction, a traffic control plan must be submitted and approved by the City Traffic Engineer, Mike Armour at traffic@wichita.gov before construction can begin. The Contractor shall be responsible for all traffic control measures to facilitate construction. All construction zone markings and signage shall conform to the latest version of the Manual on Uniform Traffic Control Devices (MUTCD) as published by the US Dept. of Transportation, Federal Highway Administration. All costs associated with construction markings and signage shall be the Contractors responsibility.

11. All elevations shown are NAVD 88.

12. All areas disturbed during construction that will not be under proposed pavement shall be restored to match existing conditions.

13. Any sidewalk, drive approach, or street pavement located in the right-of-way or easement removed to construct project must have a pavement cut permit and be replaced by the City contractor. Permits can be obtained by calling 316-268-4501 or 316-268-4480.

14. City maintenance of storm sewer ends at the last structure in the easement or right-of-way.

15. A portion of excess excavated material shall be mounded around manholes which extend more than one (1) foot above the existing ground. Such mound shall be constructed with new development a six (6) foot diameter flat top with 4 to 1 side slopes down to the original ground. The elevation of the flat top of the mound shall be 0.4 foot below the top of the manhole.

16. Geotechnical report available upon request.

17. Contractor shall limit the extent of trench openings overnight and weekends to less than 50 feet.

18. The inspecting firm shall submit to the City Stormwater Maintenance Division a digital copy of the CCTV inspection of the conduits and structures following construction. The digital file formation shall be compatible with the City input template. A copy of the template is available upon request at 316-268-4090.

19. The Contractor shall protect from damage and support existing utilities through construction as approved by the utility owner and the Engineer at the contractors expense.

Benchmarks

BENCHMARK No. 1:
 Survey Point No. 99
 N:1705521.0530
 E:1675407.7600
 ELEV: 1403.6500
 DESCRIPTION: CHIS SQ

BENCHMARK No. 2:
 Survey Point No. 10699
 N:1705549.8029
 E:1675629.7335
 ELEV: 1407.2519
 DESCRIPTION: CHIS CROSS

STORM SEWER IMPROVEMENTS

to serve

SITE DEVELOPMENT PLAN VALVOLINE INSTANT OIL CHANGE

3130 N. ROCK ROAD
WICHITA, KS 67226

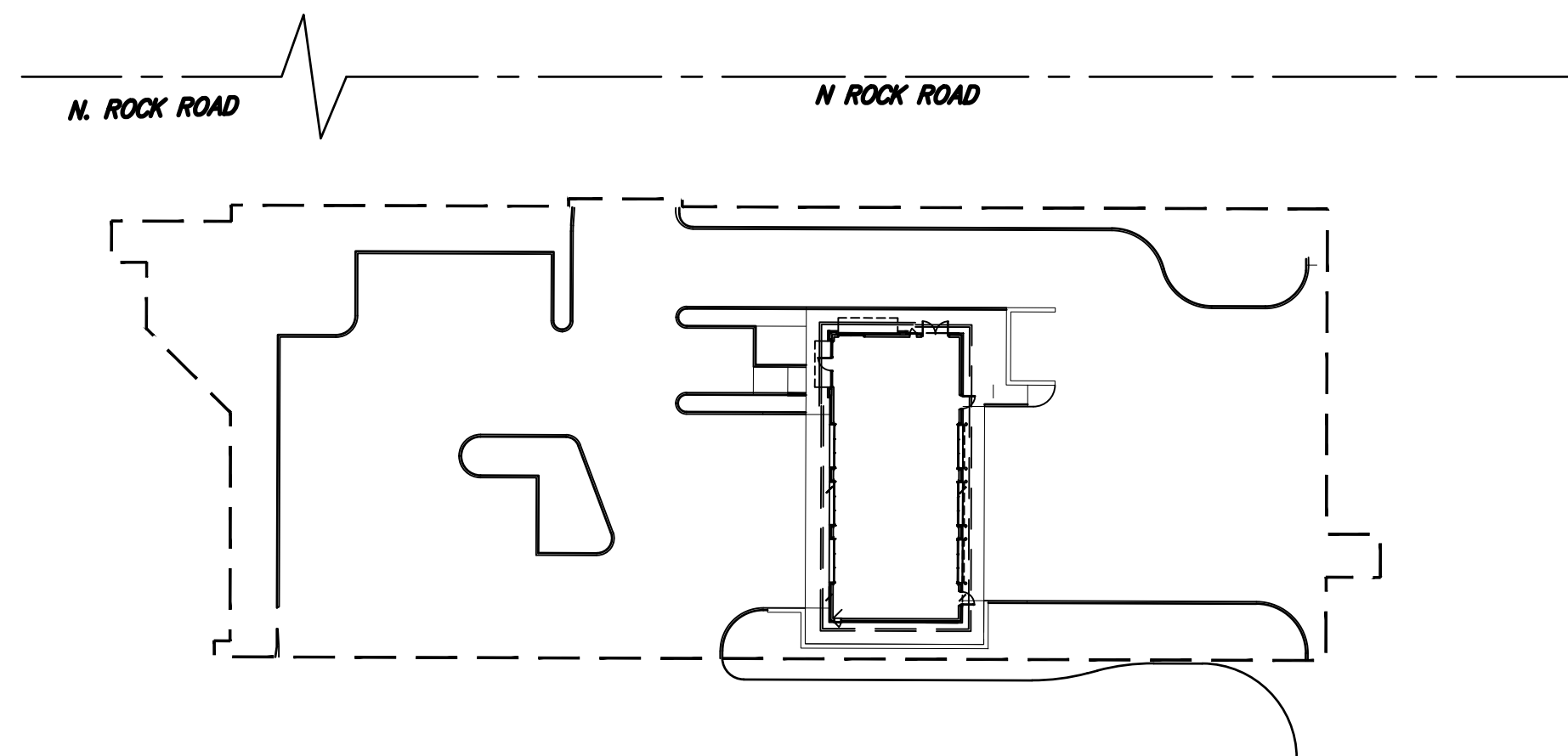
CITY OF WICHITA, KANSAS

Gary Janzen, P.E. City Engineer

Project Number

2022-000784 PPD (56030970)

Date: 2023-07-18
 Inspector: A. Thompson
 Design/Inspecting Firm: Harrison French & Associates/Kaw Valley Engineering, Inc.
 Contractor: JLMoore
 Subcontractor: Sooter Excavating LLC
 Built in general conformance to construction plans, except where noted on plans.

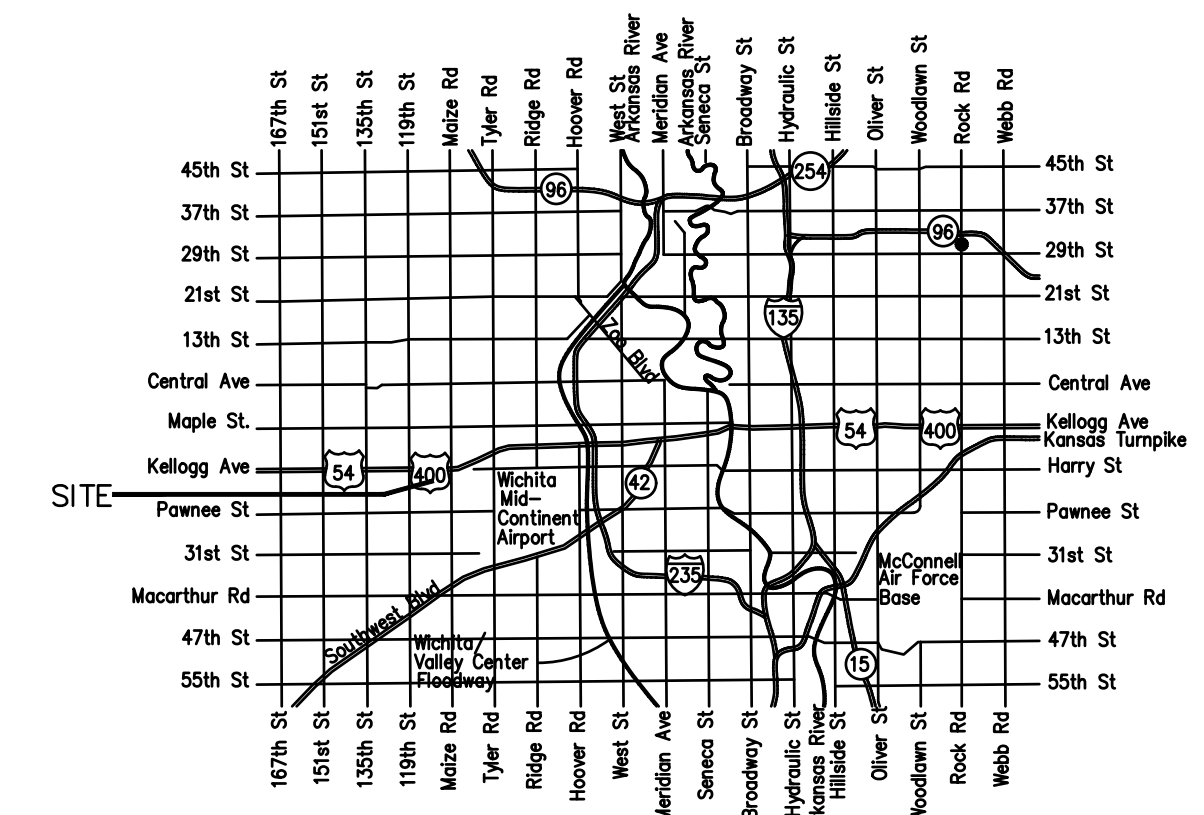


Sheet Index

- Title Sheet
- Grading Plan
- Plan & Profile
- Pre-Development Plan
- Post-Development Plan
- Drainage Plan
- Erosion Control Plan
- Erosion Control Details
- Drainage Details
- Survey Plan

OCTOBER 21, 2022

Harrison French & Associates, LTD
 1705 S. WALTON BLVD. SUITE 3
 BENTONVILLE, AR 72712



Vicinity Map

Stormwater Certification:

New Development or Redevelopment (Circle One)

Stormwater Permit # _____ N/A

NOI Permit # _____ N/A

These construction plans were prepared in accordance with the current Stormwater management Regulations as set forth in the City of Wichita's Stormwater Management Ordinance 16.32 and the policies/guidelines presented in the Wichita/Sedgwick County Stormwater Manual.

