LINE TYPE LE	GEND
	EX CONT MAR TREE LINE FEMA ELEV FEMA LIMIT PANEMENT RMAL CHANUM/MARE FENCE ROOD/MYN. FENCE OVERNIEAD ELEC DIELEPHONE LINE RREE OPTIC LINE MATERIANE
7777	FLOODWAY



- SLOPE/LEVEE



UTILITY CONTACT INFORMATION

EVERGY

16215 W 108TH ST LENEXA, KS 66219 785-249-1948 888-544-4852

WATER: WATERONE

10747 RENNER BLVD LENEXA, KS 66219 913-895-1806 913-895-1800

SEWER: CITY OF OLATHE

100 E. SANTA FE STREET OLATHE, KS 66061 913-971-9311

ATMOS ENERGY CORPORATION

25090 W 110TH TERRACE **OLATHE, KS 66061** 866-322-8667 888-286-6700

TEL/COM: AT&T

800-778-9140

COMCAST 816-918-2895

PERTINENT DATA

OWNER: TRUITY CREDIT UNION SITE ADDRESS: 11190 S LONE ELM ROAD

OLATHE, KANSAS 66061 DP69650000 0044

PARCEL ID: ZONE: CP-2 PLANNED COMMUNITY CENTER

TOTAL AREA: 1.05 ACRES (45,655 S.F.) FIRE DISTRICT: OLATHE FIRE DEPARTMENT

WATER COMPANY: WATERONE

SEWER DISTRICT: JOHNSON CO WASTEWATER

ELECTRIC COMPANY: EVERGY

GAS COMPANY: ATMOS ENERGY

LEGAL DESCRIPTION

This is a survey and plat of part of the NE¼ of Section 15, T13S, R23E, Johnson County, Kansas, and a resurvey and replat of Lot 40, SHOPS OF SUNNYBROOK, a subdivision in the City of Olathe, Johnson County, Kansas, more particularly described as follows:

described as follows:

Commencing at the ME corner of the MEs of Section 15, T13S, R28E, Johnson County, Komass, thoroe S 02**1236**E, along the East like of said MEs, a distance of 73.00 feet, thoroe S 52**1235**W, portale with the Neith intel of 4344 MEs, a distance of 73.00 feet to purely with of Cholege Sectional (T116 Diseas), an placed, and on the West of 73.00 feet to purely with of Cholege Sectional (T116 Diseas), an placed, and on the West of 73.00 feet to purely with of Cholege Sectional (T116 Diseas), and placed, and on the West of 73.00 feet to purely with of 1344 Disease of 73.00 feet to purely with of 1344 Disease of 73.00 feet to purely with of 1344 Disease of 73.00 feet to 73.0

SHEET INDEX

CPSDP 1.0 TITLE SHEET CPSDP 2.0 NOTES

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CPSDP 4.0 SITE PLAN CPSDP 4.1 GRADING PLAN CPSDP 5.0 DRAINAGE AREA MAP

CPSDP 6.0~6.1 PRE-DEVELOPMENT/POST-DEVELOPMENT CN MAP

CPSDP 7.0 DETAILS AND CALCULATIONS CPSDP 8.0 LIGHTING PLAN PHOTOMETRIC PLAN

CPSDP 8.1 CPSDP 9.0 LANDSCAPE PLAN

SITE DATA

OPEN SPACE: 0.56 AC. (53.3%) 0.06 AC. (5.7%) BUILDING: 0.43 AC. (41.0%) PAVEMENT: TOTAL: 1.05 AC. (100.00%)

PARKING DATA

1 SPACE / 400 SQFT= 6.4 = 7 SPACES

PROVIDED: 10 SPACES

1 ADA 11 TOTAL SPACES

FLOOD STATEMENT

ACCORDING TO THE F.E.M.A. FLOOD INSURANCE RATE MAP NUMBER 20091C0063G, REVISED 08/3/2009, THIS TRACT GRAPHICALLY LIES IN OTHER AREAS, ZONE X, DEFINED AS AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE

STORMWATER DATA

STORMWATER DETENTION AND QUALITY ARE PROVIDED OFFSITE

STOCK AND ASSOCIATES CONSULTING ENGINEERS, INC. AND THE UNDERSIGNED ENGINEER HAVE NO RESPONSIBILITY FOR SERVICES PROVIDED BY OTHERS TO IMPLEMENT THE IMPROVEMENTS SHOWN ON THIS PLAN AND BY OTHERS TO MINICIPANT THE MINICIPANT STOWN ON THIS PLAN AND LALL OTHER DRANNINGS WHERE THE UNDERSINGED FOR DOWNER'S SCALA APPEARS. OF THE OWNER AND CONTRACTOR. STOCK AND ASSOCIATES CONSULTING DERIVERS, INC. HAS NO RESPONSIBILITY TO VERFY FIRML MIPPOCHEMIST AS SHOWN ON THIS PLAN UNLESS SPECIFICALLY ENGAGED AND AUTHORIZED TO DO SO BY THE OWNER OR CONTRACTOR.

UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN FLOTTED UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN FLOTTED ON THE STRUCTURES AND WITHOUT AND THE BETTER TO NOT NECESSARILY REFLECT THE ADTIAL BUSTENCE, NON-ENSISTENCE, SIZE, TYPE, NUMBER, FOR LOCATION OF PHESE FACILITIES, STRUCTURES AND EXCESSARILY REPLECT THESE FACILITIES, STRUCTURES AND THESE FLOTTED STRUCTURES, AND UTILITIES STRUCTURES AND UTILITIES AND UTILIT

GEOTECHNICAL NOTE

CONTRACTOR SHALL READ THE GEOTECHNICAL ENDNICERING REPORT, "TRUITY CU — 0.LATHE," TERRACON PROCET INC. 02255024 BR. DATE MARCH 21, 2026 (KOLE C. BERG, PE. 16720) IT IS THE CONTRACTOR'S REPONSIBILITY TO FOLLOW ALL RECOMMENDATIONS AS OUTLINED IN THE GEOTECHNICAC, REPORT.

