AS BUILT PLAN
Contractor: APEX Excavating
Inspector: Larry Powell, Baughman Co.
As Builts by: KEK, 4/7/20

STORM SEWER IMPROVEMENTS

to serve

CAP Kellogg Storage Facility

530 S. Wildcat Lane

CITY OF WICHITA, KANSAS

Gary Janzen, P.E. City Engineer
Project Number
590 PPD (133119)

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
Westar Energy	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 Tom Mason 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, Brian Coon at traffic@wichita.gov before traffic@wichita.gov before 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 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.

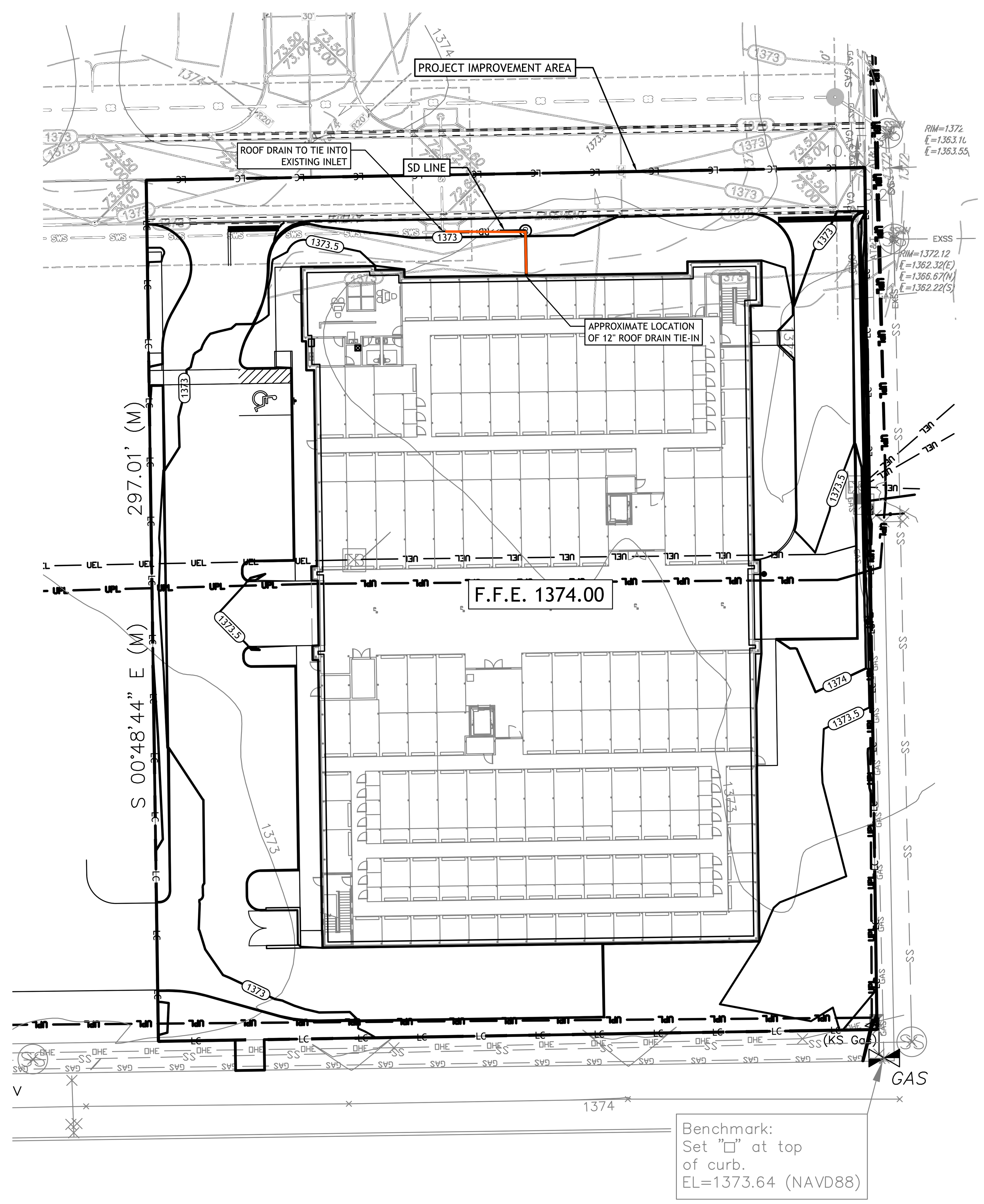
15. A portion of excess excavated material shall be mounded around manholes which extend more than one (1) foot above the existing ground. Such mound shall be constructed with new development a six (6) foot diameter flat top with 4 to 1 side slopes down to the original ground. The elevation of the flat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