Site Area (Acres) = _____ 0.6 AC

Disturbed Area (Acres) = _____ 0.6 AC

Water Quality Treatment: _____ N/A

Downstream Channel Protection: _____ N/A

Detention: _____ N/A

The BMP used for this development is _____ N/A

APPROVED AS NOTED
 BY WICHITA PUBLIC WORKS ENGINEERING
 AND STORMWATER DIVISION

Engineering SHAWN MELLIES, 11/1/2022

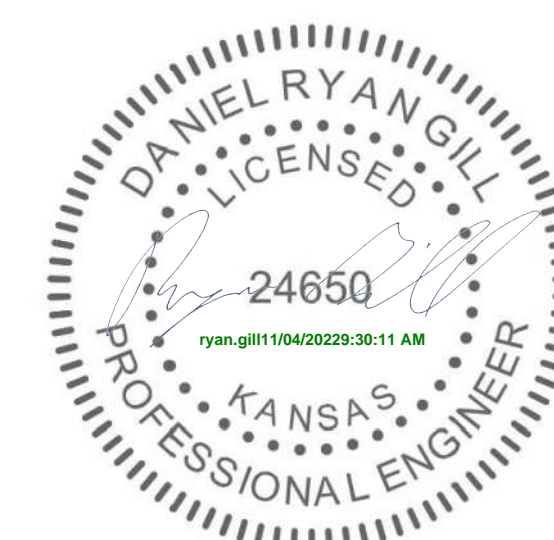
Stormwater JOSEPH HICKLE, 11/1/2022

NOTE TO CONTRACTORS

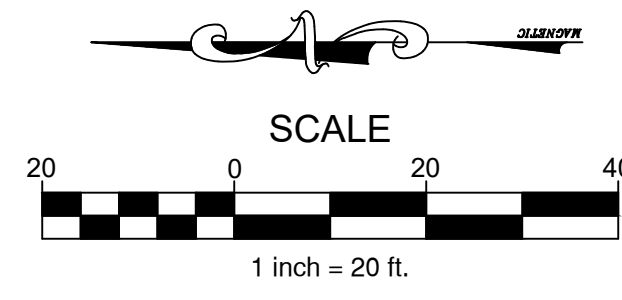
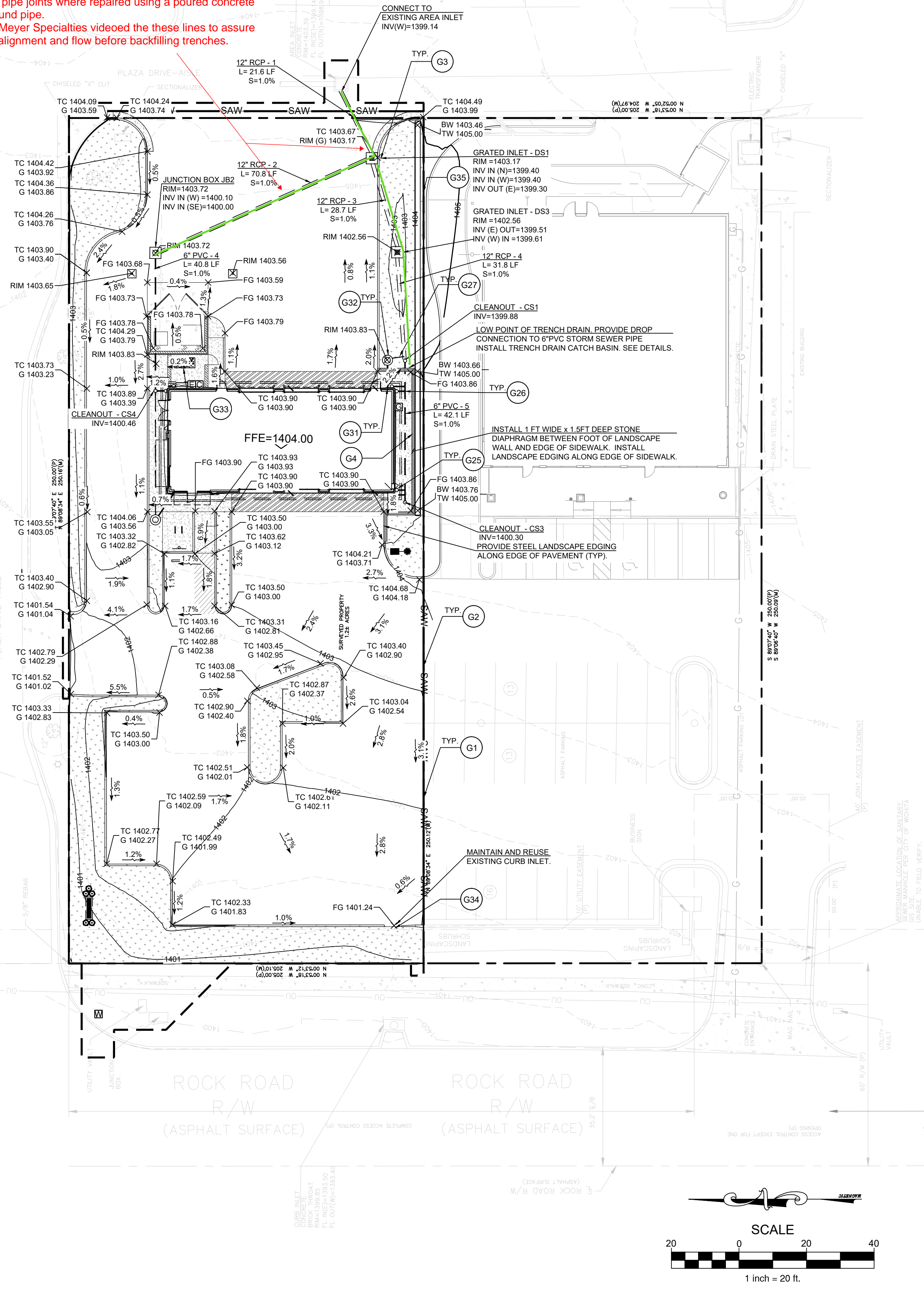
Inspection and testing for this project is to be provided by a Licensed Consulting Engineering Firm under contract with the Owner/Developer. Said inspection to be in accordance with the City of Wichita standard construction engineering practices and certified by a Licensed Professional Engineer in the state of Kansas. No work shall be performed the Contractor without such inspection nor shall any work be commenced without written authorization by City Engineering. All Construction and Materials shall comply with the current City of Wichita Specifications and Standards and Special Provisions. (on file and available at Wichita.gov).

An approved copy of these plans signed by City staff are required on-site.

DRAWINGS STAMPED AND SIGNED BY RYAN GILL, P.E.
 EMAIL: RYAN.GILL@HFA-AE.COM
 PHONE: 479-530-8433



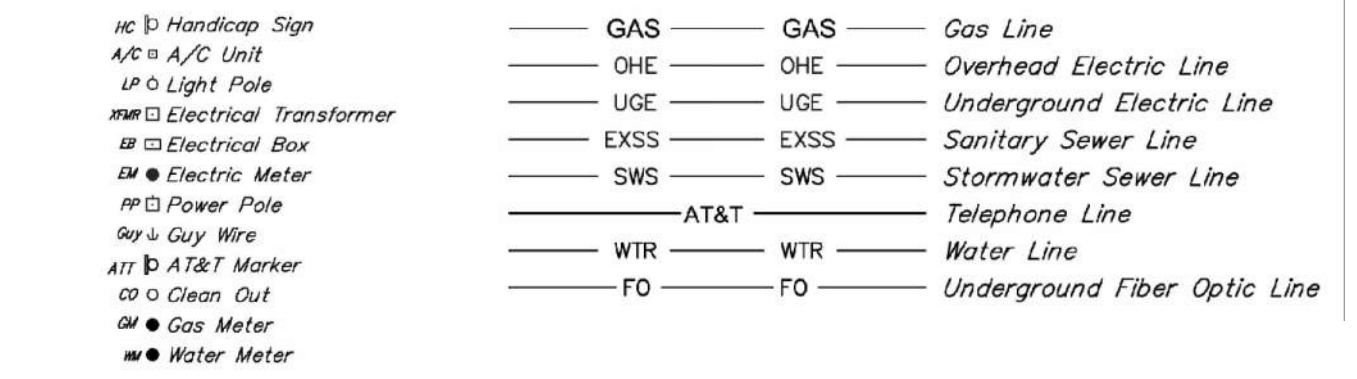
NOTE:
 Date: 2023-08-31
 DS1 Sta. 0+21.60 to JB2 Sta. 0+92.41 and 0+21.60 to 0+00.00,
 all 12" RCP pipe joints where repaired using a poured concrete
 collar all around pipe.
 2023-09-01 Meyer Specialties videoed these lines to assure
 proper pipe alignment and flow before backfilling trenches.



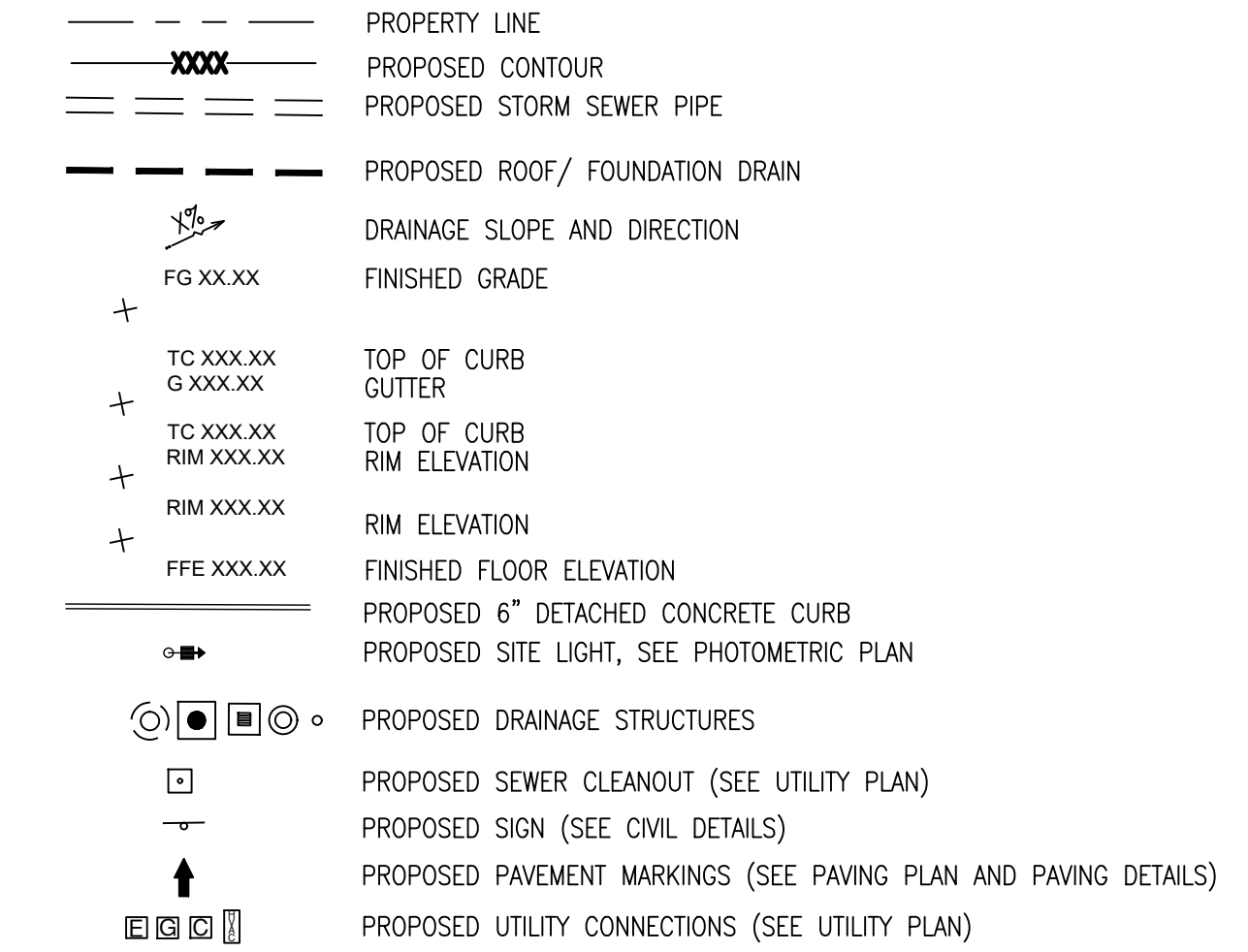
GENERAL GRADING/DRAINAGE NOTES:

- ALL GRADING AND SITE PREPARATION SHALL CONFORM WITH SPECIFICATIONS CONTAINED IN THE GEOTECHNICAL REPORT.
- ALL CONSTRUCTION MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE TO THE CITY LATEST CONSTRUCTION SPECIFICATIONS AND DETAILS.
- PRIOR TO ANY EXCAVATION OF THE PROJECT SITE, THE CONTRACTOR SHALL NOTIFY THE CITY 48 HOURS PRIOR TO THE START OF CONSTRUCTION.
- THE CONTRACTOR SHALL CAREFULLY PRESERVE BENCHMARKS, REFERENCE POINTS AND STAKES.
- ALL INDICATED ELEVATIONS ARE FINISHED ELEVATIONS.
- FIELD VERIFY LOCATIONS, SIZES AND IF APPLICABLE INVERTS OF EXISTING UTILITIES FOR PROPOSED CONNECTIONS PRIOR TO CONSTRUCTION.
- LOCATE AND PROTECT ALL UTILITIES ASSOCIATED WITH THE PROJECT PRIOR TO CONSTRUCTION.
- INSTALL SILT CONTROL MEASURES BEFORE BEGINNING SITE WORK. THESE MEASURES SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.
- MAINTAIN PROPER SITE DRAINAGE AT ALL TIMES DURING CONSTRUCTION. PREVENT STORM WATER FROM RUNNING INTO OR STANDING IN EXCAVATED AREAS.
- INSTALL ALL APPROPRIATE TREE PROTECTION MEASURES PRIOR TO GRADING.
- CUT AND FILL SLOPES SHALL HAVE A MAXIMUM SLOPE OF 2:1.
- ALL EXCAVATION SHALL INCLUDE CLEARING, STRIPING AND STOCKPILING TOPSOIL, REMOVING UNSUITABLE MATERIALS, THE CONSTRUCTION OF EMBANKMENTS, CONSTRUCTION FILLS, AND THE FINAL SHAPING AND TRIMMING TO THE LINES AND GRADES SHOWN ON THE PLANS.
- ALL TREES, BRUSH, AND ORGANIC TOPSOIL AND OTHER OBJECTIONABLE MATERIAL SHALL BE REMOVED, UNLESS OTHERWISE SPECIFIED, AND DISPOSED OF AT AN OFF-SITE LOCATION, WITH THE EXCEPTION THAT ENOUGH TOPSOIL SHALL BE RETAINED FOR RESPREAD AND GENERAL LANDSCAPING. AREAS WHICH ARE TO BE FILLED SHALL BE COMPACTED TO A MAXIMUM DENSITY OF 95% AS DETERMINED BY THE MODIFIED AASHTO COMPACTION TEST IN THE PAVED AREAS AND 85% IN THE OTHER AREAS.
- STRIP AND STOCKPILE TOPSOIL. SPREAD FOUR (4) INCHES MINIMUM OF TOPSOIL ON LANDSCAPE AREAS AND REMOVE EXCESS TOPSOIL FROM SITE. PREPARE SUB-GRADE FOR PAVEMENT AND CURBS AND BACKFILL CURBS AFTER CURB CONSTRUCTION.
- PROVIDE SUPPLY OF TOPSOIL FOR LANDSCAPE CONTRACTOR FOR INSTALLATION IN ALL LANDSCAPE ISLANDS.
- PROVIDE AND INSTALL TOPSOIL IN DISTURBED AREAS TO BE GRASSED, TO INCLUDE PAVEMENT SHOULDERS AND DETENTION AREAS.
- ALL EARTHWORK AND BASE COURSE FOR THE PARKING AREA SHALL BE COMPACTED TO A MINIMUM OF 95% MODIFIED LABORATORY DENSITY. CERTIFICATION SAID COMPACTION SHALL BE SUBMITTED BY THE CONTRACTOR TO THE ENGINEER, OR HIS/HER REPRESENTATIVE, PRIOR TO THE PLACEMENT OF THE BASE COURSE MATERIAL. BOTH PROOF ROLLING AND COMPACTION TESTING MUST BE APPROVED AND WITNESSED BY THE ENGINEER OR OWNER REPRESENTATIVE.
- THE PAVEMENT SUBGRADE AND BASE COURSE MATERIAL SHALL BE INSPECTED AND APPROVED BY THE ENGINEER OR OWNER REPRESENTATIVE PRIOR TO CONSTRUCTING THE BASE AND SURFACE COURSES THEREON.
- CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE TO ALL INLETS AND CATCH BASINS. AREAS OF SURFACE PONDING SHALL BE CORRECTED BY CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER.
- IF AREAS ARE DISTURBED BEYOND PROPOSED GRADES BY NEGLIGENCE OF THE CONTRACTOR, THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY REGRADING OR REPAIR TO MATCH ORIGINAL EXISTING CONDITIONS.
- SHORING SHALL BE DONE AS NECESSARY FOR THE PROTECTION OF THE WORK AND FOR THE SAFETY OF PERSONNEL. SHORING SHALL BE IN ACCORDANCE WITH ALL O.S.H.A AND LOCAL REGULATIONS.
- STRUCTURES FOR STORM SEWERS SHALL BE IN ACCORDANCE WITH THESE IMPROVEMENT PLANS AND THE APPLICABLE STANDARD SPECIFICATIONS. WHERE GRANULAR TRENCH BACKFILL IS REQUIRED AROUND THESE STRUCTURES, THE COST SHALL BE CONSIDERED AS INCIDENTAL AND SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE STRUCTURE.
- CONFIRM INVERTS OF ALL EXISTING STORM INLETS AND SANITARY SEWER MANHOLES BEFORE COMMENCING CONSTRUCTION.
- ALL STORM SEWER LINES 18"-54" DIAMETER ARE TO BE REINFORCED CONCRETE PIPE ACCORDING TO ASTM C-76 TYPE III, UNLESS OTHERWISE SPECIFIED ON PLANS.
- A GEOTEXTILE MATTING (LANDLOCK TRM 450 OR EQUIVALENT) SHALL BE USED FOR EROSION CONTROL AN ALL SLOPES GREATER THAN 3H:1V.
- DRAINAGE STRUCTURES AND DETENTION POND SHALL BE MAINTAINED BY PROPERTY OWNERS.
- CONTRACTOR SHALL ADHERE TO PROPOSED GRADES ALONG CREEKS, ESPECIALLY IN THE AREA OF THE PROPOSED DETENTION POND. IF AREAS ARE DISTURBED BEYOND PROPOSED GRADES BY NEGLIGENCE OF THE CONTRACTOR, THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY PENALTIES INCURRED.
- ALL PROPOSED SPOT ELEVATIONS SHOWN INDICATE FINISHED GRADED ELEVATIONS AT EDGE OF PAVEMENT AND/OR GRADE BREAKS, UNLESS OTHERWISE NOTED.
- SEE GENERAL NOTES FOR ADDITIONAL INFORMATION.

