



INTEGRITY
ENVIRONMENTAL SERVICES, INC.

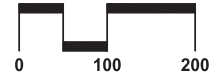
1220 IROQUOIS DRIVE, SUITE 100
NAPERVILLE, ILLINOIS 60563
(630) 718-9133
(630) 718-9114 (FAX)

PROJECT: CITY OF AURORA PUBLIC WORKS FACILITY
2100 EAST NEW YORK STREET
AURORA, ILLINOIS

OWNER: CITY OF AURORA
44 DOWNER PLACE
AURORA, ILLINOIS

DRAWN BY: OS IES NO.: 517-19
DATE: 2/8/24

SCALE: 1" ~ 200'



SCALE IN FEET



NORTH

AREA
LOCATION
MAP

C-1



DRAWN BY: OS
DATE: 1/31/24

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GENERAL NOTES

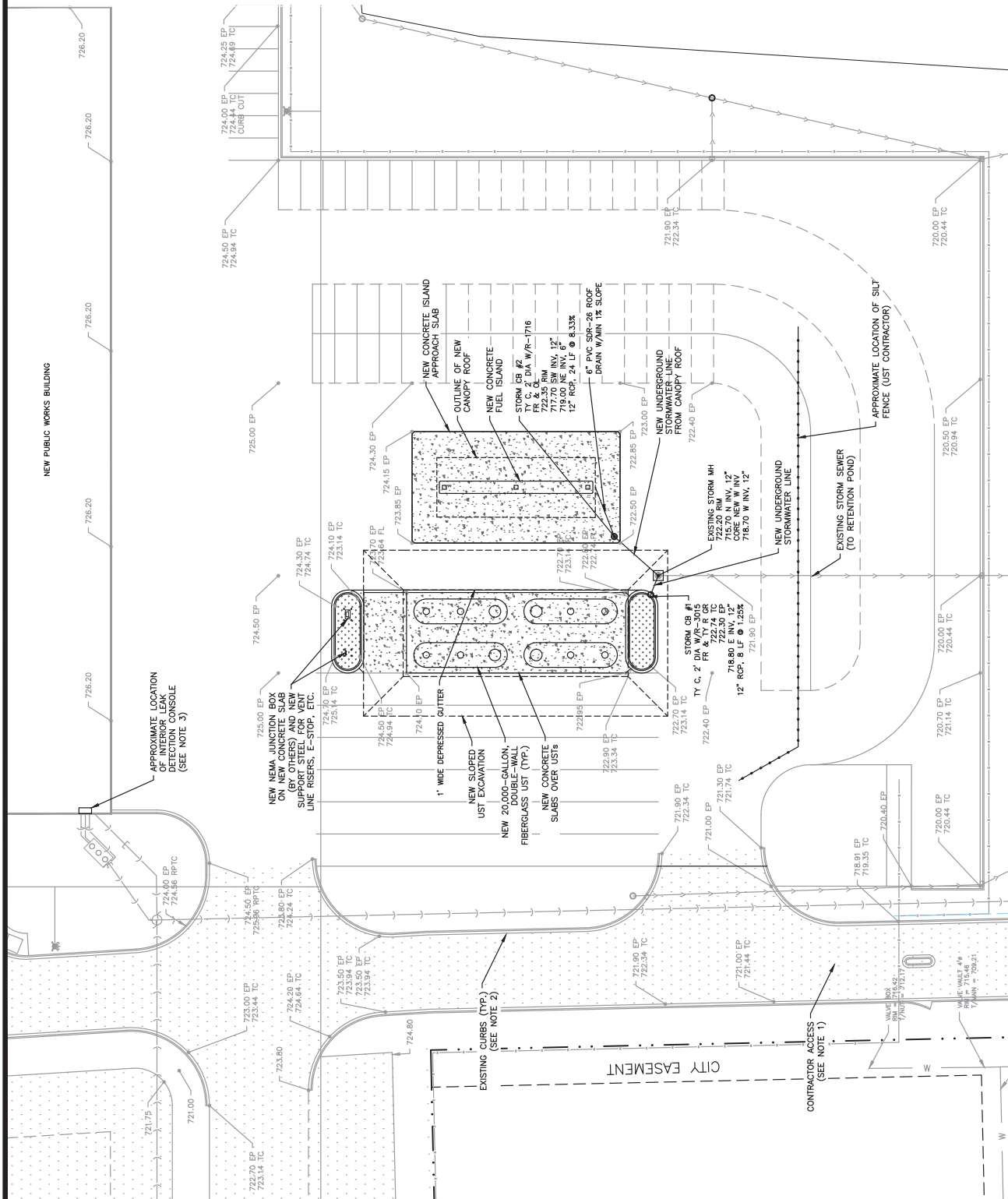
UNLIMITED ACCESS AND USAGE OF THE SITE IS PROHIBITED. COORDINATE ACCESS, STORAGE, STAGING AREAS, ETC., WITH THE CITY AT THE PRE-CONSTRUCTION MEETING. THE CITY OF AURORA PUBLIC WORKS FACILITY IS TO REMAIN IN OPERATION AND ACTIVE AT ALL TIMES DURING THE WORK. CONTRACTORS, SUB-CONTRACTORS, DELIVERIES, ETC., ARE EXPECTED TO FULLY COOPERATE IN EVERY WAY WITH THE DAILY OPERATIONS OF THE SITE.

