

GENERAL NOTES:

- The Contractor shall comply with all applicable safety regulations. All construction shall be completed following current City Standard Specifications and Special Provisions.
- 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 1-800-594-8989
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
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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 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.
- All elevations shown are NAVD 88.
- All areas disturbed during construction that will not be under proposed pavement shall be restored to match existing conditions.

- 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.
- City maintenance of storm sewer ends at the last structure in the easement or right-of-way.
- 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.
- Geotechnical report available upon request.
- Contractor shall limit the extent of trench openings overnight and weekends to less than 50 feet.
- 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.
- 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.

Stormwater Certification:
Redevelopment

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 = 57,767 S.F. (±1.33 AC.)
Disturbed Area = 80,586 (±1.85 AC.)
Prop. Impervious Area = 40,896 (±0.94 AC.)

Site Detention Requirements:
A combination of underground chambers and a retention pond are used as one system in order to reduce peak runoff volume and flow rates below existing calculated rates. The underground chambers are privately owned and to be maintained by Chick-Fil-A. See approved Drainage Plan for Maple & Ridge Chick-Fil-A.

Water Quality Requirements:
Annual Water Quality fee to be provided in lieu of providing onsite water quality.

CFA Site Area = 1.0652
Channel Bank Protection: N/A

AS BUILTS

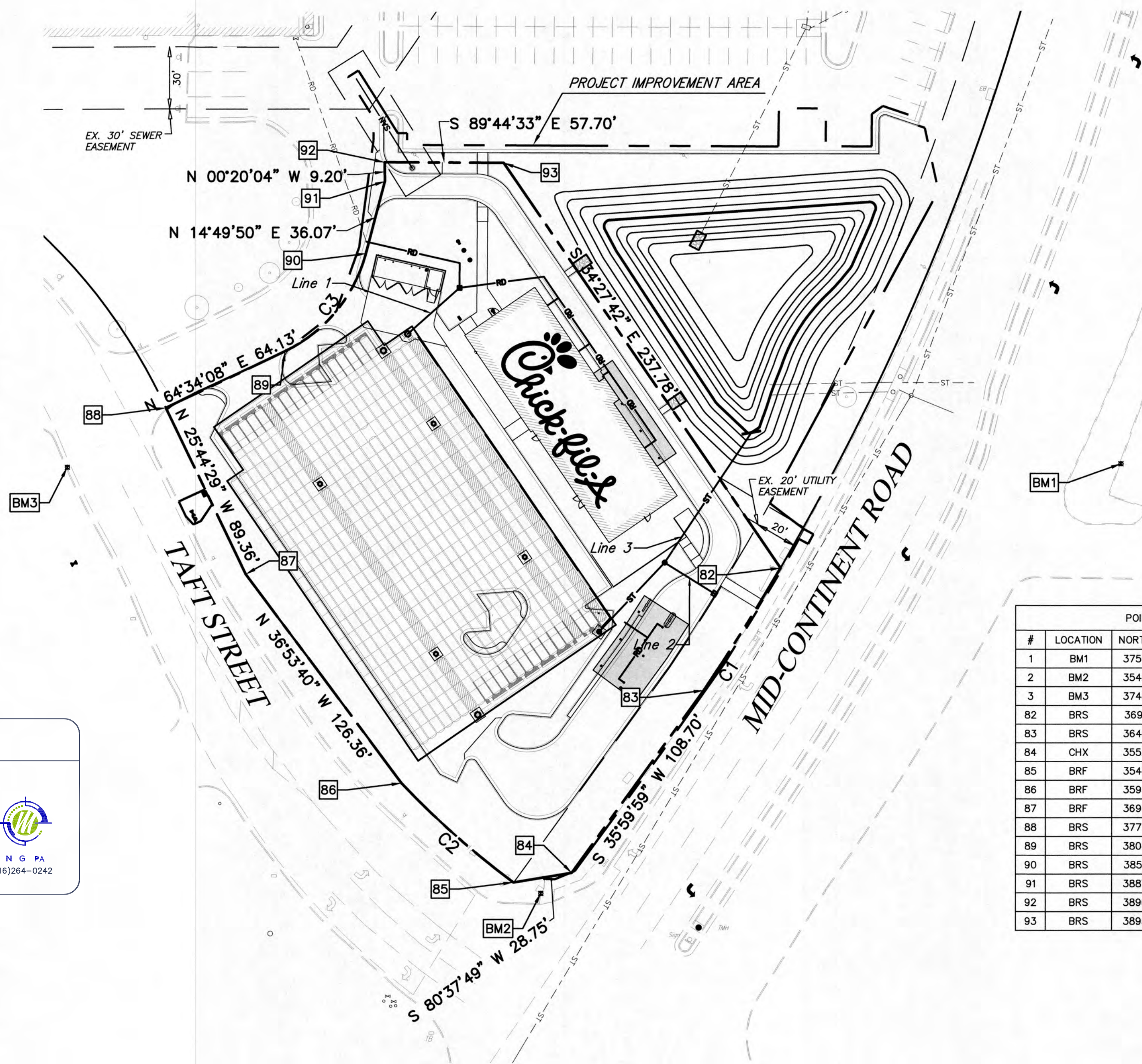
Contractor: Ewertz Excavation 5/30/2018	Project Inspector: Larry Gann KEMILLER ENGINEERING P.A. 117 E. Lewis, Wichita, KS 67202 (316)264-0242
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Benchmarks

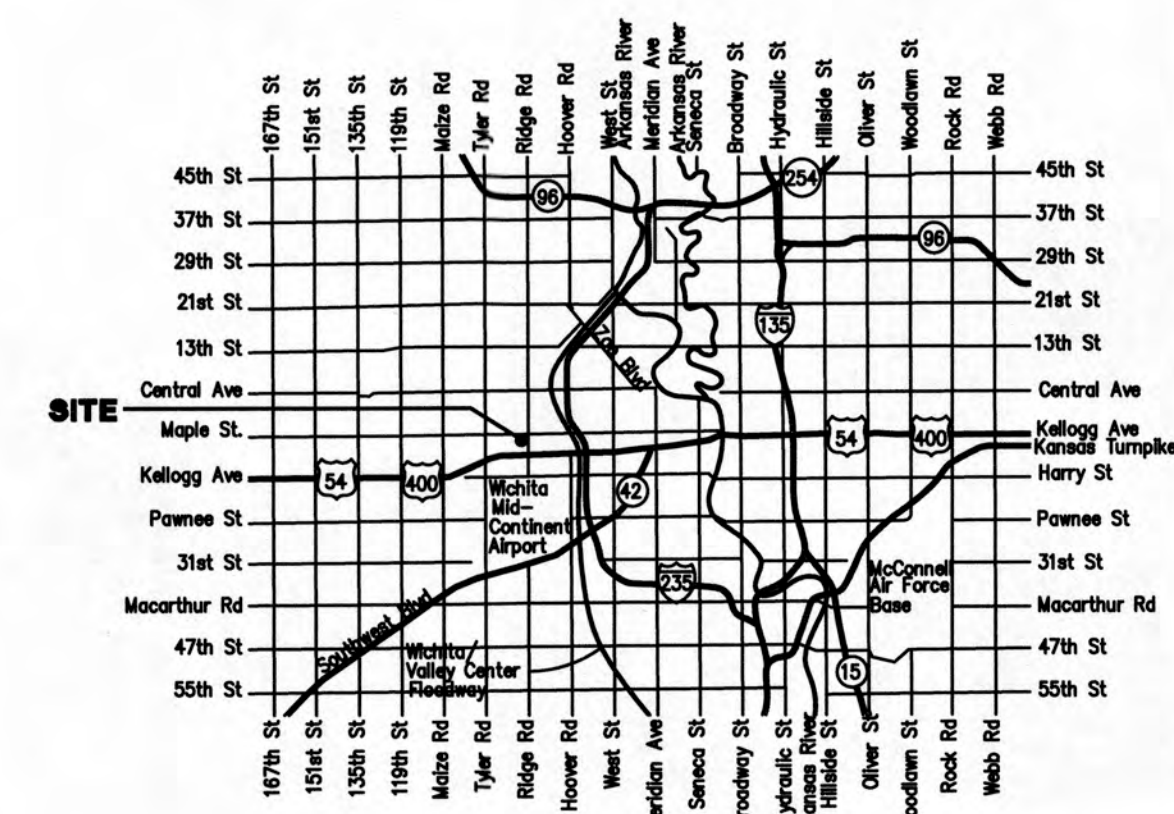
- BM#1: "a" Chiseled on Top of Curb
Elevation=1325.53 (NAVD 88)
- BM#2: "a" Chiseled on Top of Concrete
Elevation=1326.91 (NAVD 88)
- BM#3: "a" Chiseled on Top of Curb
Elevation=1325.17 (NAVD 88)

STORM SEWER IMPROVEMENTS to serve CHICK-FIL-A 7320 WEST TAFT STREET CITY OF WICHITA, KANSAS

Gary Janzen, P.E. City Engineer
Project Number
0463 PPD (133119)



#	LOCATION	NORTHING	EASTING	ELEVATION
1	BM1	3750.05	7697.90	1325.53
2	BM2	3542.50	7415.64	1326.91
3	BM3	3748.72	7185.43	1325.17
82	BRS	3699.91	7532.00	
83	BRS	3640.46	7494.74	
84	CHX	3552.48	7430.68	
85	BRF	3547.46	7402.40	
86	BRF	3595.76	7348.01	
87	BRF	3696.89	7272.27	
88	BRS	3777.36	7233.42	
89	BRS	3804.90	7291.34	
90	BRS	3852.16	7330.57	
91	BRS	3887.02	7339.80	
92	BRS	3896.22	7339.75	
93	BRS	3895.97	7397.45	



Vicinity Map

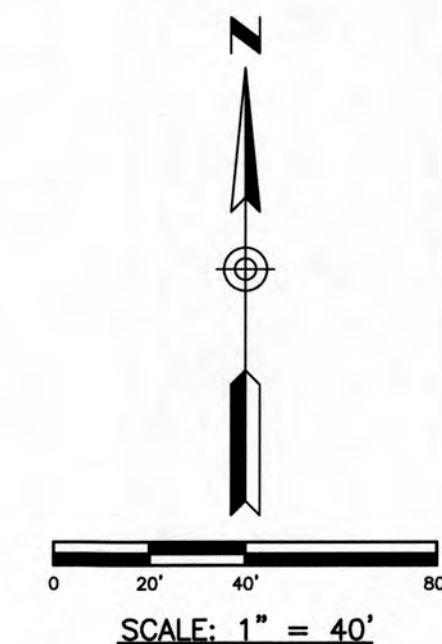
APPROVED AS NOTED
BY WICHITA PUBLIC WORKS ENGINEERING
AND STORMWATER DIVISION

Engineering *Julianne Kallman* 12-18-17
Stormwater *Joe Hilde* PE 12/18/17

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.