EXISTING LEGEND:



PROPOSED LEGEND:



GRADING KEY NOTES:

- G1 MATCH EXISTING PAVEMENT ELEVATION.
- G2 LIMITS OF SAWCUT AND PAVEMENT REMOVAL
- G3 STORM SEWER (SEE THIS PLAN AND DRAINAGE PLAN FOR INVERTS, TYPE, SIZE AND SLOPE)
- G4 1 FT WIDE X 1.5 FT DEEP STONE DIAPHRAGM. PROVIDE 2" MINUS, WASHED STONE. INSTALL FILTER FABRIC ALONG BOTTOM AND VERTICAL WALLS OF TRENCH.
- G25 DOWN SPOUTS - PER ARCH. PLANS (SEE DRAINAGE PLAN FOR NUMBER AND SIZE)
- G26 CONNECT DOWN SPOUTS UNDERGROUND TO STORM PIPE (SEE DRAINAGE PLAN FOR NUMBER AND SIZE)
- G27 CONNECT WITH 2" PVC SUMP DISCHARGE TO STORM DRAIN PIPE (CONTRACTOR TO FIELD VERIFY LOCATION AND ELEVATION)
- G31 REFER TO PLUMBING PLAN FOR FOUNDATION DRAIN DESIGN
- G32 REFER TO PLUMBING PLAN FOR SUMP PUMP DESIGN
- G33 CONCRETE PAD WITH 0.5 FT REVEAL
- G34 EXISTING CURB INLET TO BE REUSED. CONDITION TO BE QUALIFIED BY CITY ENGINEER. IF CONDITION IS DEEMED TO BE UNACCEPTABLE BY THE CITY ENGINEER, CONTRACTOR SHALL REPLACE CURB INLET. INLET INVERT TO MATCH EXISTING.
- G35 1-2 FT HIGH LANDSCAPE HIP WALL. REDI-ROCK OR EQUAL.

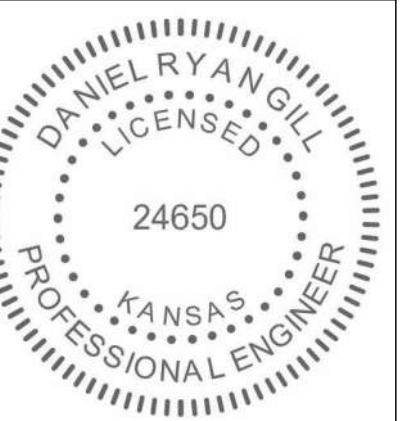


1703 S. WALTON BLVD., SUITE 3
 BENTONVILLE, ARKANSAS 72712
 T 479.273.7780
 F 888.520.9685
 WWW.HFA-AE.COM

COPYRIGHT NOTICE
 This drawing is the property of the above referenced Professional and is not to be used for any purpose other than the specific project and site named herein, and cannot be reproduced in any manner without the express written permission from the Professional

Issued Record	OWNER REVIEW SET
Date	PERMIT SET
8/22/2023	IMAGE REVISION 1
8/15/2023	
10/05/2022	

VALVOLINE INSTANT OIL CHANGE
 3130 N ROCK ROAD
 WICHITA, KS 67226



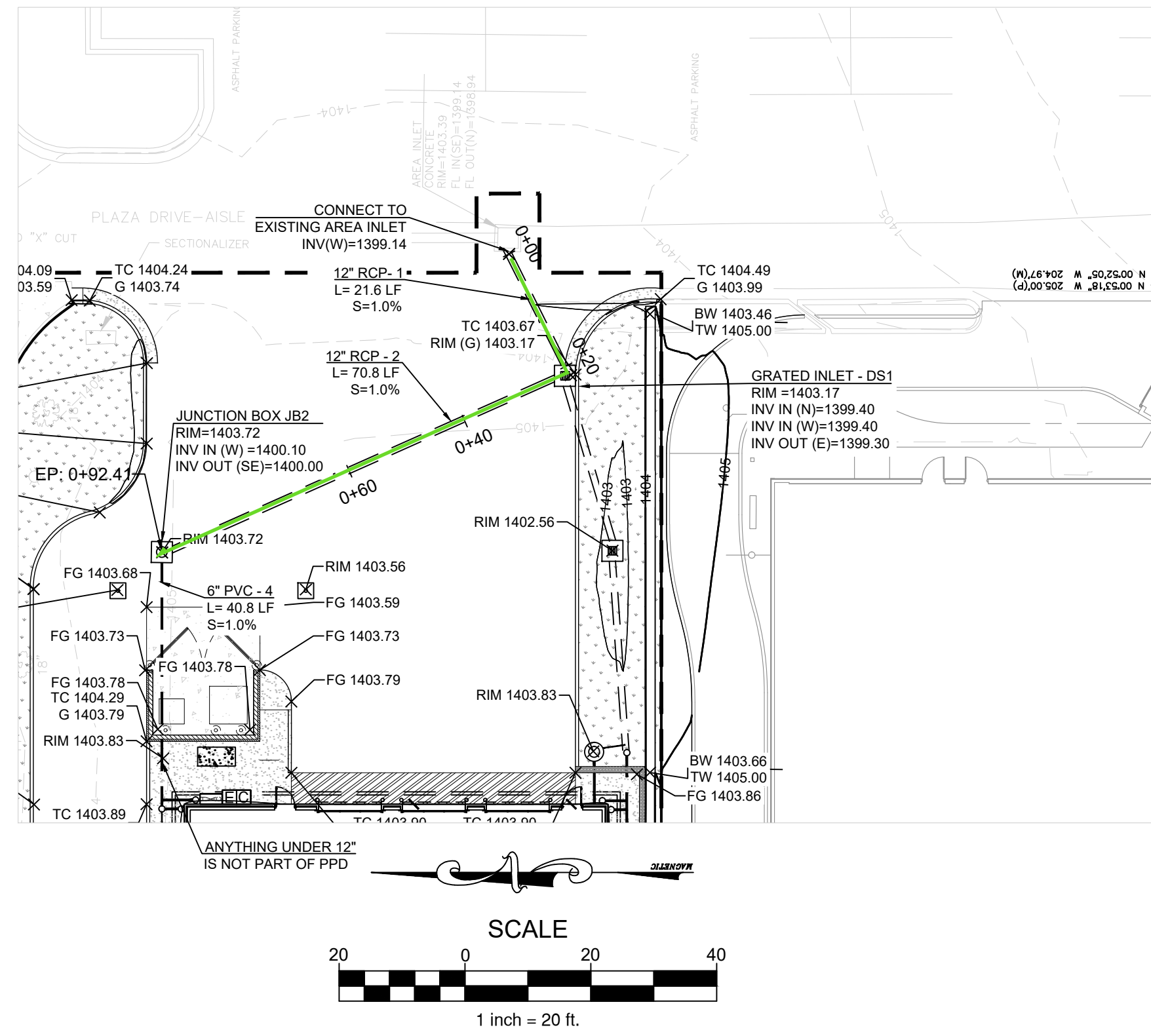
PROJECT NUMBER	06-21-20020
PROFESSIONAL IN CHARGE	DRG
PROJECT MANAGER	KK
QUALITY CONTROL	WFM
DRAWN BY	MPB
Drawing Title:	

GRADING PLAN

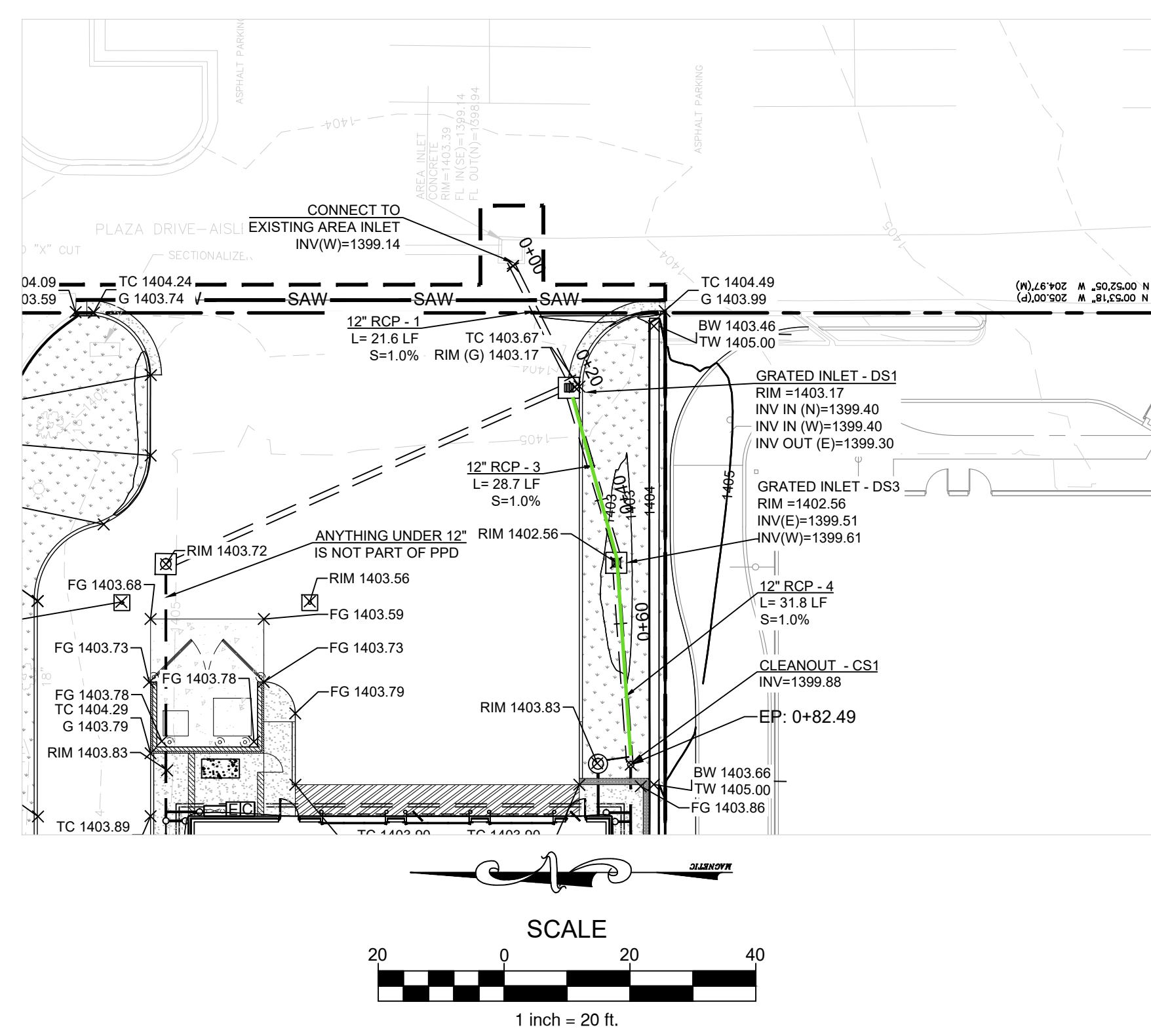


Know what's below.
 Call before you dig.

