PLOTTED: Monday, June 23, 2025 @ 03:29PM

GENERAL NOTES

1. UNLESS SHOWN OR STATED OTHERWISE ON THESE DRAWINGS, MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH CITY OF WICHITA CONCRETE PAVEMENT AND ASPHALTIC CONCRETE PAVEMENT SPECIFICATIONS.

2. CONTRACTOR WILL BE REQUIRED TO PROVIDE A MINIMUM ADVANCE NOTICE OF SEVENTY–TWO (72) HOURS TO UTILITY COMPANIES PRIOR TO STARTING ANY EXCAVATION AS FOLLOWS:

KANSAS ONE–CALL	1–800–344–7233
OR (LOCAL WICHITA)	687–2470

THE CONTRACTOR MUST NOTIFY THE FOLLOWING IN CASE OF AN EMERGENCY:

AT&T	800–246–8464
BLACK HILLS ENERGY (GAS)	800–694–8989
CITY OF WICHITA WATER & SEWER	316–219–8921
CITY OF WICHITA STORMWATER	316–268–4090
CITY OF WICHITA TRAFFIC	316–268–4034
COX COMMUNICATIONS	888–249–3530
KANSAS GAS SERVICE	888–482–4950
EVERGY	800–544–4857

3. 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.

4. EXISTING UTILITIES AND THEIR LOCATIONS, AS SHOWN ON THE PLANS REPRESENT THE BEST INFORMATION OBTAINABLE FOR DESIGN. LOCATION INFORMATION HAS BEEN OBTAINED FROM THE VARIOUS UTILITY COMPANIES AND IS EITHER FROM COMPANY RECORD DRAWINGS OR COMPANY PROVIDED FIELD LOCATIONS. THE PLAN LOCATIONS SHOWN ARE NOT GUARANTEED. ADDITIONAL EXISTING UTILITIES MAY ALSO BE ENCOUNTERED.

5. 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 THAT, IN THE OPINION OF THE ENGINEER, WILL LEAVE AN UNSIGHTLY APPEARANCE WILL NOT BE APPROVED. ALL DISPOSAL SITES MUST BE APPROVED BY THE KANSAS DEPARTMENT OF HEALTH AND FLOOD PLAIN WOULD 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 WOULD REQUIRE ADDITIONAL ARCHAEOLOGICAL INVESTIGATIONS UNLESS BURIED IN A PREVIOUSLY APPROVED BORROW LOCATION.

6. ALL EARTHWORK COMPACTION SHALL BE 95% STANDARD DENSITY IN ACCORDANCE WITH ASTM D–698. BERM COMPACTION SHALL BE AT 90% STANDARD DENSITY. CONTRACTOR SHALL CORRECT ANY AREAS THAT DO NOT MEET COMPACTION REQUIREMENTS, INCLUDING AREAS TESTED BY THE CITY.

7. OTHER CONSTRUCTION MAY BE UNDER WAY SIMULTANEOUSLY WITH THIS PROJECT. THE CONTRACTOR SHALL COORDINATE WITH ANY CONTRACTORS CONSTRUCTING OTHER PORTIONS OF THE PROJECT.

8. EXCESS EXCAVATION SHALL BE STOCKPILED ON–SITE IN A LOCATION APPROVED BY THE OWNER

9. STAKING, TESTING AND INSPECTION WILL BE PROVIDED BY THE CITY OF WICHITA.

GENERAL GRADING NOTES

1. THIS IS DESIGN GRADING. ALL GRADES SHALL BE CONTOURED SMOOTHLY WITH GENTLE ROUNDING/SHAPING OF ALL AFFECTED LAND SURFACES. ABRUPT TRANSITIONS AT THE TOP OF SLOPES WHERE PROPOSED GRADES MEET EXISTING ARE NOT ACCEPTABLE. SURVEY STAKES FOR POND GRADING ARE FOR GENERAL GRADING PURPOSES ONLY. NOT ALL SLOPES ARE CONSTANT AND THEREFORE THE GRADING PLANS SHALL BE REFERRED TO FOR FINAL GRADE SHAPING. ALL BERMS & POND EDGES SHALL BE FINAL GRADED/SHAPED WITH A TRACK DOZER, NOT A BLADE. THE GRADING SHALL BE APPROVED BY MKEC'S LANDSCAPE ARCHITECT PRIOR TO THE ADDITION OF THE TOPSOIL LAYER.

2. EXISTING NATURAL AREAS (TREES & PASTURE) OUTSIDE OF THE NOTED LIMITS OF GRADING SHALL BE PRESERVED & SHALL BE OFF LIMITS TO ANY TYPE OF CONSTRUCTION ACTIVITY. TEMPORARY CONSTRUCTION FENCE SHALL BE ERECTED AROUND NOTED LOCATIONS PRIOR TO THE START OF CONSTRUCTION.

3. A 6" MIN. LAYER OF TOPSOIL SHALL BE STRIPPED IN ALL AREAS OF CUT AND FILL AND SAVED BACK FOR REPLACEMENT IN AREAS INDICATED. ANY EXCESS TOPSOIL SHALL BE SEPARATELY STOCK PILED ON–SITE AT AN APPROVED LOCATION. NO TOPSOIL SHALL BE PLACED WITHIN STREET R/W UNLESS SPECIFICALLY NOTED.

4. TOPSOIL SHALL BE REPLACED AT A MINIMUM DEPTH OF 6" IN ALL RESERVE AREAS, 4" ON LOTS, & 12" FOR BERMS. THE FINISHED GRADE SHOWN ON THE PLANS INDICATES THE SURFACE ELEVATION AFTER THE TOPSOIL LAYER HAS BEEN PLACED.

5. ANY REMAINING TOPSOIL, AFTER REPLACEMENT WITHIN RESERVE SPACES AND BERMS, SHALL BE SPREAD EVENLY ON LOTS. TOPSOIL SPREAD EVENLY ON LOTS SHALL BE ABOVE THE FINISHED GRADES INDICATED ON THE PLANS.

6. AFTER TOPSOIL STRIPPING, IF ITS DETERMINED THAT ADDITIONAL FILL MATERIAL IS NEEDED ABOVE THE COMPACTED FILL NUMBER SHOWN IN THE EARTHWORK SUMMARY, THE CONTRACTOR MAY USE TOPSOIL MATERIAL WITHIN THE LOTS, ONLY OUTSIDE OF THE SOIL PAD BOUNDARY. NO TOPSOIL SHALL BE PLACED WITHIN THE SOIL PAD BOUNDARY EXCEPT FOR REPLACEMENT ABOVE THE FINISHED GRADE INDICATED ON THE PLANS.

7. CONTRACTOR SHALL COORDINATE WITH OWNER'S REPRESENTATIVE ON HAUL ROAD ROUTES, IF OTHER THAN THOSE INDICATED ON THE PLANS.

8. REMOVAL OF EXISTING DRIVES, PAVEMENT, STRUCTURES, AND DEBRIS SHALL BE SUBSIDIARY TO SITE CLEARING AND RESTORATION. DEBRIS IF CRUSHED INTO SMALL PIECES MAY BE WASTED ON SITE UNDER THE PROPOSED BERMS. THERE SHALL BE A MINIMUM OF 3' OF SOIL COVER. CONCRETE DEBRIS MAY ALSO BE WASTED ON SITE IN PROPOSED PONDS AS FISH HABITATS. COORDINATE WITH OWNER'S REPRESENTATIVE.

9. AS THE PROJECT NEARS COMPLETION, THE CONTRACTOR SHALL RIP (SCARIFY) ALL HAUL ROADS WITH AN AGRICULTURAL IMPLEMENT INTENDED FOR SUCH PURPOSES TO A DEPTH OF 18". MULTIPLE PASSES MAY BE NECESSARY TO THOROUGHLY ALLEVIATE COMPACTION.

10. TESTING SHALL BE PROVIDED BY THE CONTRACTOR. TESTING SHALL BE PERFORMED UNDER THE DIRECTION OF A CERTIFIED ENGINEERING TECHNICIAN OR PROFESSIONAL ENGINEER. ALL TESTING METHODS AND EQUIPMENT SHALL BE BASED ON CURRENT ASTM AND/OR AASHTO REQUIREMENTS.

TESTING GUIDELINES:
- GENERAL EARTHWORK OUTSIDE OF PAVEMENT
  - ONE NUCLEAR DENSITY TEST PER 8" LIFT PER 2,000 SY. OR A MINIMUM OF 1 TESTS PER LOT PER LIFT (IN CENTER OF LOT).
- EARTHWORK WITHIN RIGHT–OF–WAY
  - ONE NUCLEAR DENSITY TEST PER 8" LIFT PER 500 SY.

11. PROPOSED GRADES IN THESE DRAWINGS REFLECT THE TOP OF ROADWAY AND TOP OF SURFACE ELEVATIONS. IT'S THE CONTRACTORS RESPONSIBILITY TO ADJUST THE ELEVATIONS TO REFLECT THE FUTURE PAVEMENT THICKNESS. REFER TO ROAD SECTION DETAILS ON GRADING DETAILS SHEET FOR TYPICAL ALLEY & ROADWAY CROSS–SECTIONS.

12. THE EARTHWORK SUMMARY SHOWN ON THIS SHEET IS AN EARTHWORK VOLUME WHICH EXCLUDES THE THICKNESS OF THE ASPHALT AND CRUSHED ROCK BASE. THE ELEVATION SHOWN ON THESE PLANS ARE FINISHED GRADE.

13. THE TOPS OF INLETS AND MANHOLES AS NOTED ON THE PLANS MAY VARY SO AS TO MEET PROPOSED TOP OF CURB ELEVATIONS OR PAVEMENT ELEVATIONS. THE FIELD ENGINEER SHALL LOCATE INLETS AND MANHOLES WITH REFERENCE TO PROPOSED PAVING PLANS OF THE PERTINENT STREETS. INLET DEPRESSIONS NEED TO BE TIED TO CURB, GUTTER, AND PAVING.

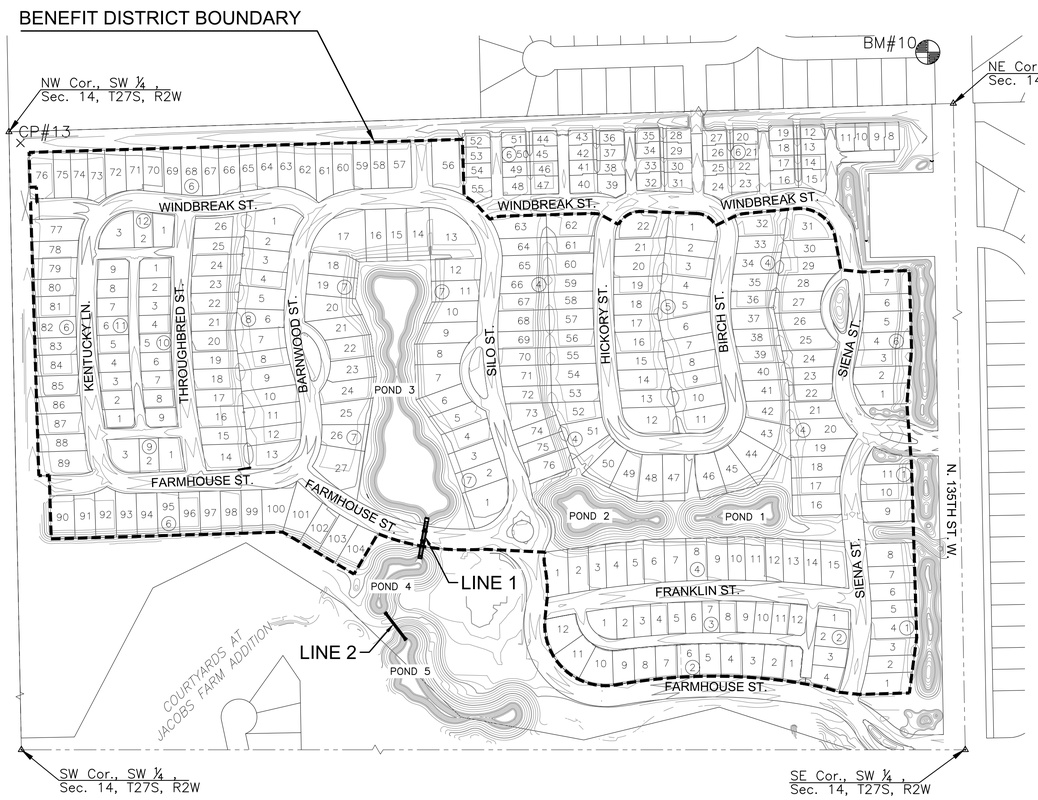
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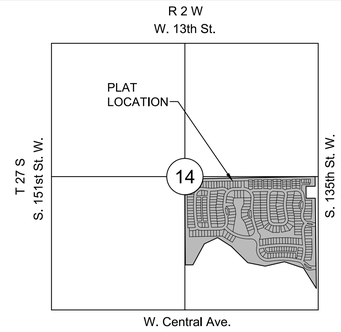
PHASE 1 - STORM WATER DRAINAGE #549 TO SERVE

COURTYARDS AT JACOBS FARM SECOND ADDITION

THE CITY OF WICHITA, KANSAS
PAUL GUNZELMAN, P.E. - CITY ENGINEER

PROJECT NO. 458-2025-085619
ORG CODE 47315525
MUNIS NO. E5101





VICINITY MAP

SCALE: NTS

INDEX TO DRAWING

SHEET NO.	DESCRIPTION
01	TITLE SHEET
02–06	DEMO PLAN
07	OVERALL GRADING PLAN
08–18	GRADING PLANS
19	SWS LINE 1 & 2
20–29	LOT CORNER GRADING PLANS
30–32	LOT CORNER POINTS
33–36	GRADING DETAILS
37–42	SWS DETAILS
43–47	EROSION CONTROL
48	SEEDING PLAN
49	SEEDING NOTES
50–54	BMP SHEETS
55–59	FINAL PLAT

EARTHWORK SUMMARY

EXCAVATION	137,400 C.Y.
EXCAVATION (CONTR. FURNISH)	4,500 C.Y.
*COMPACTED FILL (95%)	123,350 C.Y.

* 15% SHRINK/SWELL FACTOR ADDED

ADDITIONAL MATERIAL AVAILABLE ON-SITE FROM PIPE SPOILS.

Stormwater Certification:
~~Stormwater~~ New Development or Redevelopment (Circle One)

Stormwater Permit # _____

NOI Permit # KS NO.: S–AR94–2068; FED NO.: KSR124185

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) = 153.0 ACRES
Disturbed Area (Acres) = 97.0 ACRES
Water Quality Treatment: OFFSITE BMP PROGRAM
Downstream Channel Protection: N/A
Detention: N/A
The BMP used for this development is OFFSITE BMP PROGRAM

BENCHMARKS/CONTROL POINTS

DATUM:
THE HORIZONTAL DATUM IS BASED ON THE KANSAS COORDINATE SYSTEM OF 1983, NAD83(2011), EPOCH:2010.0000, SOUTH ZONE. COORDINATES SHOWN HAVE BEEN MODIFIED TO THE GROUND USING A COMBINED ADJUSTMENT FACTOR OF 1.000120144. STATE PLANE COORDINATES CAN BE CALCULATED BY MULTIPLYING THE SHOWN VALUES BY 0.99988.

ALL ELEVATIONS SHOWN ARE BASED ON THE NAVD 88 VERTICAL DATUM, GEOID18.

CONTROL POINTS:
CP1
N: 1687833.941 E: 1597017.365 EL: 1388.832
5/8"X 24" REBAR W/ ALUM. MKEC CONTROL CAP NE OF THE SW CORNER OF SECTION 14. BASE POINT.

CP12
N: 1687798.979 E: 1599657.272 EL: 1364.675
5/8"X 24" REBAR W/ ALUM. MKEC CONTROL CAP SE OF THE S1/4 CORNER OF SECTION 14.

CP13
N: 1690394.971 E: 1599584.309 EL: 1365.514
5/8"X 24" REBAR W/ ALUM. MKEC CONTROL CAP SE OF THE CENTER CORNER OF SECTION 14.

BENCHMARKS:
BM10
N: 1690648.796 E: 1602120.242 EL: 1351.535
MAGW IN TOP OF CURB NEAR THE NW CORNER OF SOUTH INLET ON LOST CREEK AND 135TH.

BM11
N: 1687910.359 E: 1602163.413 EL: 1349.135
MAGW IN TOP CONCRETE TRAFFIC SIGNAL MH AT THE NW QUADRANT OF 135TH AND CENTRAL.

BM14
N: 1687789.809 E: 1600466.708 EL: 1359.015
FND XCUT ON N. END ISLAND TO HIGHLAND SPRINGS SUBDIVISION

NOTE:
ALL CONTROL POINTS SHOWN HAVE ELEVATIONS ESTABLISHED USING STANDARD SURVEYING PROCEDURES AND CAN BE USED AS TEMPORARY BENCHMARKS. WHEN USING A CONTROL POINT AS A TEMPORARY BENCHMARK, IT IS RECOMMENDED THAT CROSS–CHECKS BE MADE TO OTHER CONTROL POINTS OR BENCHMARKS TO CONFIRM ELEVATIONS PRIOR TO USE.

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SCOTT PRESTON SWAIM LICENSED 24423 KANSAS PROFESSIONAL ENGINEER
6/19/26

PHASE 1 - STORM WATER DRAINAGE #549 TO SERVE
COURTYARDS AT JACOBS FARM SECOND ADDITION
WICHITA, KS

TITLE SHEET

PROJECT NO. 458-2025-085619
SCALE 1" = 200'

DRAWN	DESIGNED	CHECKED
WJW	DFL	SPE

NO.	REVISION	DATE
0	ISSUED FOR CONSTRUCTION	06/19/2026

SHEET NO.
C-001-G01
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NOTES

1. PRIOR TO DEMOLITION ACTIVITIES, CONTRACTOR TO NOTIFY THE ENGINEER IMMEDIATELY SHOULD THERE BE ANY DISCREPANCIES OR IF THE EXISTING CONDITIONS VARY FROM THOSE SHOWN ON THESE PLANS.
2. ALL MATERIALS REMOVED FROM THE SITE SHALL BE DISPOSED OF PER LOCAL AND STATE REQUIREMENTS.
3. CONCRETE DEBRIS MAY BE WASTED IN BERMS UNDER A MINIMUM OF 5' OF COVER AND SMALL 15' DIAMETER BY 3' TALL PILES PLACED IN POND 3 (3 TOTAL PILES, 1 AT THE NORTH END, 2 AT THE SOUTH END).
4. CONTRACTOR TO COORDINATE WITH FRANCHISE UTILITY PROVIDERS FOR REMOVAL/RELOCATION OF EXISTING SERVICES.
5. CONTRACTOR SHALL BE RESPONSIBLE TO REPAIR AND REPLACE EXISTING CONCRETE SIDEWALK, CURB, AND ANY EXISTING PAVEMENT DAMAGED DURING CONSTRUCTION.
6. CONTRACTOR SHALL OBTAIN ALL PERMITS NECESSARY PRIOR TO THE START OF CONSTRUCTION, INCLUDING BUT NOT LIMITED TO, RIGHT-OF-WAY, HAULING AND LAND DISTURBANCE PERMITS WITH THE APPROPRIATE LOCAL JURISDICTION.
7. TREE REMOVAL TO INCLUDE THE REMOVAL AND BACKFILL OF THE ROOT BALL. LANDSCAPING ITEMS INCLUDING FENCE PROTECTION ARE SHOWN ON THIS PLAN FOR VISUAL PURPOSES ONLY. REF: LANDSCAPING PLANS FOR ALL TREE PRESERVATION, PROTECTION AND REMOVAL DESIGN ITEMS.
8. ALL DEMO IS SUBSIDIARY TO SITE CLEARING.

LEGEND

- 1250 — EXISTING MAJOR CONTOUR
- 1249 — EXISTING MINOR CONTOUR
- W — EXISTING WATERLINE
- EXISTING SANITARY SEWER
- OHE — EXISTING OVERHEAD ELECTRICAL
- G — EXISTING GASLINE
- FO — EXISTING FIBER OPTIC
- PL — EXISTING PROPERTY LINE
- X — EXISTING FENCELINE
- TREE PROTECTION FENCE
- FEATURES TO REMOVE
- STRUCTURES TO REMOVE
- EXISTING CONC. & PAV. REMOVAL
- EXISTING GRAVEL REMOVAL
- EXISTING TREES TO BE REMOVED

N

SCALE: 1" = 150'
0 150 300

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PROFESSIONAL ENGINEER
6/19/26

PHASE 1 - STORM WATER DRAINAGE #549 TO SERVE
COURTYARDS AT JACOBS FARM SECOND ADDITION
WICHITA, KS

OVERALL
DEMOLITION PLAN

PROJECT NO. 458-2025-085619
SCALE 1" = 150'

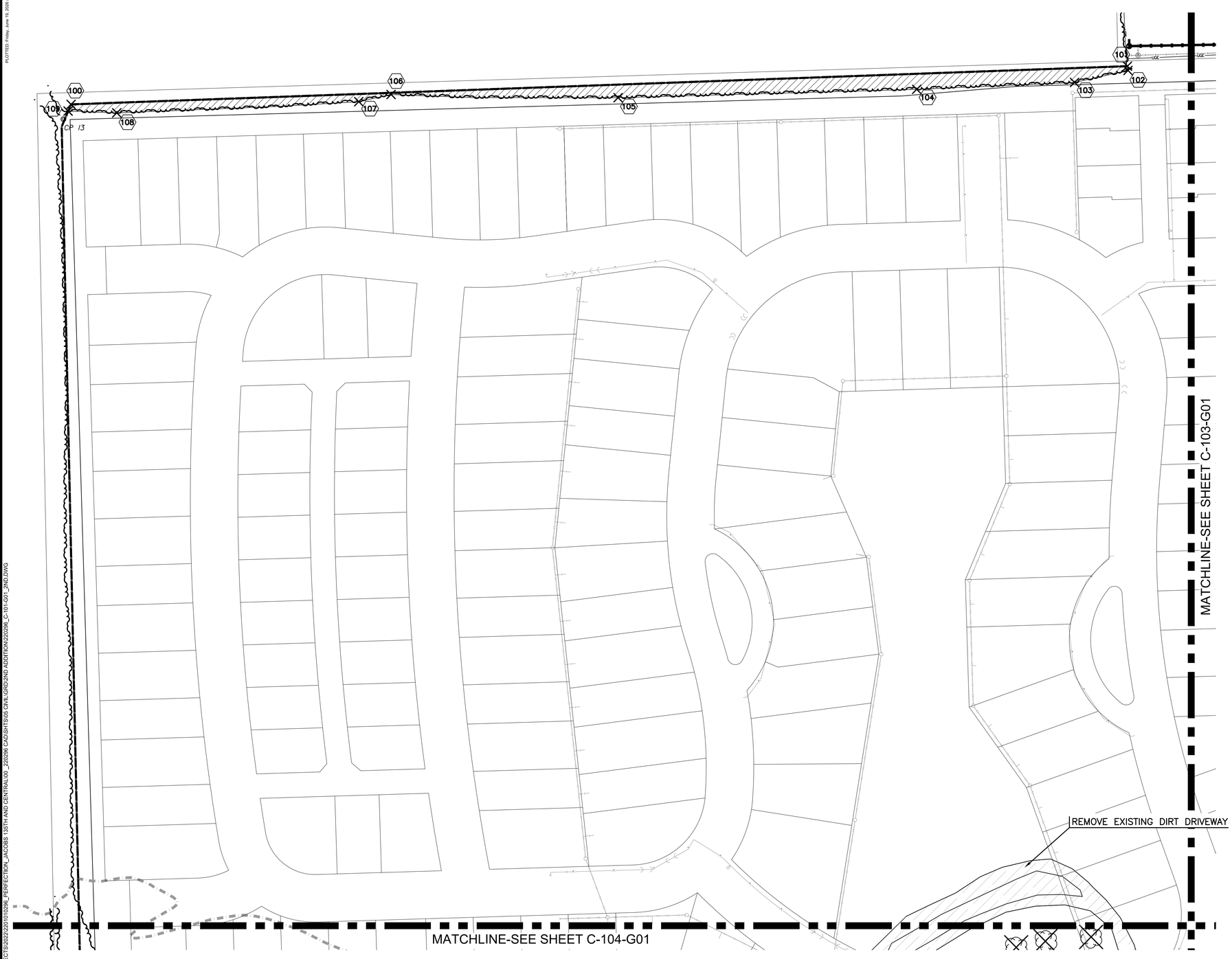
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WJW	DFL	SPE

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J:\PROJECTS\2022\2201010298_PERFECTION_JACOBS 135TH AND CENTRAL\00 _22029\E CAD\SHTS\05 CIVIL\GRD\2ND ADDITION\2202298_C-101-G01_2ND.DWG



LEGEND

- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- EXISTING WATERLINE
- EXISTING SANITARY SEWER
- EXISTING OVERHEAD ELECTRICAL
- EXISTING GASLINE
- EXISTING FIBER OPTIC
- EXISTING PROPERTY LINE
- EXISTING FENCELINE
- 100 YEAR FEMA FLOODPLAIN
- FEMA FLOODWAY
- TREE PROTECTION FENCE
- FEATURES TO REMOVE
- STRUCTURES TO REMOVE
- EXISTING CONC. & PAV. REMOVAL
- EXISTING GRAVEL REMOVAL
- EXISTING TREES TO BE REMOVED

DEMO POINTS		
Point #	Northing	Easting
100	1690413.04	1599593.67
101	1690459.71	1600882.72
102	1690454.49	1600883.42
103	1690439.87	1600818.21
104	1690431.43	1600625.63
105	1690421.23	1600261.20
106	1690425.13	1599984.16
107	1690416.38	1599944.73
108	1690402.71	1599649.42
109	1690404.89	1599590.04

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6/19/26

PHASE 1 - STORM WATER DRAINAGE #549 TO SERVE

COURTYARDS AT JACOBS FARM SECOND ADDITION

WICHITA, KS

DEMOLITION PLAN
(1 OF 4)

PROJECT NO,
458-2025-085619

SCALE
1" = 60'

DRAWN	DESIGNED	CHECKED
WJW	DFL	SPE

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J:\PROJECTS\2022\2201010\266_PERFECTION_JACOBS 135TH AND CENTRAL\00_2026\6 CAD\SHTS\05 CIVIL\GRD\2ND ADDITION\260266_C-101-G01_2ND.DWG

PLOTTED: Friday, June 19, 2026 @ 02:29PM

EXISTING SANITARY LAGOON TO BE DECOMMISSIONED AND FILLED. PRIOR TO THE PLACEMENT OF FILL MATERIAL, CONTRACTOR MUST PASS A PROOF-ROLL TEST AS OBSERVED BY A 3RD PARTY TESTING AGENCY IN LAGOON AREA. COST SUBSIDIARY TO SITE CLEARING.

REMOVE EXISTING FENCE

REMOVE EXISTING TREES

FEMA FLOODWAY

FEMA 100YR FLOODPLAIN

N 135TH ST W

110 111 112 113

MATCHLINE-SEE SHEET C-102-G01

MATCHLINE-SEE SHEET C-105-G01

LEGEND

- 1250 — EXISTING MAJOR CONTOUR
- 1249 — EXISTING MINOR CONTOUR
- W — EXISTING WATERLINE
- EXISTING SANITARY SEWER
- OHE — EXISTING OVERHEAD ELECTRICAL
- G — EXISTING GASLINE
- FO — EXISTING FIBER OPTIC
- PL — EXISTING PROPERTY LINE
- X — EXISTING FENCELINE
- 100 YEAR FEMA FLOODPLAIN
- FEMA FLOODWAY
- TREE PROTECTION FENCE
- FEATURES TO REMOVE
- STRUCTURES TO REMOVE
- EXISTING CONC. & PAV. REMOVAL
- EXISTING GRAVEL REMOVAL
- EXISTING TREES TO BE REMOVED

DEMO POINTS		
Point #	Northing	Easting
110	1690426.84	1602034.70
111	1690426.84	1602126.32
112	1690340.01	1602126.32
113	1690340.01	1602034.70

N

SCALE: 1"=60'

0 60 120

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6/19/26

PHASE 1 - STORM WATER DRAINAGE #549 TO SERVE

COURTYARDS AT JACOBS FARM SECOND ADDITION

WICHITA, KS

DEMOLITION PLAN
(2 OF 4)

PROJECT NO.
458-2025-085619

SCALE
1" = 60'

DRAWN	DESIGNED	CHECKED
WJW	DFL	SPE

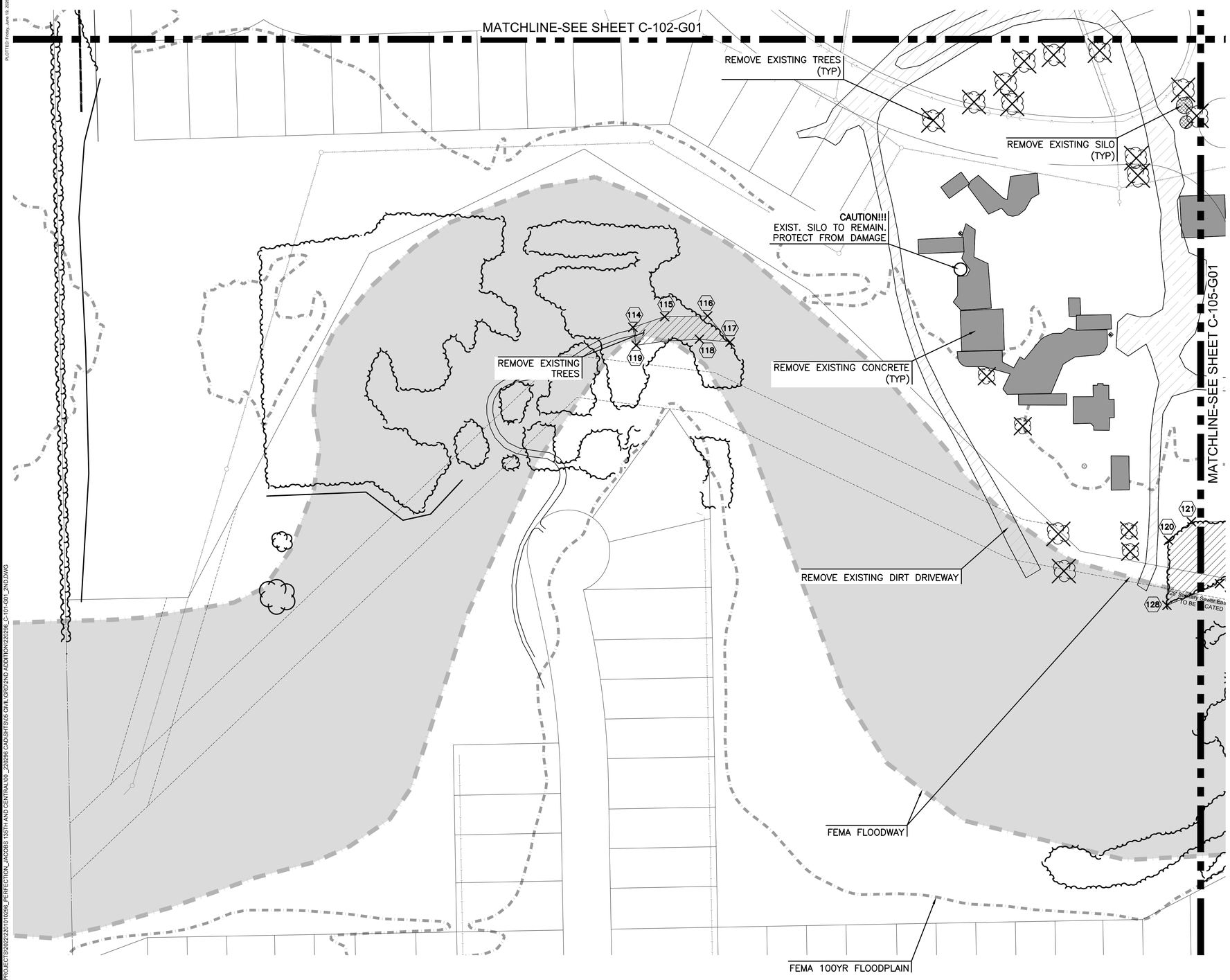
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PLOTTED: Friday, June 19, 2026 @ 02:21PM



LEGEND

- 1250 — EXISTING MAJOR CONTOUR
- 1249 — EXISTING MINOR CONTOUR
- W — EXISTING WATERLINE
- EXISTING SANITARY SEWER
- OHE — EXISTING OVERHEAD ELECTRICAL
- G — EXISTING GASLINE
- FO — EXISTING FIBER OPTIC
- PL — EXISTING PROPERTY LINE
- X — EXISTING FENCELINE
- 100 YEAR FEMA FLOODPLAIN
- FEMA FLOODWAY
- TREE PROTECTION FENCE
- FEATURES TO REMOVE
- STRUCTURES TO REMOVE
- EXISTING CONC. & PAV. REMOVAL
- EXISTING GRAVEL REMOVAL
- EXISTING TREES TO BE REMOVED

DEMO POINTS		
Point #	Northing	Easting
114	1689061.71	1600273.14
115	1689074.54	1600311.65
116	1689075.42	1600363.68
117	1689043.83	1600390.81
118	1689047.31	1600353.66
119	1689040.01	1600277.14
120	1688803.68	1600921.69
121	1688826.19	1600949.38
128	1688725.02	1600919.77

SCALE: 1"=60'
0 60 120

N

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SCOTT PRESTON SLAWSON
LICENSED
24823
KANSAS
PROFESSIONAL ENGINEER
6/19/26

PHASE 1 - STORM WATER DRAINAGE #549 TO SERVE
COURTYARDS AT JACOBS FARM
SECOND ADDITION
WICHITA, KS

DEMOLITION PLAN
(3 OF 4)

PROJECT NO.
458-2025-085619

SCALE
1" = 60'

DRAWN	DESIGNED	CHECKED
WJW	DFL	SPE

NO.	REVISION	DATE
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SHEET NO.
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PLOTTED: Friday, June 19, 2026 @ 02:24PM

MATCHLINE-SEE SHEET C-103-G01

MATCHLINE-SEE SHEET C-104-G01

INSTALL TREE PROTECTION FENCE PRIOR TO ANY DEMO OPERATIONS REF: C-501-G01 DETAIL 7 (TYP.)

REMOVE EXISTING DIRT DRIVEWAY

REMOVE EXISTING FENCE

REMOVE EXISTING TREES

REMOVE EXISTING TREES

EXISTING SANITARY LAGOON TO BE DECOMMISSIONED AND FILLED. PRIOR TO THE PLACEMENT OF FILL MATERIAL, CONTRACTOR MUST PASS A PROOF-ROLL TEST AS OBSERVED BY A 3RD PARTY TESTING AGENCY IN LAGOON AREA. COST SUBSIDIARY TO SITE CLEARING.

REMOVE STRUCTURE ABOVE GRADE. USE CARE TO LIMIT DISTURBANCE TO EVERGREEN TREES

CAP AND FILL EXISTING WELL

PLUG WELL

REMOVE ALL EXISTING DEBRIS

REMOVE EXISTING DRIVEWAY

REMOVE MISCELLANEOUS HOMESTEAD FOOTINGS/STRUCTURES

REMOVE EXISTING TREES

REMOVE ALL EXISTING DEBRIS

FEMA FLOODWAY

FEMA 100YR FLOODPLAIN

25' Sanitary Sewer Easement TO BE VACATED

25' Sanitary Sewer Easement TO BE VACATED

N 135TH ST W

LEGEND

- 1250 — EXISTING MAJOR CONTOUR
- 1249 — EXISTING MINOR CONTOUR
- W — EXISTING WATERLINE
- EXISTING SANITARY SEWER
- OHE — EXISTING OVERHEAD ELECTRICAL
- G — EXISTING GASLINE
- FO — EXISTING FIBER OPTIC
- PL — EXISTING PROPERTY LINE
- X — EXISTING FENCELINE
- 100 YEAR FEMA FLOODPLAIN
- FEMA FLOODWAY
- TREE PROTECTION FENCE
- FEATURES TO REMOVE
- STRUCTURES TO REMOVE
- EXISTING CONC. & PAV. REMOVAL
- EXISTING GRAVEL REMOVAL
- EXISTING TREES TO BE REMOVED

DEMO POINTS		
Point #	Northing	Easting
122	1688826.03	1601010.24
123	1688807.83	1601029.79
124	1688809.77	1601079.19
125	1688790.14	1601127.97
126	1688789.10	1601031.41
127	1688751.27	1600983.36
129	1688818.27	1601369.49
130	1688819.88	1601452.65
131	1688797.89	1601405.41
132	1688796.89	1601369.32
133	1688824.49	1601585.22
134	1688835.97	1601981.60
135	1688809.86	1601981.51
136	1688807.34	1601857.09
137	1688644.82	1601962.67
138	1688687.04	1601879.92
139	1688680.47	1601850.11
140	1688680.98	1601843.63
141	1688723.00	1601816.29
142	1688800.56	1601803.78
143	1688807.44	1601767.77
144	1688802.63	1601586.14

N

SCALE: 1"=60'

0 60 120

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SCOTT PRESTON EVANS 24823 KANSAS PROFESSIONAL ENGINEER
6/19/26

PHASE 1 - STORM WATER DRAINAGE #549 TO SERVE

COURTYARDS AT JACOBS FARM SECOND ADDITION

WICHITA, KS

DEMOLITION PLAN (4 OF 4)

PROJECT NO. 458-2025-085619

SCALE 1" = 60'

DRAWN	DESIGNED	CHECKED
WJW	DFL	SPE

NO.	REVISION	DATE
0	ISSUED FOR CONSTRUCTION	06/19/2026

SHEET NO. C-105-G01
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GENERAL TREE & NATURAL AREA PROTECTION NOTES:

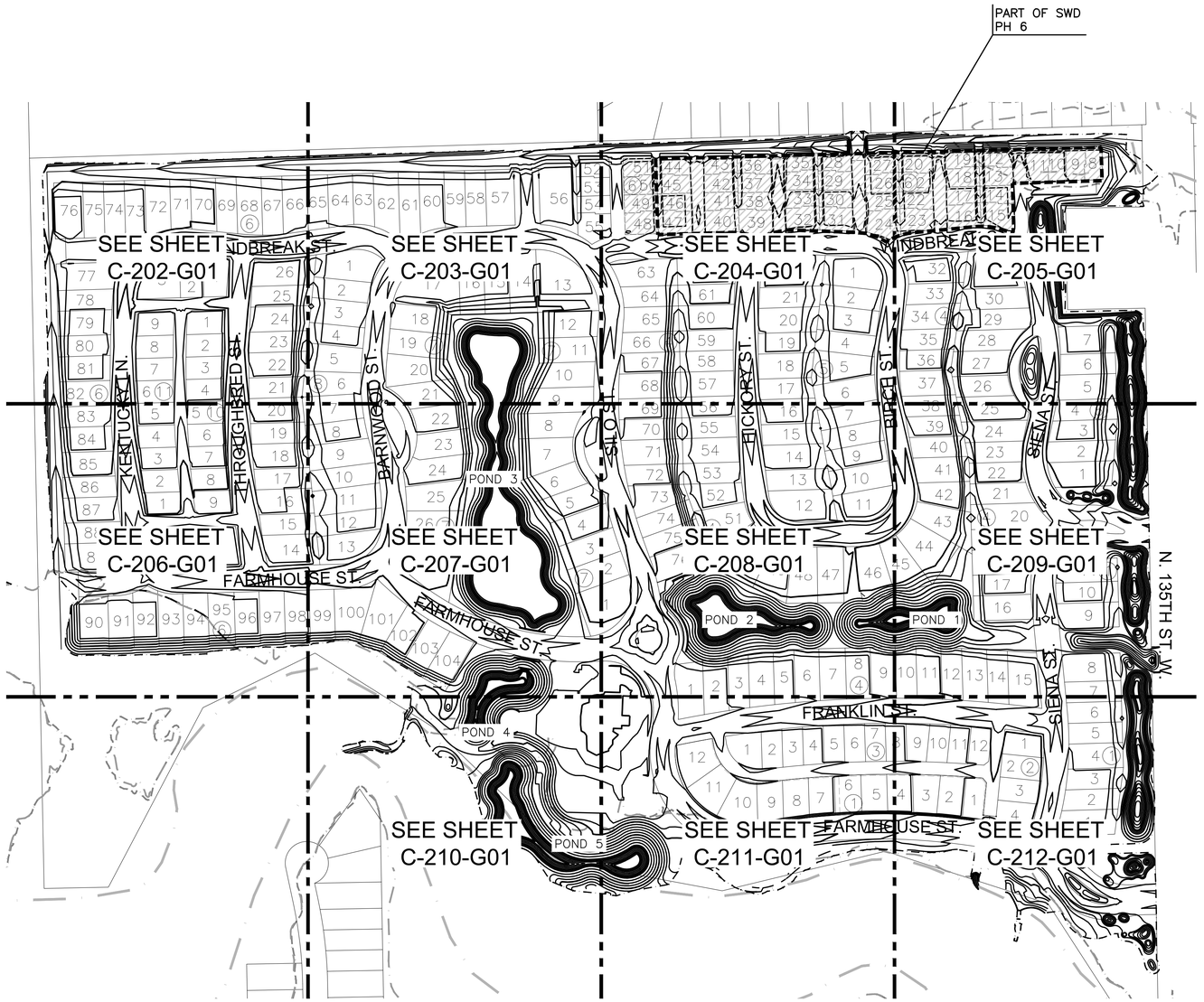
1. TREES AND NATIVE PRAIRIE PASTURE ARE AN IMPORTANT ASSET TO THE DEVELOPER. EVERY EFFORT SHOULD BE MADE TO PRESERVE EACH AND EVERY TREE AND PASTURE SPACE (UNLESS NOTED FOR REMOVAL) AS DIRECTED IN THESE PLANS AND NOTES.