Sheet Index

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| Plan & Profile | 2 |
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| Erosion Control Plan | 5 |
| Erosion Control Details | 6 |
| Copy of Plat/Lot Split | 7 |



Chick-fil-A

Chick-fil-A
5200 Buffington Road
Atlanta, Georgia 30349-2998

GBC DESIGN, INC.
565 White Pond Dr.
Akron, OH 44320-1123
Phone 330-896-0228 Fax 330-896-5752



CHICK-FIL-A
MAPLE & RIDGE FSU
7320 WEST TAFT STREET
WICHITA, KS 67209

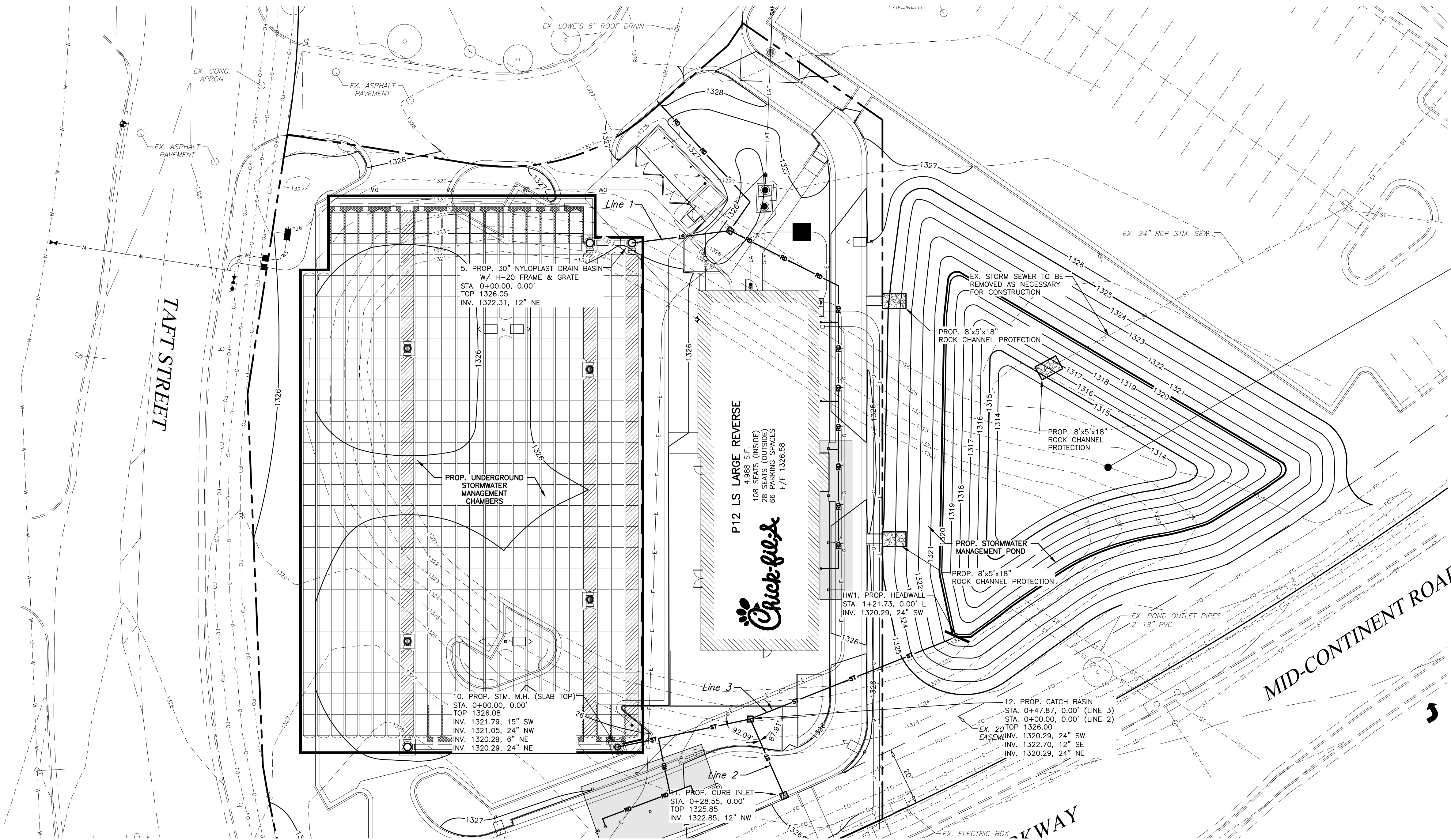
FSU# 03952

REVISION SCHEDULE		DESCRIPTION
NO.	DATE	

GBC PROJECT # 49116A
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SHEET
PPD
TITLE SHEET



Benchmarks

- BM#1: "o" Chiseled on Top of Curb
Elevation=1325.53 (NAVD 88)
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Elevation=1326.91 (NAVD 88)
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Elevation=1325.17 (NAVD 88)

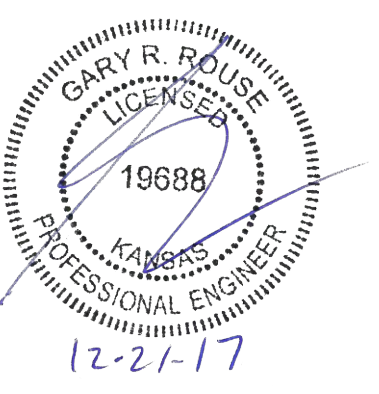
SCALE: 1" = 20'

COMBINED UNDERGROUND STORAGE / POND		
POND SIZE	ELEVATION	VOLUME
1320.29	0.00	
1320.46	2,881	
1320.62	5,761	
1320.79	8,642	
1321.04	13,025	
1321.29	20,025	
1321.54	26,959	
1321.79	33,803	
1322.04	40,606	
1322.21	45,326	
1322.37	49,975	
1322.54	54,544	
1322.71	59,028	
1322.87	63,387	
1323.04	67,698	
1323.21	72,083	
1323.37	76,166	
1323.54	80,017	
1323.71	83,566	
1323.87	86,954	
1324.04	90,781	
PEAK FLOW (CFS)	ELEVATION (NAVD88)	VOLUME (S.F.)
Q ₁ 11.99	1321.51	25,187
Q ₂ 14.05	1321.67	30,596
Q ₃ 15.99	1321.99	39,181
Q ₄ 18.38	1322.25	46,462
Q ₅ 19.56	1322.39	50,523
Q ₆ 23.88	1322.98	66,060
Q ₁₀₀ 26.23	1323.34	75,294



Chick-fil-A
5200 Buffington Road
Atlanta, Georgia 30349-2998

GBC DESIGN, INC.
565 White Pond Dr.
Akron, OH 44320-1123
Phone 330-856-0228 Fax 330-856-5782



CHICK-FIL-A
MAPLE & RIDGE FSU
7320 WEST TAFT STREET
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SHEET
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BASIN DESIGN

