

STATE OF ILLINOIS CITY OF CHICAGO

BRANDON JOHNSON, MAYOR

DEPARTMENT OF PLANNING AND DEVELOPMENT (DPD)

CIERE BOATRIGHT, COMMISSIONER

5TH AVENUE ECO-ORCHARD ISSUED FOR BID DOCUMENTS

ENGINEER OF RECORD

AECOM

303 E. WACKER DRIVE, SUITE 1400
CHICAGO, IL 60601
TEL: 312-938-3530



CHAD R. LAUCAMP, P.E.
EXPIRES: NOVEMBER 30, 2025



LANDSCAPE ARCHITECT

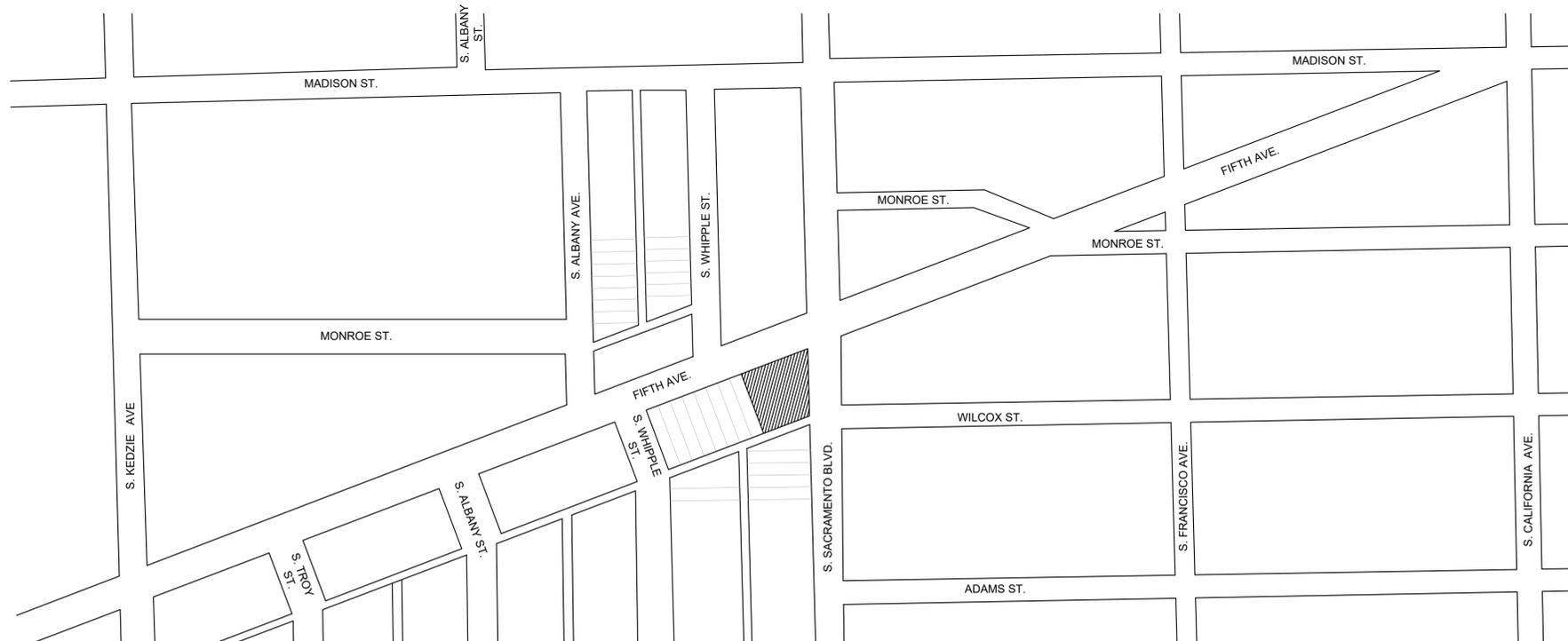
AECOM

303 E. WACKER DRIVE, SUITE 1300
CHICAGO, IL 60601
TEL: 312-938-3530

STORMWATER ENGINEER

HEY & ASSOCIATES, INC.

8755 W. HIGGINS ROAD, SUITE 835
CHICAGO, IL 60631
TEL: 773-693-9200



PROJECT KEY MAP

SPECIFICATION NO.: 1238762
REQUISITION NO.: 442021
OUC (IR) FILE #: 2018 - 83820 + IR-121347
PRIOR OUC (EFP) FILE #: 2019 - 87227 + EFP-121444

FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES.
REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES.
IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.




DIGGER
CHICAGO UTILITY ALERT NETWORK (C.U.A.N.)
TELEPHONE: (312) 744 - 7000
CALL 72 HOURS PRIOR TO DIGGING

NOTE:
48 HOURS BEFORE STARTING EXCAVATION, THE CONTRACTOR SHALL CALL DIGGER (CHICAGO UTILITY ALERT NETWORK) AT 312-744-7000 TO HAVE THE LOCATION OF THE EXISTING UNDERGROUND UTILITIES STAKED.




CHICAGO DEPARTMENT OF PLANNING & DEVELOPMENT
Hey and Associates, Inc.

No.	Sheet	Title
1		Cover Sheet
2	GN.01	Sheet Index
3	GN.02	General Construction Notes
4	GN.03	Schedule of Quantities - Pay Item List
5	SE.01	Erosion and Sedimentation Control Plan and Details
6	CD.01	Demolition Plan
7	CS.01	Site Geometry Plan
8	CG.01	Site Grading Plan
9	CU.01	Site Utilities Plan
10	CX.01	Site Sections and Profiles
11	CE.01	Excavation and Soils Backfill Plan
12	CP.01	Civil Pavement Details - 1
13	CP.02	Civil Pavement Details - 2
14	CC.01	Civil Construction Details - 1
15	CC.02	Civil Construction Details - 2
16	CC.03	Civil Construction Details - 3
17	CC.04	Civil Construction Details - 4
18	CC.05	Civil Construction Details - 5
19	CC.06	Civil Construction Details - 6
20	CC.07	Civil Construction Details - 7
21	CC.08	Civil Construction Details - 8
22	CC.09	Civil Construction Details - 9
23	LP.01	Fencing and Gate Details
24	LP.02	Landscape Plan and General notes
25	LD.01	Landscape Schedules and Planting Notes
26	LD.02	Interpretive Signage Details
27	LD.03	Landscape Construction Details
28	SVY-1	Site Survey (For Reference Only)

LEGEND

EXISTING

- — — — — PROPERTY LINE
- · · · · — PROJECT LIMITS
- E — ELECTRIC
- < — SANITARY SEWER
- G — GAS
- T — TELEPHONE
- W — WATER
- CATCH BASIN
- BOLLARD
- ⊕ FIRE HYDRANT
- ⊗ LIGHT POLE
- ⊙ MANHOLE
- ⊕ POWER POLE
- ⊗ SIGN
- ⊕ HANDHOLE
- ⊙ CONTROL BOX
- ⊕ TRAFFIC SIGNAL
- ⊙ VEGETATION TREE
- ⊕ GAS VALVE

PROPOSED

- ⊙ INLET
- ⊙ CATCH BASIN
- (—) — STORM
- 18.00 SPOT ELEVATION

DESIGN:				
DRAWN:				
CHECKED:				
APPROVED:				
DATE:	04/08/24			
SCALE:	SEE SHEET			
FILE:	NO.	BY	DATE	DESCRIPTION
	1	LK	05/06/24	ISSUED FOR BID DOCUMENTS
REVISIONS				



5TH AVENUE
ECO-ORCHARD

SHEET INDEX

SPECIFICATION NO.	500594
DRAWING NO.	GN.01
PROJECT NO.	29530

DEPARTMENT OF WATER MANAGEMENT NOTES

- A PERMIT IS REQUIRED FROM THE SEWER UNIT OF THE DEPARTMENT OF BUILDINGS (DOB) PRIOR TO THE CONSTRUCTION OF, OR REPAIRS TO, UNDERGROUND SEWERS, DRAIN CONNECTIONS OR SEWER STRUCTURES, INCLUDING THE ADJUSTMENT OF SEWER STRUCTURES AND REMOVAL / REPLACEMENT OF FRAMES AND LIDS. THE PERMIT MUST BE OBTAINED BY A DRAIN/LAYER CURRENTLY LICENSED FROM THE SEWER UNIT OF THE DOB.
- THE SEWER UNIT OF THE DOB MUST BE NOTIFIED AT LEAST 48 HOURS IN ADVANCE OF CONSTRUCTION, WITH THE NAME AND TELEPHONE NUMBER OF THE RESIDENT ENGINEER WHO COULD BE CONTACTED FOR ANY SEWER EMERGENCY.
- MANHOLES, CATCH BASINS, AND INLETS MUST BE PROTECTED FROM THE ENTRY OF ASPHALT / DEBRIS INTO THE SEWER SYSTEM DURING CONSTRUCTION. THE CONTRACTOR MUST MARK LOCATIONS OF ALL SEWER STRUCTURES ON THE SIDEWALK BEFORE STARTING PAVEMENT REMOVAL / REPLACEMENT. ADJUSTMENT OF FRAMES AND LIDS OF SEWER STRUCTURES MUST BE COMPLETED PRIOR TO STREET RESURFACING.
- EXISTING SEWERS TO BE ABANDONED MUST BE REMOVED OR FILLED WITH FLOWABLE FILL. SEWERS SMALLER THAN 2'-0" DIAMETER ARE CLOSED WITH A PLUG WHILE 2'-0" DIAMETER AND LARGER ARE CLOSED WITH A BULKHEAD. WITHIN THE CENTRAL BUSINESS DISTRICT, ALL ABANDONED SEWERS MUST BE INJECTED WITH FLOWABLE FILL.
- THE CONTRACTOR IS RESPONSIBLE FOR THE ADEQUATE PROTECTION OF THE EXISTING SEWERS, DRAIN CONNECTIONS, SEWER STRUCTURES, AND BENCH MONUMENTS DURING CONSTRUCTION OPERATIONS AND USE OF HEAVY EQUIPMENT IN THE LIMITS OF THE PROJECT.
- WHEN A SEWER STRUCTURE IS ABANDONED, ALL PIPE OPENINGS MUST BE PLUGGED, STRUCTURES FILLED WITH TRENCH BACKFILL, AND LIDS AND FRAMES REMOVED PER THE SEWER UNIT OF THE DEPARTMENT OF WATER MANAGEMENT STANDARDS AND SPECIFICATIONS.
- THE CONTRACTOR IS REQUIRED TO REPLACE ANY BROKEN FRAMES AND LIDS OF SEWER STRUCTURES WITH STANDARD FRAMES AND LIDS OF THE DEPARTMENT OF WATER MANAGEMENT. IN ADJUSTMENT OR RECONSTRUCTION OF SEWER STRUCTURES, ANY NON-STANDARD FRAMES AND LIDS MUST BE REPLACED WITH STANDARD FRAMES AND LIDS. IN ADJUSTMENT OR RECONSTRUCTION OF INLETS, ANY NON-STANDARD INLETS (GUTTER BOXES) MUST BE REPLACED WITH DEPARTMENT OF WATER MANAGEMENT STANDARD INLETS.
- THE FRAMES AND LIDS OF SEWER STRUCTURES TO BE ABANDONED, REMOVED, OR FILLED MUST BE SALVAGED AND THE DEPARTMENT OF WATER MANAGEMENT NOTIFIED FOR PICK UP.
- IN LOCATIONS WHERE THE MAIN SEWER IS NOT BEING REPLACED AND THE EXISTING DRAINAGE FACILITIES ARE DISTURBED OR DAMAGED DURING CONSTRUCTION BY THE CONTRACTOR, IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO RESTORE AND REPLACE THE DAMAGED FACILITIES AT HIS / HER EXPENSE TO THE SATISFACTION OF THE DEPARTMENT OF WATER MANAGEMENT.
- IN CASE OF ANY DAMAGE TO THE CITY'S SEWER SYSTEM, PRIVATE AND PUBLIC DRAIN CONNECTIONS, AND / OR BENCH MONUMENTS, THE CONTRACTOR MUST CONTACT THE SEWER UNIT OF THE DOB IMMEDIATELY AT PHONE NUMBER (312) 744-3351. THE CONTRACTOR MUST, AT HIS / HER COST REPLACE THE AFFECTED SEWERS, DRAIN CONNECTIONS, SEWER STRUCTURES, AND / OR BENCH MONUMENTS AS NECESSARY. THE SEWER FLOWS MUST BE MAINTAINED AT ALL TIMES.
- ON WORK COMPLETION, THE CONTRACTOR MUST PROVIDE THE SEWER UNIT OF THE DEPARTMENT OF WATER MANAGEMENT, FOR REVIEW AND ACCEPTANCE, A DVD OF THE SEWER MAINS.
- AS-BUILT DRAWINGS MUST BE SUBMITTED TO THE ENGINEER OF RECORD FOR REVIEW AND APPROVAL FOLLOWING THE CONSTRUCTION OF THIS DEVELOPMENT. WITHIN 30 DAYS OF SUBSTANTIAL COMPLETION, AS-BUILT DRAWINGS MUST INCLUDE INFORMATION ON THE FOLLOWING DRAWINGS AS A MINIMUM: DIMENSION PLAN, GRADING PLAN, UTILITY PLAN, SEWER DETAILS, AND STORMWATER BMP DETAILS. THE AS-BUILTS SHALL BE GENERATED BY A LICENSED SURVEYOR AND SHOULD INDICATE THE DESIGN INFORMATION WITH A LINE THROUGH THE TEXT AND THE AS-BUILT ELEVATION WRITTEN NEXT TO IT. SHOULD THE INFORMATION BE CONSTRUCTED AS DESIGNED, THE TEXT SHALL BE CIRCLED, INDICATING FULL COMPLIANCE. AS-BUILT INFORMATION IS EXPECTED TO BE PROVIDED FOR THE FOLLOWING ITEMS AT A MINIMUM: UTILITY STRUCTURE RIM ELEVATIONS, PIPE INVERTS, LENGTHS AND SIZES OF PIPES, SLOPES OF PIPES, SPOT ELEVATIONS AND CONTOURS.
- THE MINIMUM VERTICAL CLEARANCE (EDGE-TO-EDGE) FROM ALL WATER MAINS IS 18 INCHES. FOR FEEDER MAINS (WATER MAINS 16 INCHES AND LARGER), THE MINIMUM HORIZONTAL CLEARANCE (EDGE-TO-EDGE) IS FIVE (5) FEET, AND FOR GRID MAINS (WATER MAINS LESS THAN 16 INCHES), THE MINIMUM HORIZONTAL CLEARANCE (EDGE-TO-EDGE) IS THREE (3) FEET. NO PROPOSED ABOVE GROUND FACILITY (TREE, PLANTER BOX, LIGHT POLE, ETC.) CAN BE CLOSER THAN FIVE (5) FEET (EDGE-TO-EDGE) FROM A WATER MAIN OR CLOSER THAN THREE (3) FEET (EDGE-TO-EDGE) FROM A WATER SERVICE. SHOULD THE DWM REQUIRE ACCESS TO ITS FACILITIES, IT WILL NOT BE RESPONSIBLE FOR THE COSTS TO REMOVE OR SUPPORT ANY ABOVE GROUND STRUCTURES ADJACENT TO ITS FACILITIES.
- ALL SEWER INSTALLATIONS MUST MEET IEPA SEPARATION REQUIREMENTS FOR WATER AND SEWER PIPES.
- ALL NEW CURB INSTALLATION ADJACENT TO FIRE HYDRANTS MUST BE PAINTED SAFETY YELLOW FOR 15 FEET ON EACH SIDE OF THE FIRE HYDRANT EXCEPT WHERE THE 15 FOOT DIMENSION INTERSECTS A CROSSWALK, DRIVEWAY OR SIMILAR FEATURE. IN NO CASE SHALL THE INSTALLATION OF ANY PROPOSED FACILITY BE CLOSER THAN FIVE (5) FEET FROM A FIRE HYDRANT OR FIRE HYDRANT LEAD.
- EXTREME CAUTION MUST BE TAKEN TO AVOID DAMAGE TO ANY WATER FACILITIES. IF DAMAGE OCCURS TO THIS DEPARTMENT'S FACILITIES, THE CONTRACTOR WILL BE RESPONSIBLE FOR THE COST OF REPAIRING OR REPLACING THE DAMAGED FACILITIES.

CDOT GENERAL NOTES FOR WORK IN THE PUBLIC WAY:

- THE ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION," LATEST EDITION, AND ALL ADDENDA THERETO, AND CITY OF CHICAGO CONSTRUCTION STANDARDS FOR WORK IN THE PUBLIC WAY SHALL GOVERN THE EARTHWORK AND PAVING WORK UNDER THIS CONTRACT.
- THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS," LATEST EDITION, SHALL GOVERN THE UNDERGROUND WORK UNDER THIS CONTRACT, EXCEPT AS MODIFIED BY THESE SPECIFICATIONS, OR WHERE IN CONFLICT WITH CITY OF CHICAGO STANDARDS.
- ALL WORK SHALL BE CONDUCTED IN ACCORDANCE WITH OSHA REQUIREMENTS AND CITY OF CHICAGO REGULATIONS AND STANDARDS AND SHALL CONFORM IN ALL RESPECTS TO ALL STATE AND FEDERAL LAWS AND REGULATIONS.
- THE CONTRACTORS SHALL NOTIFY ALL UTILITY COMPANIES FOR FIELD LOCATIONS OF THEIR FACILITIES PRIOR TO BEGINNING CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE MAINTENANCE AND PRESERVATION OF THESE FACILITIES. ANY UTILITY LOCATIONS SHOWN ON THE PLANS ARE BASED ON AVAILABLE RECORDS AND ARE FOR GENERAL DIRECTION ONLY. ALL UTILITY LOCATIONS SHOWN MUST BE VERIFIED BY THE CONTRACTOR IN THE FIELD.
- ALL UTILITY TRENCHES UNDER AND WITHIN TWO FEET OF PAVEMENT, SIDEWALK, CURB AND GUTTER, ETC. SHALL BE BACKFILLED WITH CA-6 CRUSHED STONE (GRADE 8 OR 9), COMPACTED IN 9" LIFTS TO 95% OF MODIFIED PROCTOR.
- UTILITY CONNECTIONS WITHIN THE STREET RIGHT-OF-WAY SHALL BE ACCOMPLISHED BY SAW-CUTTING AND REMOVING THE EXISTING PAVEMENT. BACKFILL AND RESTORATION SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE DEPARTMENT OF TRANSPORTATION.
- CONTRACTOR SHALL PROVIDE AT OWN EXPENSE ALL AUTOMOBILE AND PEDESTRIAN TRAFFIC CONTROL DEVICES REQUIRED BY FEDERAL, STATE, COUNTY, CITY OF LOCAL AGENCIES.

UTILITY NOTES:

- ALL WORK HEREIN SHALL BE COMPLETED IN ACCORDANCE WITH OCCUPATIONAL, HEALTH AND SAFETY ADMINISTRATION (OSHA) REQUIREMENTS, CITY OF CHICAGO REGULATIONS AND STANDARDS, AND ALL STATE AND FEDERAL LAWS AND REGULATIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING APPROPRIATE HEALTH AND SAFETY PROTECTION, FIRE PROTECTION, BARRICADES, WARNING SIGNAGE, AND ANY OTHER SAFETY-RELATED ITEMS, INCLUDING OSHA SAFETY ITEMS.
- ALL WORK IN THE PUBLIC ROW SHALL BE AS PER CITY OF CHICAGO STANDARDS.
- SEWER & WATER CONSTRUCTION SHALL BE AS PER CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT REGULATIONS AND ORDINANCE.
- ALL LISTED QUANTITIES ARE FOR ESTIMATION PURPOSES ONLY. CONTRACTOR IS TO VERIFY QUANTITIES OF ALL UTILITIES.
- CONTRACTOR MUST TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING AND ADJACENT SITE CONDITIONS, UTILITIES AND STRUCTURES FROM DAMAGE DURING CONSTRUCTION ACTIVITIES. CONTRACTOR IS RESPONSIBLE TO RESTORE TO PREVIOUS CONDITION FOR ANY DAMAGE INCURRED DURING CONSTRUCTION AT THE CONTRACTOR'S EXPENSE AS DETERMINED BY THE ENGINEER OF RECORD.
- CONTRACTOR SHALL EXCAVATE AND VERIFY ALL EXISTING SEWER OR WATERMAIN LOCATIONS, SIZES, CONDITIONS & ELEVATIONS AT PROPOSED POINTS OF CONNECTION / CONFLICT PRIOR TO ANY UNDERGROUND CONSTRUCTION AND NOTIFY THE OWNER'S REPRESENTATIVE AND ENGINEER OF ANY DISCREPANCIES OR CONFLICTS.
- THE CONTRACTOR MUST PROTECT EXISTING UTILITIES AND STRUCTURES TO REMAIN BY BRACING OR SUPPORTING, AS NEEDED, TO PREVENT SETTLEMENT, DISPLACEMENT, OR DAMAGE.
- THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITIES SHALL BE OBTAINED FROM ALL UTILITY COMPANIES AND SHALL BE INVESTIGATED AND VERIFIED IN THE FIELD BY THE CONTRACTOR BEFORE STARTING WORK IN THE CONSTRUCTION AREA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE AND PRESERVATION OF THESE FACILITIES. ANY UTILITY LOCATIONS SHOWN ON THE PLANS ARE BASED ON AVAILABLE RECORDS AND ARE FOR GENERAL DIRECTION ONLY. EXCAVATION IN THE VICINITY OF EXISTING STRUCTURES SHALL BE PERFORMED BY HAND. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY AND ALL DAMAGES TO EXISTING FACILITIES, MAINTENANCE AND PROTECTION OF EXISTING UTILITIES, AND STRUCTURES.
- THE CONTRACTOR SHALL ADJUST RIM ELEVATIONS OF ALL EXISTING STRUCTURES TO PROPOSED GRADES AS INDICATED ON PLANS.
- THE LOCATION OF ALL UNDERDRAINS, SEWERS, AND STRUCTURES SHALL BE FIELD ADJUSTED TO AVOID POSTS, FOOTINGS, AND STRUCTURES THAT POSE A CONFLICT. THE CONTRACTOR SHALL NOTIFY THE OWNER 48 HOURS IN ADVANCE OF ANY UTILITY SHUTDOWN.
- ALL PROPOSED/REPLACED OR REUSED SEWER LATERALS FROM CATCH BASINS/INLETS, SEWER MAINS, AND PRIVATE DRAINS (COLLECTIVELY KNOWN AS "SEWER FACILITIES") THAT ARE PARALLEL TO WATER MAINS, SERVICES OR FIRE HYDRANT LEADS (COLLECTIVELY KNOWN AS "WATER FACILITIES") THAT ARE LESS THAN 18 INCHES BELOW THE WATER FACILITY AND HAVE LESS THAN 10 FEET OF HORIZONTAL SEPARATION FROM THE OUTSIDE EDGE OF THE WATER FACILITY MUST BE MADE OUT OF DUCTILE IRON/WATER MAIN QUALITY PIPE FOR 10 FEET ON EITHER SIDE OF THE OUTSIDE EDGE OF THE WATER FACILITY. ADDITIONALLY, ALL SEWER FACILITIES THAT CROSS PERPENDICULARLY BELOW WATER FACILITIES WITH LESS THAN 18 INCHES VERTICAL SEPARATION MUST BE MADE OUT OF DUCTILE IRON/WATER MAIN QUALITY PIPE FOR 10 FEET ON EITHER SIDE OF THE OUTSIDE EDGE OF THE WATER FACILITY. IF ANY SEWER FACILITY CROSSES PERPENDICULARLY ABOVE A WATER FACILITY, THEN THE SEWER FACILITY SHALL BE AT LEAST 18 INCHES ABOVE THE WATER FACILITY AND THE SEWER FACILITY MUST BE MADE OUT OF DUCTILE IRON/WATER MAIN QUALITY PIPE FOR 10 FEET ON EITHER SIDE OF THE OUTSIDE EDGE OF THE WATER FACILITY. SEWER LATERALS THAT REQUIRE DUCTILE IRON/WATER MAIN QUALITY PIPE SHALL BE DUCTILE IRON/WATER MAIN QUALITY PIPE FROM THE CATCH BASIN TO A POINT 10 FEET

- A WATER MAIN SHALL BE SEPARATED FROM A SEWER SO THAT ITS INVERT IS A MINIMUM OF 18 INCHES ABOVE THE CROWN OF THE SEWER. WHENEVER WATER MAINS CROSS STORM SEWERS, SANITARY SEWERS OR SEWER SERVICE CONNECTIONS, THIS VERTICAL SEPARATION SHALL BE MAINTAINED. A LENGTH OF WATER MAIN PIPE SHALL BE CENTERED OVER THE SEWER TO BE CROSSED WITH JOINTS EQUIDISTANT FROM THE SEWER OR DRAIN. A TEN FOOT HORIZONTAL SEPARATION BETWEEN ALL WATER AND SEWER PIPES SHALL BE MAINTAINED.
- WHEN IT IS IMPOSSIBLE TO OBTAIN THE PROPER SEPARATION AS DESCRIBED ABOVE, OR THE WATER MAIN PASSES UNDER A SEWER OR DRAIN, BOTH THE WATER MAIN AND SEWER SHALL BE CONSTRUCTED OF SLIP-ON OR MECHANICAL JOINT CAST OR DUCTILE IRON PIPE EQUIVALENT TO WATER MAIN STANDARDS OF CONSTRUCTION.
- THE USE OF CONCRETE, FLOW FILL, OR THE LIKE IS PROHIBITED WITHIN 24 INCHES OF ALL GAS FACILITIES, NOR SHALL IT ENCASE ANY GAS FACILITY. A BUFFER OF 24" SAND IS TO BE USED BETWEEN FLOW FILL AND ALL GAS FACILITIES. A MINIMUM OF 6" FA-02 OR FM-02 SAND SHALL BE USED WHEN BACKFILLING OTHER MATERIALS AROUND ANY EXPOSED GAS FACILITY. CONTRACTOR EXPOSING GAS FACILITY IS RESPONSIBLE FOR PROVIDING THE SAND. ANY DAMAGES TO PEOPLES GAS FACILITIES SHALL BE THE RESPONSIBILITY OF THE INSTALLING UTILITY AND THEIR CONTRACTOR(S). CALL 866-556-6002 IMMEDIATELY FOR ANY DAMAGES TO THE GAS FACILITIES. ALL GAS FACILITIES ARE TO BE MAINTAINED.
 - TRAFFIC AND PEDESTRIAN PROTECTION STRUCTURES MUST BE INSTALLED TO ALLOW FOR COMPLETE ACCESSIBILITY TO ALL DWM FACILITIES, INCLUDING FIRE HYDRANTS, VALVE BASINS, SEWER MANHOLES, AND CATCH BASINS.
 - PROPOSED TREES MUST NOT BE PLANTED WITHIN 5 FEET OF THE EXTERIOR PIPE WALL FOR ALL WATER MAINS 24-INCH IN DIAMETER AND LARGER. THIS 5-FOOT RULE EXCLUDES MAINS THAT ARE SEPARATED FROM THE TREE BY A HARDSCAPE FEATURE OR OTHER ROOT GROWTH LIMITING CONDITIONS SUCH AS WATER MAINS LOCATED IN THE STREET. THIS DEPARTMENT DISCOURAGES TREE PLANTING OVER WATER MAINS THAT ARE LESS THAN 24-INCHES IN DIAMETER LOCATED IN THE PARKWAY, BUT IF NECESSARY WILL ALLOW TREES WITH A MAXIMUM MATURE HEIGHT OF 30 FEET AND A MAXIMUM MATURE ROOT DEPTH OF 2 1/2 FEET. POTENTIAL PLANTINGS THAT MEET THIS REQUIREMENT INCLUDE THE FOLLOWING: 1. ORNAMENTAL SHRUBS OR BUSHES MEETING THE MATURE HEIGHT AND MATURE ROOT DEPTH DISCUSSED ABOVE. 2. FLOWERS OR OTHER NON-WOODY HERBACEOUS PLANTS. 3. ABOVE GROUND, MOVABLE PLANTING CONTAINERS THAT CAN BE RELOCATED BY THE OWNER OF THE PLANTINGS IN THE EVENT THAT ACCESS TO THE WATER MAIN IS REQUIRED. EXISTING TREES PLANTED ABOVE WATER MAINS THAT DO NOT MEET THESE REQUIREMENTS DO NOT NEED TO BE REMOVED. HOWEVER, IF SUCH EXISTING TREES ARE REMOVED, ALL PROPOSED TREES INSTALLED IN THEIR PLACE MUST MEET THE ABOVE-MENTIONED REQUIREMENTS.
 - IF CONSTRUCTION REQUIRES THE USE OF WATER FROM A CITY FIRE HYDRANT, OR ADJUSTMENTS OR REPAIRS ARE REQUIRED TO ANY CITY SEWER FACILITIES IN PROXIMITY TO THE PROJECT SITE, PERMITS MUST BE OBTAINED FROM THE DEPARTMENT OF WATER MANAGEMENT, WATER AND SEWER SECTIONS.
- PRIOR TO STARTING ANY WORK IN THE PUBLIC WAY, CONTACT:
 - GEORGE BLACK, DEPARTMENT OF TRANSPORTATION, 312-746-6450 RELATIVE TO ANY CITY OF CHICAGO SIGNS, TRAFFIC, OR STREET.
 - THOMAS STEVENS, DEPARTMENT OF REVENUE RELATIVE TO PARKING METERS, 312-742-6978.
 - JOHN WESLOW, CTA, AT LEAST 2 WEEKS PRIOR TO UNDERTAKING ANY WORK IN THE VICINITY OF ANY BUS SHELTER, 312-691-4217.
 - MIKE RASHER, BUREAU OF ELECTRICITY, 312-746-4656.
 - ALL WORK IN THE PUBLIC WAY REQUIRES A PERMIT FROM THE OFFICE OF EMERGENCY MANAGEMENT; COMMUNICATIONS TRAFFIC MANAGEMENT AUTHORITY, PERMIT DIVISION, ROOM 901 CITY HALL.
 - CONTRACTOR SHALL NOTIFY THE OWNER, ENGINEER, AND THE CHICAGO UTILITY ALERT NETWORK, DIGGER, @ 312-744-7000, 48 HOURS IN ADVANCE BEFORE PERFORMING ANY WORK.
 - CITY CONTRACTORS ARE REQUESTED TO TAKE EXTRA PRECAUTIONS WHEN WORKING NEAR COMED OVERHEAD WIRES. THESE WIRES ARE NOT INSULATED, TO HAVE THEM INSULATED PLEASE CONTACT 1-800-EDISON-1 AND CONNECT WITH "FACILITY PROTECTION" TO PUT IN A SERVICE REQUEST PRIOR TO CONSTRUCTION START.
 - PROTECT ALL EXISTING COMED MANHOLES AND CONDUITS WHEN CROSSING, ADJACENT TO OR IN THE NEAR VICINITY BY DIGGING TEST HOLES TO ASSURE COMED FACILITIES ARE NOT DAMAGED, DURING THE DIRECTIONAL BORE OR EXCAVATION PROCESS, AND HAND DIG WHEN WITHIN 5 FEET OF CROSSING FACILITIES. IF FIELD CONDITIONS REQUIRE COMED ASSISTANCE, SUCH AS POLE BRACING, CONDUIT SUPPORTS AND/OR FRAME AND COVER ADJUSTMENTS, CONTACT NEW BUSINESS @ 1-866-NEW-ELEC. WITH A MINIMUM (5) WEEK LEAD TIME.
 - HAND DIG IS REQUIRED WHEN CROSSING COMED UNDERGROUND CABLE/CONDUITS. MAINTAIN 12 INCHES VERTICAL CLEARANCE (18 INCHES IF POSSIBLE) FROM ANY COMED FACILITIES. WHEN FIELD CONDITIONS REQUIRE COMED ASSISTANCE, PLEASE CONTACT COMED NEW BUSINESS @ 1-866-NEW-ELEC TO REACH OUT TO A PROJECT ENGINEER AT LEAST 5 WEEKS PRIOR TO CONSTRUCTION.
 - AT&T HAS UNDERGROUND FACILITIES WITHIN PROJECT LIMITS AS SHOWN ON THE PROPOSED PLANS. PLEASE CONTACT CHARLES PUNTER AT 0(630) 573-5482 OR E-MAIL: CP4361@ATT.COM AT LEAST 15 DAYS PRIOR TO CONSTRUCTION COMMENCEMENT TO SCHEDULE AND COORDINATE AT&T WORK.
 - PEOPLES GAS IS TO PERFORM REPLACEMENT / RELOCATION WORK ON GAS FACILITIES WITHIN THIS PROJECT SCOPE:
 - ON: S. SACRAMENTO BLVD FROM: W. FIFTH AVE TO: W. JACKSON BLVD
 - CONTACT CRISS REDMOND, CENTRAL SHOP ENGINEERING SUPERVISOR, AT 312-756-9796 TO COORDINATE A SCHEDULE TO PERFORM WORK.
 - PEOPLES GAS FACILITIES ARE PRESENT WITHIN AREA OF CONSTRUCTION. USE EXTREME CAUTION NEAR ALL GAS FACILITIES DURING CONSTRUCTION AND RELATED EXCAVATION ACTIVITIES. HAND DIG OR NON-INVASIVE EXCAVATION IS REQUIRED TO FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF GAS FACILITIES PRIOR TO CROSSING AND WORKING WITHIN 3 FEET OF ALL GAS FACILITIES. A MINIMUM OF 3' HORIZONTAL EDGE TO EDGE CLEARANCE IS REQUIRED FOR GAS FACILITIES WITH DIAMETERS OF 16" OR SMALLER, AND 5FT EDGE TO EDGE CLEARANCE FOR GAS FACILITIES WITH DIAMETERS 18" AND LARGER.