ALIGNMENT - (1)



ALIGNMENT - (2)



EXISTING LEGEND:

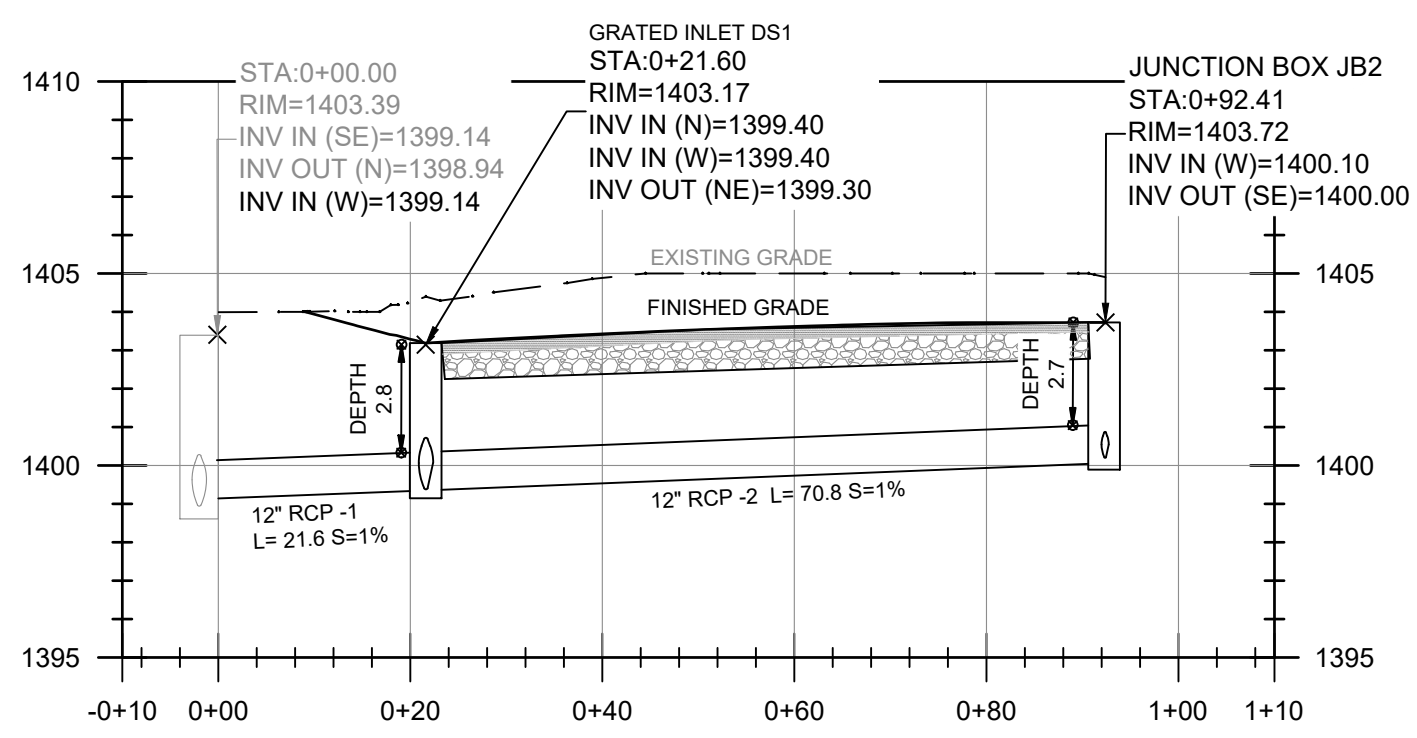
Handicap Sign	GAS	GAS	Gas Line
A/C Unit	OHE	OHE	Overhead Electric Line
Light Pole	UGE	UGE	Underground Electric Line
Electrical Transformer	EXSS	EXSS	Sanitary Sewer Line
Electrical Box	SWS	SWS	Stormwater Sewer Line
Electric Meter	AT&T	AT&T	Telephone Line
Power Pole	WTR	WTR	Water Line
Guy Wire	FO	FO	Underground Fiber Optic Line
AT&T Marker			
Clean Out			
Gas Meter			
Water Meter			

PROPOSED LEGEND:

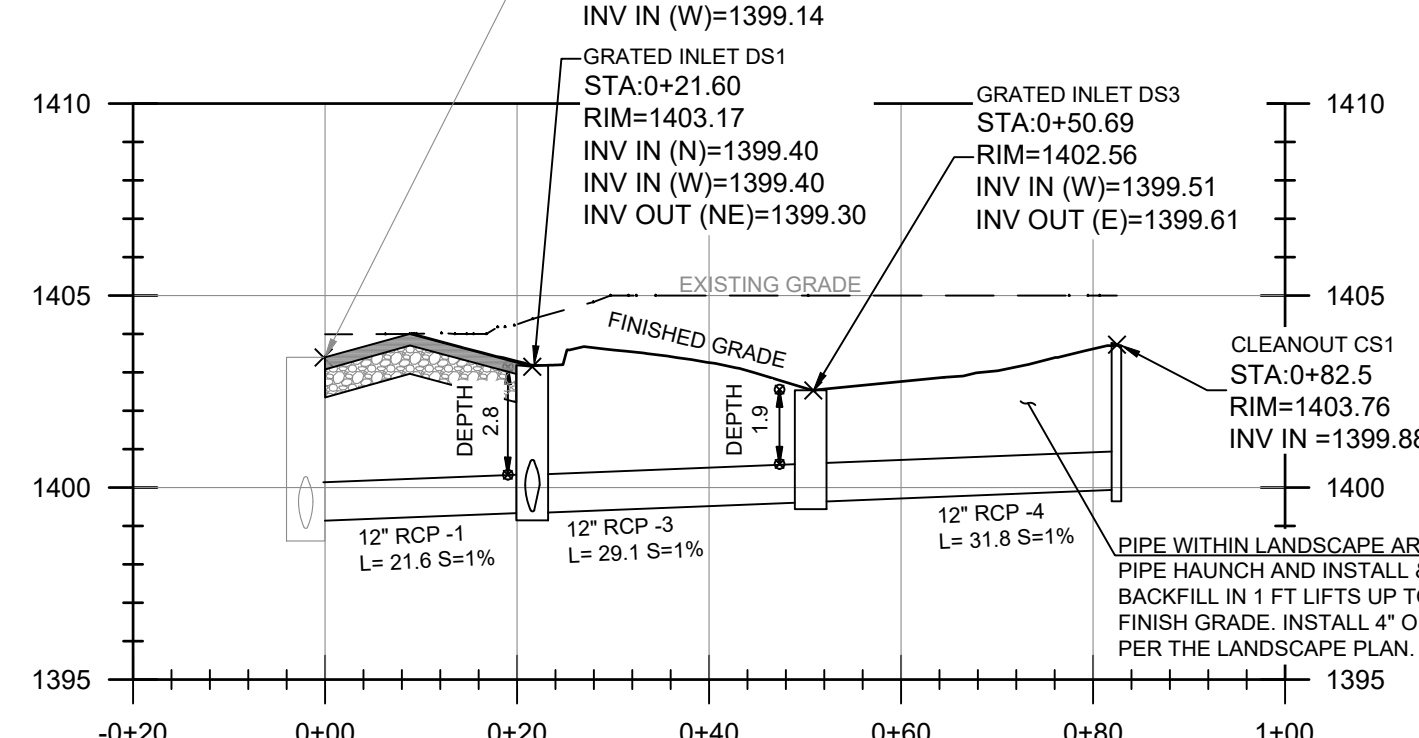
---	PROPERTY LINE
XXXX	PROPOSED CONTOUR
---	PROPOSED STORM SEWER PIPE
---	PROPOSED ROOF / FOUNDATION DRAIN
---	DRAINAGE SLOPE AND DIRECTION
FG XXX.XX	FINISHED GRADE
+	TOP OF CURB
G XXX.XX	GUTTER
+	TOP OF CURB
RIM XXX.XX	RIM ELEVATION
+	RIM ELEVATION
FFE XXX.XX	FINISHED FLOOR ELEVATION
○	PROPOSED 6" DETACHED CONCRETE CURB
○	PROPOSED SITE LIGHT, SEE PHOTOMETRIC PLAN
○	PROPOSED DRAINAGE STRUCTURES
□	PROPOSED SEWER CLEANOUT (SEE UTILITY PLAN)
+	PROPOSED SIGN (SEE CIVIL DETAILS)
↑	PROPOSED PAVEMENT MARKINGS (SEE PAVING PLAN AND PAVING DETAILS)
□	PROPOSED UTILITY CONNECTIONS (SEE UTILITY PLAN)

GRADING KEY NOTES:

- G1 MATCH EXISTING PAVEMENT ELEVATION.
- G2 LIMITS OF SAWCUT AND PAVEMENT REMOVAL
- G3 STORM SEWER (SEE THIS PLAN AND DRAINAGE PLAN FOR INVERTS, TYPE, SIZE AND SLOPE)
- G4 1FT WIDE X 1.5 FT DEEP STONE DIAPHRAGM. PROVIDE 2" MINUS, WASHED STONE. INSTALL FILTER FABRIC ALONG BOTTOM AND VERTICAL WALLS OF TRENCH. DOWN SPOUTS - PER ARCH. PLANS (SEE DRAINAGE PLAN FOR NUMBER AND SIZE)
- G25 CONNECT DOWN SPOUTS UNDERGROUND TO STORM PIPE (SEE DRAINAGE PLAN FOR NUMBER AND SIZE)
- G27 CONNECT WITH 2" PVC SUMP DISCHARGE TO STORM DRAIN PIPE (CONTRACTOR TO FIELD VERIFY LOCATION AND ELEVATION)
- G31 REFER TO PLUMBING PLAN FOR FOUNDATION DRAIN DESIGN
- G32 REFER TO PLUMBING PLAN FOR SUMP PUMP DESIGN
- G33 CONCRETE PAD WITH 0.5 FT REVEAL
- G34 EXISTING CURB INLET TO BE REUSED. CONDITION TO BE QUALIFIED BY CITY ENGINEER. IF CONDITION IS DEEMED TO BE UNACCEPTABLE BY THE CITY ENGINEER, CONTRACTOR SHALL REPLACE CURB INLET. INLET INVERT TO MATCH EXISTING.
- G35 1-2 FT HIGH LANDSCAPE HIP WALL. REDI-ROCK OR EQUAL.

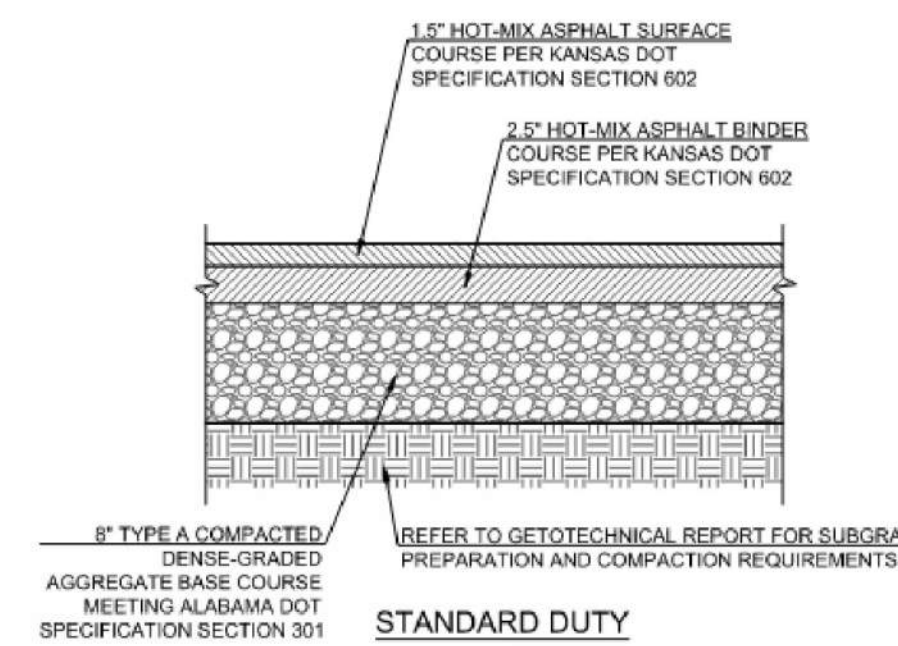


ALIGNMENT - (1)
Horizontal Scale - 1"=20'
Vertical Scale - 1"=5'



ALIGNMENT - (2)
Horizontal Scale - 1"=20'
Vertical Scale - 1"=5'

- NOTES:
- DESIGN PER GEOTECH REPORT BY GILES ENGINEERING ASSOCIATES, INC. DATED JULY 11, 2022.
 - PAVEMENTS AND SUBGRADES INCLUDING MATERIALS & COMPACTION SHALL MEET STANDARDS & SPECIFICATIONS OF THE KANSAS DEPARTMENT OF TRANSPORTATION.



HARRISON FRENCH & ASSOCIATES, LTD.

HFA
Creative Solutions
Meaningful Places

1703 S WALTON BLVD., SUITE 3
BENTONVILLE, ARKANSAS 72712
T 479.273.7780
F 888.520.9685
WWW.HFA-AE.COM

COPYRIGHT NOTICE
This drawing is the property of the above referenced Professional and is not to be used for any purpose other than the specific project and site named herein, and cannot be reproduced in any manner without the express written permission from the Professional.