AS BUILTS



KEMILLER
ENGINEERING PA

117 E. Lewis,
Wichita, KS 67202 (316)264-0242

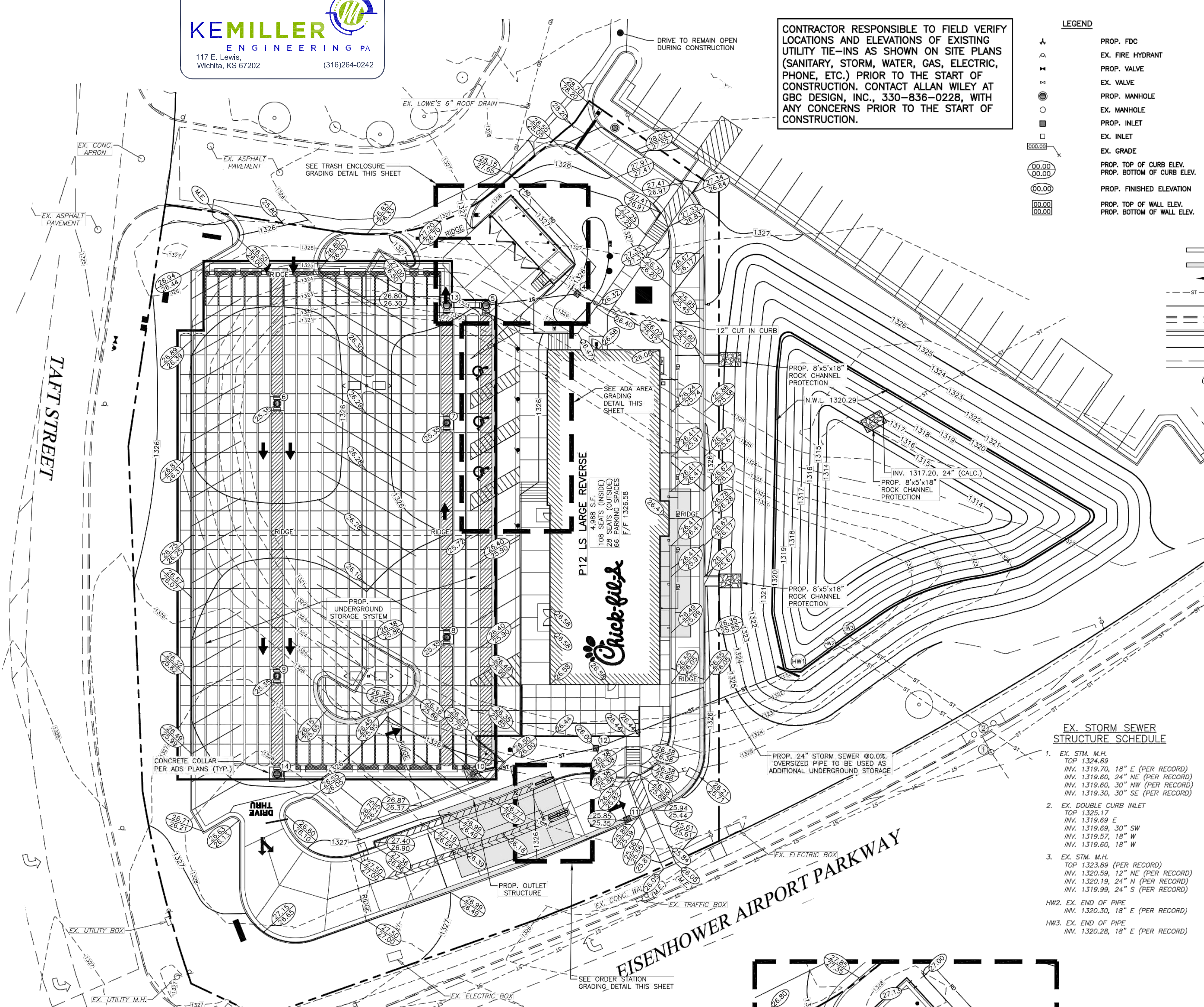
Permit

AS BUILTS



GRADING & UTILITY NOTES

- LOCATIONS OF ALL EXISTING AND PROPOSED SERVICES ARE APPROXIMATE AND MUST BE CONFIRMED INDEPENDENTLY WITH LOCAL UTILITY COMPANIES PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION OR EXCAVATION. SANITARY SEWER AND ALL OTHER UTILITY SERVICE CONNECTION POINTS SHALL BE CONFIRMED INDEPENDENTLY BY THE CONTRACTOR IN FIELD PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. ALL DISCREPANCIES SHALL BE REPORTED IMMEDIATELY IN WRITING TO THE ENGINEER. CONSTRUCTION SHALL COMMENCE BEGINNING AT THE LOWEST INVERT (POINT OF CONNECTION) AND PROGRESS UP GRADIENT. ALL PROPOSED INTERFACE POINTS (CROSSINGS) WITH EXISTING UNDERGROUND UTILITIES SHALL BE FIELD VERIFIED BY TEST PIT PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- ALL UTILITIES AND SERVICES INCLUDING BUT NOT LIMITED TO GAS, WATER, ELECTRIC, SANITARY AND STORM SEWER, TELEPHONE, CABLE, FIBER OPTIC CABLE, ETC. WITHIN THE LIMITS OF DISTURBANCE SHALL BE VERTICALLY AND HORIZONTALLY LOCATED. THE CONTRACTOR SHALL USE AND COMPLY WITH THE REQUIREMENTS OF THE APPLICABLE UTILITY NOTIFICATION SYSTEM TO LOCATE ALL THE UNDERGROUND UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRS OF DAMAGE TO ANY EXISTING UTILITIES DURING CONSTRUCTION AT NO COST TO THE OWNER.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL OF THE DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THE PROJECT WORK SCOPE PRIOR TO THE INITIATION OF CONSTRUCTION. SHOULD THE CONTRACTOR FIND A CONFLICT WITH THE DOCUMENTS RELATIVE TO THE SPECIFICATIONS OR THE RELATIVE CODES, IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE PROJECT ENGINEER OF RECORD IN WRITING PRIOR TO THE START OF CONSTRUCTION. FAILURE BY THE CONTRACTOR TO NOTIFY THE PROJECT ENGINEER SHALL CONSTITUTE ACCEPTANCE OF FULL RESPONSIBILITY BY THE CONTRACTOR TO COMPLETE THE SCOPE OF WORK AS DEFINED BY THE DRAWINGS AND IN FULL COMPLIANCE WITH LOCAL REGULATIONS AND CODES.
- DEFINE AND LOCATE VERTICALLY AND HORIZONTALLY ALL ACTIVE UTILITY AND/OR SERVICE SYSTEMS THAT ARE TO BE REMOVED. THE CONTRACTOR IS RESPONSIBLE TO PROTECT AND MAINTAIN ALL ACTIVE SYSTEMS THAT ARE NOT BEING REMOVED/RELOCATED DURING SITE ACTIVITY.
- THE CONTRACTOR SHALL FAMILIARIZE THEMSELVES WITH THE APPLICABLE UTILITY SERVICE PROVIDER REQUIREMENTS AND BE RESPONSIBLE FOR ALL COORDINATION REGARDING UTILITIES DEMOLITION AS IDENTIFIED OR REQUIRED FOR PROJECT. THE CONTRACTOR SHALL PROVIDE THE OWNER WRITTEN NOTIFICATION THAT EXISTING UTILITIES AND SERVICES HAVE BEEN TERMINATED AND ABANDONED IN ACCORDANCE WITH JURISDICTION AND UTILITY COMPANY REQUIREMENTS.
- CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF SITE PLAN DOCUMENTS AND ARCHITECTURAL DESIGN FOR EXACT BUILDING UTILITY CONNECTION LOCATIONS, GREASE TRAP REQUIREMENTS/DETAILS, DOOR ACCESS, AND EXTERIOR GRADING. THE UTILITY SERVICE SIZES ARE TO BE DETERMINED BY ARCHITECT. THE CONTRACTOR SHALL COORDINATE INSTALLATION OF UTILITIES/SERVICES WITH THE INDIVIDUAL COMPANIES, TO AVOID CONFLICTS AND ENSURE PROPER DEPTHS ARE ACHIEVED. THE JURISDICTION UTILITY REQUIREMENTS SHALL ALSO BE MET, AS WELL AS COORDINATING THE UTILITY TIE-INS/CONNECTIONS PRIOR TO CONNECTING TO THE EXISTING UTILITY/SERVICE. WHERE CONFLICTS EXIST WITH THESE SITE PLANS, ENGINEER IS TO BE NOTIFIED PRIOR TO CONSTRUCTION TO RESOLVE SAME.
- WATER SERVICE MATERIALS, BURIAL DEPTH, AND COVER REQUIREMENTS SHALL BE SPECIFIED BY THE LOCAL UTILITY COMPANY. CONTRACTOR'S PRICE FOR WATER SERVICE SHALL INCLUDE ALL FEES AND APPURTENANCES REQUIRED BY THE UTILITY TO PROVIDE A COMPLETE WORKING SERVICE.
- ALL NEW UTILITIES/SERVICES, INCLUDING ELECTRIC, TELEPHONE, CABLE TV, ETC. ARE TO BE INSTALLED UNDERGROUND. ALL NEW UTILITIES/SERVICES SHALL BE INSTALLED IN ACCORDANCE WITH THE UTILITY/SERVICE PROVIDER INSTALLATION SPECIFICATIONS AND STANDARDS.
- SITE GRADING SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE RECOMMENDATIONS SET FORTH IN THE GEOTECHNICAL REPORT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND REPLACING WITH SUITABLE MATERIALS AS SPECIFIED IN THE GEOTECHNICAL REPORT. ALL EXCAVATED OR FILLED AREAS SHALL BE COMPACTED AS OUTLINED IN THE GEOTECHNICAL REPORT. MOISTURE CONTENT AT TIME OF PLACEMENT SHALL BE SUBMITTED IN COMPACTION REPORT PREPARED BY A QUALIFIED GEOTECHNICAL ENGINEER, REGISTERED WITH THE STATE WHERE THE WORK IS PERFORMED. VERIFYING THAT ALL FILLED AREAS AND SUBGRADE AREAS WITHIN THE BUILDING PAD AREA AND AREAS TO BE PAVED HAVE BEEN COMPACTED IN ACCORDANCE WITH THESE PLANS AND THE RECOMMENDATIONS SET FORTH IN THE GEOTECHNICAL REPORT. SUBBASE MATERIAL FOR SIDEWALKS, CURB, OR ASPHALT SHALL BE FREE OF ORGANICS AND OTHER UNSUITABLE MATERIALS. SHOULD SUBBASE BE DEEMED UNSUITABLE BY OWNER OR OWNER'S REPRESENTATIVE, SUBBASE IS TO BE REMOVED AND FILLED WITH APPROVED FILL MATERIAL COMPACTED AS DIRECTED BY THE GEOTECHNICAL REPORT.
- ALL FILL, COMPACTION, AND BACKFILL MATERIALS REQUIRED FOR UTILITY INSTALLATION SHALL BE AS PER THE RECOMMENDATIONS PROVIDED IN THE GEOTECHNICAL REPORT AND SHALL BE COORDINATED WITH THE APPLICABLE UTILITY COMPANY SPECIFICATIONS.
- THE CONTRACTOR SHALL COMPLY TO THE FULLEST EXTENT WITH THE LATEST OSHA STANDARDS AND REGULATIONS, OR ANY OTHER AGENCY HAVING JURISDICTION OVER EXCAVATION AND TRENCHING PROCEDURES. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE "MEANS AND METHODS" REQUIRED TO MEET THE INTENT AND PERFORMANCE CRITERIA OF OSHA AS WELL AS ANY OTHER ENTITY THAT HAS JURISDICTION FOR EXCAVATION AND/OR TRENCHING PROCEDURES.
- PAVEMENT SHALL BE SAW CUT IN STRAIGHT LINES TO THE FULL DEPTH OF THE EXISTING PAVEMENT. ALL DEBRIS FROM REMOVAL OPERATIONS SHALL BE REMOVED FROM THE SITE AT THE TIME OF EXCAVATION. STOCKPILING OF DEBRIS WILL NOT BE PERMITTED.
- THE TOPS OF EXISTING MANHOLES, INLET STRUCTURES, AND SANITARY CLEANOUT TOPS SHALL BE ADJUSTED, IF REQUIRED, TO MATCH PROPOSED GRADES IN ACCORDANCE WITH ALL APPLICABLE STANDARDS.
- THE CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF EXISTING TOPOGRAPHIC INFORMATION AND UTILITY INVERT ELEVATIONS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION. CONTRACTOR TO ENSURE 0.75% MINIMUM SLOPE ALONG ALL ISLANDS, GUTTERS, AND CURBS; 1.0% ON ALL CONCRETE SURFACES; AND 1.5% MINIMUM ON ASPHALT, TO PREVENT PONDING. ANY DISCREPANCIES THAT MAY AFFECT THE PUBLIC SAFETY OR PROJECT COST MUST BE IDENTIFIED TO THE ENGINEER IN WRITING IMMEDIATELY. PROCEEDING WITH CONSTRUCTION WITHOUT NOTIFICATION IS DONE SO AT THE CONTRACTOR'S OWN RISK.
- PROPOSED TOP OF CURB ELEVATIONS ARE GENERALLY 6" ABOVE EXISTING LOCAL ASPHALT GRADE UNLESS OTHERWISE NOTED. FIELD ADJUST TO CREATE A MINIMUM OF 0.75% GUTTER GRADE ALONG CURB FACE. ENGINEER TO APPROVE FINAL CURBING OUT SHEETS PRIOR TO INSTALLATION.
- IN CASE OF DISCREPANCIES BETWEEN PLANS OR RELATIVE TO OTHER PLANS, THE SITE PLAN WILL TAKE PRECEDENCE. IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY CONFLICTS.
- CONTRACTOR SHALL BE REQUIRED TO SECURE ALL NECESSARY PERMITS AND APPROVALS FOR ALL OFF-SITE MATERIAL SOURCES AND DISPOSAL FACILITIES. CONTRACTOR SHALL SUPPLY A COPY OF APPROVALS TO ENGINEER AND OWNER PRIOR TO INITIATING WORK.



CONTRACTOR RESPONSIBLE TO FIELD VERIFY LOCATIONS AND ELEVATIONS OF EXISTING UTILITY TIE-INS AS SHOWN ON SITE PLANS (SANITARY, STORM, WATER, GAS, ELECTRIC, PHONE, ETC.) PRIOR TO THE START OF CONSTRUCTION. CONTACT ALLAN WILEY AT GBC DESIGN, INC., 330-836-0228, WITH ANY CONCERNS PRIOR TO THE START OF CONSTRUCTION.