- MAINTAIN A MINIMUM OF 18" EDGE TO EDGE VERTICAL CLEARANCE WHEN CROSSING GAS FACILITIES 16" OR LESS IN DIAMETER, AND 24" EDGE TO EDGE VERTICAL CLEARANCE WHEN CROSSING 18" AND LARGER DIAMETER GAS FACILITIES. CONTACT 811 CHICAGO/DIGGER 312-744-7000 FOR LOCATES AT LEAST 48 HOURS PRIOR TO START OF CONSTRUCTION.
- THE USE OF CONCRETE, FLOW FILL, OR THE LIKE IS PROHIBITED WITHIN 24 INCHES OF ALL GAS FACILITIES, NOR SHALL IT ENCASE ANY GAS FACILITY. A BUFFER OF 24" SAND IS TO BE USED BETWEEN FLOW FILL AND ALL GAS FACILITIES. A MINIMUM OF 6" FA-02 OR FM-02 SAND SHALL BE USED WHEN BACKFILLING OTHER MATERIALS AROUND ANY EXPOSED GAS FACILITY. CONTRACTOR EXPOSING GAS FACILITY IS RESPONSIBLE FOR PROVIDING THE SAND. ANY DAMAGES TO PEOPLES GAS FACILITIES SHALL BE THE RESPONSIBILITY OF THE INSTALLING UTILITY AND THEIR CONTRACTOR(S). CALL 866-556-6002 IMMEDIATELY FOR ANY DAMAGES TO THE GAS FACILITIES. ALL GAS FACILITIES ARE TO BE MAINTAINED.
 - CAUTION! THE DIVISION OF ELECTRICAL OPERATIONS HAS FACILITIES IN THE PARKWAY AND/OR THE STREET. THE CONTRACTOR IS DIRECTED TO EXERCISE CAUTION DURING CONSTRUCTION AND/OR EXCAVATION. THE CONTRACTOR ASSUMES ALL LIABILITY FOR ANY DAMAGES TO THE DIVISION OF ELECTRICAL OPERATIONS FACILITIES. CALL 811 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION. THE CONTRACTOR IS TO HAND DIG AROUND AND PLACE SUPPORTS IN PLACE FOR ANY DEO FACILITIES ENCOUNTERED. IF ANY OTHER CONFLICTS WITH OUR FACILITIES, PLEASE CONTACT EDWIN.RODRIGUEZJR@CITYOFCHICAGO.ORG

GRADING NOTES:

- ALL WORK HEREIN SHALL BE COMPLETED IN ACCORDANCE WITH THE REQUIREMENTS OF THE CITY OF CHICAGO AND THE STATE OF ILLINOIS.
- PRIOR TO START OF CONSTRUCTION THE CONTRACTOR SHALL CONTACT D.I.G.G.E.R. (312-744-7000), 48-HOURS (2 WORKING DAYS) TO LOCATE EXISTING UTILITIES AND THEIR APPURTENANCES. ANY OMISSIONS OF UTILITIES OR DISCREPANCIES IN THE CONTRACT DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY. CONTRACTOR MUST COOPERATE WITH THE UTILITY COMPANIES OR THEIR CONTRACTORS WHILE PERFORMING THEIR REQUIRED WORK.
- CONTRACTOR IS RESPONSIBLE TO RESTORE TO PREVIOUS CONDITION FOR ANY DAMAGE INCURRED DURING CONSTRUCTION.
- ALL PROPOSED OR EXISTING ELEVATIONS ARE IN REFERENCE TO CITY OF CHICAGO DATUM.
- EXISTING TOPOGRAPHY SHOWN REPRESENTS SITE CONDITION AS PREPARED BY D.B. STERLIN, INC.
- CONTRACTOR MUST VERIFY ALL INFORMATION ON EXISTING CONDITIONS INDICATED ON THE PLANS. CONTRACTOR MUST REPORT IN WRITING ANY DISCREPANCIES TO THE ENGINEER PRIOR TO COMMENCING WORK, AND MUST NOT COMMENCE WORK UNTIL DISCREPANCIES ARE RESOLVED BY OWNER AND ARCHITECT. COMMENCING WORK INDICATES THAT THE CONTRACTOR HAS EXAMINED THE EXISTING CONDITIONS AND ACCEPTS THE PLANS AS ACCURATE.
- ALL WORK AND MATERIALS WHICH DO NOT CONFORM TO THE SPECIFICATIONS ARE SUBJECT TO REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE.
- AN EXPERIENCED SOILS ENGINEER MUST OBSERVE AND EVALUATE EXPOSED SUBGRADE AND BOTTOM OF EXCAVATIONS OR TRENCHES TO LOCATE ANY UNSUITABLE SOIL PRIOR TO BACKFILLING OVER OR BUILDING UPON THE SUBGRADE. CONTRACTOR MUST IMMEDIATELY REMOVE ANY UNSUITABLE MATERIAL AND REPLACE AS DIRECTED BY THE ENGINEER.
- CONTRACTOR MUST BE RESPONSIBLE FOR PROTECTION OF PAVEMENTS, DRIVEWAYS, CURBS, ALLEYS, SIDEWALK, AND PARKWAYS OUTSIDE OF LIMITS OF WORK DURING CONSTRUCTION OPERATIONS. CONTRACTOR SHALL RESTORE ANY DAMAGE AT HIS OWN EXPENSE.
- CONTRACTOR MUST REPAIR LANDSCAPING WITH TOPSOIL AND SOD ADJACENT TO CONCRETE (SIDEWALK OR CURB) WORK. THE FINISHED CONCRETE SURFACE MUST BE BROOM CLEANED AT THE END OF EACH CONSTRUCTION DAY, AND AT THE COMPLETION OF THE WORK.
- ALL SOILS AND FILL REQUIRING REMOVAL FROM THE SITE AS PART OF CONSTRUCTION WORK SHALL BE HANDLED IN ACCORDANCE WITH THE SPECIAL PROVISION FOR NON-SPECIAL WASTE DISPOSAL, SPECIAL.
- ALL IMPORTED BACKFILL, TOPSOIL, ETC. SHALL ALSO COMPLY WITH SPECIAL PROVISION FOR IMPORTED SOIL MATERIAL TESTING.
- FOR CHICAGO PUBLIC SIDEWALKS THE MAXIMUM CROSS-SLOPE SHALL NOT EXCEED 1.58%, THE MAXIMUM RUNNING SLOPE SHALL NOT EXCEED 4.16% OR THE GENERAL GRADE ESTABLISHED FOR THE ADJACENT STREET, WHICH EVER IS HIGHER.
- CONTRACTOR MUST COORDINATE WITH THE CITY FOR ACCESS TO ALL PROPERTY INVOLVED IN PROPOSED IMPROVEMENTS.

GENERAL NOTES:

- ANY REFERENCES IN THESE DRAWINGS TO "2FM" REFERS TO THE CITY OF CHICAGO DEPARTMENT OF FLEET AND FACILITY MANAGEMENT, WHICH IS A CITY AGENCY THAT PERFORMED ENVIRONMENTAL SERVICES FOR THIS PROJECT AND THE CONTRACTOR WILL BE RESPONSIBLE FOR COORDINATING AND REPORTING TO THIS AGENCY WHERE INDICATED.
- TOPOGRAPHIC INFORMATION INCLUDING CONTOURS, EXISTING SPOT GRADES, ELEVATION OF EXISTING STRUCTURE RIM AND INVERTS, ETC., IS ALL AS OBTAINED FROM A TOPOGRAPHIC MAP RECEIVED FROM THE ARCHITECT/OWNER. THE SURVEY BASE PROVIDED HEREIN IS FOR INFORMATIONAL PURPOSES ONLY. THE OWNER / ARCHITECT / ENGINEER ARE NOT RESPONSIBLE FOR ANY MISCHARTED OR UNCHARTED UTILITIES, OR OTHER ERRORS DETECTED. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL SITE CONDITIONS. THE ARCHITECT / ENGINEER HAS UTILIZED THIS INFORMATION AT OWNER REQUEST AND MAKES NO WARRANTY REGARDING THE ACCURACY THEREOF.

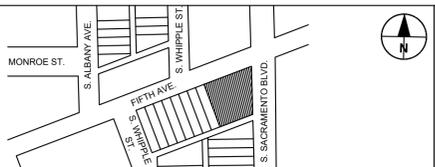
TOTAL SHEETS	SHEET NO.
28	3

- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AFFECTING THEIR WORK WITH ACTUAL CONDITIONS AT THE JOB SITE. IF THERE ARE ANY DISCREPANCIES FROM WHAT IS SHOWN ON THE CONSTRUCTION PLAN, HE MUST IMMEDIATELY REPORT SAME TO THE ENGINEER BEFORE DOING ANY WORK. OTHERWISE THE CONTRACTOR ASSUMES FULL RESPONSIBILITIES. IN THE EVENT OF DISAGREEMENT BETWEEN THE CONSTRUCTION PLANS, STANDARD SPECIFICATIONS AND / OR SPECIAL DETAIL, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTION FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECTED BY OMISSIONS OR DISCREPANCIES, FAILING TO SECURE SUCH INSTRUCTION, THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT HIS OWN RISK AND EXPENSE. IN THE EVENT OF ANY DOUBT OR QUESTION ARISING WITH RESPECT TO THE TRUE MEANING OF THE CONSTRUCTION PLANS OR SPECIFICATIONS, THE DECISION OF THE ARCHITECT / ENGINEER SHALL BE FINAL AND CONCLUSIVE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS AND PAYING THE REQUISITE FEES FOR CONSTRUCTION. HE SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE STREETS OR ROADWAYS AND ASSOCIATED STRUCTURES AND SHALL MAKE REPAIRS AS NECESSARY TO THE SATISFACTION OF THE ARCHITECT / ENGINEER.
- THE CONTRACTOR MUST COMPLY WITH ALL FEDERAL, STATE, AND LOCAL CODES.
- ALL WORK AND MATERIALS WHICH DO NOT CONFORM TO THE CONTRACT DOCUMENTS ARE SUBJECT TO REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE.
- DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- ALL DISTURBED AREAS SHALL BE RESTORED BY THE CONTRACTOR TO THE ORIGINAL CONDITION.
- ALL DIMENSIONS ARE FROM FACE OF CURB, FACE OF BUILDING, EDGE OF PAVEMENT, PROPERTY LINE OR POINT OF TANGENCY UNLESS OTHERWISE NOTED.
- PRECAUTION AND HAND EXCAVATION IS REQUIRED WHERE PROPOSED WORK IS TO CROSS ELECTRICAL FACILITIES.
- ANY IMPACTS TO THE RIGHT-OF-WAY SHALL BE RESTORED IN ACCORDANCE TO THE STANDARDS, SPECIFICATIONS, AND DETAILS SPECIFIED IN THE LATEST VERSION OF THE CDOT RULES & REGULATIONS FOR CONSTRUCTION IN THE PUBLIC WAY.
- THE CONTRACTOR SHALL DEFEND, INDEMNIFY, KEEP AND SAVE HARMLESS THE MUNICIPALITY, OWNER, ARCHITECT AND ENGINEER, AND THEIR RESPECTIVE BOARD MEMBERS, REPRESENTATIVES, AGENTS, AND EMPLOYEES, IN BOTH INDIVIDUAL AND OFFICIAL CAPACITIES, AGAINST ALL SUITS, CLAIMS, DAMAGES, LOSSES, AND EXPENSES, INCLUDING ATTORNEYS' FEES, CAUSED BY, GROWING OUT OF, OR INCIDENTAL TO THE PERFORMANCE OF THE WORK UNDER THE CONTRACT BY THE CONTRACTOR OR ITS SUBCONTRACTORS TO THE FULL EXTENT AS ALLOWED BY THE LAWS OF THE STATE OF ILLINOIS AND NOT BEYOND ANY EXTENT WHICH WOULD RENDER THESE PROVISIONS VOID OR UNENFORCEABLE. THIS OBLIGATION INCLUDES, BUT IS NOT LIMITED TO: THE ILLINOIS LAWS REGARDING STRUCTURAL WORK (IL REV. STAT. CH. 48, PAR. 60 AT SEQ.] AND REGARDING THE PROTECTION OF ADJACENT LANDOWNERS (IL REV. STAT. CH. 17-1/2 PAR. 51 ET. SEQ.). IN THE EVENT OF ANY SUCH INJURY (INCLUDING DEATH) OR LOSS OF DAMAGE, OR CLAIMS THEREFORE, THE CONTRACTOR SHALL GIVE PROMPT NOTICE TO THE OWNER

SOIL MATERIAL TESTING AND SPECIAL WASTE DISPOSAL:

- ALL SOIL REMOVED FROM THE SITE MUST BE DISPOSED OF AS NON-SPECIAL WASTE AT AN ACTIVE PERMITTED SUBTITLE D LANDFILL.
- A 2FM REPRESENTATIVE MUST BE ALLOWED TO COLLECT SAMPLES AND CONFIRM EXCAVATION DEPTHS PRIOR TO BACKFILLING EXCAVATED AREAS. THE CONTRACTOR IS RESPONSIBLE FOR SURVEYING THE EXCAVATION DEPTHS AND FINISHED SURFACE ELEVATIONS.
- PHASE II ENVIRONMENTAL SITE ASSESSMENTS HAVE IDENTIFIED SURFICIAL AND SUBSURFACE SOIL AT THE SITE IN EXCEEDANCE OF THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY'S (IEPA) RESIDENTIAL INGESTION AND/OR CONSTRUCTION WORKER OBJECTIVES INCLUDED IN TITLE 35 OF THE ILLINOIS ADMINISTRATIVE CODE PART 742 FOR POLYNUCLEAR AROMATIC HYDROCARBONS AND METALS (PRIMARILY LEAD, ARSENIC, CHROMIUM AND MERCURY). IN DEEPER EXCAVATIONS, GROUNDWATER MAY BE ENCOUNTERED THAT CONTAINS CONTAMINATION FROM THE SAME CONSTITUENTS. THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH ALL APPLICABLE WORKER HEALTH AND SAFETY LAWS AND REGULATIONS AS REQUIRED FOR WORK PERFORMED IN CONTAMINATED SOIL AND GROUNDWATER.
- THE REMEDIATION ACTION PLANS (RAP'S) FOR THE PROJECT SITE ARE LOCATED IN APPENDIX C OF BOOK 3 - DETAIL SPECIFICATIONS, STANDARDS, AND DETAILS. CONTRACTOR MUST BE FAMILIAR WITH THESE RAP'S AND COMPLY WITH THE REQUIREMENTS SET FORTH WITHIN THESE DOCUMENTS.
- IMPORTED QUARRY GENERATED VIRGIN SOURCE MATERIALS DO NOT NEED TO BE TESTED, BUT CERTIFICATION FROM THE SOURCE (QUARRY) MUST BE PROVIDED PRIOR TO IMPORTING THE MATERIAL TO THE SITE.
- PRIOR TO IMPORTING ANY OFF-SITE MATERIAL FOR USE AS BACKFILL TO THE SITE, THE CONTRACTOR SHALL COLLECT SAMPLES FOR ANALYTICAL TESTING AT A FREQUENCY OF 1 SAMPLE PER 500 CUBIC YARDS PER SOURCE TO VERIFY THAT THESE MATERIALS DO NOT EXCEED APPENDIX B, SECTION 742, TABLE A; TIERED APPROACH TO CORRECTIVE ACTION OBJECTIVES (TACO): 35 ILL ADM. CODE 742 VALUES FOR 35 ILL. ADM. CODE 740 APPENDIX A TARGET COMPOUND LIST (TCL) PARAMETERS. IN ADDITION, BACKFILL SAMPLES MUST ALSO BE TESTED FOR SYNTHETIC PRECIPITATION LEACHING PROCEDURE (SPLP) TARGET ANALYTE LIST (TAL) METALS. A COPY OF THE ANALYTICAL RESULTS SHALL BE SUBMITTED AT LEAST ONE WEEK PRIOR TO AND WRITTEN APPROVAL MUST BE PROVIDED BY DPD OR DPD'S REPRESENTATIVE PRIOR TO IMPORTING ANY MATERIALS TO THE SITE.
- FILL MATERIALS WILL NOT BE ACCEPTED FROM SOURCES THAT HAVE HAD APPLICATIONS OF BIOSOLIDS THAT WERE OBTAINED FROM PUBLICLY OWNED SEWAGE TREATMENT WORKS (POTWS).

DESIGN:				
DRAWN:				
CHECKED:				
APPROVED:				
DATE:	04/08/24			
SCALE:	SEE SHEET	1	LK	05/06/24
FILE:		NO.	BY	DATE
				ISSUED FOR BID DOCUMENTS
				DESCRIPTION
				REVISIONS



5TH AVENUE
ECO-ORCHARD

GENERAL CONSTRUCTION NOTES

SPECIFICATION NO.	500594
DRAWING NO.	GN.02
PROJECT NO.	29530

ITEM NO.	CODE NO.	ITEM	UNIT	QUANTITY
1	*****	TREE REMOVAL	UNIT	58
2	*****	SALVAGE AND REPURPOSE TREE	UNIT	38
3	20200100	EARTH EXCAVATION	CU YD	1815
4	66900210	HAZARDOUS WASTE DISPOSAL	CU YD	20
5	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	100
6	CDOT2510010	SHREDDED HARDWOOD BARK MULCH	CU YD	21
7	25100630	EROSION CONTROL BLANKET	SQ YD	315
8	X2500930	SEEDING, CLASS 1B (MODIFIED)	ACRE	0.25
9	28000400	PERIMETER EROSION BARRIER	FOOT	485
10	28000510	INLET FILTERS	EACH	4
11	*****	AGGREGATE, TYPE CA-7	CU YD	559
12	*****	POROUS AGGREGATE SUBBASE	CU YD	60
13	*****	AGGREGATE BASE COURSE, TYPE CA-6	CU YD	31
14	31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	31
15	*****	WATER SERVICE TERMINATION	EACH	1
16	*****	OBSERVATION WELL	EACH	1
17	31101400	SUBBASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	42
18	CDOT4240010	PORTLAND CEMENT CONCRETE SIDEWALK, 5-INCH	SQ FT	2992
19	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	38
20	44000600	SIDEWALK REMOVAL	SQ FT	279
21	*****	CLASS B PATCHES, TYPE III, 8 INCH	SQ YD	23
22	*****	CLASS B PATCHES, TYPE III, 10 INCH	SQ YD	22
23	40604172	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL 9.5. MIX "E", N70	TON	5
24	*****	PERFORATED PIPE UNDERDRAINS 12"	FOOT	46
25	*****	CATCH BASINS, 3'-DIAMETER, LIGHTWEIGHT FRAME, INFILTRATION LID AND FLAT SLAB TOP	EACH	2
26	*****	INFILTRATION SOLID LID (CITY OF CHICAGO)	EACH	2
27	Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	2
28	*****	STD INLETS HEAVYWEIGHT FRAME, STD LID FOR INFILTRATION (CITY OF CHICAGO)	EACH	2
29	*****	STORM SEWERS, TYPE 2, 8-INCH (DUCTILE IRON PIPE)	FOOT	141
30	CDOT6060020	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-V.12	FOOT	38
31	X0323569	STEEL POST REMOVAL	EACH	56
32	66900105	UNDERGROUND STORAGE TANK (EST. 1,000 GALLON) - REMOVAL, DISPOSAL AND CLOSURE IN ACCORDANCE WITH 41 IAC PART 175 AND/OR 35 IAC PART 734 AS APPLICABLE	EACH	1
33	CDOT6640010	TEMPORARY CHAIN LINK FENCE WITH SCREENING, 6'	FOOT	485

ITEM NO.	CODE NO.	ITEM	UNIT	QUANTITY
34	*****	NON-SPECIAL WASTE DISPOSAL, SPECIAL	CU YD	1815
35	*****	IMPORTED SOIL MATERIAL TESTING	EACH	2
36	*****	TRAFFIC CONTROL AND PROTECTION	LSUM	1
37	*****	FURNISH AND INSTALL PROJECT SIGN, TYPE A	EACH	1
38	*****	ENGINEERED TOPSOIL, FURNISH AND PLACE	CU YD	963
39	*****	GEOTEXTILE BARRIER	SQ YD	188
40	*****	FILTER FABRIC	SQ YD	1072
41	CDOT5870010	PROTECTIVE CONCRETE SEALER	SQ YD	333
42	*****	SPLIT RAIL WESTERN RED CEDAR FENCE	FOOT	356
43	*****	SPLIT RAIL WESTERN RED CEDAR GATE (4' WIDE)	EACH	6
44	*****	INTERPRETIVE SIGNAGE COMPLETE	EACH	1
45	*****	PERENNIAL PLANTS, ALLIUM CERNUUM, #1 CONTAINER	EACH	223
46	*****	PERENNIAL PLANTS, AMORPHA CANESCENS, #1 CONTAINER	EACH	106
47	*****	PERENNIAL PLANTS, ASCLEPIAS TUBEROSA, #1 CONTAINER	EACH	106
48	*****	PERENNIAL PLANTS, ASCLEPIAS VERTICILLATA, #1 CONTAINER	EACH	223
49	*****	PERENNIAL PLANTS, CAREX BREVIOR, #1 CONTAINER	EACH	156
50	*****	PERENNIAL PLANTS, COREOPSIS LANCEOLATA, #1 CONTAINER	EACH	106
51	*****	PERENNIAL PLANTS, ECHINACEA PALLIDA, #1 CONTAINER	EACH	117
52	*****	PERENNIAL PLANTS, SPOROBOLUS HETEROLEPIS, #1 CONTAINER	EACH	580
53	*****	PERENNIAL PLANTS, TRADESCANTIA OHIENSIS, #1 CONTAINER	EACH	223
54	*****	SHRUB, RIBES AMERICANUM, #5 CONTAINER	EACH	37
55	*****	SHRUB, RIBES SATIVUM 'ROVADA', #5 CONTAINER	EACH	18
56	*****	TREE, CERCIS CANADENSIS, #15 CONTAINER	EACH	2
57	*****	TREE, CORYLUS AVELLANA 'McDONALD', #15 CONTAINER	EACH	1
58	*****	TREE, CORYLUS AVELLANA 'WEPSTER', #15 CONTAINER	EACH	1
59	*****	TREE, PRUNUS AVIUM 'BING', BARE ROOT	EACH	1
60	*****	TREE, PRUNUS AVIUM 'RAINIER', BARE ROOT	EACH	1
61	*****	TREE, PYRUS PYRIFOLIA 'SHINSEIKI', BARE ROOT	EACH	1
62	*****	TREE, PYRUS PYRIFOLIA 'KOREAN GIANT', BARE ROOT	EACH	1
63	*****	OVERSIGHT AND DOCUMENTATION OF REMEDIATION ACTIVITIES	LSUM	1
64	*****	SUBMITTAL OF AN APPROVED REMEDIAL ACTION COMPLETION REPORT (RACR), RECEIPT OF A FINAL COMPREHENSIVE RESIDENTIAL NO FURTHER REMEDIATION (NFR) LETTER FOR CITY AND NEIGHBORHOOD PARCELS EACH LETTER WILL BE RECORDED ON THE CORRESPONDING PIN	LSUM	1

DESIGN:				
DRAWN:				
CHECKED:				
APPROVED:				
DATE:	04/08/24			
SCALE:	SEE SHEET	1	LK	05/06/24
FILE:				
	NO.	BY	DATE	DESCRIPTION
REVISIONS				