KANSAS,

OLATHE,

ROAD,

ELM

SLONE

11190

Y SITE DEVELOPMENT PLAN/ DVEMENT PLANS FOR: Y CREDIT UNION TRUITY



GEORGE M. STOCK 13430 CIVIL ENGINEER

REVISIONS: 30% REVIEW SET 9-29-25 PRELIMINARY SITE DEVELOPMENT PLAN 10-24-25

11/05/2025 - 90% REVIEW SET 11/20/2025 - PRELIMINARY SITE DEVELOPMENT PLAN REVISED PER

9/29/2025

TITLE SHEET

CPSDP 1.0

PREPARED FOR

Truity Credit Union Attn: Mark Wilburn 501 S Johnstone Avenue Bartlesville, OK 74003

GENERAL NOTES

SAFETY MOTICE TO CONTRACTOR. IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES. THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY REPORMISE FOR CONTINIONS OF THE OSS STEEL MICLIONS SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAN, WORKINGH HOUSE.

THE CONTRACTOR SHALL ALSO BE SOLELY RESPONSIBLE FOR THE SAFETY FOR THE GENERAL PUBLIC AND PASSERBY WITH RESPECT TO WORK ZONE AREAS. MEANS AND METHODS AND PEDESTRIAN SAFETY

ALL EXCAVATIONS. WHETHER THEY ARE FOR RETAINING WALLS, UTILITY TRENCHES OR FOOTING EXCAVATIONS, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA "CONSTRUCTION STANDARDS FOR EXCAVATIONS"

- PROPERTY LINES, EASEMENTS AND TOPOGRAPHIC SURVEY BY OTHERS.
- ALL UTLITIES, STRUCTURES AND UNDERGROUND FACILITIES HAVE BEEN PLOTTED FROM BEST AVAILABLE RECORDS. THEREFORE, THE RELATIONSHIP BETWEEN PROPOSED WORK AND EXISTING FACILITIES, STRUCTURES AND UTLITIES MUST BE CONSIDERED APPONUMETA, AND ITS IN THE CONTRACTOR SEEPONSIBILITY TO DETERMINE THERE ICACATION AND THE EXISTENCE OF ANY NOT SHOWN. THE CONTRACTOR HAS THE RESPONSIBILITY TO NOTIFY ALL UTILITY COMPANIES, PRIOR TO CONSTRUCTION, TO MAVE EXISTING UTLITIES FIELD LOCATION, UNCOVERED MAD DETHY SERREITO TO AVGID CONFLICTS.
- IT IS NOT WARPANTED THAT THESE DLANS CONTAIN COMPLETE INFORMATION RECAPDING EASEMENTS. RESERVATIONS THIS NOT WARROWN BUTTAIN THESE PLANS CONTAIN COMPLETE INFORMATION REGARDING EASEMENTS, RESERVATIONS, RESTRICTIONS, RIGHT-OF-WAY, BUILDING LINES AND OTHER ENCUMBRANCES. FOR COMPLETE INFORMATION, A TITLE OPINION OR COMMITMENT FOR TITLE INSURANCE SHOULD BE OBTAINED.
- THIS PLAN IS SUBJECT TO ALL LOCAL, STATE AND FEDERAL REGULATIONS. THERE HAS BEEN NO WETLAND DELINEATION OR ENVIRONMENTAL DATA PROVIDED TO THIS ENGINEER PRIOR TO DESIGNING THIS PLAN.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY CONFLICTS WITH PROPOSED IMPROVEMENTS.
- IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE HE HAS THE LATEST SET OF IMPROVEMENT PLANS. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR COORDINATING ALL PERMIT PLAN SETS AND ANY SUBSEQUENT PLAN ISSUANCES
- IMPROVEMENTS SHALL BE STAKED IN THE FIELD BY THE CONTRACTOR AND DEVIEWED BY THE ARCHITECT AND OWNER DRICK INDIVIDUALIZATION, CONTRACTOR SHALL REVIEW OF THE STEER SHALL DEVIEW OF THE SHALL DEVIEW OF TH
- THE CONTRACTOR SHALL MAINTAIN A COMPLETE SET OF RECORD DRAWINGS AT THE JOB SITE AND MARK THEREON ANY CHANGES AS THE WORK PROCEEDS. THE CONTRACTOR SHALL SUBMIT COMPUTER GENERATED, LEGIBLE RECORD DRAWINGS TO THE ENGINEER PRIOR TO FINAL INSPECTION AND ACCEPTANCE.
- ALL WORK WITHIN PUBLIC RIGHT-OF-WAY SHALL BE TO CITY OF OLATHE KANSAS STANDARDS, WHERE APPLICABLE
- ALL MATERIALS AND METHODS OF CONSTRUCTION TO MEET THE CURRENT STANDARDS AND SPECIFICATIONS OF CITY OF
- THE CONTRACTOR SHALL COORDINATE AND/OR OBTAIN ALL NECESSARY LOCAL, STATE, AND FEDERAL PERMITS RELATED TO CONSTRUCTION OF THE IMPROVEMENTS
- PRIOR TO BEGINNING ANY WORK. THE CONTRACTOR SHALL CONTACT THE OFFICE OF THE OWNER FOR SPECIFIC INSTRUCTIONS RELEVANT TO THE SEQUENCING OF WORK
- ALL WORK MUST BE PERFORMED WITHIN EXISTING OR ACQUIRED EASEMENTS. AGENCY APPROVAL OF THESE PLANS DOES NOT AUTHORIZE OR CONDONE WORK OUTSIDE OF THE EASEMENTS.
- THE DEVELOPER OR OWNER IS ADVISED THAT UTILITY COMPANIES MAY REQUIRE COMPENSATION FOR RELOCATION OF THER FACILITIES WITHIN THE PIBLIC RENOTHOR-FOWAY. THE DEVELOPER OR OWNER SHALL ALS DIE MADE AWARE OF EXTENSIVE DELAYS IN UTILITY COMPANY RELOCATIONS AND ADJUSTMENTS WHICH MAY OCCUE.