LEGEND

- ▲ PROP. FDC
- ▲ PROP. FIRE HYDRANT
- PROP. VALVE
- PROP. VALVE
- PROP. MANHOLE
- PROP. INLET
- PROP. INLET
- EX. GRADE
- PROP. TOP OF CURB ELEV.
- PROP. BOTTOM OF CURB ELEV.
- PROP. FINISHED ELEVATION
- PROP. TOP OF WALL ELEV.
- PROP. BOTTOM OF WALL ELEV.

LEGEND (CONT.)

- SPILLING SECTION
- CATCHING SECTION
- POSITIVE DRAINAGE
- ST EX. STORM SEWER
- ST PROP. STORM SEWER
- EX. CURB
- PROP. CURB & GUTTER
- PROP. CONTOURS
- EX. CONTOURS
- (M.E.) MEET EXISTING ELEVATION

PROP. STORM SEWER STRUCTURE SCHEDULE

- PROP. CATCH BASIN TYPE 1
TOP 1325.50
INV. 1322.50, 12" SW
INV. 1323.00, 6" N
INV. 1322.63, 8" E
- PROP. 30" NYLOPLAST DRAIN BASIN W/ H-20 FRAME & GRATE
TOP 1326.05
INV. 1322.31, 12" NE
- PROP. 24" NYLOPLAST DRAIN BASIN W/ H-20 FRAME & GRATE
TOP 1325.35
- PROP. 24" NYLOPLAST DRAIN BASIN W/ H-20 FRAME & GRATE
TOP 1325.35
- PROP. 24" NYLOPLAST DRAIN BASIN W/ H-20 FRAME & GRATE
TOP 1325.35
- PROP. 30" NYLOPLAST DRAIN BASIN W/ H-20 FRAME & GRATE
TOP 1325.35
- PROP. STIM. M.H. (SLAB TOP)
TOP 1326.08
INV. 1320.29, 24" NE
INV. 1321.79, 15" SW
INV. 1321.05, 24" NW
INV. 1320.29, 6" NE
- PROP. CURB INLET
TOP 1325.85
INV. 1322.85, 12" NW
- PROP. CATCH BASIN TYPE 2
TOP 1326.00
INV. 1320.29, 24" SW
INV. 1320.29, 24" NE
INV. 1322.70, 12" SE
- PROP. 30" NYLOPLAST DRAIN BASIN W/ H-20 FRAME & GRATE
TOP 1326.15
- PROP. 30" NYLOPLAST DRAIN BASIN W/ H-20 FRAME & GRATE
TOP 1325.87
- PROP. HEADWALL
INV. 1320.29, 24" SW

EX. STORM SEWER STRUCTURE SCHEDULE

- EX. STM. M.H.
TOP 1324.89
INV. 1319.70, 18" E (PER RECORD)
INV. 1319.60, 24" NE (PER RECORD)
INV. 1319.60, 30" NW (PER RECORD)
INV. 1319.30, 30" SE (PER RECORD)
- EX. DOUBLE CURB INLET
TOP 1325.17
INV. 1319.69 E
INV. 1319.69, 30" SW
INV. 1319.57, 18" W
INV. 1319.60, 18" W
- EX. STM. M.H.
TOP 1323.89 (PER RECORD)
INV. 1320.59, 12" NE (PER RECORD)
INV. 1320.19, 24" H (PER RECORD)
INV. 1319.99, 24" S (PER RECORD)

NOTE:
ALL STORM STRUCTURES WITHIN PAVED AREAS REQUIRE WEEP HOLES. SEE DETAILS 40 & 40A ON SHEET C-4.3 FOR WEEP HOLE DETAILS.

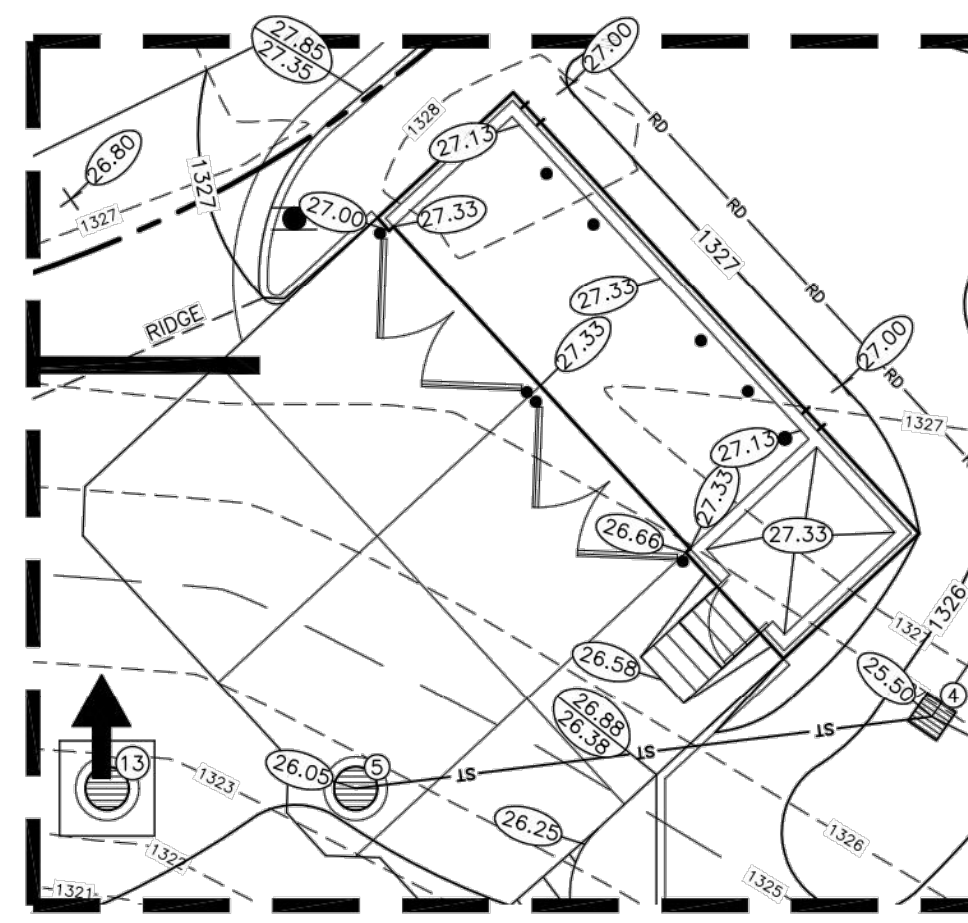
PROP. STORM SEWER PIPE SCHEDULE

FROM	TO	SIZE	LENGTH	SLOPE	TYPE
4	5	12"	33.59'	0.57%	Corrugated HDPE Pipe
10	12	24"	46.05'	0.00%	Corrugated HDPE Pipe
11	12	12"	28.55'	0.53%	Corrugated HDPE Pipe
12	HW1	24"	75.69'	0.00%	Corrugated HDPE Pipe

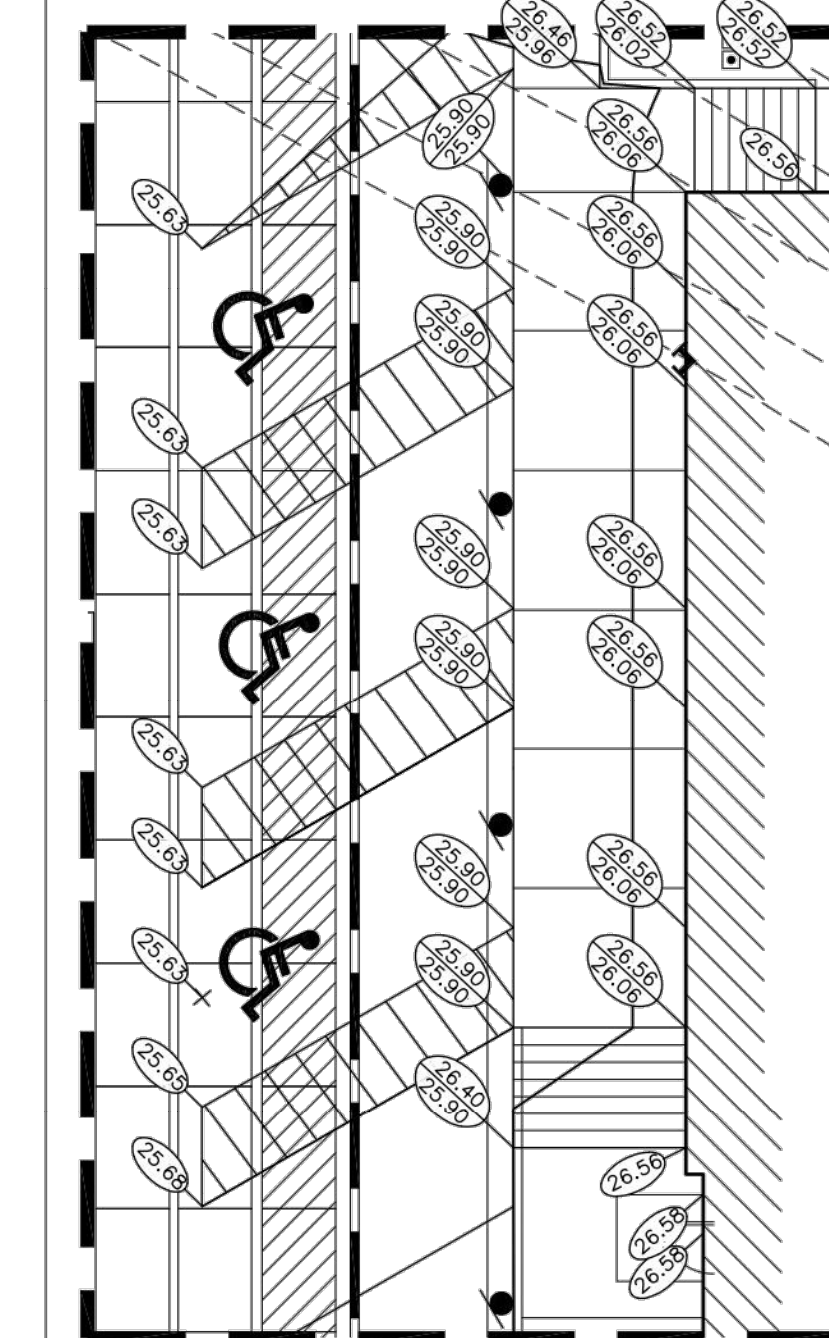
STORMWATER MANAGEMENT DESIGN OPTIONS

- OPTION A: EXCAVATE NEW POND AS SHOWN AND INSTALL CONTECH UNDERGROUND STORAGE SYSTEM UNDER CFA PARKING LOT WITH A STORAGE VOLUME OF 47,234 C.F. (NOT USED)
- OPTION B: EXCAVATE NEW POND AS SHOWN AND INSTALL ADS UNDERGROUND STORAGE SYSTEM UNDER CFA PARKING LOT WITH A STORAGE VOLUME OF 47,234 C.F.