Issued Record	OWNER REVIEW SET
Date	PERMIT SET
8/22/2022	IMAGE REVISION 1
9/15/2022	
10/05/2022	

Valvoline
Instant Oil Change

VALVOLINE INSTANT OIL CHANGE
3130 N ROCK ROAD
WICHITA, KS 67226

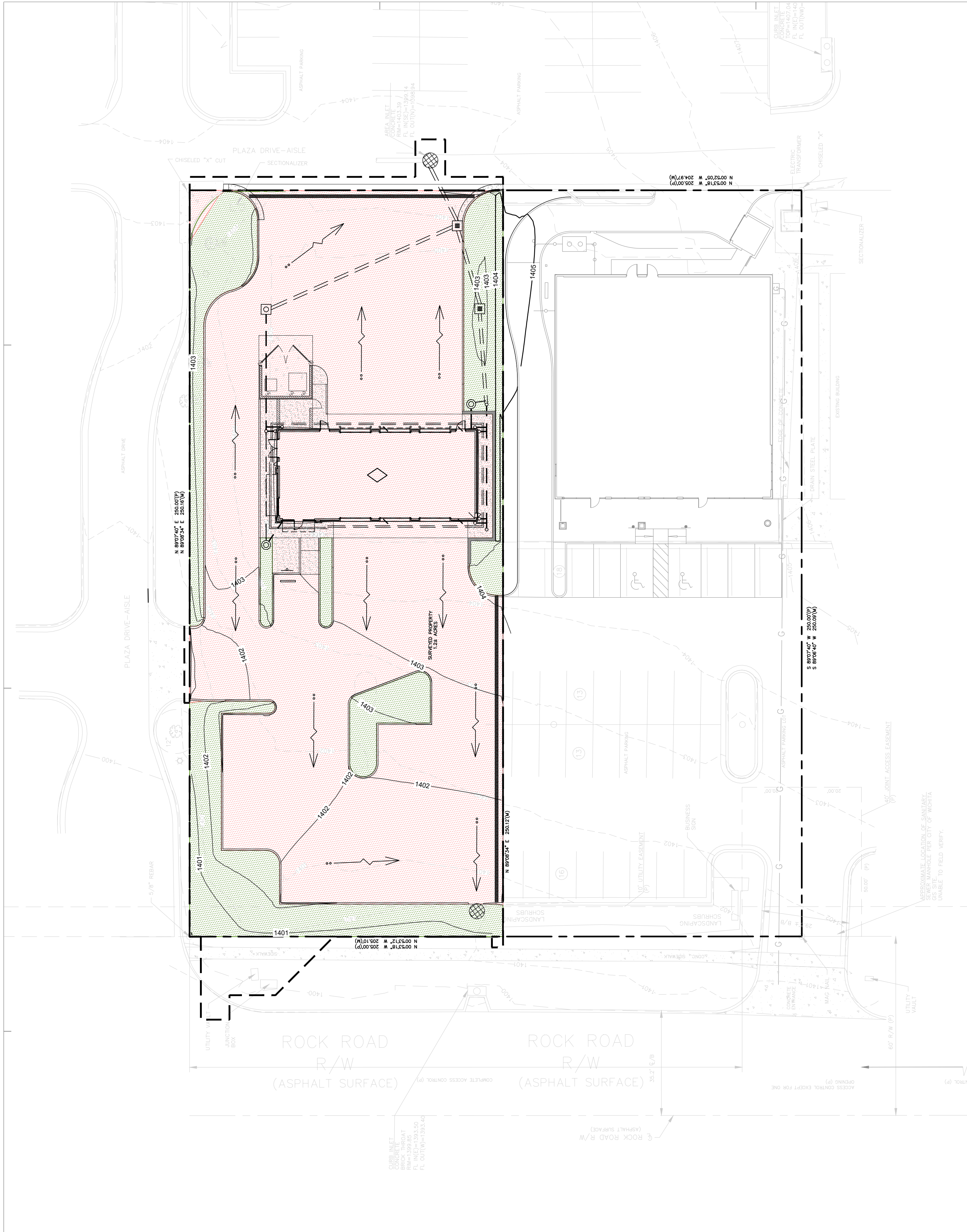
DANIEL RYAN GILL
LICENSED
24650
KANSAS
PROFESSIONAL ENGINEER

PROJECT NUMBER	06-21-20020
PROFESSIONAL IN CHARGE	KK
PROJECT MANAGER	WFM
QUALITY CONTROL	MPB
DRAWN BY	
Drawing Title:	

DRAINAGE PLAN & PROFILE



Drawing Name: C:\Users\jgibson\OneDrive\Documents\Projects\06-21-20020\06-21-20020-DRG-POST-DRAINAGE PLAN.dwg Plot Date: 10/16/2022 10:05:22 AM Plot By: jgibson



EXISTING LEGEND:

- HC Handicap Sign
- A/C A/C Unit
- LP Light Pole
- ET Electrical Transformer
- EB Electrical Box
- EM Electric Meter
- PP Power Pole
- GW Guy Wire
- AT AT&T Marker
- CO Clean Out
- GM Gas Meter
- WM Water Meter
- GAS GAS Gas Line
- OHE OHE Overhead Electric Line
- UGE UGE Underground Electric Line
- EXSS EXSS Sanitary Sewer Line
- SWS SWS Stormwater Sewer Line
- AT&T AT&T Telephone Line
- WTR WTR Water Line
- FO FO Underground Fiber Optic Line

PROPOSED LEGEND:

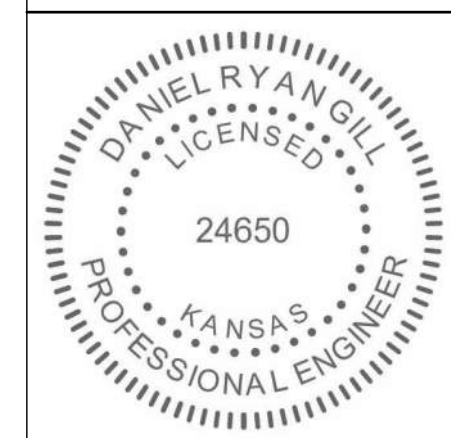
- PROPERTY LINE
- - - - - PROPOSED CONTOUR
- - - - - PROPOSED STORM SEWER PIPE
- - - - - PROPOSED ROOF/ FOUNDATION DRAIN
- ○ ○ PROPOSED DRAINAGE STRUCTURES
- PROPOSED 6" DETACHED CONCRETE CURB
- DRAINAGE DIRECTION
- - - - - DRAINAGE BASIN BOUNDARY
- 1-0 DRAINAGE BASIN ID
- 0.60 DRAINAGE BASIN AREA (0.60 ACRE)
- PERVIOUS AREA (LANDSCAPE) = 5384 FT² (0.12 AC.)
- IMPERVIOUS AREA (ASPHALT, BUILDING FOOTPRINT, DRIVE THRU ISLAND CANOPY, CONCRETE SIDEWALKS) = 20752 FT² (0.48 AC.)

HARRISON FRENCH & ASSOCIATES, LTD
HFA
Creative Solutions
Meaningful Places
 1705 S WALTON BLVD., SUITE 3
 BENTONVILLE, ARKANSAS 72712
 T 479.273.7780
 F 888.520.9685
 WWW.HFA-AE.COM

COPYRIGHT NOTICE
 This drawing is the property of the above referenced Professional and is not to be used for any purpose other than the specific project and site named herein, and cannot be reproduced in any manner without the express written permission from the Professional.

Date	Issued Record
02/24/2022	OWNER REVIEW SET
04/15/2022	PERMIT SET
10/06/2022	IMAGE REVISION 1

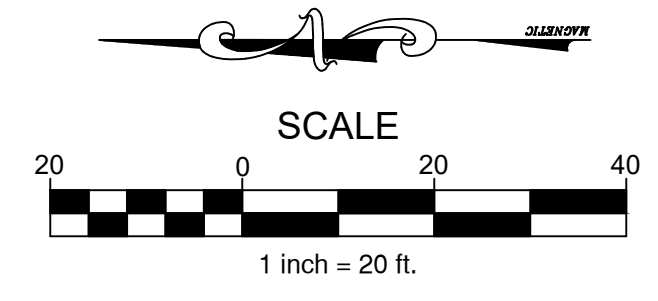
Valvoline
Instant Oil Change
VALVOLINE INSTANT OIL CHANGE
 3130 N ROCK ROAD
 WICHITA, KS 67226



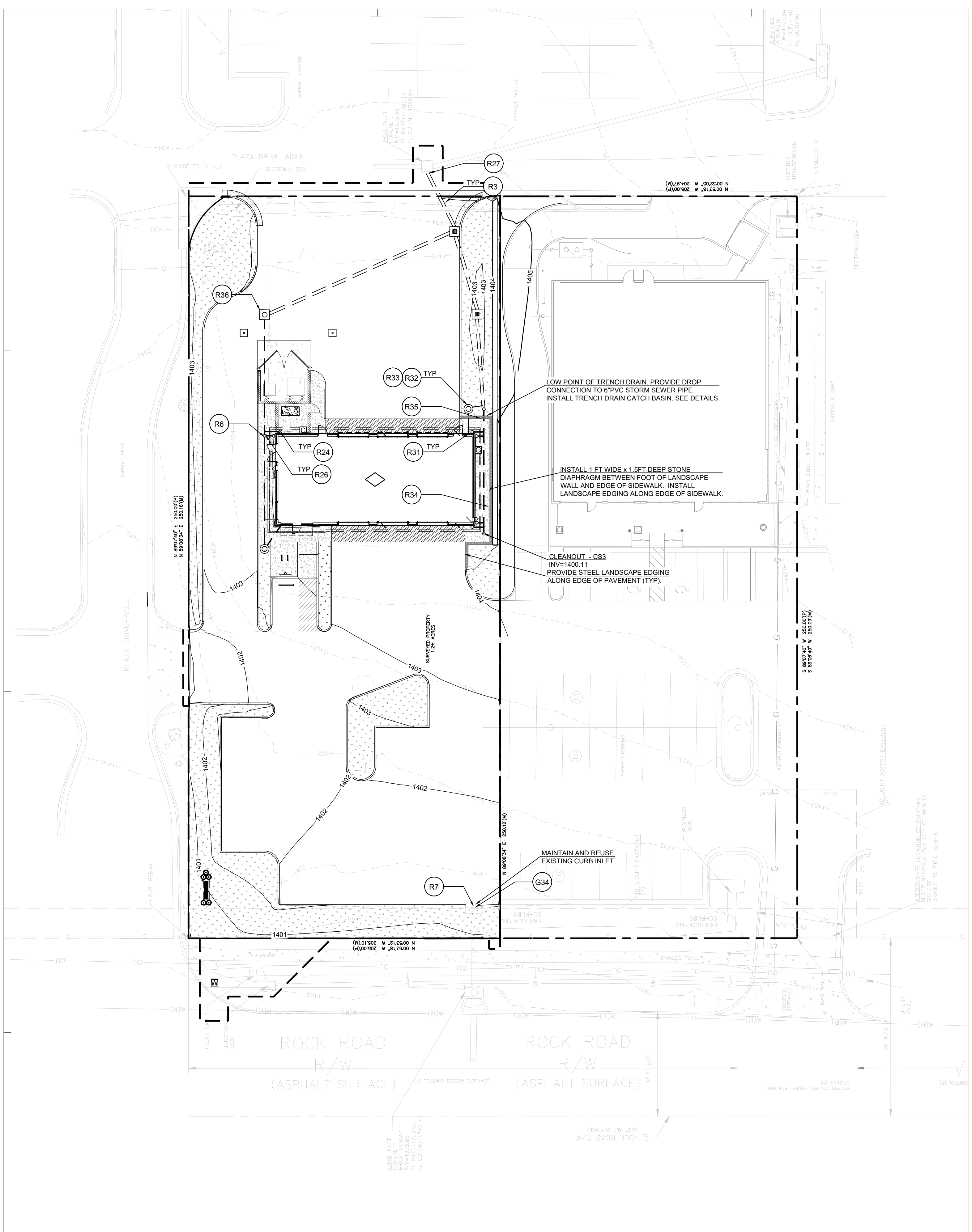
PROJECT NUMBER
06-21-20020
 PROFESSIONAL IN CHARGE
DRG
 PROJECT MANAGER
KK
 QUALITY CONTROL
WFM
 DRAWN BY
MPB
 Drawing Title:

POST-DRAINAGE PLAN

Drawing No.
C-4.1



Drawing Name: C:\Users\jgibson\OneDrive\Desktop\Projects\20020\06-21-20020-DRG-DRAINAGE PLAN.dwg Date: 06/15/2022 10:06:20 AM



EXISTING LEGEND:

- | | | | |
|----|------------------------|----------|------------------------------|
| HC | Handicap Sign | — GAS — | Gas Line |
| AC | A/C Unit | — OHE — | Overhead Electric Line |
| LP | Light Pole | — UGE — | Underground Electric Line |
| ET | Electrical Transformer | — EXSS — | Sanitary Sewer Line |
| EB | Electrical Box | — SWS — | Stormwater Sewer Line |
| EM | Electric Meter | — AT&T — | Telephone Line |
| PP | Power Pole | — WTR — | Water Line |
| GW | Guy Wire | — FO — | Underground Fiber Optic Line |
| AT | AT&T Marker | | |
| CO | Clean Out | | |
| GM | Gas Meter | | |
| WM | Water Meter | | |

PROPOSED LEGEND:

- | | |
|------------|---|
| --- | PROPERTY LINE |
| XXXX | PROPOSED CONTOUR |
| == | PROPOSED STORM SEWER PIPE |
| --- | PROPOSED ROOF/ FOUNDATION DRAIN |
| ↘ | DRAINAGE SLOPE AND DIRECTION |
| FG XXXX | FINISHED GRADE |
| + TC XXXX | TOP OF CURB |
| + G XXXX | GUTTER |
| + TC XXXX | TOP OF CURB |
| + RIM XXXX | RIM ELEVATION |
| + RIM XXXX | RIM ELEVATION |
| + FFE XXXX | FINISHED FLOOR ELEVATION |
| --- | PROPOSED 6" DETACHED CONCRETE CURB |
| ○ | PROPOSED SITE LIGHT, SEE PHOTOMETRIC PLAN |
| ○ | PROPOSED DRAINAGE STRUCTURES |
| □ | PROPOSED SEWER CLEANOUT (SEE UTILITY PLAN) |
| ↑ | PROPOSED SIGN (SEE CIVIL DETAILS) |
| ↑ | PROPOSED PAVEMENT MARKINGS (SEE PAVING PLAN AND PAVING DETAILS) |
| □ | PROPOSED UTILITY CONNECTIONS (SEE UTILITY PLAN) |

DRAINAGE KEY NOTES

- R3 STORM SEWER (SEE NOTE FOR TYPE, SIZE AND SLOPE)
- R6 STORM SEWER EXTERIOR CLEAN-OUT. REFER TO PLUMBING SHEET FOR DETAIL.
- R7 EXISTING CURB INLET
- R10 GRATE INLET. SEE NOTE FOR GRATE TYPE. REFER TO DETAIL ON C-7.2.
- R24 DOWN SPOUTS PER ARCH. PLANS (SEE DETAIL ON C-7.2)
- R26 CONNECT DOWN SPOUTS UNDERGROUND TO STORM PIPE (SEE NOTE FOR NUMBER AND SIZE)
- R27 CONNECT TO EXISTING STORM DRAIN PIPE, MANHOLE, STUB-OUT, OR INLET. (CONTRACTOR TO FIELD VERIFY LOCATION AND ELEVATION)
- R31 REFER TO PLUMBING PLAN FOR FOUNDATION DRAIN DESIGN
- R32 REFER TO PLUMBING PLAN FOR SUMP PUMP DESIGN
- R33 REFER TO PLUMBING PLAN DETAILS AND GRADING PLAN FOR FOUNDATION SUMP PUMP MANHOLE DETAIL.
- R34 1FT WIDE X 1.5 FT DEEP STONE DIAPHRAGM. PROVIDE 2" MINUS, WASHED STONE. INSTALL FILTER FABRIC ALONG BOTOM AND VERTICAL WALLS OF TRENCH.
- R35 TRENCH DRAIN CATCH BASIN. POLYDRAIN PD-2610 OR EQUAL. SEE DETAIL ON SHEET C7.2.
- R36 JUNCTION BOX. SEE DETAIL C7.2

HARRISON FRENCH & ASSOCIATES, LTD

HFA
Creative Solutions
Meaningful Places

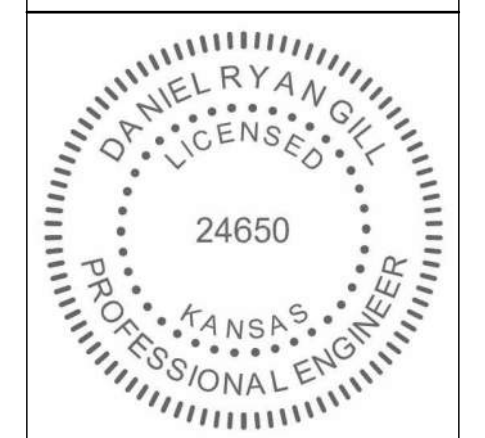
1703 S WALTON BLVD., SUITE 3
BENTONVILLE, ARKANSAS 72712
T 479.273.7780
F 888.520.9685
WWW.HFA-AE.COM

COPYRIGHT NOTICE
This drawing is the property of the above referenced Professional and is not to be used for any purpose other than the specific project and site named herein, and cannot be reproduced in any manner without the express written permission from the Professional

Date	Issued Record
02/26/2022	OWNER REVIEW SET
04/15/2022	PERMIT SET
10/05/2022	IMAGE REVISION 1

Valvoline Instant Oil Change

VALVOLINE INSTANT OIL CHANGE
3130 N ROCK ROAD
WICHITA, KS 67226



PROJECT NUMBER
06-21-20020

PROFESSIONAL IN CHARGE
DRG

PROJECT MANAGER
KK

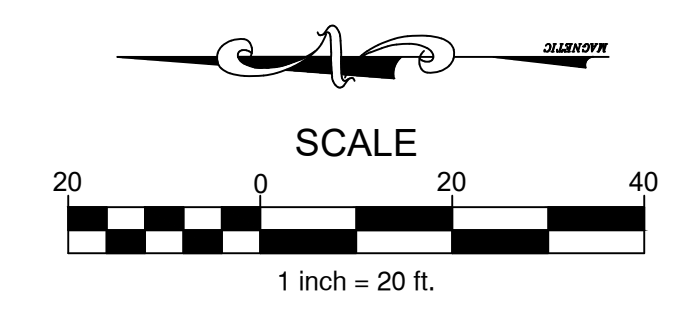
QUALITY CONTROL
WFM

DRAWN BY
MPB

Drawing Title:

DRAINAGE PLAN

Drawing No. **C-4.2**



Date	Issued Record	OWNER REVIEW SET	PERMIT SET	IMAGE REVISION 1
8/24/2022				
9/15/2022				
10/05/2022				

VALVOLINE INSTANT OIL CHANGE
3130 N ROCK ROAD
WICHITA, KS 67226



PROJECT NUMBER	06-21-20020
PROFESSIONAL IN CHARGE	DRG
PROJECT MANAGER	KK
QUALITY CONTROL	WFM
DRAWN BY	MPB
Drawing Title:	
Drawing No.	C-5.0

GENERAL EROSION NOTES

- ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH STORM WATER POLLUTION PREVENTION SHALL OBTAIN A COPY OF THE STORM WATER POLLUTION PREVENTION PLAN AND THE STATE OF KANSAS PERMIT FOR STORM WATER DISCHARGES AND BECOME FAMILIAR WITH THEIR CONTENTS.
- THE TEMPORARY PARKING AND STORAGE AREA SHALL ALSO BE USED AS THE EQUIPMENT MAINTENANCE AREA, EQUIPMENT CLEANING AREA, EMPLOYEE BREAK AREA, AND AREA FOR LOCATING PORTABLE FACILITIES, OFFICE TRAILERS, AND TOILET FACILITIES. THE EXACT LOCATIONS SHALL BE COORDINATED WITH THE OWNERS CONSTRUCTION MANAGER.
- ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING, EQUIPMENT CLEANING, ETC.) SHALL BE DISPOSED OF IN A MANNER THAT PREVENTS CONTACT BETWEEN THESE MATERIALS AND STORM WATER THAT IS DISCHARGED FROM THE SITE.
- MAINTAIN ON THE SITE OR HAVE READILY AVAILABLE SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLotation BOOMS TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS.
- DUST ON THE SITE SHALL BE CONTROLLED BY SPRAYING WATER ON DRY AREAS OF THE SITE. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.
- NO RUBBISH, TRASH, GARBAGE, OR OTHER SUCH MATERIALS SHALL BE DISCHARGED INTO DRAINAGE DITCHES OR WATERS OF THE STATE.
- ALL STORM WATER POLLUTION PREVENTION MEASURES PRESENTED ON THIS PLAN, AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE INITIATED AS SOON AS PRACTICABLE.
- NEW OR AFFECTED CUT OR FILLED SLOPES MUST BE AT AN ANGLE THAT CAN BE RETAINED BY VEGETATIVE COVER, AND MUST BE PROVIDED WITH A GROUND COVER SUFFICIENT TO RETAIN EROSION WITHIN 21 CALENDAR DAYS OF COMPLETION OF ANY PHASE (ROUGH OR FINAL) OF GRADING.
- A PERMANENT GROUND COVER, SUFFICIENT TO RESTRAIN EROSION, MUST BE PROVIDED WITHIN THE SHORTER OF 15 WORKING OR 90 CALENDAR DAYS (IF IN A HIGH QUALITY ZONE, THE SHORTER OF 15 WORKING OR 60 CALENDAR DAYS) AFTER COMPLETION OF CONSTRUCTION OR DEVELOPMENT ON ANY PORTION OF THE TRACT.
- IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCES IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES ENTER A PUBLIC ROAD. IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE. THE EXACT LOCATIONS SHALL BE COORDINATED WITH THE OWNERS CONSTRUCTION MANAGER.
- ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.
- IF SOIL STOCKPILING IS EMPLOYED ON THE SITE, SILT FENCES SHALL BE USED TO HELP CONTAIN THE SEDIMENT.
- SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.
- SEDIMENT BASINS ARE ATTRACTIVE TO CHILDREN AND CAN BE VERY DANGEROUS. IN ALL CASES, LOCAL ORDINANCES AND REGULATIONS REGARDING HEALTH AND SAFETY MUST BE ADHERED TO.
- ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE DISPOSED OF WITHIN 30 DAYS AFTER FINAL STABILIZATION HAS OCCURRED WHEN ALL SOIL DISTURBING ACTIVITIES ARE COMPLETED AND A UNIFORM PERENNIAL VEGETATIVE COVER WITH A DENSITY OF 70% OF THE COVER FOR UNPAVED AREAS AND AREAS NOT COVERED BY PERMANENT STRUCTURES HAS BEEN EMPLOYED.
- DUE TO THE GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION CONTROL MEASURES (SILT FENCES, SILT DIKES, ETC.) TO HELP PREVENT EROSION AND STORM WATER POLLUTION.
- ALL OFF-SITE CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH WORKING DAY. THIS INCLUDES BACKFILLING OF TRENCHES FOR STORM DRAINS & UTILITY CONSTRUCTION AND PLACEMENT OF GRAVEL OR BITUMINOUS PAVING FOR ROAD CONSTRUCTION.

BMP MAINTENANCE NOTES

- ALL MEASURES STATED ON THIS SITE MAP, AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON IN ACCORDANCE WITH THE CONTRACT DOCUMENTS OR THE APPLICABLE PERMIT, WHICHEVER IS MORE STRINGENT, AND REPAIRED IN ACCORDANCE WITH THE FOLLOWING:
- INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING OR DETERIORATION.
 - ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED, AND RESEED AS NEEDED.
 - SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES ONE-HALF OF THE SILT FENCE.
 - THE VEHICLE TRACKING CONTROL SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION EXITS AS CONDITIONS DEMAND.
 - THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AREA AS CONDITIONS DEMAND.
 - PRIOR TO LEAVING THE SITE, ALL VEHICLES SHALL BE CLEANED OF DEBRIS. ANY DEBRIS AND/OR SEDIMENT REACHING THE PUBLIC STREET SHALL BE CLEANED IMMEDIATELY BY A METHOD OTHER THAN FLUSHING.

EXISTING LEGEND:

- | | | | |
|------------------------|------|------|------------------------------|
| Handicap Sign | GAS | GAS | Gas Line |
| A/C Unit | CHE | OHE | Overhead Electric Line |
| Light Pole | UGE | UGE | Underground Electric Line |
| Electrical Transformer | EXSS | EXSS | Sanitary Sewer Line |
| Electrical Box | SWS | SWS | Stormwater Sewer Line |
| Electric Meter | AT&T | AT&T | Telephone Line |
| Power Pole | WTR | WTR | Water Line |
| Guy Wire | FO | FO | Underground Fiber Optic Line |
| AT&T Marker | | | |
| Clean Out | | | |
| Gas Meter | | | |
| Water Meter | | | |

PROPOSED

- | | |
|--------|---|
| --- -- | PROPERTY LINE |
| ----- | CONTOUR ELEVATIONS |
| ----- | LIMIT OF DISTURBED AREA |
| ----- | CONSTRUCTION ENTRANCE |
| ----- | SEDIMENTATION/SILT FENCE. SEE KEY NOTES. |
| ----- | INLET PROTECTION. SEE KEY NOTES AND DETAILS. |
| ----- | TEMPORARY STORAGE AND STABILIZED STAGING AREA |

PROJECT INFORMATION

THE PROPOSED PROJECT WILL CONSTRUCT A VEHICLE SERVICE STATION CONSISTING OF A 2,000 S.F. BUILDING AND ASSOCIATED PARKING AREA.
ACREAGE OF SITE IS 2.00 ACRES.
DISTURBED ACREAGE OF SITE (INCLUDING OFF-SITE WORK) IS 0.20 ACRES.
ANTICIPATED CONSTRUCTION START DATE IS XXXXX XXXXXX AND COMPLETION DATE IS XXXXXX XXXX.
VALVOLINE'S CONTRACTOR TO TAKE APPROPRIATE MEASURES TO KEEP SEDIMENT FROM ESCAPING SITE AND ALL ACCUMULATED SEDIMENT SHALL BE CLEANED OUT AND REMOVED FROM SITE.