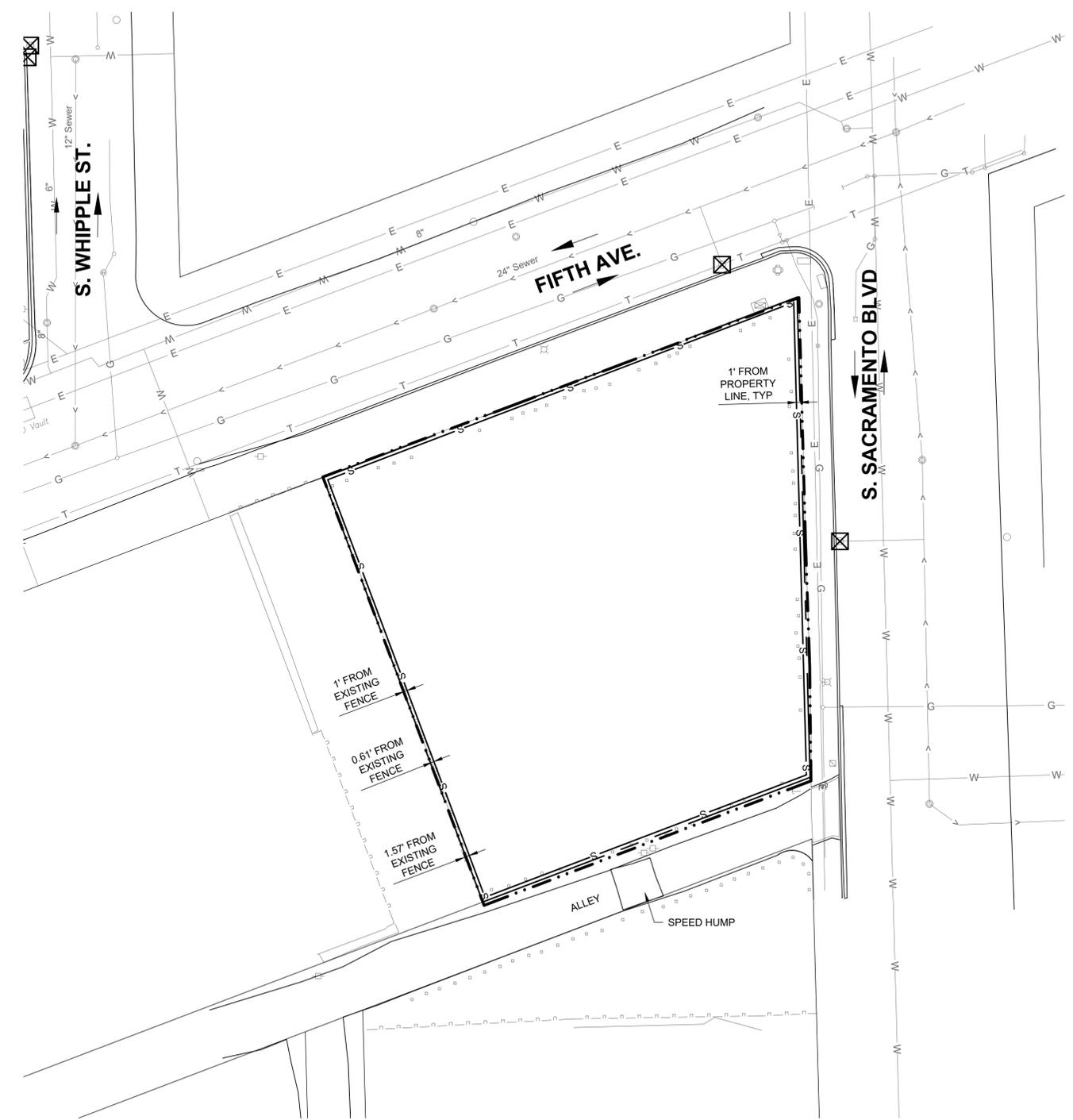


5TH AVENUE
ECO-ORCHARD

SCHEDULE OF QUANTITIES - PAY ITEM LIST

SPECIFICATION NO.	500594
DRAWING NO.	GN.03
PROJECT NO.	29530

ARCH D 24" x 36" Approved: _____ Checked: _____ Designer: _____ Project Management Initials: _____ Last Plotted: 2024-05-07 Last saved by: LEED12 CAD: C:\GIS\10_CAD\100-SHEETS\CISE.01.DWG

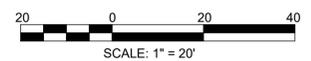
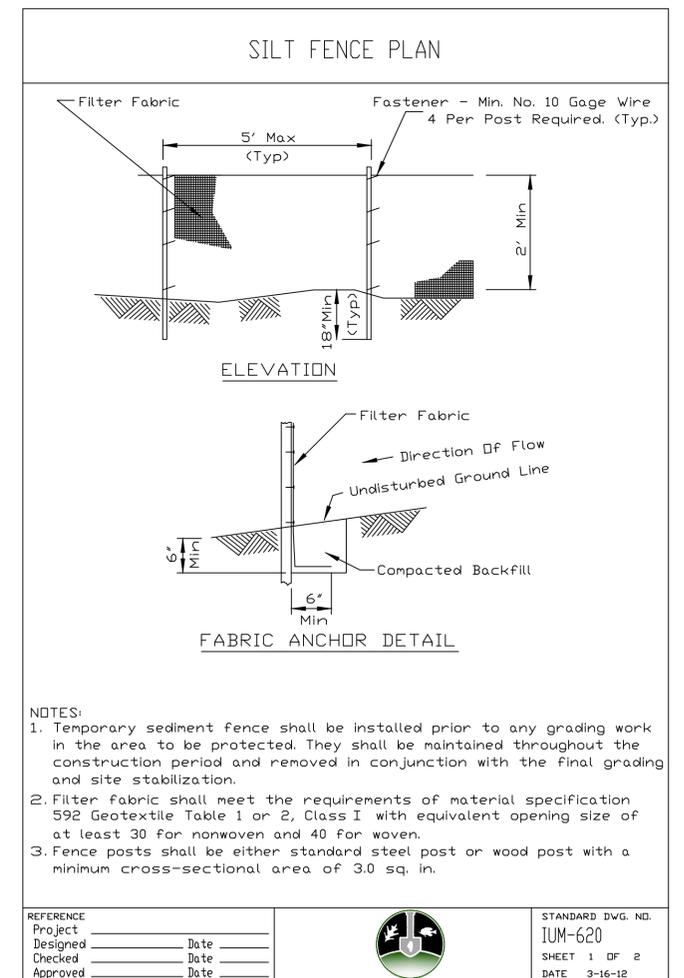
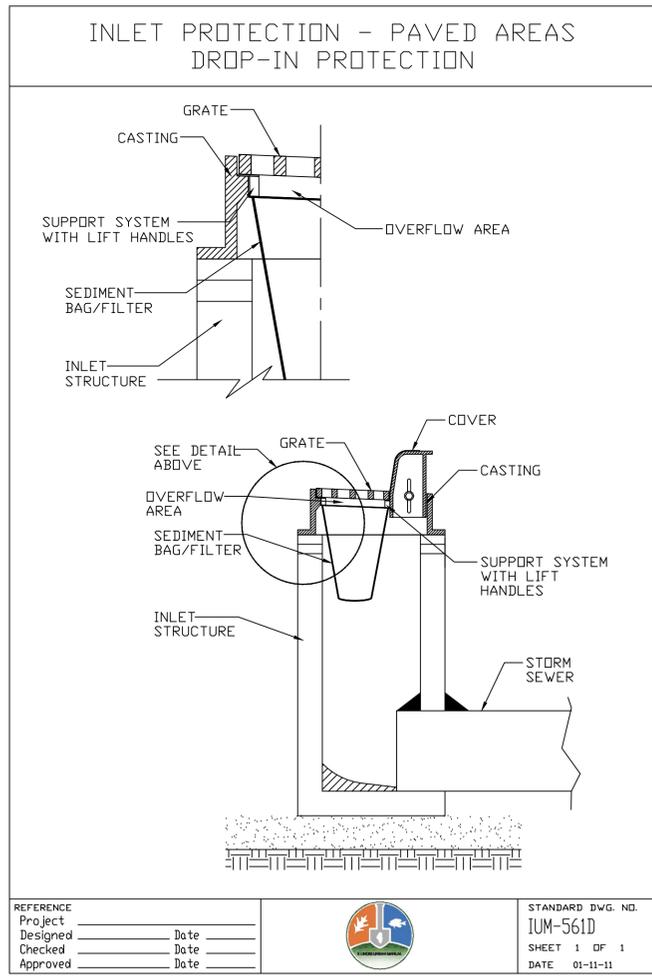


EROSION AND SEDIMENTATION CONTROL PLAN AND DETAILS
1" = 20'

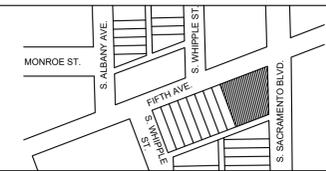
LEGEND

---	PROPERTY LINE
---	PROJECT LIMITS
---	PERIMETER EROSION BARRIER (SILT FENCE)
☒	INLET FILTER/PROTECTION

- NOTES:**
- ALL PERIMETER BARRIER PROTECTION MUST BE MAINTAINED AND ROUTINELY CLEANED DURING DEMOLITION AND CONSTRUCTION.
 - REFER TO SPECIFICATION SECTION 01 CONTROL FOR ADDITIONAL REQUIREMENTS.
 - TEMPORARY CHAIN LINK FENCE WITH SCREENING, 6', SHALL SECURE THE SITE PERIMETER WITH GATES AND STABILIZED CONSTRUCTION ENTRANCES, LOCATIONS TO BE DETERMINED BY CONTRACTOR.



DESIGN:				
DRAWN:				
CHECKED:				
APPROVED:				
DATE:	04/08/24			
SCALE:	SEE SHEET	1	LK	05/06/24 ISSUED FOR BID DOCUMENTS
FILE:	NO.	BY	DATE	DESCRIPTION
REVISIONS				



5TH AVENUE
ECO-ORCHARD

EROSION AND SEDIMENTATION
CONTROL PLAN AND DETAILS

SPECIFICATION NO.	500594
DRAWING NO.	SE.01
PROJECT NO.	29530

LEGEND

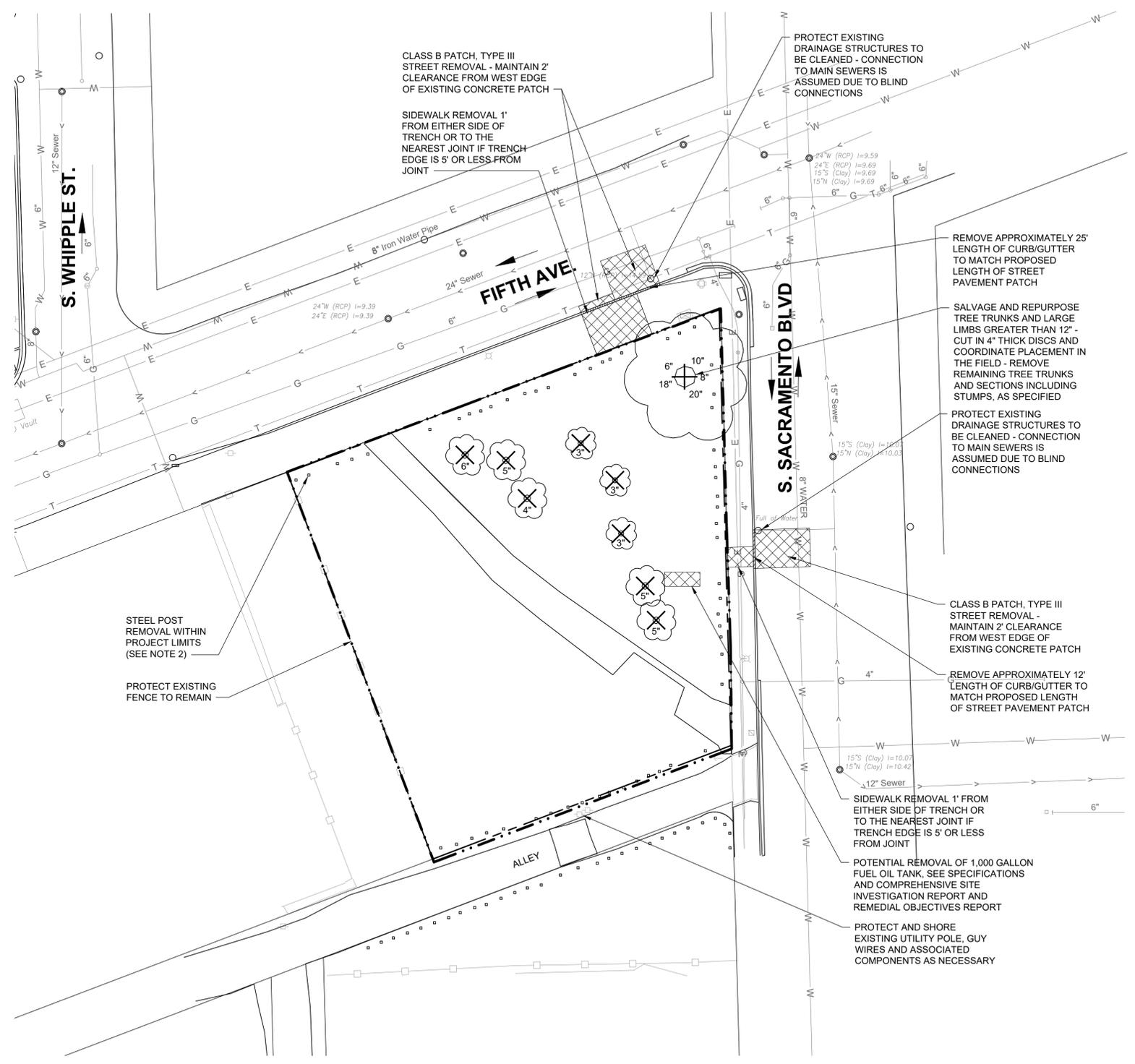
-  PROPERTY LINE
-  PROJECT SITE
-  REMOVE EX. PAVEMENT
-  REMOVE TREE
-  SALVAGE AND REPURPOSE TREE

NOTES:

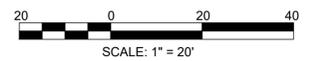
1. GRIND ALL TREE TRUNKS TO BELOW FINAL GRADES (TYPICALLY 18" TO 36") AS NECESSARY TO INSTALL WORK AS SHOWN IN THE PLANS.
2. REMOVE ALL STEEL POSTS AND FOOTINGS AS NEEDED TO COMPLETE REMEDIATION ACTIVITY TO FULL DEPTH AND AS NEEDED TO COMPLETE REMEDIATION ACTIVITY.
3. CONTRACTOR SHALL ENSURE THAT SUBGRADE BELOW EXISTING SIDEWALK, AT FENCE POST FOUNDATIONS AND ADJACENT UTILITY POLE IS NOT DISTURBED. ANY UNDERMINED PAVEMENT AND FOUNDATIONS (AND APPURTENANCES) SHALL BE REMOVED AND REPLACED IN FULL.
4. THE CONTRACTOR SHALL BE LIABLE FOR ANY DAMAGE CAUSED BEYOND THE CONSTRUCTION PROJECT LIMITS.
5. CONTRACTOR SHALL CLEAN EXISTING DRAINAGE STRUCTURES PER ITEM 25.



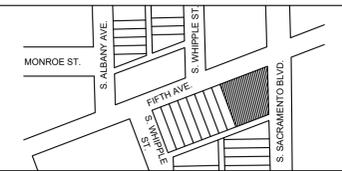
File name: Z:\CHICAGO-USCHG\LEGACY\USCHG1\FSD01\PRODD\PROJECT\S\60565652\900_CAD_GIS\910_CAD\CD0-SHEETS\CD0.1.DWG Last saved by: KOSTAMOL Last Plotted: 2024-05-07
 Project Management Initials: _____ Designer: _____ Checked: _____ Approved: _____ ARCH D 24" x 36"



DEMOLITION PLAN
1" = 20'



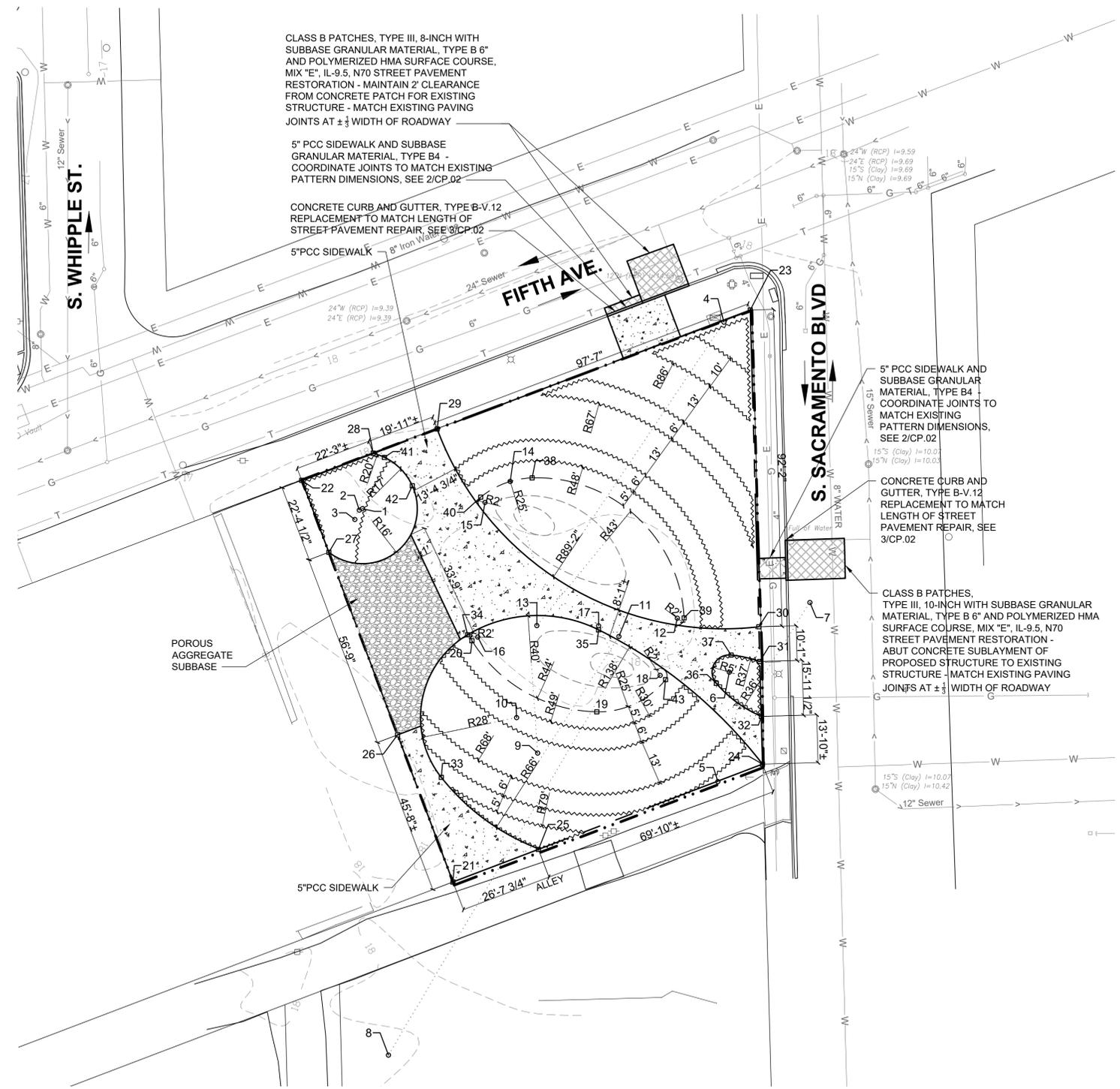
DESIGN:				
DRAWN:				
CHECKED:				
APPROVED:				
DATE:	04/08/24			
SCALE:	SEE SHEET	1	LK	05/06/24
FILE:				ISSUED FOR BID DOCUMENTS
	NO.	BY	DATE	DESCRIPTION
REVISIONS				



5TH AVENUE
ECO-ORCHARD

DEMOLITION PLAN	SPECIFICATION NO. 500594
	DRAWING NO. CD.01
	PROJECT NO. 29530

ARCH D 24" x 36" Approved: _____ Checked: _____ Designer: _____ Project Management Initials: _____
 File name: Z:\CHICAGO-USCHG\LEGACY\USCHG\FSD01\PRODD\PROJECTS\6058262900_CAD_GIS\910_CAD\00-SHEETS\C\CS.01.DWG Last saved by: KOSTAMOL Last Plotted: 2024-05-07



SITE GEOMETRY PLAN
1" = 20'

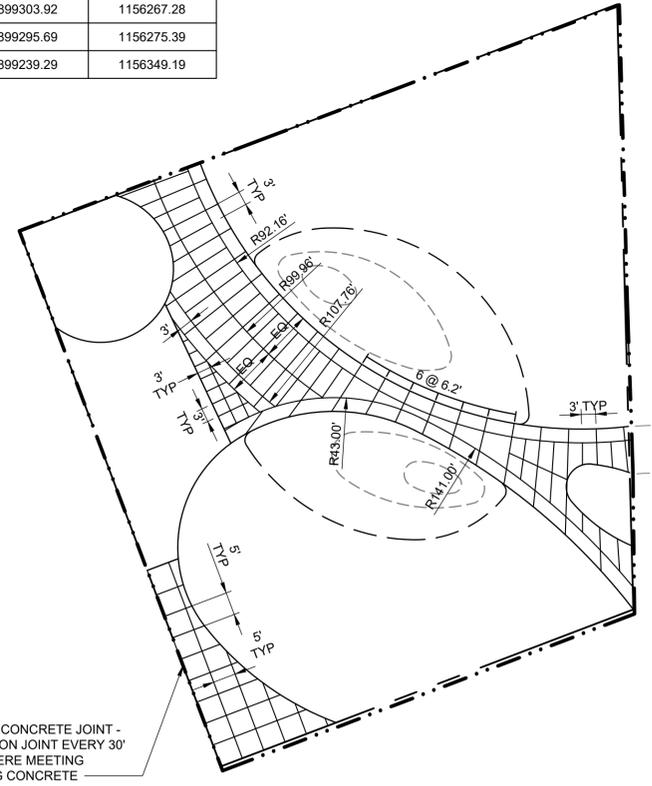
Point #	Northing	Easting
1	1899289.00	1156260.86
2	1899288.58	1156259.95
3	1899285.88	1156258.66
4	1899343.26	1156366.23
5	1899209.65	1156364.45
6	1899241.48	1156367.78
7	1899261.72	1156391.27
8	1899130.12	1156268.45
9	1899217.94	1156311.93
10	1899228.26	1156305.81
11	1899251.83	1156335.61
12	1899257.16	1156352.64
13	1899255.00	1156311.69
14	1899296.94	1156303.94
15	1899290.83	1156296.60
16	1899251.67	1156294.48
17	1899254.94	1156329.69
18	1899240.54	1156347.63

Point #	Northing	Easting
19	1899229.94	1156329.16
20	1899250.61	1156292.79
21	1899180.48	1156287.25
22	1899297.26	1156243.17
23	1899346.79	1156373.90
24	1899214.74	1156377.46
25	1899189.94	1156312.16
26	1899223.25	1156271.11
27	1899276.33	1156251.08
28	1899305.15	1156264.00
29	1899312.21	1156282.64
30	1899254.67	1156376.38
31	1899244.58	1156376.66
32	1899228.63	1156377.09
33	1899210.89	1156283.84
34	1899252.34	1156291.51
35	1899253.79	1156329.68
36	1899238.22	1156363.99
37	1899246.45	1156368.30
38	1899297.98	1156310.32
39	1899257.27	1156354.63
40	1899292.38	1156295.33
41	1899303.92	1156267.28
42	1899295.69	1156275.39
43	1899239.29	1156349.19

LEGEND

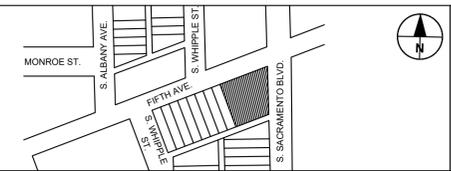
- PROPERTY LINE
- PROJECT LIMITS
- 5" PCC SIDEWALK, AND SUBBASE GRANULAR MATERIAL TYPE B4
- 5" PCC SIDEWALK AND AGGREGATE BASE COURSE, TYPE CA-6
- POROUS AGGREGATE SUBBASE
- ASPHALT STREET RESTORATION PER CDOT REQUIREMENTS (CDOT RULES AND REGULATIONS FOR CONSTRUCTION IN THE PUBLIC WAY)
- ARC CENTER POINT COORDINATES
- POINT COORDINATES

NOTE:
SEE SHEETS CE.01, CP.01 AND CP.02 FOR ADDITIONAL DETAILS.



PAVEMENT SCORING DETAIL
1" = 20'

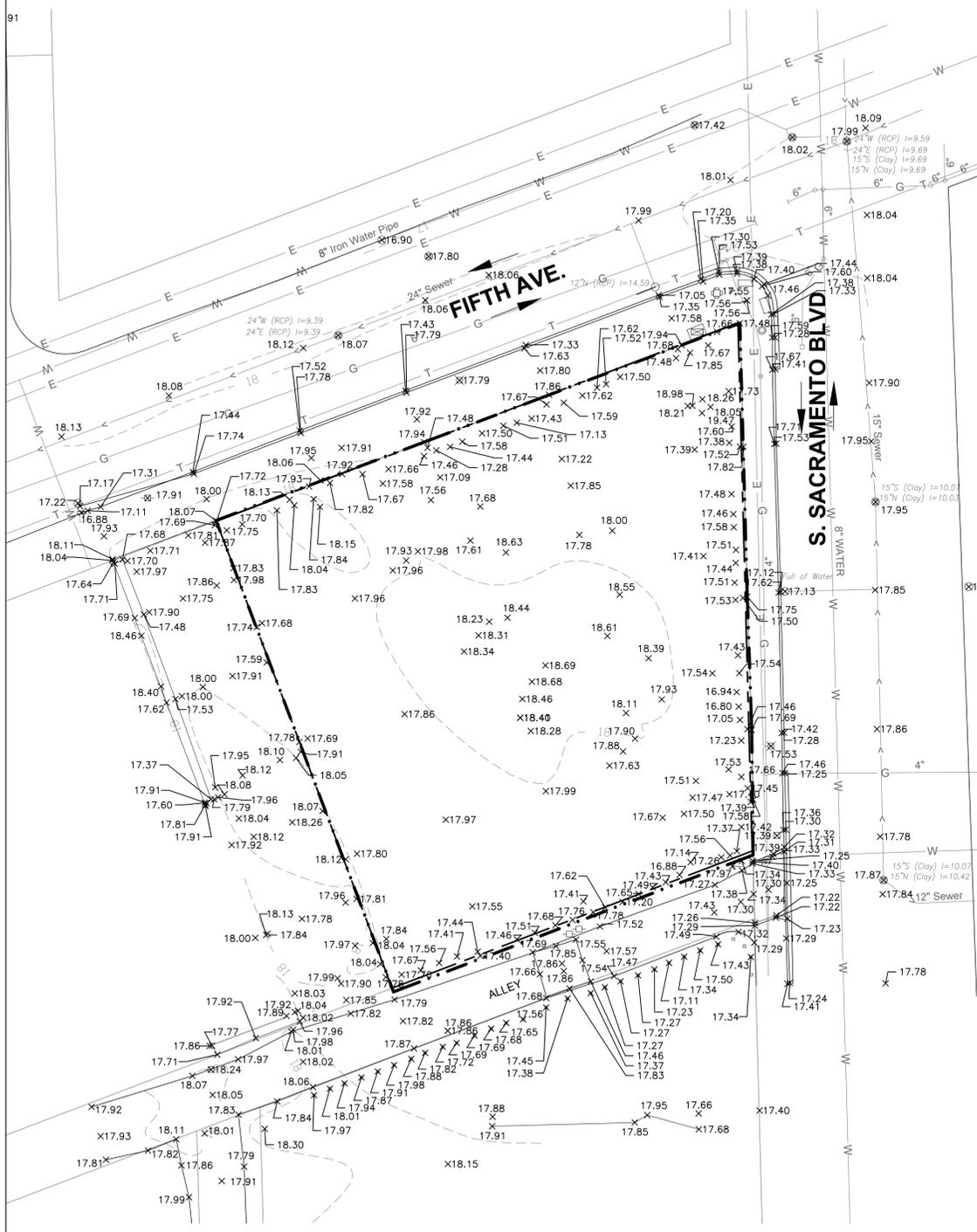
DESIGN:				
DRAWN:				
CHECKED:				
APPROVED:				
DATE:	04/08/24			
SCALE:	SEE SHEET	1	LK	05/06/24
FILE:				ISSUED FOR BID DOCUMENTS
	NO.	BY	DATE	DESCRIPTION
REVISIONS				