 THE DELAYS DUE TO UTILITY RELOCATION AND ADJUSTMENTS WILL NOT CONSTITUTE A CAUSE TO ALLOW OCCUPANCY PRIOR TO COMPLETION OF ROAD IMPROVEMENTS.
- THE CONTRACTOR SHALL VERIEV PRODOSED AND COORDINATE PRODOSED SERVICES AND LOCATIONS OR RELOCATIONS WITH AL UTILITIES, CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN ALL UTILITY PERMITS. UNLESS SPECIFICALLY MENTION
- ALL PROPOSED UTILITIES TO BE LOCATED UNDERGROUND, UNLESS STATED OTHERWISE
- ALL HYDRANTS, POWER POLES OR OTHER OBSTRUCTIONS SHALL HAVE A MINIMUM TWO FOOT SETBACK FROM FACE OF CURB OR EDGE OF SHOULDER OF THE LITHAUTE PAYMENT SECTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONFIRMING THE REQUIREMENT, PHONO TO CONSTRUCTION, ANY LOCATION WHICH DOES NOT MEET THIS REQUIREMENT SHALL BE REPOUGHT TO THE ENGINEER'S ATTENTION MISEDIATELY. THE CONTRACTOR SHALL ASSUME ALL LUBBILITY IF CONFLICTS ARE NOT BROUGHT TO THE ENGINEER'S ATTENTION FOR A DETERMANTION HOW TO PROCEED PRIOR TO CONSTRUCTION.
- ALL TRAFFIC CONTROL DEVICES SHALL COMPLY WITH THE CURRENT EDITION OF THE MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND KDOT, WHERE APPLICABLE.
- 20. ACCESS TO PRIVATE PROPERTIES SHALL BE MAINTAINED AT ALL TIMES. EXISTING COMMERCIAL ENTRANCES MAY HAVE ACCESS RESTRICTED TO 1/2 OF THE ENTRANCE AT A TIME. UNLESS OTHERWISE APPROVED IN THIS PLAN SET
- NO SIDEWALK SHALL BE REMOVED WITHOUT CONFIRMING ADEQUATE PEDESTRIAN FACILITIES WILL EXIST DURING CONSTRUCTION PROJECT NEEDS TO PROVIDE CONTINUOUS PEDESTRIAN ACCESS DURING CONSTRUCTION LINESS APPROVED ELSEWHERE. FOR SIDEWALK REMOVAL/REPLACEMENT VERIFY THERE IS ADEQUATE PEDESTRIAN ACCESS AROUND SITE, OR
- IF A PEDESTRIAN DETOUR PLAN IS NOT INCLUDED IN THIS PLAN SET, THE CONTRACTOR SHALL BE RESPONSIBLE FOR CREATING A DETOUR PLAN AND SUBMITTING SAID PLAN TO THE ENGINEER AND AGENCIES FOR REVIEW AND APPROVAL.
- 23. ALL SIDEWALKS, CURB RAMPS, RAMPS, ACCESSIBLE PARKING SPACES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT APPROVED "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES" (ADAAG) ALONG WITH THE GRADES. CONSTRUCTION MATERIALS. SPECIFICATIONS, AND SIGNAGE, IF ANY CONFLICT OCCURS BETWEEN THE ABOVE INFORMATION AND THE DI ANS. THE ADAG CHIDELINES SHALL TAKE PRECEDENCE AND THE CONTRACTOR PRIOR TO ANY CONSTRUCTION SHALL NOTIFY THE ENGINEER. THE CONTRACTOR SHALL VERIFY THESE IMPROVEMENTS WITH THE ENGINEER PRIOR TO
- THE CONTRACTOR SHALL BE MADE AWARE THAT CERTAIN EXCEPTIONS TO ADA REQUIREMENTS MAY BE APPLICABLE. UNLESS SPECIFICALLY NOTED WITHIN THIS PLAN SET, THE CONTRACTOR SHALL ASSUME THAT NO EXCEPTION WILL APPLY.
- ALL SIDEWALKS (THICKNESS AND WIDTH) AND CURB RAMPS TO BE CONSTRUCTED IN ACCORDANCE WITH ADA AND CITY OF
- ANY DISTURBED OFF-SITE PROPERTY (I.E. BUSHES, TREES, FENCES, MAILBOXES, ETC.), WHICH MAY NOT BE LABELED, SHALL BE REPLACED IN-KIND AT THE DEVELOPER'S EXPENSE
- 27. SIGNAGE SHALL BE IN ACCORDANCE WITH CITY OF OLATHE KANSAS SIGN ORDINANCE(S)