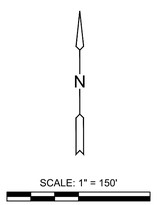
2. BEFORE ANY TYPE OF CONSTRUCTION BEGINS WITHIN THE PROJECT IMPROVEMENT AREA THE CONTRACTOR SHALL INSTALL PROTECTION FENCE WHERE NOTED AROUND ALL TREE MASSES, INDIVIDUAL TREES ADJACENT TO THE CONSTRUCTION LIMITS, AND NATIVE PRAIRIE AREAS THAT ARE NOT NOTED FOR REMOVAL/ OR DISTURBANCE.

3. THE NATIVE PRAIRIE PASTURE SHALL BE IMPACTED AS LITTLE AS POSSIBLE. CONSTRUCTION EQUIPMENT & STORED MATERIALS SHALL REMAIN OUT OF AREAS NOTED TO BE PRESERVED. CONSTRUCTION TRAFFIC SHALL BE LIMITED TO A CONFINED SPACE WITHIN THE STREET R.O.W. OR IMMEDIATE CONSTRUCTION AREA. VEHICLES SHALL NOT RANDOMLY CROSS PASTURE SPACES BUT RATHER STAY ON PREDEFINED ROUTES/ HAUL ROADS THAT THE OWNERS REPRESENTATIVE AGREES TO. IT IS NOT THE INTENTION OF THESE REQUIREMENTS TO MAKE THE PROJECT MORE DIFFICULT BUT RATHER TO THOUGHTFULLY PLAN HOW TO GET THE PROJECT BUILT WITHOUT DESTROYING THE AESTHETIC QUALITIES OF THE PROPERTY.

4. EQUIPMENT AND CONSTRUCTION MATERIALS SHALL REMAIN OUT OF AND AWAY FROM TREE DIPLINES SO AS TO NOT COMPACT THE ROOT ZONE OR DAMAGE THE TREES. CHEMICAL SPILL DAMAGE SHALL BE PREVENTED BY FILLING GAS TANKS, CLEANING TOOLS, AND REPAIRING EQUIPMENT WELL OUTSIDE TREE PROTECTED ROOT ZONES. MIXING TRUCKS SHALL BE RINSED OUT OFF SITE. WHERE IT OCCURS THAT A CONSTRUCTION ROUTE OR A PROPOSED IMPROVEMENT OCCURS WITHIN A TREE'S PROTECTED ROOT ZONE, IT MAY BE NECESSARY, DEPENDENT UPON THE TYPE OF CONSTRUCTION AND EQUIPMENT USED, TO INSTALL A ROOT PROTECTION BRIDGE OR APPROVED EQUIVALENT. THIS MAY BE DETERMINED IN THE FIELD AT THE DIRECTION OF THE OWNER'S REPRESENTATIVE (REFER TO DETAIL THIS SHEET). DAMAGED TREES THAT ARE NOTED FOR PRESERVATION SHALL BE REPLACED OR THE DAMAGES AMENDED BY THE CONTRACTOR. THE CONTRACTOR SHALL PROVIDE WRITTEN RECOMMENDATIONS FROM A CERTIFIED ARBORIST TO THE OWNER'S REPRESENTATIVE AS TO HOW TO AMEND DAMAGED TREES AND ROOT ZONES.

5. ANY TREE THAT MUST HAVE BRANCHES REMOVED SHALL BE TRIMMED WITH SHARP INSTRUMENT/ TOOL THAT IS INTENDED FOR SUCH OPERATIONS. CONSULT LANDSCAPE ARCHITECT PRIOR TO TRIMMING. KNOCKING BRANCHES OFF WITH A BACKHOE OR OTHER SIMILAR MACHINE IS NOT ACCEPTABLE! REFER TO TREE TRIMMING DETAIL ON THIS SHEET FOR TRIMMING PROCEDURE.





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6/19/26

PHASE 1 - STORM WATER DRAINAGE #549 TO SERVE

COURTYARDS AT JACOBS FARM SECOND ADDITION

WICHITA, KS

OVERALL GRADING PLAN

PROJECT NO. 458-2025-085619

SCALE 1" = 150'

DRAWN	DESIGNED	CHECKED
WJW	DFL	SPE

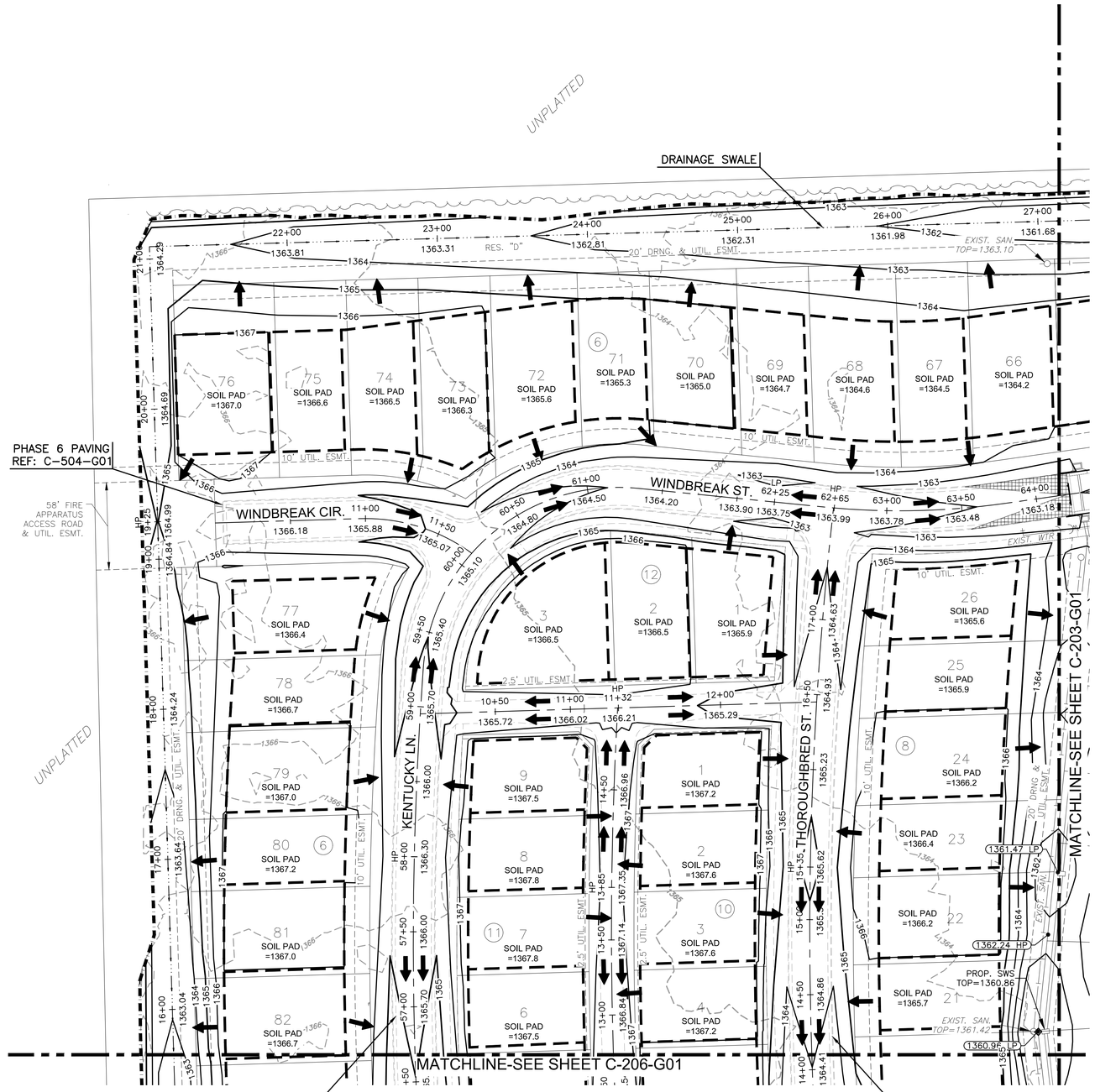
NO.	REVISION	DATE
0	ISSUED FOR CONSTRUCTION	06/19/2026

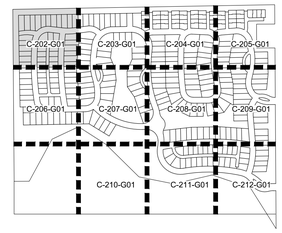
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PLOTTED: Friday, June 19, 2026 @ 02:23PM





VICINITY MAP

LEGEND

- 1250 EXISTING MAJOR CONTOUR
- 1250 EXISTING MINOR CONTOUR
- 1250 PROPOSED MAJOR CONTOUR
- 1250 PROPOSED MINOR CONTOUR
- W EXISTING WATERLINE
- EXISTING SANITARY SEWER
- EXISTING STORMWATER SEWER
- UGT EXISTING UNDERGROUND TELEPHONE
- UGE EXISTING UNDERGROUND ELECTRICAL
- OHE EXISTING OVERHEAD ELECTRICAL
- G EXISTING GASLINE
- PROPOSED STORMWATER SEWER
- FUTURE PAVING
- PROPOSED PAVING
- LIMITS OF GRADING
- SWALE FLOWLINE
- TREE PROTECTION – REF: DTL 7, SHT 33
- SOIL PAD – REF: DTL 2, SHT 33
- LIMESTONE POND EDGING – REF: DTL 1, SHT 35
- 1329.86 PROPOSED SPOT ELEVATIONS
- FLOW ARROW
- TEMPORARY DRAINAGE SWALE – REF: DTL 1, SHT 33
- 100 YEAR FEMA FLOODPLAIN
- FEMA FLOODWAY
- SWD PH2
- END OF PHASE 1 PAVING FILL TO MATCH ADJACENT FINISHED PAVEMENT GRADE. ENSURE NO STANDING WATER EXISTS.

N

SCALE: 1"=40'
0 40 80

NOTE:
1. SOLID PAVE LINES REPRESENT PROPOSED PAVING AND DASHED PAVE LINES REPRESENT FUTURE PAVING
2. ALIGNMENT ELEVATIONS IN FUTURE PAVED AREAS ARE TO TOP OF FINISHED GRADE. CONTOURS SHOWN ARE TO TOP OF ROCK. REF: SHT. C-503-G01

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SCOTT PRESTON EVANS LICENSED 24423 KANSAS PROFESSIONAL ENGINEER
6/19/26

PHASE 1 - STORM WATER DRAINAGE #549 TO SERVE

COURTYARDS AT JACOBS FARM SECOND ADDITION

WICHITA, KS

GRADING PLAN (1 OF 11)

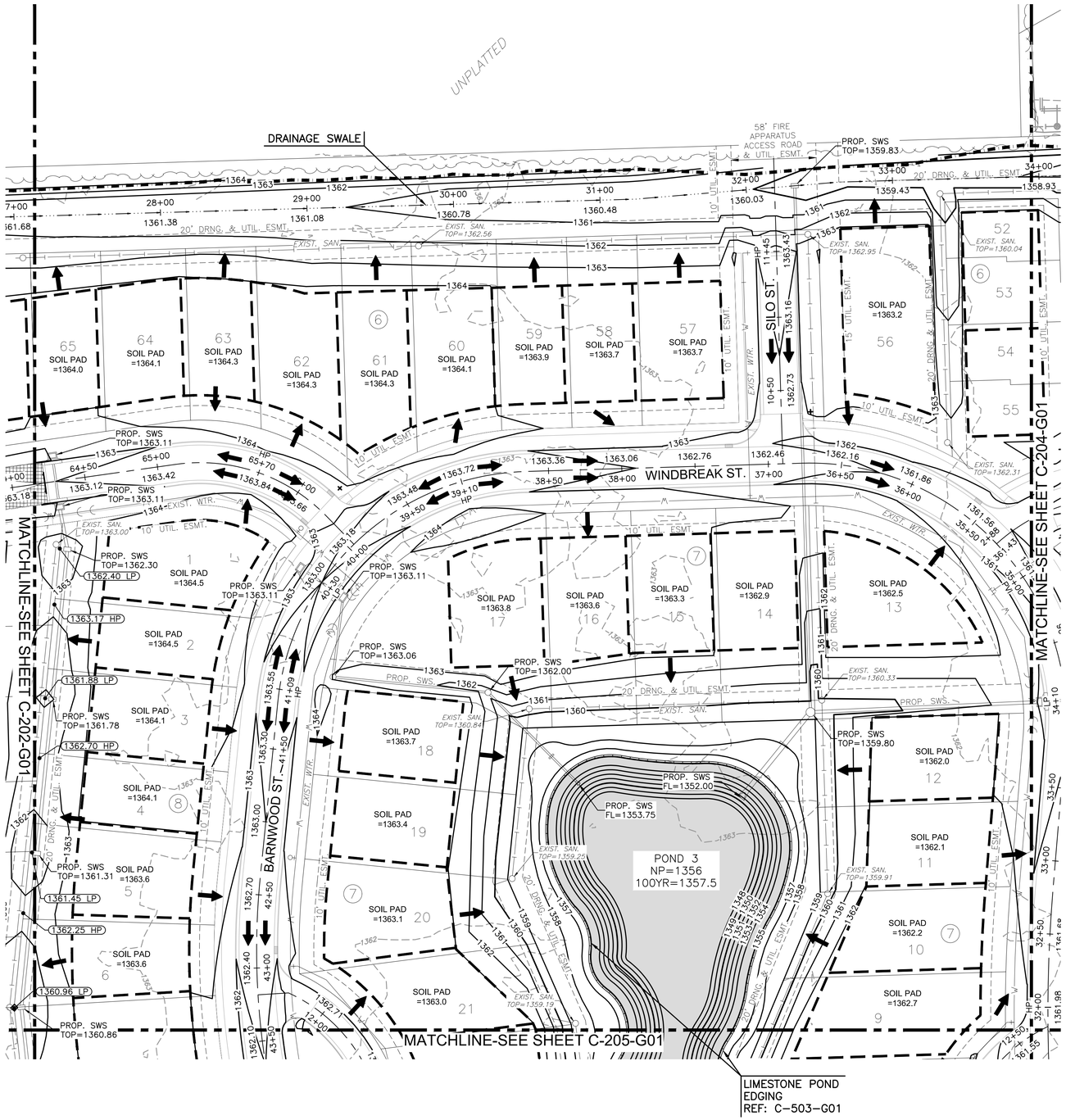
PROJECT NO.	
458-2025-085619	
SCALE	
1" = 40'	
DRAWN	DESIGNED / CHECKED
WJW	DFL / SPE

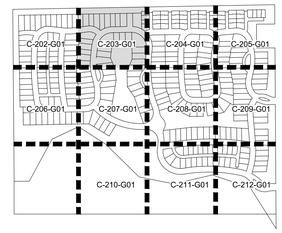
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VICINITY MAP

LEGEND

- 1250 EXISTING MAJOR CONTOUR
- 1250 EXISTING MINOR CONTOUR
- 1250 PROPOSED MAJOR CONTOUR
- 1250 PROPOSED MINOR CONTOUR
- W EXISTING WATERLINE
- EXISTING SANITARY SEWER
- EXISTING STORMWATER SEWER
- UGT EXISTING UNDERGROUND TELEPHONE
- UGE EXISTING UNDERGROUND ELECTRICAL
- OHE EXISTING OVERHEAD ELECTRICAL
- G EXISTING GASLINE
- PROPOSED STORMWATER SEWER
- FUTURE PAVING
- PROPOSED PAVING
- LIMITS OF GRADING
- SWALE FLOWLINE
- TREE PROTECTION – REF: DTL 7, SHT 33
- SOIL PAD – REF: DTL 2, SHT 33
- LIMESTONE POND EDGING – REF: DTL 1, SHT 35
- 1329.86 PROPOSED SPOT ELEVATIONS
- FLOW ARROW
- TEMPORARY DRAINAGE SWALE – REF: DTL 1, SHT 33
- 100 YEAR FEMA FLOODPLAIN
- FEMA FLOODWAY
- SWD PH2
- END OF PHASE 1 PAVING FILL TO MATCH ADJACENT FINISHED PAVEMENT GRADE. ENSURE NO STANDING WATER EXISTS.

N

SCALE: 1"=40'
0 40 80

NOTE:
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2. ALIGNMENT ELEVATIONS IN FUTURE PAVED AREAS ARE TO TOP OF FINISHED GRADE. CONTOURS SHOWN ARE TO TOP OF ROCK. REF: SHT. C–503–G01

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6/19/26

PHASE 1 - STORM WATER DRAINAGE #649 TO SERVE
COURTYARDS AT JACOBS FARM SECOND ADDITION
WICHITA, KS

GRADING PLAN (2 OF 11)

PROJECT NO. 458-2025-085619
SCALE 1" = 40'

DRAWN	DESIGNED	CHECKED
WJW	DFL	SPE

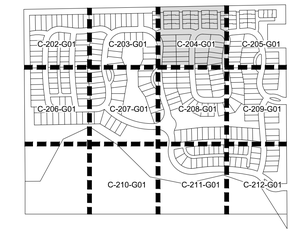
NO.	REVISION	DATE
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J:\PROJECTS\2022\2201010298_PERFECTION_JACOBS 138TH AND CENTRAL\00 _2026\8 CAD\SHTS\05 CIVIL\GRD\2ND ADDITION\2201010298_C-203-G01_2ND.DWG





VICINITY MAP

LEGEND

- 1250 EXISTING MAJOR CONTOUR
- 1250 EXISTING MINOR CONTOUR
- 1250 PROPOSED MAJOR CONTOUR
- 1250 PROPOSED MINOR CONTOUR
- W EXISTING WATERLINE
- EXISTING SANITARY SEWER
- EXISTING STORMWATER SEWER
- UGT EXISTING UNDERGROUND TELEPHONE
- UGE EXISTING UNDERGROUND ELECTRICAL
- OHE EXISTING OVERHEAD ELECTRICAL
- G EXISTING GASLINE
- PROPOSED STORMWATER SEWER
- FUTURE PAVING
- PROPOSED PAVING
- LIMITS OF GRADING
- SWALE FLOWLINE
- TREE PROTECTION – REF: DTL 7, SHT 33
- SOIL PAD – REF: DTL 2, SHT 33
- LIMESTONE POND EDGING – REF: DTL 1, SHT 35
- 1329.86 PROPOSED SPOT ELEVATIONS
- FLOW ARROW
- TEMPORARY DRAINAGE SWALE – REF: DTL 1, SHT 33
- 100 YEAR FEMA FLOODPLAIN
- FEMA FLOODWAY
- SWD PH2
- END OF PHASE 1 PAVING FILL TO MATCH ADJACENT FINISHED PAVEMENT GRADE. ENSURE NO STANDING WATER EXISTS.

N

SCALE: 1"=40'
0 40 80

NOTE:
1. SOLID PAVE LINES REPRESENT PROPOSED PAVING AND DASHED PAVE LINES REPRESENT FUTURE PAVING
2. ALIGNMENT ELEVATIONS IN FUTURE PAVED AREAS ARE TO TOP OF FINISHED GRADE. CONTOURS SHOWN ARE TO TOP OF ROCK. REF: SHT. C–503–G01

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SCOTT PRESTON EVANS LICENSED KANSAS PROFESSIONAL ENGINEER 24423 6/19/26

PHASE 1 - STORM WATER DRAINAGE #649 TO SERVE

COURTYARDS AT JACOBS FARM SECOND ADDITION

WICHITA, KS

GRADING PLAN (3 OF 11)

PROJECT NO. 458-2025-085619

SCALE 1" = 40'

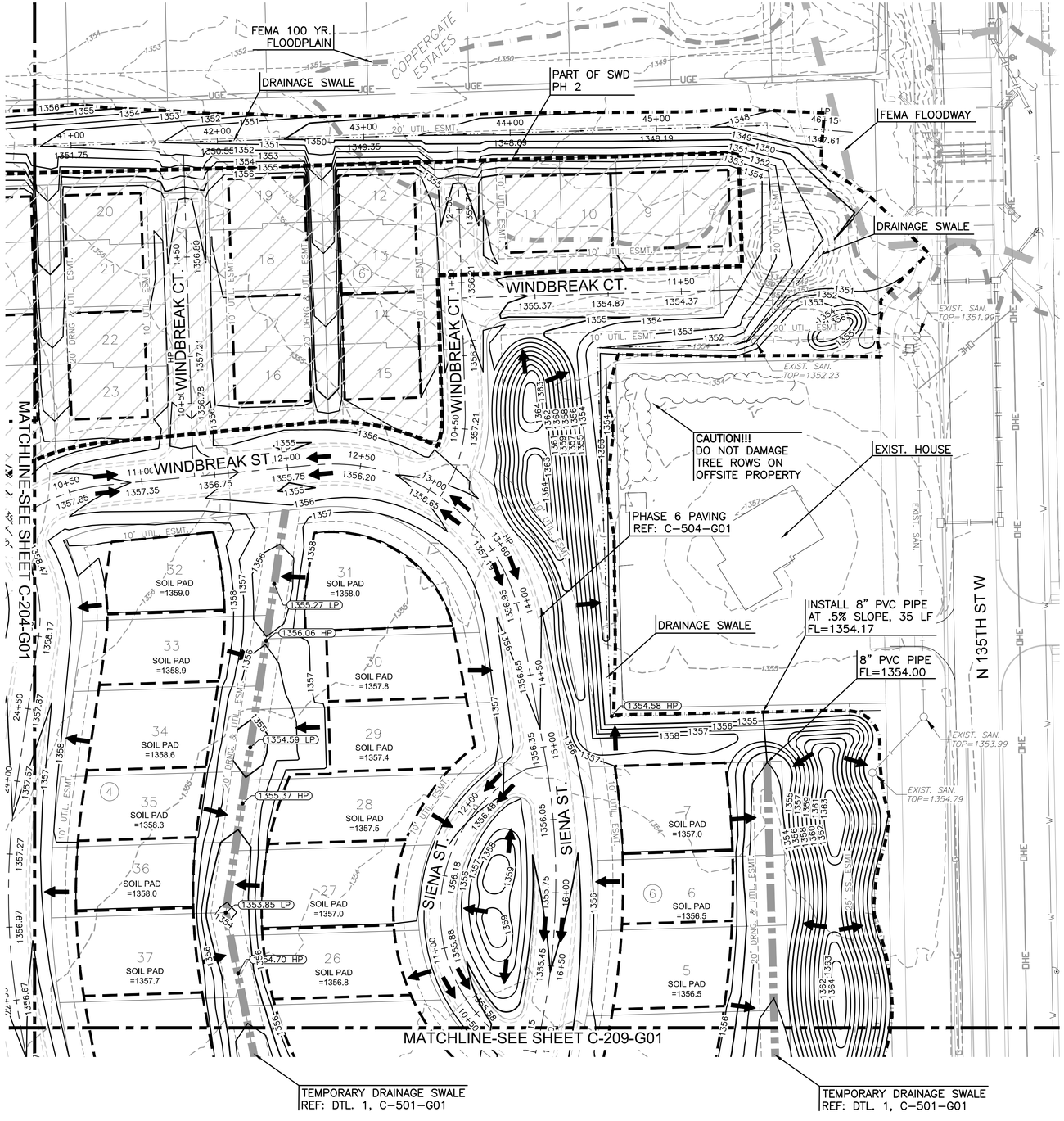
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WJW	DFL	SPE

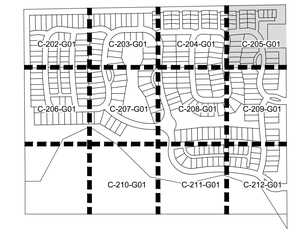
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VICINITY MAP

LEGEND

- 1250 — EXISTING MAJOR CONTOUR
- 1250 — EXISTING MINOR CONTOUR
- 1250 — PROPOSED MAJOR CONTOUR
- 1250 — PROPOSED MINOR CONTOUR
- W — EXISTING WATERLINE
- EXISTING SANITARY SEWER
- EXISTING STORMWATER SEWER
- UGT — EXISTING UNDERGROUND TELEPHONE
- UGE — EXISTING UNDERGROUND ELECTRICAL
- OHE — EXISTING OVERHEAD ELECTRICAL
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- PROPOSED PAVING
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- TREE PROTECTION – REF: DTL 7, SHT 33
- SOIL PAD – REF: DTL 2, SHT 33
- LIMESTONE POND EDGING – REF: DTL 1, SHT 35
- 1329.86 — PROPOSED SPOT ELEVATIONS
- FLOW ARROW
- TEMPORARY DRAINAGE SWALE – REF: DTL 1, SHT 33
- 100 YEAR FEMA FLOODPLAIN
- FEMA FLOODWAY
- SWD PH2
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N

SCALE: 1"=40'
0 40 80

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6/19/26

PHASE 1 - STORM WATER DRAINAGE #649 TO SERVE
COURTYARDS AT JACOBS FARM SECOND ADDITION
WICHITA, KS

GRADING PLAN
(4 OF 11)

PROJECT NO. 458-2025-085619
SCALE 1" = 40'

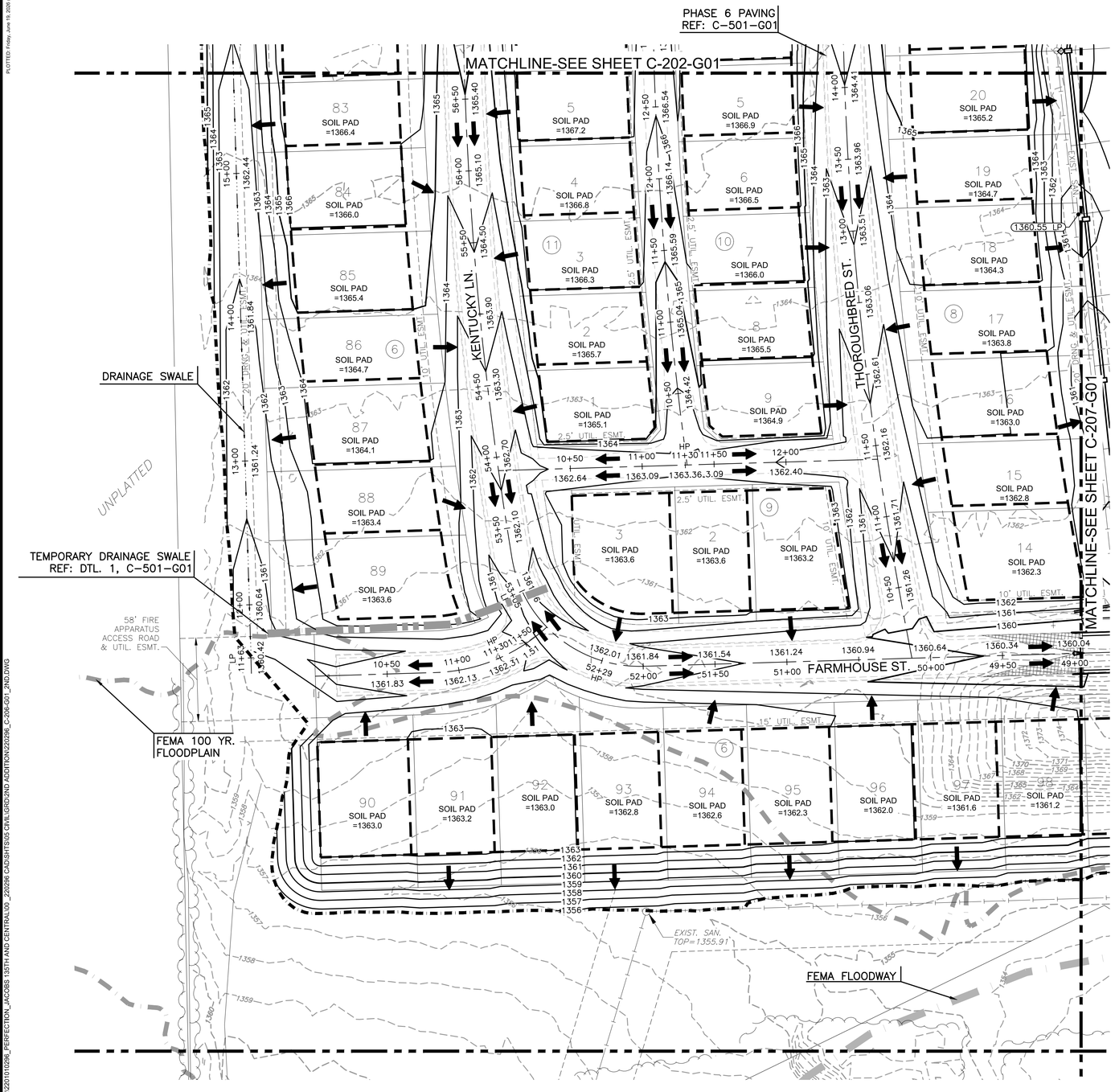
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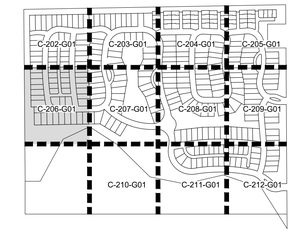
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VICINITY MAP

LEGEND

- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- EXISTING WATERLINE
- EXISTING SANITARY SEWER
- EXISTING STORMWATER SEWER
- EXISTING UNDERGROUND TELEPHONE
- EXISTING UNDERGROUND ELECTRICAL
- EXISTING OVERHEAD ELECTRICAL
- EXISTING GASLINE
- PROPOSED STORMWATER SEWER
- FUTURE PAVING
- PROPOSED PAVING
- LIMITS OF GRADING
- SWALE FLOWLINE
- TREE PROTECTION – REF: DTL 7, SHT 33
- SOIL PAD – REF: DTL 2, SHT 33
- LIMESTONE POND EDGING – REF: DTL 1, SHT 35
- 1329.86 PROPOSED SPOT ELEVATIONS
- FLOW ARROW
- TEMPORARY DRAINAGE SWALE – REF: DTL 1, SHT 33
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- FEMA FLOODWAY
- SWD PH2
- END OF PHASE 1 PAVING FILL TO MATCH ADJACENT FINISHED PAVEMENT GRADE. ENSURE NO STANDING WATER EXISTS.

NOTE:
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6/19/26

PHASE 1 - STORM WATER DRAINAGE #649 TO SERVE
COURTYARDS AT JACOBS FARM SECOND ADDITION
WICHITA, KS

GRADING PLAN
(5 OF 11)

PROJECT NO. 458-2025-085619
SCALE 1" = 40'

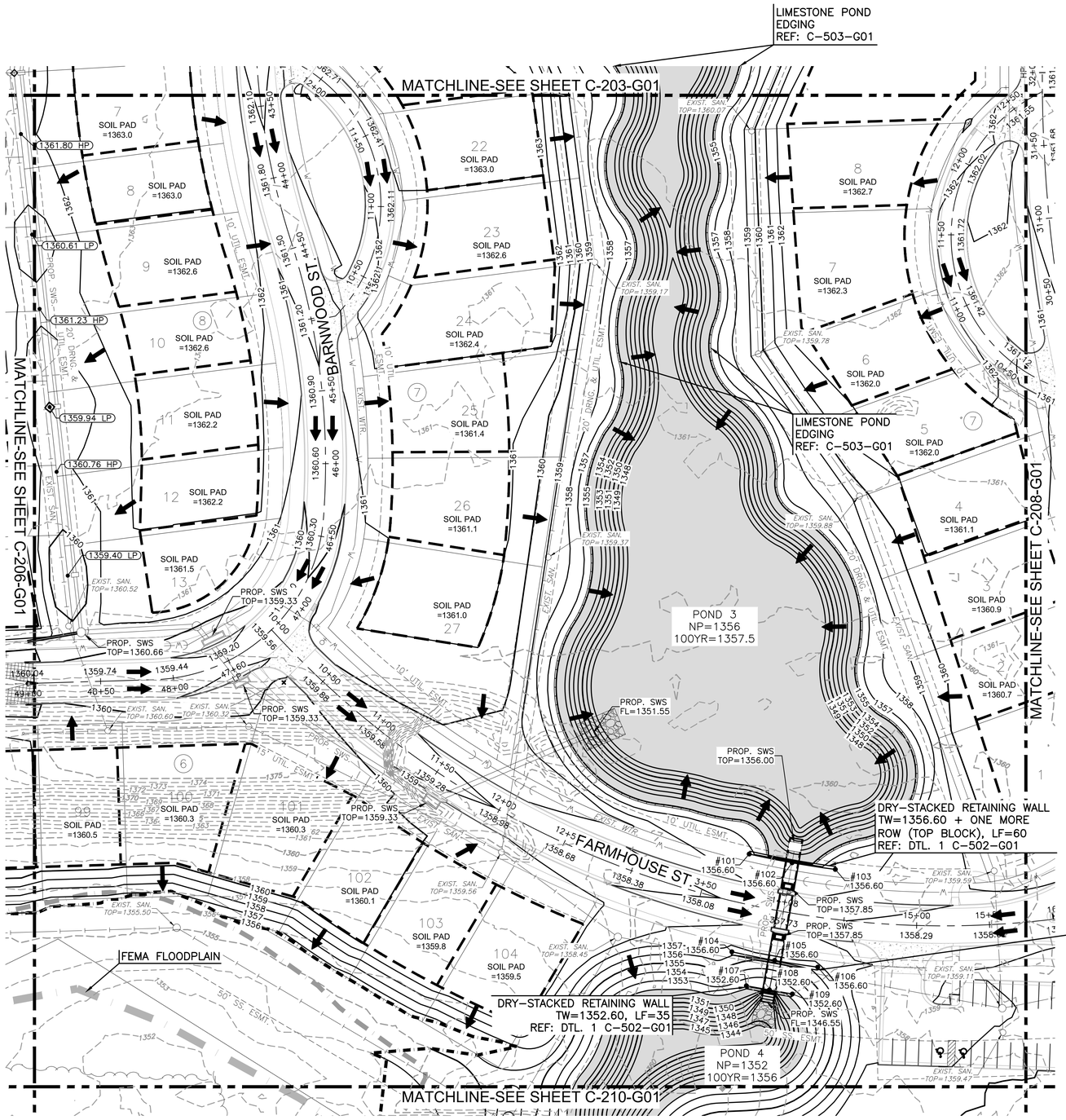
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WJW	DFL	SPE

NO.	REVISION	DATE
0	ISSUED FOR CONSTRUCTION	06/19/2026

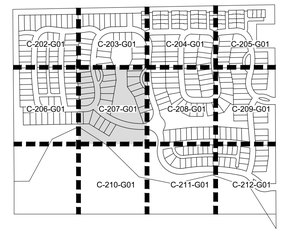
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C-206-G01
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J:\PROJECTS\2022\220101029\6_PERFECTION_JACOBS 135TH AND CENTRAL\00_220629\CAD\SHTS\05 CIVIL\GRD\2ND ADDITION\220629_C-206-G01_2ND.DWG



WALL POINTS			
POINT #	NORTHING	EASTING	ELEV.
101	1689335.98	1600688.34	1356.60
102	1689329.99	1600717.74	1356.60
103	1689325.43	1600747.40	1356.60
104	1689268.93	1600676.46	1356.60
105	1689263.00	1600705.78	1356.60
106	1689258.40	1600735.34	1356.60
107	1689245.62	1600686.41	1352.60
108	1689242.80	1600702.17	1352.60
109	1689239.98	1600717.93	1352.60



VICINITY MAP

LEGEND

- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- EXISTING WATERLINE
- EXISTING SANITARY SEWER
- EXISTING STORMWATER SEWER
- EXISTING UNDERGROUND TELEPHONE
- EXISTING UNDERGROUND ELECTRICAL
- EXISTING OVERHEAD ELECTRICAL
- EXISTING GASLINE
- PROPOSED STORMWATER SEWER
- FUTURE PAVING
- PROPOSED PAVING
- LIMITS OF GRADING
- SWALE FLOWLINE
- TREE PROTECTION – REF: DTL 7, SHT 33
- SOIL PAD – REF: DTL 2, SHT 33
- LIMESTONE POND EDGING – REF: DTL 1, SHT 35
- 1329.86 PROPOSED SPOT ELEVATIONS
- FLOW ARROW
- TEMPORARY DRAINAGE SWALE – REF: DTL 1, SHT 33
- 100 YEAR FEMA FLOODPLAIN
- FEMA FLOODWAY
- SWD PH2
- END OF PHASE 1 PAVING FILL TO MATCH ADJACENT FINISHED PAVEMENT GRADE. ENSURE NO STANDING WATER EXISTS.