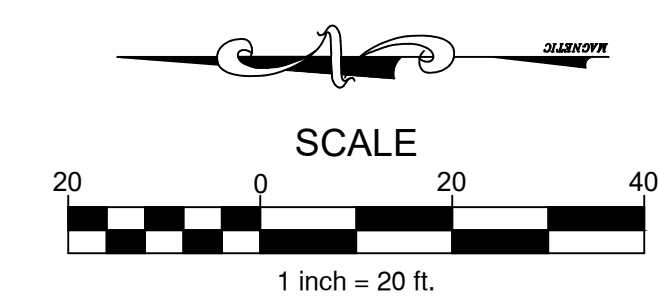
SEQUENCE OF CONSTRUCTION

- PHASE I**
- INSTALL STABILIZED CONSTRUCTION ENTRANCES.
 - PREPARE TEMPORARY PARKING AND STORAGE AREA.
 - CONSTRUCT THE SILT FENCES ON THE SITE.
 - INSTALL ALL PERIMETER SEDIMENT MEASURES.
 - INSTALL ALL TEMPORARY EROSION & SEDIMENT CONTROLS AS NEEDED.
- PHASE II**
- BEGIN DEMOLISHING SITE.
 - BEGIN GRADING THE SITE.
 - START CONSTRUCTION OF BUILDING PAD AND STRUCTURES.
 - TEMPORARILY SEED DENUEDED AREAS.
 - INSTALL UTILITIES, UNDERDRAINS, STORM SEWERS.
 - INSTALL INLET/FLUME PROTECTION DEVICES.
 - PREPARE SITE FOR PAVING.
- PHASE III**
- PAVE SITE.
 - COMPLETE GRADING AND INSTALL PERMANENT SEEDING AND PLANTING, SODDING, AND PERMANENT MATTING BLANKET.
 - REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES (ONLY IF SITE IS STABILIZED).

KEY NOTES

- E6 EXISTING STRUCTURE TO BE PROTECTED DURING DEMOLITION AND CONSTRUCTION PHASES.
- E8 PROTECT STORM SEWER AREA INLET. SEE DETAIL ON SHEET C5.5.
- E9 PROTECT STORM SEWER CURB INLET. SEE DETAIL ON SHEET C5.5.
- E10 CONSTRUCTION ENTRANCE TO BE INSTALLED PRIOR TO CONSTRUCTION ACTIVITIES. SEE DETAIL.
- E11 SILT FENCE TO BE INSTALLED PRIOR TO CONSTRUCTION ACTIVITIES. SEE DETAIL 2 ON SHEET C.5.5.
- E12 STORAGE/STAGING AREA
- E13 SILT FENCE INSTALLATION AND CONDITION TO BE INSPECTED, ASSESSED, AND REPORTED ON TO THE CITY OF WICHITA OR ACTING RESIDENT ENGINEER. REPORTS TO BE MADE ON A WEEKLY BASIS TO MAINTAIN EROSION CONTROLS ALONG THE EASTERLY AND SOUTHERLY PROPERTY BOUNDARIES. SILT FENCING IS TO BE MAINTAINED THROUGHOUT ALL CONSTRUCTION ACTIVITIES. ANY SILT AND/OR SEDIMENT BUILD UP SHALL BE REMOVED AT CONTRACTOR'S EXPENSE IMMEDIATELY AND SILT FENCE SHALL BE RE-INSTALLED AS REQUIRED TO MAINTAIN EROSION CONTROLS.
- E14 INSTALL STRAW WATTLES/EROSION EELS

24 HR EMERGENCY CONTACT:
XXXX XXXX- XXX.XXX.XXXX



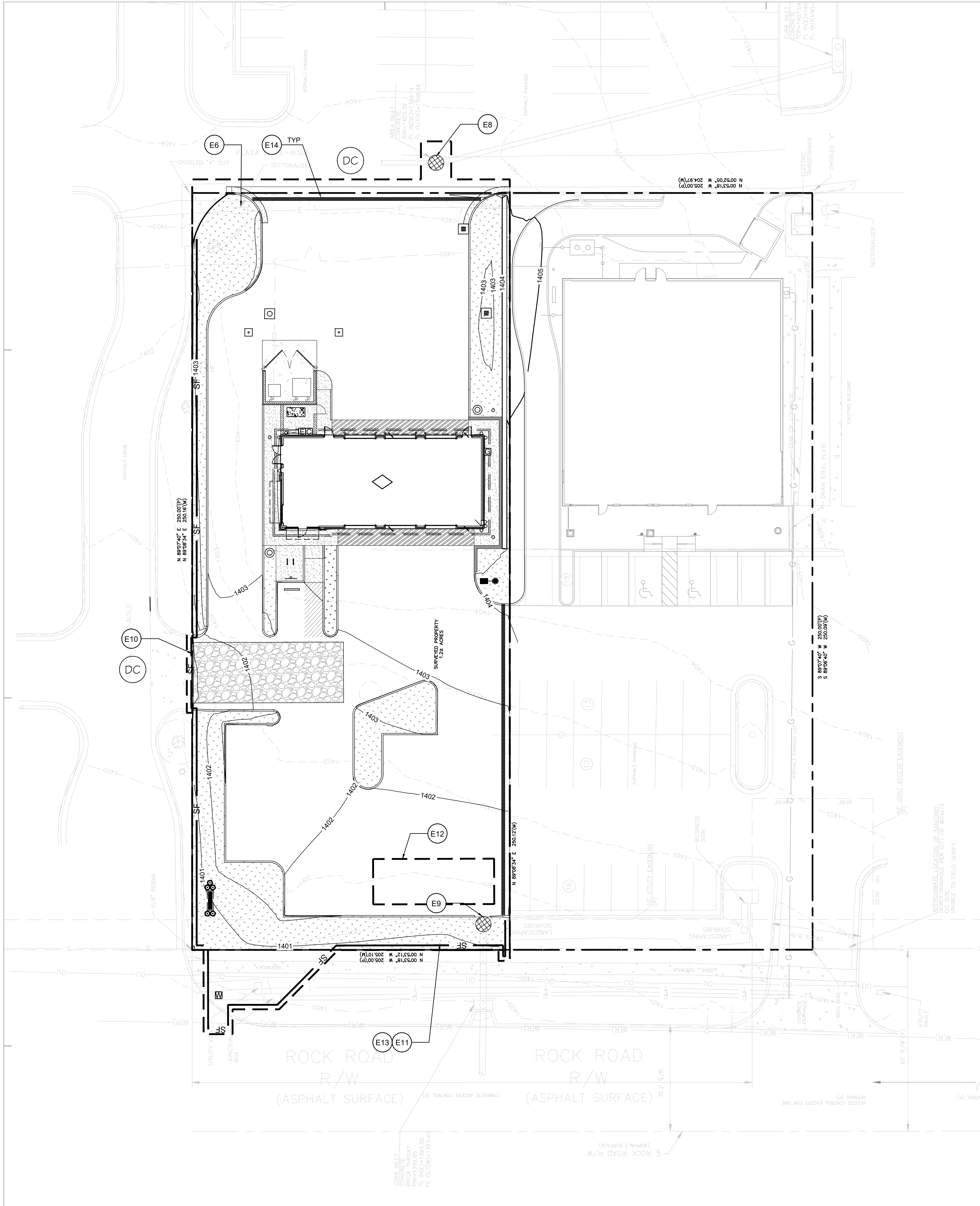
SOIL EROSION/SEDIMENTATION CONTROL OPERATION TIME SCHEDULE

NOTE: GENERAL CONTRACTOR TO COMPLETE TABLE WITH THEIR SPECIFIC PROJECT SCHEDULE

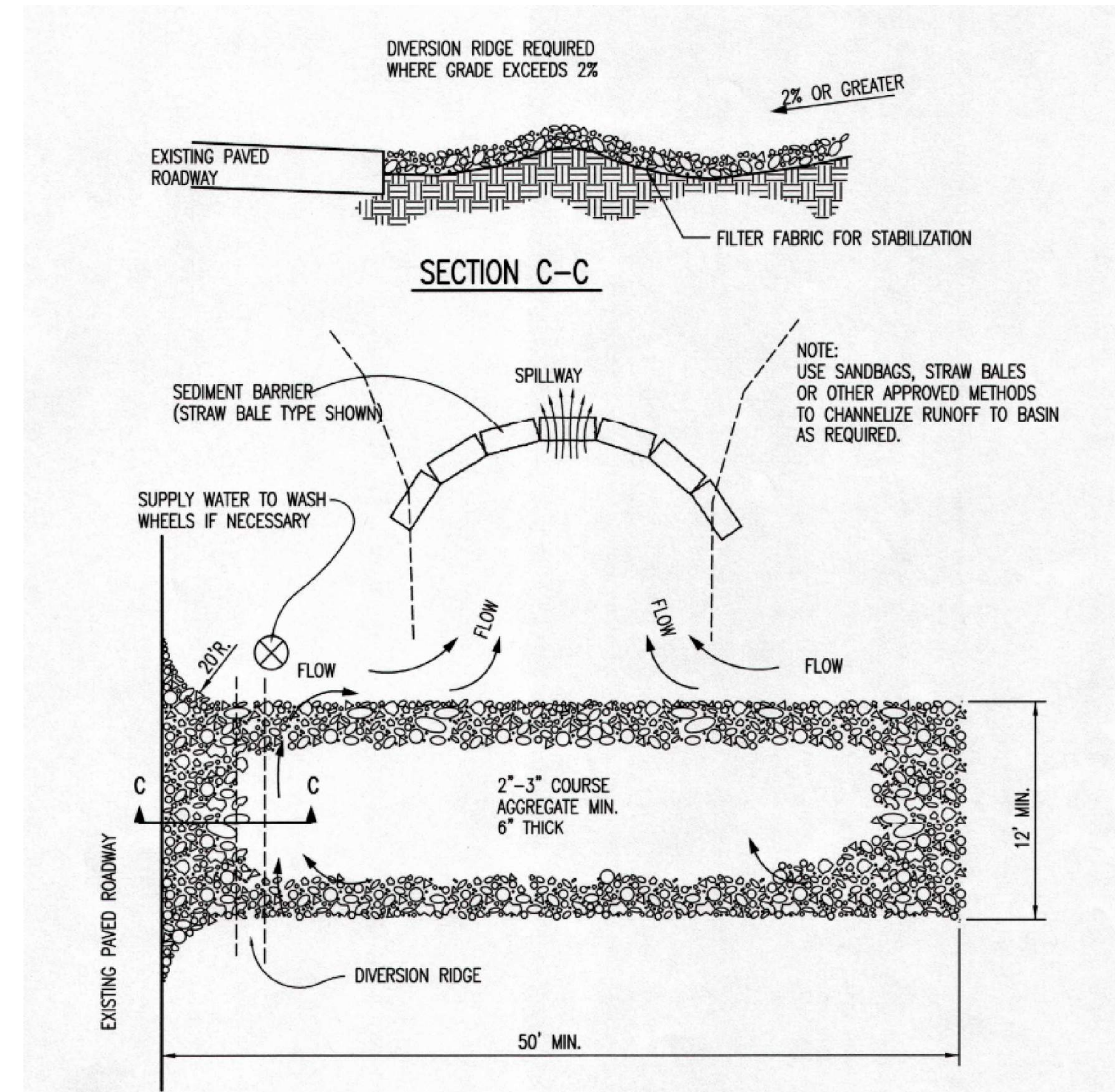
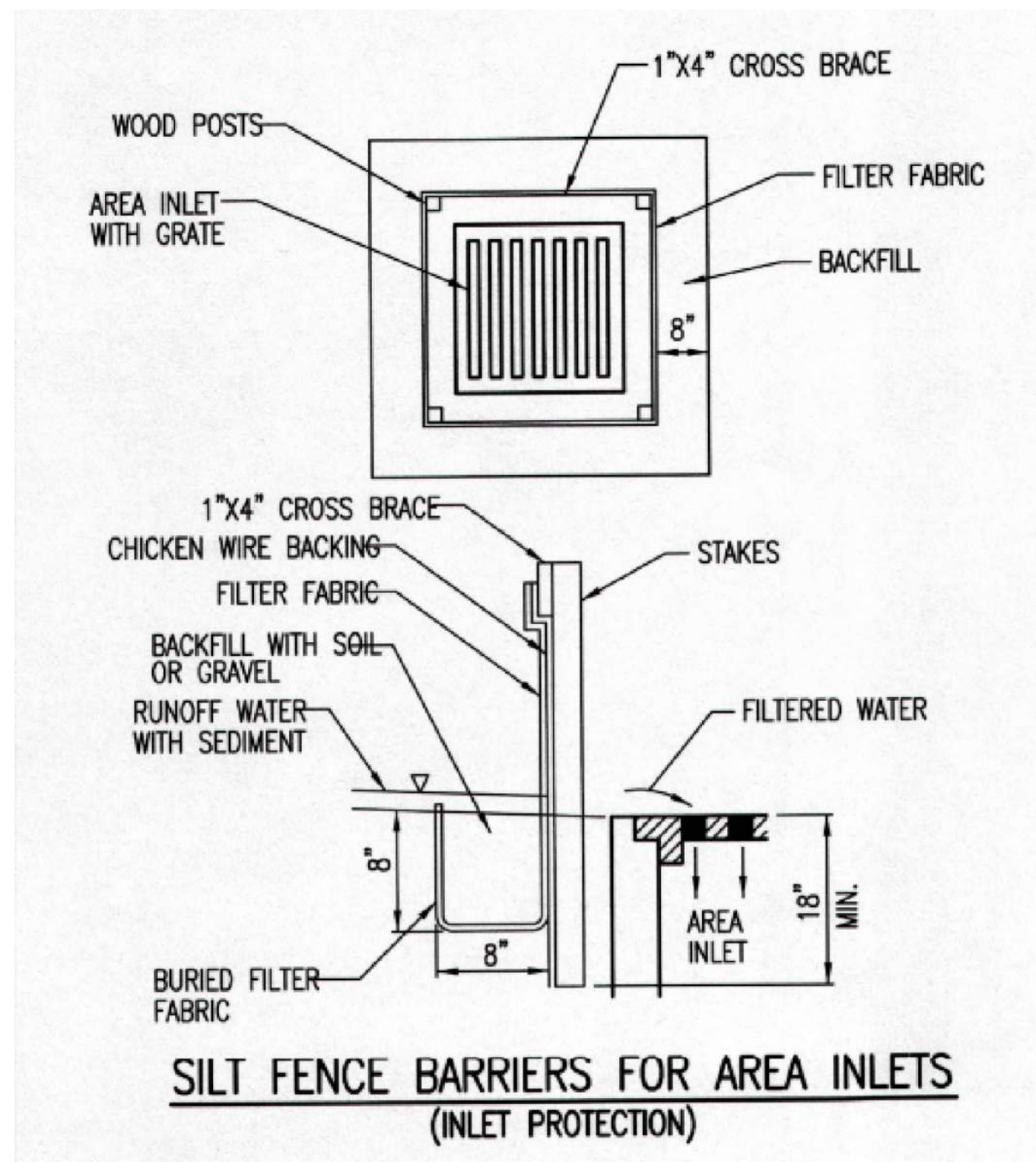
CONSTRUCTION SEQUENCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
TEMPORARY CONTROL MEASURES												
STRIP & STOCKPILE TOPSOIL												
STORM FACILITIES												
TEMPORARY CONSTRUCTION ROADS												
FOUNDATION / BUILDING CONSTRUCTION												
SITE CONSTRUCTION												
PERMANENT CONTROL STRUCTURES												
FINISH GRADING												
LANDSCAPING/SEED/FINAL STABILIZATION												

SURFACE STABILIZATION MEASURES

KEY	PRACTICE	DESCRIPTION	NOTES
DC	DUST CONTROL	Utilize dust control methods whenever there are offsite impacts, especially periods of drought until final stabilization is reached.	Phasing the project, vegetative cover, Mucil, sprinkling water, spray-on-adhesive, calcium chloride, barriers, etc.