DEMOLITION NOTES

- CONTRACTOR SHALL VISIT THE PROJECT SITE TO DETERMINE EXTENT OF DEMOLITION
- USE OF EXPLOSIVES OR BURNING IS NOT PERMITTED
- PAVEMENT AREAS, CURBS, BUILDINGS, TREES, ETC, SHALL BE REMOVED IN COMPLIANCE WITH ALL GOVERNING AGENCIES
- CONTRACTOR SHALL OBTAIN HAUL ROUTE APPROVAL FROM CITY OF OLATHE KANSAS PRIOR TO COMMENCEMENT OF HAULING
- THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE LITH ITY COMPANY PRIOR TO REGINNING ANY WORK THAT WILL AFFECT AN
- CONTRACTOR TO COORDINATE RELOCATIONS, ABANDONMENT OR REMOVAL OF EXISTING UTILITIES WITH UTILITY COMPANIES TO AVOID INTERRUPTION OF SERVICE TO BUILDINGS OUTSIDE OF SPECIFIED PHASE OF WORK.
- CONTRACTOR SHALL COORDINATE ALL UTILITY SERVICE INSTALLATIONS, REMOVALS, RELOCATIONS AND ABANDONMENT WITH PROPOSED IMPROVEMENTS. CONTRACTOR SHALL AVOID CONDITION WHERE NEW PAVEMENT, CURBING, SIDEWALK, ETC. WILL BE DISTURBED BY UTILITY INSTALLATION.
- 8. ALL EROSION CONTROL AND SILTATION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO DEMOLITION.
- PROTECT EXISTING TREES AND VEGETATION INDICATED TO REMAIN SHALL BE PROTECTED AGAINST UNNECESSARY CUTTING OR SKINNING OF ROOTS. BRANCHES OR BARK, SMOTHERING OF TREES BY STOCKPULE MATERIAL, OR PARKING VEHICLES WITHIN DRIPLING PROTECT TREES AND VEGETATION TO REMAIN WITH TEMPORARY CONSTRUCTION FENCING, PRIOR TO SITE CLEARING OPERATIONS.
- EXISTING PROPERTY CORNERS AND/OR SURVEY MONUMENTS DISTURBED BY CONSTRUCTION TO BE REMOVED AND REPLACED BY
- REMOVAL AND/OR ABANDONMENT OF EXISTING SEWERS SHALL BE IN ACCORDANCE WITH THE STANDARD CONSTRUCTION SPECIFICATIONS FOR SEWER AND DRAINAGE FACILITIES OF THE CITY OF OLATHE KANSAS, WHERE APPLICABLE.
- 12 EVISTING SEWERS INDICATED TO BE REMOVED AND/OR ARANDONED SHALL BE SECURELY BLOCKED AT ANY POINTS OF INTAKE OR DISCHARGE OF THE SYSTEM TO REMAIN) WITH THE BULKHEAD OR PREFORMED PLUG. IF THE SEWER IS ABANDONED, IT SHALL BE COMPLETELY FILLED WITH GROUT.
- ANY SEWER INLETS INDICATED TO REMAIN IN PLACE BUT ARE CHOKED SHALL BE CLEANED OUT AND POSITIVE FLOW SHALL BE VERIFIED.
 IF INLETS ARE UNABLE TO BE REPAIRED, THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY.
- EXISTING WATER METERS, HYDRANTS AND VALVES INDICATED TO REMAIN SHALL HAVE CONNECTING PIPES FIELD LOCATED AND ANY CONFLICTS WITH THE PROPOSED IMPROVEMENTS SHALL BE REPORTED TO THE ENGINEER
- CONSTRUCTION DEBRIS, INCLUDING BUT NOT LIMITED TO, CONDUIT, DUCTS, FITTINGS, VALVES, PIPES AND OTHER DEBRIS TO BE REMOVED, SHALL BE DISPOSED OF OFF-SITE, AND IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.
- CONTRACTOR TO PROVIDE ALL NECESSARY FENCING, BARRICADES, SIGNAGE, ETC. FOR PEDESTRIAN SAFETY DURING SITE
- 17. A PEDESTRIAN DETOUR PLAN SHALL BE IMPLEMENTED IF PUBLIC SIDEWALKS ARE TO BE CLOSED DURING CONSTRUCTION
- DEMOLITION LIMITS OF EXISTING SIDEWALK, CURB LINE, CURB RAMPS AND ROADWAY HAS BEEN APPROXIMATED AND SHOWN ON THE DEMOLITION SHEET(S)
- REMOVAL OF PAVEMENT, CURB & GUTTER, SIDEWALKS, ETC. SHALL BE TO THE NEAREST EXISTING JOINT OR FULL DEPTH SAWCUT AT
- 20. SAWCUTTING, CURB AND PAVEMENT REMOVALS TO BE COORDINATED WITH INSTALLATION OF PROPOSED UTILITY MAINS AND SERVICES
 WITH INSTALLATION OF PROPOSED UTILITY MAINS AND SERVICES. CONTRACTOR TO CONTACT UTILITY COMPANIES TO COORDINATE
 PAVEMENT REMOVAL ANDIOR REPLACEMENT BY UTILITY COMPANY WITH ON SITE DEMOLITION BY CONTRACTOR.
- 21. EXISTING PAVEMENT SHOWN TO BE REMOVED SHALL REQUIRE BACKFILL AND PROPER COMPACTION WITH GRADES TO BE RE-ESTABLISHED TO AVOID CONDITIONS WHERE PONDING WATER OCCURS.
- DEBRIS AND FOUNDATION MATERIAL FROM ANY EXISTING ON-SITE BUILDING OR STRUCTURE WHICH IS SCHEDULED TO BE RAZED FOR THIS DEVELOPMENT MUST BE PROPERLY DISPOSED OF OFF-SITE.
- CONTRACTOR TO COORDINATE REMOVAL AND/OR DISCONNECTION OF EXISTING SERVICE LINES TO ANY BUILDING PRIOR TO BUILDING DEMOLITION.