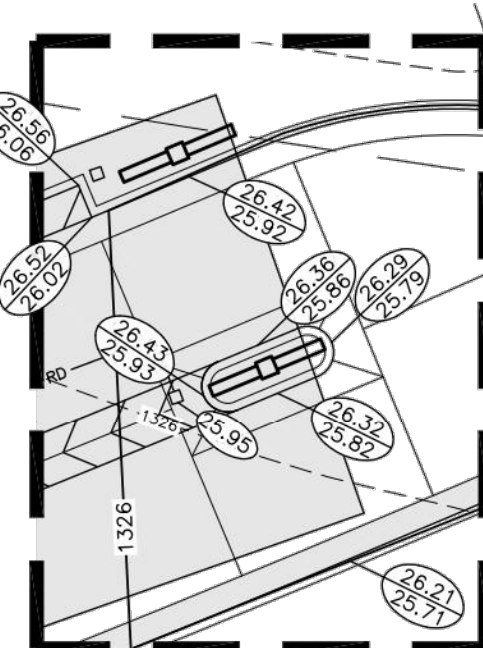
REFERENCE CITY OF WICHITA STORM SEWER IMPROVEMENT PLANS #0463 PPD (133119) FOR STORM SEWER AND STRUCTURE INFO



TRASH ENCLOSURE GRADING DETAIL
SCALE: 1" = 10'



ADA AREA GRADING DETAIL
SCALE: 1" = 10'



ORDER STATION GRADING DETAIL
SCALE: 1" = 10'



Chick-fil-A
5200 Buffington Road
Atlanta, Georgia 30349-2998

CHICK-FIL-A
MAPLE & RIDGE FSU
7320 WEST TAFT STREET
WICHITA, KS 67209

FSU# 03952

REVISION SCHEDULE	DESCRIPTION
1. 2017/5/26	CITY COMMENTS
2. 2017/6/9	LOWE'S COMMENTS
3. 2017/6/18	CITY COMMENTS

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SHEET
PPD
GRADING PLAN

SHEET NUMBER
C-3.0.0



Chick-fil-A
5200 Buffington Road
Atlanta, Georgia 30349-2998

CHICK-FIL-A
MAPLE & RIDGE FSU
7320 WEST TAFT STREET
WICHITA, KS 67209

FSU# 03952

REVISION SCHEDULE	DESCRIPTION
1. 2017/5/26	CITY COMMENTS
2. 2017/6/9	LOWE'S COMMENTS
3. 2017/6/18	CITY COMMENTS

GBC PROJECT # 49116A
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SHEET
PPD
GRADING PLAN

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PROJECT DESCRIPTION:
THE LAND IS BEING DISTURBED TO CONSTRUCT A CHICK-FIL-A RESTAURANT. DEVELOPMENT OF THE RESTAURANT INCLUDES DISTURBANCE OF 2.10 AC. FOR PARKING AREAS, SITE UTILITIES AND A 4,988 S.F. (GROSS AREA) BUILDING.

SCHEDULE OF CONSTRUCTION ACTIVITY:
THE CONTRACTOR SHALL IMPLEMENT ALL EROSION CONTROL MEASURES PRIOR TO OTHER CONSTRUCTION ACTIVITY. ALL EROSION CONTROL MEASURES MUST REMAIN FUNCTIONAL UNTIL THE SITE HAS BEEN STABILIZED UNLESS OTHERWISE STATED ON THE PLAN. SEE SEQUENCE OF CONSTRUCTION ACTIVITIES. SHT. C-3.1 AND SWPPP REPORT.

EROSION CONTROL NOTES:
DIVERSION CHANNELS AND PERIMETER CONTROLS SHALL BE IMPLEMENTED AS A FIRST STEP OF GRADING AND WITHIN 7 DAYS FROM THE START OF GRUBBING AND SHALL CONTINUE TO FUNCTION UNTIL UPLAND AREAS ARE STABILIZED. BMP'S SHOULD BE CLEANED OUT ONCE CAPACITY HAS BEEN REDUCED BY 40%.

EROSION CONTROL BLANKETS WITH MATTING WILL BE USED ON DITCHES GREATER THAN 1.5% AND ALL OTHER SLOPES GREATER THAN 6% GRADE.

CONTRACTOR IS RESPONSIBLE FOR EROSION CONTROL.

NO SOLID OR LIQUID WASTE SHALL BE DISCHARGED INTO STORM WATER RUNOFF.

ALL EROSION AND SEDIMENT CONTROL PRACTICES MUST MEET THE STANDARDS AND SPECIFICATIONS OF THE CITY OF WICHITA, KS AND THE KDOT STORM WATER MANAGEMENT GUIDELINES FOR CONSTRUCTION ACTIVITY.

OTHER EROSION AND SEDIMENT CONTROL ITEMS MAY BE NECESSARY DUE TO ENVIRONMENTAL CONDITIONS.

CONTRACTOR IS RESPONSIBLE TO PICK UP/CLEAN UP ANY LITTER, CONSTRUCTION DEBRIS AND/OR CONSTRUCTION CHEMICALS EXPOSED TO STORM WATER PRIOR TO ANTICIPATED STORM EVENTS OR WIND EVENTS AS FORECASTED BY LOCAL WEATHER.

OFF-SITE VEHICLE TRACKING SEDIMENT SHALL BE MINIMIZED. CONSTRUCTION VEHICLES ARE LIMITED TO THE CONSTRUCTION ACCESS ROAD NOTED ON THE PLAN.

REGULAR INSPECTION AND MAINTENANCE WILL BE PROVIDED FOR ALL EROSION AND SEDIMENT CONTROL PRACTICES. PERMANENT RECORDS OF MAINTENANCE AND INSPECTIONS MUST BE KEPT THROUGHOUT THE CONSTRUCTION PERIOD. PROVIDED WILL BE NAME OF INSPECTOR, MAJOR OBSERVATIONS, DATED OF INSPECTION AND CORRECTIVE MEASURES TAKEN.

SILT FENCES ARE TO BE INSTALLED IN FRONT OF STORM INLETS AND FILL AREAS BEFORE STARTING CONSTRUCTION PER MANUFACTURERS RECOMMENDATIONS.

SILT FENCES ARE TO BE CONSTRUCTED ON THE OUTSIDE OF ALL STOCK PILES.

ALL EROSION CONTROL MEASURES TO BE MAINTAINED BY CONTRACTOR UNTIL PROJECT COMPLETION AND THEN REMOVED.

SEDIMENT TO BE REMOVED FROM SILT FENCE AS NECESSARY AND MUST BE REMOVED WHEN DESIGN CAPACITY HAS BEEN REDUCED BY 50%.

ANY DE-WATERING ACTIVITY SHALL INCLUDE A DIRT BAG OR DANDY BAG AT THE END OF PUMPING DISCHARGE LINE PRIOR TO ENTERING INTO THE STORM SEWER.

EXISTING MAX. SLOPE TO OUTFALL = 25.0%
EXISTING MIN. SLOPE TO OUTFALL = 1.0%

POST-CONSTRUCTION MAX. SLOPE TO OUTFALL = 33.3%
POST-CONSTRUCTION MIN. SLOPE TO OUTFALL = 1.0%

POST CONSTRUCTION RUNOFF COEFFICIENT = 0.95.

RECEIVING WATER: CITY OF WICHITA MS4

EXISTING TOPOGRAPHY: CURRENTLY THE SITE IS A STORMWATER MANAGEMENT POND.

INSPECT OUTFALLS AND FIX SITE BASED ON THE INSPECTIONS. REVISE SWPPP IF APPROPRIATE.

SITE INSPECTIONS TWICE PER WEEK AT LEAST 72 HOURS APART.

THERE IS NO INDUSTRIAL/NON-CONSTRUCTION DISCHARGE ASSOCIATED WITH THIS PROJECT.

TEMPORARY SEEDING IS REQUIRED WHEN GRADING OPERATIONS ARE TEMPORARILY HALTED FOR OVER 14 DAYS, AND ON STOCKPILES. PERMANENT SEEDING IS REQUIRED WHEN GRADING OPERATIONS ARE COMPLETED AND/OR CONSTRUCTION OPERATIONS WILL NOT IMPACT THE DISTURBED AREA. SEED AREAS THAT SHOW SIGNS OF EROSION.

OFFSITE ACCUMULATION OF SEDIMENT WILL BE REMOVED, YET IF A STREAM IS REACHED, CONTACT WATER POLLUTION CONTROL FIRST.