ALL DIMENSIONS AND ITEMS PERTAINING TO EXISTING CONDITIONS AS SHOWN ARE LOCATED IN APPROXIMATION ONLY. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL DIMENSIONS, MEASUREMENTS, ITEM LOCATIONS, ETC.

COVER ALL EXISTING STORM WATER SURFACE OR CURB MANHOLE INLETS IN WORK AREAS WITH PERMEABLE FABRIC DURING THE WORK.

KEY NOTES

1. CONTRACTOR ACCESS TO/FROM EAST NEW YORK STREET. CONTRACTOR SHALL COORDINATE DAILY ALL EQUIPMENT, MATERIALS, DELIVERIES, AND VEHICLE MOVEMENT WITH DESIGNATED CITY OF AURORA PERSONNEL.
2. EXISTING CURBS AND GUTTERS SHALL BE PROTECTED FROM DAMAGE AT ALL TIMES DURING THE WORK, ANY DAMAGE CAUSED BY THE WORK OF THIS CONTRACT SHALL BE REPAIRED/REPLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE OWNER.
3. EXACT LOCATION OF LEAK DETECTOR, CONSOLE AND OTHER INTERCOMMENTS TO BE DISCUSSED AT THE PRE-CONSTRUCTION MEETING.



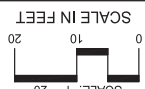
GENERAL NOTES

UNLIMITED ACCESS AND USAGE OF THE SITE IS PROHIBITED, COORDINATE ACCESS, USAGE, STAGING AREAS, ETC., WITH THE CITY AT THE PRE-CONSTRUCTION MEETING. CONTRACTOR IS TO REMAIN IN OPERATION AND ACTIVE AT ALL TIMES DURING THE WORK. CONTRACTORS, SUB-CONTRACTORS, DELIVERIES, ETC. ARE EXPECTED TO FULLY COORDINATE WITH THE DAILY OPERATIONS OF THE SITE.

ALL DIMENSIONS AND ITEMS PERTAINING TO EXISTING CONDITIONS ARE TO BE TAKEN FROM APPROXIMATELY 10' ONLY. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL DIMENSIONS.

COVER ALL EXISTING STORM WATER SURFACE OR CURB MANHOLE INLETS IN WORK AREAS WITH PERMEABLE FABRIC DURING THE WORK.

REFER TO DRAWING UT-3 FOR KEY NOTES.