NOTE:
1. SOLID PAVE LINES REPRESENT PROPOSED PAVING AND DASHED PAVE LINES REPRESENT FUTURE PAVING
2. ALIGNMENT ELEVATIONS IN FUTURE PAVED AREAS ARE TO TOP OF FINISHED GRADE. CONTOURS SHOWN ARE TO TOP OF ROCK. REF: SHT. C-503-G01

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PROFESSIONAL ENGINEER
6/19/26

PHASE 1 - STORM WATER DRAINAGE #649 TO SERVE
COURTYARDS AT JACOBS FARM
SECOND ADDITION
WICHITA, KS

GRADING PLAN
(6 OF 11)

PROJECT NO. 458-2025-085619
SCALE 1" = 40'

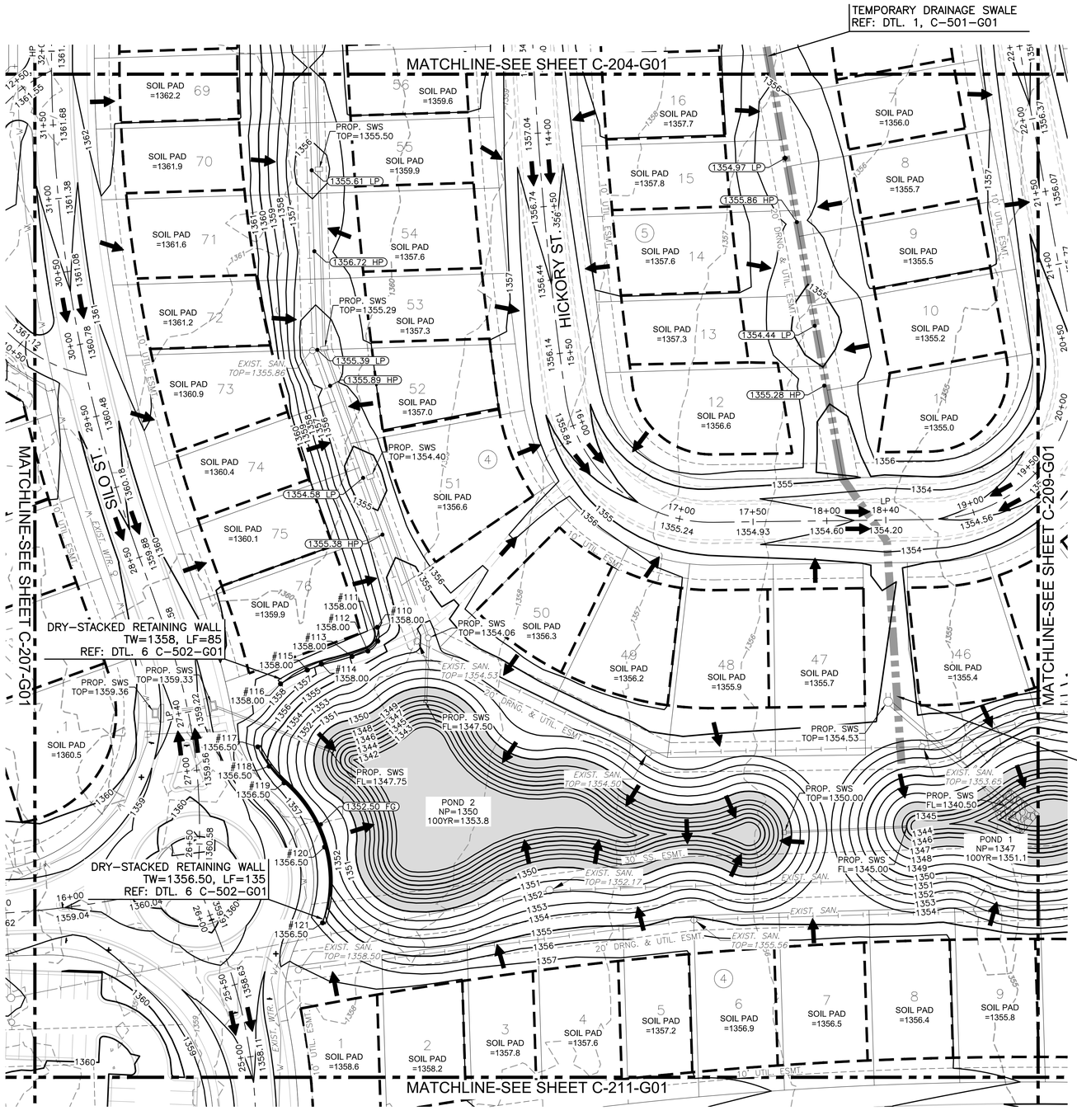
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WJW	DFL	SPE

NO.	REVISION	DATE
0	ISSUED FOR CONSTRUCTION	06/19/2026

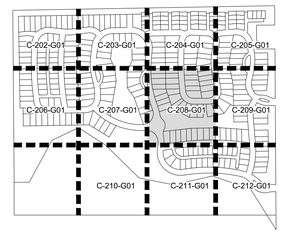
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WALL POINTS			
POINT #	NORTHING	EASTING	ELEV.
110	1689481.41	1601110.21	1358.00
111	1689471.95	1601110.54	1358.00
112	1689465.27	1601103.83	1358.00
113	1689461.62	1601093.11	1358.00
114	1689456.52	1601072.35	1358.00
115	1689452.44	1601062.73	1358.00
116	1689443.07	1601044.61	1358.00
117	1689400.34	1601029.20	1356.50
118	1689387.29	1601036.95	1356.50
119	1689375.95	1601047.03	1356.50
120	1689332.47	1601074.49	1356.50
121	1689281.07	1601073.10	1356.50



VICINITY MAP

LEGEND

- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- EXISTING WATERLINE
- EXISTING SANITARY SEWER
- EXISTING STORMWATER SEWER
- EXISTING UNDERGROUND TELEPHONE
- EXISTING UNDERGROUND ELECTRICAL
- EXISTING OVERHEAD ELECTRICAL
- EXISTING GASLINE
- PROPOSED STORMWATER SEWER
- FUTURE PAVING
- PROPOSED PAVING
- LIMITS OF GRADING
- SWALE FLOWLINE
- TREE PROTECTION – REF: DTL 7, SHT 33
- SOIL PAD – REF: DTL 2, SHT 33
- LIMESTONE POND EDGING – REF: DTL 1, SHT 35
- 1329.86 PROPOSED SPOT ELEVATIONS
- FLOW ARROW
- TEMPORARY DRAINAGE SWALE – REF: DTL 1, SHT 33
- 100 YEAR FEMA FLOODPLAIN
- FEMA FLOODWAY
- SWD PH2
- END OF PHASE 1 PAVING FILL TO MATCH ADJACENT FINISHED PAVEMENT GRADE. ENSURE NO STANDING WATER EXISTS.

NOTE:
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2. ALIGNMENT ELEVATIONS IN FUTURE PAVED AREAS ARE TO TOP OF FINISHED GRADE. CONTOURS SHOWN ARE TO TOP OF ROCK. REF: SHT. C-503-G01

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NUMBER
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6/19/26

PHASE 1 - STORM WATER DRAINAGE #549 TO SERVE
COURTYARDS AT JACOBS FARM
SECOND ADDITION
WICHITA, KS

GRADING PLAN
(7 OF 11)

PROJECT NO. 458-2025-085619
SCALE 1" = 40'

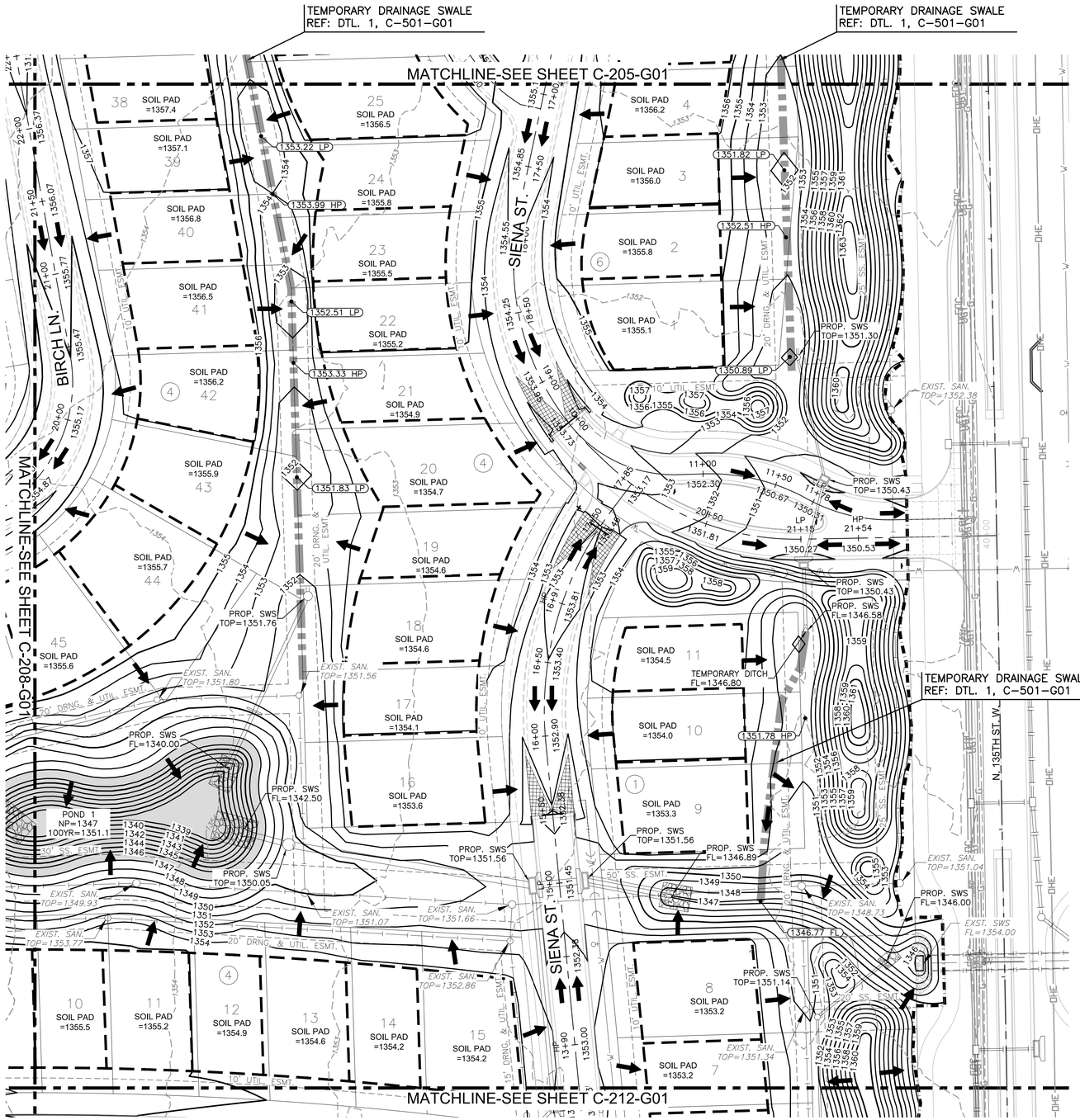
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WJW	DFL	SPE

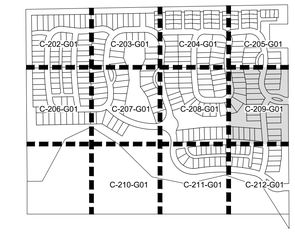
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VICINITY MAP

LEGEND

- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- EXISTING WATERLINE
- EXISTING SANITARY SEWER
- EXISTING STORMWATER SEWER
- EXISTING UNDERGROUND TELEPHONE
- EXISTING UNDERGROUND ELECTRICAL
- EXISTING OVERHEAD ELECTRICAL
- EXISTING GASLINE
- PROPOSED STORMWATER SEWER
- FUTURE PAVING
- PROPOSED PAVING
- LIMITS OF GRADING
- SWALE FLOWLINE
- TREE PROTECTION – REF: DTL 7, SHT 33
- SOIL PAD – REF: DTL 2, SHT 33
- LIMESTONE POND EDGING – REF: DTL 1, SHT 35
- 1329.86 PROPOSED SPOT ELEVATIONS
- FLOW ARROW
- TEMPORARY DRAINAGE SWALE – REF: DTL 1, SHT 33
- 100 YEAR FEMA FLOODPLAIN
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N

SCALE: 1"=40'
0 40 80

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6/19/26

PHASE 1 - STORM WATER DRAINAGE #549 TO SERVE
COURTYARDS AT JACOBS FARM SECOND ADDITION
WICHITA, KS

GRADING PLAN
(8 OF 11)

PROJECT NO. 458-2025-085619
SCALE 1" = 40'

DRAWN	DESIGNED	CHECKED
WJW	DFL	SPE

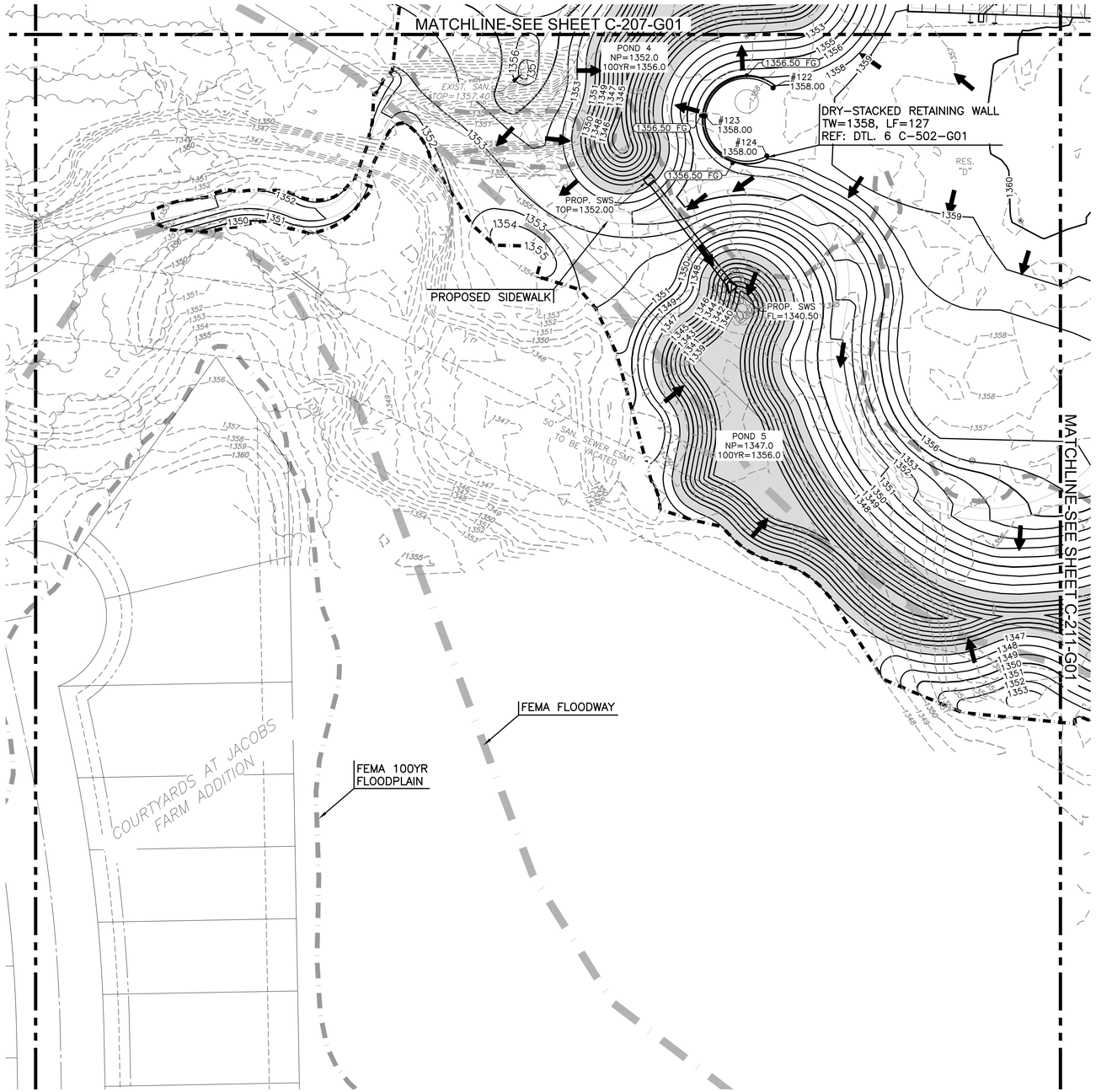
NO.	REVISION	DATE
0	ISSUED FOR CONSTRUCTION	06/19/2026

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C-209-G01
15 OF 59

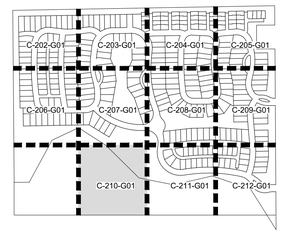
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PLOTTED: Friday, June 19, 2026 @ 03:53PM



WALL POINTS			
POINT #	NORTHING	EASTING	ELEV.
122	1689140.90	1600687.45	1358.00
123	1689122.28	1600642.48	1358.00
124	1689095.76	1600683.29	1358.00



VICINITY MAP

LEGEND

- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- EXISTING WATERLINE
- EXISTING SANITARY SEWER
- EXISTING STORMWATER SEWER
- EXISTING UNDERGROUND TELEPHONE
- EXISTING UNDERGROUND ELECTRICAL
- EXISTING OVERHEAD ELECTRICAL
- EXISTING GASLINE
- PROPOSED STORMWATER SEWER
- FUTURE PAVING
- PROPOSED PAVING
- LIMITS OF GRADING
- SWALE FLOWLINE
- TREE PROTECTION – REF: DTL 7, SHT 33
- SOIL PAD – REF: DTL 2, SHT 33
- LIMESTONE POND EDGING – REF: DTL 1, SHT 35
- 1329.86 PROPOSED SPOT ELEVATIONS
- FLOW ARROW
- TEMPORARY DRAINAGE SWALE – REF: DTL 1, SHT 33
- 100 YEAR FEMA FLOODPLAIN
- FEMA FLOODWAY
- SWD PH2
- END OF PHASE 1 PAVING FILL TO MATCH ADJACENT FINISHED PAVEMENT GRADE. ENSURE NO STANDING WATER EXISTS.

N

SCALE: 1"=40'
0 40 80

NOTE:
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PHASE 1 - STORM WATER DRAINAGE #649 TO SERVE
COURTYARDS AT JACOBS FARM SECOND ADDITION
WICHITA, KS

GRADING PLAN
(9 OF 11)

PROJECT NO.
458-2025-085619

SCALE
1" = 40'

DRAWN	DESIGNED	CHECKED
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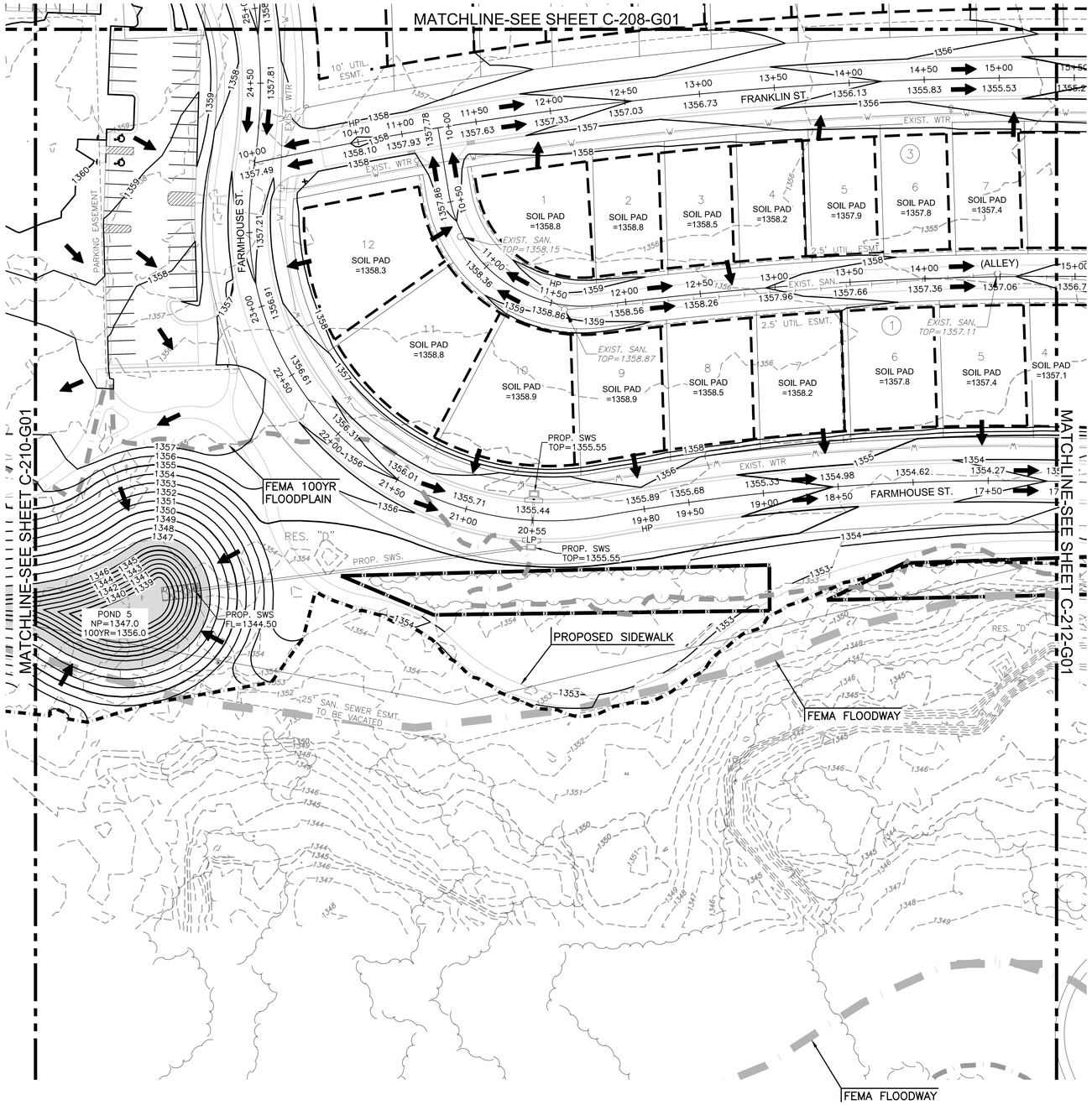
NO.	REVISION	DATE
0	ISSUED FOR CONSTRUCTION	06/19/2026

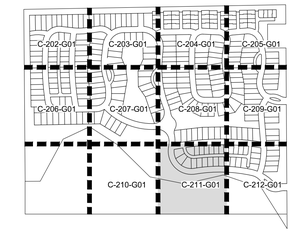
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PLOTTED: Monday, June 22, 2026 @ 03:27PM





VICINITY MAP

LEGEND

- 1250 EXISTING MAJOR CONTOUR
- 1250 EXISTING MINOR CONTOUR
- 1250 PROPOSED MAJOR CONTOUR
- 1250 PROPOSED MINOR CONTOUR
- W EXISTING WATERLINE
- EXISTING SANITARY SEWER
- EXISTING STORMWATER SEWER
- UGT EXISTING UNDERGROUND TELEPHONE
- UGE EXISTING UNDERGROUND ELECTRICAL
- OHE EXISTING OVERHEAD ELECTRICAL
- G EXISTING GASLINE
- PROPOSED STORMWATER SEWER
- FUTURE PAVING
- PROPOSED PAVING
- LIMITS OF GRADING
- SWALE FLOWLINE
- TREE PROTECTION – REF: DTL 7, SHT 33
- SOIL PAD – REF: DTL 2, SHT 33
- LIMESTONE POND EDGING – REF: DTL 1, SHT 35
- 1329.86 PROPOSED SPOT ELEVATIONS
- FLOW ARROW
- TEMPORARY DRAINAGE SWALE – REF: DTL 1, SHT 33
- 100 YEAR FEMA FLOODPLAIN
- FEMA FLOODWAY
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N

SCALE: 1"=40'
0 40 80

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PHASE 1 - STORM WATER DRAINAGE #549 TO SERVE

COURTYARDS AT JACOBS FARM SECOND ADDITION

WICHITA, KS

GRADING PLAN
(10 OF 11)

PROJECT NO. 458-2025-085619
SCALE 1" = 40'

DRAWN	DESIGNED	CHECKED
WJW	DFL	SPE

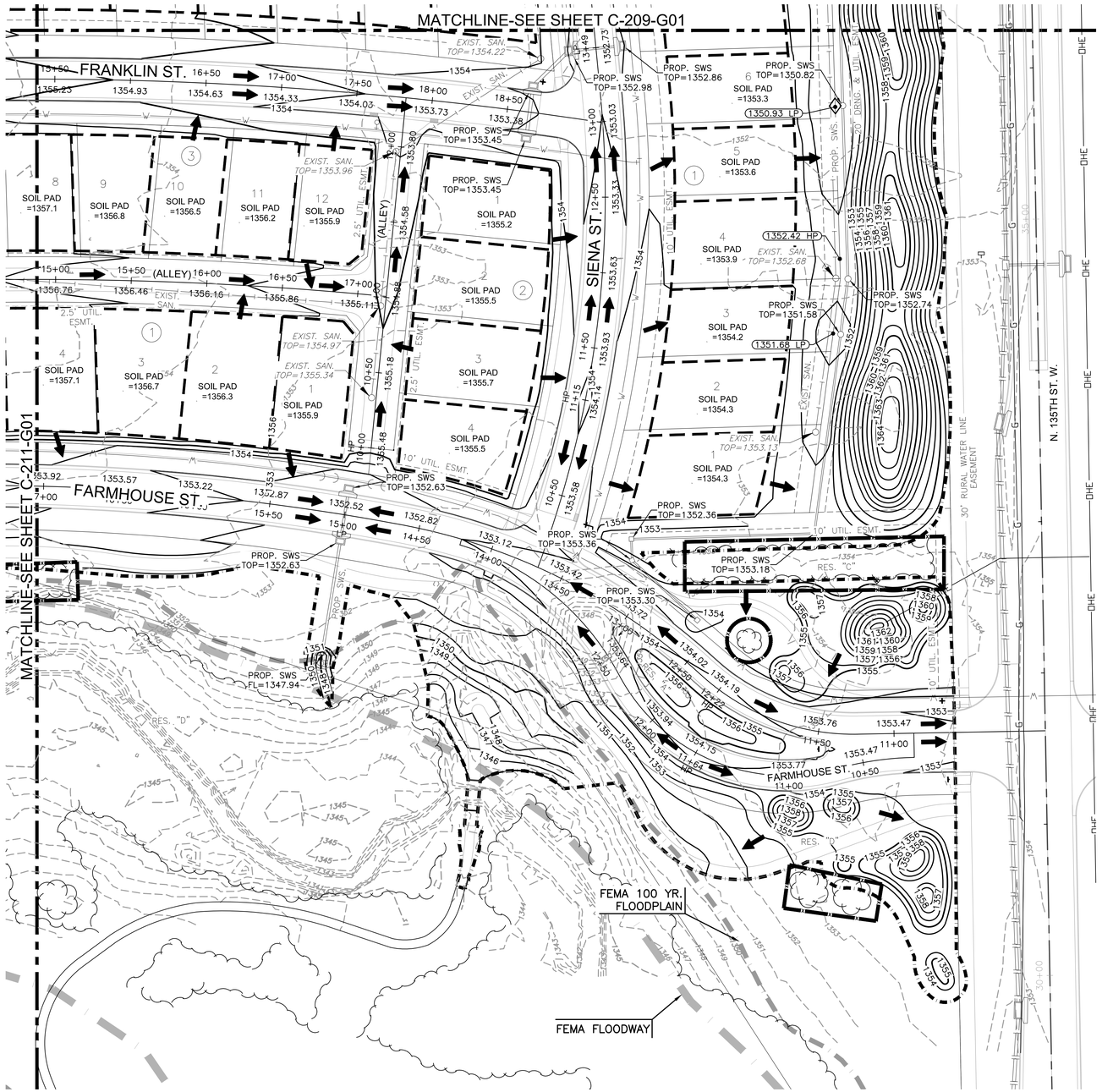
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C-211-G01
17 OF 59

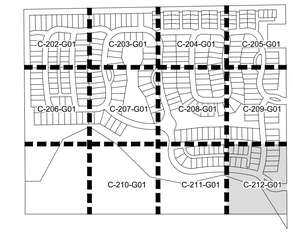
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PLOTTED: Monday, June 22, 2026 @ 03:28PM



VICINITY MAP



LEGEND

- 1250 EXISTING MAJOR CONTOUR
- 1250 EXISTING MINOR CONTOUR
- 1250 PROPOSED MAJOR CONTOUR
- 1250 PROPOSED MINOR CONTOUR
- W EXISTING WATERLINE
- EXISTING SANITARY SEWER
- EXISTING STORMWATER SEWER
- UGT EXISTING UNDERGROUND TELEPHONE
- UGE EXISTING UNDERGROUND ELECTRICAL
- OHE EXISTING OVERHEAD ELECTRICAL
- G EXISTING GASLINE
- PROPOSED STORMWATER SEWER
- FUTURE PAVING
- PROPOSED PAVING
- LIMITS OF GRADING
- SWALE FLOWLINE
- TREE PROTECTION – REF: DTL 7, SHT 33
- SOIL PAD – REF: DTL 2, SHT 33
- LIMESTONE POND EDGING – REF: DTL 1, SHT 35
- 1329.86 PROPOSED SPOT ELEVATIONS
- FLOW ARROW
- TEMPORARY DRAINAGE SWALE – REF: DTL 1, SHT 33
- 100 YEAR FEMA FLOODPLAIN
- FEMA FLOODWAY
- SWD PH2
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PHASE 1 - STORM WATER DRAINAGE #649 TO SERVE

COURTYARDS AT JACOBS FARM SECOND ADDITION

WICHITA, KS

GRADING PLAN
(11 OF 11)

PROJECT NO. 458-2025-085619
SCALE 1" = 40'

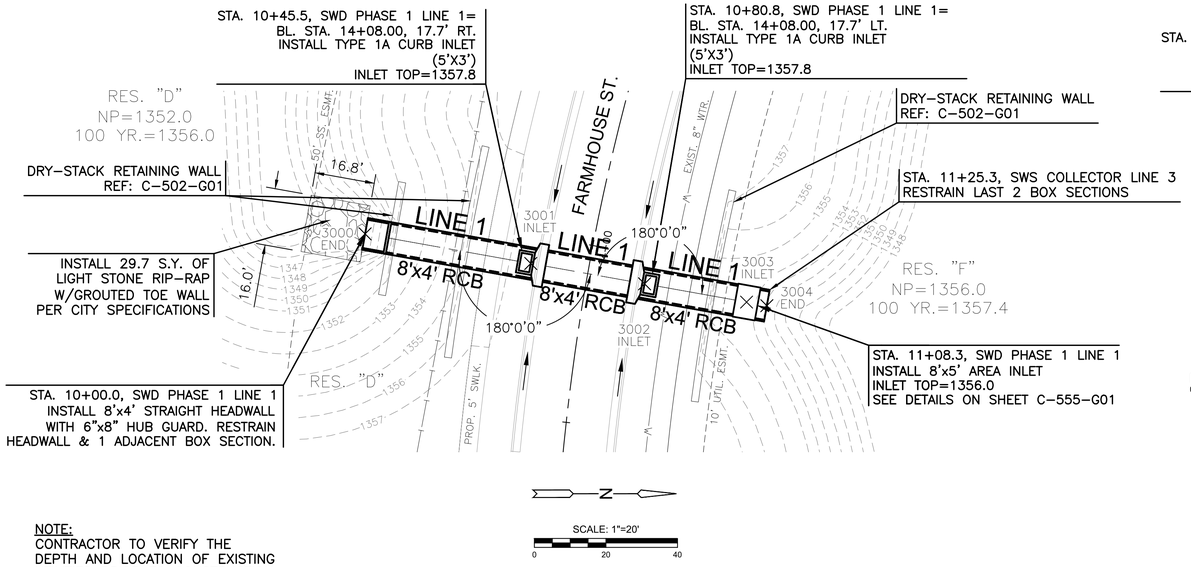
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WJW	DFL	SPE

NO.	REVISION	DATE
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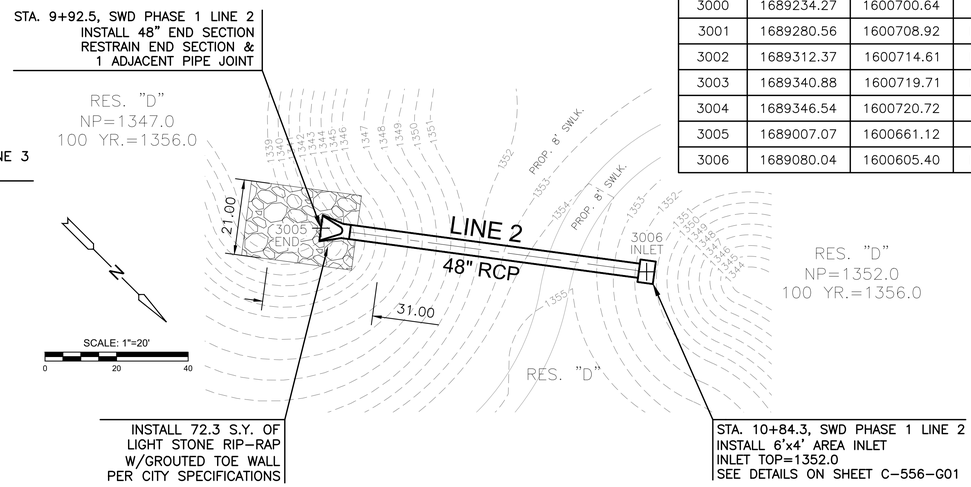
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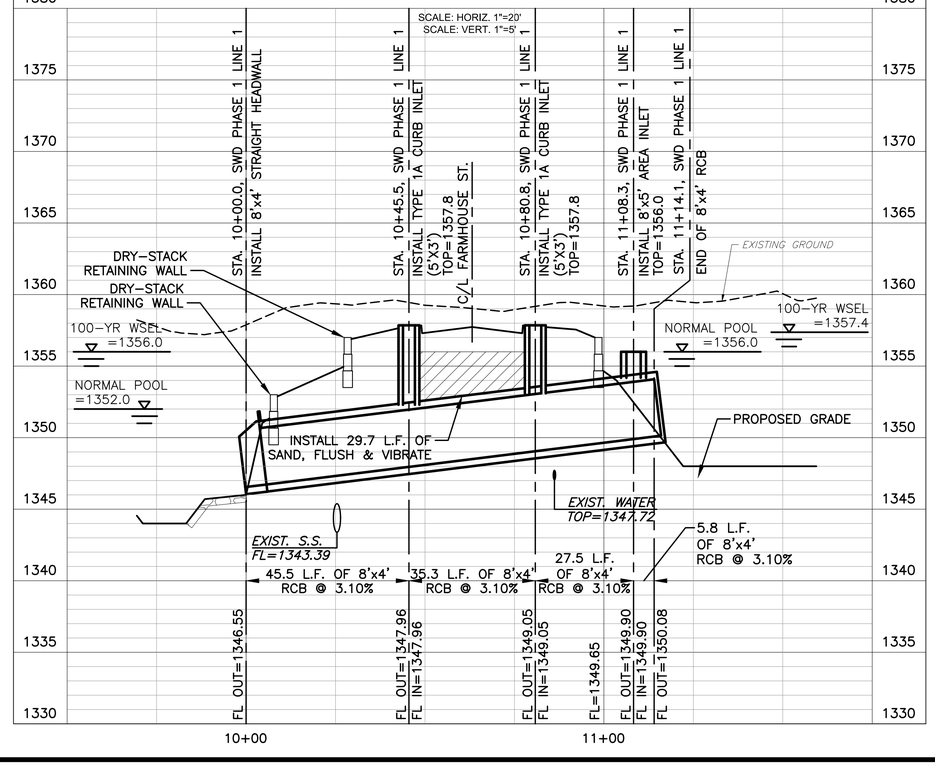
NOTE:
CONTRACTOR TO VERIFY THE DEPTH AND LOCATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.



STORM WATER SEWER POINTS			
Point #	Northing	Easting	Desc.
3000	1689234.27	1600700.64	END
3001	1689280.56	1600708.92	INLET
3002	1689312.37	1600714.61	INLET
3003	1689340.88	1600719.71	INLET
3004	1689346.54	1600720.72	END
3005	1689007.07	1600661.12	END
3006	1689080.04	1600605.40	INLET

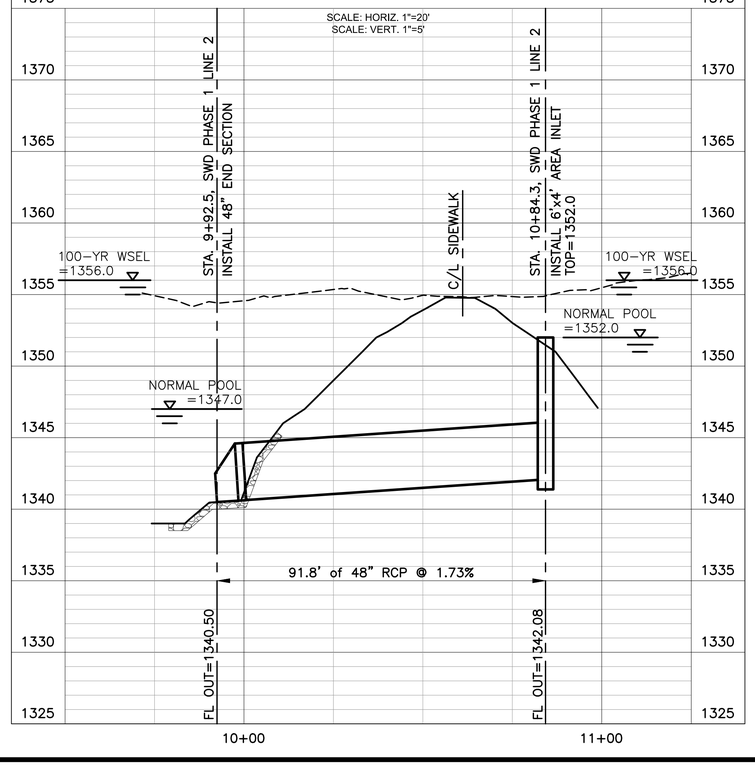
PLAN SWD PHASE 1 LINE 1

PROFILE SWD PHASE 1 LINE 1



PLAN SWD PHASE 1 LINE 2

PROFILE SWD PHASE 1 LINE 2



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PHASE 1 - STORM WATER DRAINAGE #549 TO SERVE

COURTYARDS AT JACOBS FARM
SECOND ADDITION

WICHITA, KS

SWS LINE 1 & 2

PROJECT NO. 458-2025-085619

SCALE HORIZ: 1"=20'

DRAWN	DESIGNED	CHECKED
BWS	DFL	SPE

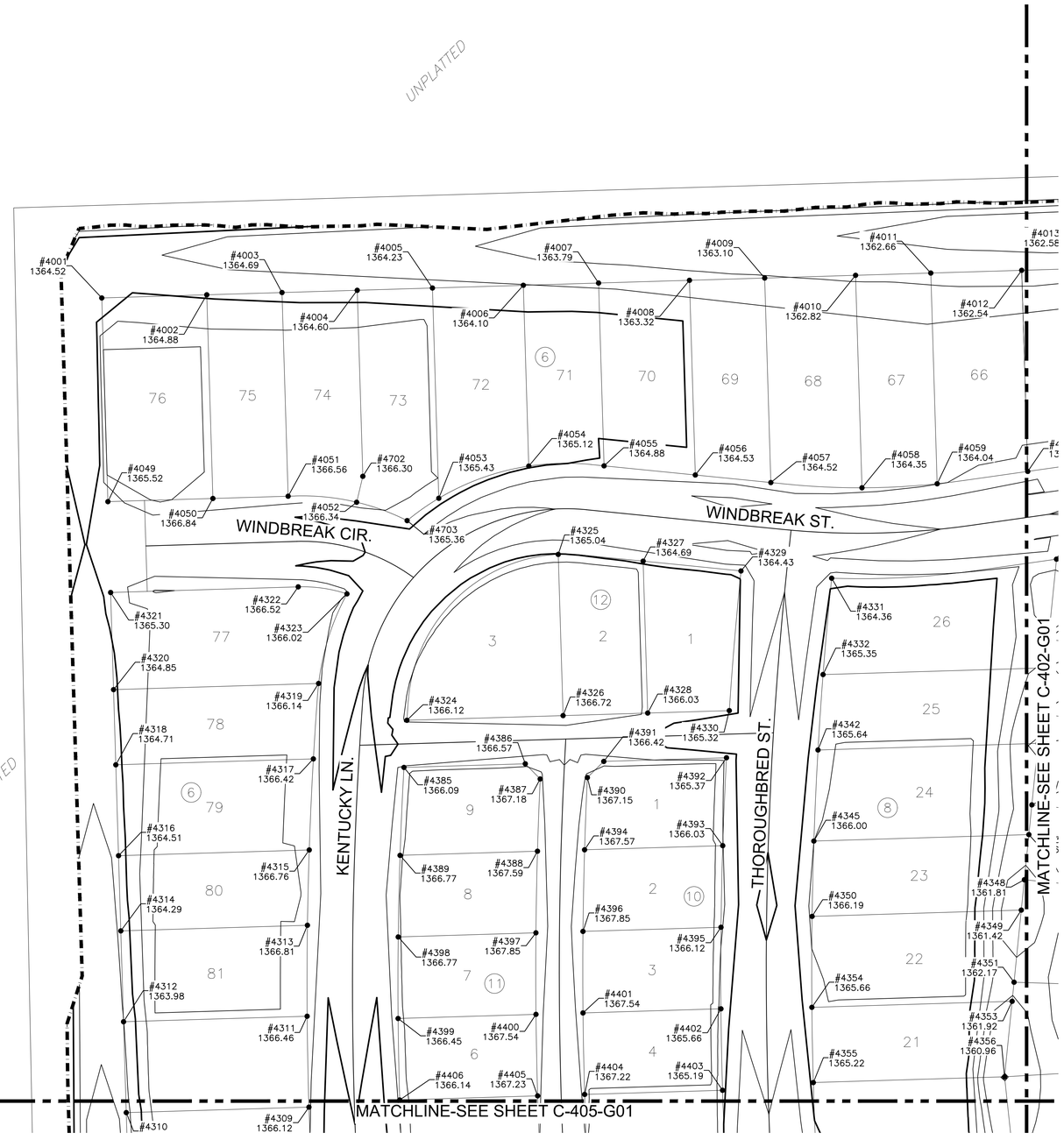
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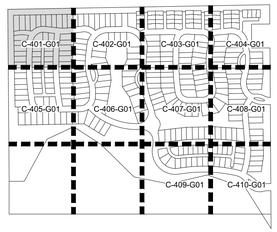
SHEET NO.
C-213-G01
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PLOTTED: Friday, June 19, 2026 @ 03:19PM