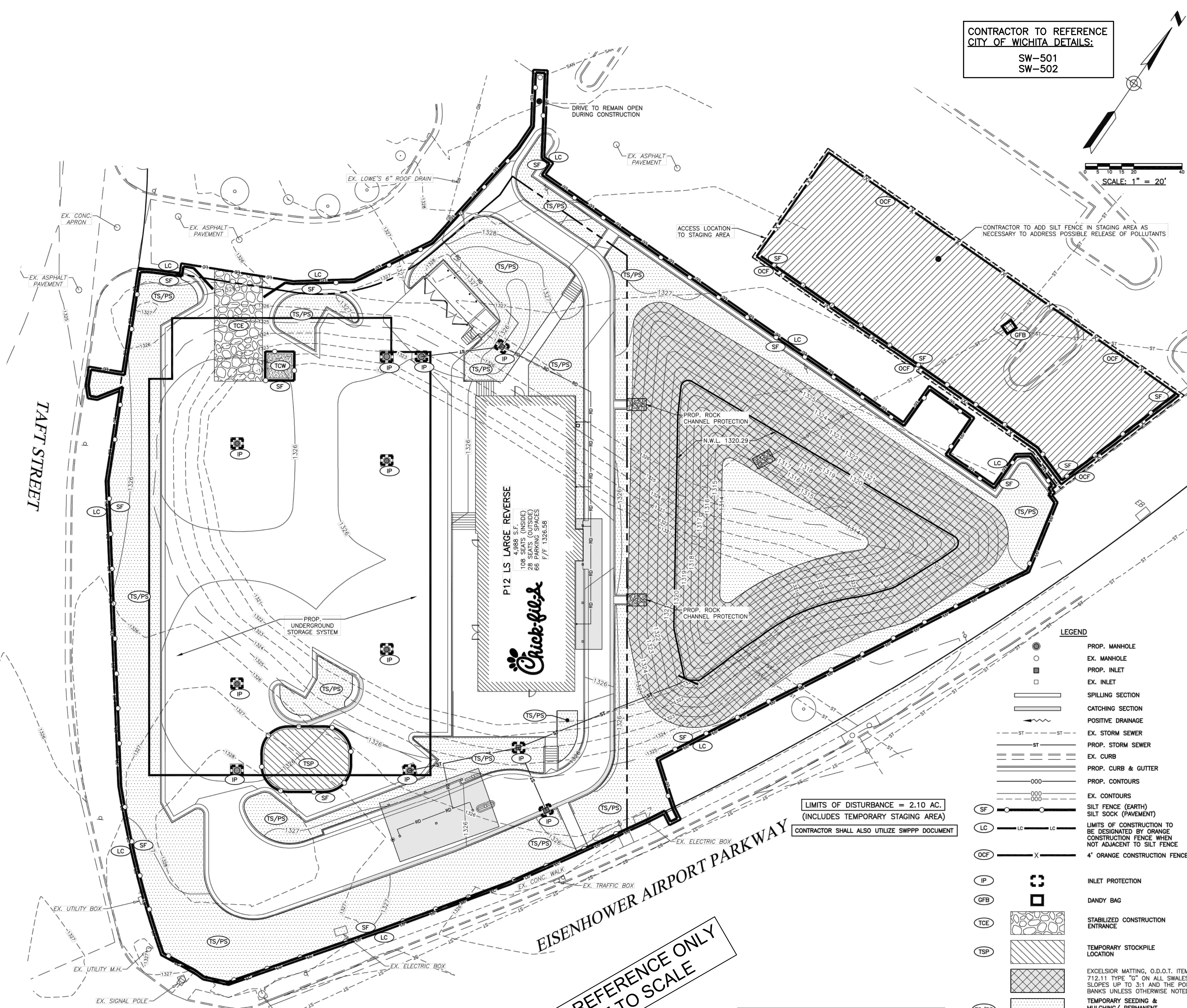
CONTRACTOR TO MAINTAIN A RAIN GAUGE ON SITE OR NEARBY REFERENCE FOR RECORDS. INSPECTORS OF THE SITE MUST HAVE COMPLETED THE WFC FUNDAMENTALS OF EROSION PREVENTION AND SEDIMENT CONTROL (EPSC) COURSE.

REMOVAL OF ALL TEMPORARY EROSION CONTROL DEVICES UPON FINAL STABILIZATION & REMOVAL OF SEDIMENT IN THE DRAIN INLET FILTRATION DEVICES ACCORDING TO STATE AND LOCAL REGULATIONS.

SEQUENCE OF CONSTRUCTION ACTIVITY

THE CONTRACTOR SHALL IMPLEMENT ALL OF THE FOLLOWING EROSION CONTROL MEASURES, IN THE ORDER STATED, PRIOR TO OTHER CONSTRUCTION ACTIVITY. THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ALL EROSION CONTROL AND STORM WATER POLLUTION PREVENTION ITEMS. ALL EROSION CONTROL MEASURES MUST REMAIN FUNCTIONAL UNTIL THE SITE HAS BEEN STABILIZED.

- BEFORE CONSTRUCTION, EVALUATE, MARK, AND PROTECT IMPORTANT TREES.
- CLEAR AREAS FOR CONSTRUCTION ENTRANCE AND SILT FENCE.
- INSTALL CONSTRUCTION ENTRANCE.
- POST THE NOI AND SWPPP PLANS ON SITE.
- INSTALL EROSION CONTROL FENCES AND OTHER PERIMETER CONTROLS AROUND CONSTRUCTION AREA BEFORE CONSTRUCTION ACTIVITIES BEGIN.
- INSTALL PROTECTION MEASURES AROUND EXISTING INLETS.
- BEGIN DEMOLITION AND EARTHWORK.
- COMPLETE THE CUT AND FILLS ON THE SITE. INSTALL CHECK DAMS OR STABILIZE THE SLOPES WITH EROSION CONTROL BLANKETS AS NEEDED.
- INSTALL STAGING AREAS, MATERIAL STORAGE AREAS, FUEL STATIONS, AND CONCRETE WASHOUT.
- INSTALL STORM SEWERS, INLETS, AND UNDERGROUND DETENTION CHAMBERS.
- INSTALL INLET FILTER PROTECTION AS INLETS ARE INSTALLED.
- CONTINUE SITE EXCAVATING, BACKFILLING, AND GRADING ACTIVITIES. ANY AREA LEFT DORMANT FOR MORE THAN 15 DAYS MUST BE TEMPORARILY SEEDED.
- ESTABLISH BUILDING PAD.
- FINISH MASS EARTHWORK.
- CONSTRUCT BUILDING.
- COMPLETE ASPHALT PAVING.
- FINAL GRADE AND FINISH.
- COMPLETE FINAL SEEDING AND LANDSCAPING AND STABILIZE ALL DISTURBED AREAS.
- MAINTAIN ALL EROSION AND SEDIMENT CONTROL PRACTICES UNTIL ALL DISTURBED AREAS ARE PERMANENTLY STABILIZED.
- REMOVE SEDIMENT FROM STORMWATER MANAGEMENT SYSTEM, SEED AND MULCH SITE AS NEEDED.



CONTRACTOR TO REFERENCE CITY OF WICHITA DETAILS:
SW-501
SW-502

SCALE: 1" = 20'

LIMITS OF DISTURBANCE = 2.10 AC.
(INCLUDES TEMPORARY STAGING AREA)
CONTRACTOR SHALL ALSO UTILIZE SWPPP DOCUMENT

LEGEND

(Symbol)	PROP. MANHOLE
(Symbol)	EX. MANHOLE
(Symbol)	PROP. INLET
(Symbol)	EX. INLET
(Symbol)	SPILLING SECTION
(Symbol)	CATCHING SECTION
(Symbol)	POSITIVE DRAINAGE
(Symbol)	EX. STORM SEWER
(Symbol)	PROP. STORM SEWER
(Symbol)	EX. CURB
(Symbol)	PROP. CURB & GUTTER
(Symbol)	PROP. CONTOURS
(Symbol)	EX. CONTOURS
(Symbol)	SILT FENCE (EARTH)
(Symbol)	SILT SOCK (PAVEMENT)
(Symbol)	LIMITS OF CONSTRUCTION TO BE DESIGNATED BY ORANGE CONSTRUCTION FENCE WHEN NOT ADJACENT TO SILT FENCE
(Symbol)	4' ORANGE CONSTRUCTION FENCE
(Symbol)	INLET PROTECTION
(Symbol)	DANDY BAG
(Symbol)	STABILIZED CONSTRUCTION ENTRANCE
(Symbol)	TEMPORARY STOCKPILE LOCATION
(Symbol)	EXCELSIOR MATTING, O.D.O.T. ITEM 712.11 TYPE "G" ON ALL SWALES, SLOPES UP TO 3:1 AND THE POND BANKS UNLESS OTHERWISE NOTED.
(Symbol)	TEMPORARY SEEDING & MULCHING / PERMANENT SEEDING & MULCHING SEE LANDSCAPE PLAN L-1.0
(Symbol)	TEMPORARY CONCRETE WASH-OUT AREA
(Symbol)	TEMPORARY STAGING AREA

**FOR REFERENCE ONLY
NOT TO SCALE**

CONTRACTOR RESPONSIBLE TO FIELD VERIFY LOCATIONS AND ELEVATIONS OF EXISTING UTILITY TIE-INS AS SHOWN ON SITE PLANS (SANITARY, STORM, WATER, GAS, ELECTRIC, PHONE, ETC.) PRIOR TO THE START OF CONSTRUCTION. CONTACT ALLAN WILEY AT GBC DESIGN, INC., 330-836-0228, WITH ANY CONCERNS PRIOR TO THE START OF CONSTRUCTION.



GBC DESIGN, INC.
565 White Pond Dr. Akron, OH 44320-1123
Phone 330-886-0228 Fax 330-886-4782

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FSU# 03952

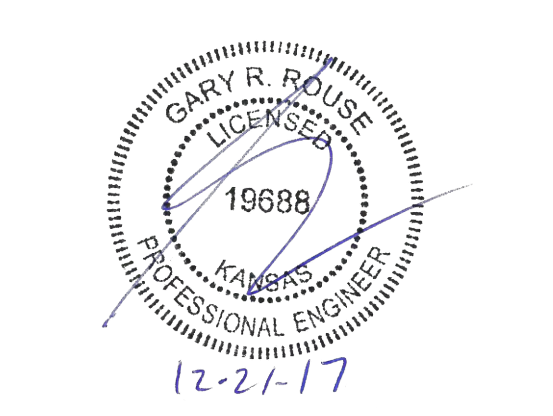
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4		

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STORMWATER POLLUTION PREVENTION PLAN (SWPPP)
SHEET NUMBER C-3.1



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565 White Pond Dr. Akron, OH 44320-1123
Phone 330-886-0228 Fax 330-886-4782