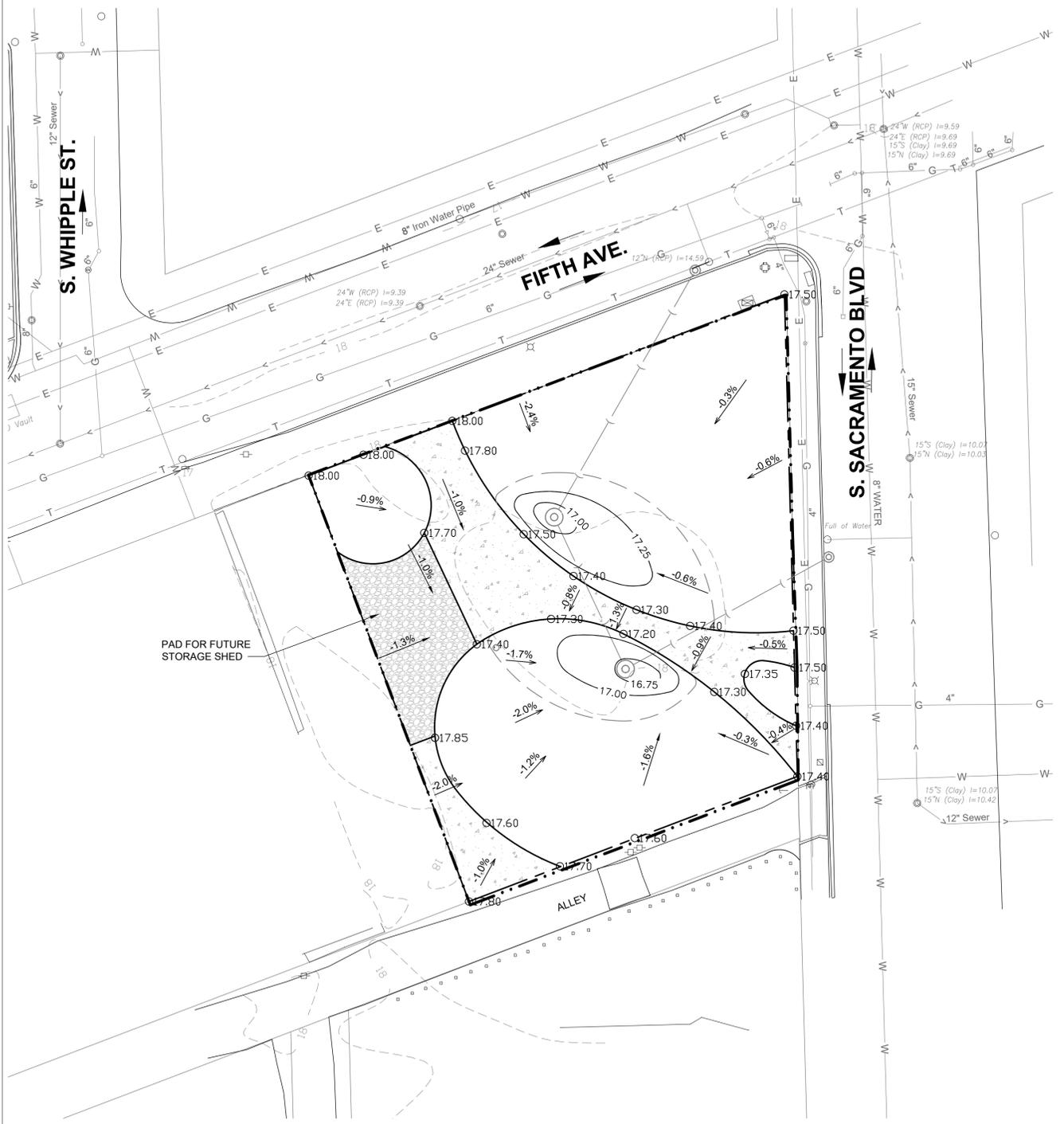
5TH AVENUE
ECO-ORCHARD

SITE GEOMETRY PLAN	SPECIFICATION NO. 500594
	DRAWING NO. CS.01
	PROJECT NO. 29530

File name: Z:\CHICAGO-USCHG\LEGACY\USCHG\FS01\PRODD\PROJECTS\6058252900_CAD_GIS\910_CAD\00-SHEETS\CVC01.DWG Last saved by: KOSTAMOL Last Plotted: 2024-05-07
 Project Management Initials: Designer: Checked: Approved: ARCH D 24" x 36"



EXISTING TOPOGRAPHY PLAN
1" = 20'

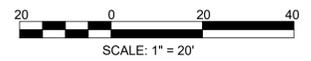


SITE GRADING PLAN
1" = 20'

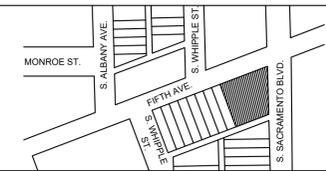
LEGEND

x 17.85	EXISTING ELEVATION
o 17.40	PROPOSED ELEVATION
← -0.9%	SURFACE FLOW

- NOTES:**
1. PRIOR TO EXCAVATION OF SITE SOIL, PROVIDE TEMPORARY BRACING OF AUXILIARY POSTS, FENCES, PUBLIC SIDEWALK AND ANY OTHER ADJACENT STRUCTURES. AVOID EXCAVATION BELOW FOUNDATION OF ADJACENT STRUCTURES TO PREVENT UNDERMINING CONDITIONS.
 2. SEE SHEET LP.02 FOR SURFACE COVER AREAS AS IT APPLIES TO THESE REQUIREMENTS. SEE ENVIRONMENTAL EXCAVATION AND FILL DETAILS ON SHEETS CE.01 AND CP.01.
 3. FINISHED GRADES FOR VEGETATED AREAS SHALL BE AT TOP OF ENGINEERED TOP SOIL PRIOR TO MULCH AND WOOD CHIP INSTALLATION.



DESIGN:				
DRAWN:				
CHECKED:				
APPROVED:				
DATE:	04/08/24			
SCALE:	SEE SHEET	1	LK	05/06/24
FILE:				ISSUED FOR BID DOCUMENTS
	NO.	BY	DATE	DESCRIPTION
REVISIONS				

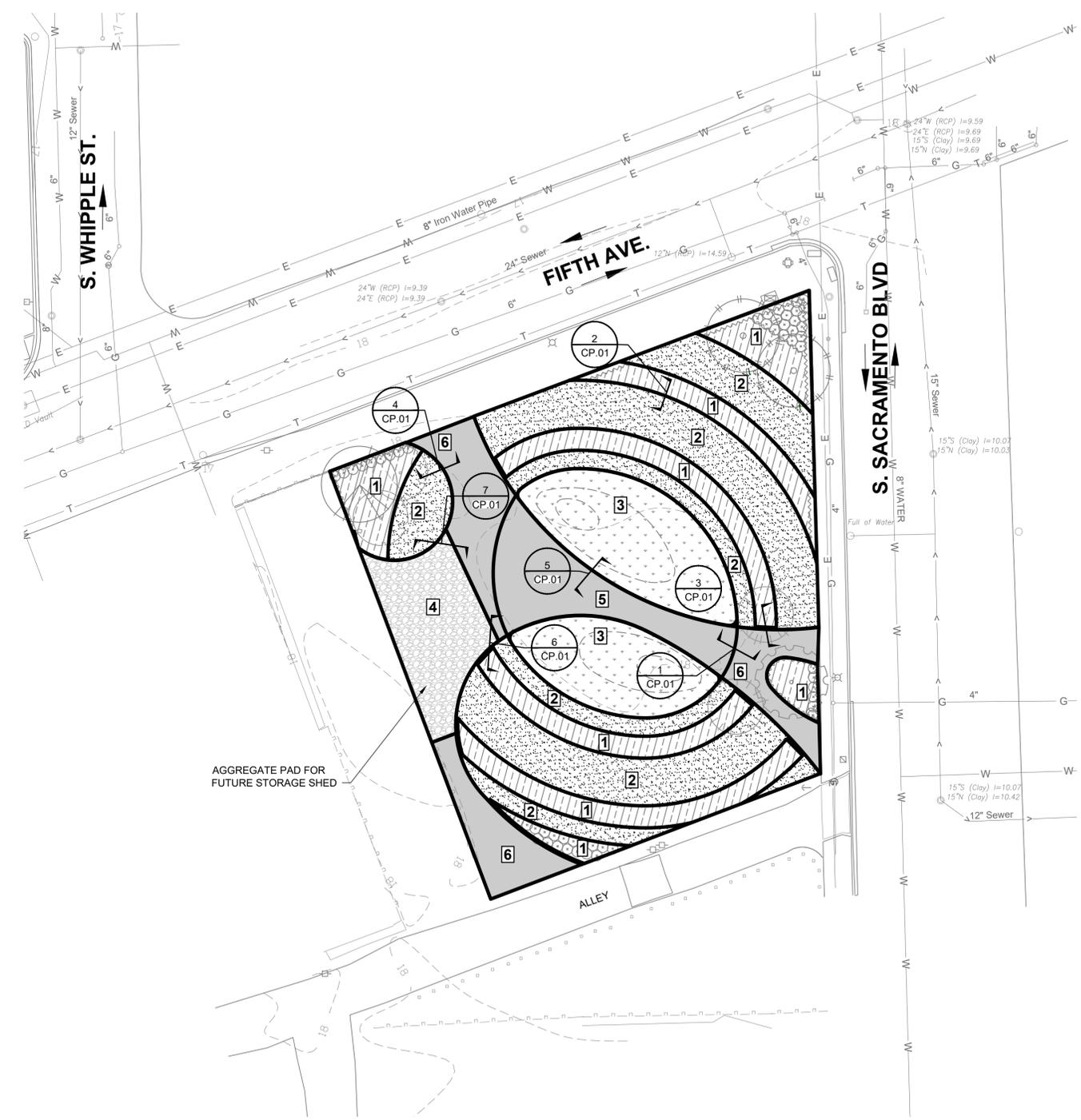


5TH AVENUE
ECO-ORCHARD

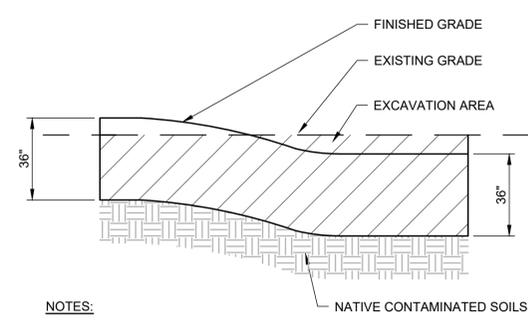
SITE GRADING PLAN

SPECIFICATION NO.	500594
DRAWING NO.	CG.01
PROJECT NO.	29530

ARCH D 24" x 36" Approved: _____ Checked: _____ Designer: _____ Project Management Initials: _____ Last Plotted: 2024-05-07 Last saved by: KOSTAMOL

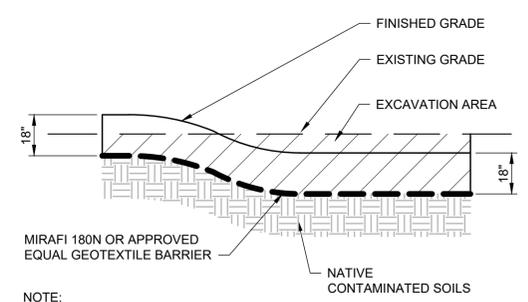


EXCAVATION AND SOILS BACKFILL PLAN
1" = 20'



- NOTES:**
1. FINISHED SURFACE GRADE SHALL BE A MINIMUM OF 36" ABOVE CONTAMINATED SOIL AND BELOW MULCH/WOOD CHIP LAYER.
 2. EARTHWORK, EARTHWORK DISPOSAL AND BACKFILL IS BASED ON CONTRACT DOCUMENTS - SEE IDOT STANDARD SPECIFICATIONS 202.07, 351.11, AND SPECIAL PROVISIONS; ADDITIONAL COSTS DUE TO OVEREXCAVATION CONVENIENCE WILL NOT BE PERMITTED.
 3. SEE CP.01 FOR ADDITIONAL DETAILS.

1 REPRESENTATIVE MINIMUM SEPARATION SCHEMATIC - VEGETATED AREAS WITHOUT BARRIER
NOT TO SCALE



- NOTE:**
1. FINISHED SURFACE GRADE SHALL BE A MINIMUM OF 18" ABOVE CONTAMINATED SOIL. GEOTEXTILE BARRIER SHALL BE PLACED BETWEEN THE FILL MATERIAL AND CONTAMINATED SOIL AND BELOW MULCH/WOOD CHIP LAYER.
 2. EARTHWORK, EARTHWORK DISPOSAL AND BACKFILL IS BASED ON CONTRACT DOCUMENTS - SEE IDOT STANDARD SPECIFICATIONS 202.07, 351.11, AND SPECIAL PROVISIONS; ADDITIONAL COSTS DUE TO OVEREXCAVATION CONVENIENCE WILL NOT BE PERMITTED.
 3. SEE CP.01 FOR ADDITIONAL DETAILS.

2 REPRESENTATIVE MINIMUM SEPARATION SCHEMATIC - VEGETATED AREAS WITH BARRIER
NOT TO SCALE

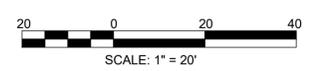
LEGEND

ITEMS 1 THROUGH 6 DETAIL THE EXCAVATION DEPTH AND BACKFILL MATERIALS ALONG WITH GEOTEXTILE BARRIER AND FILTER FABRIC INSTALLATION FOR SITE AREAS AS SHOWN.

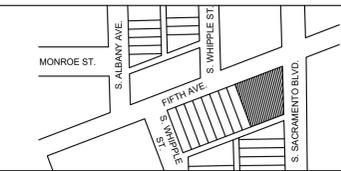
- 1** A. 36" ENGINEERED TOPSOIL
- 2** A. WOOD CHIPS
B. 18" ENGINEERED TOPSOIL
C. FILTER FABRIC
D. 18" AGGREGATE, TYPE CA-7
- 3** A. 18" ENGINEERED TOPSOIL
B. FILTER FABRIC
C. 18" AGGREGATE, TYPE CA-7
- 4** A. 18" POROUS AGGREGATE SUBBASE
B. FILTER FABRIC
C. 18" AGGREGATE, TYPE CA-7
- 5** A. 5" PCC SIDEWALK
B. 6" AGGREGATE BASE COURSE, TYPE CA-6
C. FILTER FABRIC
D. 25" AGGREGATE, TYPE CA-7
- 6** A. 5" PCC SIDEWALK
B. 6" AGGREGATE BASE COURSE, TYPE CA-6

CONCRETE PAVED AREA. NO ADDITIONAL OVEREXCAVATION IS REQUIRED BELOW AREAS THAT ARE TO BE FINISHED WITH CONCRETE OR ASPHALT, SEE CP.01.

- NOTES:**
1. THE ENGINEER MUST BE PRESENT WHEN EXCAVATION ACTIVITIES TAKE PLACE WITHIN 5 FEET OF FOUNDATIONS/ EXISTING STRUCTURES TO REMAIN. ANY EXCAVATIONS ACTIVITY WITHIN 3 FEET OF FOUNDATIONS/ EXISTING STRUCTURES TO REMAIN SHALL BE HAND DUG.
 2. ALL CA-7 TO BE WASHED AND FREE OF FINES.
 3. SEE BOOK 3 FOR ENGINEERING TOPSOIL AND GEOTEXTILE BARRIER/FILTER FABRIC SPECIFICATIONS.
 4. EARTHWORK, EARTHWORK DISPOSAL AND BACKFILL IS BASED ON CONTRACT QUANTITIES - SEE IDOT STANDARD SPECIFICATIONS 202.07, 351.11 AND SPECIAL PROVISIONS.
 5. SEE SHEET CP.01 FOR DETAIL SECTIONS.
 6. THE CONTRACTOR SHALL MEET THE FOLLOWING REQUIREMENTS FOR EXCAVATION AND FILL OF ALL SITE AREAS WITH SOIL CONTAMINATION.
 - a. VEGETATED AND PLANTED AREAS: INCLUDES TREES, POROUS AGGREGATE, AGGREGATE TYPE CA-7, AND NATURALIZED PLANTINGS. 36" OF SEPARATION BETWEEN THE FINISHED SURFACE GRADE AND THE CONTAMINATED SOIL.
 - b. VEGETATED AND PLANTED AREAS WITH BARRIER: INCLUDES FESCUE-TURF, AGGREGATE TYPE CA-7, AND NATURALIZED PLANTINGS. 18" OF SEPARATION BETWEEN THE FINISHED SURFACE GRADE AND THE CONTAMINATED SOIL. GEOTEXTILE FABRIC BARRIER SHALL BE PLACED BETWEEN THE FILL MATERIAL AND CONTAMINATED SOIL.
 - c. FINISHED SURFACE GRADES FOR VEGETATED AREAS SHALL BE AT TOP OF ENGINEERED TOPSOIL PRIOR TO MULCH AND WOOD CHIP INSTALLATION; MULCH AND WOOD CHIPS ARE NOT INCLUDED IN 18-36" REMEDIATION BARRIER.



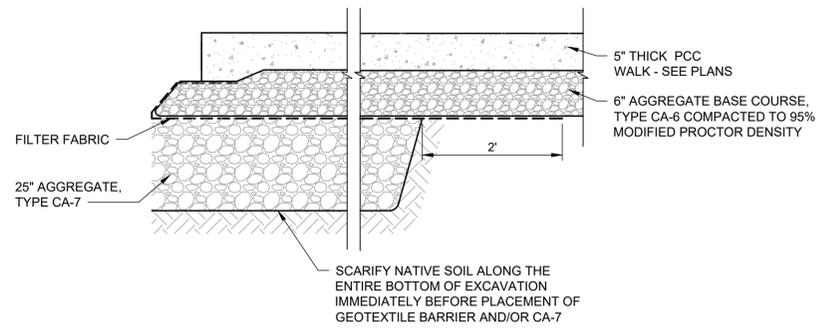
DESIGN:				
DRAWN:				
CHECKED:				
APPROVED:				
DATE:	04/08/24			
SCALE:	SEE SHEET			
FILE:				
	NO.	BY	DATE	DESCRIPTION
REVISIONS				



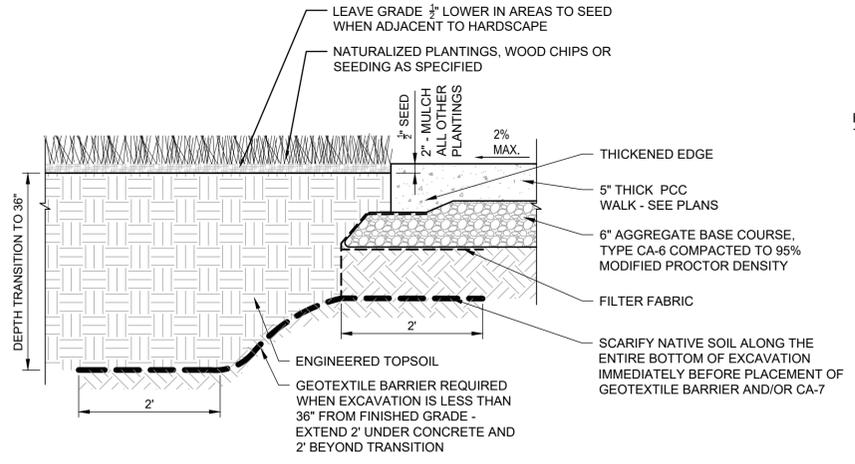
5TH AVENUE
ECO-ORCHARD

EXCAVATION AND SOILS BACKFILL
PLAN

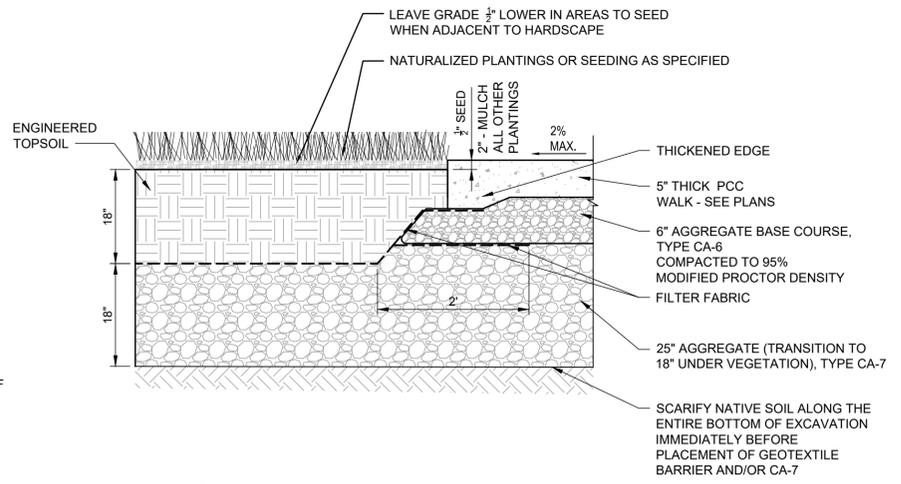
SPECIFICATION NO.	500594
DRAWING NO.	CE.01
PROJECT NO.	29530



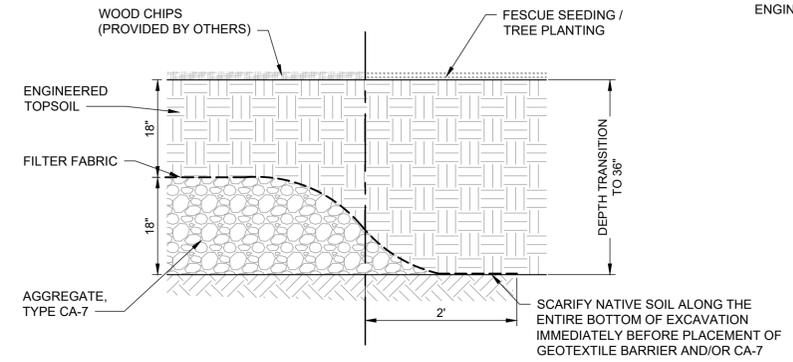
1 CONCRETE PAVEMENT DETAIL AND SUBBASE TRANSITION
NOT TO SCALE



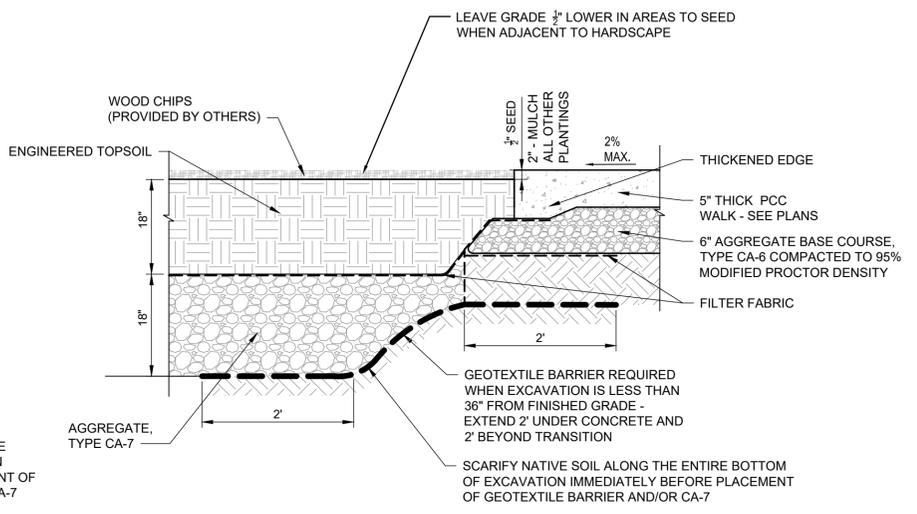
3 CONCRETE PAVEMENT DETAIL/TRANSITION - A
NOT TO SCALE



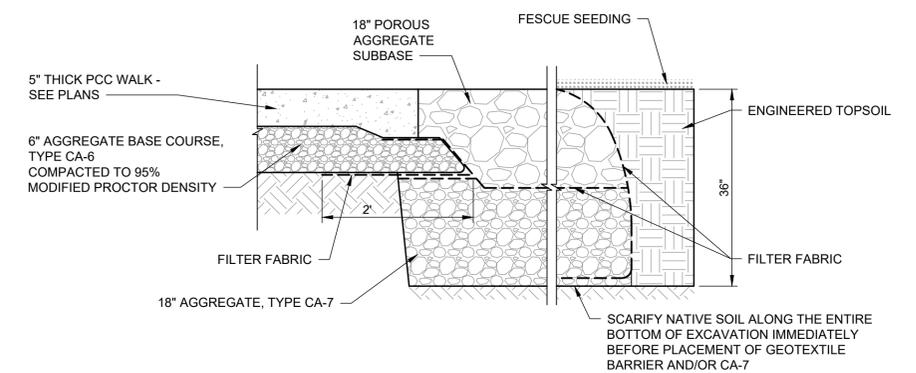
5 CONCRETE DETAIL/PAVEMENT TRANSITION - C
NOT TO SCALE



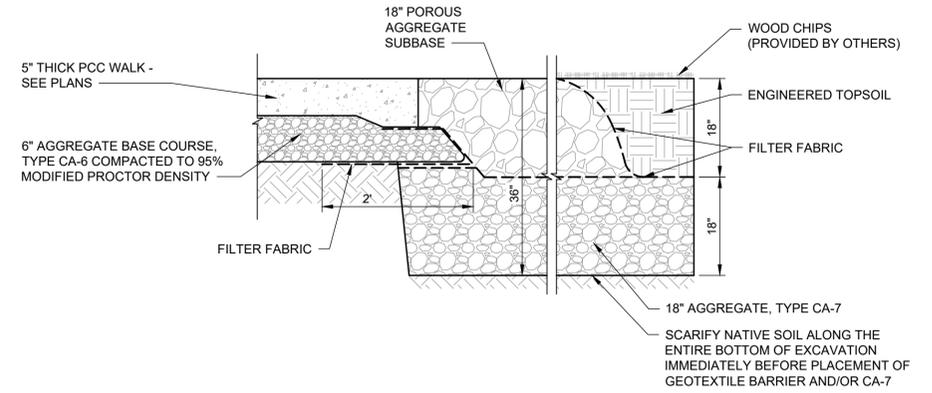
2 WOOD CHIP PATH AND FESCUE SEEDING DETAIL/TRANSITION
NOT TO SCALE



4 CONCRETE PAVEMENT DETAIL/TRANSITION - B
NOT TO SCALE



6 AGGREGATE BASE DETAIL/TRANSITION - A
NOT TO SCALE



7 AGGREGATE BASE DETAIL/TRANSITION - B
NOT TO SCALE

DESIGN:				
DRAWN:				
CHECKED:				
APPROVED:				
DATE:	04/08/24			
SCALE:	SEE SHEET	1	LK	05/06/24
FILE:				
	NO.	BY	DATE	DESCRIPTION
REVISIONS				

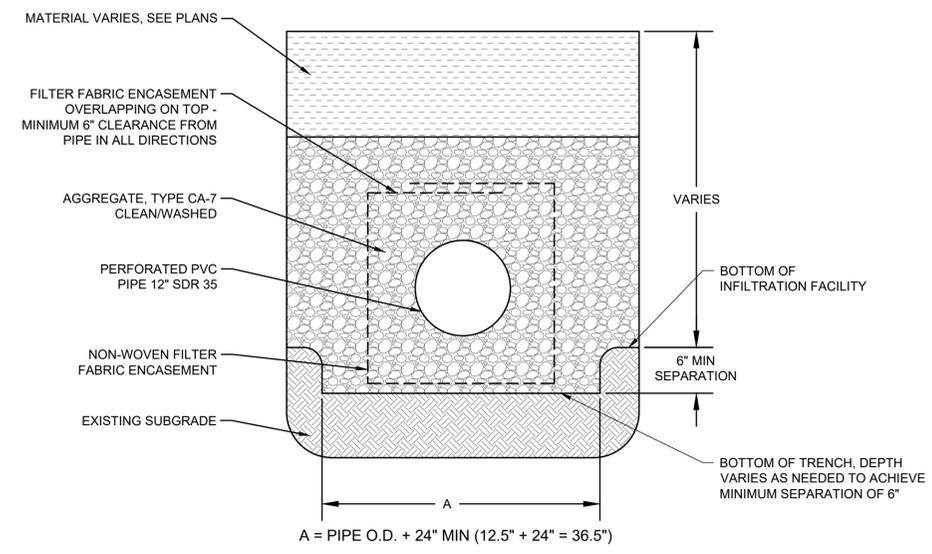


5TH AVENUE
ECO-ORCHARD

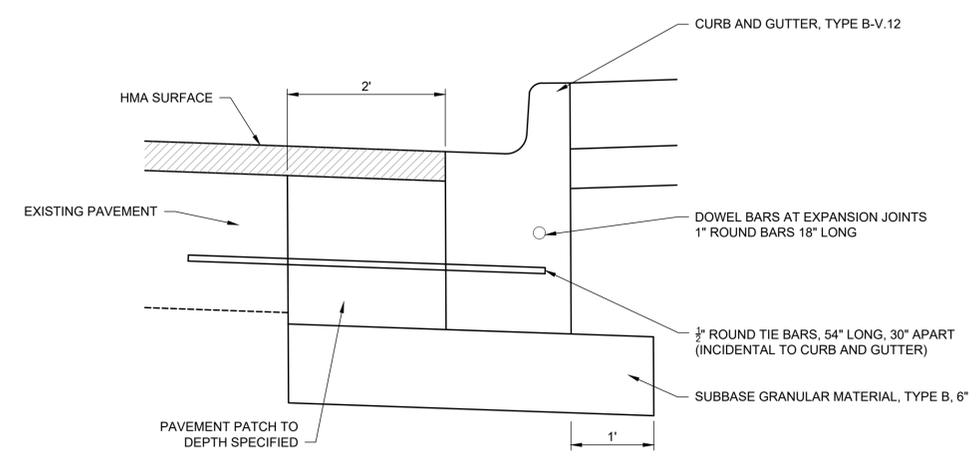
CIVIL PAVEMENT DETAILS - 1

SPECIFICATION NO.	500594
DRAWING NO.	CP.01
PROJECT NO.	29530

ARCH D 24" x 36" Approved: _____ Checked: _____ Designer: _____ Project Management Initials: _____ Last Plotted: 2024-05-07 Last saved by: KOSTAMOL



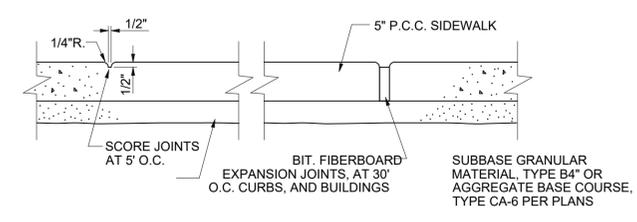
1 PERFORATED SUBSURFACE DRAIN PIPE
NOT TO SCALE



3 CONCRETE CURB INSTALLATION AT PAVEMENT REMOVAL AND REPLACEMENT DETAIL
NOT TO SCALE

SIDEWALK DETAIL

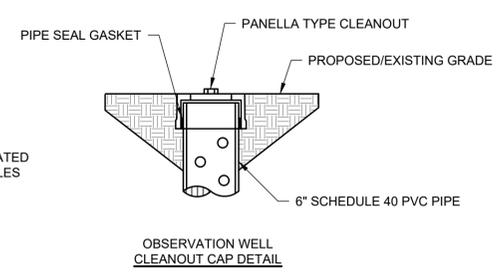
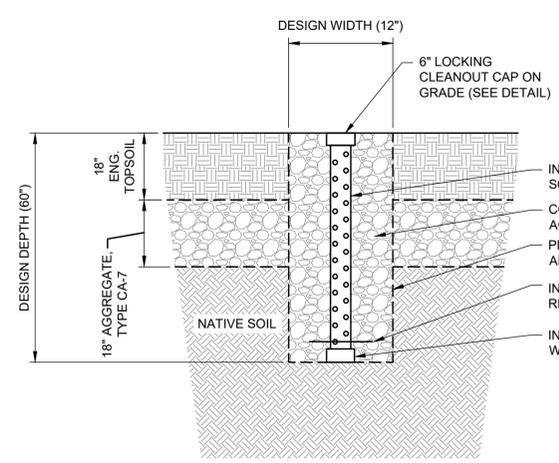
- NOTES:
- ALL POURS MUST BE SEPARATE. NO MONOLITHIC POURS WITH CURB & GUTTER, DRIVEWAY APPROACHES, AND SIDEWALKS.
 - ALL SAWCUTS ARE TO BE FULL DEPTH.
 - PROTECTIVE CONCRETE SEALER SHALL BE INSTALLED ON ALL CONCRETE WORK.
 - INSTALL CONTRACTION JOINTS 1/2" WIDE EVERY FIVE (5) LINEAL FEET.
 - INSTALL EXPANSION MATERIAL EVERY FIFTY (50) LINEAL FEET, UNO.
 - INSTALL EXPANSION MATERIAL BETWEEN THE SIDEWALKS AND ALL STRUCTURES SUCH AS LIGHT STANDARDS, TRAFFIC SIGNAL STANDARDS, POLES, COLUMNS, OR ANY STRUCTURE WHICH EXTENDS THROUGH THE SIDEWALK.
 - SIDEWALK THICKNESS:
 - 5" EVERYWHERE, EXCEPT WHERE DRIVEWAYS CROSS SIDEWALKS.
 - 6" WHERE RESIDENTIAL DRIVEWAYS CROSS SIDEWALKS.
 - 8" WHERE COMMERCIAL DRIVEWAYS CROSS SIDEWALKS.
 - COST TO INCREASE SIDEWALK THICKNESS TO 6" AT RESIDENTIAL DRIVEWAYS SHALL BE CONSIDERED INCIDENTAL TO PCC SIDEWALK 5".