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VICINITY MAP

N

SCALE: 1"=40'
0 40 80

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24823
KANSAS
PROFESSIONAL ENGINEER
6/19/26

PHASE 1 - STORM WATER DRAINAGE #649 TO SERVE

COURTYARDS AT JACOBS FARM SECOND ADDITION

WICHITA, KS

LOT CORNER GRADING PLAN (1 OF 10)

PROJECT NO. 458-2025-085619

SCALE 1" = 30'

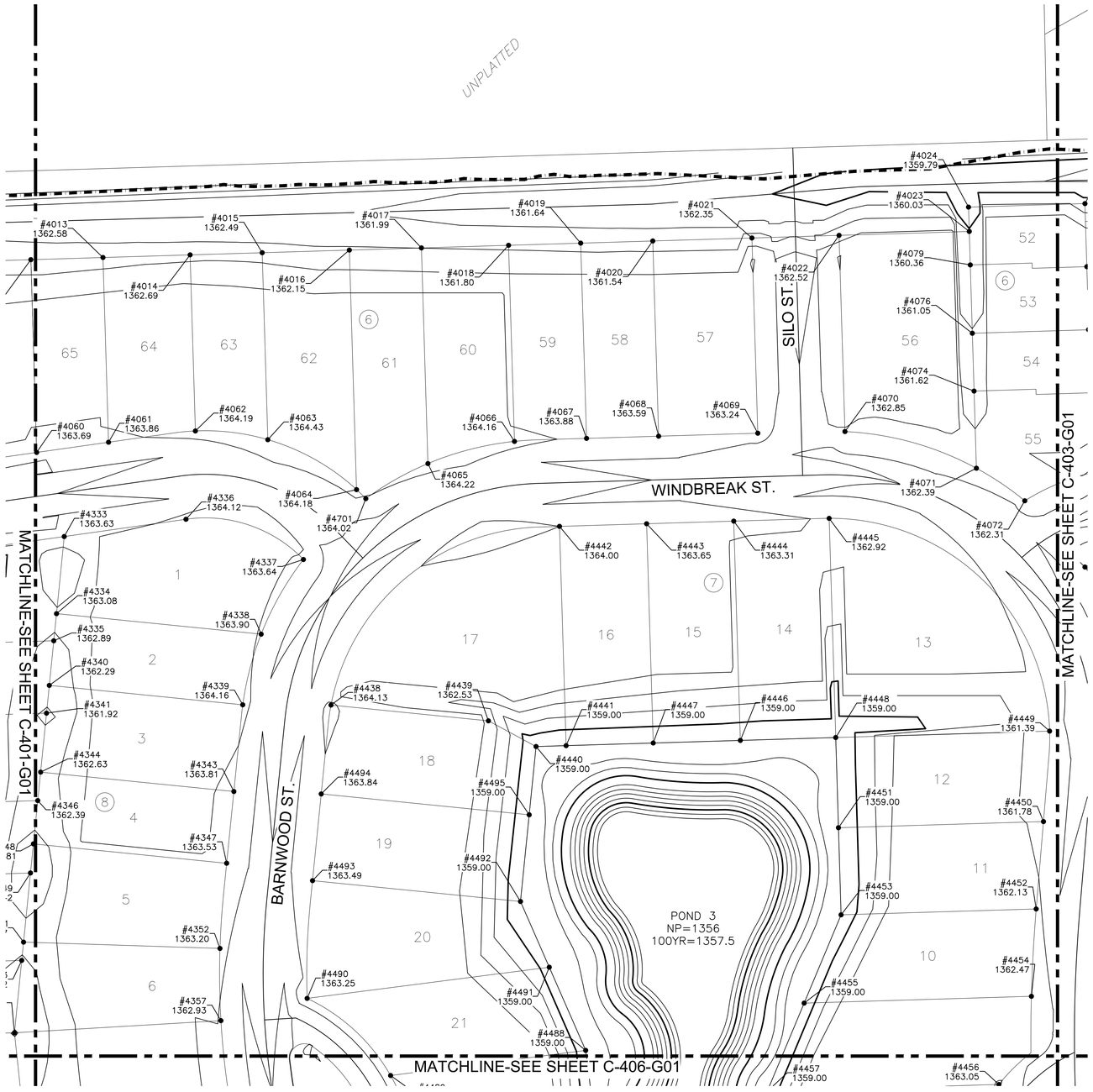
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HHK	DFL	SPE

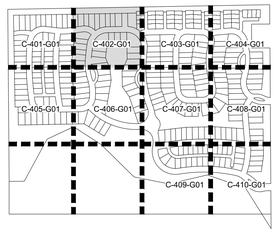
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SHEET NO. C-401-G01
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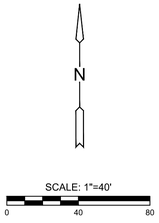
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PHASE 1 - STORM WATER DRAINAGE #549 TO SERVE

COURTYARDS AT JACOBS FARM SECOND ADDITION

WICHITA, KS

LOT CORNER GRADING PLAN (2 OF 10)

PROJECT NO. 458-2025-085619

SCALE 1" = 30'

DRAWN	DESIGNED	CHECKED
HHK	DFL	SPE

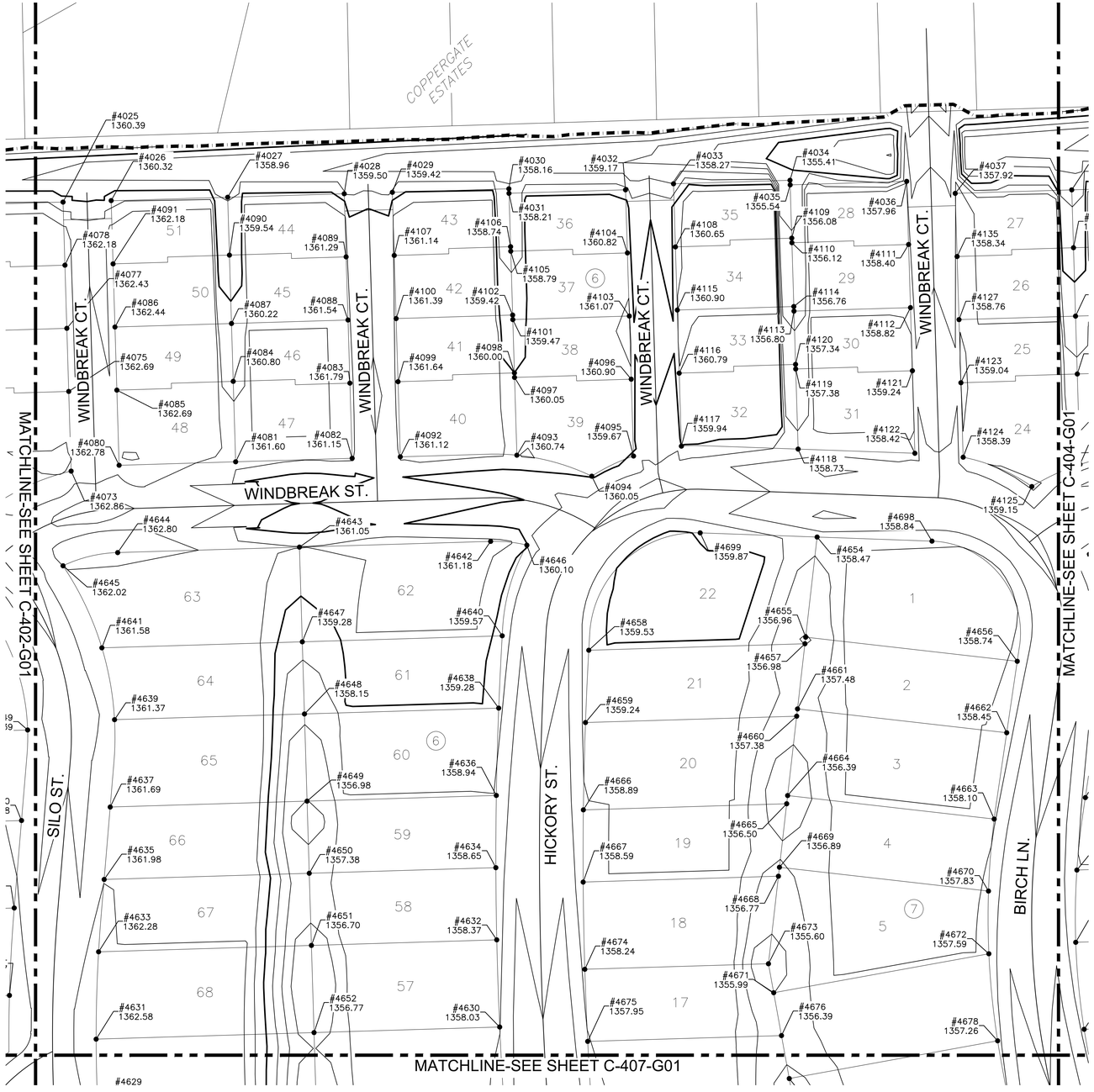
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0	ISSUED FOR CONSTRUCTION	06/19/2026

SHEET NO. C-402-G01
21 OF 59

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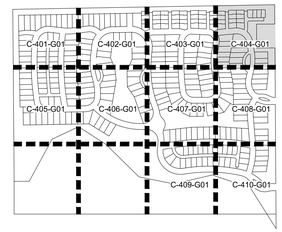
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PLOTTED: Friday, June 19, 2026 @ 03:19PM


COPPERGATE ESTATES
WINDBREAK CT.
WINDBREAK ST.
HICKORY ST.
SILO ST.
BIRCH LN.
MATCHLINE-SEE SHEET C-402-G01
MATCHLINE-SEE SHEET C-404-G01
MATCHLINE-SEE SHEET C-407-G01
#4025 1360.39
#4026 1360.32
#4027 1358.96
#4028 1359.50
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PLOTTED: Friday, June 19, 2026 @ 03:19PM





VICINITY MAP

N

SCALE: 1"=40'
0 40 80

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6/19/26

PHASE 1 - STORM WATER DRAINAGE #549 TO SERVE

COURTYARDS AT JACOBS FARM SECOND ADDITION

WICHITA, KS

LOT CORNER GRADING PLAN (4 OF 10)

PROJECT NO. 458-2025-085619

SCALE 1" = 30'

DRAWN	DESIGNED	CHECKED
HHK	DFL	SPE

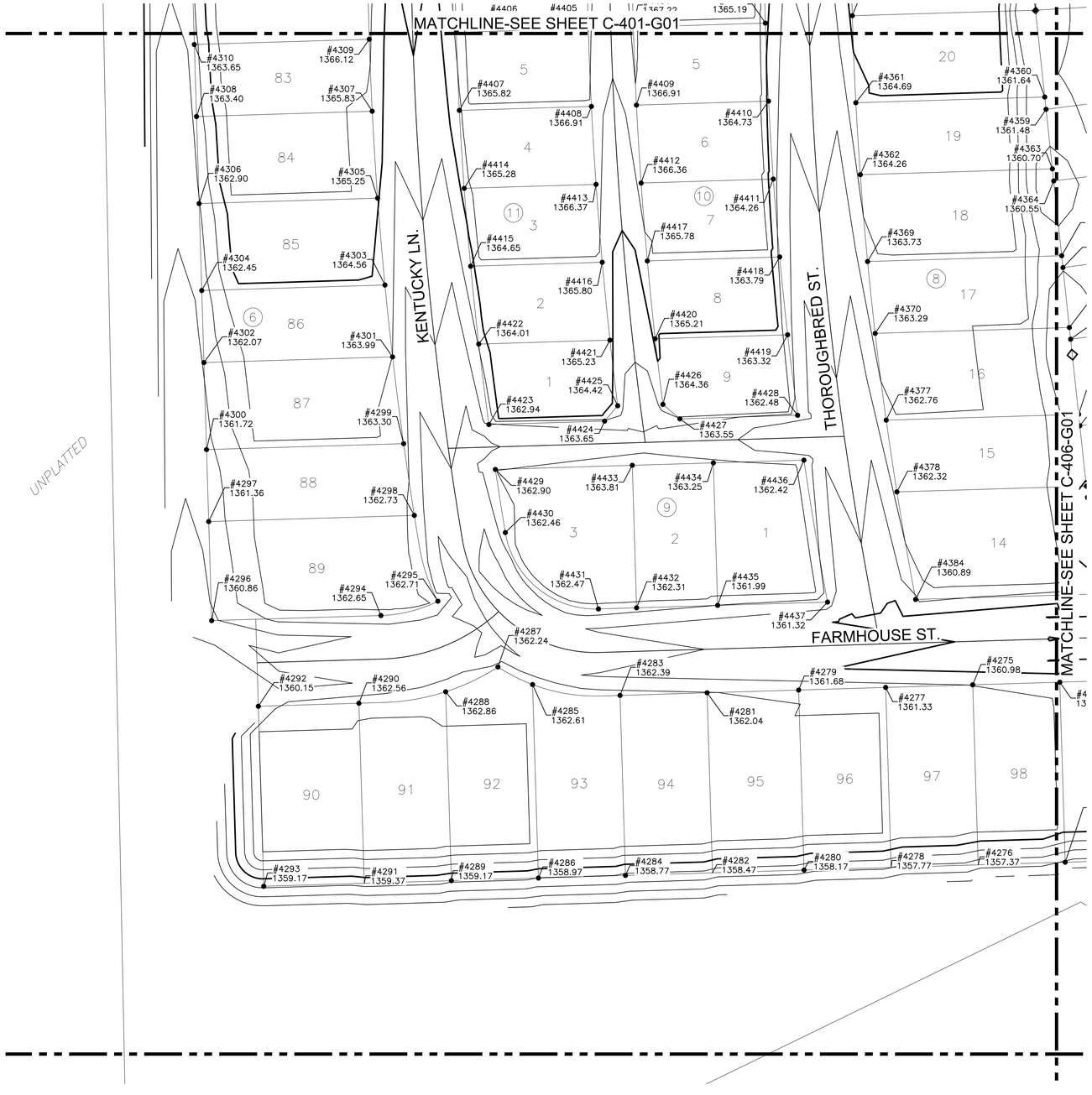
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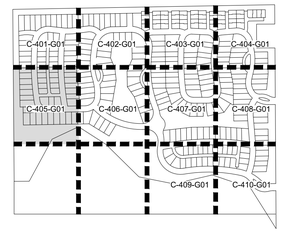
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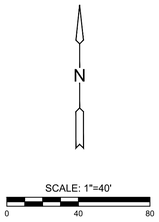
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PHASE 1 - STORM WATER DRAINAGE #549 TO SERVE

COURTYARDS AT JACOBS FARM SECOND ADDITION

WICHITA, KS

LOT CORNER GRADING PLAN (5 OF 10)

PROJECT NO, 458-2025-085619

SCALE 1" = 30'

DRAWN	DESIGNED	CHECKED
HHK	DFL	SPE

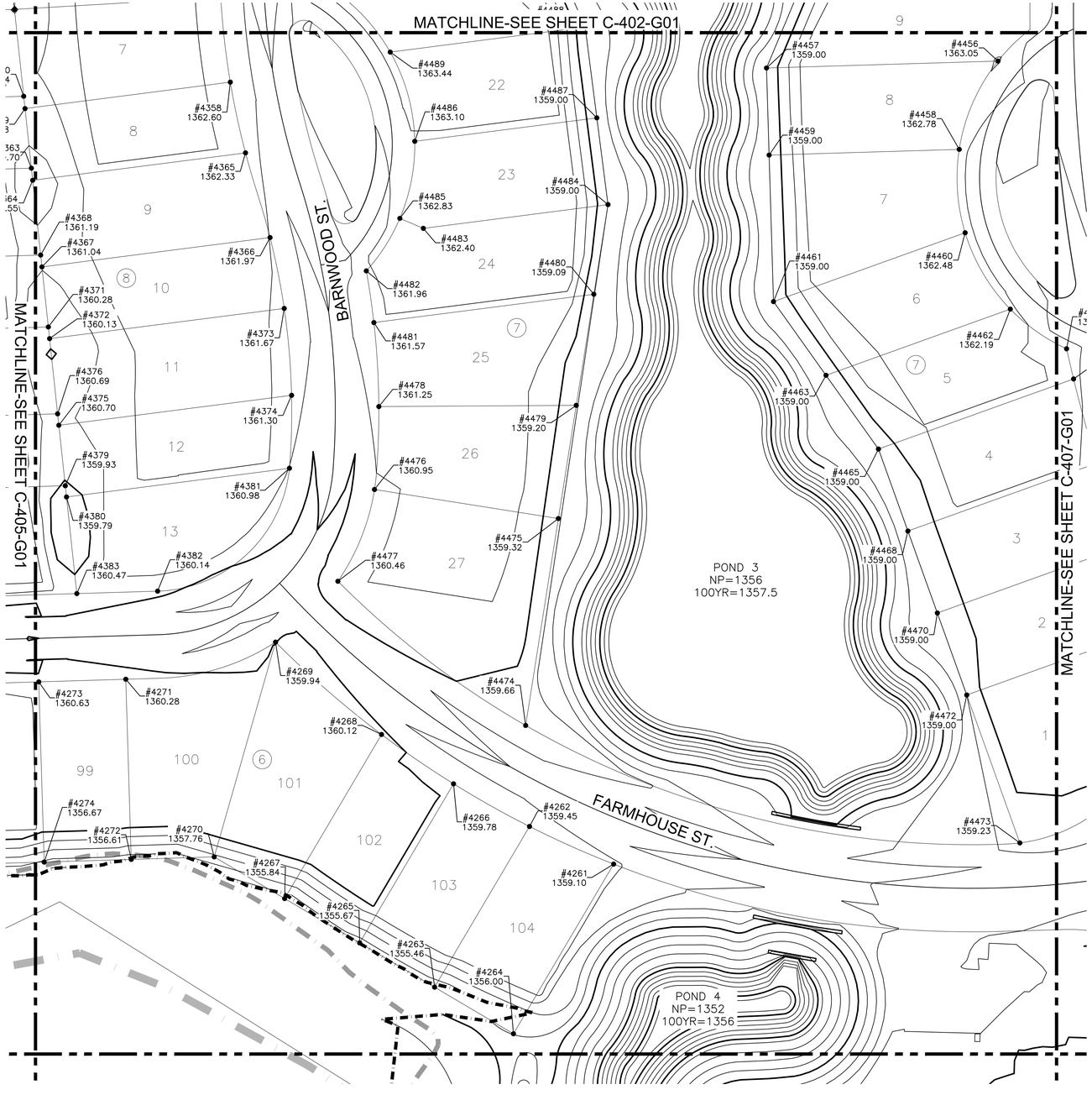
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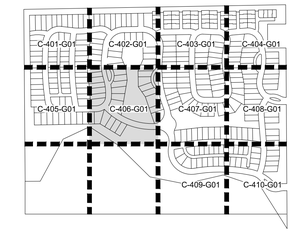
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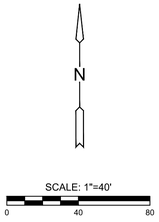
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PHASE 1 - STORM WATER DRAINAGE #549 TO SERVE

COURTYARDS AT JACOBS FARM SECOND ADDITION

WICHITA, KS

LOT CORNER GRADING PLAN (6 OF 10)

PROJECT NO.	
458-2025-085619	
SCALE	
1" = 30'	
DRAWN	DESIGNED / CHECKED
HHK	DFL / SPE

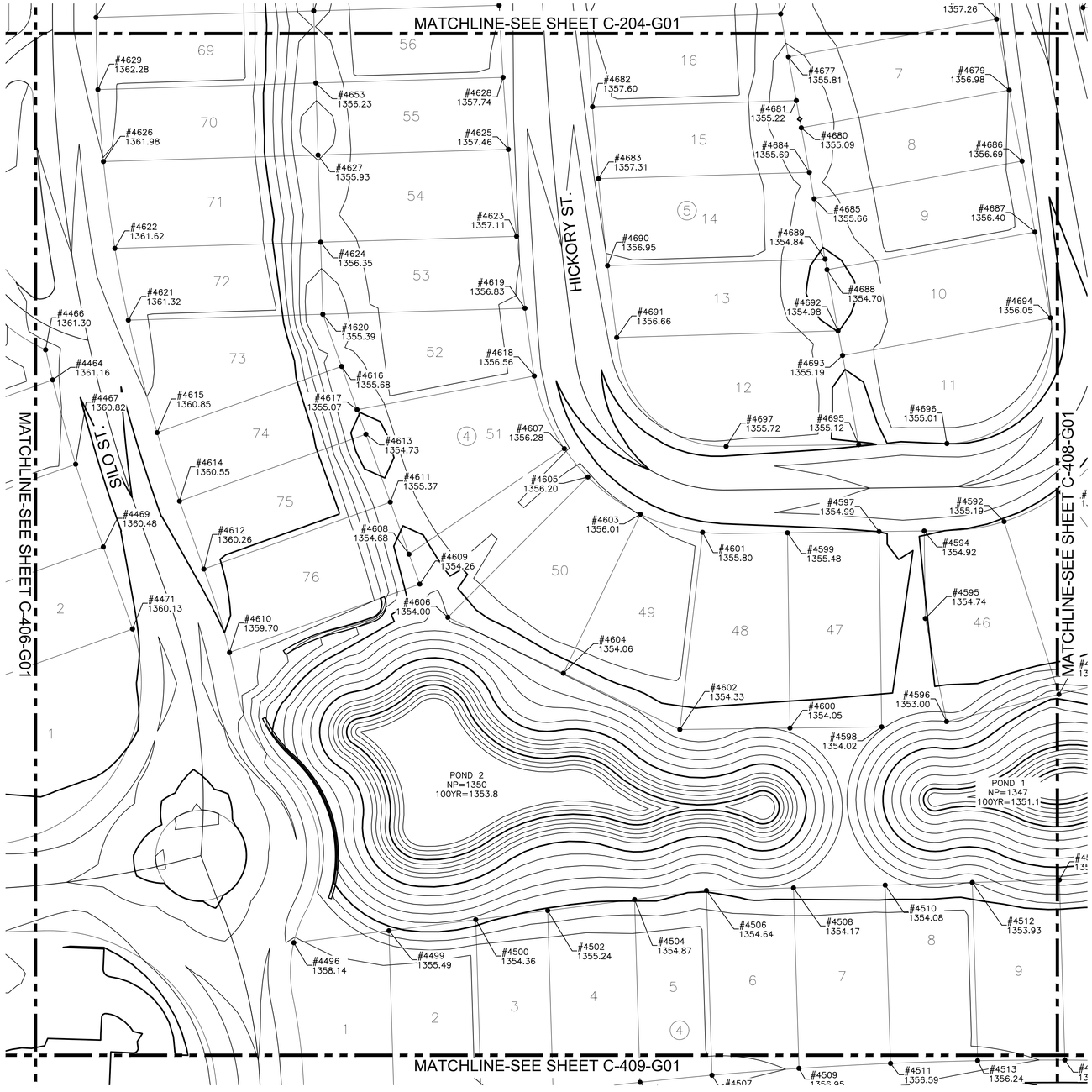
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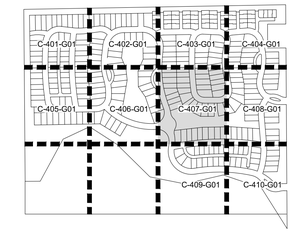
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PLOTTED: Friday, June 19, 2026 @ 03:19PM





VICINITY MAP

SCALE: 1"=40'
0 40 80

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KANSAS
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6/19/26

PHASE 1 - STORM WATER DRAINAGE #549 TO SERVE

COURTYARDS AT JACOBS FARM SECOND ADDITION

WICHITA, KS

LOT CORNER GRADING PLAN (7 OF 10)

PROJECT NO. 458-2025-085619

SCALE 1" = 30'

DRAWN	DESIGNED	CHECKED
HHK	DFL	SPE

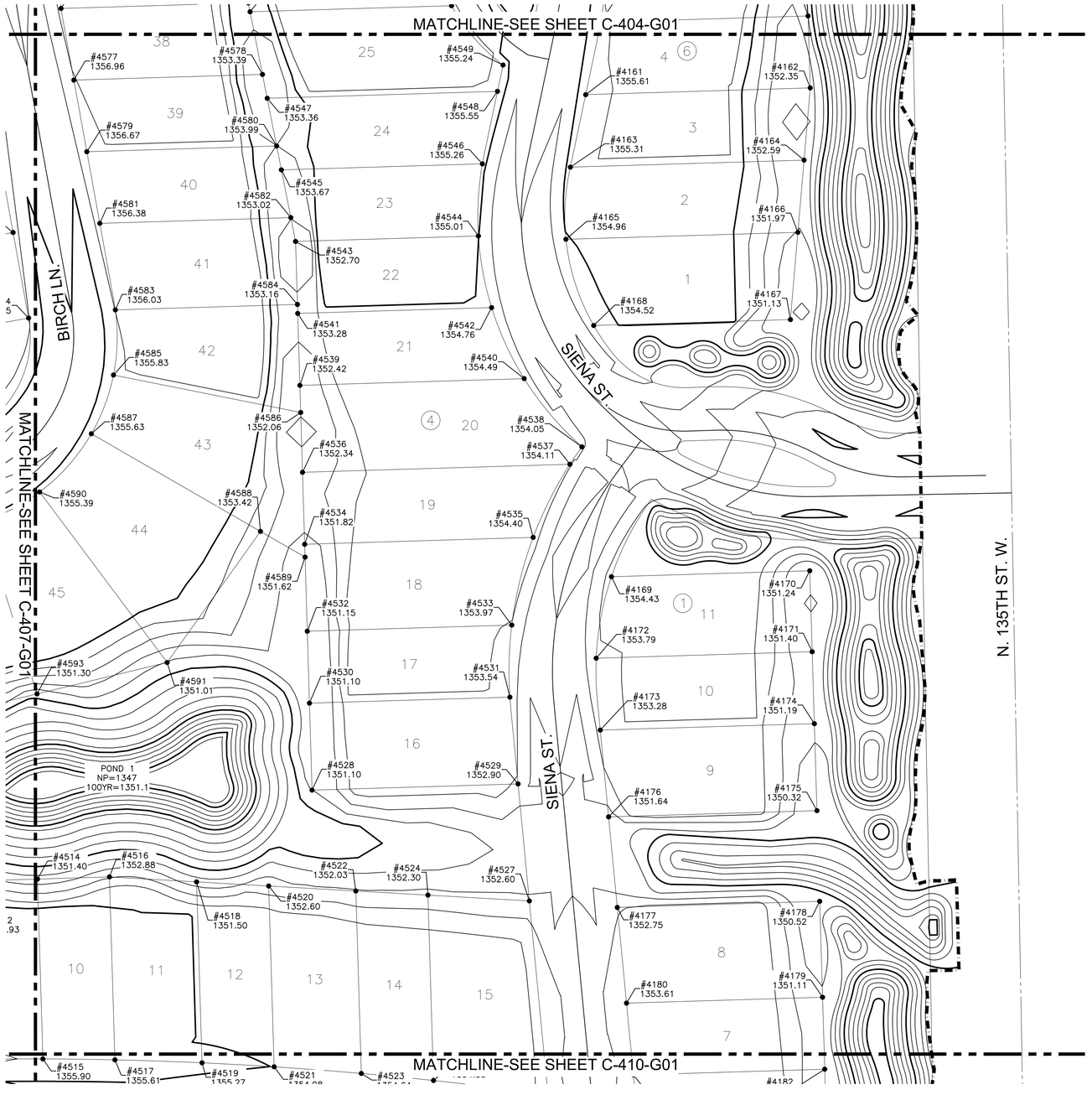
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0	ISSUED FOR CONSTRUCTION	06/19/2026

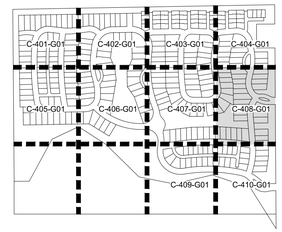
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PROFESSIONAL ENGINEER
6/19/26

PHASE 1 - STORM WATER DRAINAGE #549 TO SERVE

COURTYARDS AT JACOBS FARM SECOND ADDITION

WICHITA, KS

LOT CORNER GRADING PLAN (8 OF 10)

PROJECT NO. 458-2025-085619

SCALE 1" = 30'

DRAWN	DESIGNED	CHECKED
HHK	DFL	SPE

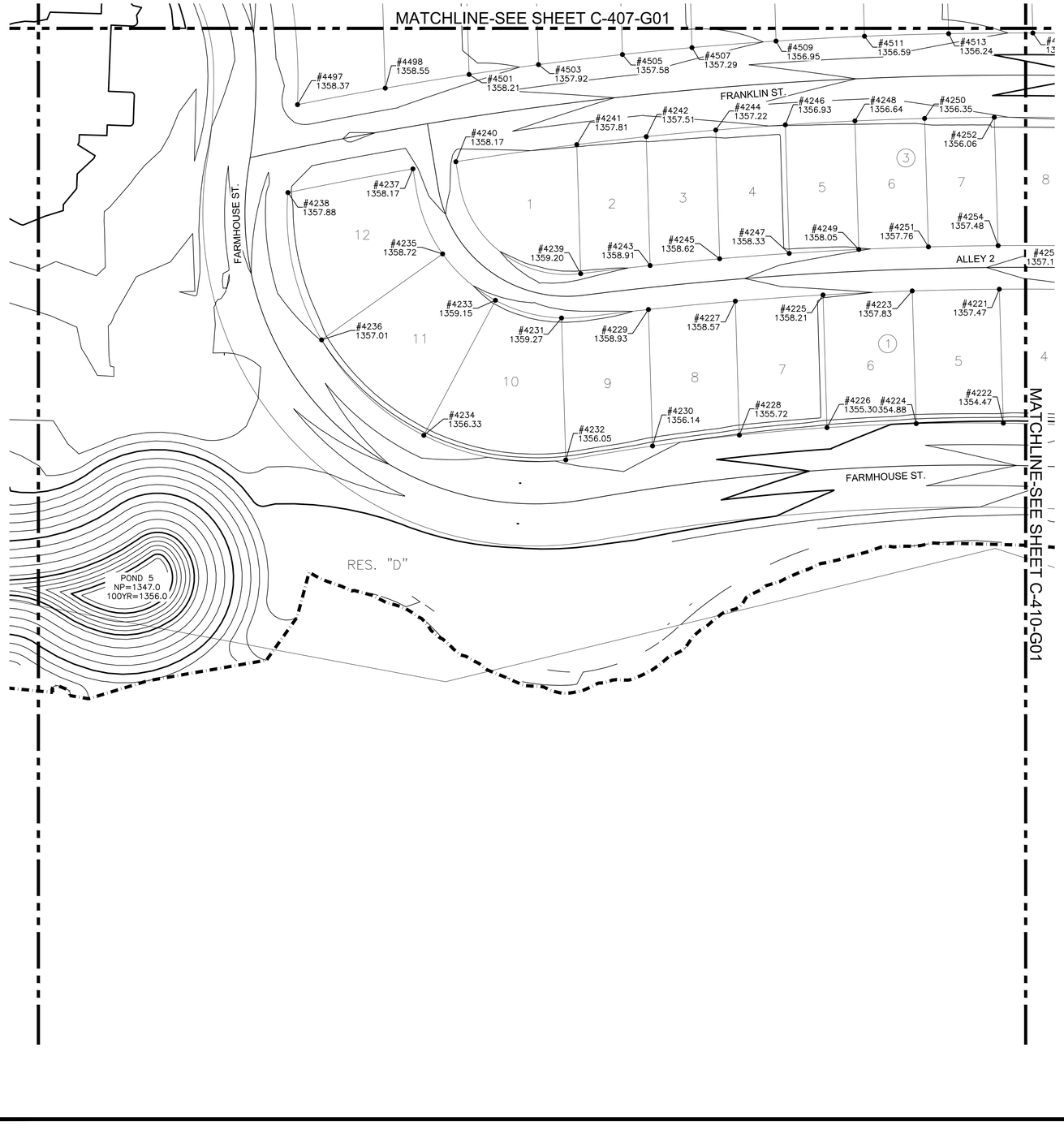
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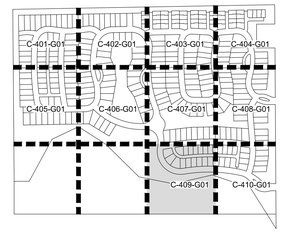
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PLOTTED: Friday, June 19, 2026 @ 03:13PM





VICINITY MAP

SCALE: 1"=40'
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SCOTT PRESTON EVANS
VICENSE NUMBER
24823
KANSAS
PROFESSIONAL ENGINEER
6/19/26

PHASE 1 - STORM WATER DRAINAGE #549 TO SERVE

COURTYARDS AT JACOBS FARM SECOND ADDITION

WICHITA, KS

LOT CORNER GRADING PLAN (9 OF 10)

PROJECT NO. 458-2025-085619

SCALE 1" = 30'

DRAWN	DESIGNED	CHECKED
HHK	DFL	SPE

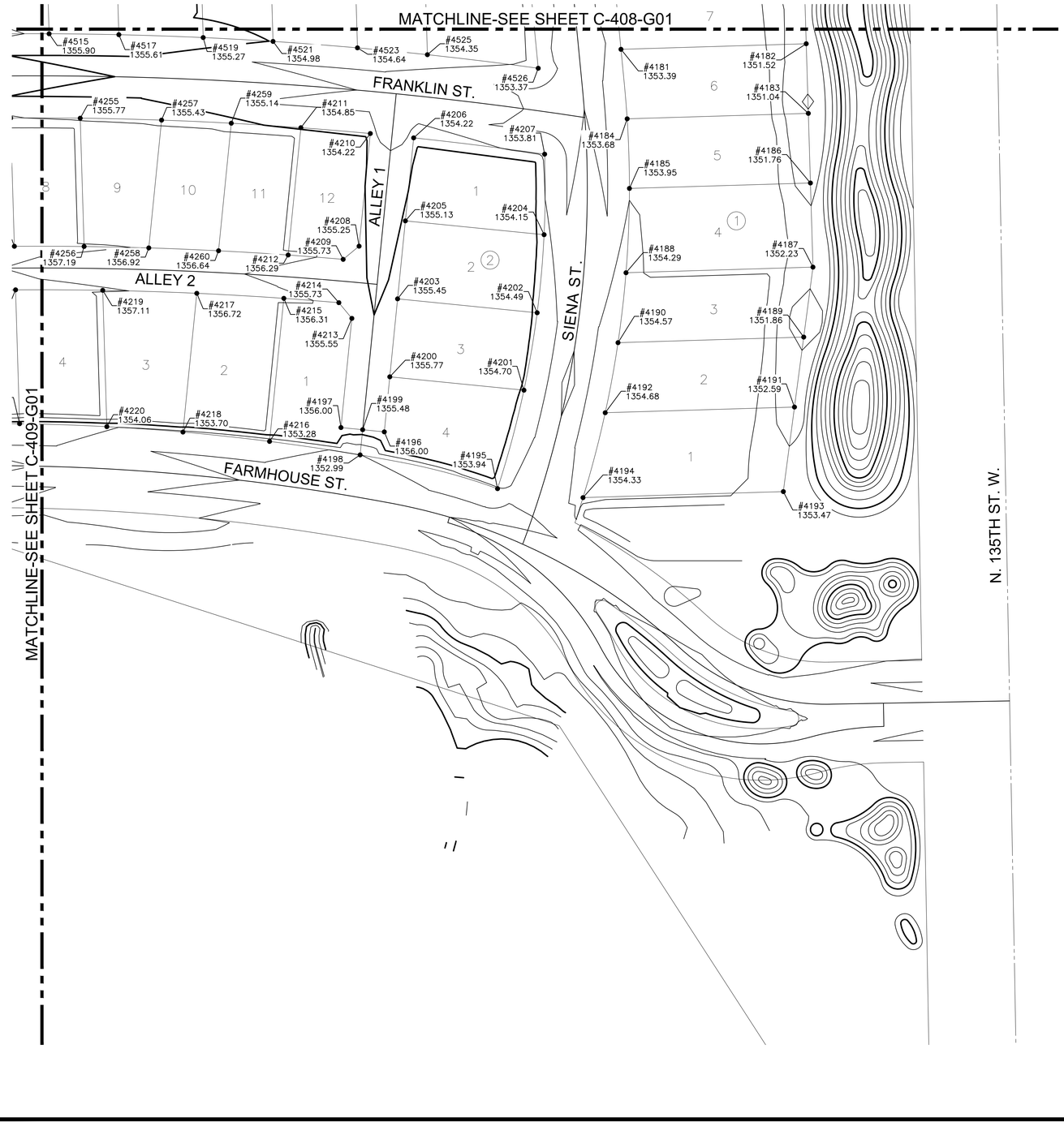
NO.	REVISION	DATE
0	ISSUED FOR CONSTRUCTION	06/19/2026

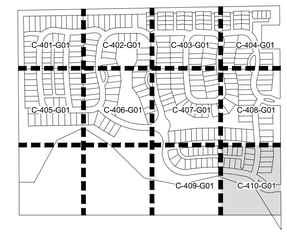
SHEET NO.
C-409-G01
28 OF 59

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J:\PROJECTS\2022\220101\0296_PERFECTION_JACOBS 135TH AND CENTRAL\00 _220296 CAD\SHTS\05 GN\LGRD\2ND ADDITION\220296_05_C-401-G01.DWG

PLOTTED: Friday, June 19, 2026 @ 03:19PM





VICINITY MAP

MKEC
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SCOTT PRESTON EVANS
24423
KANSAS
PROFESSIONAL ENGINEER
6/19/26

PHASE 1 - STORM WATER DRAINAGE #549 TO SERVE

COURTYARDS AT JACOBS FARM SECOND ADDITION

WICHITA, KS

LOT CORNER GRADING PLAN (10 OF 10)

PROJECT NO, 458-2025-085619

SCALE 1" = 30'

DRAWN	DESIGNED	CHECKED
HHK	DFL	SPE

NO.	REVISION	DATE
0	ISSUED FOR CONSTRUCTION	06/19/2026

SHEET NO. C-410-G01
29 OF 59

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J:\PROJECTS\2022\220101096_PERFECTION_JACOBS 135TH AND CENTRAL\00 _220096 CAD\SHTS\05 CIVIL\GRD\2ND ADDITION\220296_05_C-401-G01.DWG

GRADING POINTS			
POINT #	NORTHING	EASTING	ELEV.
4001	1690368.77	1599608.25	1364.52
4002	1690370.78	1599675.22	1364.88
4003	1690372.22	1599723.20	1364.69
4004	1690373.66	1599771.18	1364.60
4005	1690375.11	1599819.16	1364.23
4006	1690376.85	1599877.13	1364.10
4007	1690378.29	1599925.11	1363.79
4008	1690380.04	1599983.08	1363.32
4009	1690381.48	1600031.06	1363.10
4010	1690383.22	1600089.04	1362.82
4011	1690384.66	1600137.01	1362.66
4012	1690386.41	1600194.99	1362.54
4013	1690387.85	1600242.97	1362.58
4014	1690389.59	1600300.94	1362.69
4015	1690391.03	1600348.92	1362.49
4016	1690392.78	1600406.89	1362.15
4017	1690394.22	1600454.87	1361.99
4018	1690395.96	1600512.84	1361.80
4019	1690397.41	1600560.82	1361.64
4020	1690398.85	1600608.80	1361.54
4021	1690400.83	1600674.77	1362.35
4022	1690402.58	1600732.75	1362.52
4023	1690405.18	1600819.39	1360.03
4024	1690421.39	1600818.90	1359.79
4025	1690423.72	1600896.36	1360.39
4026	1690424.68	1600928.35	1360.32
4027	1690426.92	1601005.82	1358.96
4028	1690429.25	1601083.28	1359.50
4029	1690430.21	1601115.27	1359.42
4030	1690432.54	1601192.73	1358.16
4031	1690429.54	1601192.82	1358.21
4032	1690431.87	1601270.29	1359.17
4033	1690435.89	1601302.18	1358.27
4034	1690438.21	1601379.65	1355.41
4035	1690435.16	1601379.74	1355.54
4036	1690437.49	1601457.20	1357.96
4037	1690429.50	1601489.46	1357.92
4038	1690431.83	1601566.92	1353.77
4039	1690434.16	1601644.39	1354.88
4040	1690442.93	1601676.14	1353.59
4041	1690445.26	1601753.60	1351.80
4042	1690447.59	1601831.07	1352.69
4043	1690448.55	1601863.05	1352.48
4044	1690450.16	1601916.53	1352.75
4045	1690451.31	1601955.01	1352.22
4046	1690452.68	1602000.49	1352.04
4047	1690453.84	1602038.98	1350.22
4048	1690376.37	1602041.30	1353.87
4049	1690238.82	1599612.16	1365.52
4050	1690240.84	1599679.13	1366.84