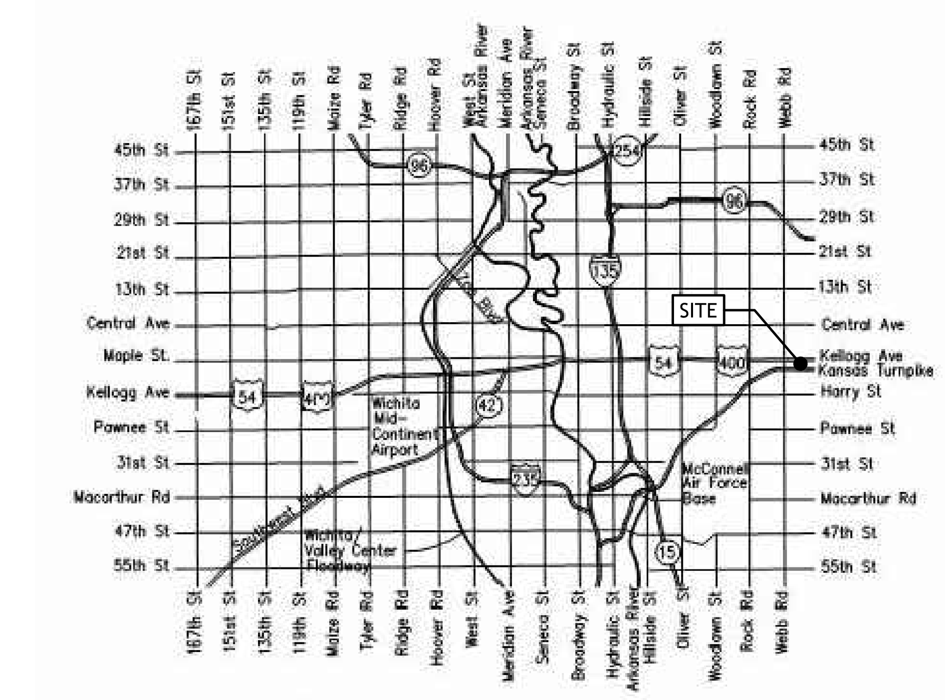
16. Geotechnical report available upon request.

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.





Vicinity Map

Benchmark

BM#1: City of Wichita Benchmark on Top of North Curb of Private Drive approx. 10' S. and approx. 24' W. of the SW corner of Lot 4A (Noted on Abbott Land Survey Plat)
Elev. = 1373.81'

BM#2: City of Wichita Benchmark on Top of North Curb of Private Drive approx. 10' S. and approx. 2' E. of the SE corner of Lot 4A (Noted on Abbott Land Survey Plat)
Elev. = 1373.64'