GRADING NOTES

- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTORS TO CONSULT PROJECT GEOTECHNICAL ENGINEER(S), FOR REVIEW OF THIS PLAN PRIOR TO GRADING DEPARTIONS AND EDG GRADING PERCAMMENDATIONS AND EIGH IN TESTING
- PROPOSED GRADES AND CONTOURS SHOWN ARE TO FINISHED ELEVATION. CONTRACTOR TO ACCOUNT FOR ALL TOP FINISHES INCLUDING BUT NOT LIMITED TO PAVEMENT, SUB-BASES, SOD, TOPSOIL, RIP-RAP AND FIELD TOP MIXES.
- 4. ALL GRADING WILL UTILIZE STANDARD GRADING EQUIPMENT TO ACHIEVE THE PROPOSED GRADES SHOWN ON THIS PLAN.
- THE ENGINEER ASSUMES NO RESPONSIBILITY FOR COSTS INCURRED DUE TO UNSUITABLE MATERIAL THAT MUST BE REMOVED FROM SITE.
- ALL EXCAVATIONS, GRADING OR FILLING SHALL HAVE A FINISHED GRADE NOT TO EXCEED A 3:1 SLOPE (33%), UNLESS SPECIFICALLY APPROVED
- STREET RIGHT-OF-WAY AND UNDER ALL PAVED AREAS. ALL TESTS SHALL BE PERFORMED UNDER THE DIRECTION OF AND VERIFIED BY A SOILS
- 13. THE CONTRACTOR SHALL VERIFY THAT ALL AREAS WILL DRAIN POSITIVELY AND WITHOUT PONDING PRIOR TO INSTALLATION OF IMPROVEMENTS.
- 15 ANY WELLS CISTERNS AND/OR SPRINGS WHICH MAY EXIST ON THE DROPERTY SHOULD BE LOCATED AND SEALED IN A MANNER ACCEPTABLE TO
- 16. DESIGN OF SHORING FOR UTILITY TRENCHES AND/OR SEWER CONSTRUCTION IS THE RESPONSIBILITY OF THE CONTRACTOR, UNLESS OTHERWISE
- 18 CONTRACTOR SHALL OBTAIN HALL ROLLTE APPROVAL FROM CITY OF QUATHE KANSAS PRIOR TO COMMENCEMENT OF HALLING OPERATIONS IF

- ALL FROSION AND SILITATION CONTROL SHALL BE INSTALLED PRIOR TO STARTING CONSTRUCTION OR GRADING

- TOP OF SEWER STRUCTURE FLEVATIONS SHALL BE VERIFIED BY THE CONTRACTOR IN THE FIELD PRIOR TO FINAL INSTALLATION OF STRUCTURE
- NO EXCAVATION SHALL BE MADE SO CLOSE TO THE PROPERTY LINE AS TO ENDANGER ANY ADJOINING PROPERTY OF ANY PUBLIC OR PRIVATE STREET WITHOUT SUPPORTING AND PROTECTING SUCH PUBLIC OR PRIVATE STREET, PROPERTY OR UTILITY FROM SETTLING, CRACKING OR OTHER
 - EARTHWORK QUANTITIES ARE THE RESPONSIBILITY OF CONTRACTORS. THE CONTRACTOR IS RESPONSIBLE FOR HAUL-ON OR HAUL-OFF MATERIAL
- ALL FILLS AND BACKFILLS SHALL BE MADE OF SELECTED EARTH MATERIALS FREE FROM BROKEN MASONRY, ROCK, FROZEN EARTH, RUBBISH, ORGANIC MATERIAL AND DEBRIS, AND AS APPROVED BY THE PROJECT GEOTECHNICAL ENGINEER.
- ALL FILLS PLACED UNDER PROPOSED STORM AND SANITARY SEWER LINES AND/OR PAVED AREAS, INCLUDING TRENCH BACKFILLS AND WITHIN AND OFF THE ROAD RIGHT-OF-WAY. SHALL BE COMPACTED TO 90% OF MAXIMUM DENSITY AS DETERMINED BY THE "MODIFIED AASHTOT THE COMPACTION TEST" (ASTIMO 1555) FOR THE GENTINE DEPTH OF THE FILL COMPACTION. ENGINEER CONCURRENT WITH GRADING AND BACKFILLING OPERATIONS.
- SOFT SOLS IN THE BOTTOM AND BANKS OF ANY EXISTING OR FORMER POND SITES OR TRIBUTARIES OR ANY SEDIMENT BASINS OR TRAPS SHOULD BE REMOVED, SPREAD OUT AND PERMITTED TO DRY SUFFICIENTLY TO BE USED AS FILL. NONE OF THIS MATERIAL SHOULD BE PLACED IN PROPOSED PUBLIC RICHT-DE-VAVY LOCATIONS OR IN ANY STORM SEWER LOCATION.
- 14 STORMWATER TO BE DISCHARGED AT ADEQUATE NATURAL DISCHARGE POINT. SINKHOLES ARE NOT AN ADEQUATE NATURAL DISCHARGE POINTS
- CITY OF OLATHE KANSAS AND THE KANSAS DEPARTMENT OF HEALTH AND ENVIRONMEN
- NOTED IN THIS SET OF PLANS.
- 17. TRUCKS SHALL NOT EXCEED POSTED WEIGHT LIMITS FOR ANY ROAD TRAVELED OR BRIDGES DURING HAUL OPERATIONS.
- PROTECT EXISTING TREES AND VEGETATION INDICATED TO REMAIN SHALL BE PROTECTED AGAINST UNNECESSARY CUTTING OR SKINNING OF ROOTS, BRANCHES OR BARK, SMOTHERING OF TREES BY STOCKPLE MATERIAL, OR PARKING VEHICLES WITHIN DRIP LINE. PROTECT TREES AND VEGETATION OF REMAIN WITH TEMPORARY CONSTRUCTION FENCING, PRIOR TO SITE CLEARING OPERATIONS.