GRADING POINTS			
POINT #	NORTHING	EASTING	ELEV.
4051	1690242.28	1599727.11	1366.56
4052	1690238.43	1599770.81	1366.34
4053	1690240.95	1599823.19	1365.43
4054	1690261.48	1599880.60	1365.12
4055	1690261.65	1599928.62	1364.88
4056	1690255.82	1599986.82	1364.53
4057	1690250.98	1600034.99	1364.52
4058	1690247.64	1600093.11	1364.35
4059	1690250.21	1600141.06	1364.04
4060	1690258.10	1600198.85	1363.69
4061	1690264.89	1600246.66	1363.86
4062	1690272.38	1600304.46	1364.19
4063	1690266.58	1600352.66	1364.43
4064	1690233.35	1600411.69	1364.18
4065	1690250.69	1600459.19	1364.22
4066	1690265.45	1600516.77	1364.16
4067	1690267.46	1600564.73	1363.88
4068	1690268.91	1600612.71	1363.59
4069	1690270.89	1600678.68	1363.24
4070	1690272.02	1600736.67	1362.85
4071	1690247.59	1600824.12	1362.39
4072	1690225.93	1600856.34	1362.31
4073	1690244.80	1600901.74	1362.86
4074	1690298.95	1600822.58	1361.62
4075	1690297.78	1600900.15	1362.69
4076	1690337.43	1600821.42	1361.05
4077	1690339.76	1600898.89	1362.43
4078	1690381.74	1600897.63	1362.18
4079	1690382.91	1600820.06	1360.36
4080	1690248.67	1600933.64	1362.78
4081	1690251.00	1601011.11	1361.60
4082	1690253.33	1601088.57	1361.15
4083	1690303.30	1601087.07	1361.79
4084	1690304.47	1601009.50	1360.80
4085	1690298.65	1600932.14	1362.69
4086	1690340.63	1600930.88	1362.44
4087	1690342.96	1601008.34	1360.22
4088	1690345.29	1601085.81	1361.54
4089	1690387.27	1601084.54	1361.29
4090	1690388.44	1601006.97	1359.54
4091	1690382.61	1600929.61	1362.18
4092	1690254.29	1601120.56	1361.12
4093	1690255.38	1601198.06	1360.74
4094	1690241.43	1601247.85	1360.05
4095	1690254.82	1601275.61	1359.67
4096	1690305.93	1601274.08	1360.90
4097	1690307.09	1601196.50	1360.05
4098	1690310.09	1601196.41	1360.00
4099	1690304.27	1601119.06	1361.64
4100	1690346.25	1601117.79	1361.39

GRADING POINTS			
POINT #	NORTHING	EASTING	ELEV.
4101	1690345.58	1601195.35	1359.47
4102	1690348.58	1601195.26	1359.42
4103	1690347.91	1601272.81	1361.07
4104	1690389.89	1601271.55	1360.82
4105	1690391.06	1601193.98	1358.79
4106	1690394.06	1601193.89	1358.74
4107	1690388.23	1601116.53	1361.14
4108	1690393.90	1601303.44	1360.65
4109	1690399.73	1601380.80	1356.08
4110	1690396.68	1601380.90	1356.12
4111	1690395.51	1601458.47	1358.40
4112	1690353.53	1601459.73	1358.82
4113	1690351.20	1601382.26	1356.80
4114	1690354.25	1601382.17	1356.76
4115	1690351.92	1601304.71	1360.90
4116	1690309.94	1601305.97	1360.79
4117	1690261.39	1601307.43	1359.94
4118	1690259.44	1601385.02	1358.73
4119	1690312.71	1601383.42	1357.38
4120	1690315.77	1601383.33	1357.34
4121	1690311.55	1601460.99	1359.24
4122	1690256.66	1601462.64	1358.42
4123	1690303.56	1601493.25	1359.04
4124	1690254.03	1601494.73	1358.39
4125	1690234.54	1601540.37	1359.15
4126	1690249.26	1601572.41	1358.48
4127	1690345.54	1601491.98	1358.76
4128	1690347.87	1601569.45	1355.45
4129	1690309.39	1601570.61	1356.22
4130	1690308.22	1601648.18	1357.44
4131	1690260.18	1601649.62	1356.40
4132	1690350.20	1601646.91	1357.26
4133	1690392.18	1601645.65	1357.01
4134	1690393.35	1601568.08	1354.54
4135	1690387.52	1601490.72	1358.34
4136	1690400.95	1601677.40	1356.81
4137	1690406.77	1601754.76	1352.57
4138	1690405.61	1601832.33	1356.07
4139	1690363.62	1601833.59	1356.49
4140	1690361.30	1601756.13	1353.48
4141	1690358.97	1601678.66	1357.06
4142	1690316.99	1601679.93	1357.32
4143	1690322.81	1601757.29	1354.25
4144	1690321.64	1601834.86	1356.91
4145	1690253.21	1601833.67	1356.11
4146	1690270.22	1601758.87	1356.63
4147	1690263.24	1601681.54	1356.34
4148	1690372.59	1601915.36	1355.48
4149	1690373.85	1601957.34	1355.06
4150	1690375.11	1601999.32	1354.64

GRADING POINTS			
POINT #	NORTHING	EASTING	ELEV.
4151	1690371.55	1601880.88	1355.82
4152	1690386.58	1601864.92	1356.12
4153	1690034.56	1601937.26	1356.87
4154	1690038.50	1602068.34	1354.77
4155	1689974.53	1602070.26	1353.25
4156	1689970.70	1601942.88	1356.50
4157	1689922.65	1601942.00	1356.23
4158	1689926.55	1602071.71	1353.92
4159	1689868.58	1602073.45	1353.98
4160	1689864.42	1601935.02	1355.90
4161	1689816.10	1601925.12	1355.61
4162	1689820.60	1602074.89	1352.35
4163	1689767.77	1601914.90	1355.31
4164	1689772.46	1602070.78	1352.59
4165	1689719.66	1601911.94	1354.96
4166	1689724.31	1602066.66	1351.97
4167	1689666.14	1602061.68	1351.13
4168	1689662.19	1601930.47	1354.52
4169	1689494.67	1601942.30	1354.43
4170	1689498.64	1602074.57	1351.24
4171	1689444.67	1602076.19	1351.40
4172	1689440.34	1601932.14	1353.79
4173	1689392.40	1601934.84	1353.28
4174	1689396.69	1602077.63	1351.19
4175	1689338.72	1602079.38	1350.32
4176	1689334.54	1601940.41	1351.64
4177	1689274.18	1601946.18	1352.75
4178	1689278.24	1602081.20	1350.52
4179	1689214.27	1602083.12	1351.11
4180	1689210.33	1601952.36	1353.61
4181	1689162.45	1601956.97	1353.39
4182	1689166.29	1602084.56	1351.52
4183	1689118.31	1602086.00	1351.04
4184	1689114.56	1601961.23	1353.68
4185	1689066.58	1601962.78	1353.95
4186	1689070.33	1602087.45	1351.76
4187	1689012.36	1602089.19	1352.23
4188	1689008.49	1601960.42	1354.29
4189	1688964.14	1602082.83	1351.86
4190	1688960.30	1601954.92	1354.57
4191	1688915.93	1602076.47	1352.59
4192	1688912.01	1601946.10	1354.68
4193	1688857.67	1602068.78	1353.47
4194	1688853.53	1601930.81	1354.33
4195	1688859.71	1601871.94	1353.94
4196	1688898.83	1601793.95	1356.00
4197	1688901.81	1601764.09	1356.00
4198	1688882.96	1601777.29	1352.99
4199	1688900.32	1601779.02	1355.48
4200	1688936.77	1601797.73	1355.77

GRADING POINTS			
POINT #	NORTHING	EASTING	ELEV.
4201	1688927.55	1601890.12	1354.70
4202	1688980.91	1601899.23	1354.49
4203	1688990.50	1601803.09	1355.45
4204	1689034.70	1601904.00	1354.15
4205	1689044.23	1601808.46	1355.13
4206	1689101.44	1601814.16	1354.22
4207	1689090.20	1601904.38	1353.81
4208	1689026.79	1601776.57	1355.25
4209	1689017.72	1601765.61	1355.73
4210	1689104.42	1601784.31	1354.22
4211	1689108.43	1601736.47	1354.85
4212	1689020.71	1601727.72	1356.29
4213	1688977.03	1601771.60	1355.55
4214	1688987.87	1601762.63	1355.73
4215	1688990.84	1601724.74	1356.31
4216	1688892.25	1601714.90	1353.28
4217	1688994.32	1601664.79	1356.72
4218	1688898.70	1601655.25	1353.70
4219	1688996.38	1601600.01	1357.11
4220	1688902.41	1601602.83	1354.06
4221	1688996.71	1601539.97	1357.47
4222	1688904.45	1601542.74	1354.47
4223	1688995.53	1601479.98	1357.83
4224	1688904.13	1601482.73	1354.88
4225	1688992.76	1601418.53	1358.21
4226	1688901.36	1601421.28	1355.30
4227	1688988.48	1601358.13	1358.57
4228	1688896.21	1601360.91	1355.72
4229	1688982.72	1601298.28	1358.93
4230	1688888.73	1601301.11	1356.14
4231	1688976.87	1601238.43	1359.27
4232	1688879.12	1601241.37	1356.05
4233	1688989.05	1601192.91	1359.15
4234	1688896.05	1601143.56	1356.33
4235	1689021.00	1601156.52	1358.72
4236	1688961.79	1601073.17	1357.01
4237	1689079.60	1601136.06	1358.17
4238	1689063.26	1601049.98	1357.88
4239	1689007.41	1601251.60	1359.20
4240	1689084.50	1601165.65	1358.17
4241	1689096.29	1601248.92	1357.81
4242	1689101.77	1601296.78	1357.51
4243	1689013.02	1601299.45	1358.91
4244	1689106.31	1601344.66	1357.22
4245	1689017.67	1601347.33	1358.62
4246	1689109.92	1601392.58	1356.93
4247	1689021.36	1601395.24	1358.33
4248	1689112.58	1601440.52	1356.64
4249	1689024.09	1601443.18	1358.05
4250	1689114.32	1601488.49	1356.35

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SCOTT PRESTON LAMB
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24423
KANSAS
PROFESSIONAL ENGINEER
6/19/26

PHASE 1 - STORM WATER DRAINAGE #549 TO SERVE
COURTYARDS AT JACOBS FARM
SECOND ADDITION
WICHITA, KS

LOT CORNER POINT TABLES (1 OF 3)

PROJECT NO. 458-2025-085619
SCALE N/A
DRAWN HHK | DESIGNED DFL | CHECKED SPE

NO.	REVISION	DATE
0	ISSUED FOR CONSTRUCTION	06/19/2026

SHEET NO.
C-411-G01
30 OF 59

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PLOTTED: Friday, June 19, 2026 @ 03:13PM
J:\PROJECTS\2022\2201010298_PERFECTION_JACOBS 13STH AND CENTRAL\00 _2026\6 CAD\SHTS\05 CIVIL\GRD\2ND ADDITION\2202986_05_C-401-G01.DWG

GRADING POINTS			
POINT #	NORTHING	EASTING	ELEV.
4251	1689025.88	1601491.15	1357.76
4252	1689115.12	1601536.49	1356.06
4254	1689026.70	1601539.15	1357.48
4255	1689115.00	1601584.51	1355.77
4256	1689026.58	1601587.17	1357.19
4257	1689113.67	1601640.52	1355.43
4258	1689025.60	1601631.73	1356.92
4259	1689111.51	1601688.54	1355.14
4260	1689023.63	1601679.77	1356.64
4261	1689302.80	1600583.14	1359.10
4262	1689327.86	1600527.10	1359.45
4263	1689220.87	1600463.90	1355.46
4264	1689189.85	1600516.42	1356.00
4265	1689250.37	1600413.96	1355.67
4266	1689356.27	1600476.52	1359.78
4267	1689279.87	1600364.02	1355.84
4268	1689389.12	1600428.56	1360.12
4269	1689450.62	1600357.97	1359.94
4270	1689307.59	1600317.10	1357.76
4271	1689425.87	1600258.24	1360.28
4272	1689305.93	1600261.84	1356.61
4273	1689424.13	1600200.26	1360.63
4274	1689304.18	1600203.87	1356.67
4275	1689422.39	1600142.29	1360.98
4276	1689302.44	1600145.90	1357.37
4277	1689420.64	1600084.32	1361.33
4278	1689300.70	1600087.92	1357.77
4279	1689418.90	1600026.34	1361.68
4280	1689298.96	1600029.95	1358.17
4281	1689417.07	1599965.37	1362.04
4282	1689297.12	1599968.98	1358.47
4283	1689415.32	1599907.40	1362.39
4284	1689295.38	1599911.00	1358.77
4285	1689422.56	1599849.15	1362.61
4286	1689293.64	1599853.03	1358.97
4287	1689434.27	1599826.09	1362.24
4288	1689417.76	1599791.27	1362.86
4289	1689291.89	1599795.06	1359.17
4290	1689410.10	1599733.47	1362.56
4291	1689290.15	1599737.08	1359.37
4292	1689408.08	1599666.51	1360.15
4293	1689288.14	1599670.11	1359.17
4294	1689468.56	1599748.13	1362.65
4295	1689478.11	1599786.05	1362.71
4296	1689465.17	1599635.42	1360.86
4297	1689531.14	1599633.44	1361.36
4298	1689535.26	1599770.38	1362.73
4299	1689583.07	1599763.26	1363.30
4300	1689579.12	1599632.00	1361.72
4301	1689640.87	1599755.90	1363.99

GRADING POINTS			
POINT #	NORTHING	EASTING	ELEV.
4302	1689637.10	1599630.25	1362.07
4303	1689688.74	1599750.83	1364.56
4304	1689685.07	1599628.81	1362.45
4305	1689746.62	1599745.91	1365.25
4306	1689743.05	1599627.07	1362.90
4307	1689804.54	1599742.34	1365.83
4308	1689801.02	1599625.32	1363.40
4309	1689852.50	1599740.38	1366.12
4310	1689849.00	1599623.88	1363.65
4311	1689910.49	1599739.23	1366.46
4312	1689906.97	1599622.14	1363.98
4313	1689968.53	1599739.42	1366.81
4314	1689964.95	1599620.40	1364.29
4315	1690016.58	1599740.58	1366.76
4316	1690012.93	1599618.95	1364.51
4317	1690074.69	1599743.20	1366.42
4318	1690070.90	1599617.21	1364.71
4319	1690122.81	1599746.54	1366.14
4320	1690118.88	1599615.77	1364.85
4321	1690180.85	1599613.90	1365.30
4322	1690184.45	1599733.55	1366.52
4323	1690179.96	1599764.62	1366.02
4324	1690099.31	1599802.85	1366.12
4325	1690205.15	1599899.38	1365.04
4326	1690102.30	1599902.47	1366.72
4327	1690200.86	1599953.53	1364.69
4328	1690103.92	1599956.45	1366.03
4329	1690194.60	1600015.95	1364.43
4330	1690105.49	1600008.50	1365.32
4331	1690189.95	1600073.78	1364.36
4332	1690128.48	1600068.29	1365.35
4333	1690202.12	1600217.19	1363.63
4334	1690150.81	1600212.05	1363.08
4335	1690132.75	1600210.24	1362.89
4336	1690213.62	1600298.20	1364.12
4337	1690186.86	1600376.34	1363.64
4338	1690137.15	1600348.23	1363.90
4339	1690090.14	1600335.98	1364.16
4340	1690103.05	1600207.26	1362.29
4341	1690084.58	1600205.40	1361.92
4342	1690080.36	1600065.07	1365.64
4343	1690032.44	1600330.06	1363.81
4344	1690045.34	1600201.47	1362.63
4345	1690022.26	1600062.43	1366.00
4346	1690026.38	1600199.56	1362.39
4347	1689984.68	1600325.27	1363.53
4348	1689997.58	1600196.68	1361.81
4349	1689978.21	1600194.73	1361.42
4350	1689974.20	1600061.29	1366.19
4351	1689932.20	1600190.12	1362.17

GRADING POINTS			
POINT #	NORTHING	EASTING	ELEV.
4352	1689928.00	1600320.81	1363.20
4353	1689920.01	1600188.89	1361.92
4354	1689916.17	1600061.15	1365.66
4355	1689868.18	1600062.07	1365.22
4356	1689871.85	1600184.06	1360.96
4357	1689879.93	1600321.45	1362.93
4358	1689823.41	1600327.84	1362.60
4359	1689805.82	1600191.12	1361.48
4360	1689814.01	1600190.24	1361.64
4361	1689810.22	1600064.42	1364.69
4362	1689762.29	1600067.40	1364.26
4363	1689766.14	1600195.35	1360.70
4364	1689758.08	1600196.21	1360.55
4365	1689776.32	1600337.97	1362.33
4366	1689719.95	1600354.32	1361.97
4367	1689700.40	1600202.38	1361.04
4368	1689708.30	1600201.53	1361.19
4369	1689704.41	1600072.25	1363.73
4370	1689656.54	1600077.29	1363.29
4371	1689660.43	1600206.65	1360.28
4372	1689652.66	1600207.48	1360.13
4373	1689672.77	1600363.75	1361.67
4374	1689614.92	1600368.65	1361.30
4375	1689594.97	1600213.64	1360.70
4376	1689602.59	1600212.82	1360.69
4377	1689598.73	1600084.64	1362.76
4378	1689550.93	1600091.78	1362.32
4379	1689554.72	1600217.94	1359.93
4380	1689547.23	1600218.74	1359.79
4381	1689566.34	1600367.22	1360.98
4382	1689484.54	1600279.42	1360.14
4383	1689482.92	1600225.61	1360.47
4384	1689479.27	1600104.27	1360.89
4385	1690069.24	1599800.99	1366.09
4386	1690071.56	1599878.36	1366.57
4387	1690061.87	1599887.88	1367.18
4388	1690015.77	1599886.15	1367.59
4389	1690013.14	1599798.50	1366.77
4390	1690062.78	1599917.95	1367.15
4391	1690073.07	1599928.44	1366.42
4392	1690075.42	1600006.70	1365.37
4393	1690019.32	1600004.31	1366.03
4394	1690016.67	1599916.18	1367.57
4395	1689967.27	1600003.20	1366.12
4396	1689964.62	1599915.17	1367.85
4397	1689963.72	1599885.16	1367.85
4398	1689961.08	1599797.32	1366.77
4399	1689909.05	1599797.25	1366.45
4400	1689911.70	1599885.19	1367.54
4401	1689912.60	1599915.18	1367.54

GRADING POINTS			
POINT #	NORTHING	EASTING	ELEV.
4402	1689915.24	1600003.16	1365.66
4403	1689863.25	1600004.19	1365.19
4404	1689860.60	1599916.23	1367.22
4405	1689859.70	1599886.25	1367.23
4406	1689857.06	1599798.27	1366.14
4407	1689805.10	1599800.38	1365.82
4408	1689807.74	1599888.32	1366.91
4409	1689808.64	1599918.31	1366.91
4410	1689811.29	1600006.29	1364.73
4411	1689759.36	1600009.46	1364.26
4412	1689756.71	1599921.43	1366.36
4413	1689755.81	1599891.42	1366.37
4414	1689753.17	1599803.59	1365.28
4415	1689701.28	1599807.90	1364.65
4416	1689703.91	1599895.54	1365.80
4417	1689704.82	1599925.58	1365.78
4418	1689707.47	1600013.70	1363.79
4419	1689655.60	1600019.02	1363.32
4420	1689652.95	1599930.77	1365.21
4421	1689652.04	1599900.69	1365.23
4422	1689649.42	1599813.30	1364.01
4423	1689595.78	1599820.06	1362.94
4424	1689598.10	1599897.11	1363.65
4425	1689608.32	1599905.84	1364.42
4426	1689609.22	1599935.96	1364.36
4427	1689599.61	1599947.24	1363.55
4428	1689601.96	1600025.66	1362.48
4429	1689565.90	1599824.34	1362.90
4430	1689523.83	1599831.01	1362.46
4431	1689472.92	1599893.01	1362.47
4432	1689473.68	1599918.42	1362.31
4433	1689568.64	1599915.56	1363.81
4434	1689570.26	1599969.54	1363.25
4435	1689475.31	1599972.39	1361.99
4436	1689572.08	1600029.87	1362.42
4437	1689477.51	1600045.59	1361.32
4438	1690089.97	1600394.70	1364.13
4439	1690079.46	1600499.43	1362.53
4440	1690062.36	1600531.13	1359.00
4441	1690062.96	1600551.12	1359.00
4442	1690208.90	1600546.74	1364.00
4443	1690210.64	1600604.71	1363.65
4444	1690212.38	1600662.68	1363.31
4445	1690214.25	1600726.16	1362.92
4446	1690066.45	1600667.07	1359.00
4447	1690064.71	1600609.10	1359.00
4448	1690068.36	1600730.54	1359.00
4449	1690072.64	1600872.84	1361.39
4450	1690012.43	1600868.76	1361.78
4451	1690008.33	1600732.35	1359.00

GRADING POINTS			
POINT #	NORTHING	EASTING	ELEV.
4452	1689954.26	1600863.91	1362.13
4453	1689950.36	1600734.09	1359.00
4454	1689896.14	1600860.72	1362.47
4455	1689891.59	1600709.51	1359.00
4456	1689837.46	1600839.07	1363.05
4457	1689832.83	1600684.93	1359.00
4458	1689778.66	1600813.29	1362.78
4459	1689774.85	1600686.68	1359.00
4460	1689723.14	1600817.24	1362.48
4461	1689677.31	1600689.61	1359.00
4462	1689672.31	1600847.30	1362.19
4463	1689628.23	1600724.56	1359.00
4464	1689625.82	1600889.46	1361.16
4465	1689579.16	1600759.51	1359.00
4466	1689645.89	1600884.79	1361.30
4467	1689569.70	1600904.79	1360.82
4468	1689524.57	1600779.11	1359.00
4469	1689514.68	1600923.19	1360.48
4470	1689469.98	1600798.72	1359.00
4471	1689460.04	1600942.63	1360.13
4472	1689415.40	1600818.32	1359.00
4473	1689316.91	1600853.68	1359.23
4474	1689395.12	1600524.54	1359.66
4475	1689532.86	1600546.32	1359.32
4476	1689552.22	1600423.86	1360.95
4477	1689491.12	1600399.49	1360.46
4478	1689607.42	1600426.76	1361.25
4479	1689608.23	1600558.24	1359.20
4480	1689682.20	1600569.94	1359.09
4481	1689663.35	1600423.45	1361.57
4482	1689697.76	1600418.42	1361.96
4483	1689726.07	1600456.40	1362.40
4484	1689741.89	1600579.38	1359.00
4485	1689732.71	1600440.75	1362.83
4486	1689784.02	1600450.68	1363.10
4487	1689799.63	1600571.95	1359.00
4488	1689860.13	1600564.16	1359.00
4489	1689843.42	1600434.34	1363.44
4490	1689894.75	1600378.81	1363.25
4491	1689915.49	1600539.93	1359.00
4492	1689959.23	1600520.79	1359.00
4493	1689973.11	1600382.40	1363.49
4494	1690030.82	1600388.19	1363.84
4495	1690016.94	1600526.58	1359.00
4496	1689251.24	1601049.96	1358.14
4497	1689123.81	1601056.59	1358.37
4498	1689135.17	1601117.01	1358.55
4499	1689259.26	1601113.28	1355.49
4500	1689266.58	1601171.09	1354.36
4501	1689144.61	1601174.75	1358.21

PLOTTED: Friday, June 19, 2026 @ 03:13PM

J:\PROJECTS\2022\2201010298_PERFECTION_JACOBS 13STH AND CENTRAL\00 _2026\6 CAD\SHTS\05 CIVIL\GRD\2ND ADDITION\2202986_05_C-401-G01.DWG

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SCOTT PRESTON EVANS
LICENSED
24423
KANSAS
PROFESSIONAL ENGINEER
6/19/26

PHASE 1 - STORM WATER DRAINAGE #549 TO SERVE

COURTYARDS AT JACOBS FARM
SECOND ADDITION

WICHITA, KS

LOT CORNER POINT TABLES (2 OF 3)

PROJECT NO. 458-2025-085619

SCALE N/A

DRAWN	DESIGNED	CHECKED
HHK	DFL	SPE

NO.	REVISION	DATE
0	ISSUED FOR CONSTRUCTION	06/19/2026

SHEET NO.
C-412-G01
31 OF 59

PLOTTED: Friday, June 19, 2026 @ 03:13PM

GRADING POINTS			
POINT #	NORTHING	EASTING	ELEV.
4502	1689272.63	1601218.93	1355.24
4503	1689151.39	1601222.57	1357.92
4504	1689279.95	1601276.73	1354.87
4505	1689158.35	1601280.39	1357.58
4506	1689286.01	1601324.57	1354.64
4507	1689163.10	1601328.27	1357.29
4508	1689287.75	1601382.54	1354.17
4509	1689167.62	1601386.16	1356.95
4510	1689289.58	1601443.52	1354.08
4511	1689170.93	1601447.08	1356.59
4512	1689291.33	1601501.49	1353.93
4513	1689172.71	1601505.06	1356.24
4514	1689293.07	1601559.46	1351.40
4515	1689173.17	1601563.07	1355.90
4516	1689294.51	1601607.44	1352.88
4517	1689172.54	1601611.11	1355.61
4518	1689291.19	1601665.57	1351.50
4519	1689170.56	1601669.20	1355.27
4520	1689288.44	1601713.67	1352.60
4521	1689167.90	1601717.30	1354.98
4522	1689285.12	1601771.80	1352.03
4523	1689163.46	1601775.46	1354.64
4524	1689282.37	1601819.90	1352.30
4525	1689158.76	1601823.62	1354.35
4526	1689149.40	1601899.95	1353.37
4527	1689278.51	1601887.53	1352.60
4528	1689352.38	1601742.60	1351.10
4529	1689356.51	1601880.03	1352.90
4530	1689410.36	1601740.86	1351.10
4531	1689414.38	1601874.55	1353.54
4532	1689458.33	1601739.41	1351.15
4533	1689462.43	1601875.80	1353.97
4534	1689516.31	1601737.67	1351.82
4535	1689520.89	1601890.08	1354.40
4536	1689564.29	1601736.23	1352.34
4537	1689569.65	1601914.59	1354.11
4538	1689581.26	1601922.56	1354.05
4539	1689622.26	1601734.48	1352.42
4540	1689626.76	1601884.10	1354.49
4541	1689670.24	1601733.04	1353.28
4542	1689674.13	1601862.38	1354.76
4543	1689718.22	1601731.60	1352.70
4544	1689721.88	1601853.56	1355.01
4545	1689765.95	1601722.14	1353.67
4546	1689769.98	1601856.21	1355.26
4547	1689813.69	1601712.68	1353.36
4548	1689818.31	1601866.30	1355.55
4549	1689835.85	1601870.01	1355.24
4550	1689875.41	1601835.64	1356.72
4551	1689871.37	1601701.26	1354.24

GRADING POINTS			
POINT #	NORTHING	EASTING	ELEV.
4552	1689919.11	1601691.80	1354.18
4553	1689922.99	1601820.75	1356.98
4554	1689981.25	1601828.65	1357.31
4555	1689977.23	1601694.87	1354.71
4556	1690025.47	1601701.99	1355.04
4557	1690030.32	1601863.30	1357.60
4558	1690040.89	1601877.43	1356.61
4559	1690078.56	1601870.61	1357.19
4560	1690073.70	1601709.10	1355.10
4561	1690126.32	1601861.97	1357.48
4562	1690209.55	1601729.14	1356.46
4563	1690121.94	1601716.21	1356.03
4564	1690138.01	1601718.59	1355.71
4565	1690198.05	1601609.47	1358.22
4566	1690134.17	1601590.79	1358.86
4567	1690085.96	1601584.56	1358.59
4568	1690089.78	1601711.47	1355.43
4569	1690027.68	1601575.96	1358.24
4570	1690031.49	1601702.88	1354.92
4571	1689979.49	1601570.34	1357.93
4572	1689983.26	1601695.76	1354.83
4573	1689931.44	1601569.56	1357.62
4574	1689935.02	1601688.65	1353.85
4575	1689873.59	1601575.17	1357.25
4576	1689877.34	1601700.07	1354.36
4577	1689825.82	1601583.72	1356.96
4578	1689829.60	1601709.53	1353.39
4579	1689778.06	1601592.37	1356.67
4580	1689781.87	1601718.99	1353.99
4581	1689730.30	1601601.02	1356.38
4582	1689734.13	1601728.45	1353.02
4583	1689672.58	1601611.38	1356.03
4584	1689676.24	1601732.86	1353.16
4585	1689629.17	1601610.15	1355.83
4586	1689604.17	1601735.03	1352.06
4587	1689590.00	1601595.39	1355.63
4588	1689524.90	1601708.19	1353.42
4589	1689507.74	1601737.93	1351.62
4590	1689551.18	1601560.91	1355.39
4591	1689437.48	1601645.94	1351.01
4592	1689531.52	1601522.66	1355.19
4593	1689416.53	1601559.13	1351.30
4594	1689525.29	1601469.48	1354.92
4595	1689467.03	1601470.24	1354.74
4596	1689398.48	1601484.36	1353.00
4597	1689524.89	1601439.48	1354.99
4598	1689394.90	1601441.19	1354.02
4599	1689524.09	1601378.49	1355.48
4600	1689394.11	1601380.19	1354.05
4601	1689524.41	1601321.98	1355.80

GRADING POINTS			
POINT #	NORTHING	EASTING	ELEV.
4602	1689393.15	1601306.86	1354.33
4603	1689536.43	1601280.59	1356.01
4604	1689430.60	1601229.41	1354.06
4605	1689561.21	1601245.66	1356.20
4606	1689467.79	1601152.50	1354.00
4607	1689580.07	1601230.04	1356.28
4608	1689509.82	1601126.63	1354.68
4609	1689489.88	1601133.79	1354.26
4610	1689444.42	1601007.19	1359.70
4611	1689544.47	1601114.19	1355.37
4612	1689499.91	1600990.12	1360.26
4613	1689589.64	1601097.97	1354.73
4614	1689545.09	1600973.91	1360.55
4615	1689590.75	1600959.02	1360.85
4616	1689634.82	1601081.74	1355.68
4617	1689605.97	1601092.10	1355.07
4618	1689628.43	1601210.03	1356.56
4619	1689673.53	1601203.80	1356.83
4620	1689669.48	1601069.30	1355.39
4621	1689665.59	1600939.86	1361.32
4622	1689713.34	1600930.89	1361.62
4623	1689721.38	1601198.25	1357.11
4624	1689717.46	1601067.85	1356.35
4625	1689779.24	1601192.77	1357.46
4626	1689771.14	1600923.28	1361.98
4627	1689775.44	1601066.11	1355.93
4628	1689827.16	1601189.24	1357.74
4629	1689819.05	1600919.64	1362.28
4630	1689875.10	1601186.63	1358.03
4631	1689867.04	1600918.36	1362.58
4632	1689933.07	1601184.68	1358.37
4633	1689925.11	1600919.99	1362.28
4634	1689981.07	1601184.08	1358.65
4635	1689973.24	1600923.70	1361.98
4636	1690029.10	1601184.39	1358.94
4637	1690021.39	1600927.71	1361.69
4638	1690087.18	1601185.98	1359.28
4639	1690079.50	1600930.60	1361.37
4640	1690135.27	1601188.31	1359.57
4641	1690127.27	1600922.18	1361.58
4642	1690198.07	1601180.61	1361.18
4643	1690194.25	1601053.52	1361.05
4644	1690190.61	1600932.70	1362.80
4645	1690181.84	1600896.36	1362.02
4646	1690195.57	1601204.70	1360.10
4647	1690131.27	1601055.41	1359.28
4648	1690083.30	1601056.85	1358.15
4649	1690025.32	1601058.60	1356.98
4650	1689977.34	1601060.04	1357.38
4651	1689929.37	1601061.48	1356.70

GRADING POINTS			
POINT #	NORTHING	EASTING	ELEV.
4652	1689871.39	1601063.23	1356.77
4653	1689823.41	1601064.67	1356.23
4654	1690200.95	1601397.65	1358.47
4655	1690134.35	1601390.06	1356.96
4656	1690118.33	1601530.70	1358.74
4657	1690129.99	1601389.56	1356.98
4658	1690125.67	1601245.86	1359.53
4659	1690077.58	1601243.66	1359.24
4660	1690081.81	1601384.07	1357.38
4661	1690086.66	1601384.62	1357.48
4662	1690070.81	1601523.69	1358.45
4663	1690013.39	1601515.36	1358.10
4664	1690029.04	1601378.06	1356.39
4665	1690023.58	1601377.43	1356.50
4666	1690019.52	1601242.26	1358.89
4667	1689971.49	1601242.13	1358.59
4668	1689975.39	1601371.94	1356.77
4669	1689981.34	1601372.62	1356.89
4670	1689965.51	1601511.57	1357.83
4671	1689897.91	1601368.80	1355.99
4672	1689923.82	1601511.82	1357.59
4673	1689917.17	1601365.31	1355.60
4674	1689913.50	1601243.22	1358.24
4675	1689865.53	1601245.15	1357.95
4676	1689869.41	1601373.96	1356.39
4677	1689840.84	1601379.14	1355.81
4678	1689865.93	1601517.66	1357.26
4679	1689818.67	1601526.07	1356.98
4680	1689793.60	1601387.69	1355.09
4681	1689811.69	1601384.42	1355.22
4682	1689807.61	1601248.73	1357.60
4683	1689759.71	1601252.72	1357.31
4684	1689763.93	1601393.07	1355.69
4685	1689746.37	1601396.25	1355.66
4686	1689771.44	1601534.62	1356.69
4687	1689724.21	1601543.18	1356.40
4688	1689699.14	1601404.81	1354.70
4689	1689706.22	1601403.52	1354.84
4690	1689701.87	1601258.79	1356.95
4691	1689654.03	1601264.86	1356.66
4692	1689658.46	1601412.18	1354.98
4693	1689642.07	1601415.15	1355.19
4694	1689667.14	1601553.52	1356.05
4695	1689582.72	1601425.90	1355.12
4696	1689583.49	1601484.59	1355.01
4697	1689581.57	1601337.68	1355.72
4698	1690198.22	1601474.01	1358.84
4699	1690203.73	1601319.93	1359.87
4700	1690189.48	1601578.76	1358.99
4701	1690227.36	1600417.85	1364.02

GRADING POINTS			
POINT #	NORTHING	EASTING	ELEV.
4702	1690254.97	1599774.75	1366.30
4703	1690226.71	1599803.01	1365.36

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PHASE 1 - STORM WATER DRAINAGE #549 TO SERVE

COURTYARDS AT JACOBS FARM SECOND ADDITION

WICHITA, KS

LOT CORNER POINT TABLES (3 OF 3)

PROJECT NO. 458-2025-085619

SCALE N/A

DRAWN	DESIGNED	CHECKED
HHK	DFL	SPE

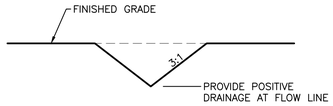
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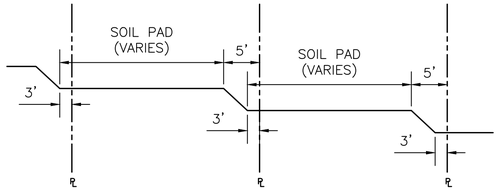
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PLOTTED: Friday, June 19, 2026 @ 03:13PM



1 TEMP. DRNG. SWALE

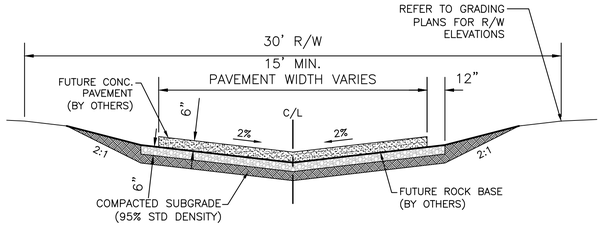
NTS



4 TYPICAL LOT GRADING SECTION

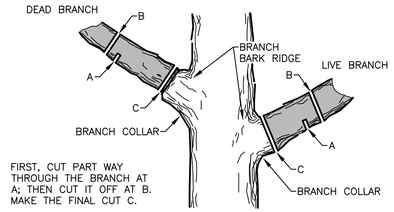
NTS

NOTE:
COST SUBSIDIARY TO EARTHWORK



2 TYPICAL FUTURE ALLEY SECTION DETAIL

NTS

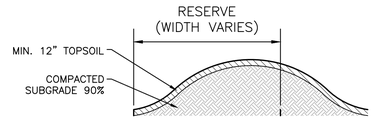


TREE TRIMMING NOTES:

1. NOTIFY MKEC PROJECT ENGINEER PRIOR TO COMMENCEMENT OF EASEMENT CLEARING & GRUBBING OPERATIONS. CONTRACTOR SHALL HAVE LIMITS OF REMOVAL DEFINED WITH FLAG & LATH. MKEC PROJECT ENGINEER WILL PROVIDE JUDGEMENT CALLS FOR TREES IN QUESTION. PROVIDE MKEC 24-HOUR NOTICE.
2. TREES MAY BE BURNED ON SITE. REGULATORY & PERMITTING APPROVALS SHALL BE SECURED BY CONTRACTOR.
3. TRIMMING OF BRANCHES SHALL NOT BE DONE WITH A BACKHOE!

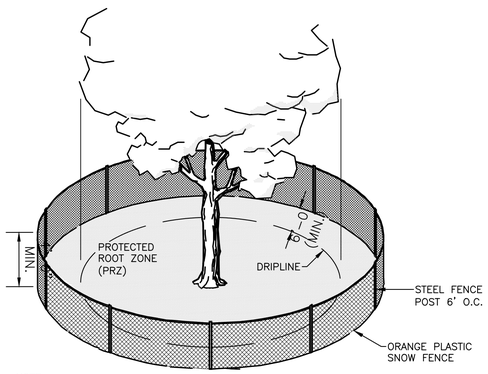
5 TREE TRIMMING DETAIL

SCALE: NTS



7 TYPICAL BERM SECTION

NTS

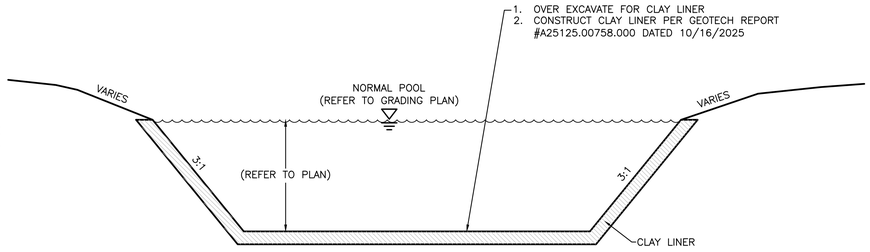


NOTE:
THE TEMPORARY FENCE IS TO BE CONSTRUCTED AROUND SPECIFIED AREAS/TREES PRIOR TO ANY CONSTRUCTION AND SHALL REMAIN UNTIL ALL CONSTRUCTION IS COMPLETE. CONSTRUCTION EQUIPMENT AND MATERIALS ARE NOT PERMITTED WITHIN THE (PRZ). THE FENCE PLACEMENT AROUND THE (PRZ) MAY ONLY BE ADJUSTED WITH PERMISSION FROM THE LANDSCAPE ARCHITECT.