STANDARD PCC SIDEWALK SECTION

- NOTES:
- SEE DRAWINGS FOR SIDEWALK WIDTH.
 - AT TRENCH CROSSINGS, PLACE 3 EACH, 10' LONG BY 3/4" THICK REINFORCING BARS, EQUALLY SPACED, AND CENTERED OVER TRENCH.
 - INCREASE CONCRETE THICKNESS TO 6" AT TRENCH CROSSINGS

2 SIDEWALK DETAILS
NOT TO SCALE



- NOTES:
- PERFORATIONS SHALL BE 3/8" CIRCULAR HOLES, 4" ON CENTER, 90° AROUND PIPE.
 - PIPES/FITTINGS SHALL BE SCHEDULE 40 PVC OR HIGHER QUALITY, 6" DIAMETER MINIMUM.

WITHOUT UNDERDRAIN
(SOIL INFILTRATION CAPACITY < 0.5 IN/HR)

4 OBSERVATION WELL DETAIL (MWRD)
NOT TO SCALE

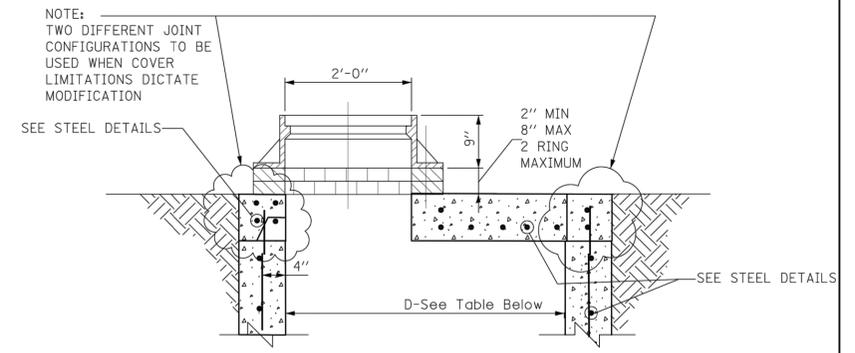
DESIGN:				
DRAWN:				
CHECKED:				
APPROVED:				
DATE:	04/08/24			
SCALE:	SEE SHEET	1 LK	05/06/24	ISSUED FOR BID DOCUMENTS
FILE:				
	NO.	BY	DATE	DESCRIPTION
				REVISIONS



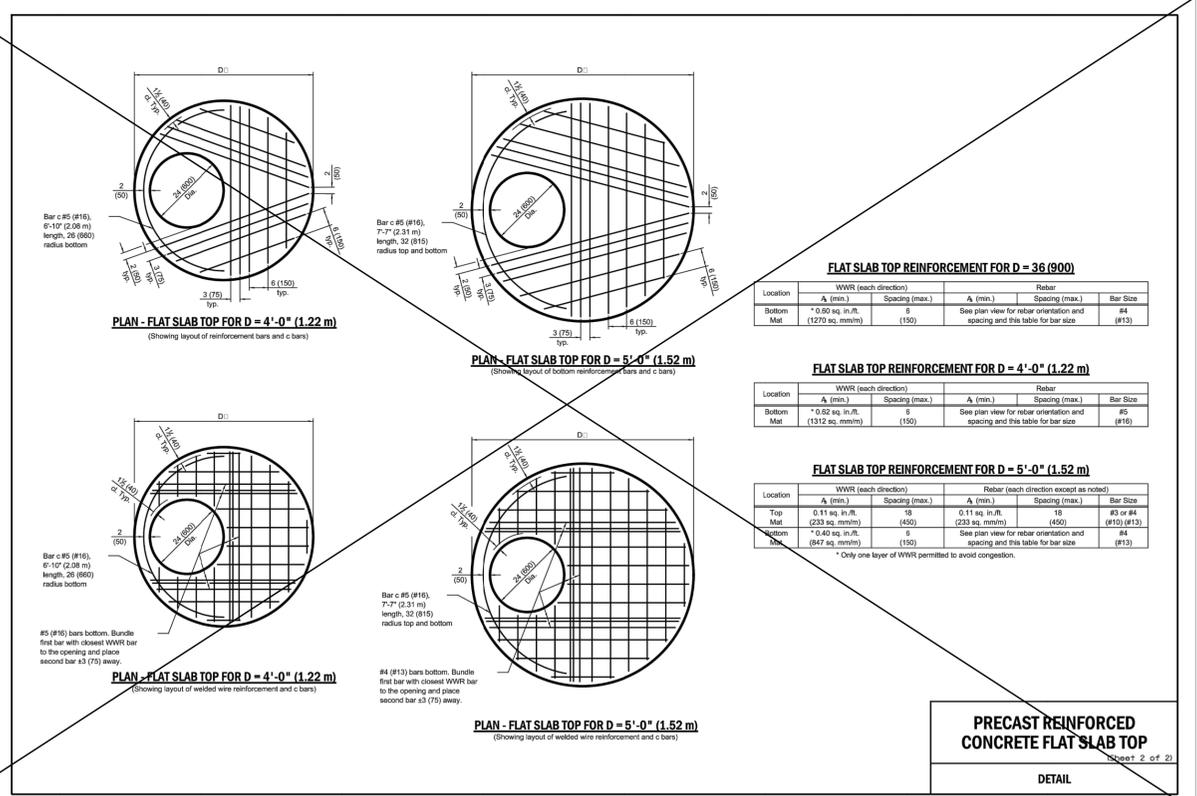
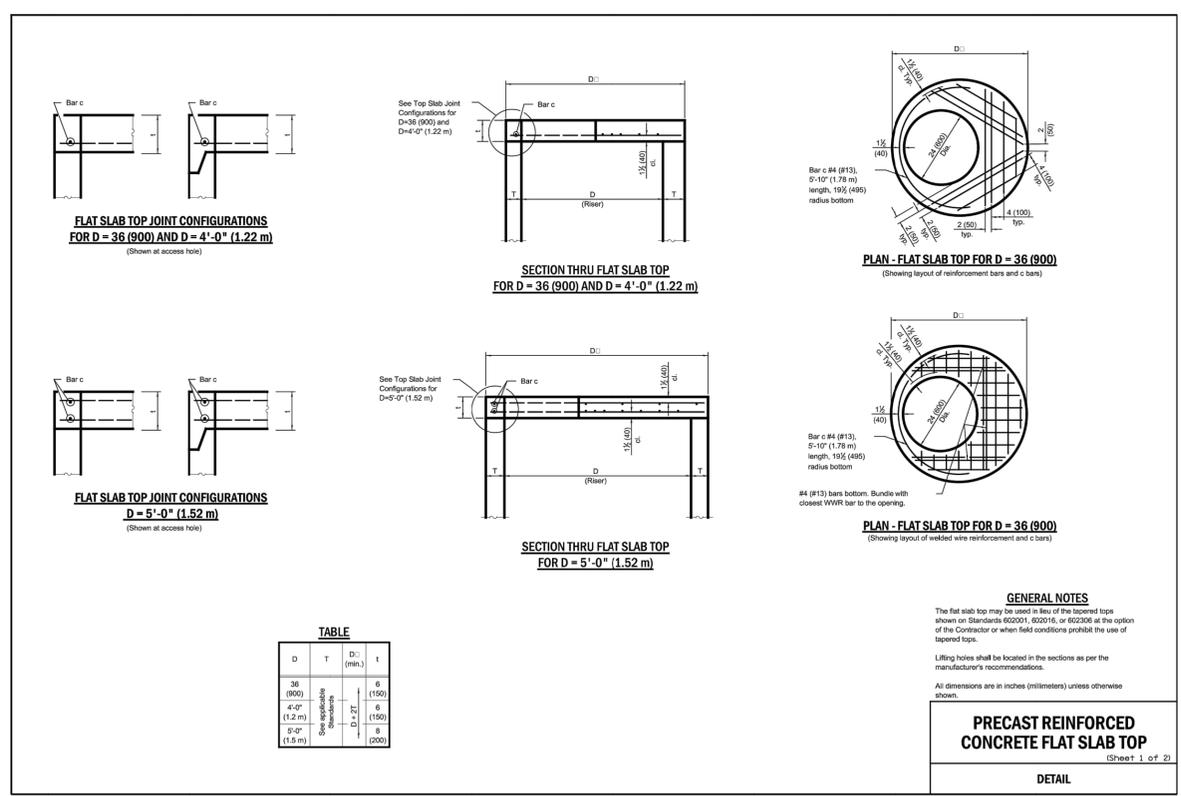
5TH AVENUE
ECO-ORCHARD

CIVIL PAVEMENT DETAILS - 2

SPECIFICATION NO.	500594
DRAWING NO.	CP.02
PROJECT NO.	29530



STANDARD FLAT TOP SLAB FOR CATCH BASINS



NOTES:
FLAT TOP SLAB APPLICATION CAN ONLY BE USED WITH WRITTEN PERMISSION FROM CDWM. USE LATEST IDOT DETAIL, #602601-06, AS REFERENCED ON THE IDOT WEBSITE.

STANDARD REVISIONS	
DATE	DESCRIPTION
4/22/21	APPROVED PLAN

PERCENT COMPLETE	DATE
30	
60	
75	
90	
100	
BULLETIN	

CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT BUREAU OF ENGINEERING SERVICES		DESIGNER: _____ CHECKED: _____ REVIEWED: _____
FLAT TOP SLAB DETAILS		A.20
		OF _____
		PN _____

DESIGN: _____			
DRAWN: VALUE			
CHECKED: _____			
APPROVED: _____			
DATE: 04/08/24			
SCALE: SEE SHEET	1 LK	05/06/24	ISSUED FOR BID DOCUMENTS
FILE: _____	NO.	BY	DATE
			DESCRIPTION
			REVISIONS



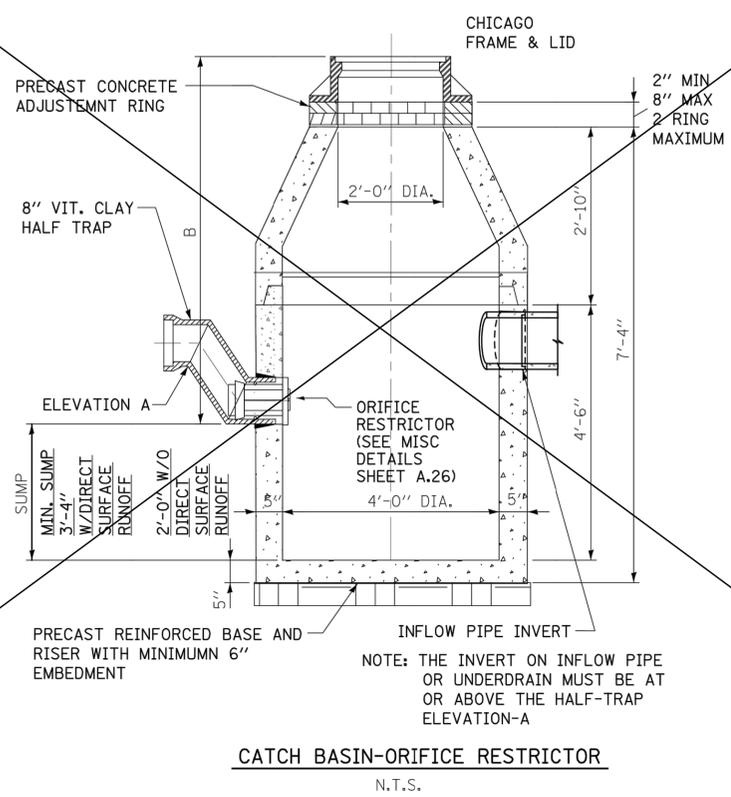
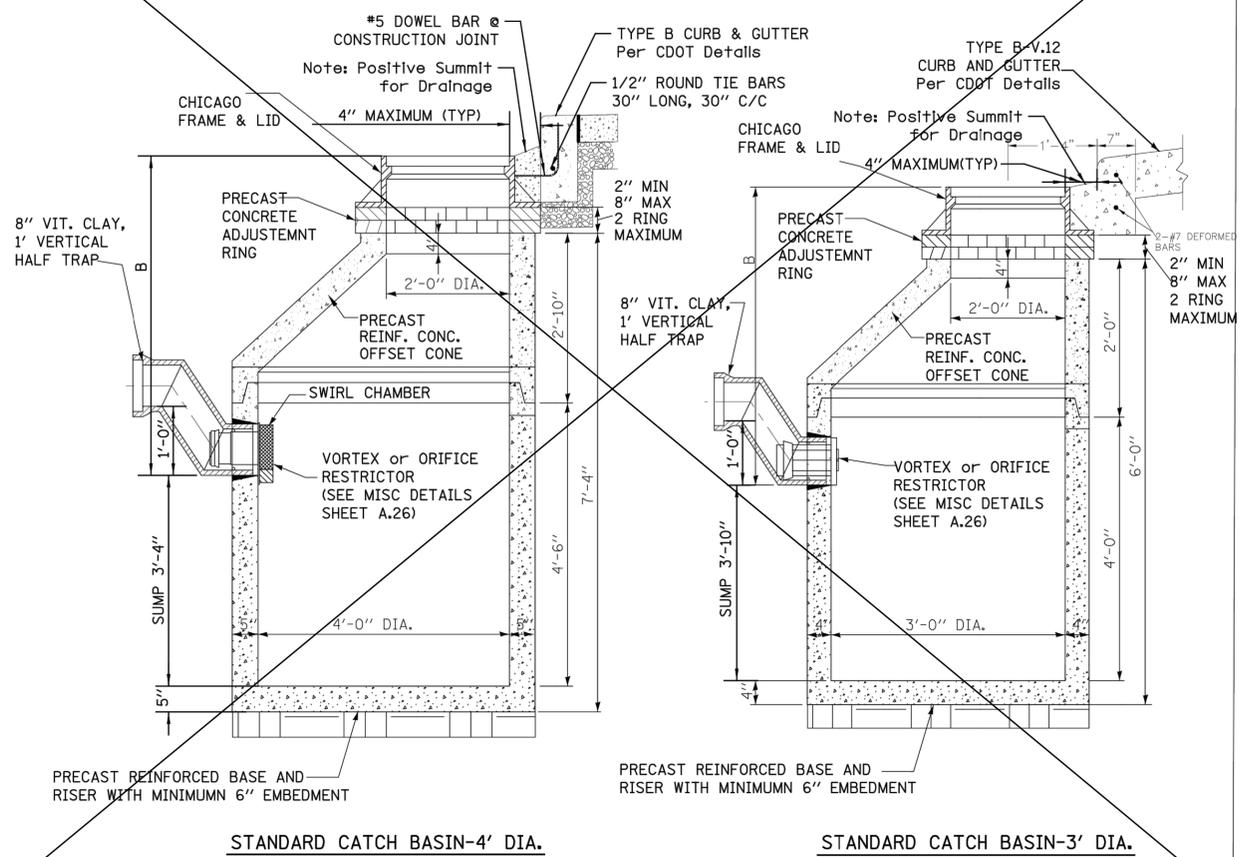
5TH AVENUE
ECO-ORCHARD

CIVIL CONSTRUCTION DETAILS - 2

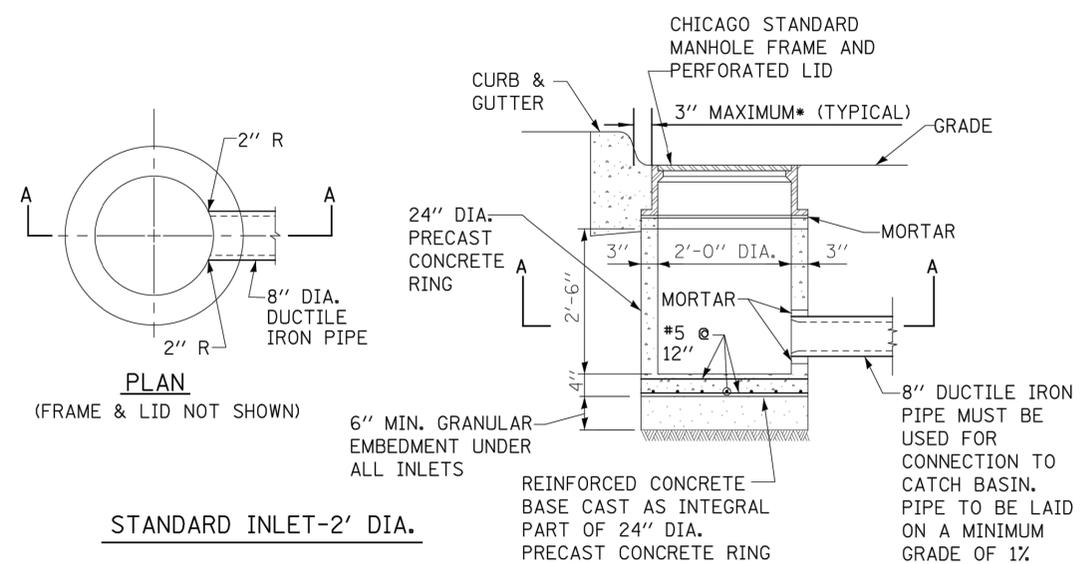
SPECIFICATION NO. 500594
DRAWING NO. CC.02
PROJECT NO. 29530

STANDARD DRAINAGE STRUCTURES FOR PUBLIC STREETS

STANDARD DRAINAGE STRUCTURES FOR PUBLIC ALLEYS



- GENERAL NOTES:**
- CATCH BASIN TO CATCH BASIN CONNECTIONS ARE ALLOWED IN PRIVATE SITES & ALLEYS. ONLY THE DOWNSTREAM CATCH BASIN IS REQUIRED TO HAVE A HALF-TRAP.
 - IF B < 4 FEET, THEN USE A FLAT TOP SLAB CATCH BASIN AS NECESSARY.
 - FOR TRENCH BACKFILL, REFER TO IDOT SSRBC, ARTICLE 1003.04.
 - FOR GRANULAR EMBEDMENT, USE CA-11, CRUSHED GRAVEL, CRUSHED STONE, OR CRUSHED CONCRETE.
 - FOR STABILIZATION STONE, 12" OF CA-1 STONE IS ONLY REQUIRED WHEN UNSTABLE MATERIAL IS ENCOUNTERED AT TRENCH BOTTOM.
 - INLETS AND 3' DIAMETER CATCH BASINS ARE TO BE USED ONLY WITH PRIOR APPROVAL OF THE DEPT OF WATER MANAGEMENT- ENGINEERING SERVICES, SEWER SECTION, AND THE DEPT. OF BUILDINGS STORMWATER REVIEWER.
 - IF COVER OVER VCP IS LESS THAN 3', USE 45 DEGREE DIP BENDS WITH 1 FOOT DROP AS HALF TRAPS AS NEEDED FOR IEPA CLEARANCE REQUIREMENTS



STANDARD REVISIONS		PERCENT COMPLETE	DATE	CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT BUREAU OF ENGINEERING SERVICES	DRAWN: [] DESIGNED: [] CHECKED: [] REVIEWED: []
DATE	DESCRIPTION				
2/7/21	APPROVED	30		DRAINAGE STRUCTURE DETAILS	A.22
		60			
		75			
		90			
		100			
		BULLETIN			PN []

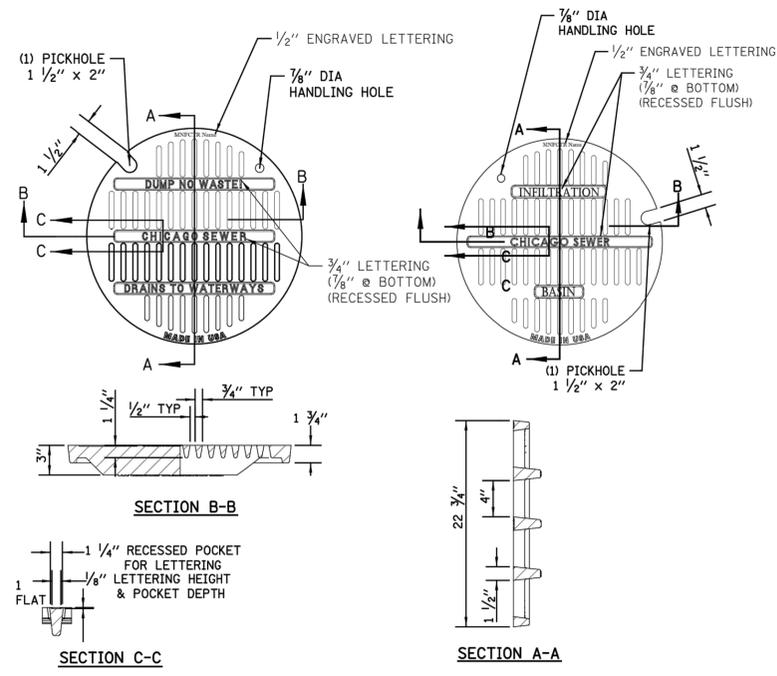
DESIGN:				
DRAWN:	VALUE			
CHECKED:				
APPROVED:				
DATE:	04/08/24			
SCALE:	SEE SHEET	1	LK	05/06/24
FILE:				ISSUED FOR BID DOCUMENTS
	NO.	BY	DATE	DESCRIPTION



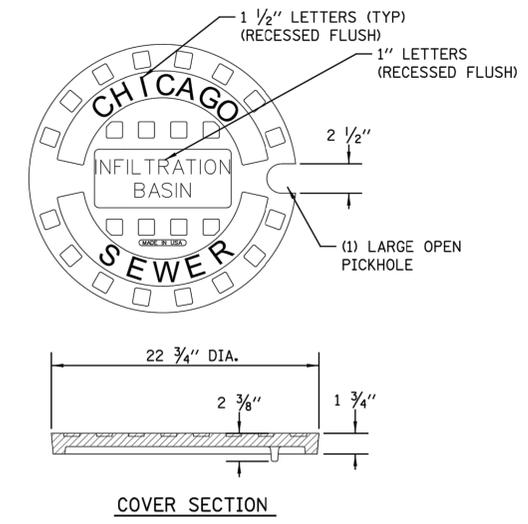
5TH AVENUE
ECO-ORCHARD

CIVIL CONSTRUCTION DETAILS - 4

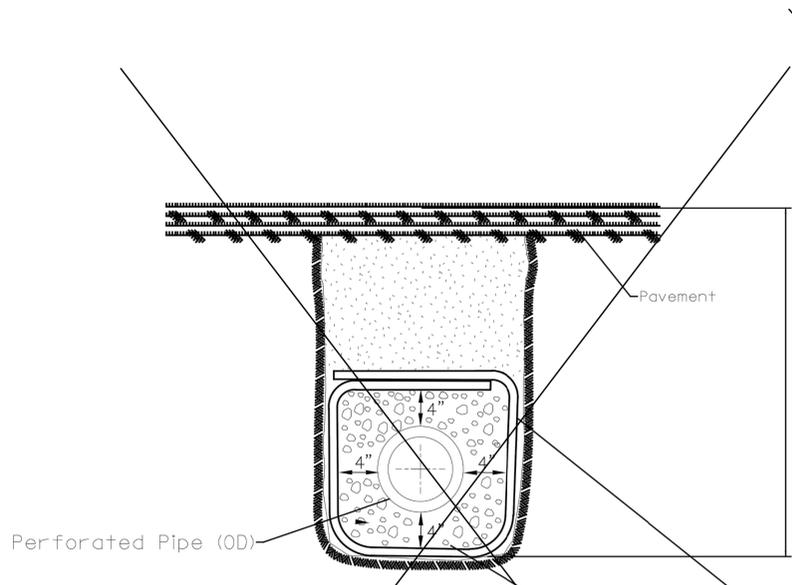
SPECIFICATION NO.	500594
DRAWING NO.	CC.04
PROJECT NO.	29530



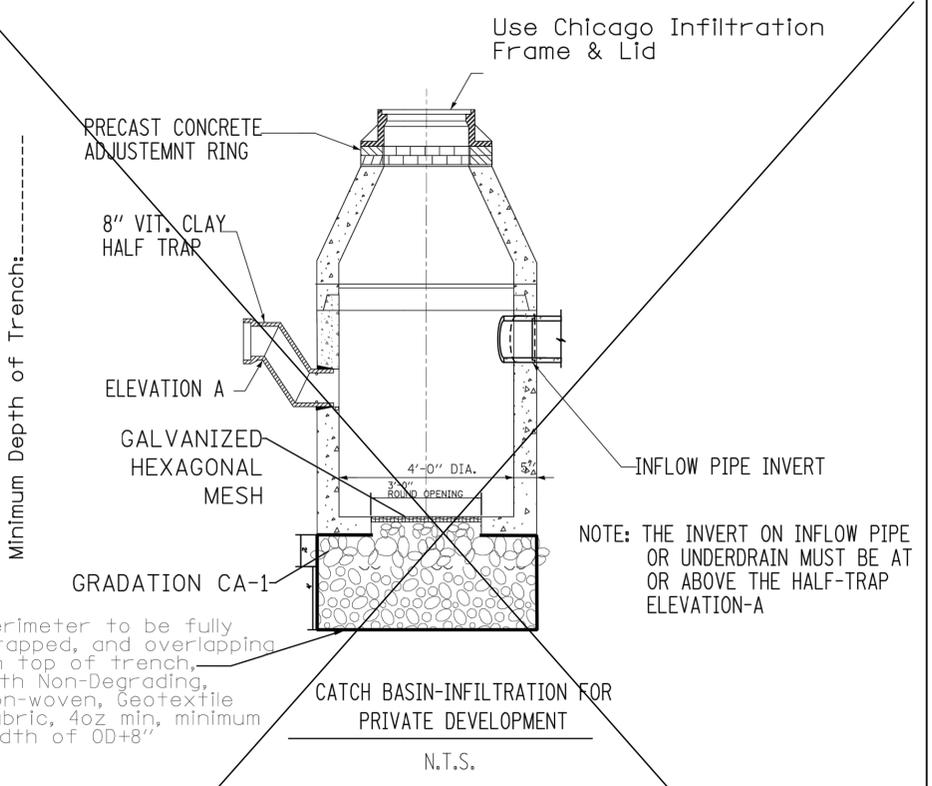
**STANDARD LID FOR STORM ONLY/
INFILTRATION SYSTEMS**



**INFILTRATION SOLID LID FOR
CATCH BASIN**



- UNDERDRAIN NOTES:**
- FOR ANY DRAIN TILE CONNECTION, THE WATER TABLE MUST BE AT LEAST 3.5 FEET BELOW ELEVATION A.
 - PVC UNDERDRAINS MUST BE 4" MINIMUM DIAMETER, (6" RECOMMENDED) AND MUST BE WRAPPED IN GEOTECH FABRIC.
 - USE INFILTRATION LIDS FOR UNDERDRAINS