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SHEET NUMBER C-3.1

**CONTRACTOR TO REFERENCE
CITY OF WICHITA DETAILS:**

SW-501
SW-502
SW-503
SW-504
SW-505

TEMPORARY SEEDING

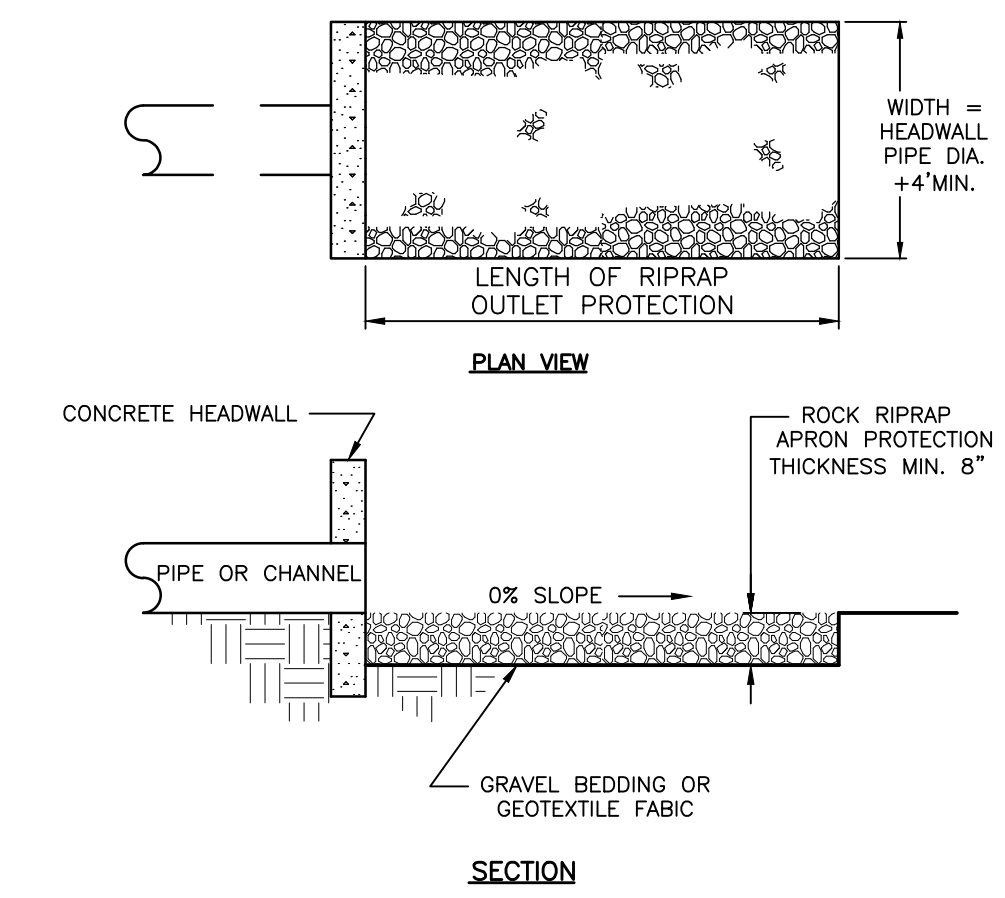
TEMPORARY SEEDING SPECIES SELECTION			
SEEDING DATES	SPECIES	LB/1000 FT. ²	PER ACRE
MARCH 1 TO AUGUST 15	OATS	3	4 BUSHEL
	TALL FESCUE	1	40 LB.
	ANNUAL RYEGRASS	1	40 LB.
	PERENNIAL RYEGRASS	1	40 LB.
AUGUST 16 TO NOVEMBER 1	TALL FESCUE	1	40 LB.
	ANNUAL RYEGRASS	1	40 LB.
	RYE	3	2 BUSHEL
	TALL FESCUE	1	40 LB.
NOVEMBER 1 TO SPRING SEEDING	ANNUAL RYEGRASS	1	40 LB.
	PERENNIAL RYEGRASS	1	40 LB.
	TALL FESCUE	1	40 LB.
	ANNUAL RYEGRASS	1	40 LB.

NOTE: OTHER APPROVED SEED SPECIES MAY BE SUBSTITUTED.

- STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES SUCH AS DIVERSIONS AND SEDIMENT TRAPS SHALL BE INSTALLED AND STABILIZED WITH TEMPORARY SEEDING PRIOR TO GRADING THE REST OF THE CONSTRUCTION-SITE.
- TEMPORARY SEED SHALL BE APPLIED BETWEEN CONSTRUCTION OPERATIONS ON SOIL THAT WILL NOT BE GRADED OR REWORKED FOR 14 DAYS OR MORE. THESE IDLE AREAS SHOULD BE SEED AS SOON AS POSSIBLE AFTER GRADING OR SHALL BE SEED WITHIN 7 DAYS. SEVERAL APPLICATIONS OF TEMPORARY SEEDING ARE NECESSARY ON TYPICAL CONSTRUCTION PROJECTS.
- THE SEEDBED SHALL BE PULVERIZED AND LOOSE TO ENSURE THE SUCCESS OF ESTABLISHING VEGETATION. HOWEVER, TEMPORARY SEEDING SHALL NOT BE POSTPONED IF IDEAL SEEDBED PREPARATION IS NOT POSSIBLE.
- SOIL AMENDMENTS--APPLICATIONS OF TEMPORARY VEGETATION SHALL ESTABLISHED ADEQUATE STANDS OF VEGETATION WHICH MAY REQUIRE THE USE OF SOIL AMENDMENTS. SOIL TESTS SHOULD BE TAKEN ON THE SITE TO PREDICT THE NEED FOR LIME AND FERTILIZER.
- SEEDING METHOD--SEED SHALL BE APPLIED UNIFORMLY WITH A CYCLONE SOWER, DRILL, CULTIPACKER SEEDER, OR HYDROSEEDER. WHEN FEASIBLE, SEED THAT HAS BEEN BROADCAST SHALL BE COVERED BY RAKING OR DRAGGING AND THEN LIGHTLY TAMPED INTO PLACE USING A ROLLER OR CULTIPACKER. IF HYDROSEEDING IS USED, THE SEED AND FERTILIZER WILL BE MIXED ON-SITE AND THE SEEDING SHALL BE DONE IMMEDIATELY AND WITHOUT INTERRUPTION.

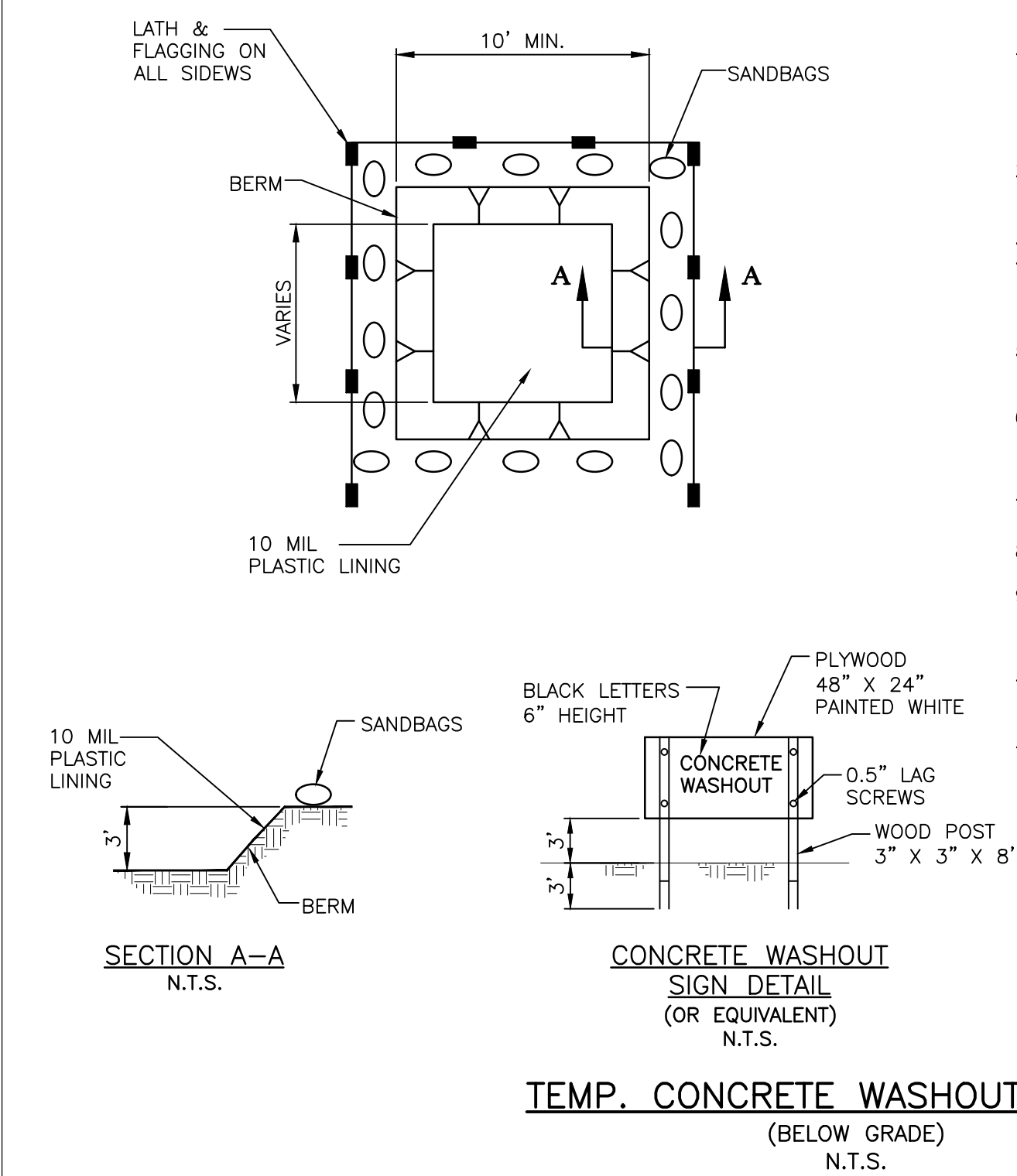
MULCHING TEMPORARY SEEDING

- APPLICATIONS OF TEMPORARY SEEDING SHALL INCLUDE MULCH WHICH SHALL BE APPLIED DURING OR IMMEDIATELY AFTER SEEDING. SEEDINGS MADE DURING OPTIMUM SEEDING DATES AND WITH FAVORABLE SOIL CONDITIONS AND ON VERY FLAT AREAS MAY NOT NEED MULCH TO ACHIEVE ADEQUATE STABILIZATION.
- MATERIALS:
 - STRAW--IF STRAW IS USED, IT SHALL BE UNROTTED SMALL-GRAIN APPLIED AT 2 TONS/AC. OR 90 LB. / 1,000 SQ. FT. (TWO TO THREE BALES). THE MULCH SHALL BE SPREAD UNIFORMLY BY HAND OR MECHANICALLY SO THE SOIL SURFACE IS COVERED. FOR UNIFORM DISTRIBUTION OF HAND-SPREAD MULCH, DIVIDE AREA INTO APPROXIMATELY 1,000 SQ. FT. SECTIONS AND SPREAD TWO 45 LB. BALES OF STRAW IN EACH SECTION.
 - HYDROSEEDERS--IF WOOD CELLULOSE FIBER IS USED, IT SHALL BE USED AT 2,000 LB. / AC. OR 46 LB. / 1,000 SQ. FT.
 - OTHER--OTHER ACCEPTABLE MULCHES INCLUDE MULCH MATTINGS APPLIED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS OR WOOD CHIPS APPLIED AT 6 TONS / AC.
- STRAW MULCH SHALL BE ANCHORED IMMEDIATELY TO MINIMIZE LOSS BY WIND OR WATER. ANCHORING METHODS:
 - MECHANICAL--A DISK, CRIMPER OR SIMILAR TYPE TOOL SHALL BE SET STRAIGHT TO PUNCH OR ANCHOR THE MULCH MATERIAL INTO THE SOIL. STRAW MECHANICAL ANCHORED SHALL NOT BE FINELY CHOPPED BUT, GENERALLY BE LEFT LONGER THAN 6 IN.
 - MULCH NETTINGS--NETTINGS SHALL BE USE ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS. NETTING MADE BE NECESSARY TO HOLD MULCH IN PLACE IN AREAS OF CONCENTRATED RUNOFF AND ON CRITICAL SLOPES.
 - ASPHALT EMULSION--ASPHALT SHALL BE APPLIED AS RECOMMENDED BY THE MANUFACTURER OR AT THE RATE OF 160 GAL. / AC.
 - SYNTHETIC BINDERS--SYNTHETIC BINDERS SUCH AS ACRYLIC DLR (AGRI-TAC), DCA-70, PETROSET, TERRA-TACK OR EQUAL MAY BE USED AT RATES RECOMMENDED BY THE MANUFACTURER.
 - WOOD-CELLULOSE FIBRE--WOOD-CELLULOSE FIBER BINDER SHALL BE APPLIED AT A NET DRY WEIGHT OF 750 LB. /AC. THE WOOD-CELLULOSE FIBER SHALL BE MIXED WITH WATER AND THE MIXTURE SHALL CONTAIN A MAXIMUM OF 50 LB. / 100 GAL.