3 TREE PROTECTION DETAIL

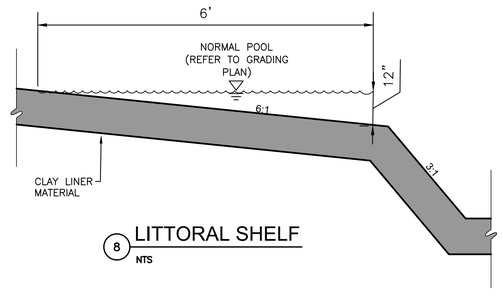
SCALE: NTS

NOTE:
PERMEABILITY TESTS OF THE LINER MATERIAL SHALL BE PERFORMED BY A GEOTECHNICAL SOILS ENGINEER AT 2 RANDOM LOCATIONS PER POND AS DETERMINED BY THE PROJECT INSPECTOR AND AT THE CONTRACTOR'S EXPENSE. THE CLAY LINER MATERIAL SHALL MEET OR EXCEED A PERMEABILITY RATING VALUE OF 1.0×10^{-8} CM/SEC.



6 POND LINER DETAIL

SCALE: NTS



8 LITTORAL SHELF

NTS

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COURTYARDS AT JACOBS FARM SECOND ADDITION

WICHITA, KS

GRADING DETAILS
(1 OF 3)

PROJECT NO. 458-2025-085619

SCALE NTS

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LIMESTONE BLOCK NOTES:

QUARRY BLOCK STONE
SUPPLIER – U.S. STONE INDUSTRIES
CONTACT: HELEN PAULY
120 N. 6TH ST.
ST. MARYS, KANSAS 66536
1–800–255–9399
www.usstoneindustries.com

SUPPLIER – SILVERDALE QUALITY STONE
CONTACT: LUCAS LACKEY
30994 141ST ROAD
ARKANSAS CITY, KANSAS 67005
1–800–255–9399
www.silverdalestone.com

STONE – TOP LEDGE COTTONWOOD
STONE SHALL HAVE SPLIT FACES (EXPOSED SURFACES)
STONE:
LENGTH – 4' – 6'
WIDTH – 18"
HEIGHT – 14"
MIN. COMP. STRENGTH – 8,000 PSI

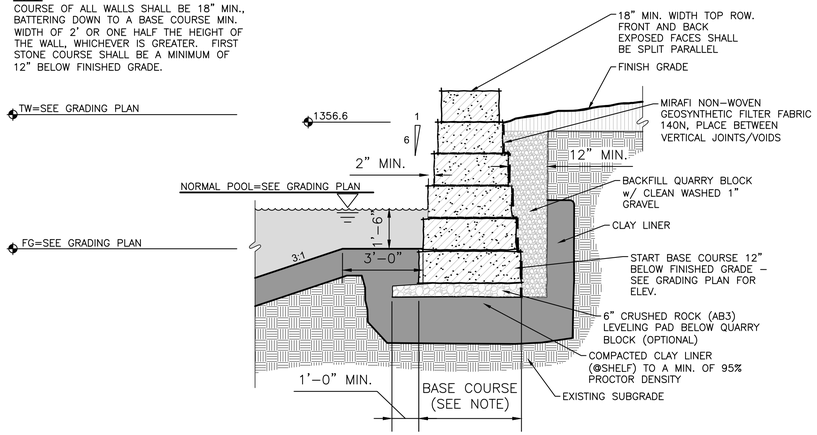
**NOTE: STONE SHALL BE CUT TO SIZE BY SUPPLIER PRIOR TO BEING DELIVERED TO SITE.

PLACEMENT–MINIMUM STONE OVERLAP IN WALL COURSE SHALL BE 12". WALL GAP BETWEEN VERTICAL JOINTS SHALL BE NO MORE THAN 1" MAX. WHERE NECESSARY, FILL MATERIAL (SMALL ROCK) SHALL BE USED TO FILL GAPS. THESE AREAS SHALL BE KEPT TO A MINIMUM. FIELD VERIFY W/ OWNER'S REPRESENTATIVE PRIOR TO FINAL ACCEPTANCE.

FACE SURFACE FINISH
EXPOSED WALL SURFACE SHALL HAVE A DRESSED STONE FINISH. FACES SHALL BE ABSENT EVIDENCE OF DRILL SPLIT MARKS. A MOCKUP SECTION WILL BE REQUIRED PRIOR TO COMMENCEMENT OF WORK.

TOP STONE ROW FINISH
ABUTTED STONE TOP JOINTS (VIEWED FROM ABOVE) SHALL BE NO MORE THAN 1" MAX. CHISEL/SAW CUT EDGES AS NECESSARY.

NOTE: THE STONE WALL WIDTH @ THE TOP COURSE OF ALL WALLS SHALL BE 18" MIN., BATTERING DOWN TO A BASE COURSE MIN. WIDTH OF 2' OR ONE HALF THE HEIGHT OF THE WALL, WHICHEVER IS GREATER. FIRST STONE COURSE SHALL BE A MINIMUM OF 12" BELOW FINISHED GRADE.



1 DRY-STACK UP-STREAM RETAINING WALL AT FARMHOUSE ST.

3/8" = 1'–0"

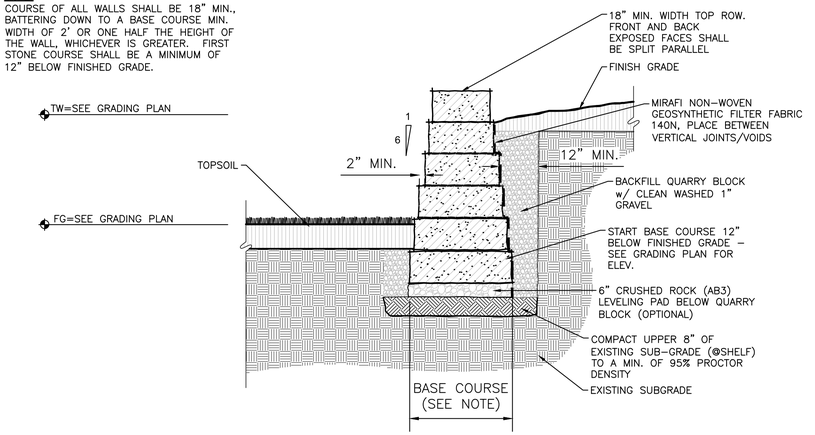
2 DRY-STACK RETAINING WALL OVER BOX CULVERT

NTS

3 DRY-STACK RETAINING WALL-ELEVATION & PLAN

3/8" = 1'–0"

NOTE: THE STONE WALL WIDTH @ THE TOP COURSE OF ALL WALLS SHALL BE 18" MIN., BATTERING DOWN TO A BASE COURSE MIN. WIDTH OF 2' OR ONE HALF THE HEIGHT OF THE WALL, WHICHEVER IS GREATER. FIRST STONE COURSE SHALL BE A MINIMUM OF 12" BELOW FINISHED GRADE.



4 DRY-STACK DOWNSTREAM RETAINING WALL AT FARMHOUSE ST.

3/8" = 1'–0"

5 DRY-STACK RETAINING WALL EITHER SIDE OF BOX CULVERT

NTS

NOTE: THE STONE WALL WIDTH @ THE TOP COURSE OF ALL WALLS SHALL BE 18" MIN., BATTERING DOWN TO A BASE COURSE MIN. WIDTH OF 2' OR ONE HALF THE HEIGHT OF THE WALL, WHICHEVER IS GREATER. FIRST STONE COURSE SHALL BE A MINIMUM OF 12" BELOW FINISHED GRADE.

6 DRY-STACK RETAINING WALL TYP.

3/8" = 1'–0"

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PHASE 1 - STORM WATER DRAINAGE #549 TO SERVE
COURTYARDS AT JACOBS FARM SECOND ADDITION
WICHITA, KS

GRADING DETAILS (2 OF 3)

PROJECT NO, 458-2025-085619

SCALE AS SHOWN

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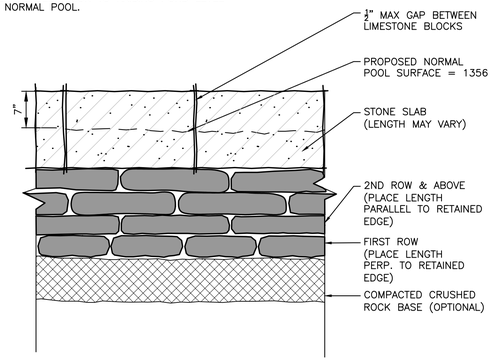
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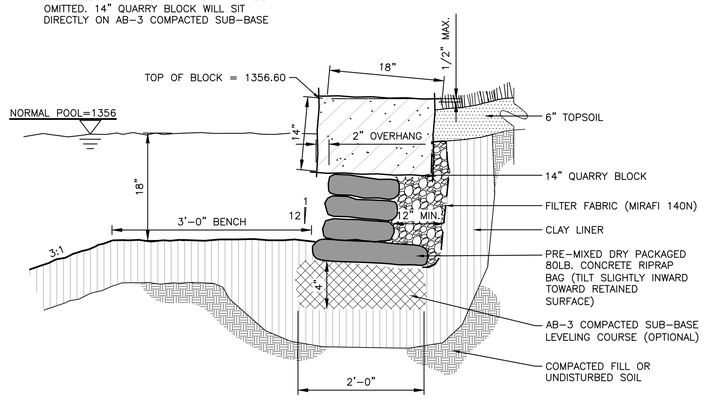
NOTE:
RIPRAP BAGS SHALL BE PLACED IN A RUNNING BOND PATTERN & TILTED SLIGHTLY INWARD TOWARD THE RETAINED SURFACE. PLACE BAGS AS CLOSE & AS TIGHT AS POSSIBLE, THEN TAMP INTO PLACE W/ A HEAVY OBJECT. WET BAGS AFTER ALL RIPRAP BAGS & STONE HAVE BEEN PLACED PRIOR TO RAISING POND LEVEL TO NORMAL POOL.



1 LIMESTONE POND EDGING

SCALE: NTS

NOTE:
1. RIPRAP BAGS SHALL BE POLYESTER LAMINATED, SCRIM REINFORCED, PERFORATED AND EMBOSSED AND SHALL WEIGH 80 POUNDS EACH. THE OVERALL DIMENSIONS OF THE FILLED BAGS SHALL CLOSELY APPROXIMATE 20"x13"x4-1/2". PAPER BAGS SHALL BE AS MANUFACTURED BY GEORGIA-PACIFIC OR AN APPROVED EQUAL. BAGS SHALL BE FILLED WITH A DRY PREMIXED CONCRETE MIXTURE MEETING THE HIGH STRENGTH MORTAR, SPECIFICATIONS OF ASTM 387-00.
2. BENCH HEIGHT VARIES. SEE GRADING PLAN. WHERE BENCH HEIGHT IS 9", PRE-MIXED DRY PACKAGED CONCRETE RIPRAP BAG MAY BE OMITTED. 14" QUARRY BLOCK WILL SIT DIRECTLY ON AB-3 COMPACTED SUB-BASE



2 LIMESTONE POND EDGING ADD ALT. 1

SCALE: NTS

POND EDGING ADD ALT. 1	
POND	LF POND EDGING
1	620
2	810
TOTAL	1,430

POND EDGING ADD ALT. 2	
POND	LF POND EDGING
4	555
5	1,145
TOTAL	1,700

QUANTITY FOR INFORMATION ONLY (LOCATION AND FOOTAGE)

POND 3 EDGING INFOMATION IS IN BASE BID. ADDITIONAL POND EDGING TO BE DETERMINED BY OWNERS REPRESENTATIVE. POND SLOPE AND CLAY LINER MODIFICATIONS TO INSTALL STONE EDGE SHALL BE SUBSIDIARY TO CORRESPONDING ADD ALT. BID ITEMS.

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WICHITA, KS

GRADING DETAILS (3 OF 3)

PROJECT NO. 458-2025-085619

SCALE NTS

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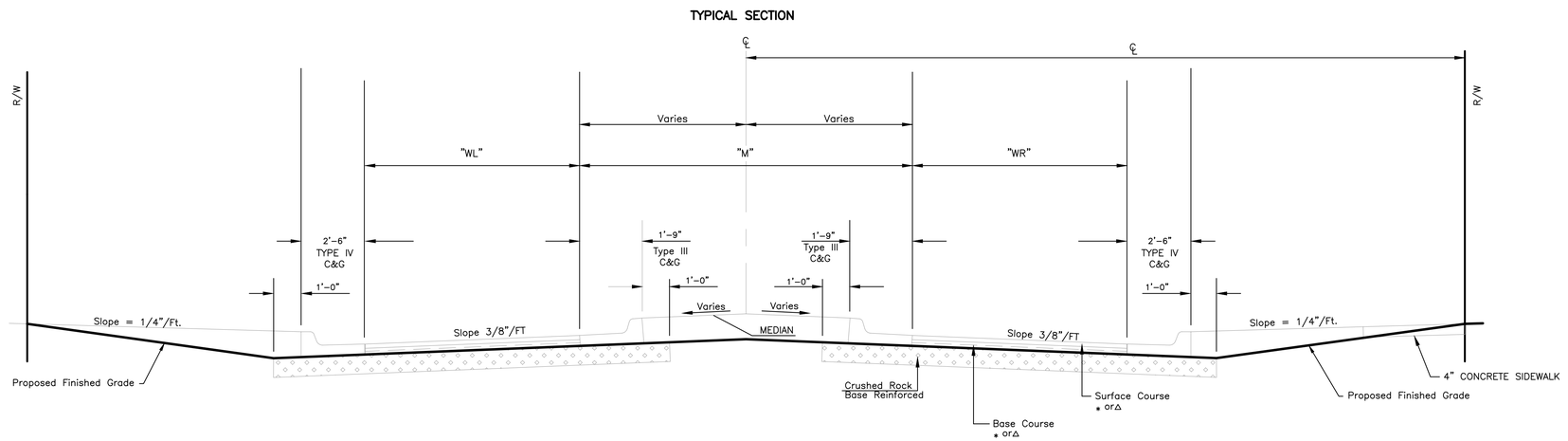
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GENERAL PAVING NOTES

1. ALL FUTURE ASPHALT PAVEMENT WILL BE 5" THICK



1 TYPICAL FUTURE ROAD SECTION DETAIL
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PHASE 1 - STORM WATER DRAINAGE #549 TO SERVE
COURTYARDS AT JACOBS FARM SECOND ADDITION
WICHITA, KS

ASPHALT PAVING DETAIL

PROJECT NO. 458-2025-085619

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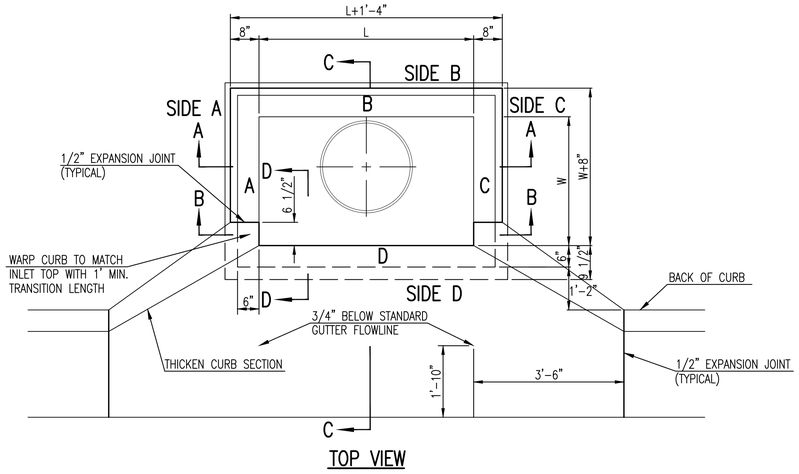
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TOP VIEW

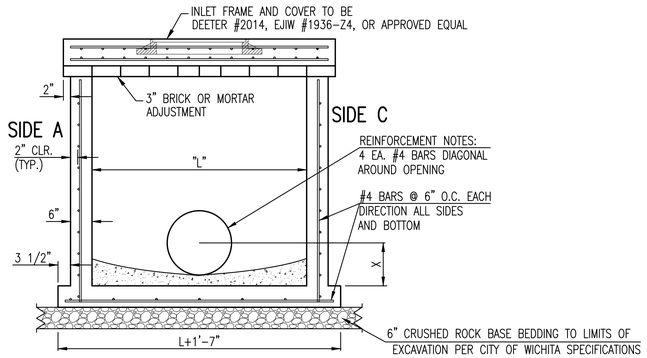
BAR SCHEDULE		
INLET OPENING	B1 BARS	SPACING
5'-0"	#4	4"
10'-0"	#6	3.5"

PRECAST CURB INLET WIDTHS				
W	PRE-CAST TOP SIZE			PIPE DIA.**
	WIDTH	LENGTH	TOP	
3'-0"	W+8"	L+1'-4"	7 1/2"	21" & SMALLER
4'-0"	W+8"	L+1'-4"	7 1/2"	24" & 30"
5'-0"	W+8"	L+1'-4"	7 1/2"	36" & 42"
6'-0"	W+8"	L+1'-4"	7 1/2"	48" & 54"
7'-0"	W+8"	L+1'-4"	7 1/2"	60" & 66"

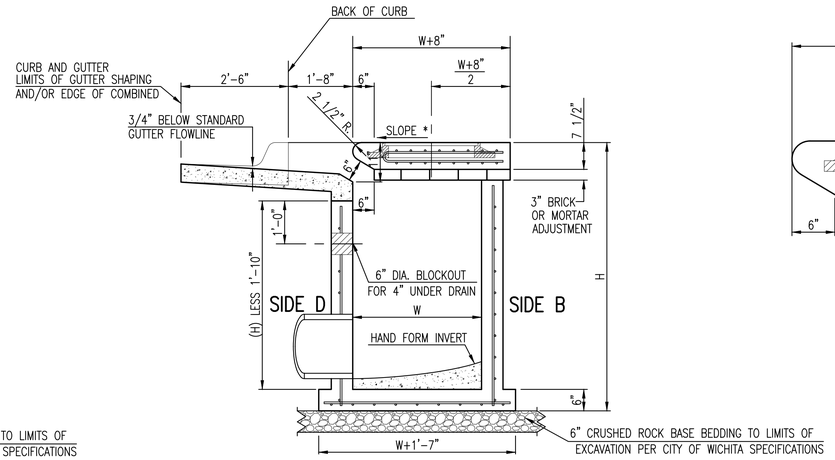
** FOR PIPES PERPENDICULAR TO INLET WALL

GENERAL NOTES

1. CONCRETE TOPS TO BE INSTALLED ON THIN MORTAR CUSHION TO INSURE FULL SUPPORT ALONG BRICK. CONCRETE TOPS MAY BE CAST IN PLACE OR PRECAST. CONCRETE USED FOR INLET CONSTRUCTION SHALL CONFORM TO CITY OF WICHITA SPECIFICATIONS FOR CONCRETE PAVEMENT MIX.
2. CONTRACTOR SHALL HAVE THE OPTION OF CONSTRUCTING 8" BRICK MASONRY WALLS BETWEEN THE CONCRETE INLET BASE AND TOP OF THIS INLET WHEN W=5'-0" AND H=7'-0" OR LESS.
3. INLET INVERT SHALL BE SHAPED WITH 8 SACK SAND MIX CONCRETE TO CREATE FLOW CHANNELS AND TO INCREASE HYDRAULIC EFFICIENCY SUCH THAT THE INLET WILL BE SELF CLEANING BETWEEN ALL INLET AND/OR OUTLET PIPES.
4. THE ENDS OF ALL PIPES INSTALLED IN INLETS SHALL BE CUT OFF FLUSH WITH THE INSIDE FACE OF THE INLET WALL.
5. INLET FRAME AND COVER TO BE DEETER #2014, EJIW #1936-Z4, OR APPROVED EQUAL, SEE SW-303.
6. CONTRACTOR SHALL REMOVE LIFTING HOOKS AFTER INSTALLATION. RECESSES IN INLET WALL SHALL BE GROUTED FLUSH TO THE INLET WALL WITH HYDRAULIC CEMENT AFTER THE INLET IS IN PLACE. LIFTING HOLES THRU THE INLET WALL WILL NOT BE ACCEPTED.

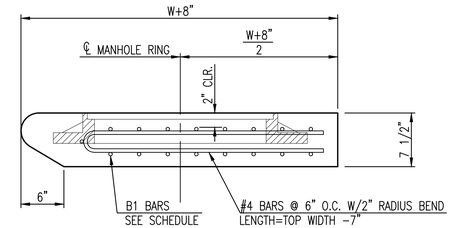


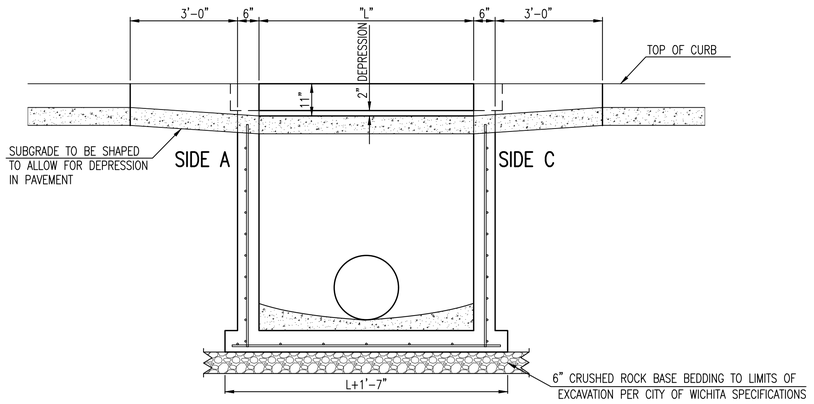
SECTION "A-A"



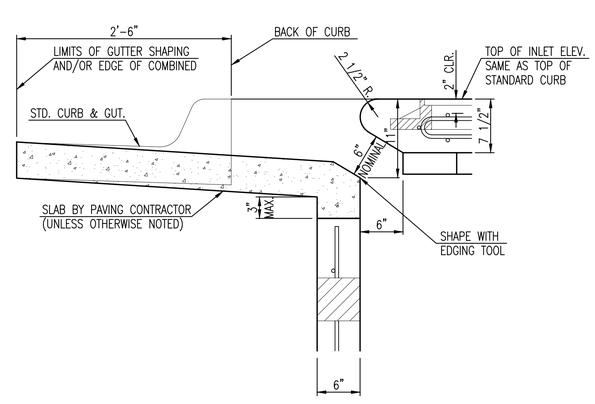
SECTION "C-C"

NOTES:
* SLOPE OF INLET TOP TO MATCH SIDEWALK OR PARKING SLOPES WITHIN LIMITS INDICATED.





SECTION "B-B"



SECTION "D-D"

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6/19/26

REVISION MAY 2017	UPDATED SET BACK DIMENSION ON TOP VIEW

CITY OF WICHITA
PUBLIC WORKS & UTILITIES
ENGINEERING DIVISION

STANDARD TYPE 1A CURB INLET 5'-0" OR 10'-0" OPENING

CITY ENGINEER
GARY JANZEN, P.E.

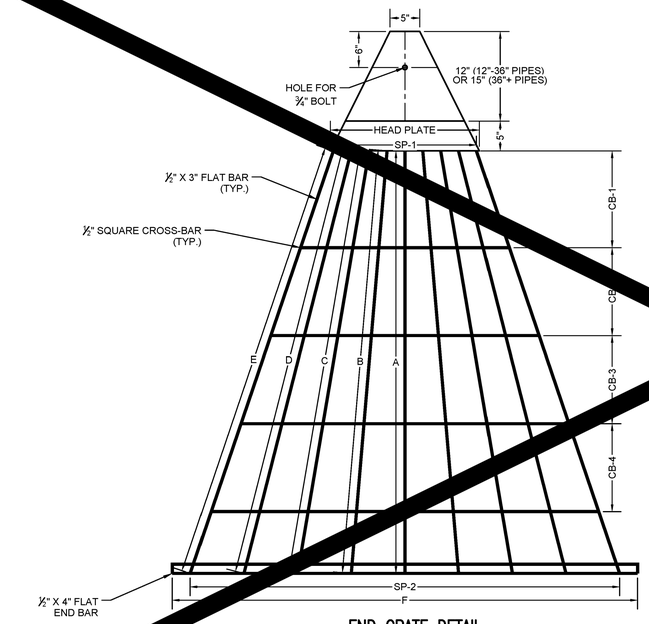
PROJECT NUMBER	OCA NUMBER	DATE
472-2025-086174		##-##-##

CITY ENGINEER'S OFFICE
CITY HALL – SEVENTH FLOOR
455 NORTH MAIN STREET
WICHITA, KANSAS 67202-1620
(316) 268-4501

SHEET
C-551-COL
32 OF 69

SW-103

J:\Projects\2022\2201010296_Perfection_Jacobs 135th and Central\00 _220296 CAD\SHTS\05 Civil\Grd\2ND ADDITION\220296_C-551-001_2ND.dwg



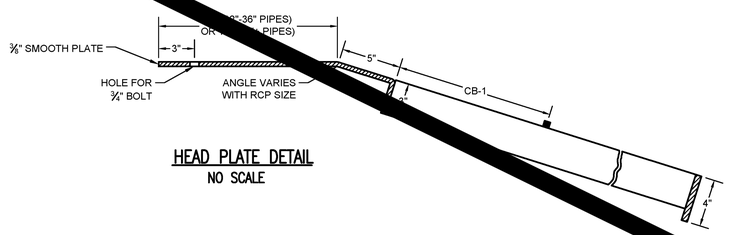
END GRATE DETAIL

NO SCALE

NOTE: GRATE TO BE USED AS DIRECTED BY THE CITY OF WICHITA.

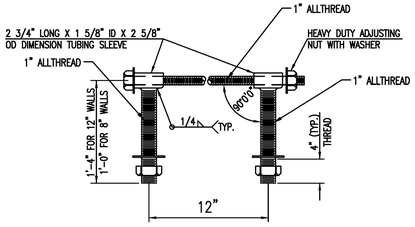
GRATE DIMENSIONS

PIPE SIZE	HEAD PLATE	A	B	C	D	E	F	CB-1	CB-2	CB-3	CB-4	SP-1	SP-2
12"	13"	19¼"	19⅜"	–	–	–	27"	10⅜"	–	–	–	3@4"	3@6"
15"	13"	23½"	25¼"	–	–	–	34"	10¾"	–	–	–	3@4"	3@8"
18"	13"	25"	26⅛"	–	–	–	40"	12⅞"	–	–	–	3@4"	3@9"
24"	17"	41½"	42½"	43½"	–	–	57"	12"	15"	–	–	4@4"	4@9"
30"	19"	51½"	52½"	53½"	–	–	65"	16¼"	11¾"	12"	–	2@3"+3@4"	5@9"
36"	21"	60½"	61½"	62½"	–	–	78"	18⅝"	14¼"	16"	–	2@2"+4@4"	6@9"
42"	22"	65½"	66½"	67⅝"	68¾"	–	86"	13⅜"	12⅝"	13"	11¾"	7@3"	7@9"
48"	25"	70¾"	71¾"	71¾"	73"	74½"	90"	16¼"	14¾"	14¾"	14¾"	8@3"	8@9"
54"	26"	71¾"	73"	74½"	74¾"	76¾"	96"	6⅞"	20⅞"	17⅞"	15⅝"	4@2¾"+5@3"	9@9"
60"	28"	61⅛"	61¾"	62¾"	64½"	66⅝"	102"	12"	12"	11½"	13"	2@2"+8@3"	10@9"



HEAD PLATE DETAIL

NO SCALE

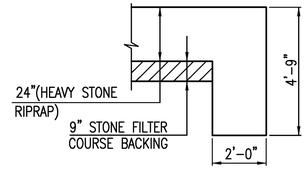


HEAVY DUTY (H.D.) COUPLER(≥36")

NO SCALE

NOTES

1. BOLTS TO BE A-36 1 1/2" DIAMETER.
2. BOLTS, NUTS, WASHERS AND SLEEVES TO BE ZINC PLATED.
3. WASHERS TO BE 3 1/2" O.D. X 7 GAUGE.
4. SHIP WITH NUTS AND WASHERS PLACED ON BOLTS.



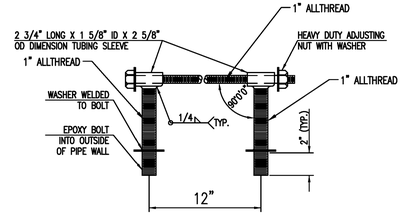
TYPICAL SECTION THRU TOEWALL

NO SCALE

NOTES

1. ALL RIPRAP FOR THIS PROJECT SHALL BE NATURAL STONE. NEITHER BROKEN CONCRETE, FABRIC ENVELOPE, NOR PREMIXED DRY PACKAGED CONCRETE BAG ALTERNATES WILL BE ALLOWED, UNLESS INDICATED OTHERWISE.
2. TOEWALLS SHALL BE INSTALLED ALONG ALL UNPROTECTED EDGES OF STONE RIPRAP.
3. GROUTING OF THE SURFACE OF THE RIPRAP SHALL NOT BE PERFORMED, UNLESS INDICATED OTHERWISE. GROUTING OF THE TOEWALLS SHALL BE PERFORMED PER CITY SPECIFICATIONS.

HEAVY STONE RIPRAP DETAILS

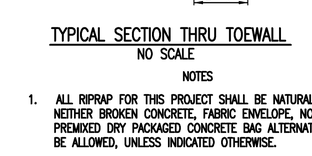


HEAVY DUTY (H.D.) COUPLER(≤30")

NO SCALE

NOTES

1. BOLTS TO BE A-36 1 1/2" DIAMETER.
2. BOLTS, NUTS, WASHERS AND SLEEVES TO BE ZINC PLATED.
3. WASHERS TO BE 3 1/2" O.D. X 7 GAUGE.
4. SHIP WITH NUTS AND WASHERS PLACED ON BOLTS.



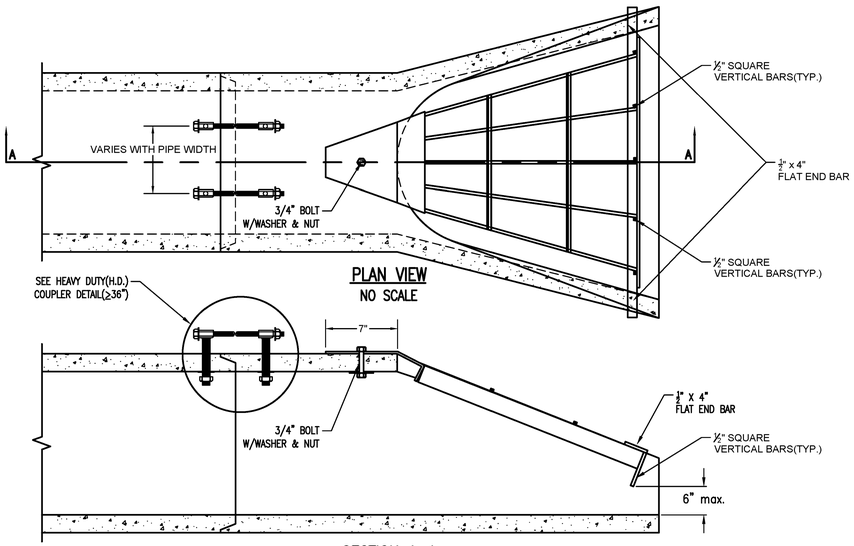
TYPICAL SECTION THRU TOEWALL

NO SCALE

NOTES

1. ALL RIPRAP FOR THIS PROJECT SHALL BE NATURAL STONE. NEITHER BROKEN CONCRETE, FABRIC ENVELOPE, NOR PREMIXED DRY PACKAGED CONCRETE BAG ALTERNATES WILL BE ALLOWED, UNLESS INDICATED OTHERWISE.
2. TOEWALLS SHALL BE INSTALLED ALONG ALL UNPROTECTED EDGES OF STONE RIPRAP.
3. GROUTING OF THE SURFACE OF THE RIPRAP SHALL NOT BE PERFORMED, UNLESS INDICATED OTHERWISE. GROUTING OF THE TOEWALLS SHALL BE PERFORMED PER CITY SPECIFICATIONS.

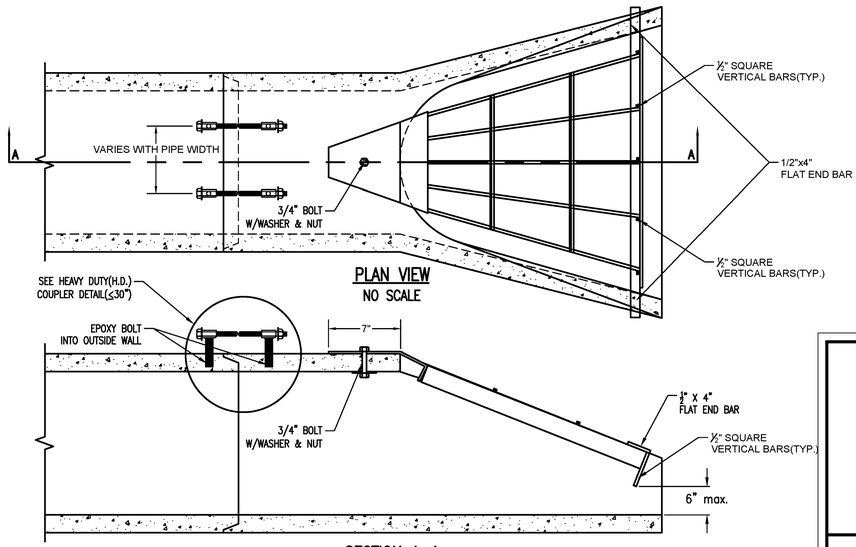
LIGHT STONE RIPRAP DETAILS



PLAN VIEW

NO SCALE

SECTION A-A



PLAN VIEW

NO SCALE

SECTION A-A

SCOTT PRESTON LEHMAN LICENSED 24423 KANSAS PROFESSIONAL ENGINEER

6/19/26

CITY OF WICHITA

PUBLIC WORKS & UTILITIES ENGINEERING DIVISION

END SECTION, PIPE RESTRAINT COUPLER & END GRATE

CITY ENGINEER

GARY JANZEN, P.E

PROJECT NUMBER	OCA NUMBER	DATE
458-2025-085619	####	01/2015

CITY ENGINEER'S OFFICE
CITY HALL - SEVENTH FLOOR
455 NORTH MAIN STREET
WICHITA, KANSAS 67202-1620
(316) 268-4501

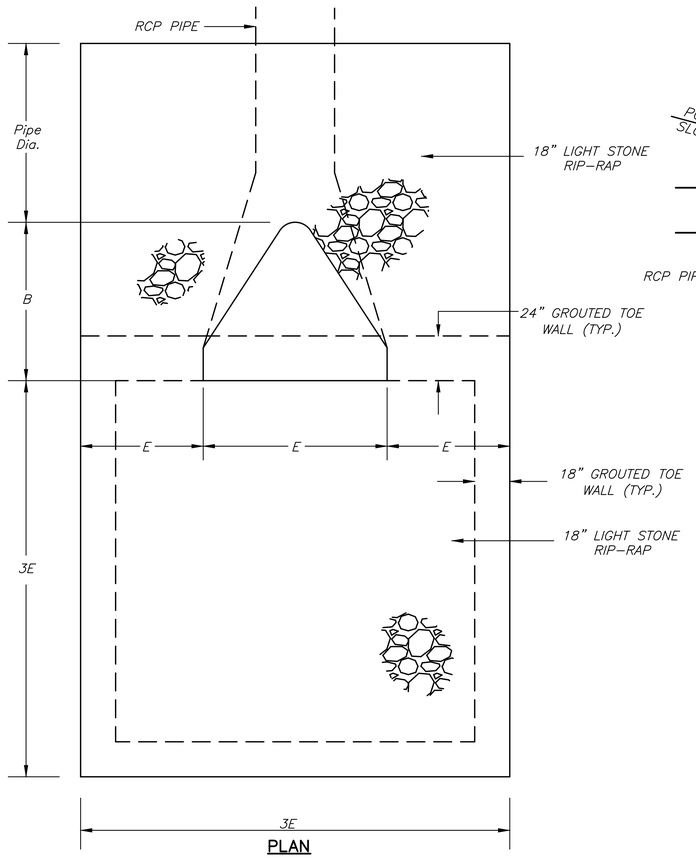
DESIGN	DRAWN

SHEET 38 OF 59

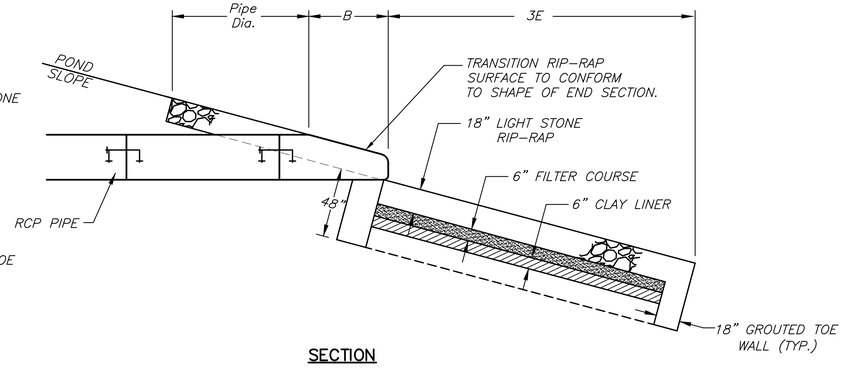
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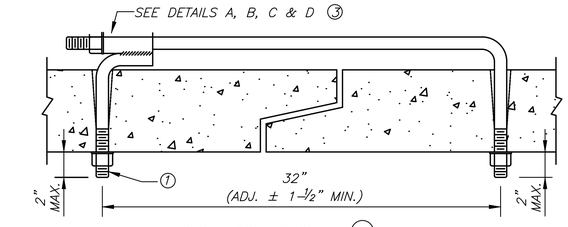
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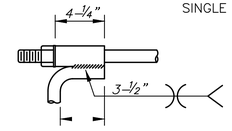
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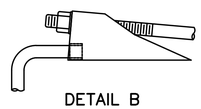
SECTION



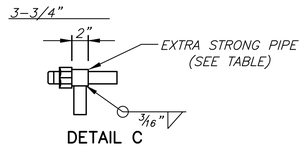
SINGLE CONNECTION TIE (3)



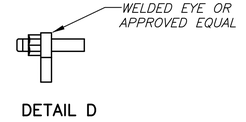
DETAIL A



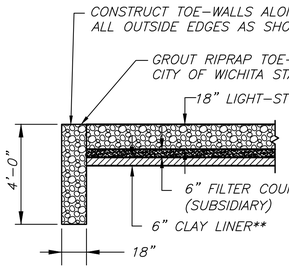
DETAIL B



DETAIL C



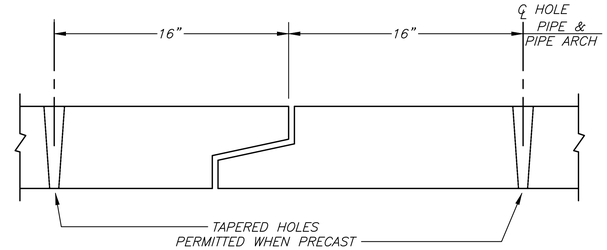
DETAIL D



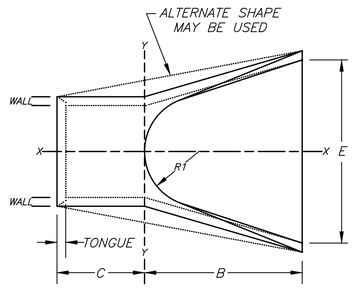
RIPRAP DETAIL

*RIP-RAP SHALL BE NATURAL STONE.

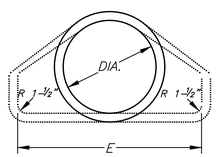
**CLAY LINER (PI=30), MOISTURE CONDITION & COMPACT TO 95% STD. DENSITY



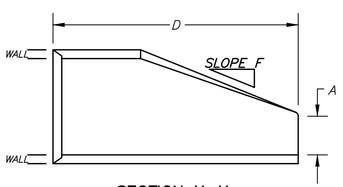
HOLES SHALL BE CAST OR DRILLED 16" FROM CENTERLINE OF JOINTS FOR BOX CULVERTS, AS SHOWN ABOVE, UNLESS FORMS ARE SET UP FOR 16" SPACING FROM OUTSIDE OF JOINT.