Sheet Index

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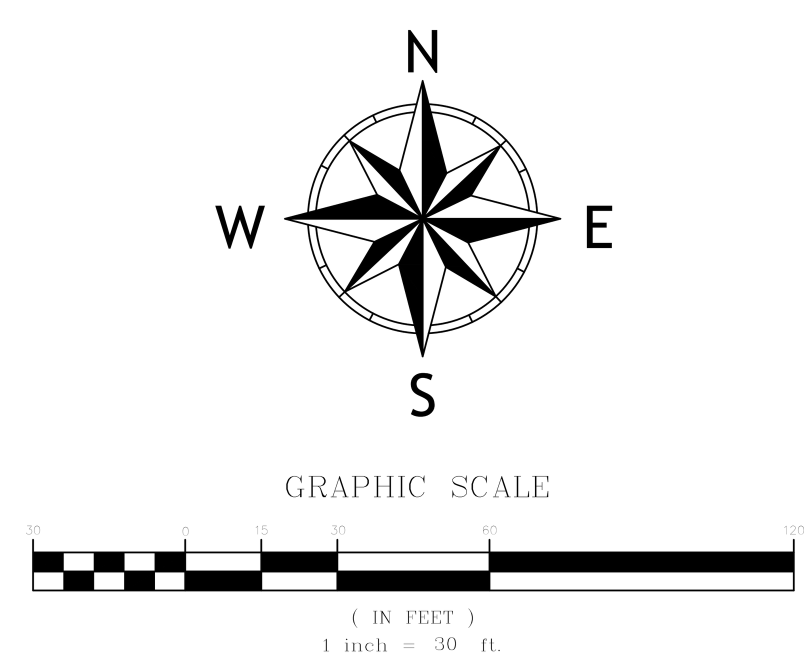
SD Line	2
Erosion Control/Grading Plan	3
Copy of Plat	4

*SWS and Erosion Control Details available at City of Wichita Website.



Stormwater Certification:

New Development or Redevelopment (Circle One)

Stormwater Permit # SW02019-0031

NOI Permit # S-AR94-1537

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) = 1.69
Disturbed Area (Acres) = 1.69
Water Quality Treatment: Off-Site BMP Program
Downstream Channel Protection: N/A
Detention: N/A
The BMP used for this development is See Erosion Control Plan

APPROVED AS NOTED
BY WICHITA PUBLIC WORKS ENGINEERING
AND STORMWATER DIVISION

Engineering APPROVED By Seth Gotchey at 4:10 pm, Jul 02, 2019

Stormwater APPROVED By Joe Hickle at 8:29 am, Jul 03, 2019

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.

Know what's **below.**
Call before you dig.

Project Number: 2018-129
DWG Name: 2018-129 PPD.dwg
Drawing Scale: as noted
Date of Project: 01/2019
Engineer of Record:
Christopher L. Price, P.E.
Kansas PE# 26582

blueWATER civil design
bluewater civil design, llc
718 Lowndes Hill Road • Greenville, SC 29607
www.bluewatercivil.com • info@bluewatercivil.com

Owner:
CAP Storage Pool 1, LLC
935 S. Main St. Ste 202
Greenville, SC 29601

CAP KELLOGG
INDOOR STORAGE FACILITY
Wildcat Lane & Kellogg Drive
Wichita, Kansas

06/11/2019

CHRISTOPHER LEIGH PRICE 26582 KANSAS PROFESSIONAL ENGINEER

Digitally signed by Christopher L. Price, P.E.
DN: C=US, E=chris@bluewatercivil.com, O="Bluewater Civil Design, LLC", CN="Christopher L. Price, P.E."
Date: 2019.07.12 13:30:47-04'00'

PLAN REVISION	ISSUE DATE	ISSUE COMMENT
A	05/22/19	Issued for Permit
B	06/11/19	Issued for Permit
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Title Sheet