KANSAS,

OLATHE,

ROAD,

ELM

Ó 2 11190

PLAN UNION DEVELOPMENT IN PLANS FOR: MENT PLAN SITE TRUITY



REVISIONS: 30% REVIEW SET 9-29-25 PRELIMINARY SITE DEVELOPMENT PLAN 10-24-25

11/05/2025 - 90% REVIEW SET 11/20/2025 - PRELIMINARY SITE

9/29/2025

NOTES

CPSDP

2.0

STORM SEWER NOTES

- 1) ALL CONCRETE PIPE SHALL BE REINFORCED, AND CONFORM TO A S.T.M. DESIGNATION C76-80 CLASS LINESS NOTED.
- ALL SEWER CONSTRUCTION AND MATERIALS TO BE IN ACCORDANCE WITH THE CITY OF OLATHE KANSAS, STORM DRAIN AND SANITARY SEMER SPECIFICATIONS AND STANDARDS
- ALL TRENCHES UNDER AREAS TO BE PAVED AND UNDER EXISTING PAVING SHALL BE GRANULARLY FILLED WITH 3/4" CLEAN BACKFILL ONLY. BACKFILL SHALL BE PLACED IN ACCORDANCE WITH CITY OF OLATHE KANSAS STANDARDS. 3.)
- 4.) ALL TRENCH BACKFILLS UNDER PAVEMENT WITHIN THE PUBLIC RIGHT-OF-WAY SHALL BE GRANULAR BACKFILLED. TRENCH BACKFILLS UNDER PAVED AREAS, OUTSIDE OF PUBLIC RIGHT-OF-WAY SHALL BE GRANULAR BACKFILL IN LIEU OF THE EARTH BACKFILL COMPACTED TO 95 PERCENT OF THE STANDARD AASHTO T-99 COMPACTION TEST A.S.T.M. D-698.
- 5.) JETTING IS NOT AN ACCEPTABLE METHOD OF ACHIEVING BACKFILL COMPACTION. ALL BACKFILL MATERIAL SHALL BE MECHANICALLY COMPACTED TO AT LEAST 95 PERCENT OF THE MATERIAL'S STANDARD PROCTOR MAXIMUM DRY DENSITY.
- FOR SEWER PIPE (STORM AND SANITARY) WITH A DESIGN GRADE LESS THAN ONE PERCENT (1%), VERIFICATION OF THE PIPE GRADE WILL BE REQUIRED FOR EACH INSTALLED REACH OF SEWER, PRIOR TO ANY SURFACE RESTORATION OR INSTALLATION OF ANY SURFACE IMPROVEMENTS. THE CONTRACTOR'S RICE DESPERVISOR WILL BE REQUIRED TO PROVIDE DAILY DOCUMENTATION VERIFYING THAT THE AS-BUILT PIPE GRADE MEETS THE DESIGN GRADE THROUGH THE SUBMITTAL OF SIGNED CUT SHEETS TO THE CITY OF COLUMBIA INSPECTOR UPON REQUEST.

FIELD SURVEYED VERIFICATION MUST BE MADE UNDER THE DIRECTION OF A LICENSED LAND SURVEYOR OR REGISTERED FIELD SURVEYED VERHICATION MUST BE MADE UNDER THE DIRECTION OF A LICENSED JAND SURVEYOR OR REGISTERED HOMBIEST. FIELD VERHICATION MUST BE CRUINED TO DISCUSS AND REPLACE ANY SERVER FRACH HAVING AN A SEDULI GRADE SEWERS WITH GRADES GREATER THAN THE DESIGN SLOPE MAY BE LEFT IN PLACE, PROVIDED NO OTHER SEWER GRADE IS REDUCED BY THIS AVARANCE IN THE AS BUILT GRADE.

THE CITY ALSO RESERVES THE RIGHT TO REQUIRE THE CONTRACTOR TO REMOVE AND REPLACE ANY SEWER (AT ANY TIME PRIOR TO CONSTRUCTION APPROVAL) FOR WHICH THE AS-BUILT GRADE DOES NOT COMPLY WITH THE GRADE TO FRANCE STATED IN THE ABOVE PARAGRAPH.

THE SEWER CONTRACTOR SHALL BE RESPONSIBLE FOR ANY COSTS ASSOCIATED WITH THE FIELD VERIFICATION OF THE SEWER GRADE. OR REMOVAL AND REPLACEMENT OF THE SEWER PIPE OR ASSOCIATED APPURTENANCES.

ADJUSTMENT OF MANHOLE TO GRADE:
IF A MANHOLE IS TO BE RAISED: MANOLES MAY BE RAISED USING COURSES OF BRICK OR APPROVED GRADE RING(S), PROVIDED
THE TOTAL AUDITMENT OF THE MANHOLE DOES NOT EXCEED 12-INCHES (INCLUDING THE EXISTING RINGS OR COURSES OF BRICK). FOR MANHOLES WHICH WILL EXCEED THE MAXIMUM OF 12-INCHES, THE TRANSITION SECTION OF THE STRUCTURE SHALL BE REMOVED AND THE BOTTOM SECTION RAISED USING THE SAME MATERIAL AS THE EXISTING STRUCTURE

IF A MANHOLE IS TO BE LOWERED.

APWA / MARC BMP Manua

IF MINIMFREE IS OF BELOWERED. WHICH THE TRANSITION SECTION, AND LOWERING THE EXISTING BOTTOM SECTION BY MANHOLES MAY BE LOWERED BY REMOVING THE TRANSITION SECTION, AND LOWERING THE EXISTING CAST-IN-PLACE CONCRETE, REMOVING THE REQUIRED COURSES OF BRICK, OR REMOVING THE PRECAST RISES SECTION AS A PROPORTIATE.