PIPE PLAN



SECTION Y-Y



SECTION X-X

NOTES:

FILTER COURSE, GROUTED TOE WALL AND CLAY LINER SUBSIDIARY TO "RIP RAP, LIGHT STONE".

TIES ARE SUBSIDIARY TO STORM SEWER PIPE.

TIE RODS SHALL BE GALVANIZED OR POWER WASHED AND DIPPED IN AN APPROVED ZINC RICH EPOXY PRIME PAINT AFTER FABRICATION.

RIP-RAP DIMENSIONS AT PIPE INLETS AND OUTLETS MAY BE ADJUSTED TO FIT ACTUAL FIELD CONDITIONS IF APPROVED BY THE ENGINEER.

TIES TO BE USED ONLY TO HOLD PIPE SECTIONS TOGETHER, NOT FOR PULLING SECTIONS TIGHT.

CONNECT END SECTION AND PIPE SECTIONS WITH PIPE TIES A MINIMUM OF 2 JOINTS FROM THE END SECTION.

(1) TIE ROD THREADS SHALL PROJECT TO THE INSIDE OF PIPE EXCEPT AS NOTED IN PLANS.

(2) TIE ROD THREADS SHALL BE RECESSED WHEN PIPE IS USED AS CATTLE PASS OR PEDESTRIAN TRAIL.

(3) TIES MAY BE COMPLETED WITH U-BOLT TIES, SINGLE CONNECTION TIES (AS SHOWN) OR DOUBLE CONNECTION TIES.

DIAM.	A	B	C	D	E	F	R1	TONGUE	WALL
12"	4"	2' 0"	4' 0-7/8"	6' 0-7/8"	2' 0"	3:1	9"	1-1/2"	2"
15"	6"	2' 3"	3' 10"	6' 1"	2' 6"	3:1	11"	2"	2 1/4"
18"	9"	2' 3"	3' 10"	6' 1"	3' 0"	3:1	12"	2-1/2"	2 1/2"
24"	9-1/2"	3' 7-1/2"	2' 6"	6' 1-1/2"	4' 0"	3:1	14"	2-1/2"	3"
30"	1' 0"	4' 6"	1' 7-3/4"	6' 1-3/4"	5' 0"	3:1	15"	3"	3-1/2"
36"	1' 3"	5' 3"	1' 10-3/4"	8' 1-3/4"	6' 0"	3:1	20"	3-1/2"	4"
42"	1' 9"	5' 3"	2'-11"	8' 2"	6' 6"	3:1	22"	3-3/4"	4-1/2"
48"	2' 0"	6' 0"	2' 2"	8' 2"	7' 0"	3:1	22"	4-1/4"	5"
54"	2' 3"	5' 5"	2' 11"	8' 4"	7' 6"	3:1	24"	4-3/4"	5-1/2"
60"	2' 6"	5' 0"	3' 3"	8' 3"	8' 0"	2.4:1	24"	5"	6"
66"	2' 0"	6' 6"	1' 9"	8' 3"	8' 6"	2:1	24"	5-1/2"	7"
72"	2' 0"	6' 6"	1' 9"	8' 3"	9' 0"	2:1	24"	6"	7-1/2"

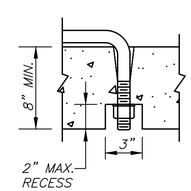
END AREA SQ.FT.	ROUND EQUIV.	SPAN	RISE	WALL	A	B	C	D	E	R1	R2	R3	R4
3.3	24"	30"	19"	3 1/4"	8-1/2"	3' 3"	2' 9"	6' 0"	4' 0"	8-1/4"	26-1/4"	3"	7"
4.1	27"	34"	22"	3 1/2"	9"	3' 10"	2' 2"	6' 0"	4' 6"	9-1/4"	29-17/32"	3"	8"
5.1	30"	38"	24"	3 3/4"	9-1/2"	4' 6"	1' 6"	6' 0"	5' 0"	10-1/4"	32-3/4"	3"	9"
6.3	33"	42"	27"	3 3/4"	10-3/8"	4' 9"	1' 3"	6' 0"	5' 6"	11-7/16"	36-3/16"	3"	10-1/2"
7.4	36"	45"	29"	4 1/2"	11 1/4"	5' 0"	3' 0"	8' 0"	6' 0"	12-1/4"	39-1/4"	3"	12"

TONGUE LENGTHS BASED ON QUINN STANDARD

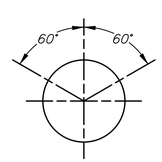
PIPE SIZE (INCHES)	ROD THREAD DIA.
12 – 27	5/8"
30 – 66	3/4"
72 – 108	1"

ROD THREAD DIA.	EXTRA STRONG PIPE INSIDE DIA.
5/8"	3/4"
3/4"	1"
1"	1-1/4"

PIPE SIZE LISTED IS INSIDE DIA. OF ROUND PIPE OR EQUIVALENT DIA. OF PIPE ARCH.



OPTIONAL RECESS DETAIL (2)



ROUND PIPE

MKEC
Wichita, KS • 316.684.9600

SCOTT PRESTON SLAWSON — LICENSED — 24823 — KANSAS — PROFESSIONAL ENGINEER
6/19/26

PHASE 1 - STORM WATER DRAINAGE #549 TO SERVE
COURTYARDS AT JACOBS FARM SECOND ADDITION
WICHITA, KS

END SECTION DETAILS (2)

PROJECT NO. 458-2025-085619
SCALE NTS
DRAWN HHK | DESIGNED DFL | CHECKED SPE

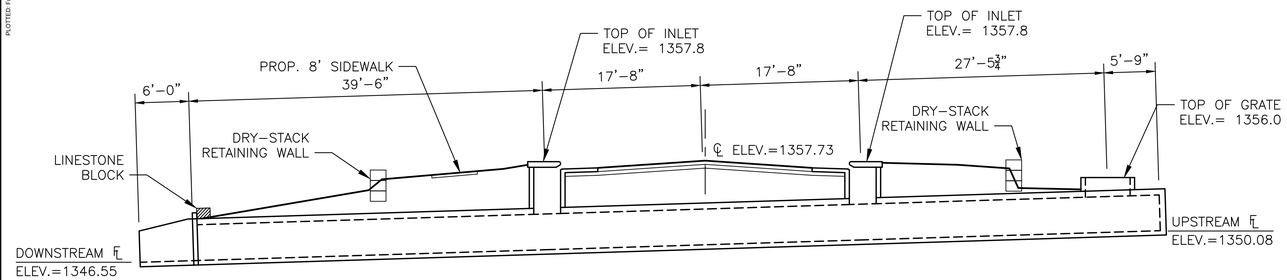
NO.	REVISION	DATE
0	ISSUED FOR CONSTRUCTION	06/19/2026

SHEET NO. C-553-G01
39 OF 59

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PLOTTED: Friday, June 19, 2026 @ 03:14PM
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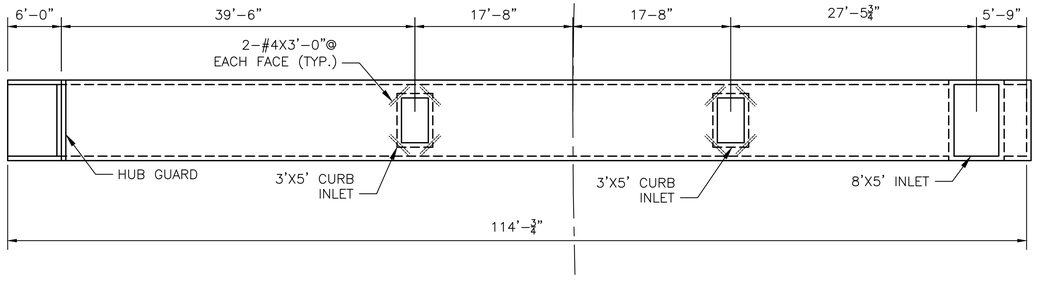
PLOTTED: Friday, June 19, 2026 @ 03:14PM



SECTION AND ELEVATION

(℄ FARMHOUSE @ STA 14+08.00)
SCALE 1/8"=1'-0"

REINFORCING NOT SHOWN FOR CLARITY



PLAN VIEW

(Normal to ℄ Street Name @ STA XX+XX.XX)
SCALE 1/8"=1'-0"

REINFORCING NOT SHOWN FOR CLARITY

GENERAL NOTES

PRECAST BOX CULVERTS
IF PRECAST BOX CULVERTS ARE SPECIFIED, THEY SHALL BE CONSTRUCTED AT THE LOCATIONS SHOWN IN THE PLANS ACCORDING TO THE REQUIREMENTS SHOWN ON THIS SHEET. WHEN APPROVED BY THE ENGINEER, PRECAST BOX CULVERTS MAY BE CONSTRUCTED IN LIEU OF CAST-IN-PLACE BOX CULVERTS. WHEN THE PRECAST OPTION IS CHOSEN BY THE CONTRACTOR, THE CAST-IN-PLACE QUANTITIES SHALL BE USED AS THE BASIS OF PAYMENT WHICH SHALL INCLUDE LABOR, EQUIPMENT, MATERIALS, AND INCIDENTALS NECESSARY TO COMPLETE THE INSTALLATION.

UNLESS OTHERWISE APPROVED BY THE ENGINEER, CAST-IN-PLACE COLLARS SHALL BE REQUIRED AT HORIZONTAL AND VERTICAL CHANGES IN RCB ALIGNMENT. CAST-IN-PLACE END SECTIONS AND WINGWALLS ARE REQUIRED EXCEPT AS NOTED ON THIS SHEET. CAST-IN-PLACE SECTIONS MAY BE REQUIRED AT THE DIRECTION OF THE ENGINEER AT JUNCTIONS OF DRAINAGE STRUCTURES.

CAST-IN-PLACE CONCRETE WORK SHALL BE DONE IN ACCORDANCE WITH THE KDOT SPECIFICATIONS AND KDOT'S "GUIDELINES FOR STRUCTURAL DESIGN AND DETAIL OF REINFORCED CONCRETE BOX CULVERTS". CONCRETE GRADE 4.0 AND GRADE 60 REINFORCING STEEL SHALL BE USED FOR THE CAST-IN-PLACE CONSTRUCTION.

SPECIFICATIONS
SINGLE-CELL PRECAST CONCRETE BOX CULVERTS SHALL CONFORM TO THE REQUIREMENTS OF THE FOLLOWING SPECIFICATIONS EXCEPT AS NOTED IN THE KDOT SPECIFICATIONS. MULTIPLE-CELL PRECAST BOXES SHALL BE DESIGNED IN ACCORDANCE WITH THE CRITERIA USED TO DEVELOP THE SINGLE-CELL PRECAST BOXES (SEE THE LATEST ASTM A615 & ASTM C1577 SPECIFICATIONS).

FABRICATIONS
PRIOR TO FABRICATION, THE CONTRACTOR SHALL FURNISH SHOP DRAWINGS TO THE ENGINEER FOR REVIEW. SHOP DRAWINGS SHALL DETAIL ALL PHASES OF CONSTRUCTION INCLUDING LAYOUT, JOINT DETAILS, LIFTING DEVICES, CASTING METHODS, CONSTRUCTION PLACEMENT AND DETAILS OF ANY CAST-IN-PLACE SEGMENTS OR TRANSITIONS THAT MAY BE REQUIRED. COPIES OF OVERHEIGHT AND OVERLOAD PERMITS, WHEN REQUIRED SHALL BE SUBMITTED WITH THE SHOP DRAWINGS.

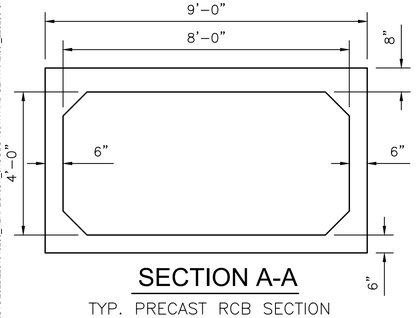
PRECAST CONCRETE BOX CULVERT SHALL BE LAID WITH THE GROOVE END OF EACH SECTION UPSTREAM, AND THE SECTIONS SHALL BE TIGHTLY JOINED. JOINT SHALL BE SEALED WITH AN APPROVED BITUMINOUS MASTIC MATERIAL AND GEOTEXTILE OR SEALING BOND OR AN EXTRUDED RUBBER GASKET, INSTALLED IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE MANUFACTURER. LIFTING HOLES SHALL BE PLUGGED WITH A PRECAST PLUG, SEALED AND COVERED WITH MASTIC OR MORTAR.

THE FOLLOWING INFORMATION SHALL BE LEGIBLY MARKED ON AN INSIDE FACE OF EACH BOX SECTION BY WATERPROOF PAINT OR OTHER APPROVED MEANS:

DATE OF MANUFACTURE
NAME OR TRADEMARK AND LOCATION OF THE MANUFACTURER
WEIGHT OF BOX SECTION IN TONS
PRICE MARK
THE TOP OF THE BOX

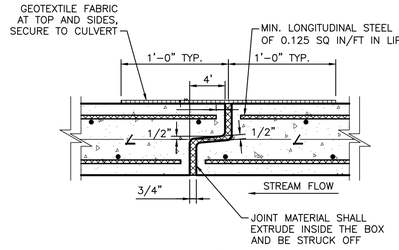
CONSTRUCTION REQUIREMENTS
FOUNDATION PREPARATION SHALL BE IN ACCORDANCE WITH KDOT SPECIFICATIONS EXCEPT THAT A MINIMUM 6 INCH THICKNESS OF CRUSHED STONE FOR BACKFILL OR 3 INCH SEAL COURSE SHALL BE PROVIDED. CHOICE OF BEDDING SHALL BE AT THE CONTRACTOR'S OPTION AND APPROVED BY THE ENGINEER.

LOADING
HL-93 AASHTO SPECIFICATIONS, 8TH EDITION.
UNIT STRESSES
CONCRETE GRADE 4.0: fc = 4,000 PSI
REINFORCING STEEL: fy = 60,000 PSI
CONCRETE
CONCRETE GRADE 4.0 SHALL BE USED THROUGHOUT.
BEVEL ALL EXPOSED EDGES WITH A 3/4" TRIANGULAR MOULDING.
REINFORCING
ALL REINFORCING SHALL CONFORM TO ASTM A615, GRADE 60.
ALL DIMENSIONS RELATIVE TO REINFORCING STEEL SHALL BE TO CENTERLINE OF BAR UNLESS OTHERWISE NOTED.
EXCAVATION
EXCAVATION FOR CULVERT SHALL NOT BE PAID FOR DIRECTLY BUT SHALL BE SUBSIDIARY TO BOX CONSTRUCTION.



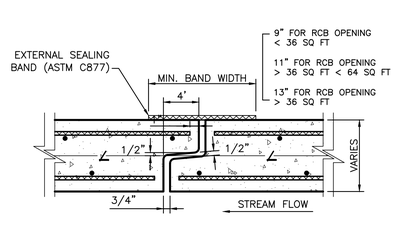
SECTION A-A

TYP. PRECAST RCB SECTION
SCALE 1/2"=1'-0"



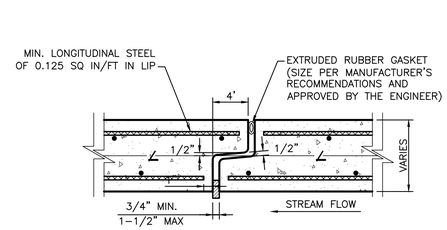
OPTION 'A'

1-1/2" = 1'-0"



OPTION 'B'

1-1/2" = 1'-0"



OPEN JOINT DETAIL

1-1/2" = 1'-0"

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PHASE 1 - STORM WATER DRAINAGE #549 TO SERVE

COURTYARDS AT JACOBS FARM SECOND ADDITION

WICHITA, KS

RCB DETAILS
(1 OF 2)

PROJECT NO.
458-2025-085619

SCALE
AS SHOWN

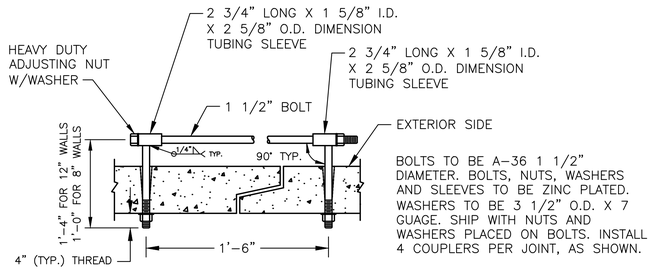
DRAWN	DESIGNED	CHECKED
BWS	DFL	SPE

NO.	REVISION	DATE
0	ISSUED FOR CONSTRUCTION	06/19/2026

SHEET NO.
C-554-G01
40 OF 59

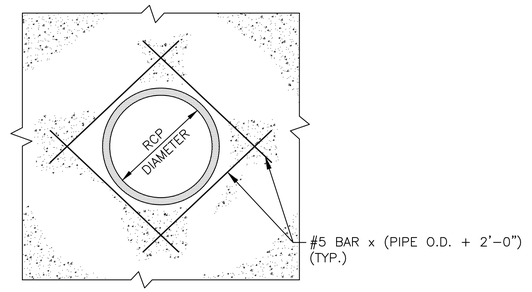
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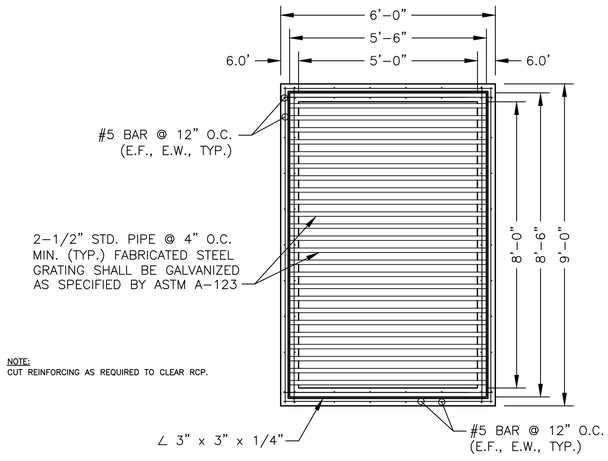
1 HEAVY DUTY (H.D.) COUPLER

NTS



2 TYPICAL REINFORCING AT PIPE

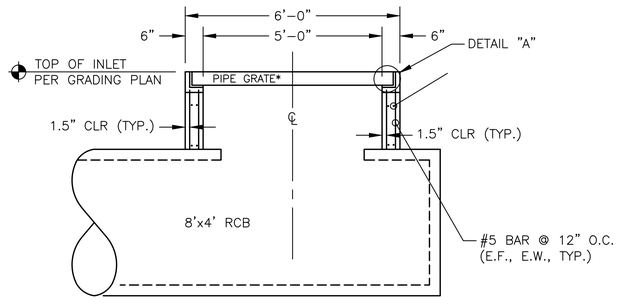
NTS



3 REINFORCED CONCRETE AREA INLET - PLAN

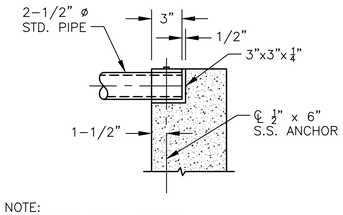
1/2" = 1'-0"

SEE SWS LINE 1 AT STA. 11+08.3



4 REINFORCED CONCRETE AREA INLET - ELEVATION

1/2" = 1'-0"



NOTE:
FABRICATED STEEL GRATING
SHALL BE GALVANIZED AS
SPECIFIED BY ASTM A-123.

DETAIL "A"

1/2" = 1'-0"

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PHASE 1 - STORM WATER DRAINAGE #549 TO SERVE

COURTYARDS AT JACOBS FARM SECOND ADDITION

WICHITA, KS

RCB DETAILS
(2 OF 2)

PROJECT NO.
458-2025-085619

SCALE
AS SHOWN

DRAWN	DESIGNED	CHECKED
HHK	DFL	SPE

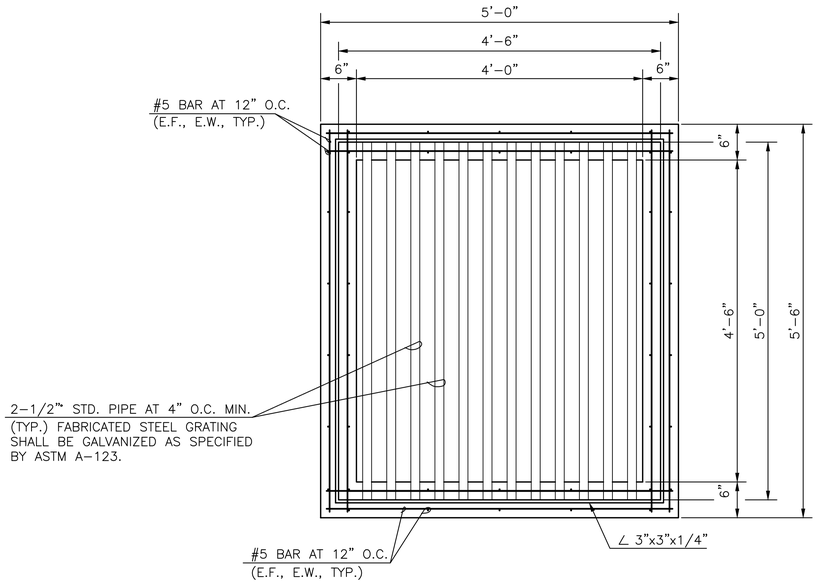
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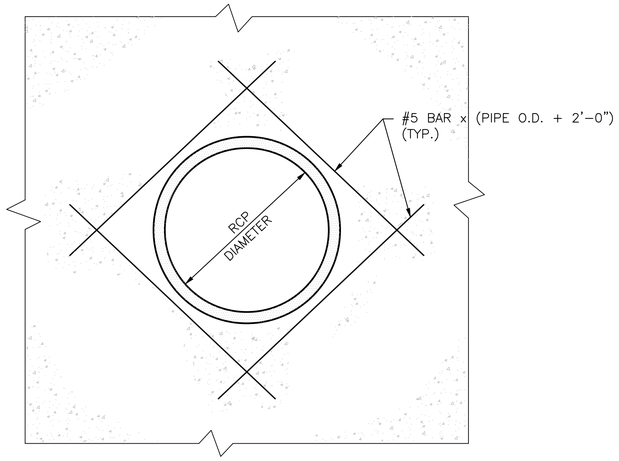
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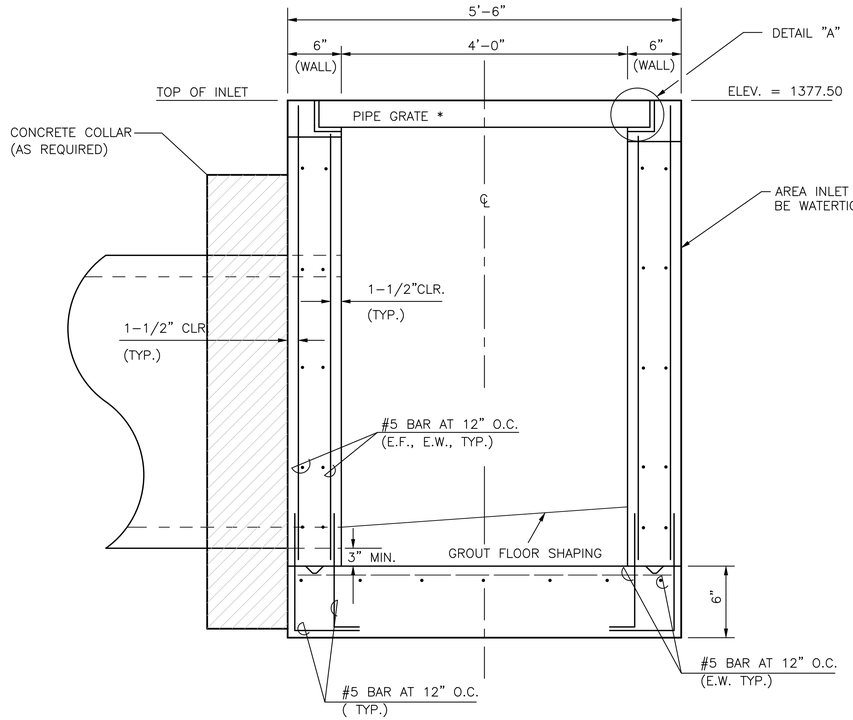


PLAN VIEW



NOTE:
CUT REINFORCING AS REQUIRED TO CLEAR RCP.

TYPICAL REINFORCING AT PIPE

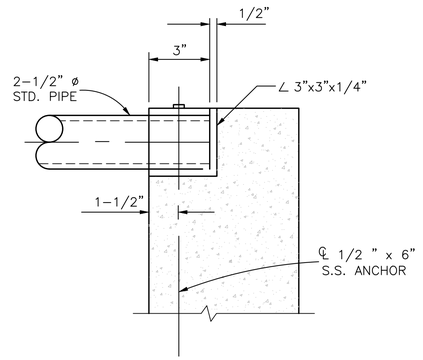


ELEVATION VIEW

MATERIAL SPEC'S

MORTAR – TYPE "M"
BRICK – ASTM C62 GRADE MW
STEEL – ASTM A36 OR EQUIVALENT
GALV. ASTM A-123 STDS.
CONCRETE – f'_c = 4,000 PSI MINIMUM WITH
6 SACKS OF CEMENT PER
CUBIC YARD MINIMUM.

ORIFICE EQUATION				
$Q=C*A*\sqrt{2gh}$				
h (DEPTH)	2g	C	A	Q
0.5	64.4	0.7	8.625	34.3 cfs
1.0	64.4	0.6	8.625	41.5 cfs
2.0	64.4	0.6	8.625	58.7 cfs
2.0	64.4	0.7	8.625	68.5 cfs
3.0	64.4	0.6	8.625	71.9 cfs
4.0	64.4	0.6	8.625	83.1 cfs
5.0	64.4	0.6	8.625	92.9 cfs
6.0	64.4	0.6	8.625	101.7 cfs
7.0	64.4	0.6	8.625	109.9 cfs
8.0	64.4	0.6	8.625	117.5 cfs



NOTE:
FABRICATED STEEL GRATING SHALL
BE GALVANIZED AS SPECIFIED BY
ASTM A-123.

DETAIL "A"

REINFORCED CONCRETE AREA INLET

SCALE: NTS
SEE SWS LINE 2 AT STA. 10+79.2

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PHASE 1 - STORM WATER DRAINAGE #549 TO SERVE
COURTYARDS AT JACOBS FARM
SECOND ADDITION
WICHITA, KS

RCB DETAILS (2)

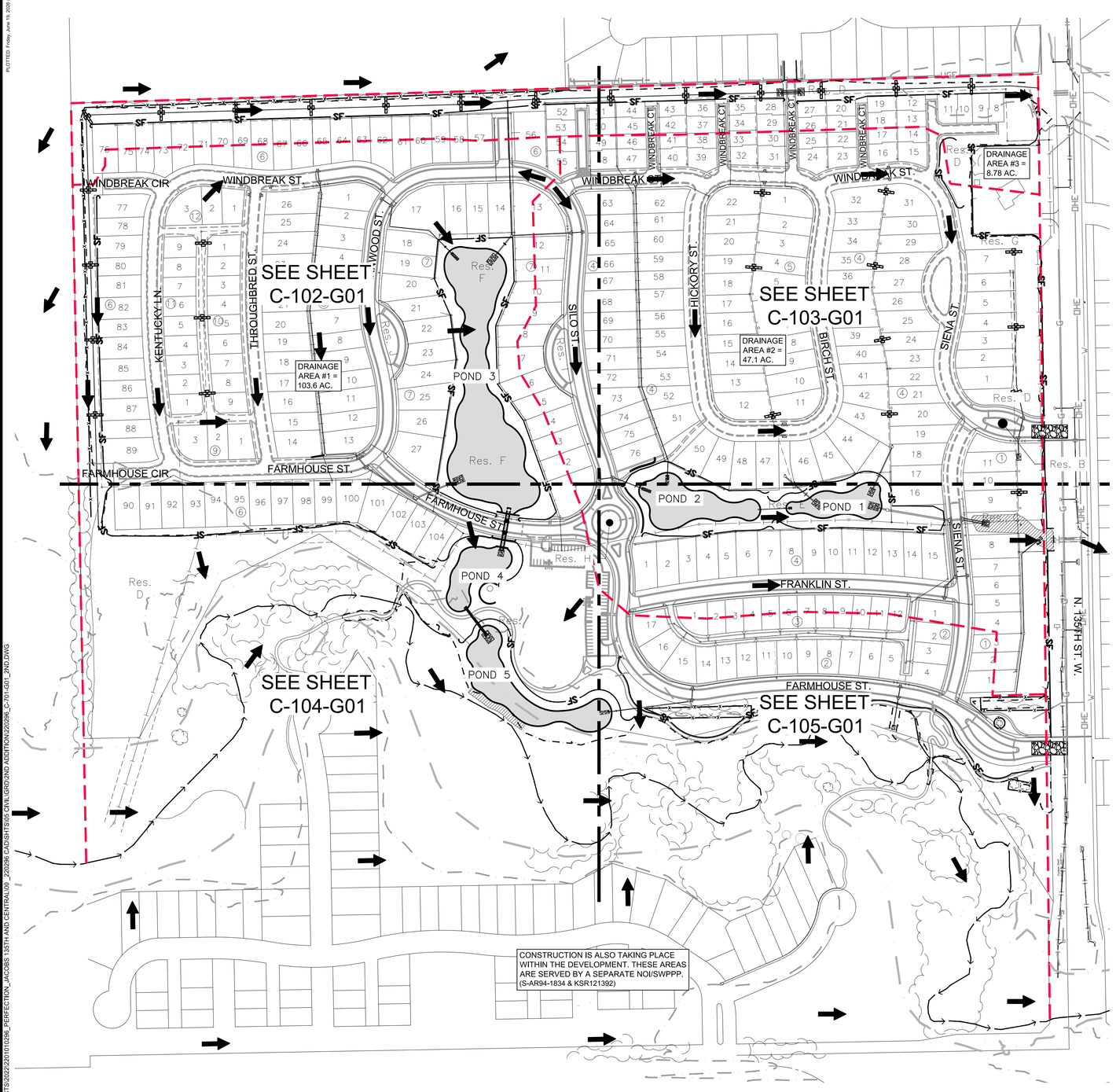
PROJECT NO. 458-2025-085619
SCALE NTS
DRAWN HHK | DESIGNED DFL | CHECKED SPE

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SHEET NO. C-556-G01
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EROSION CONTROL/SEEDING NOTES

1. EROSION CONTROL IS TO MEET ALL FEDERAL, STATE, COUNTY AND LOCAL CODE STANDARDS.
2. TEMPORARY SEEDING: ALL AREAS DISTURBED WITH EXCEPTION OF PROPOSED STREET PAVEMENT BE SEEDED (COST SUBSIDIARY TO PROJECT) AND FERTILIZED AS FOLLOWS UNLESS PERMANENT SEEDING CAN BE INSTALLED IMMEDIATELY AFTER CONSTRUCTION.:
   - ANNUAL RYE @ 150 LBS./ACRE
   - SLOW RELEASE @ 150 LBS./ACRE
3. IN THE EVENT THAT A PORTION OF THE SITE WILL REMAIN DISTURBED FOR MORE THAN 14 DAYS, PERMANENT SEEDING SHALL BE INSTALLED. PERMANENT SEEDING MIX AND RATE SHALL BE APPROVED BY PROJECT LANDSCAPE ARCHITECT.
4. ALL AREAS SHALL BE FINE GRADED AND SURFACE SHALL BE FREE FROM STICKS, SMALL STONES, AND OTHER EXTRANEOUS MATERIALS.
5. CONTRACTOR SHALL PROVIDE EROSION PROTECTION THROUGHOUT PROJECT CONSTRUCTION. THE PLAN PROVIDED HERE IS FOR FINAL PROTECTION, VARIOUS PHASES OF THIS PLAN SHALL BE IMPLEMENTED OR MODIFIED TO CONTROL EROSION. MODIFICATIONS OF THE PLAN SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE.
6. SEEDING AREAS SHALL BE PREPARED FOR PLANTING WITH COMMON AGRICULTURAL TECHNIQUES. APPROVE WITH OWNER'S REPRESENTATIVE BEFORE PLANTING.
7. ALL SEED SHALL BE DISTRIBUTED WITH AN ACCEPTABLE DRILL INTENDED FOR SUCH OPERATIONS, OR OTHER EQUIPMENT APPROVED BY THE OWNER'S REPRESENTATIVE. SEEDING DEPTH SHALL BE 1/4 OF AN INCH.
8. ALL SEEDED AREAS SHALL BE IMMEDIATELY MULCHED WITH PRAIRIE HAY AT 2 TONS/ACRE. ANCHOR MULCH BY CRIMPING INTO TOPSOIL WITH SUITABLE MECHANICAL EQUIPMENT.
9. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING AND IMPLEMENTING ALL EROSION CONTROL.
10. IN ORDER TO PREVENT SILT OR SEDIMENT FROM ENTERING ADJACENT PROPERTIES, APPROPRIATE BMP'S SHALL BE IMPLEMENTED WITHIN THE PROJECT.
11. ANY MUD TRACKED ONTO ADJACENT PAVED AREAS OR STREETS SHALL BE REMOVED AT THE END OF EACH WORK DAY.
12. PER THE REQUIREMENTS OF THE NOI/SWPPP, BMP INSPECTION REPORTS SHALL BE COMPLETED BY THE CONTRACTOR WEEKLY AND WITHIN 24 HOURS AFTER A ½" RAIN. REPORTS SHALL BE KEPT WITH THE SWPPP ON SITE.
13. CONTRACTOR SHALL PROVIDE A SIGN NEAR THE ENTRANCE WITH THE FOLLOWING INFORMATION:
    A. CONTACT NAME AND INFORMATION
    B. A COPY OF THE NOI
    C. LOCATION OF SWPPP
14. TURF REINFORCEMENT MAT SHALL BE NORTH AMERICAN GREEN VMAX SC250 OR APPROVED EQUAL.

LEGEND

- 1250 — PROPOSED MAJOR CONTOUR
- 1250 — PROPOSED MINOR CONTOUR
- W — EXISTING WATERLINE
- EXISTING SANITARY SEWER
- EXISTING STORMWATER SEWER EXISTING
- UGT — UNDERGROUND TELEPHONE EXISTING
- UGE — UNDERGROUND ELECTRICAL EXISTING
- OHE — OVERHEAD ELECTRICAL
- G — EXISTING GASLINE
- FOC — EXISTING FIBER OPTIC LINE
- SF — SILT BARRIER FENCE (13,240 LF)
- TEMPORARY DRAINAGE SWALE
- LIMITS OF CONSTRUCTION
- TREE PROTECTION (~ 4,186 LF)
- DRAINAGE BASIN BOUNDARY
- CREEK FLOWLIN
- FLOW ARROW
- DITCH CHECK (32)
- STABILIZED CONSTRUCTION ENTRANCE (2)
- CLAY LINER
- TURF REINFORCEMENT MAT SC-250 TRM (1,466 SY)

SEDIMENTATION BASIN CALCULATIONS

DRAINAGE AREA #1
DISTURBED AREA: 103.6 ACRES DRAINING TO PONDS
103.6 ACRES X 3,600 CUBIC FEET PER ACRE = 372,960 CUBIC FEET
372,960 CUBIC FEET X 1 ACRE / 43,560 SQUARE FEET = 8.56 ACRE-FEET

POND 3
PROVIDED: DEPTH = 8 FEET
BOTTOM 1348.00 = 30,705 SQUARE FEET = 0.88 ACRES
NP 1356.00 = 88,783 SQUARE FEET = 2.04 ACRES
(0.88 ACRES + 2.04 ACRES) / 2 = 1.46 ACRES X 8 FT = 11.68 ACRE-FEET

POND 4
PROVIDED: DEPTH = 8 FEET
BOTTOM 1344.00 = 1,672 SQUARE FEET = 0.04 ACRES
NP 1352.00 = 14,963 SQUARE FEET = 0.34 ACRES
(0.04 ACRES + 0.34 ACRES) / 2 = 0.19 ACRES X 8 FT = 1.52 ACRE-FEET

POND 5
PROVIDED: DEPTH = 8 FEET
BOTTOM 1339.00 = 5,206 SQUARE FEET = 0.12 ACRES
TOP 1347.00 = 31,834 SQUARE FEET = 0.73 ACRES
(0.12 ACRES + 0.73 ACRES) / 2 = 0.43 ACRES X 8 FT = 3.44 ACRE-FEET

DRAINAGE AREA #2
DISTURBED AREA: 47.10 ACRES DRAINING TO PONDS
47.10 ACRES X 3,600 CUBIC FEET PER ACRE = 169,560 CUBIC FEET
169,560 CUBIC FEET X 1 ACRE / 43,560 SQUARE FEET = 3.89 ACRE-FEET

POND 1
PROVIDED: DEPTH = 8 FEET
BOTTOM 1339.00 = 2,154 SQUARE FEET = 0.05 ACRES
NP 1347.00 = 15,587 SQUARE FEET = 0.36 ACRES
(0.05 ACRES + 0.36 ACRES) / 2 = 0.21 ACRES X 8 FT = 1.64 ACRE-FEET

POND 2
PROVIDED: DEPTH = 8 FEET
BOTTOM 1342.00 = 7,380 SQUARE FEET = 0.17 ACRES
NP 1350.00 = 26,203 SQUARE FEET = 0.60 ACRES
(0.17 ACRES + 0.60 ACRES) / 2 = 0.39 ACRES X 8 FT = 3.08 ACRE-FEET

SEDIMENTATION BASIN EXPLANATION: THE SITE IS DIVIDED INTO MULTIPLE DRAINAGE AREAS, EACH ROUTED TO A DESIGNATED SEDIMENTATION BASIN SYSTEM. FIVE SEDIMENT BASINS ARE PROVIDED TO CAPTURE AND TREAT RUNOFF FROM DISTURBED AREAS PRIOR TO DISCHARGE. EACH BASIN INCLUDES A CONTROLLED OUTLET STRUCTURE TO ALLOW FOR PROPER DEWATERING AND SEDIMENT SETTLING. THE STORM WATER LEAVES THE SITE IN MULTIPLE LOCATIONS AND EROSION CONTROL MEASURES WILL BE USED TO KEEP SEDIMENT FROM LEAVING THE SITE.