- CATCH BASIN-INFILTRATION NOTES:**
- REFER TO SHEET A.27 FOR PRIVATE CATCH BASIN DETAILS AND HALF TRAP REQUIREMENTS.
 - THE GALVANIZED HEXAGONAL WIRE MESH STRENGTH REQUIREMENTS SHALL BE IN ACCORDANCE WITH ASTM A 975-97. THE DIAMETER OF THE MESH SHALL BE 0.120 INCHES AND THE COATING SHALL BE FINISH 5, CLASS 3 ZINC COATING ASTM A-641 TESTED IN ACCORDANCE WITH ASTM A370-92. THE MESH OPENING SHALL BE 60 MM X 80 MM

STANDARD REVISIONS	
DATE	DESCRIPTION
8/24/20	APPROVED PLAN

PERCENT COMPLETE	DATE
30	
60	
75	
90	
100	
BULLETIN	

CITY OF CHICAGO	
DEPARTMENT OF WATER MANAGEMENT	
BUREAU OF ENGINEERING SERVICES	
DESIGNED BY	
CHECKED BY	
REVIEWED BY	
STORM ONLY/INFILTRATION SYSTEM DETAILS	

DRAWN: SW	A.23
CHECKED: PN	

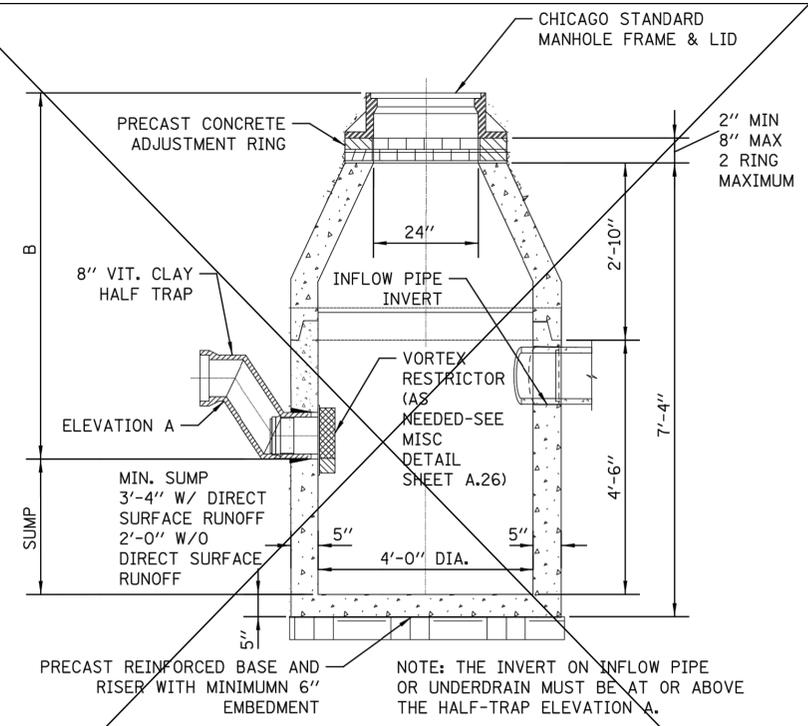
DESIGN:				
DRAWN: VALUE				
CHECKED:				
APPROVED:				
DATE: 04/08/24				
SCALE: SEE SHEET	1	LK	05/06/24	ISSUED FOR BID DOCUMENTS
FILE:	NO.	BY	DATE	DESCRIPTION
REVISIONS				



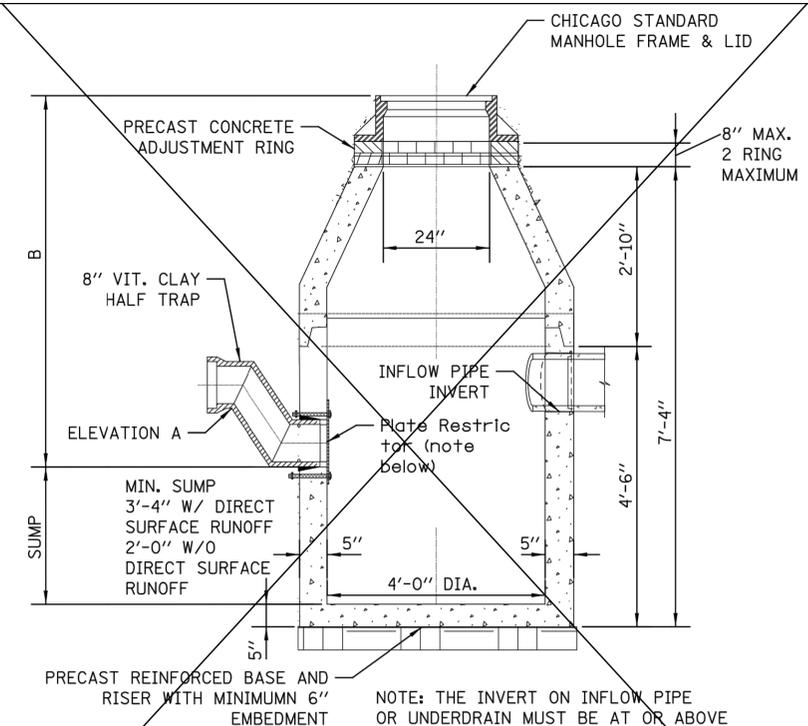
5TH AVENUE
ECO-ORCHARD

CIVIL CONSTRUCTION DETAILS - 5

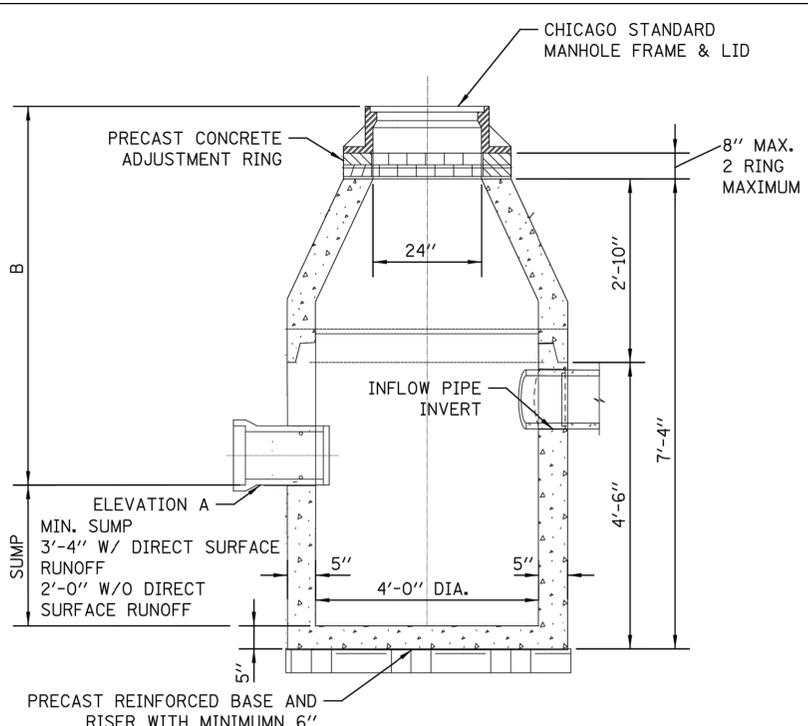
SPECIFICATION NO.	500594
DRAWING NO.	CC.05
PROJECT NO.	29530



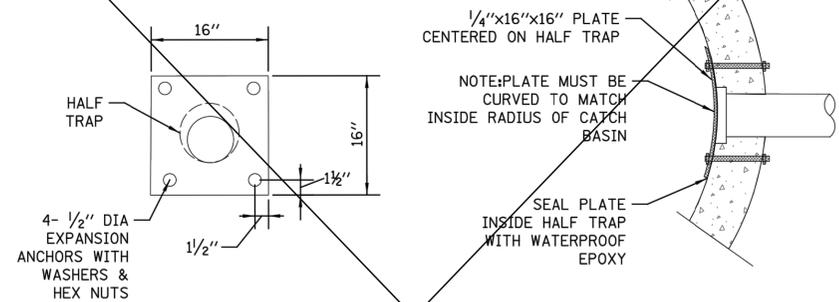
VORTEX RESTRICTOR CATCH BASIN
CONICAL SECTION
N.T.S.



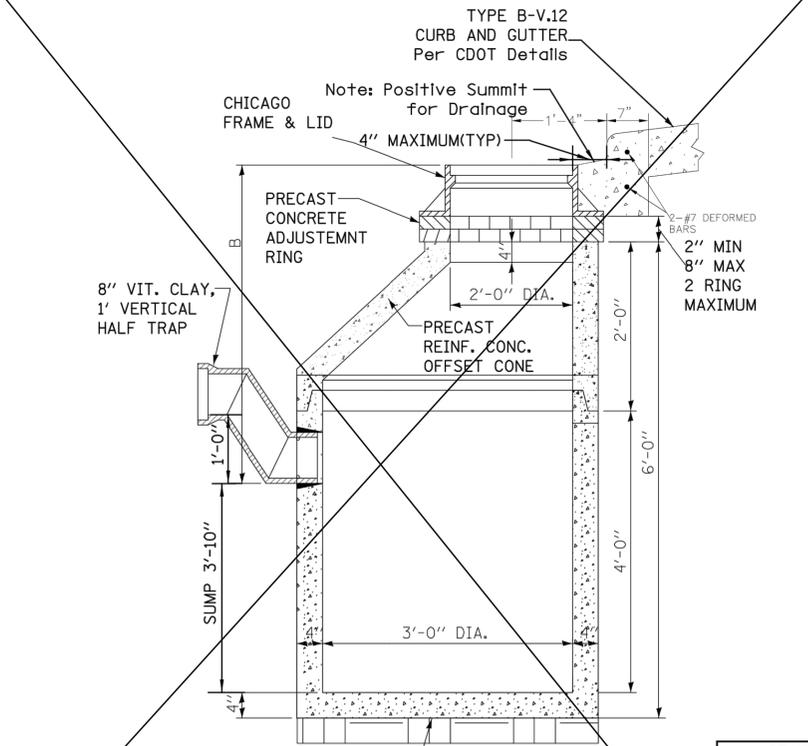
DOWNSTREAM RESTRICTOR CATCH BASIN
CONICAL SECTION
N.T.S.



UPSTREAM CATCH BASIN
CONICAL SECTION
N.T.S.



- PLATE RESTRICTOR NOTES:**
1. THE RESTRICTOR MUST BE INSTALLED IN CATCH BASINS OR MANHOLES WITH 2' MIN. SUMPS.
 2. PLATE AND FASTENERS MUST BE FABRICATED IN STAINLESS STEEL, DUCTILE IRON, OR EQUIVALENT WATERPROOF/WEATHER PROOF MATERIALS.
 3. MIN. ORIFICE SIZE= 2.5" DIA.



STANDARD CATCH BASIN-3' DIA.

- GENERAL NOTES:**
1. CATCH BASIN TO CATCH BASIN CONNECTIONS ARE ALLOWED IN PRIVATE SITES & ALLEYS. ONLY THE DOWNSTREAM CATCH BASIN IS REQUIRED TO HAVE A HALF-TRAP.
 2. IF B < 4 FEET, THEN USE A FLAT TOP SLAB CATCH BASIN AS NECESSARY.
 3. FOR TRENCH BACKFILL, REFER TO IDOT SSRBC, ARTICLE 1003.04.
 4. FOR GRANULAR EMBEDMENT, USE CA-11, CRUSHED GRAVEL, CRUSHED STONE, OR CRUSHED CONCRETE.
 5. FOR STABILIZATION STONE, 12" OF CA-1 STONE IS ONLY REQUIRED WHEN UNSTABLE MATERIAL IS ENCOUNTERED AT TRENCH BOTTOM.
 6. INLETS AND 3' DIAMETER CATCH BASINS ARE TO BE USED ONLY WITH PRIOR APPROVAL OF THE DEPT OF WATER MANAGEMENT- ENGINEERING SERVICES, SEWER SECTION, AND THE DEPT. OF BUILDINGS STORMWATER REVIEWER.
 7. IF COVER OVER VCP IS LESS THAN 4', USE 45 DEGREE DIP BENDS WITH 1 FOOT DROP AS HALF TRAPS AS NEEDED FOR IEPA CLEARANCE REQUIREMENTS
 8. 4. VORTEX RESTRICTORS ARE ALLOWED IN 3' CATCH BASINS IF UTILITY CONFLICTS ARE PRESENT. SEE SHEET A.26 FOR RESTRICTOR DETAIL INFORMATION.

STANDARD REVISIONS	
DATE	DESCRIPTION
2/8/21	APPROVED PLAN

PERCENT COMPLETE	DATE
30	
60	
75	
90	
100	
BULLETIN	

CITY OF CHICAGO	
DEPARTMENT OF WATER MANAGEMENT BUREAU OF ENGINEERING SERVICES	
DRAINAGE STRUCTURE DETAILS FOR PRIVATE DEVELOPMENT	

DESIGNED: _____	SEW _____
CHECKED: _____	_____
REVIEWED: _____	_____
A.27	
OF _____	
PN _____	

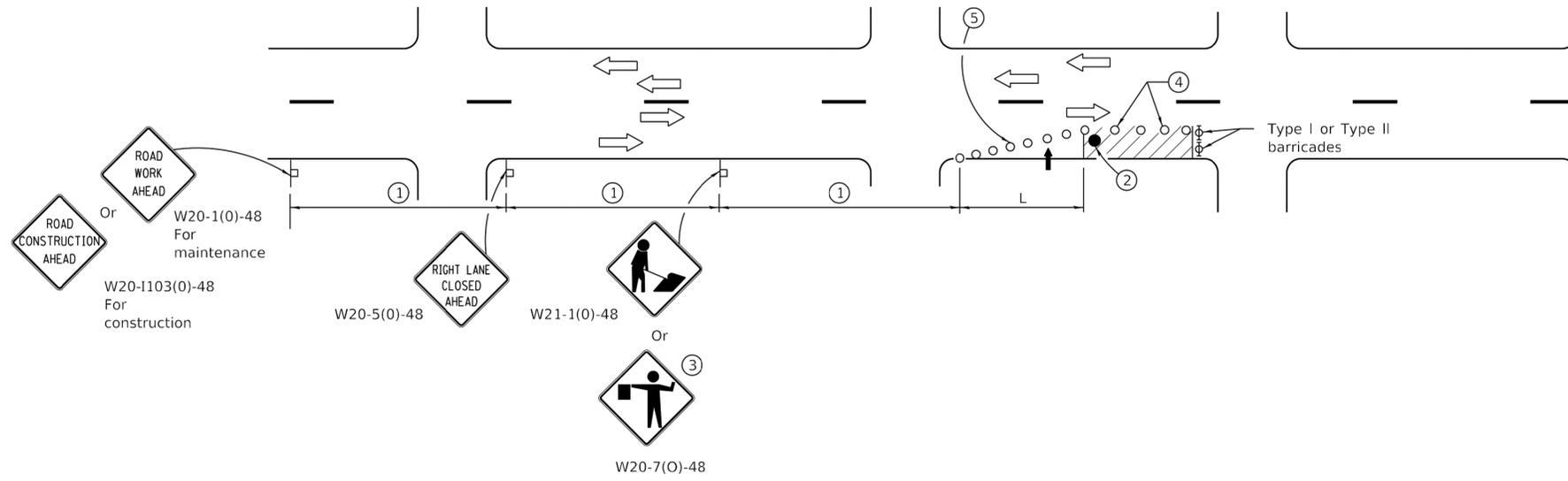
DESIGN: _____				
DRAWN: VALUE				
CHECKED: _____				
APPROVED: _____				
DATE: 04/08/24				
SCALE: SEE SHEET	1	LK	05/06/24	ISSUED FOR BID DOCUMENTS
FILE: _____	NO.	BY	DATE	DESCRIPTION
REVISIONS				



5TH AVENUE
ECO-ORCHARD

CIVIL CONSTRUCTION DETAILS - 6

SPECIFICATION NO. 500594
DRAWING NO. CC.06
PROJECT NO. 29530



SIGN SPACING	
Posted Speed	Sign Spacing
55	500' (150 m)
50-45	350' (100 m)
<45	200' (60 m)

SYMBOLS

- Arrow board
- Cone, drum or barricade
- Sign on portable or permanent support
- Work area
- Barricade or drum with flashing light
- Flagger with traffic control sign.

- ① Refer to SIGN SPACING TABLE for distances.
- ② Required for speeds > 40 mph.
- ③ Use flagger sign only when flagger is present.
- ④ Cones at 25' (8 m) centers for 250' (75 m). Additional cones may be placed at 50' (15 m) centers. When drums or Type I or Type II barricades are used, the interval between devices may be doubled.
- ⑤ Cones, drums or barricades at 20' (6 m) centers in taper.

GENERAL NOTES

This Standard is used where at any time, day or night, any vehicle, equipment, workers or their activities encroach on the pavement requiring the closure of one traffic lane in an Urban area.

Calculate L as follows:

SPEED LIMIT	FORMULAS	
	English	(Metric)
40 mph (70 km/h) or less:	$L = \frac{WS^2}{60}$	$L = \frac{WS^2}{150}$
45 mph (80 km/h) or greater:	$L=(W)(S)$	$L=0.65(W)(S)$

W = Width of offset in feet (meters).

S = Normal posted speed mph (km/h).

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

PASSED January 1, 2015
 ENGINEER OF SAFETY ENGINEERING

APPROVED January 1, 2015
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

DATE	REVISIONS
1-1-15	Renamed standard. Moved case on Sheet 2 to new Highway Standard.
1-1-14	Revised workers sign number to agree with current MUTCD.

URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN

STANDARD 701606-10

DESIGN:	NO.	BY	DATE	DESCRIPTION
DRAWN:				
CHECKED:				
APPROVED:				
DATE: 04/08/24				
SCALE: SEE SHEET	1	LK	05/06/24	ISSUED FOR BID DOCUMENTS
FILE:				
REVISIONS				



5TH AVENUE
ECO-ORCHARD

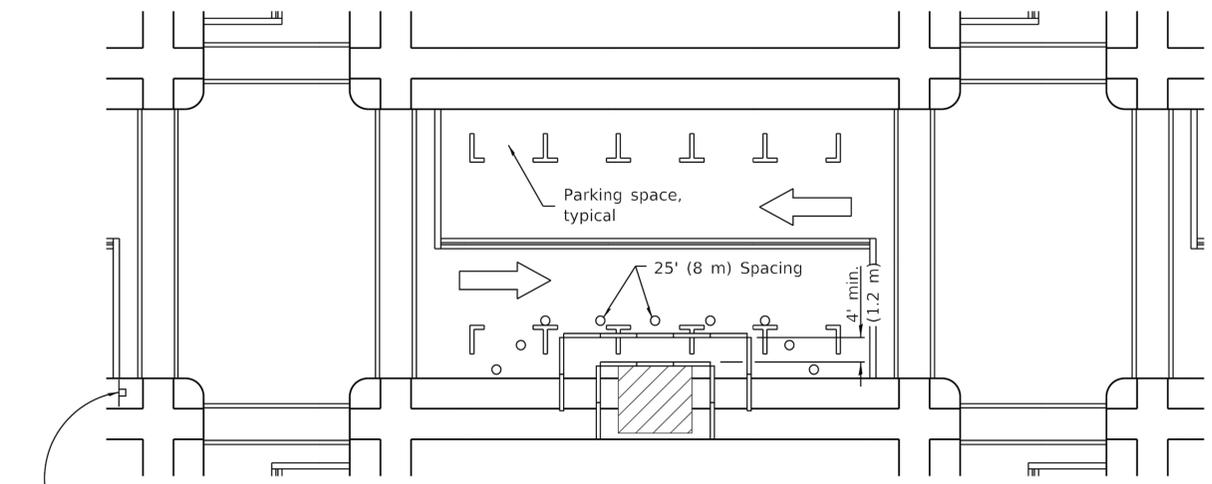
CIVIL CONSTRUCTION DETAILS - 7

SPECIFICATION NO. 500594

DRAWING NO. CC.07

PROJECT NO. 29530

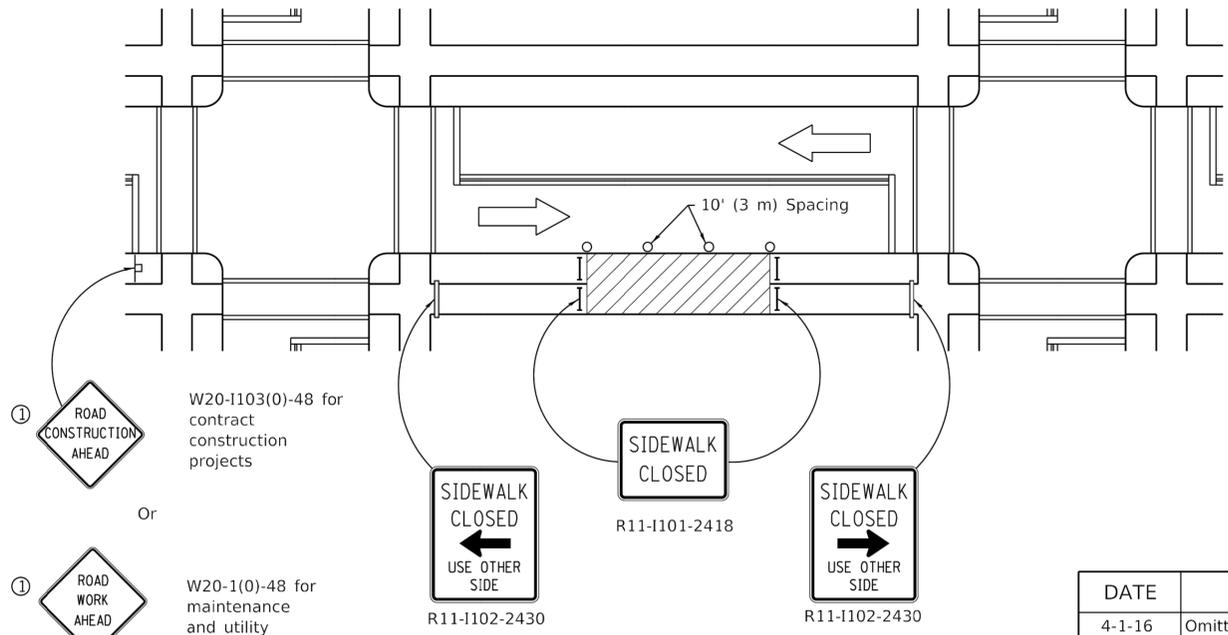
ARCH D 24" x 36" Approved: _____ Checked: _____ Designer: _____ Project Management Initials: _____ Last Plotted: 2024-05-07 Last saved by: KOSTAMOL



- ① ROAD CONSTRUCTION AHEAD W20-1103(0)-48 for contract construction projects
- Or
- ① ROAD WORK AHEAD W20-1(0)-48 for maintenance and utility projects

SIDEWALK DIVERSION

- SYMBOLS**
- Work area
 - Sign on portable or permanent support
 - Barricade or drum
 - Cone, drum or barricade
 - Type III barricade
 - Detectable pedestrian channelizing barricade



- ① ROAD CONSTRUCTION AHEAD W20-1103(0)-48 for contract construction projects
- Or
- ① ROAD WORK AHEAD W20-1(0)-48 for maintenance and utility projects

SIDEWALK CLOSURE

① Omit whenever duplicated by road work traffic control.

GENERAL NOTES

This Standard is used where, at any time, pedestrian traffic must be rerouted due to work being performed.

This Standard must be used in conjunction with other Traffic Control & Protection Standards when roadway traffic is affected.

Temporary facilities shall be detectable and accessible.

The temporary pedestrian facilities shall be provided on the same side of the closed facilities whenever possible.

The SIDEWALK CLOSED / USE OTHER SIDE sign shall be placed at the nearest crosswalk or intersection to each end of the closure. Where the closure occurs at a corner, the signs shall be erected on the corners across the street from the closure. The SIDEWALK CLOSED signs shall be used at the ends of the actual closures.

Type III barricades and R11-2-4830 signs shall be positioned as shown in "ROAD CLOSED TO ALL TRAFFIC" detail on Standard 701901.

All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
4-1-16	Omitted orange safety fence from standard as this is covered in the std. spec.
1-1-12	Added SIDEWALK DIVERSION. Modified appearance of plan views. Renamed Std.