SANITARY SEWER NOTES

- 1.) ALL SEWER CONSTRUCTION AND MATERIALS TO BE IN ACCORDANCE WITH THE CITY OF OLATHE KANSAS CONSTRUCTION AND MATERIAL
- 2.) 4° AND 6° LATERALS SHALL BE CONSTRUCTED OF SCHEDULE 40 PVC WITH SOLVENT WELD JOINTS OR SDR 26 PVC.
- 6.) ALL TRENCHES UNDER AREAS TO BE PAVED SHALL BE GRANULARLY FILLED WITH 3/4" CLEAN ROCK BEDDING, BACKFILL SHALL BE PLACED IN ACCORDANCE WITH THE CITY OF COLUMBIA PUBLIC WORKS SPECIFICATION AND STANDARDS.
- CONTRACTOR TO START LAYING PIPE AT DOWNSTREAM MANHOLE AND WORK UPSTREAM
- 8) CLEANOUTS SHALL BE LOCATED AT ALL HORIZONTAL AND VERTICAL CHANGES IN DIRECTION OF FLOW OF HOUSE LATERALS AND ANY SANITARY LATERAL OF 100 FEET OR LONGER.
- 9.) HAUNCH CATEGORY I BEDDING PER CITY STANDARDS REQUIRED FOR PIPES IN ROCK.
- 10.) VERTICAL CLEARANCE BETWEEN SEWER AND WATER MAINS SHALL BE A MINIMUM OF 2 0".
- 11.) ALL TRENCH BACKFILLS UNDER PAVEMENT WITHIN THE PUBLIC RIGHT-OF-WAY SHALL BE GRANULAR BACKFILLED. TRENCH BACKFILLS UNDER PAYED AREAS, OUTSIDE OF PUBLIC RIGHT-OF-WAY SHALL BE GRANULAR BACKFILL IN LIEU OF THE EARTH BACKFILL COMPACTED TO 95 PERCENT OF THE STANDARD AASHTO T-99 COMPACTION TEST A.S.T.M. D-698.
- JETTING IS NOT AN ACCEPTABLE METHOD OF ACHIEVING BACKFILL COMPACTION, ALL BACKFILL MATERIAL SHALL BE MECHANICALLY COMPACTED TO AT LEAST 95 PERCENT OF THE MATERIAL'S STANDARD PROCTOR MAXIMUM DRY DENSITY.
- 13) FOR SEWER PIRE GTORM AND SANTARY WITH A DESIGN GRADE LESS THAN ONE PERCENT (1%) VERRICATION OF THE PIPE GRADE WILL BE REQUIRED FOR EACH INSTALLED REACH OF SEWER PIPER OF AN SURFACE RESTRACTION OF NATULATION OF ANY SURFACE RESTRACTION OF ANY SURFACE ASSETS. THE CROSSING REACH PROQUEST HE SURFACE ASSETS THE SURFACE REACHER SURFACE ASSETS THE CROSSING REACHER PROQUEST HE SURFACE ASSETS THE CONTROL OF SURFACE ASSETS. INSPECTOR LIPON REQUEST

FIELD SURVEYED VERIFICATION MUST BE MADE UNDER THE DIRECTION OF A LICENSED LAND SURVEYOR OR REGISTERED ENGINEER. THE CONTRACTOR WILL BE REQUIRED TO REMOVE AND REPLACE ANY SEWER REACH HAVING AN AS-BUILT GRADE WHICH IS FLATTER.
THAN THE DESIGN GRADE BY MORE THAN 0.1% SEWERS WITH GRADES GREATER THAN THE DESIGN SLOPE MAY BE LEFT IN PLACE. PROVIDED NO OTHER SEWER GRADE IS REDUCED BY THIS VARIANCE IN THE AS-BUILT GRADE

THE CITY ALSO RESERVES THE RIGHT TO REQUIRE THE CONTRACTOR TO REMOVE AND REPLACE ANY SEWER (AT ANY TIME PRIOR TO CONSTRUCTION APPROVAL) FOR WHICH THE AS-BUILT GRADE DOES NOT COMPLY WITH THE GRADE TOLERANCE STATED IN THE ABOVE PARAGRAPH.

THE SEWER CONTRACTOR SHALL BE RESPONSIBLE FOR ANY COSTS ASSOCIATED WITH THE FIFLD VERIFICATION OF THE SEWER GRADE OR REMOVAL AND REPLACEMENT OF THE SEWER PIPE OR ASSOCIATED APPURTENANCES.

14.) ADJUSTMENT OF MANHOLE TO GRADE:

IF A MANHOLE IS TO BE RAISED: MANHOLES MAY BE RAISED USING COURSES OF BRICK OR APPROVED GRADE RING(S), PROVIDED THE IF A MARKHOLE IS 10 DE WISSELD WANTED SWIT DE RIVESED USING COURSES OF BRILD OF APPROVINGE GROBE RINGES, PROVINGED IT TOTAL ADJUSTMENT OF THE MANHOLE DOES NOT EXCEED 12-INCIDES (INCLIDING THE EXISTING RINGS OF COURSES OF BRICK), FOR MANHOLES WHICH WILL EXCEED THE MAXIMUM OF 12-INCIDES, THE TRANSITION SECTION OF THE STRUCTURE SHALL BE REMOVED AND THE BOTTOM SECTION RISED USING THE SAME MATERIAL AS THE EXISTING STRUCTURE.

IF A MANHOLE IN TO BE LOWERED: MANHOLES MAY BE LOWERED BY REMOVING THE TRANSITION SECTION, AND LOWERING THE EXISTING BOTTOM SECTION BY SAWGUTTING THE EXISTING CAST-IN-PLACE CONCRETE, REMOVING THE REQUIRED COURSES OF BRICK, OR REMOVING THE PRECAST RISER SECTION AS APPROPRIATE.

15.) FOUNDATION DRAINS, IF INSTALLED, SHALL NOT CONNECT TO THE SANITARY SEWER.

NOTE - SEE SHEETS CPSDP 6.0 AND 6.1 FOR PRE-DEVELOPMENT/POST-DEVELOPMENT ON MAPS.