1

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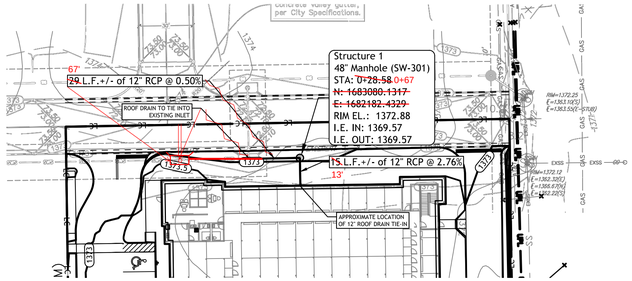
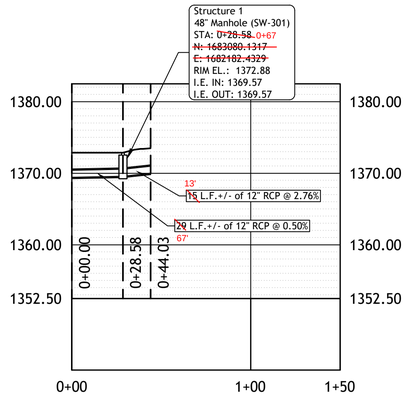
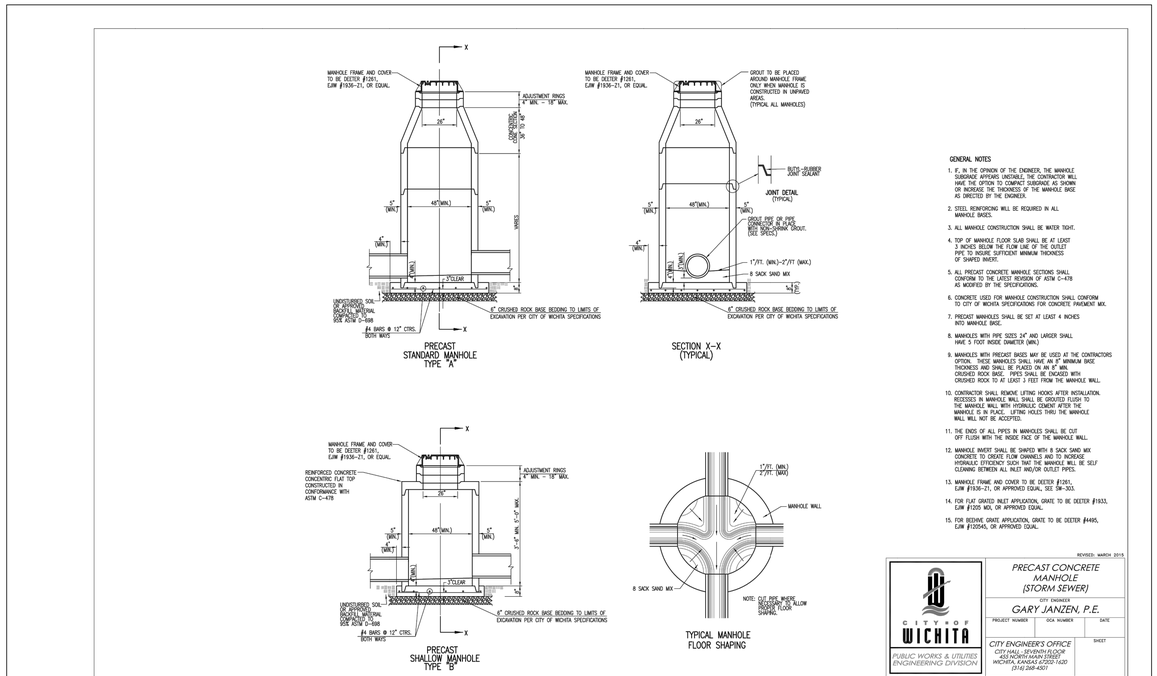




SD LINE
Horizontal Scale: 1" = 40'
Vertical Scale: 1" = 10'



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GRAPHIC SCALE
(IN FEET)
1 inch = 40 ft.