SIDEWALK, CORNER OR CROSSWALK CLOSURE

(Sheet 1 of 2)
STANDARD 701801-06

Illinois Department of Transportation

PASSED April 1, 2016
Amber A. [Signature]
 ENGINEER OF SAFETY ENGINEERING

APPROVED April 1, 2016
[Signature]
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97
 46-T

DESIGN:			
DRAWN:			
CHECKED:			
APPROVED:			
DATE:	04/08/24		
SCALE:	SEE SHEET	1 LK	05/06/24 ISSUED FOR BID DOCUMENTS
FILE:	NO.	BY	DATE DESCRIPTION
REVISIONS			

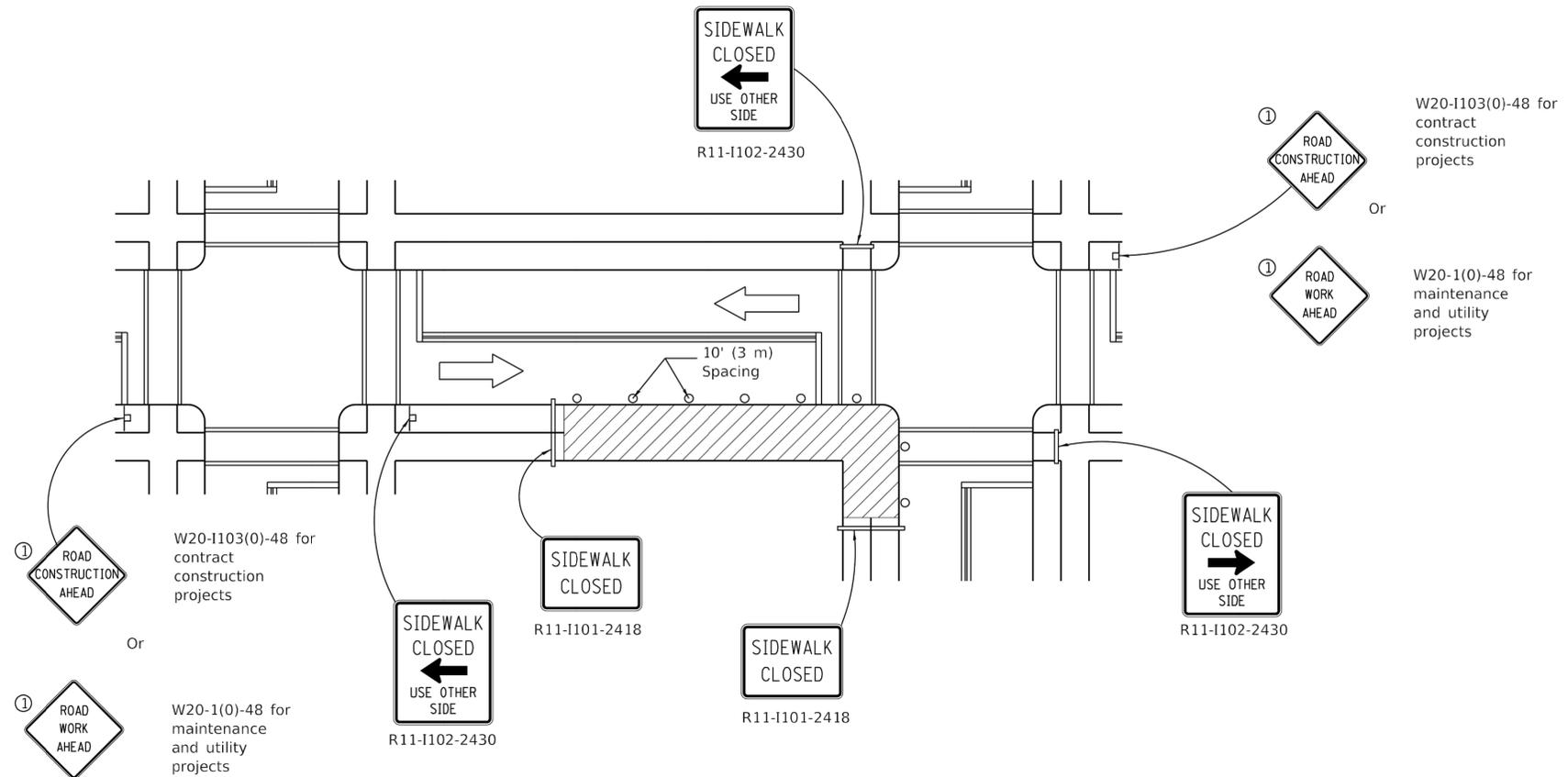


5TH AVENUE
ECO-ORCHARD

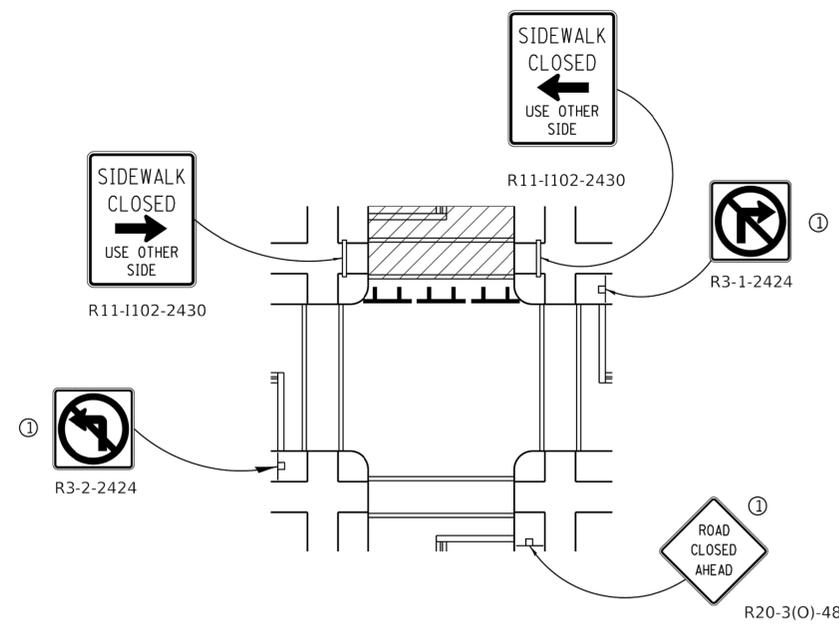
CIVIL CONSTRUCTION DETAILS - 8

SPECIFICATION NO.	500594
DRAWING NO.	CC.08
PROJECT NO.	29530

ARCH D 24" x 36" Approved: _____ Checked: _____ Designer: _____ Project Management Initials: _____ Last Plotted: 2024-05-07 Last saved by: KOSTAMOL



CORNER CLOSURE



CROSSWALK CLOSURE

SIDEWALK, CORNER OR CROSSWALK CLOSURE
(Sheet 2 of 2)
STANDARD 701801-06

Illinois Department of Transportation

PASSED	April 1, 2016	ISSUED 1-1-97
ENGINEER OF SAFETY ENGINEERING	<i>[Signature]</i>	
APPROVED	April 1, 2016	
ENGINEER OF DESIGN AND ENVIRONMENT	<i>[Signature]</i>	

DESIGN:				
DRAWN:				
CHECKED:				
APPROVED:				
DATE:	04/08/24			
SCALE:	SEE SHEET	1	LK	05/06/24
FILE:		NO.	BY	DATE
				DESCRIPTION
REVISIONS				

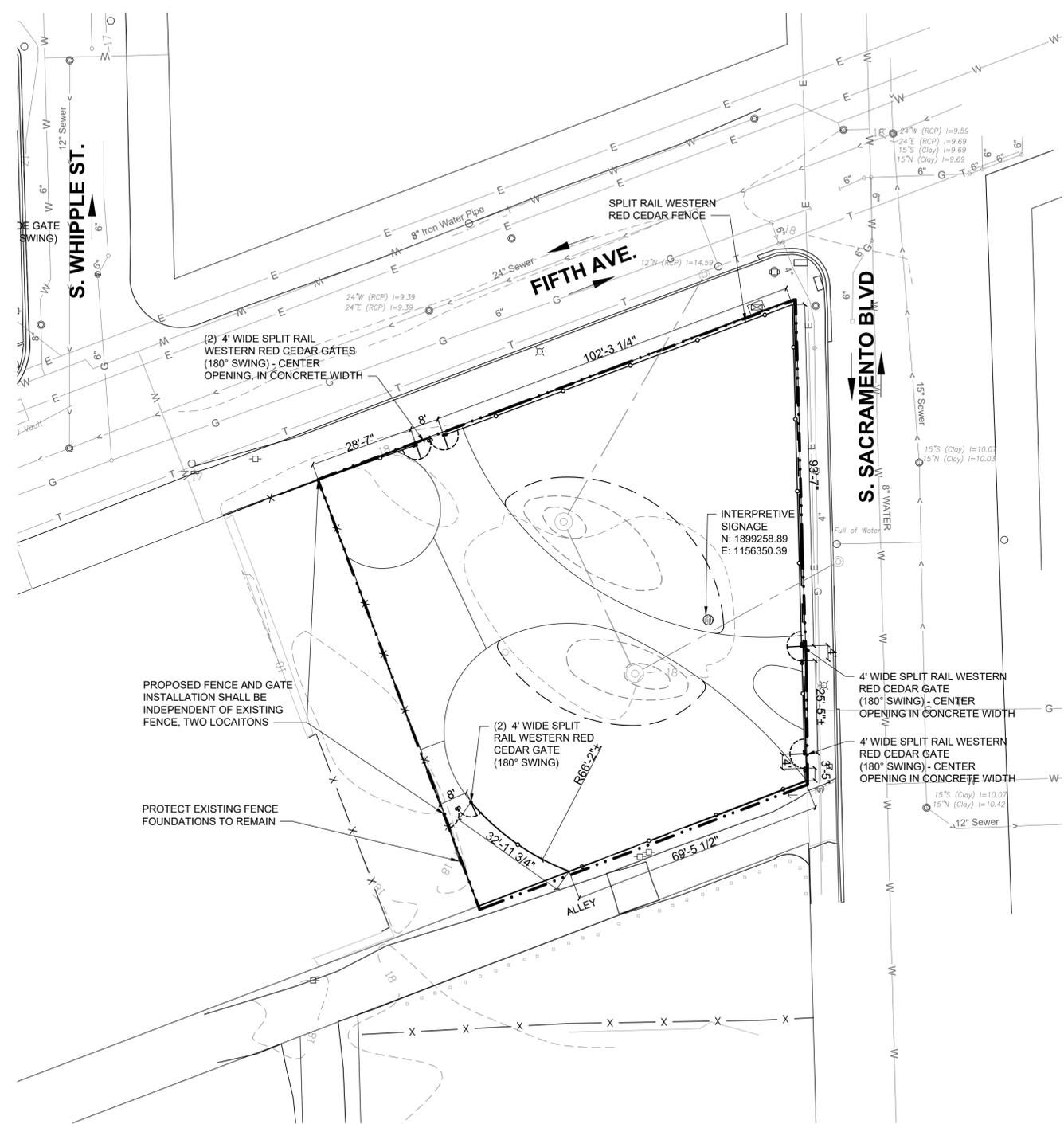


5TH AVENUE
ECO-ORCHARD

CIVIL CONSTRUCTION DETAILS - 9

SPECIFICATION NO.	500594
DRAWING NO.	CC.09
PROJECT NO.	29530

File name: Z:\CHICAGO-USCHG\LEGACY\USCHG\FSD01\PRODD\PROJECT\S06056582\900_CAD_GIS\910_CAD\00-SHEETS\1\LP.01.DWG
 Last saved by: KOSTAMOL
 Last Plotter: 2024-05-07
 Project Management Initials: _____
 Designer: _____
 Checked: _____
 Approved: _____
 ARCH D 24" x 36"



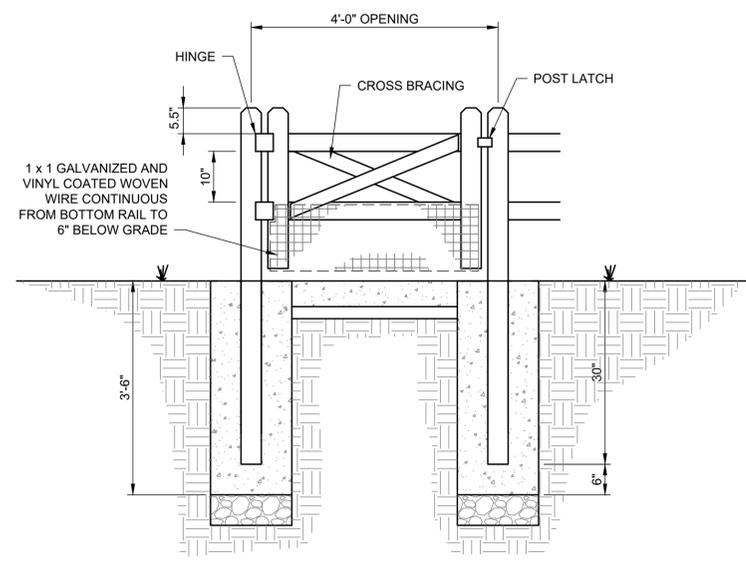
FENCING - SIGNAGE PLAN AND DETAILS
 1" = 20'
 SCALE: 1" = 20'

LEGEND

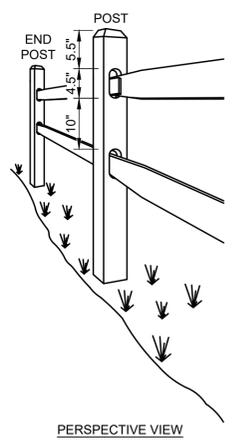
- PROPERTY LINE
- . - . - PROJECT LIMITS
- o - o - PROPOSED SPLIT RAIL WESTERN RED CEDAR FENCE
- x - x - EXISTING FENCE
- ⊙ INTERPRETIVE SIGNAGE
- ⊙ SPLIT RAIL WESTERN RED CEDAR GATE

NOTE

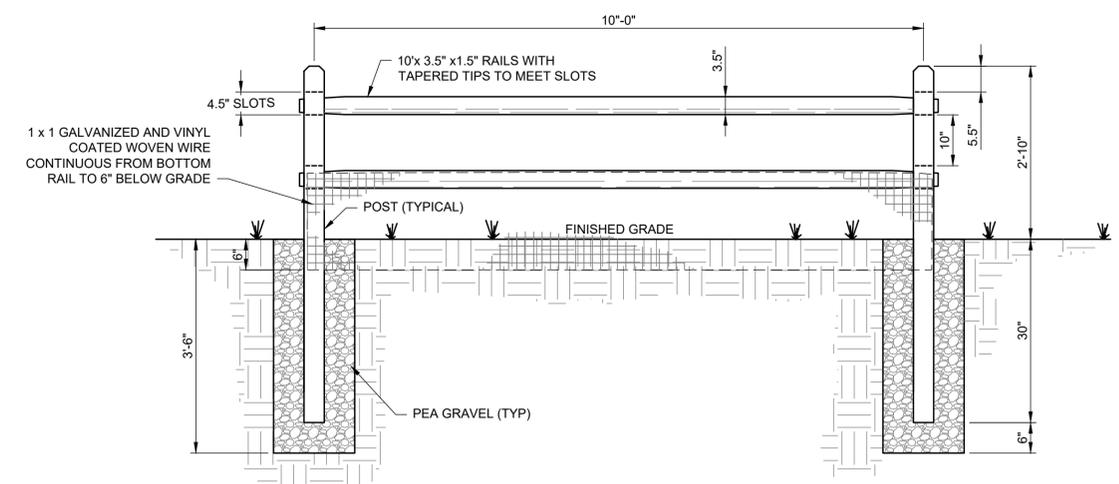
1. SEE LD.02 FOR SIGNAGE DETAILS.
2. ALL WOOD FOR SPLIT RAIL FENCE TO BE WESTERN RED CEDAR
3. END POST SHALL BE TERMINAL POST.
4. ALL MATERIAL DIMENSIONS AND WEIGHTS ON THIS STANDARD ARE NOMINAL UNLESS OTHERWISE INDICATED.
5. ALL LINE POSTS SHALL HAVE A MINIMUM DIAMETER OF 4 IN. AND BE A MINIMUM OF 6 FT.-0 IN. LONG.
6. ALL END, CORNER, INTERSECTION AND BRACE POSTS SHALL HAVE A MINIMUM DIAMETER OF 5 IN.
7. WOOD POSTS HAVING NONUNIFORM CROSS SECTIONS SHALL BE SET WITH THE LARGER DIAMETER END IN THE GROUND.
8. INSTALL MESH AT INSIDE OF FENCE LINE.
9. FENCE WIRE SHALL BE STAPLED TO THE WOOD POSTS; STAPLES SHALL BE NO. 9 WIRE MINIMUM, AND AT LEAST 1 1/2 IN. LONG
10. ALL FENCE WIRE TIES, CLIPS, CLAMPS, STAPLES AND OTHER WIRE APPURTENANCES SHALL BE GALVANIZED.



1 2-HOLE WESTERN RED CEDAR GATE DETAIL
 LP.01 NTS

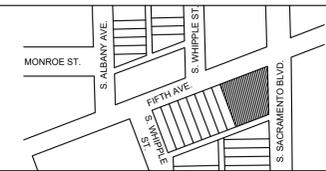


PERSPECTIVE VIEW



2 SPLIT RAIL WESTERN RED CEDAR FENCE DETAIL
 LP.01 NTS

DESIGN:				
DRAWN:				
CHECKED:				
APPROVED:				
DATE:	04/08/24			
SCALE:	SEE SHEET	1 LK	05/06/24	ISSUED FOR BID DOCUMENTS
FILE:	NO.	BY	DATE	DESCRIPTION
REVISIONS				

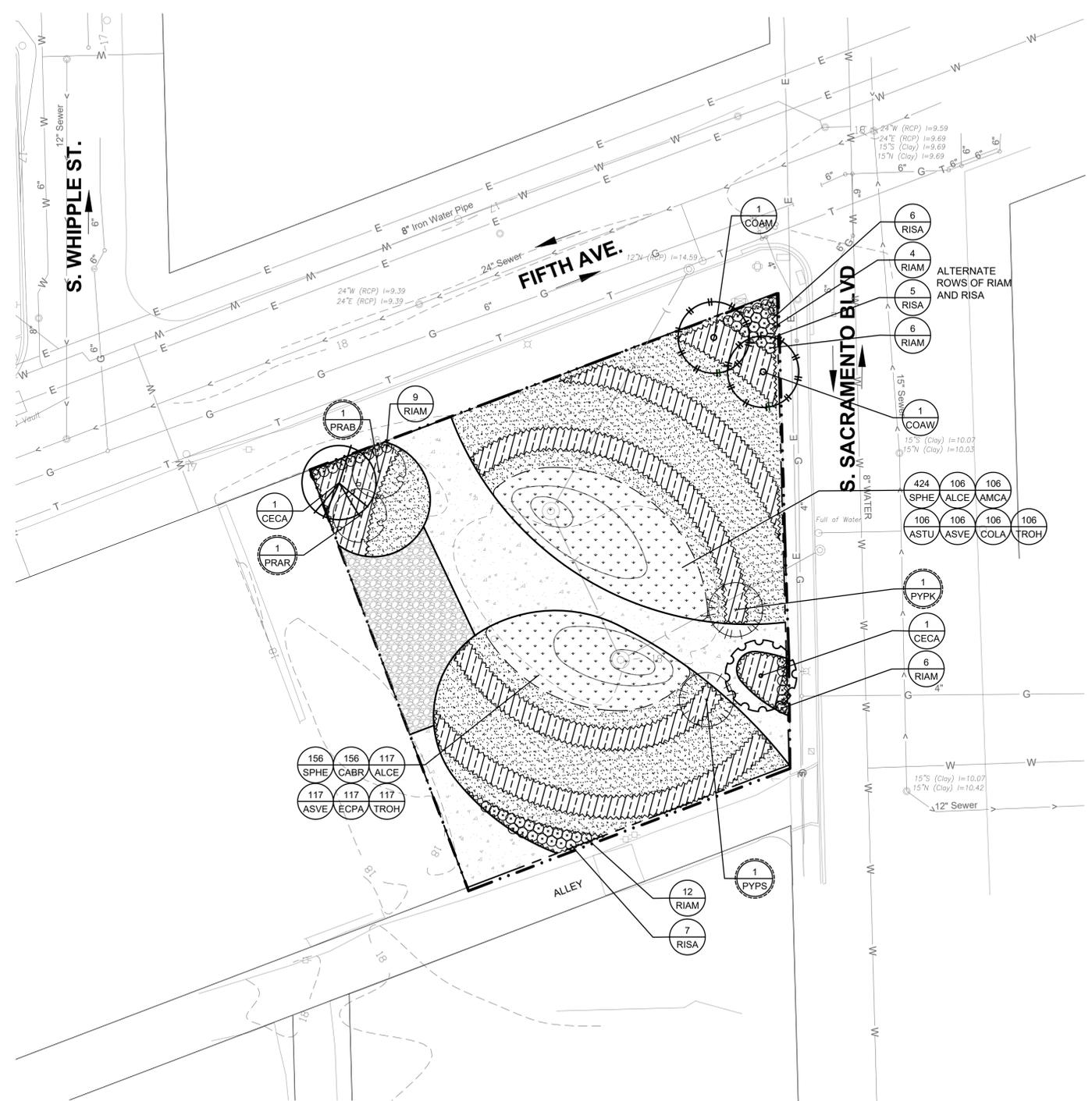


5TH AVENUE
 ECO-ORCHARD

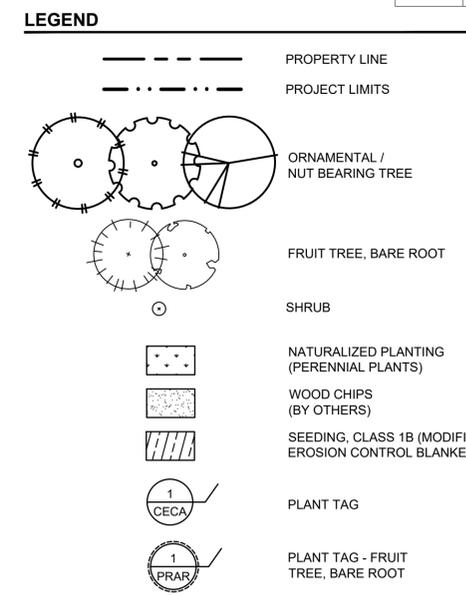
FENCING AND GATE DETAILS

SPECIFICATION NO.	500594
DRAWING NO.	LP.01
PROJECT NO.	29530

File name: Z:\CHICAGO-USCHG\LEGACY\USCHG\FSD01\PRODD\PROJECT\S06056582900_CAD_GIS910_CAD\00-SHEETS\1LP.02.DWG Last saved by: KOSTAMOL Last Plotter: 2024-05-07 Project Management Initials: Designer: Checked: Approved: ARCH D 24" x 36"



LANDSCAPE PLAN
1" = 20'



GENERAL NOTES

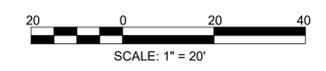
- ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH CITY OF CHICAGO STANDARDS, AND PER APPROVED PLANS AND SPECIFICATIONS.
- CONTRACTOR SHALL VERIFY EXISTING SITE CONDITIONS INCLUDING, WALLS, UTILITIES, PROPERTY LINES, LIMITS OF ROADWAYS, CURBS AND GUTTERS, AND OTHER OBSTRUCTIONS THAT MAY AFFECT THE SCOPE OF WORK.
- CONTRACTOR SHALL LOCATE UTILITIES AND MAINTAIN THEIR LOCATION DURING ALL PHASES OF WORK. DO NOT DAMAGE UTILITY LINES/STRUCTURES. NOTIFY COMMISSION REPRESENTATIVE OF ANY DISCREPANCIES BEFORE STARTING ANY WORK AND MAKING MODIFICATIONS TO THIS WORK AS DIRECTED. THE COMMISSION IS NOT RESPONSIBLE FOR THE LOCATION OF UNDERGROUND UTILITIES OR STRUCTURES, WHETHER OR NOT SHOWN OR DETAILED AND INSTALLED BY ANY OTHER CONTRACT. RESTORATION OF UTILITIES DAMAGED BY THE CONTRACTOR ABOVE OR BELOW GRADE SHALL BE AT THE CONTRACTOR'S EXPENSE TO THE COMMISSION REPRESENTATIVE SATISFACTION.
- CONTRACTOR SHALL THOROUGHLY REVIEW THE SITE CONDITIONS, DRAWINGS, AND TECHNICAL SPECIFICATIONS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE REQUIRED TO COMPLETE THE WORK ON THIS PROJECT IN ACCORDANCE WITH THESE DRAWINGS. ANY INCONSISTENCIES SHALL BE REPORTED TO THE COMMISSION REPRESENTATIVE. BEFORE COMMENCING WITH ANY WORK, PROVIDE WRITTEN NOTIFICATION OF ALL DISCREPANCIES BETWEEN EXISTING AND PROPOSED SITE IMPROVEMENTS.
- CONTRACTOR SHALL ENSURE THAT ALL CONSTRUCTION INSTALLATION, MATERIALS, TESTING AND INSPECTION SHALL COMPLY WITH APPLICABLE CODES AND ORDINANCES.
- CONTRACTOR SHALL TAKE ALL NECESSARY STEPS AS REQUIRED TO PROPERLY PROTECT AND MAINTAIN THIS WORK FOR THE DURATION OF THE CONTRACT.
- THESE DRAWINGS DO NOT SPECIFY SAFETY MATERIALS, EQUIPMENT, METHODS OR SEQUENCING TO PROTECT PERSONS AND PROPERTY. DIRECT AND IMPLEMENT SAFETY OPERATIONS AND PROCEDURES TO PROTECT THE COMMISSION, OTHER CONTRACTORS, THE PUBLIC, AND OTHER FOR THE DURATION OF THE CONTRACT. BE SURE ALL PRECAUTIONS, BARRICADES, AND THE LIKE ARE MAINTAINED UNTIL FINAL ACCEPTANCE.
- NOTES AND DETAILS ON SPECIFIC DRAWINGS TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS.
- CONTRACTOR SHALL OBTAIN NECESSARY PERMITS FROM ALL JURISDICTIONS AS REQUIRED TO CONSTRUCT THE WORK OF THIS PROJECT.

LAYOUT NOTES

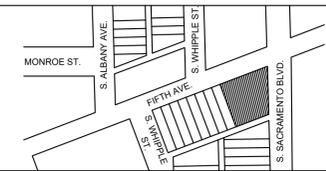
- CONSTRUCTION WILL NOT BE CONSIDERED COMPLETE UNTIL ALL AREAS HAVE BEEN CLEANED OF ALL DIRT AND ALL DAMAGED ITEMS REPAIRED WITH ACCEPTANCE BY THE COMMISSION REPRESENTATIVE.
- CONTRACTOR SHALL VERIFY EXISTING SITE INFORMATION INCLUDING, BUT NOT LIMITED TO STREET GRADES, UTILITIES, PROPERTY LINES, LIMITS OF ROADWAYS, CURBS AND GUTTERS.
- CONTRACTOR SHALL TAKE ALL DIMENSIONS FROM BACK OF CURB, FACE OF WALL OR BUILDING, AND CENTERLINE OF TREES UNLESS OTHERWISE NOTED. ALL DIMENSIONS CALLED OUT AS EQ. ARE EQUIVALENT.
- WRITTEN DIMENSIONS SUPERCEDE SCALED DIMENSIONS. DO NOT SCALE DRAWINGS. IF THERE IS A QUESTION REGARDING DIMENSIONS, CONTACT THE COMMISSION REPRESENTATIVE FOR VERIFICATION. ALL ANGLES TO MATCH THOSE NOTED ON DRAWING AND ALL LINES OF PAVING TO BE PARALLEL UNLESS OTHERWISE NOTED. MAINTAIN HORIZONTAL ALIGNMENT OF ADJACENT ELEMENTS AS NOTED ON THE DRAWINGS. DO NOT SCALE FROM DRAWINGS.
- REFERENCE TO SCALE IS FOR FULL SIZED DRAWINGS ONLY.

SITE PREPARATION NOTES

- FOR ALL LANDSCAPE FINISHES PROVIDE REMEDIATION IN COMPLIANCE WITH IEPA.
- AT ALL LANDSCAPE FINISHES REMOVE MIN 18" OF EXISTING MATERIAL AND REPLACE WITH 18" CLEAN FILL AND GEOTEXTILE BARRIER AT THE BOTTOM OF THE 18" PROFILE. REMOVAL TO OCCUR FROM PROPOSED FINISHED GRADES, I.E. FROM LOWER FINISHED GRADE 3.
- WHEN PLANTING DEPTH REQUIREMENT ACHIEVES 36" IN DEPTH, REMEDIATION CAN CONSIST OF 36" DEPTH SITE FILL REMOVAL AND REPLACEMENT WITH ENGINEERED TOPSOIL. THE GEOTEXTILE BARRIER MAY BE OMITTED.
- PRIOR TO COMMENCING WORK, CONTRACTOR SHALL VERIFY SITE CONDITIONS TO DETERMINE ANY DISCREPANCIES BETWEEN DRAWINGS AND FIELD CONDITIONS. REQUEST A MEETING ON-SITE WITH AOR AND COMMISSION REPRESENTATIVE TO REVIEW SCOPE OF WORK, SURVEY LAYOUT AND CONTROL, CONSTRUCTION PHASING, AND TRAFFIC CONTROL.
- PRIOR TO EXCAVATION OF SITE SOIL, PROVIDE TEMPORARY BRACING OF AUXILIARY POSTS, FENCES AND ANY OTHER ADJACENT STRUCTURES. AVOID EXCAVATION BELOW FOUNDATION OF ADJACENT STRUCTURE TO PREVENT UNDERMINING CONDITIONS.
- CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION EFFORTS WITH THE CITY OF CHICAGO, RESPECTIVE UTILITY COMPANIES, AND AUTHORITIES.
- CONTRACTOR SHALL REMOVE EVERYTHING NECESSARY WITHIN PROPERTY LINES TO COMPLETE NEW SITE WORK. LABELS ARE FOR CONVENIENCE ONLY AND THE CONTRACTOR SHALL VERIFY REMOVALS PRIOR TO SUBMITTING THE BID FOR THE WORK ON THIS PROJECT.



DESIGN:				
DRAWN:				
CHECKED:				
APPROVED:				
DATE:	04/08/24			
SCALE:	SEE SHEET	1	LK	05/06/24
FILE:				
	NO.	BY	DATE	DESCRIPTION
REVISIONS				



5TH AVENUE
ECO-ORCHARD

LANDSCAPE PLAN AND GENERAL NOTES

SPECIFICATION NO.	500594
DRAWING NO.	LP.02
PROJECT NO.	29530

PLANTING NOTES

- ALL PLANT MATERIALS SHALL CONFORM TO THE GUIDELINES ESTABLISHED BY THE AMERICAN STANDARD FOR NURSERY STOCK, CURRENT EDITION, PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN, INC.
- ALL PLANTS WILL BE BALLED AND BURLAPPED OR CONTAINER GROWN. BARE ROOT OR SPADED PLANTS WILL NOT BE ACCEPTED.
- SUPPLY ALL PLANT MATERIAL IN QUANTITIES SUFFICIENT TO COMPLETE THE PLANTING BED AS SHOWN ON THE DRAWINGS.
- ALL PLANTS WILL BE INSPECTED AND APPROVED BY THE ARCHITECT OF RECORD PRIOR TO DELIVERY TO THE SITE.
- OBTAIN ARCHITECT OF RECORD'S APPROVAL OF FINE GRADING PRIOR TO THE START OF PLANTING.
- STAKE LOCATIONS OF ALL PROPOSED TREES AND EDGES OF PLANTING BEDS FOR APPROVAL BY THE ARCHITECT ON RECORD PRIOR TO THE START OF PLANTING. ARRANGE FOR VISIT OF ARCHITECT ON RECORD FOR REVIEW AND APPROVAL A MINIMUM OF 48 HOURS PRIOR TO INSTALLATION.
- THE ARCHITECT OF RECORD RESERVES THE RIGHT TO ADJUST THE LOCATION OF PLANT MATERIAL BEFORE, DURING OR AFTER INSTALLATION AS APPROPRIATE TO THE PROJECT.
- CONTRACTOR SHALL FAMILIARIZE HIM/HERSELF WITH THE LAYOUT, GRADING AND CIVIL ENGINEERING DOCUMENTS PRIOR TO STARTING WORK.
- CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL UNDERGROUND UTILITIES, PIPES AND STRUCTURES. THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES AND CALL FOR LOCATES FOR FIELD LOCATION OF UNDERGROUND UTILITY LINES PRIOR TO ANY EXCAVATION. CONTRACTOR SHALL TAKE RESPONSIBILITY FOR COSTS OF UTILITY REPAIR DUE TO DAMAGE CAUSED BY HIS/HER OPERATIONS.
- DO NOT PROCEED WITH CONSTRUCTION WHEN IT IS APPARENT THAT UNKNOWN OBSTRUCTIONS AND/OR GRADE DIFFERENCES EXIST THAT MAY NOT HAVE BEEN KNOWN DURING DESIGN. SUCH CONDITIONS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE COMMISSION REPRESENTATIVE. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ALL NECESSARY REVISIONS DUE TO FAILURE TO GIVE SUCH NOTIFICATION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ANY COORDINATION WITH THE WORK OF OTHER TRADES AND SUBCONTRACTORS AS REQUIRED TO COMPLETE THE WORK OF THIS PROJECT.
- SEE SPECIFICATIONS FOR PLANTING REQUIREMENTS, SOIL PREPARATION AND TESTING REQUIREMENTS.
- SEE DETAILS FOR STAKING METHOD, PLANT PIT DIMENSIONS AND BACKFILL REQUIREMENTS.
- CONTRACTOR IS RESPONSIBLE TO PERFORM QUANTITY TAKEOFFS FOR ALL PLANT MATERIALS.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN POSITIVE DRAINAGE THROUGHOUT THE SITE WITH ACCURATELY SET LINE AND GRADE. LOW SPOTS, UNLESS RAIN GARDEN AREAS WITH INTENTIONALLY DESIGNED LOW SPOTS (SEE GARDEN PLANS), RESULTING IN PONDING OF SURFACE WATER WILL NOT BE ACCEPTED IN THE FINAL WORK.
- COORDINATE INSTALLATION OF PLANT MATERIAL WITH ADJACENT STRUCTURES, UTILITIES, LIGHT POLES AND PAVEMENTS. ANY DAMAGE CAUSED TO IMPROVEMENTS BY OTHERS IS THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR OR REPLACE.
- MAINTAIN 5' CLR FOR TREE PLANTINGS, 3' CLR FOR SHRUB PLANTINGS, 2' CLR FOR GRASS PLANTINGS AND 1' CLR FOR FORB PLANTINGS FROM FENCE LINE. FINAL LAYOUT TO BE APPROVED BY AOR.