- SUBGRADE FOR THE FILTER OR BEDDING AND RIPRAP SHALL BE PREPARED TO THE REQUIRED LINES AND GRADES AS SHOWN ON THE PLAN. THE SUBGRADE SHALL BE CLEARED OF ALL TREES, STUMPS, ROOT, SOIL, LOOSE ROCK OR OTHER MATERIAL.
- RIPRAP SHALL CONFORM TO THE GRADING LIMITS SHOWN ON THE PLAN.
- GEOTEXTILE SHALL BE SECURELY ANCHORED ACCORDING TO THE MANUFACTURE'S RECOMMENDATIONS.
- GEOTEXTILE SHALL BE LAID WITH THE LONG DIMENSION PARALLEL TO THE DIRECTION OF FLOW AND SHALL BE LAID LOOSELY BUT WITHOUT WRINKLES OR CREASES. WHERE JOINTS ARE NECESSARY, STRIPS SHALL BE PLACED TO PROVIDE A 12 IN. MINIMUM OVERLAP, WITH THE UPSTREAM STRIP OVERLAPPING THE DOWNSTREAM STRIP.
- GRAVEL BEDDING SHALL BE QDOT NO. 67's OR 57's UNLESS SHOWN DIFFERENTLY ON THE DRAWINGS.
- RIPRAP SHALL BE PLACED BY EQUIPMENT BUT SHALL BE PLACED IN A MANNER TO PREVENT SLIPPAGE OR DAMAGE TO THE GEOTEXTILE.
- RIPRAP SHALL BE PLACED BY A METHOD THAT DOES NOT CAUSE SEGREGATION OF SIZES. EXTENSIVE PUSHING WITH A DOZER CAUSES SEGREGATION AND SHALL BE AVOIDED BY DELIVERING RIPRAP NEAR ITS FINAL LOCATION WITHIN THE CHANNEL.
- CONSTRUCTION SHALL BE SEQUENCED SO THAT OUTLET PROTECTION IS PLACED AND FUNCTIONAL WHEN THE STORM DRAIN, CULVERT, OR OPEN CHANNEL ABOVE IT BECOMES OPERATIONAL.
- ALL DISTURBED AREAS SHALL BECOME VEGETATED AS SOON AS PRACTICAL.

ROCK OUTLET PROTECTION
NO SCALE



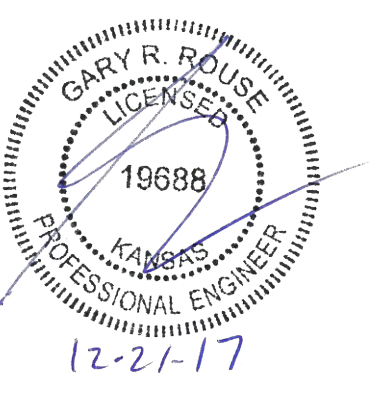
- TEMPORARY CONCRETE WASHOUT FACILITIES SHALL BE LOCATED A MINIMUM OF 50 FT FROM STORM DRAIN INLETS, OPEN DRAINAGE FACILITIES, AND WATERCOURSES. FACILITY SHALL BE LOCATED AWAY FROM CONSTRUCTION TRAFFIC OR ACCESS AREAS TO PREVENT DISTURBANCE OR TRACKING.
- TEMPORARY CONCRETE WASHOUT FACILITIES SHALL BE CONSTRUCTED AS SHOWN ON THE DETAIL WITH A MINIMUM LENGTH AND MINIMUM WIDTH OF 10'.
- LATH AND FLAGGING SHALL BE COMMERCIAL TYPE.
- PLASTIC LINING MATERIAL SHALL BE A MINIMUM OF 10 MIL POLYETHYLENE SHEETING AND SHALL BE FREE OF HOLES, TEARS, OR OTHER DEFECTS THAT COMPROMISE THE IMPERMEABILITY OF THE MATERIAL.
- A SIGN SHALL BE INSTALLED ADJACENT TO WASHOUT FACILITY TO INFORM CONCRETE EQUIPMENT OPERATORS TO UTILIZE THE PROPER FACILITIES.
- TEMPORARY CONCRETE WASHOUT FACILITIES SHALL HAVE A TEMPORARY PIT OR BERMED AREAS OF SUFFICIENT VOLUME TO COMPLETELY CONTAIN ALL LIQUID AND CONCRETE WASTE GENERATED BY WASHOUT PROCEDURES.
- WASHOUT OF CONCRETE TRUCKS SHALL BE PERFORMED IN DESIGNATED AREAS ONLY.
- ONLY CONCRETE FROM MIXER TRUCK CHUTES SHOULD BE WASHED INTO CONCRETE WASHOUT.
- CONCRETE WASHOUT FROM CONCRETE PUMPER BINS CAN BE WASHED INTO CONCRETE PUMPER TRUCKS AND DISCHARGED INTO DESIGNATED WASHOUT AREA OR PROPERLY DISPOSED OF OFFSITE.
- CONCRETE WASTES SHALL BE ALLOWED TO HARDEN THEN BROKEN UP, REMOVED, AND PROPERLY DISPOSED OF IN ACCORDANCE WITH LOCAL REGULATION ON A REGULAR BASIS.
- WHEN TEMPORARY WASHOUT FACILITIES ARE NO LONGER REQUIRED FOR THE WORK, THE HARDENED CONCRETE SHALL BE REMOVED AND DISPOSED OF. MATERIALS USED TO CONSTRUCT THE WASHOUT FACILITIES SHALL BE REMOVED FROM THE SITE OF THE WORK AND DISPOSED OF.

TEMP. CONCRETE WASHOUT FACILITY
(BELOW GRADE)
N.T.S.



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565 White Pond Dr. Akron, OH 44320-1123
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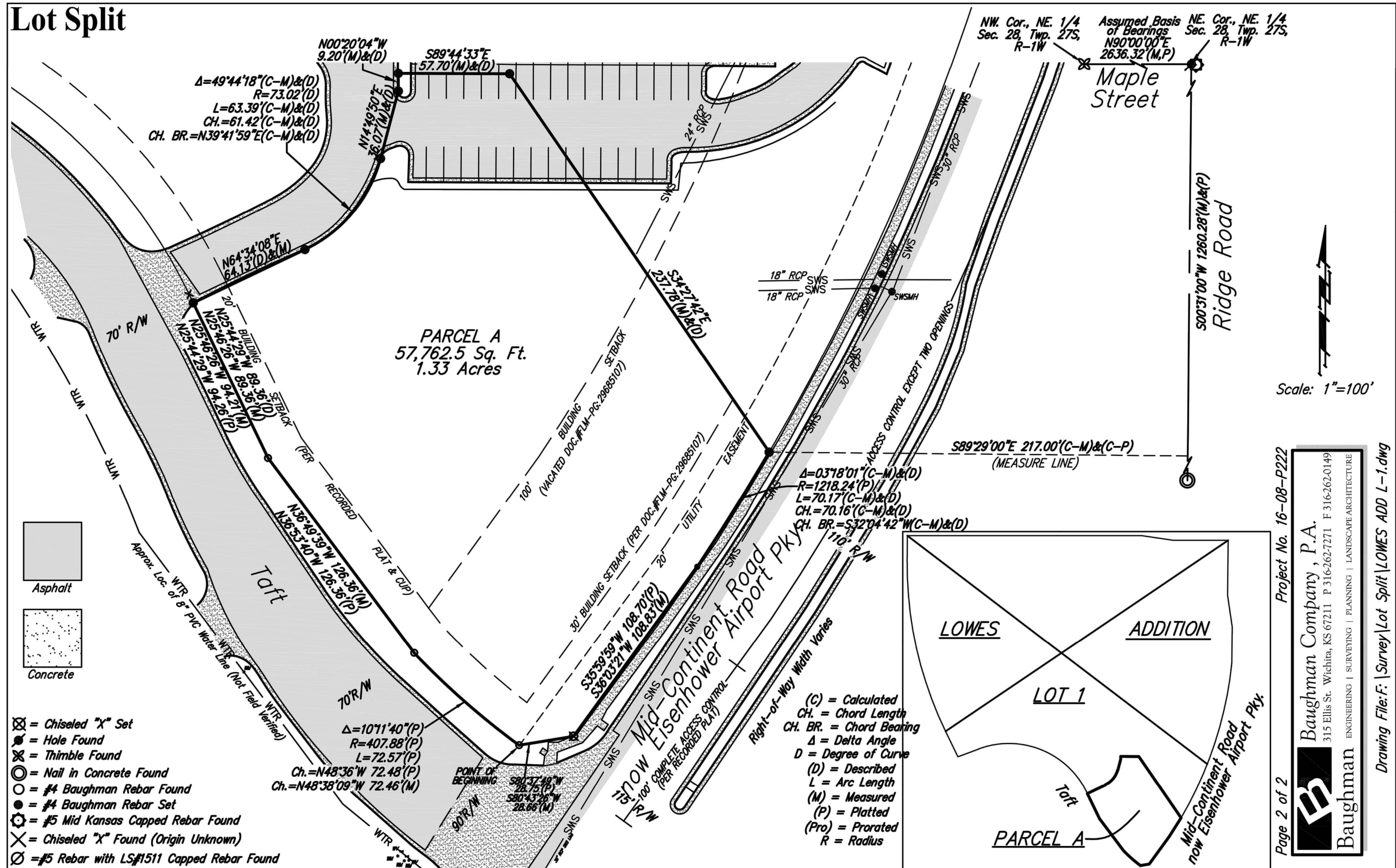
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SHEET
PPD EROSION CONTROL DETAILS

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Lot Split

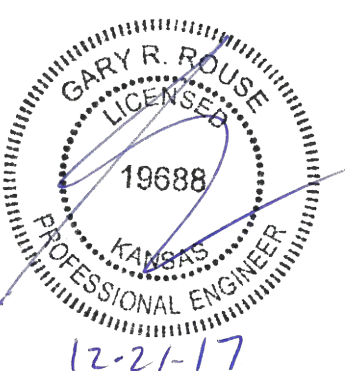


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12-2-17

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COPY OF PLAT

SHEET NUMBER
7 OF 7