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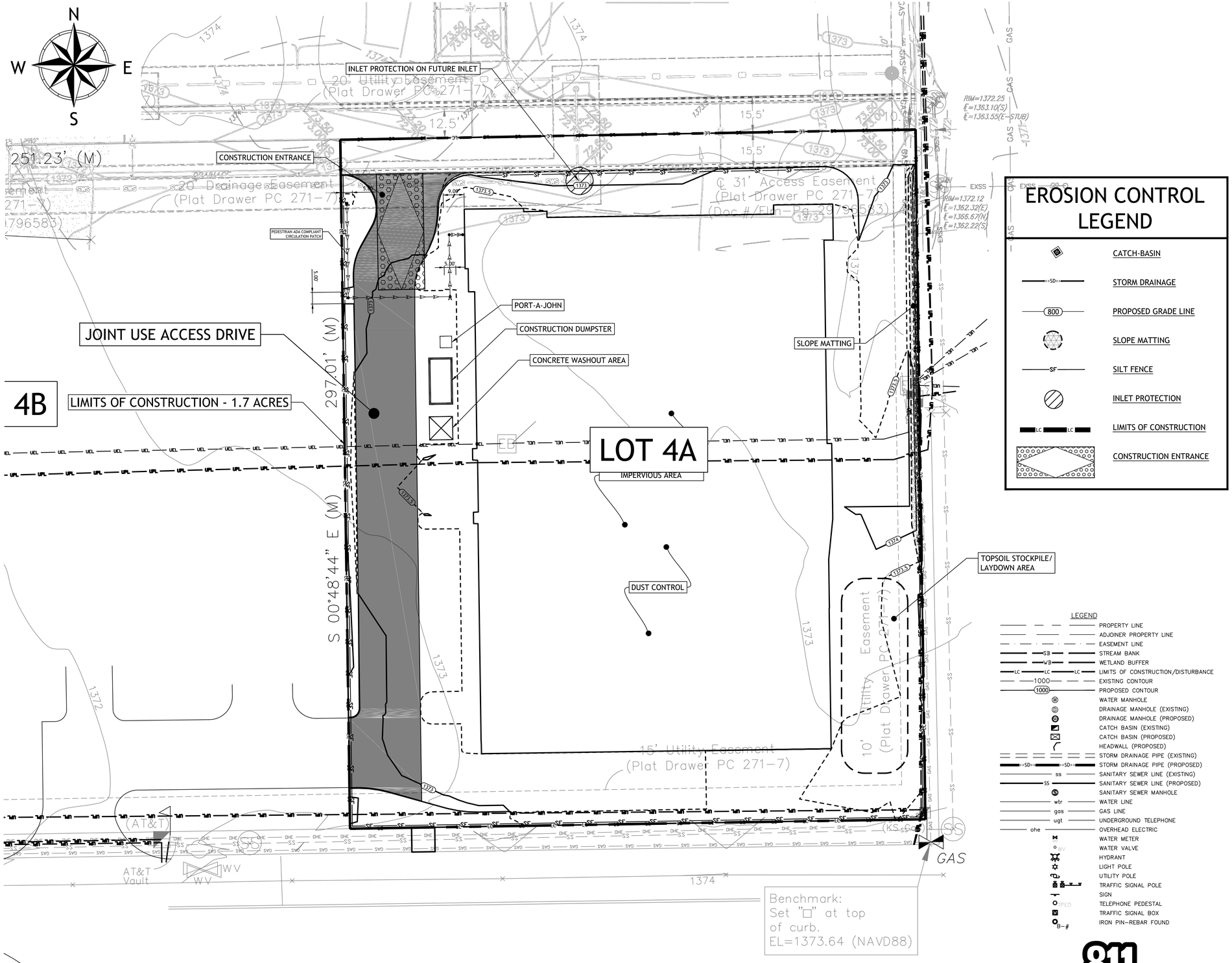
SD Line

2



EROSION CONTROL LEGEND

- CATCH-BASIN
- STORM DRAINAGE
- PROPOSED GRADE LINE
- SLOPE MATTING
- SILT FENCE
- INLET PROTECTION
- LIMITS OF CONSTRUCTION
- CONSTRUCTION ENTRANCE

LEGEND

- PROPERTY LINE
- ADJOINER PROPERTY LINE
- EASEMENT LINE
- STREAM BANK
- WETLAND BUFFER
- LIMITS OF CONSTRUCTION/DISTURBANCE
- EXISTING CONTOUR
- PROPOSED CONTOUR
- WATER MANHOLE
- DRAINAGE MANHOLE (EXISTING)
- DRAINAGE MANHOLE (PROPOSED)
- CATCH BASIN (EXISTING)
- CATCH BASIN (PROPOSED)
- HEADWALL (PROPOSED)
- STORM DRAINAGE PIPE (EXISTING)
- STORM DRAINAGE PIPE (PROPOSED)
- SANITARY SEWER LINE (EXISTING)
- SANITARY SEWER LINE (PROPOSED)
- SANITARY SEWER MANHOLE
- WATER LINE
- GAS LINE
- UNDERGROUND TELEPHONE
- OVERHEAD ELECTRIC
- WATER METER
- WATER VALVE
- HYDRANT
- LIGHT POLE
- UTILITY POLE
- TRAFFIC SIGNAL POLE
- SIGN
- TELEPHONE PEDESTAL
- TRAFFIC SIGNAL BOX
- IRON PIN-REBAR FOUND

Know what's **below.** **Call** before you dig.