N

SCALE: 1" = 150'
0 150 300

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PHASE 1 - STORM WATER DRAINAGE #549 TO SERVE
COURTYARDS AT JACOBS FARM SECOND ADDITION
WICHITA, KS

OVERALL EROSION CONTROL PLAN

PROJECT NO. 458-2025-085619
SCALE 1" = 150'
DRAWN LES | DESIGNED DFL | CHECKED SPE

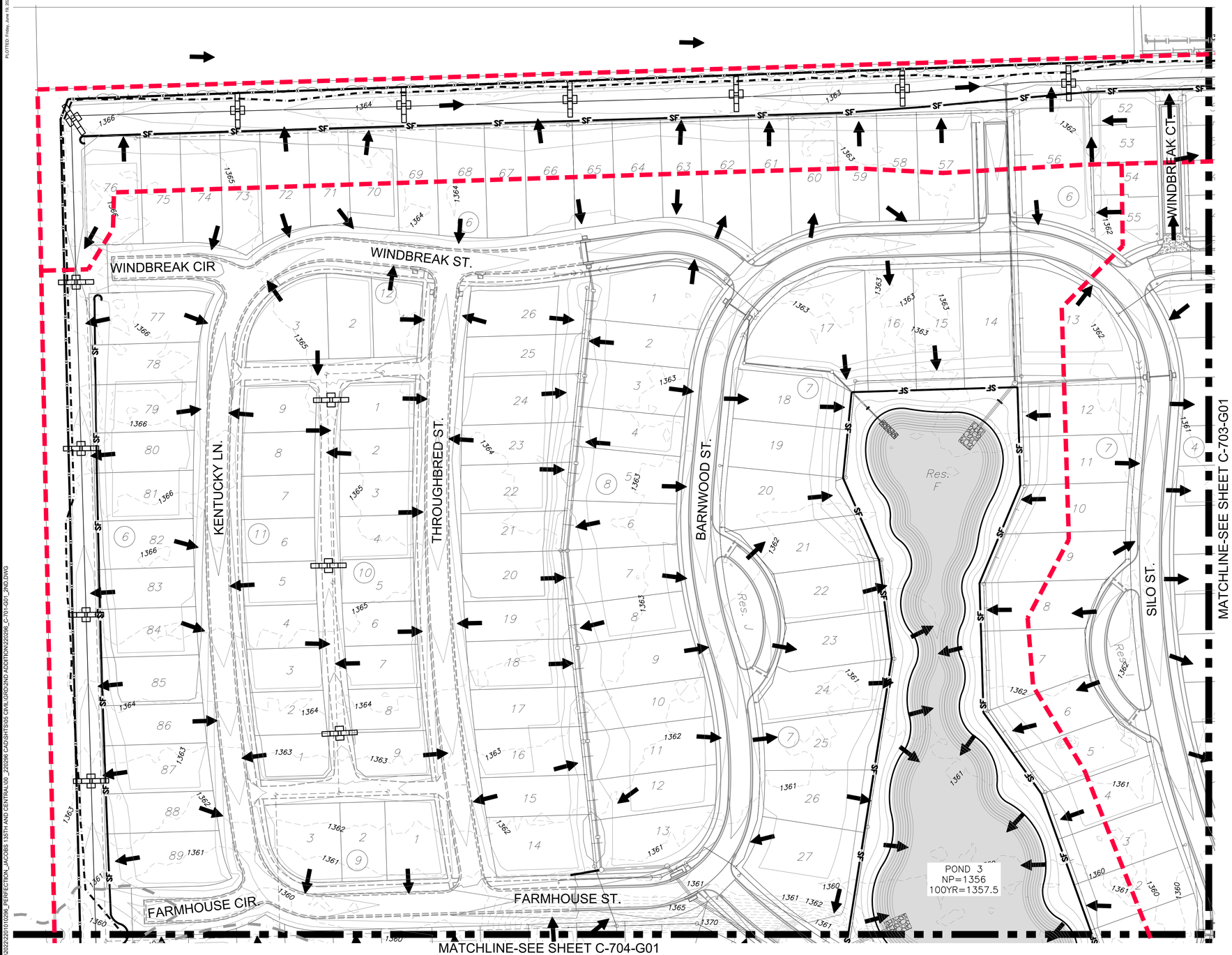
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LEGEND

- 1250 — PROPOSED MAJOR CONTOUR
- 1250 — PROPOSED MINOR CONTOUR
- W — EXISTING WATERLINE
- EXISTING SANITARY SEWER
- EXISTING STORMWATER SEWER EXISTING
- UGT — UNDERGROUND TELEPHONE EXISTING
- UGE — UNDERGROUND ELECTRICAL EXISTING
- OHE — OVERHEAD ELECTRICAL
- G — EXISTING GASLINE
- FOC — EXISTING FIBER OPTIC LINE
- SF — SILT BARRIER FENCE
- TEMPORARY DRAINAGE SWALE
- LIMITS OF GRADING
- TREE PROTECTION
- DRAINAGE BASIN BOUNDARY
- CREEK FLOWLIN
- FLOW ARROW
- DITCH CHECK
- STABILIZED CONSTRUCTION ENTRANCE
- CLAY LINER
- TURF REINFORCEMENT MAT
- RIPRAP

N

SCALE: 1"=60'
0 60 120

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WICHITA, KS

EROSION CONTROL PLAN (1 OF 4)

PROJECT NO. 458-2025-085619
SCALE 1" = 60'

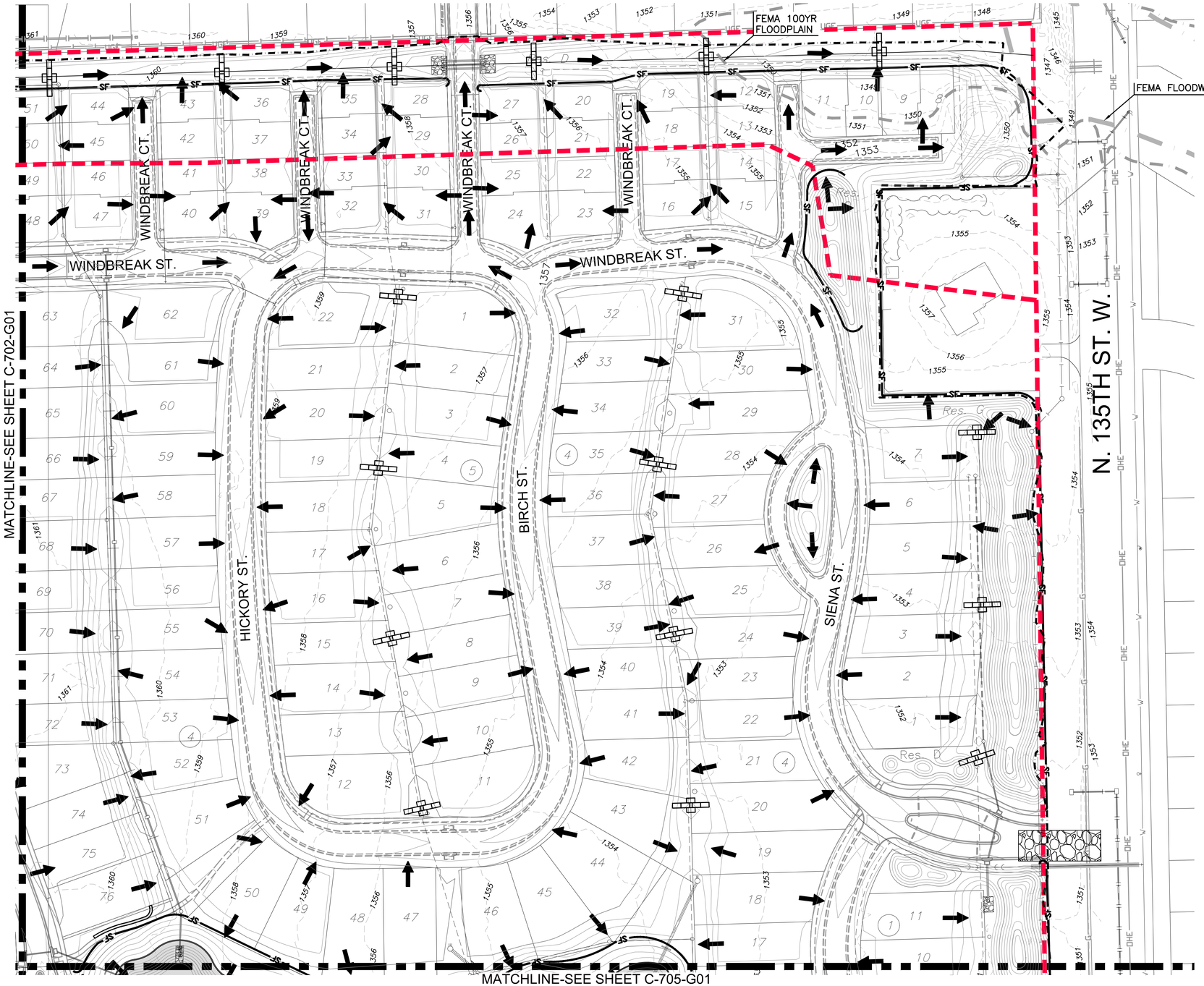
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LEGEND

- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- EXISTING WATERLINE
- EXISTING SANITARY SEWER
- EXISTING STORMWATER SEWER EXISTING
- UNDERGROUND TELEPHONE EXISTING
- UNDERGROUND ELECTRICAL EXISTING
- OVERHEAD ELECTRICAL
- EXISTING GASLINE
- EXISTING FIBER OPTIC LINE
- SILT BARRIER FENCE
- TEMPORARY DRAINAGE SWALE
- LIMITS OF GRADING
- TREE PROTECTION
- DRAINAGE BASIN BOUNDARY
- CREEK FLOWLIN
- FLOW ARROW
- DITCH CHECK
- STABILIZED CONSTRUCTION ENTRANCE
- CLAY LINER
- TURF REINFORCEMENT MAT
- RIPRAP

N

SCALE: 1"=60'

0 60 120

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Wichita, KS • 316.684.9600

SCOTT PRESTON ELAM
LICENSED
24423
KANSAS
PROFESSIONAL ENGINEER
6/19/26

PHASE 1 - STORM WATER DRAINAGE #549 TO SERVE

COURTYARDS AT JACOBS FARM SECOND ADDITION

WICHITA, KS

EROSION CONTROL PLAN (2 OF 4)

PROJECT NO. 458-2025-085619

SCALE 1" = 60'

DRAWN	DESIGNED	CHECKED
LES	DFL	SPE

NO.	REVISION	DATE
0	ISSUED FOR CONSTRUCTION	06/19/2026

SHEET NO. C-703-G01
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J:\PROJECTS\2022\2202101029b_PERFECTION_JACOBS 135TH AND CENTRAL\00_220296 CAD\SHTS\05 CIVIL\GRD\2ND ADDITION\2202296_C-701-G01_2ND.DWG

PLOTTED: Friday, June 19, 2026 @ 03:44PM

MATCHLINE-SEE SHEET C-702-G01

MATCHLINE-SEE SHEET C-705-G01

POND 3

POND 4
NP=1352
100YR=1356

POND 5
NP=1347.0
100YR=1356.0

FARMHOUSE ST.

Res.

FEMA FLOODWAY

FEMA 100YR FLOODPLAIN

TURF REINFORCEMENT MAT
398 SY

LEGEND

- 1250 — PROPOSED MAJOR CONTOUR
- 1250 — PROPOSED MINOR CONTOUR
- W — EXISTING WATERLINE
- EXISTING SANITARY SEWER
- EXISTING STORMWATER SEWER EXISTING
- UGT — UNDERGROUND TELEPHONE EXISTING
- UGE — UNDERGROUND ELECTRICAL EXISTING
- OHE — OVERHEAD ELECTRICAL
- G — EXISTING GASLINE
- FOC — EXISTING FIBER OPTIC LINE
- SF — SILT BARRIER FENCE
- TEMPORARY DRAINAGE SWALE
- LIMITS OF GRADING
- TREE PROTECTION
- DRAINAGE BASIN BOUNDARY
- CREEK FLOWLIN
- FLOW ARROW
- DITCH CHECK
- STABILIZED CONSTRUCTION ENTRANCE
- CLAY LINER
- TURF REINFORCEMENT MAT
- RIPRAP

N

SCALE: 1"=60'
0 60 120

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PROFESSIONAL ENGINEER
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PHASE 1 - STORM WATER DRAINAGE #549 TO SERVE
COURTYARDS AT JACOBS FARM
SECOND ADDITION
WICHITA, KS

EROSION CONTROL PLAN (3 OF 4)

PROJECT NO. 458-2025-085619

SCALE 1" = 60'

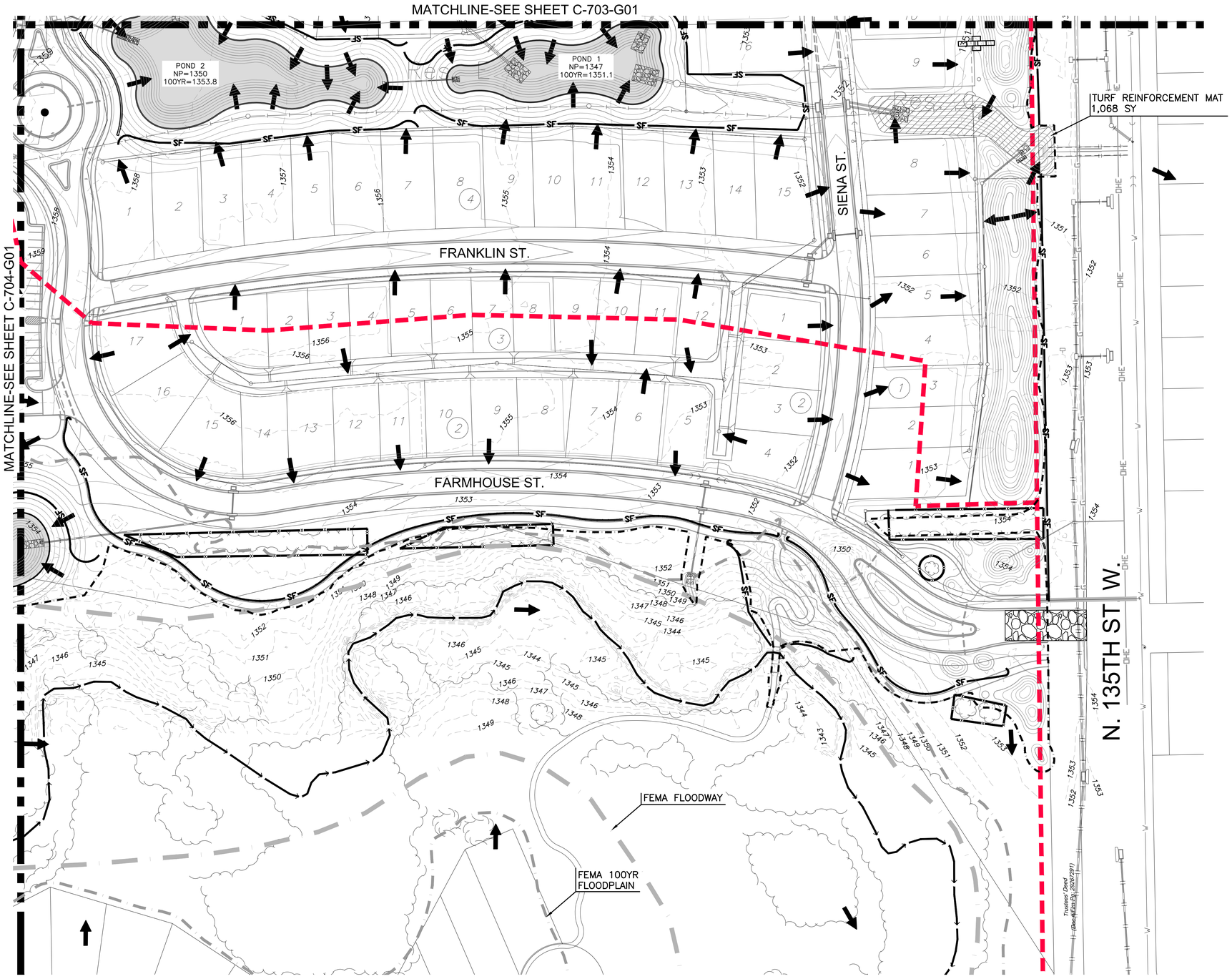
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LEGEND

- 1250 — PROPOSED MAJOR CONTOUR
- 1250 — PROPOSED MINOR CONTOUR
- W — EXISTING WATERLINE
- EXISTING SANITARY SEWER
- EXISTING STORMWATER SEWER EXISTING
- UGT — UNDERGROUND TELEPHONE EXISTING
- UGE — UNDERGROUND ELECTRICAL EXISTING
- OHE — OVERHEAD ELECTRICAL
- G — EXISTING GASLINE
- FOC — EXISTING FIBER OPTIC LINE
- SF — SILT BARRIER FENCE
- TEMPORARY DRAINAGE SWALE
- LIMITS OF GRADING
- TREE PROTECTION
- DRAINAGE BASIN BOUNDARY
- CREEK FLOWLIN
- FLOW ARROW
- DITCH CHECK
- STABILIZED CONSTRUCTION ENTRANCE
- CLAY LINER
- TURF REINFORCEMENT MAT
- RIPRAP

N

SCALE: 1"=60'
0 60 120

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PHASE 1 - STORM WATER DRAINAGE #549 TO SERVE

COURTYARDS AT JACOBS FARM SECOND ADDITION

WICHITA, KS

EROSION CONTROL PLAN (4 OF 4)

PROJECT NO. 458-2025-085619

SCALE 1" = 60'

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LEGEND

- LIMITS OF GRADING
- POND NORMAL POOL
- PERENNIAL RYEGRASS (APPROX. 60.1 AC.)
- SHORT NATIVE GRASS MIX (APPROX. 10.0 AC.)
- TALL NATIVE GRASS MIX (APPROX. 3.0 AC.)

NOTES

ALL QUANTITIES ARE FOR REFERENCE ONLY AND ARE APPROXIMATE. CONTRACTOR SHALL VERIFY ALL QUANTITIES.

ANY AREA DISTURBED BEYOND DEPICTED SEEDING LIMITS SHALL BE SEEDED W/ SHORT NATIVE GRASS MIX.

ALL RESERVE AREAS TO BE PERMANENTLY SEEDED. REFER TO PLAN TO DETERMINE WHETHER SHORT OR TALL NATIVE SEEDING.

N

SCALE: 1" = 150'

0 150 300

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SCOTT PRESTON JAMES — LICENSED — 24423 — KANSAS — PROFESSIONAL ENGINEER
6/19/26

PHASE 1 - STORM WATER DRAINAGE #549 TO SERVE

COURTYARDS AT JACOBS FARM SECOND ADDITION

WICHITA, KS

SEEDING PLAN

PROJECT NO. 458-2025-085619

SCALE 1" = 150'

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PLOTTED: Friday, June 19, 2026 @ 03:44PM

EROSION CONTROL/SEEDING NOTES

1. THE CONTRACTOR MUST COMPLY WITH ALL LOCAL, STATE, AND FEDERAL EROSION CONTROL AND WATER QUALITY REQUIREMENTS, LAWS, AND ORDINANCES THAT APPLY TO THE CONSTRUCTION SITE LAND DISTURBANCE.

2. CONTRACTOR MUST COMPLY WITH THE REQUIREMENTS OF THE KDHE NPDES CONSTRUCTION STORMWATER GENERAL PERMIT NO. S-MCST-2208-1, FEDERAL PERMIT NO. KSR100000. OR CONTRACTOR MUST COMPLY WITH THE REQUIREMENTS OF THE KDHE NPDES INDUSTRIAL STORMWATER GENERAL PERMIT NO. S-ISWA-2111-1, FEDERAL PERMIT NO. KSR000000.

3. CONTRACTOR MUST COMPLY WITH ALL KDHE AND EPA STORM WATER POLLUTION PREVENTION REQUIREMENTS.

4. THE NOI NEEDS TO BE SENT TO KDHE AT LEAST 60 DAYS BEFORE STARTING CONSTRUCTION. CONSTRUCTION SITE SOIL DISTURBING ACTIVITIES MAY COMMENCE ONLY WHEN THE OWNER OR OPERATOR RECEIVES AN AUTHORIZATION FOR THE CONSTRUCTION ACTIVITY FROM KDHE BUREAU OF WATER. ALL PRIMARY OPERATORS MUST PROVIDE A COPY OF THE AUTHORIZED NOI TO THE OPERATOR OF ANY MS4 (TYPICALLY THE AHJ) RECEIVING DISCHARGE FROM THE SITE.

5. CONTRACTOR SHALL BE RESPONSIBLE FOR THE IMPLEMENTATION OF THE SWPPP IF APPLICABLE, INCLUDING POSTING SITE NOTICE, INSPECTIONS, DOCUMENTATION, AND SUBMISSION OF ANY INFORMATION REQUIRED BY THE KDHE AND EPA (E.G. NOI).

6. ALL CONTRACTORS AND SUBCONTRACTORS PROVIDING SERVICES RELATED TO THE SWPPP MUST SIGN THE REQUIRED CONTRACTOR CERTIFICATION STATEMENT ACKNOWLEDGING THEIR RESPONSIBILITIES AS SPECIFIED IN THE SWPPP.

7. A COPY OF THE SWPPP, INCLUDING NOI, SITE NOTICE, CONTRACTOR CERTIFICATIONS, AND ANY REVISIONS, MUST BE SUBMITTED TO THE AHJ AND THE CONTRACTOR MUST BE RETAINED ON-SITE DURING CONSTRUCTION.

8. A NOTICE OF TERMINATION (NOT) MUST BE SUBMITTED TO KDHE BY ANY PRIMARY OPERATOR WITHIN 30 DAYS AFTER ALL SOIL DISTURBING ACTIVITIES AT THE SITE HAVE BEEN COMPLETED AND A UNIFORM VEGETATIVE COVER HAS BEEN ESTABLISHED ON ALL UNPAVED AREAS AND AREAS NOT COVERED BY STRUCTURES, A TRANSFER OF OPERATIONAL CONTROL HAS OCCURRED, OR THE OPERATOR HAS OBTAINED ALTERNATIVE AUTHORIZATION UNDER A DIFFERENT PERMIT. A COPY OF THE NOT MUST BE PROVIDED TO THE OPERATOR OF ANY MS4 RECEIVING DISCHARGE FROM THE SITE.

9. EROSION CONTROL DEVICES SHOWN ON THE EROSION CONTROL PLAN FOR THE PROJECT MUST BE INSTALLED PRIOR TO THE START OF LAND DISTURBANCE.

10. ALL EROSION CONTROL DEVICES ARE TO BE INSTALLED IN ACCORDANCE WITH THE APPROVED PLANS AND SPECIFICATIONS FOR THE PROJECT.

11. CONTRACTOR IS SOLELY RESPONSIBLE FOR INSTALLATION, IMPLEMENTATION, MAINTENANCE, AND EFFECTIVENESS OF ALL EROSION CONTROL DEVICES, BMP, AND FOR UPDATING THE EROSION CONTROL PLAN DURING CONSTRUCTION AS FIELD CONDITIONS CHANGE.

12. CONTRACTOR MUST DOCUMENT THE DATES OF INSTALLATION, MAINTENANCE OR MODIFICATION, AND REMOVAL FOR EACH BMP EMPLOYED IN THE SWPPP IF APPLICABLE.

13. AS STORM SEWER INLETS ARE INSTALLED ON-SITE, TEMPORARY EROSION CONTROL DEVICES MUST BE INSTALLED AT EACH INLET PER APPROVED DETAILS.

14. THE EROSION CONTROL DEVICES MUST REMAIN IN PLACE UNTIL THE AREA IT PROTECTS HAS BEEN PERMANENTLY STABILIZED.

15. CONTRACTOR MUST PROVIDE ADEQUATE EROSION CONTROL DEVICES NEEDED DUE TO PROJECT PHASING.

16. CONTRACTOR MUST OBSERVE THE EFFECTIVENESS OF THE EROSION CONTROL DEVICES AND MAKE FIELD ADJUSTMENTS AND MODIFICATIONS AS NEEDED TO PREVENT SEDIMENT FROM LEAVING THE SITE. IF THE EROSION CONTROL DEVICES DO NOT EFFECTIVELY CONTROL EROSION AND PREVENT SEDIMENTATION FROM WASHING OFF THE SITE, THEN THE CONTRACTOR MUST NOTIFY THE ENGINEER.

17. OFF-SITE SOIL BORROW, SPOIL, AND STORAGE AREAS (IF APPLICABLE) ARE CONSIDERED AS PART OF THE PROJECT SITE AND MUST ALSO COMPLY WITH THE EROSION CONTROL REQUIREMENTS FOR THIS PROJECT. THIS INCLUDES THE INSTALLATION OF BMP'S TO CONTROL EROSION AND SEDIMENTATION AND THE ESTABLISHMENT OF PERMANENT GROUND COVER ON DISTURBED AREAS PRIOR TO FINAL APPROVAL OF THE PROJECT. CONTRACTOR IS RESPONSIBLE FOR MODIFYING THE SWPPP AND EROSION CONTROL PLAN TO INCLUDE BMPS FOR ANY OFF-SITE THAT ARE NOT ANTICIPATED OR SHOWN ON THE EROSION CONTROL PLAN.

18. ALL STAGING, STOCKPILES, SPOIL, AND STORAGE MUST BE LOCATED SUCH THAT THEY WILL NOT ADVERSELY AFFECT STORM WATER QUALITY. PROTECTIVE MEASURES MUST BE PROVIDED IF NEEDED TO ACCOMPLISH THIS REQUIREMENT, SUCH AS COVERING OR ENCIRCLING THE AREA WITH AN APPROPRIATE BARRIER.

19. CONTRACTORS MUST INSPECT ALL EROSION CONTROL DEVICES, BMPS, DISTURBED AREAS, AND VEHICLE ENTRY AND EXIT AREAS WEEKLY AND WITHIN 24 HOURS OF ALL RAINFALL EVENTS OF 0.5 INCHES OR GREATER, AND KEEP A RECORD OF THIS INSPECTION IN THE SWPPP BOOKLET IF APPLICABLE, TO VERIFY THAT THE DEVICES AND EROSION CONTROL PLAN ARE FUNCTIONING PROPERLY.

20. CONTRACTOR MUST CONSTRUCT A STABILIZED CONSTRUCTION ENTRANCE AT ALL PRIMARY POINTS OF ACCESS IN ACCORDANCE WITH AHJ SPECIFICATIONS. CONTRACTOR MUST ENSURE THAT ALL CONSTRUCTION TRAFFIC USES THE STABILIZED ENTRANCE AT ALL TIMES FOR ALL INGRESS/EGRESS.

21. SITE ENTRY AND EXITS MUST BE MAINTAINED IN A CONDITION THAT WILL PREVENT THE TRACKING AND FLOWING OF SEDIMENT AND DIRT ONTO OFF-SITE ROADWAYS. ALL SEDIMENT AND SOIL FROM THE SITE THAT IS DEPOSITED ONTO AN OFF-SITE ROADWAY MUST BE REMOVED IMMEDIATELY.

22. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL SILT AND DEBRIS FROM THE AFFECTED OFF-SITE ROADWAYS THAT ARE A RESULT OF THE CONSTRUCTION, AS REQUESTED BY OWNER AND AHJ. AT A MINIMUM, THIS SHOULD OCCUR ONCE PER DAY FOR THE OFF-SITE ROADWAYS.

23. WHEN WASHING OF VEHICLES IS REQUIRED TO REMOVE SEDIMENT PRIOR TO EXITING THE SITE, IT MUST BE DONE IN AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP BMP.

24. CONTRACTOR MUST INSTALL A TEMPORARY SEDIMENT BASIN FOR ANY ON-SITE DRAINAGE AREAS THAT ARE GREATER THAN 10 ACRES, PER KDHE AND AHJ STANDARDS. IF NO ENGINEERING DESIGN HAS BEEN PROVIDED FOR A SEDIMENTATION BASIN ON THESE PLANS, THEN THE CONTRACTOR MUST ARRANGE FOR AN APPROPRIATE DESIGN TO BE PROVIDED.

25. ALL FINES IMPOSED FOR SEDIMENT OR DIRT DISCHARGED FROM THE SITE MUST BE PAID BY THE RESPONSIBLE CONTRACTOR
.

26. WHEN SEDIMENT OR DIRT HAS CLOGGED THE CONSTRUCTION ENTRANCE VOID SPACES BETWEEN STONES OR DIRT IS BEING TRACKED ONTO A ROADWAY, THE AGGREGATE PAD MUST BE WASHED DOWN OR REPLACED. RUNOFF FROM THE WASH-DOWN OPERATION MUST NOT BE ALLOWED TO DRAIN DIRECTLY OFF SITE WITHOUT FIRST FLOWING THROUGH ANOTHER BMP TO CONTROL SEDIMENTATION. PERIODIC RE-GRADING OR NEW STONE MAY BE REQUIRED TO MAINTAIN THE EFFECTIVENESS OF THE CONSTRUCTION ENTRANCE.

27. TEMPORARY SEEDING OR OTHER APPROVED STABILIZATION MUST BE INITIATED WITHIN 14 DAYS OF THE LAST DISTURBANCE OF ANY AREA, UNLESS ADDITIONAL CONSTRUCTION IN THE AREA IS EXPECTED WITHIN 21 DAYS OF THE LAST DISTURBANCE.
28. CONTRACTOR MUST FOLLOW GOOD HOUSEKEEPING PRACTICES DURING CONSTRUCTION, ALWAYS CLEANING UP DIRT, LOOSE MATERIAL, AND TRASH AS CONSTRUCTION PROGRESSES.

29. UPON COMPLETION OF FINE GRADING, ALL SURFACES OF DISTURBED AREAS MUST BE PERMANENTLY STABILIZED. STABILIZATION IS ACHIEVED WHEN THE AREA IS EITHER COVERED BY PERMANENT IMPERVIOUS STRUCTURES, SUCH AS BUILDINGS, SIDEWALK, PAVEMENT, OR A UNIFORM PERENNIAL VEGETATIVE COVER.

30. AT THE CONCLUSION OF THE PROJECT, ALL INLETS, DRAIN PIPE, CHANNELS, DRAINAGEWAYS AND BORROW DITCHES AFFECTED BY THE CONSTRUCTION MUST BE DREDGED, AND THE SEDIMENT GENERATED BY THE PROJECT MUST BE REMOVED AND DISPOSED IN ACCORDANCE WITH APPLICABLE REGULATIONS.

31. THE CONTRACTOR SHALL SEED, MULCH, OR OTHERWISE STABILIZE ANY DISTURBED AREA WHERE THE LAND DISTURBANCE ACTIVITY HAS CEASED FOR MORE THAN 14 DAYS AFTER SOIL DISTURBING ACTIVITIES HAVE CEASED. ALL SEEDING ACTIVITY SHALL INCLUDE MULCHING OR EQUIVALENT SOIL STABILIZING BMP MEASURE OF THE DISTURBED AREA. THE CONTRACTOR SHALL PERFORM INSPECTIONS OF EROSION AND SEDIMENT CONTROL MEASURE AT LEAST ONCE PER WEEK AND WHENEVER A RAINFALL TOTAL OF 0.5 INCHES OR GREATER IS OBSERVED BASED ON A SINGLE MONITORING EVENT; OR BASED ON THE CUMULATIVE TOTAL OF TWO CONSECUTIVE MONITORING EVENTS WHEN THE RAINFALL TOTAL OF THE FIRST MONITORING EVENT IS LESS THAN 0.5 INCHES. THE CONTRACTOR SHALL MAINTAIN AN INSPECTION LOG INCLUDING THE INSPECTOR'S NAME, DATE OF INSPECTION, OBSERVATIONS AS TO THE EFFECTIVENESS OF THE EROSION AND SEDIMENT CONTROL MEASURES, ACTIONS NECESSARY TO CORRECT DEFICIENCIES, WHEN DEFICIENCIES ARE CORRECTED, AND THE SIGNATURE OF THE PERSON PERFORMING THE INSPECTION. CONTRACTOR SHALL ADD EROSION CONTROL MEASURE AS NECESSARY TO CONTROL SEDIMENT RUNOFF FROM THE SITE, ADDITIONAL MEASURES SHALL BE AT THE CONTRACTORS EXPENSE.

32. CONTRACTOR MUST PROVIDE A SIGN NEAR THE ENTRANCE WITH THE FOLLOWING INFORMATION:

A. CONTACT NAME AND INFORMATION
B. A COPY OF THE NOI
C. LOCATION OF SWPPP

NATIVE GRASS & WILDFLOWER INSTALLATION

SEEDBED PREPARATION:
1. ONCE TOPSOIL HAS BEEN PLACED, DISC/SCARIFY SOIL PRIOR TO SEEDING UNLESS SEEDING INTO INTENTIONALLY PLANTED COVER CROP.

2. IT IS INTENDED A COVER CROP (TEMPORARY SEEDING) BE PLANTED IN ALL DISTURBED AREAS WHEN THE CALENDAR IS OUTSIDE OF THE NATIVE SEEDING DATES. THIS INCLUDES ALL NATIVE SEEDING AREAS (COST FOR COVER CROP WITHIN NATIVE SEEDING AREAS SHALL BE SUBSIDIARY TO NATIVE SEED ITEMS). REFER TO EROSION CONTROL & SEEDING PLAN NOTES.

PERMANENT SEEDING MIX:
3. ALL DISTURBED AREAS AS SHOWN ON THE SEEDING PLAN SHALL RECEIVE PERMANENT NATIVE GRASS SEED MIX AND FERTILIZED AFTER GRADING OPERATIONS ARE COMPLETE:

COVER CROP MIX (TEMPORARY SEEDING)
OATS @ 45 LBS./ACRE
"REGREEN" STERILE WHEAT @ 45 LBS./ACRE
CANADA WILD RYE @ 20 LBS./ACRE
SLOW RELEASE @ 150 LBS./ACRE

TALL NATIVE GRASS MIX:
VALLEY FEED AND SEED – NATIVE GRASS MIX – BIG 5
DRILL @ 20 PLS LBS./ACRE

SHORT NATIVE GRASS MIX:
VALLEY FEED AND SEED – SHORT NATIVE GRASS MIX
DRILL @ 20 PLS LBS./ACRE

WILDFLOWER MIX:
NOTE: WILDFLOWER MIX TO BE SEEDED WITH ALL NATIVE GRASS MIXES EXCEPT ON LOTS.

VALLEY FEED AND SEED – KANSAS WILDFLOWER MIX
DRILL @ 5 PLS LBS./ACRE

VALLEY FEED AND SEED – VP SHOWY POLLINATOR MIX
DRILL @ 10 PLS LBS./ACRE

NOTE: ALL SEED MIXES ARE AVAILABLE THROUGH VALLEY FEED AND SEED, 1903 South Meridian, Wichita, KS 67213, 316-942-2278 OR APPROVED EQUAL

SEEDING METHOD:
4. SEED PLACEMENT IS IMPORTANT AND SHOULD BE PLANTED NO MORE THAN ¼" DEEP. TO ENSURE ACCURATE PLACEMENT OF SEED IT IS PREFERRED THAT SEED IS PLACED WITH A 'SEED DRILL' OR 'NO-TILL DRILL'. WHEN THIS METHOD IS NOT PRACTICAL THE SEED BED CAN BE PREPARED WITH A CULTIPACKER THEN BROADCAST SEED AND ROLL AGAIN.
NOTE: A CULTIPACKER IS A SEGMENTED ROLLER THAT PREPARES THE SEEDBED THEN SLIGHTLY COMPACT THE SOIL AFTER SEEDING.

SEEDING RATES:
5. ALL SEED SHOULD BE PLACED AT A UNIFORM RATE OVER THE DELINEATED AREA AT THE SPECIFIED SEEDING RATE. BROADCAST SEED SHALL BE PLACED AT 1.5 TIMES THE DESIGNATED RATE.

SEEDING DATES:
6. PLANT SEED BETWEEN MARCH 25TH AND APRIL 10TH (PREFERRED) BETWEEN THE FIRST LATE YEAR HEAVY FROST AND MAY 1ST (ACCEPTABLE); OR AS APPROVED BY THE LANDSCAPE ARCHITECT THROUGH COORDINATION WITH THE CONTRACTOR. DO NOT SEED WHEN GROUND IS FROZEN.

FERTILIZING:
7. GENERALLY FERTILIZING IS NOT REQUIRED OR RECOMMENDED FOR NATIVE GRASS OR WILDFLOWER ESTABLISHMENT AS IT WOULD PROMOTE WEED GROWTH. IN THIS INSTANCE HOWEVER, ALL WEEDS SHOULD BE KILLED PRIOR TO PLANTING. THE ONE TIME APPLICATION OF A GRANULAR FERTILIZER IS RECOMMENDED DURING ESTABLISHMENT.

WATERING (BY OTHERS):
8. DURING THE ESTABLISHMENT PHASE, SUPPLEMENTAL WATERING (ONCE A WEEK) FOR FOUR TO SIX WEEKS MAY BE REQUIRED TO ENSURE SEED GERMINATION; THEN GRADUALLY REDUCE WATERING. A TEMPORARY IRRIGATION SYSTEM SHALL BE UTILIZED FOR INITIAL PLANT ESTABLISHMENT IF NECESSARY. ADDITIONAL WATERING WILL BE REQUIRED DURING TIMES OF PROLONGED DRY WEATHER IN THE FIRST 2 – 3 GROWING SEASONS.

MANAGEMENT DURING ESTABLISHMENT (BY OTHERS):
9. WEED CONTROL IS NECESSARY IN NEW SEEDING TO REDUCE COMPETITION FOR MOISTURE, NUTRIENTS AND SUNLIGHT. HERBICIDES ARE NOT RECOMMENDED, AS THEY WILL HARM THE WILDFLOWER STAND. IF NECESSARY, HERBICIDES MAY BE APPLIED USING A WICK APPLICATOR. MOWING DURING THE FIRST YEAR OF ESTABLISHMENT IS THE MOST APPROPRIATE METHOD TO REDUCE WEED POPULATIONS. MOWING MUST TAKE PLACE BEFORE THE WEEDY PLANTS PRODUCE SEED. WEEDS SHALL BE MOWED BEFORE THEY ARE 6" TALL; AS MUCH OF THE WEED SHOULD BE CUT AS POSSIBLE WITHOUT REMOVING TOO MUCH OF THE NEW GROWTH OF NATIVE GRASSES.

TRASH AND DEBRIS REMOVAL:
10. THE BMP AREA SHOULD BE INSPECTED FOLLOWING MAJOR STORMS AND ON A REGULAR MONTHLY SCHEDULE. ANY TRASH OR DEBRIS SHOULD BE REMOVED AS SOON AS IT IS FOUND TO PREVENT PLANTS FROM BEING SMOTHERED. REGULARLY REMOVING TRASH AND DEBRIS WILL MAINTAIN AESTHETICS OF THE FEATURE. ALL TRASH AND DEBRIS SHOULD BE DISPOSED OF PROPERLY.

VEGETATION (BY OTHERS):
11. REVIEW AND INSPECT VEGETATION WITHIN THE PLANTING AREA ON A MONTHLY BASIS DURING THE SPRING AND SUMMER MONTHS. INSPECTION SHOULD BE PERFORMED TO DETERMINE HEALTH AND TO IDENTIFY WEEDS AND INVASIVE SPECIES. INSPECTIONS SHOULD BE PERFORMED BY A PERSON TRAINED IN PLANT IDENTIFICATION AND CHARACTERISTICS. VEGETATION SHOULD ONLY INCLUDE PLANT SPECIES AS IDENTIFIED IN THE SEED MIX SPECIFIED. ALL OTHER PLANT SPECIES NOT IDENTIFIED IN SEED MIX ARE TO BE REMOVED DURING MAINTENANCE.

FALL AND WINTER MANAGEMENT (BY OTHERS):
12. SEEDED AREAS SHOULD BE MOWED FOLLOWING A HARD FREEZE AND AFTER PLANTS HAVE ESTABLISHED SEEDS. IF MOWING IS USED IT SHOULD BE A TWO STEP PROCESS. MOW SITE AND THEN REMOVE TOP GROWTH. TOP GROWTH MAY BE REMOVED BY RAKING, BALING OR MOWING WITH A BAGGER BUT A LAWN VACUUM SHOULD NOT BE USED.

SATISFACTORY NATIVE STAND:
13. WITHIN ONE FULL GROWING SEASON AND AT THE END OF THE MAINTENANCE PERIOD, A HEALTHY, WELL-ROOTED, VIABLE NATIVE STAND SHALL BE ESTABLISHED, FREE OF BARE AREAS GREATER THAN TWO SQUARE FEET IN SIZE AND FREE OF BROADER AREAS FAILING TO ACHIEVE 85% DESIRABLE PLANT COVERAGE.

14. REESTABLISH NATIVE STANDS THAT DO NOT COMPLY WITH REQUIREMENTS AND CONTINUE MAINTENANCE UNTIL NATIVE STANDS ARE SATISFACTORY.

CONSTRUCTION SEQUENCING

1. INSTALL SILT FENCE AND INLET PROTECTION AT EXISTING DROP INLETS. CONSTRUCTION ENTRANCE SHALL BE INSTALLED.
2. CLEARING/GRUBBING
3. EARTHWORK
4. TEMPORARY SEEDING AS NEEDED
5. ALL DISTURBED AREAS TO BE SEEDED WITH RYE GRASS AT A RATE OF 150 LBS. PER ACRE WITHIN 10 DAYS OF CONSTRUCTION. CONTRACTOR TO PREPARE GROUND PER CITY SPECIFICATIONS. COST IS SUBSIDIARY TO SITE PREPARATION AND RESTORATION.

MKEC
Wichita, KS • 316.684.9600

SCOTT PRESTON STEVENS 24423 KANSAS PROFESSIONAL ENGINEER
6/19/26

PHASE 1 - STORM WATER DRAINAGE #549 TO SERVE
COURTYARDS AT JACOBS FARM
SECOND ADDITION
WICHITA, KS

SEEDING NOTES

PROJECT NO. 458-2025-085619
SCALE NTS

DRAWN	DESIGNED	CHECKED
WJW	DFL	SPE

NO.	REVISION	DATE
0	ISSUED FOR CONSTRUCTION	06/19/2026

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