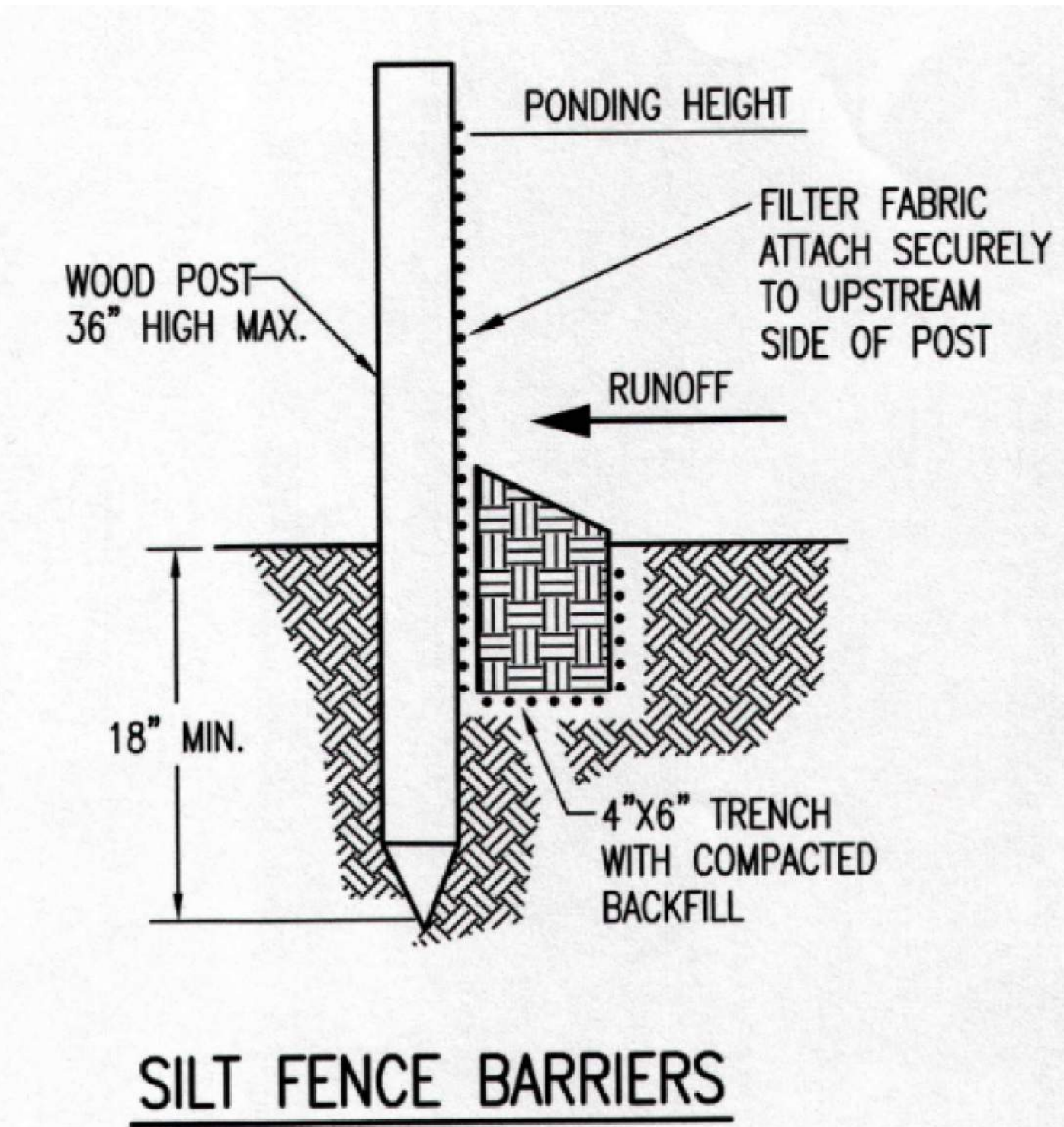
Issued Record	OWNER REVIEW SET
Date	PERMIT SET
02/24/2022	IMAGE REVISION 1
04/15/2022	
10/05/2022	



STABILIZED CONSTRUCTION ENTRANCE

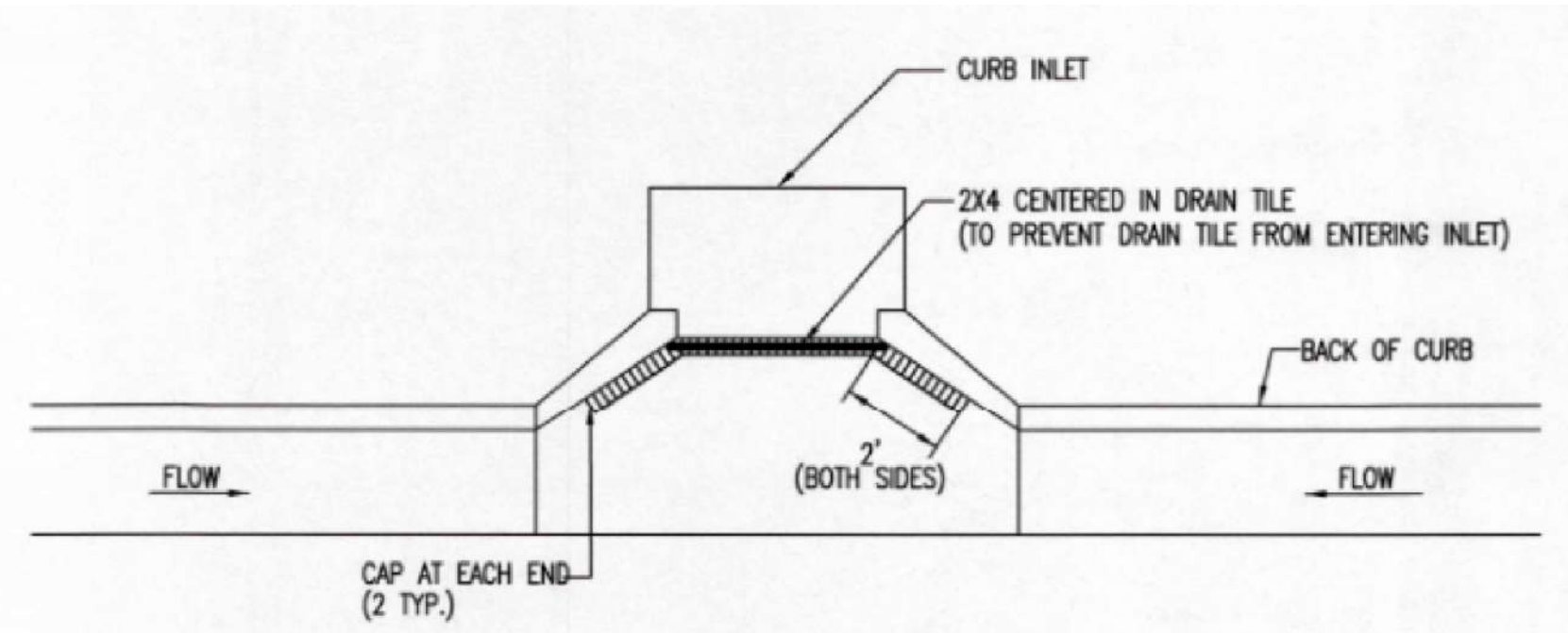
GENERAL NOTES

1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN, AS SHOWN ABOVE.
4. DRIVE ENTRANCES ONTO RESIDENTIAL LOTS WILL NOT BE REQUIRED TO HAVE THE SEDIMENT BARRIER SHOWN, BUT WHEEL WASHING MAY BE REQUIRED IF STABILIZED ENTRANCE IS NOT SUFFICIENT TO KEEP MUD FROM BEING TRACKED ONTO ADJACENT STREET. ENTRANCE SHALL EXTEND FROM BACK OF CURB TO DWELLING.



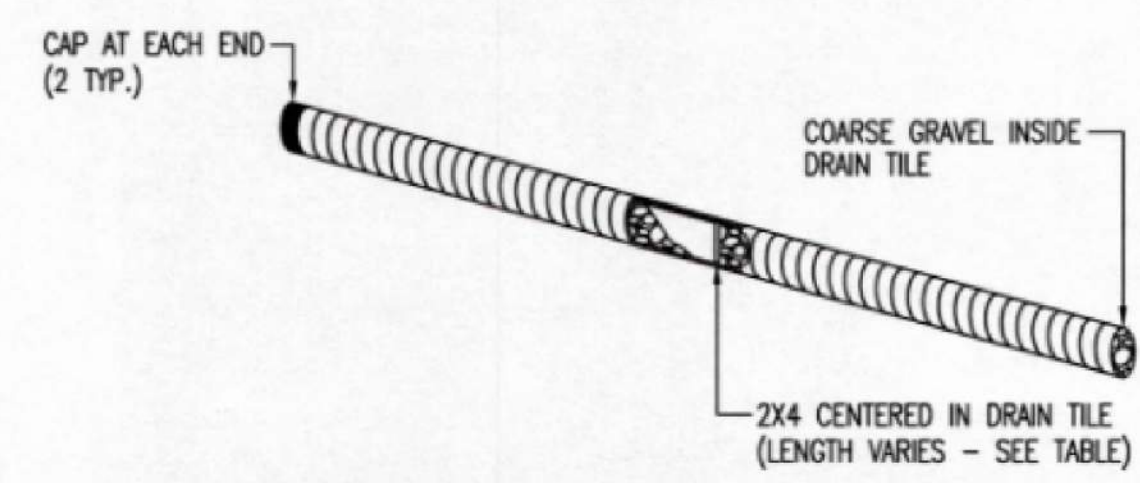
MATERIAL SPECIFICATION:

SILT FENCE FABRIC SHOULD CONFORM TO THE AASHTO M288 96 SILT FENCE SPECIFICATION. THE WIRE OR POLYMERIC MESH BACKING USED TO HELP SUPPORT THE SILT FENCE FABRIC SHOULD CONFORM TO THE AASHTO M288 96 SILT FENCE SPECIFICATION. THE POSTS USED TO SUPPORT THE SILT FENCE FABRIC SHOULD BE A HARDWOOD MATERIAL WITH THE FOLLOWING MINIMUM DIMENSIONS: 2" SQUARE (NOMINAL) BY 4" LONG. THE MATERIAL USED TO FRAME THE TOPS OF THE POSTS SHOULD BE 1" BY 4" BOARDS. SILT FENCE FABRIC AND SUPPORT BACKING SHOULD BE ATTACHED TO THE WOODEN POSTS AND FRAME WITH STAPLES, WIRE, ZIP TIES, OR NAILS.



NOTE:
PLACE 4" PERFORATED PVC PIPE, FILLED WITH 1/2"-1" DIA. GRAVEL, IN FRONT OF CURB INLET AS SHOWN.

2X4 LENGTH	INLET TYPE	INLET OPENING
5'-6"	1-A	5'-0"
10'-6"	1-A	10'-0"
15'-6"	1-A	15'-0"



CURB INLET PROTECTION
4" PERFORATED PIPE W/ GRAVEL

SHEET NOTES:

1. EROSION CONTROL TO BE PLACED AS PER THE CITY OF WICHITA PUBLIC WORKS. REFER TO EROSION CONTROL SW SERIES DETAILS FOR ADDITIONAL INFORMATION.

Valvoline
Instant Oil Change
VALVOLINE INSTANT OIL CHANGE
3130 N ROCK ROAD
WICHITA, KS 67226



PROJECT NUMBER
06-21-20020
PROFESSIONAL IN CHARGE
DRG
PROJECT MANAGER
KK
QUALITY CONTROL
WFM
DRAWN BY
MPB

Drawing Title:

EROSION CONTROL DETAILS