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wc	RKSHEET 1: REQUIRED LEVEL OF SERVICE - UNDEVELOPED SITE		
	ect: Truty Credit Union By: DRM Date: 10-23-25 attom: outnet, ics Checked: gass Date: 10-23-25	WORKSHEET 2: DEVELOP MITIGATION PACKAGE(S) THAT MEET THE REQUIRED LS	
1.	Runoff Curve Number	Project: By Date: Location: Checked: Date: Sheet_of_	
A.	Predevelopment CN	PER CHEIF DEVELOPMENT ENGINEER, 1. Required LS (New Development, Wksht 1) or Total VR (Redevelopment, Wksht 1A): 7	\Box
	CN from Product of Cover Description Soil HSG Table 1 Area (ac.) CN x Area	CHARLIE LOVE, THIS AREA DRAINS TO DUAL WET-DETENTION BASINS. Note: Various BMPs may after CN of proposed development, and LS; recalculate both if applicable.	
	Positive / Fair D 80 1.00 80 Streets: Period D 90 0.05 4.9	2. Proposed BMP Option Package No. 1 Off-she Wet Detertion VR from	
		Treatment Table 4.4 Product of VR	
	Totals: 1.65 34.9	VALUE 1.135 V V/35	
	Totals: 1.65 94.9 Area-Weighted CN = total product/total area = 20 (Round to integer)		
		Total*: 1.05 Total: 9.45	
В.	Postdevelopment CN	"Weighted VR 9 9 total product/total a	
	CN from Product of	Total treatment area cannot exceed 100 percent of the actual site area. Blank in Roderedopment	
	Parament/Roof D 56 0,56 54.88 Ones D 60 49 39.30	Meets required LS (Yes/No)? yes (If No, or If additional options are being tested,	
		proceed below.)	
		3. Proposed BMP Option Package No VR from	
	Totals: 1.05 se.06	Treatment Table 4.4 Product of VR Cover/BMP Description Area or 4.5° x Area	
	Postdevelopment CN is one HSG higher for all cover types except preserved vegetation, absent documentation showing how postdevelopment soil structure will be preserved.	Contemplate Description Area 0.4.0 Area	
	Area-Weighted CN = total product/total area = [94 (Round to integer)		
C.	Level of Service (LS) Calculation Change in CNI		
	Predevelopment CN: 85 17% 8	Total*: Total: = total product/total a	
	Postdevelopment CN: 94 7 to 16 6	VR calculated for final BMP only in Treatment Train. Total freshment area cannot exceed 100 percent of the actual site area.	
	Difference: 9 116.3 IS	Dear treatment area common exceed nou percent or the actual size area. Blank in Redevelopment	
	Precovacyment CN	Meets required LS (Yes/No)? [If No, or if additional options are being tested, move to rext sheet.)	
	46 to 21 22 + 0		

PASSOCIETIES

Y SITE DEVELOPMENT PLAN/ OVEMENT PLANS FOR: Y CREDIT UNION KANSAS, OLATHE, TRUITY PRELIMINARY S IMPROVI ELM

36061

ROAD,

SLONE 11190

DATE:



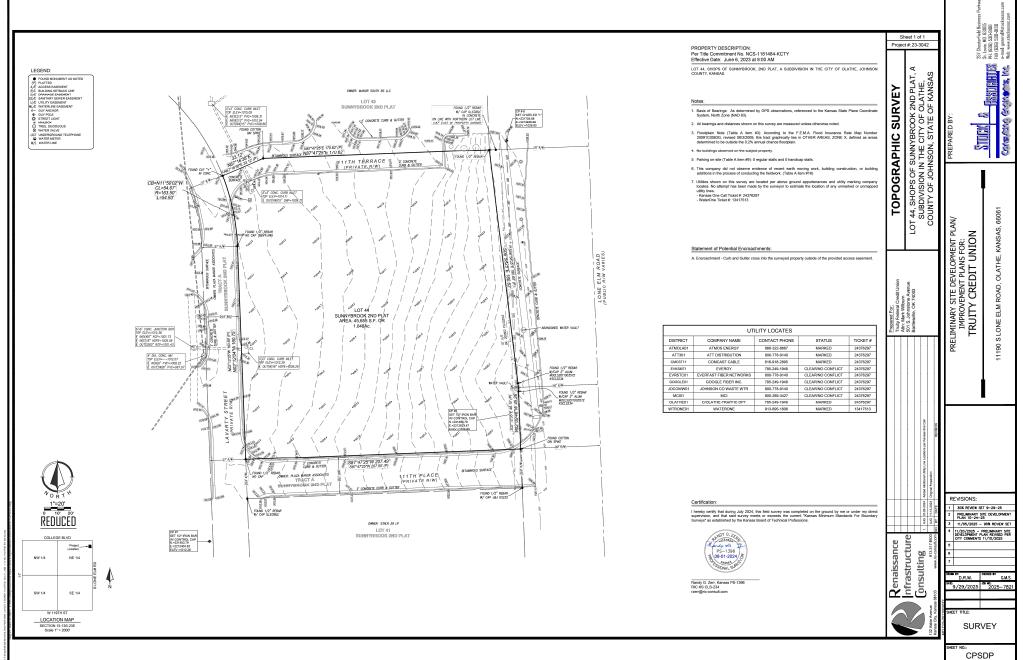
REVISIONS: 30% REVIEW SET 9-29-25 PRELIMINARY SITE DEVELOPMENT PLAN 10-24-25 11/05/2025 - 90% REVIEW SET 11/20/2025 - PRELIMINARY SITE DEVELOPMENT PLAN REVISED PER

9/29/2025

NOTES & LOS CALCULATIONS

> **CPSDP** 2.1

October 2012



3.0