PLANTING SCHEDULE						
TREES						
Symbol	Quantity	Botanic Name	Common Name	Description	Minimum Plant Size / Spacing	Notes
CECA	2	<i>Cercis canadensis</i>	Eastern Redbud	#15 Container	2" caliper / per plan	single stem / central leader
COAM	1	<i>Corylus avellana</i> 'McDonald'	McDonald Hazelnut	#15 Container	8' height	
COAW	1	<i>Corylus avellana</i> 'Wepster'	Wepster Hazelnut	#15 Container	8' height	
TREES BARE ROOT						
PRAR	1	<i>Prunus avium</i> 'Rainier'	Rainier Sweet Cherry	Bare Root	Gisela 5 Rootstock	1-2 year old dormant bare root
PRAB	1	<i>Prunus avium</i> 'Bing'	Bing Sweet Cherry	Bare Root	Gisela 5 Rootstock	1-2 year old dormant bare root
PYPS	1	<i>Pyrus pyrifolia</i> 'Shinseiki'	Shinseiki Asian Pear	Bare Root	OHxF97 Standard Rootstock	1-2 year old dormant bare root
PYPK	1	<i>Pyrus pyrifolia</i> 'Korean Giant'	Korean Giant Asian Pear	Bare Root	OHxF97 Standard Rootstock	1-2 year old dormant bare root
SHRUBS						
RIAM	37	<i>Ribes americanum</i>	American Black Currant	#5 Container	24" height/36" O.C.	
RISA	18	<i>Ribes sativum</i> 'Rovada'	Rovada Red Currant	#5 Container	24" height/36" O.C.	
NATURALIZED PLANTING (PERENNIAL PLANTS)						
Symbol	Quantity	Botanic Name	Common Name	Description	Minimum Plant Size / Spacing	Notes
ALCE	223	<i>Allium cernuum</i>	Nodding Wild Onion	#1 container	6" height / 15" O.C.	
AMCA	106	<i>Amorpha canescens</i>	Lead Plant	#1 container	6" height / 15" O.C.	
ASTU	106	<i>Asclepias tuberosa</i>	Butterfly Milkweed	#1 container	6" height / 15" O.C.	
ASVE	223	<i>Asclepias verticillata</i>	Whorled Milkweed	#1 container	6" height / 15" O.C.	
CABR	156	<i>Carex brevior</i>	Plains Oval Sedge	#1 container	6" height / 15" O.C.	
COLA	106	<i>Coreopsis lanceolata</i>	Sand Coreopsis	#1 container	6" height / 15" O.C.	
ECPA	117	<i>Echinacea pallida</i>	Pale Purple Coneflower	#1 container	6" height / 15" O.C.	
SPHE	580	<i>Sporobolus heterolepis</i>	Prairie Dropseed	#1 container	6" height / 15" O.C.	
TROH	223	<i>Tradescantia ohiensis</i>	Common Spiderwort	#1 container	6" height / 15" O.C.	

DESIGN:				
DRAWN:				
CHECKED:				
APPROVED:				
DATE:	04/08/24			
SCALE:	SEE SHEET	1 LK	05/06/24	ISSUED FOR BID DOCUMENTS
FILE:	NO.	BY	DATE	DESCRIPTION
REVISIONS				



5TH AVENUE
ECO-ORCHARD

LANDSCAPE SCHEDULES AND
PLANTING NOTES

SPECIFICATION NO.	500594
DRAWING NO.	LD.01
PROJECT NO.	29530

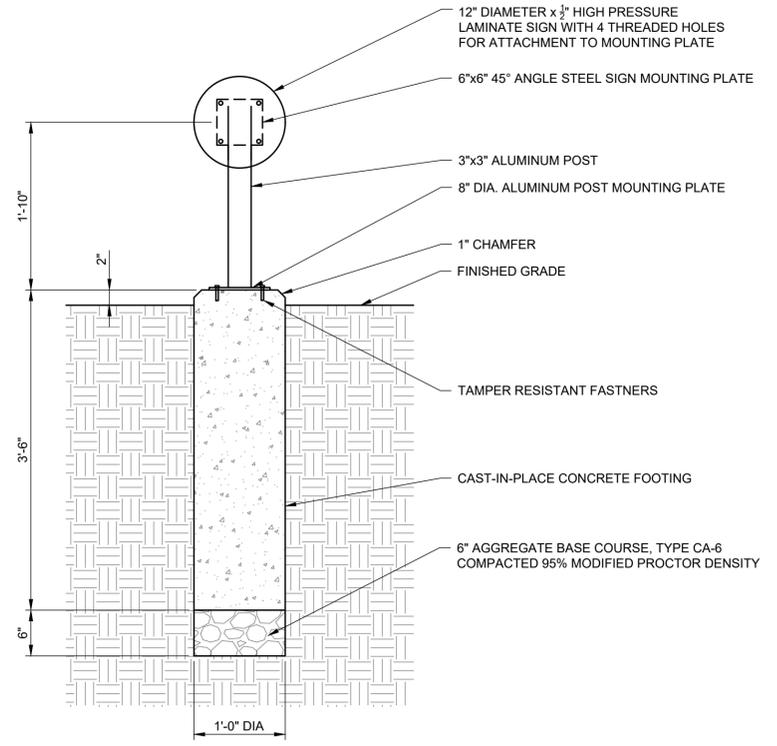
ARCH D 24" x 36" Approved: _____ Checked: _____ Designer: _____
 Project Management Initials: _____ Last Printed: 2024-05-07
 Last saved by: KOSTAMOL



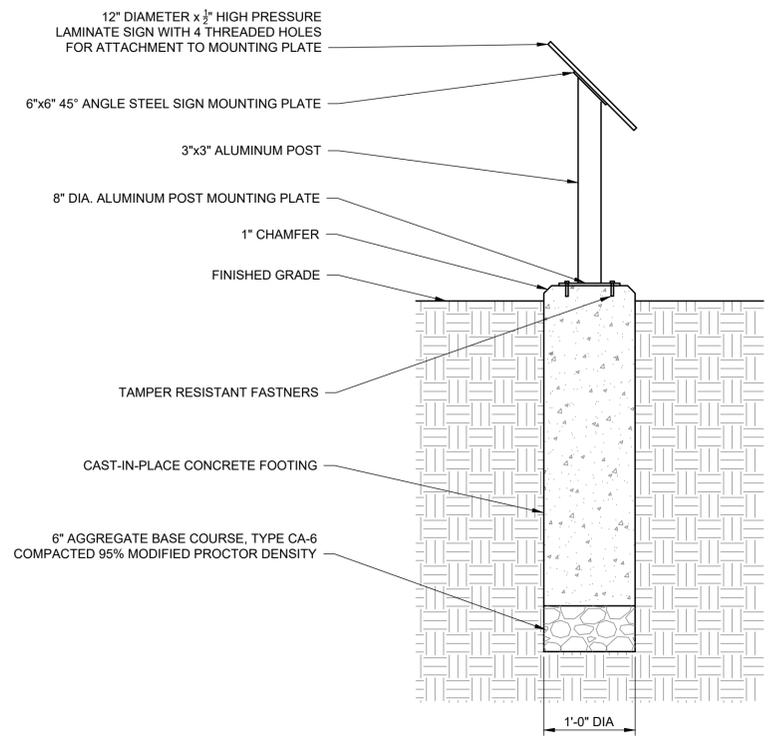
1 SIGN PANEL GRAPHIC
NTS

SIGN NOTES:

1. A NEW GROUND MOUNTED INTERPRETIVE SIGNAGE SHALL BE INSTALLED AT THE SOUTH EDGE OF THE EAST RAIN GARDEN. THE LOCATION OF THE SIGN SHALL BE STAKED IN THE FIELD FOR APPROVAL BY THE OWNER.
2. THE CONTRACTOR WILL BE PROVIDED WITH THE ELECTRONIC IMAGES TO BE INCLUDED ON THE SIGN.
3. THE NEW SIGN SHALL BE PAID FOR AS "INTERPRETIVE SIGNAGE COMPLETE" AND SHALL INCLUDE THE SIGN PANEL, POSTS, BRACKETS, FITTINGS, AND CONCRETE FOOTING. THE CONTRACTOR WILL PROVIDE SHOP DRAWINGS FOR REVIEW AND APPROVAL BY THE OWNER.



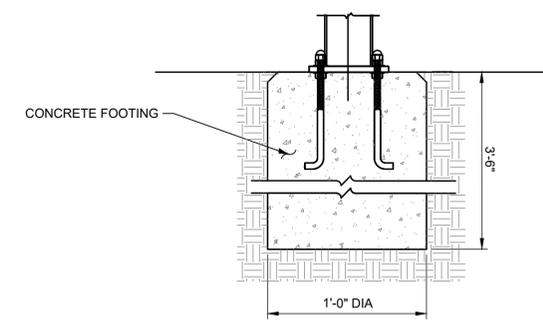
A - FRONT SECTION



B - SIDE SECTION

- NOTES:**
1. POST AND MOUNTING PLATES TO BE POWDERCOATED. COLOR: TBD
 2. SIGNAGE TO INCLUDE GRAFFITI RESISTANT COATING

2 INTERPRETIVE SIGN DETAIL
NTS



3 MOUNTING & FOOTING DETAIL
NTS

DESIGN:				
DRAWN:				
CHECKED:				
APPROVED:				
DATE:	04/08/24			
SCALE:	SEE SHEET	1	LK	05/06/24
FILE:		NO.	BY	DATE
				DESCRIPTION
REVISIONS				

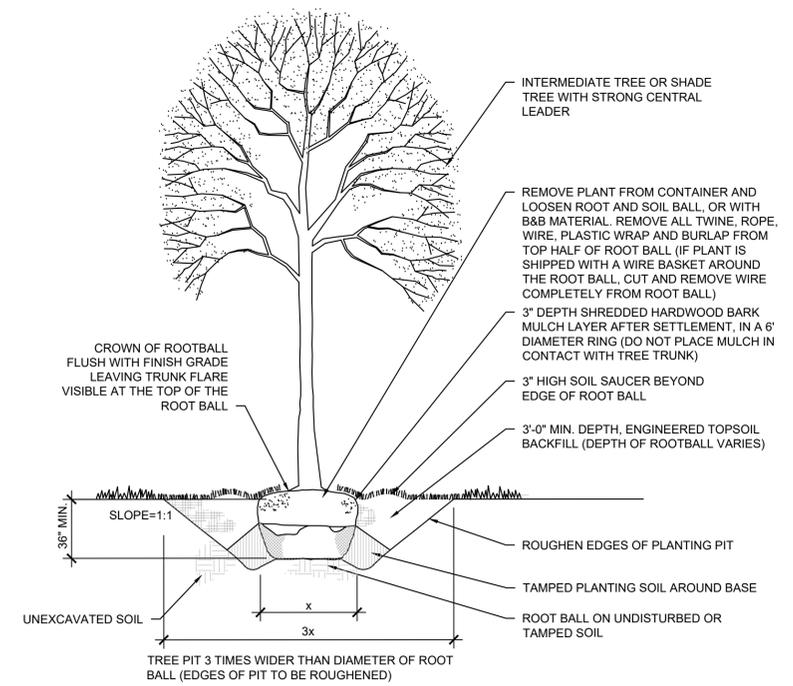


5TH AVENUE
ECO-ORCHARD

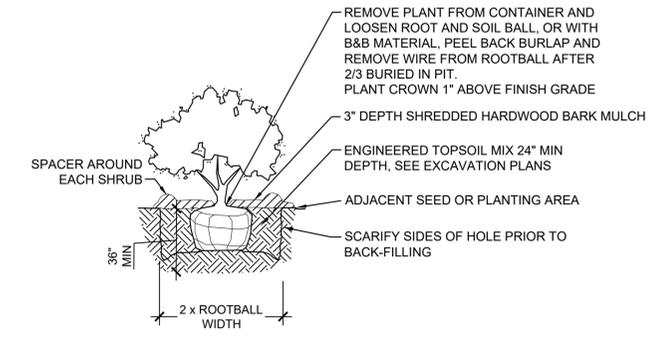
INTERPRETIVE SIGNAGE DETAILS

SPECIFICATION NO.	500594
DRAWING NO.	LD.02
PROJECT NO.	29530

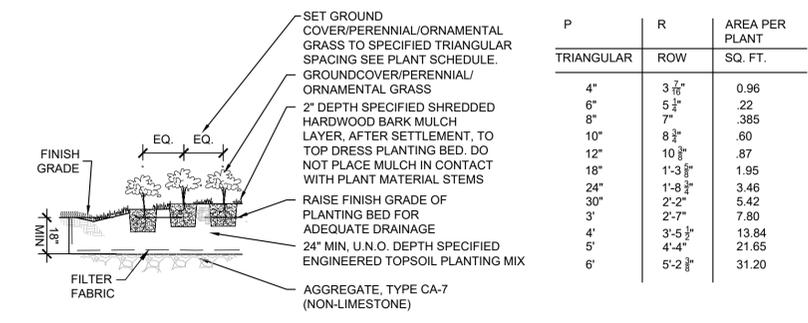
ARCH D 24" x 36" Approved: _____ Checked: _____ Designer: _____
 Project Management Initials: _____ Designer: _____
 File name: Z:\CHICAGO-USCHG\LEGACY\USCHG1\FSD01\PRODD\PROJECTS\6056262900_CAD_CIS1910_CAD\00-SHEETS\LD 03.DWG Last saved by: KOSTAMOL Last Plotter: 2024-05-07



1 TREE PLANTING DETAIL
NOT TO SCALE

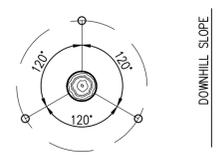


2 SHRUB PLANTING DETAIL
NOT TO SCALE

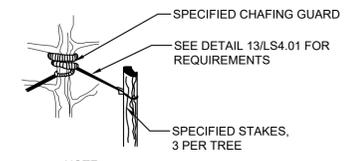


3 GROUND COVER/PERENNIAL/ORNAMENTAL GRASS INSTALLATION
NOT TO SCALE

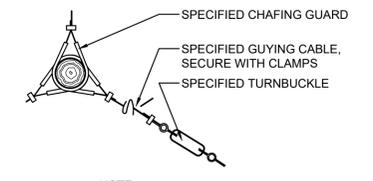
P	R		AREA PER PLANT SQ. FT.
	TRIANGULAR	ROW	
4"	3 7/16"	0.96	
6"	5 1/4"	.22	
8"	7"	.385	
10"	8 3/4"	.60	
12"	10 3/8"	.87	
18"	1'-3 5/8"	1.95	
24"	1'-8 3/4"	3.46	
30"	2'-2"	5.42	
3'	2'-7"	7.80	
4'	3'-5 1/2"	13.84	
5'	4'-4"	21.65	
6'	5'-2 3/8"	31.20	



4 STAKING AND GUYING PLAN
NOT TO SCALE

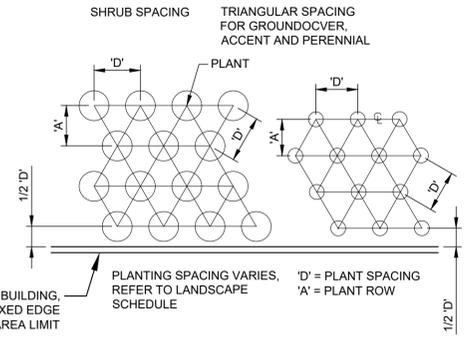


5 STAKING DETAIL
NOT TO SCALE

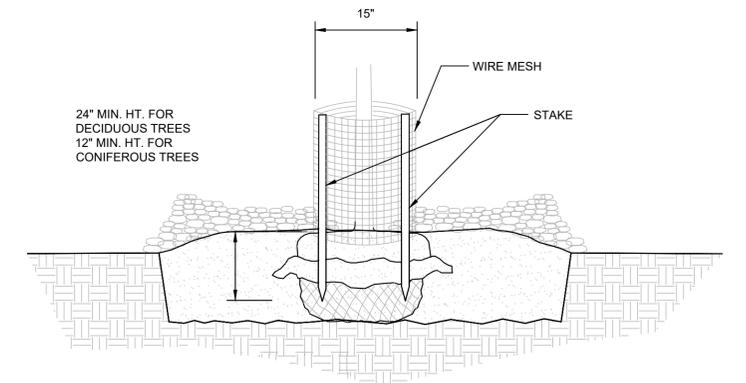


6 GUYING DETAIL
NOT TO SCALE

P	R		AREA PER PLANT SQ. FT.
	TRIANGULAR	ROW	
4"	3 7/16"	.096	
6"	5 1/4"	.22	
8"	7"	.385	
10"	8 3/4"	.60	
12"	10 3/8"	.87	
18"	1'-3 5/8"	1.95	
24"	1'-8 3/4"	3.46	
30"	2'-2"	5.42	
3'	2'-7"	7.80	
4'	3'-5 1/2"	13.84	
5'	4'-4"	21.65	
6'	5'-2 3/8"	31.20	



7 GROUND COVER / PERENNIAL / ORNAMENTAL GRASS LAYOUT PLAN
NOT TO SCALE



8 RODENT PROTECTION
NOT TO SCALE

- NOTES**
- FORM A DOUBLE-LAYERED CYLINDER USING 0.25" GRID GALVANIZED WELDED WIRE MESH (HARDWARE CLOTH). OVERLAP THE CUT END 2".
 - DRIVE TWO 1" X 1" OPPOSING HEARTWOOD WHITE OAK STAKES INTO THE GROUND, 7" FROM THE CENTER OF THE TREE STEM.
 - SECURE THE MESH CYLINDER TO THE OUTSIDE OF THE STAKES USING EITHER, SCREWS AND WASHERS OR CABLE-TIES ALONG THE OVERLAP. SPACE APPROXIMATELY 4" ON CENTER ALONG THE OVERLAP.
 - EMBED THE LOWER EDGE OF THE MESH CYLINDER 1" BELOW THE SOIL SURFACE WITHOUT DISTURBING THE TREE ROOTS.
 - CUT EDGES WILL NOT BE PERMITTED AT THE TOP OF THE CYLINDER. STAKE WILL BE FLUSH WITH THE TOP OF THE CYLINDER.
 - MULCH WITHIN THE CYLINDER SHALL NOT EXCEED 3" DEPTH AND SHALL BE PULLED BACK FROM THE TRUNK AS SPECIFIED IN MULCH PLACEMENT DETAIL.
 - THE BOTTOM WHORL OF PINE AND LARCH BRANCHES MAY HAVE TO BE REMOVED TO PERMIT INSTALLATION OF 12" MIN. HEIGHT RODENT GUARDS.
 - INSTALL ON ALL DECIDUOUS, PINE AND LARCH TREES, DO NOT PLACE ON SPRUCE TREES.
- A. SCREWS SHALL BE ROUND HEAD GALVANIZED 1/8" DIA. X 3/4" LONG WITH WASHERS.
 B. CABLE-TIES SHALL BE NYLON, AT LEAST 8" LONG AND BETWEEN 75LB TO 120LB TENSILE STRENGTH.

DESIGN:				
DRAWN:				
CHECKED:				
APPROVED:				
DATE:	04/08/24			
SCALE:	SEE SHEET	1 LK	05/06/24	ISSUED FOR BID DOCUMENTS
FILE:	NO.	BY	DATE	DESCRIPTION
REVISIONS				



5TH AVENUE
ECO-ORCHARD

LANDSCAPE CONSTRUCTION
DETAILS - 2

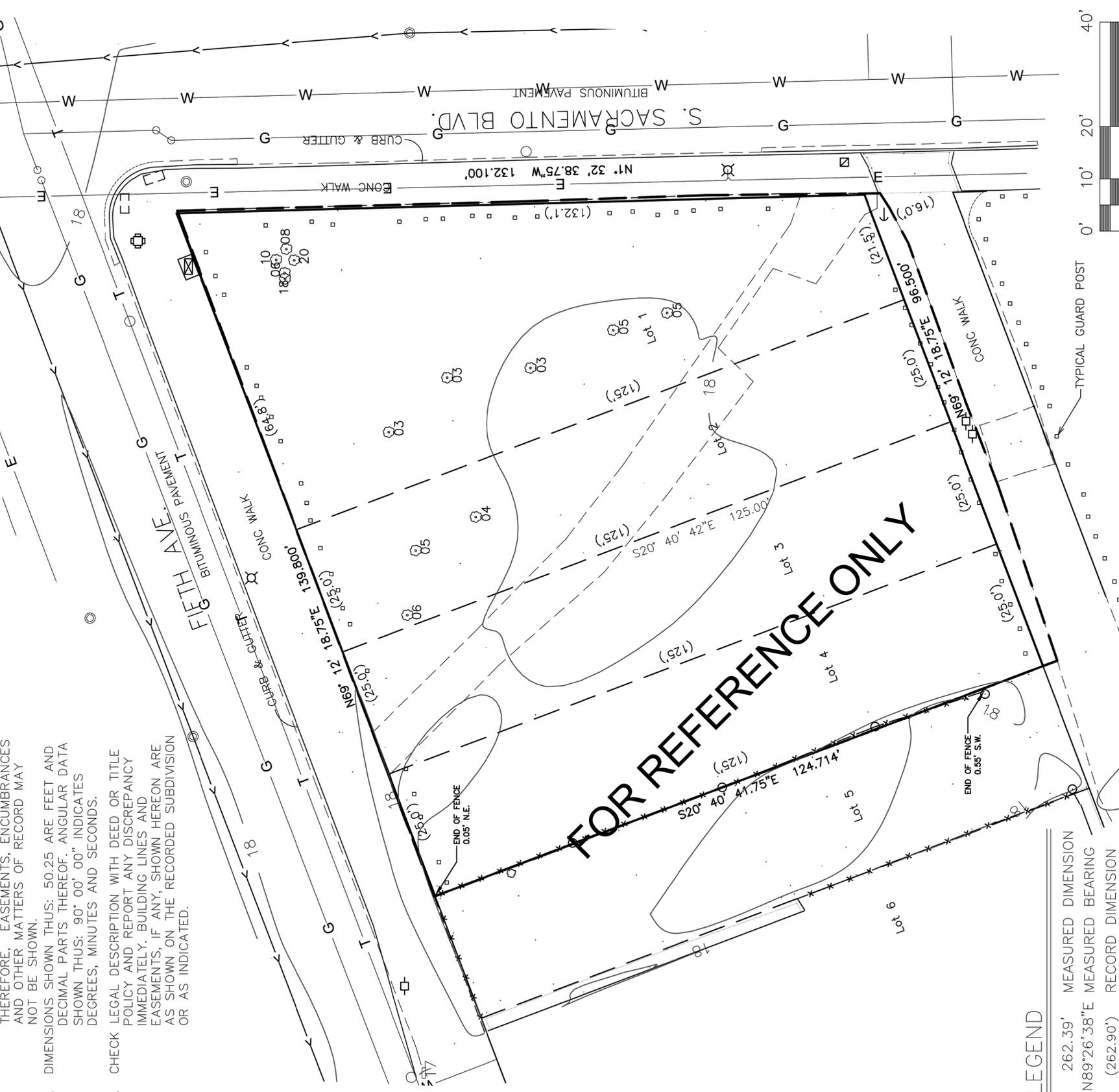
SPECIFICATION NO.	500594
DRAWING NO.	LD.03
PROJECT NO.	29530

PLAT OF SURVEY LEGAL DESCRIPTION

SURVEYOR'S NOTES

- NORTH ARROW AND BEARINGS BASED ON ILLINOIS STATE PLANE COORDINATES EAST ZONE NAD 83.
- LOCATIONS BASED ON FIELD SURVEY BY DB STERLIN CONSULTANTS. ON APRIL 25TH, 2017.
- THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A COMMITMENT FOR TITLE INSURANCE. THEREFORE, EASEMENTS, ENCUMBRANCES AND OTHER MATTERS OF RECORD MAY NOT BE SHOWN.
- DIMENSIONS SHOWN THUS: 50.25 ARE FEET AND DECIMAL PARTS THEREOF. ANGULAR DATA SHOWN THUS: 90° 00' 00" INDICATES DEGREES, MINUTES AND SECONDS.
- CHECK LEGAL DESCRIPTION WITH DEED OR TITLE POLICY AND REPORT ANY DISCREPANCY IMMEDIATELY. BUILDING LINES AND EASEMENTS, IF ANY, SHOWN HEREON ARE AS SHOWN ON THE RECORDED SUBDIVISION OR AS INDICATED.

ALL OF LOTS 1 AND 2 OF FRANCIS B LITTLE'S SUBDIVISION OF BLOCK 1 OF DERBY AND WALLACE'S SUBDIVISION THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 13, TOWNSHIP 39 NORTH, RANGE 13 EAST OF THE THIRD PRINCIPAL MERIDIAN, LYING SOUTH OF BARRY POINT RD. (CURRENTLY KNOWN AS 5TH AVE., AND ALSO KNOWN AS COLORADO AVE.) ACCORDING TO THE PLAT THEREOF, RECORDED ON MARCH 7TH, 1884, AS DOCUMENT NUMBER 529602, IN COOK COUNTY, ILLINOIS.



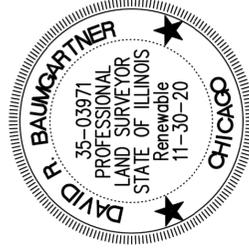
LEGEND

- 262.39' MEASURED DIMENSION
- N89°26'38"E MEASURED BEARING (262.90')
- RECORD DIMENSION
- LIMITS OF SURVEY
- REMEDATION BOUNDARY LIMITS

- CATCH BASIN
- BOLLARD
- FIRE HYDRANT
- LIGHT POLE
- MANHOLE
- POWER POLE
- SIGN
- HANDHOLE
- CONTROL BOX
- TRAFFIC SIGNAL
- VEGETATION TREE AND SIZE
- GAS VALVE

P.I.N.'S

- 16-13-115-011
- 16-13-115-010
- 16-13-115-009



STATE OF ILLINOIS
COUNTY OF COOK) SS

WE, DB STERLIN CONSULTANTS, INC., ILLINOIS PROFESSIONAL DESIGN FIRM NUMBER 184-001909, DO HEREBY CERTIFY THAT THE ATTACHED PLAT AND THE SURVEY UPON WHICH IT IS BASED WERE PREPARED AT AND UNDER OUR DIRECTION, AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

GIVEN UNDER MY HAND AND SEAL THIS 02ND DAY OF MAY IN CHICAGO, ILLINOIS.

DAVID R. BAUMGARTNER
I.P.L.S. NO. 35-03971
LICENSE EXPIRES NOVEMBER 30, 2020

SCALE: 1" = 20'



DB STERLIN CONSULTANTS, INC.
123 N. WACKER DRIVE SUITE 2000
CHICAGO, ILLINOIS 60606
TEL. (312)857-1006 FAX. (312)857-1056

PLAT OF SURVEY

NO.	DATE	REVISIONS DESCRIPTION	DBS/SR
12/10/2018			DBS
03/12/2019		Pipe Direction Revised	550.003
			SHEET NO. 2 OF 2 SHEETS

DESIGN:	DRAWN:	CHECKED:	APPROVED:	
DATE: 04/08/24				
SCALE: SEE SHEET	1 LK	05/06/24	ISSUED FOR BID DOCUMENTS	
FILE:	NO.	BY	DATE	DESCRIPTION
REVISIONS				



5TH AVENUE
ECO-ORCHARD

SITE SURVEY (FOR REFERENCE ONLY)

SPECIFICATION NO. 500594
DRAWING NO. SVY-1
PROJECT NO. 29530

TOTAL SHEETS 28	SHEET NO. 28
--------------------	-----------------