DISTURBANCE NOTE:
STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICAL IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN FOURTEEN (14) DAYS AFTER WORK HAS CEASED.

SLOPE PROTECTION NOTE:
THE CONTRACTOR SHALL PROVIDE JUTE MATTING OR APPROVED EQUIVALENT ON ALL SLOPES 3:1 OR GREATER.

CONSTRUCTION TRAFFIC NOTE:
CONSTRUCTION TRAFFIC WILL BE USING STONE CONSTRUCTION ENTRANCES AND SHALL INSURE THAT THEY ARE NOT TRACKING SEDIMENT OFF-SITE. CONTRACTOR SHALL MONITOR AND CLEAN THE ROADWAY IF REQUIRED.

MAINTENANCE STATEMENT:
EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION CONTROL AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.

DUST CONTROL:
THE CONTRACTOR SHALL USE ALL REASONABLE MEANS (e.g. WATER TRUCK, TARPS, MULCH, GRASSING, ETC.) NECESSARY TO REDUCE DUST DURING DEMOLITION AND CONSTRUCTION.

HAZARDOUS MATERIALS NOTE:

A. THE CONTRACTOR MUST PREVENT OR MINIMIZE THE DISCHARGE OF HAZARDOUS SUBSTANCES OR OIL IN STORM WATER DISCHARGES FROM THE CONSTRUCTION SITE IN ACCORDANCE WITH THE SWPPP. THE GENERAL PERMIT FOR CONSTRUCTION ACTIVITIES DOES NOT RELIEVE THE CONTRACTOR OF THE FEDERAL REPORTING REQUIREMENTS OF 40 CFR PART 110, 40 CFR PART 117 AND 40 CFR PART 302 RELATING TO SPILLS OR OTHER RELEASES OF OILS OR HAZARDOUS SUBSTANCES.

B. WHERE A RELEASE CONTAINING A HAZARDOUS SUBSTANCE OR OIL IN AN AMOUNT EQUAL TO OR IN EXCESS OF A REPORTABLE QUANTITY ESTABLISHED UNDER EITHER 40 CFR PART 110, 40 CFR PART 117 OR 40 CFR PART 302, OCCURS DURING A 24-HOUR PERIOD:

1. THE CONTRACTOR MUST NOTIFY THE OKLAHOMA DEQ EMERGENCY RESPONSE SECTION AT 1-800-522-0206 AND THE NATIONAL RESPONSE CENTER (NRC) (800) 424-8802 IN ACCORDANCE WITH THE REQUIREMENTS OF 40 CFR PART 110, 40 CFR PART 117 AND 40 CFR PART 302 AS SOON AS SITE STAFF HAVE KNOWLEDGE OF THE DISCHARGE; AND
2. THE CONTRACTOR MUST MODIFY THE SWPPP AS REQUIRED UNDER WITHIN 14 CALENDAR DAYS OF KNOWLEDGE OF THE RELEASE TO: PROVIDE A DESCRIPTION OF THE RELEASE, THE CIRCUMSTANCES LEADING TO THE RELEASE, AND THE DATE OF THE RELEASE. IN ADDITION, THE CONTRACTOR MUST REVIEW THE SWPPP TO IDENTIFY MEASURES TO PREVENT THE REOCCURRENCE OF SUCH RELEASES AND TO RESPOND TO SUCH RELEASES, AND YOU MUST MODIFY THE SWPPP WHERE APPROPRIATE.

GENERAL EROSION CONTROL NOTE:
ALL EROSION CONTROL MEASURES SHALL BE INSTALLED AND APPROVED PRIOR ANY EQUIPMENT ENTERING SITE. BMP'S SHALL MAINTAINED PER ALL LOCAL, STATE, AND FEDERAL REGULATIONS AND STATE BMP MANUAL. THE CONTRACTOR SHALL REFERENCE THIS STORMWATER POLLUTION PREVENTION PLAN (SWPPP) FOR ALL EROSION CONTROL PROCEDURES ON SITE.

GRAPHIC SCALE
(IN FEET)
1 inch = 20 ft.

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Erosion Control/Grading Plan

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