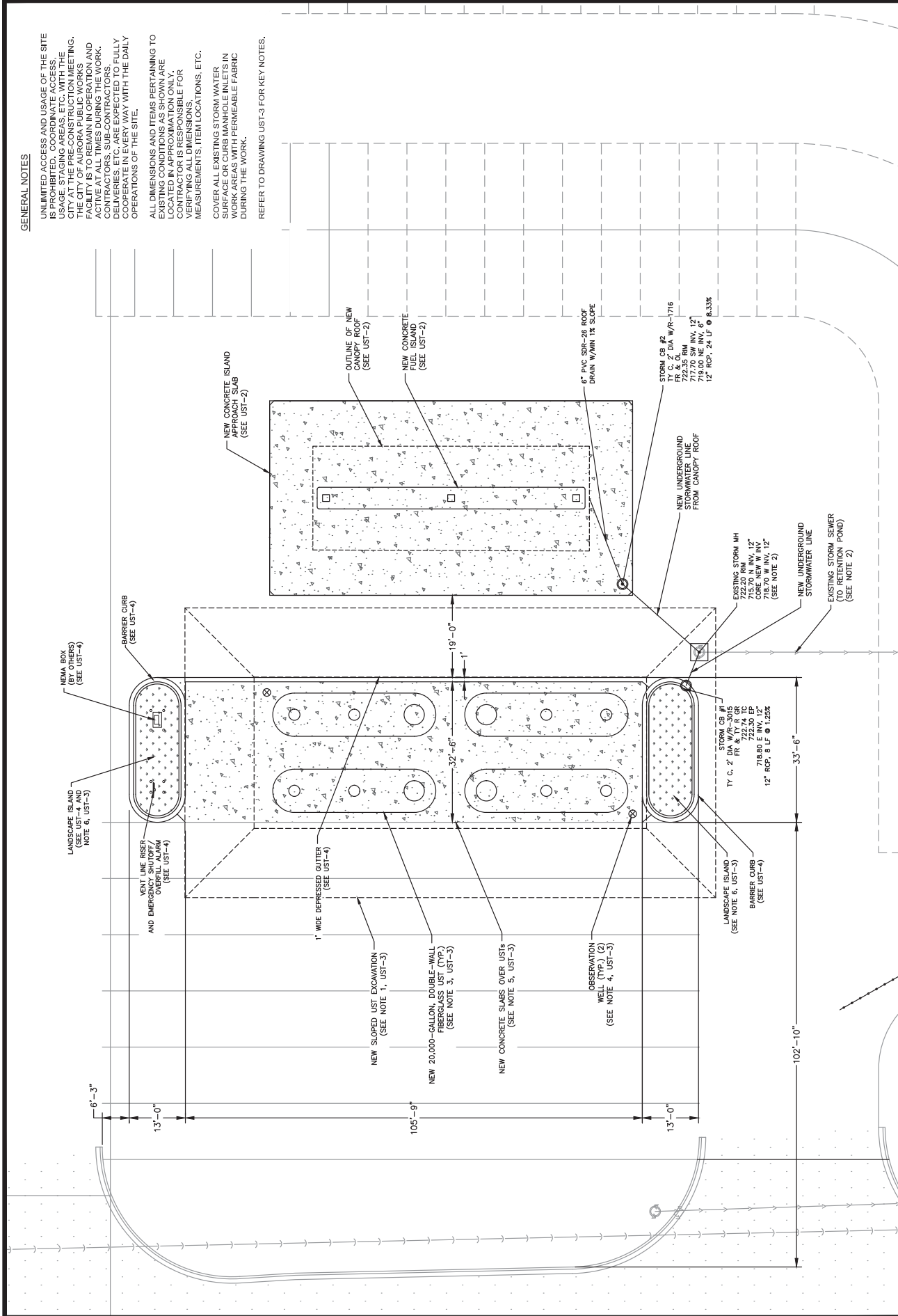


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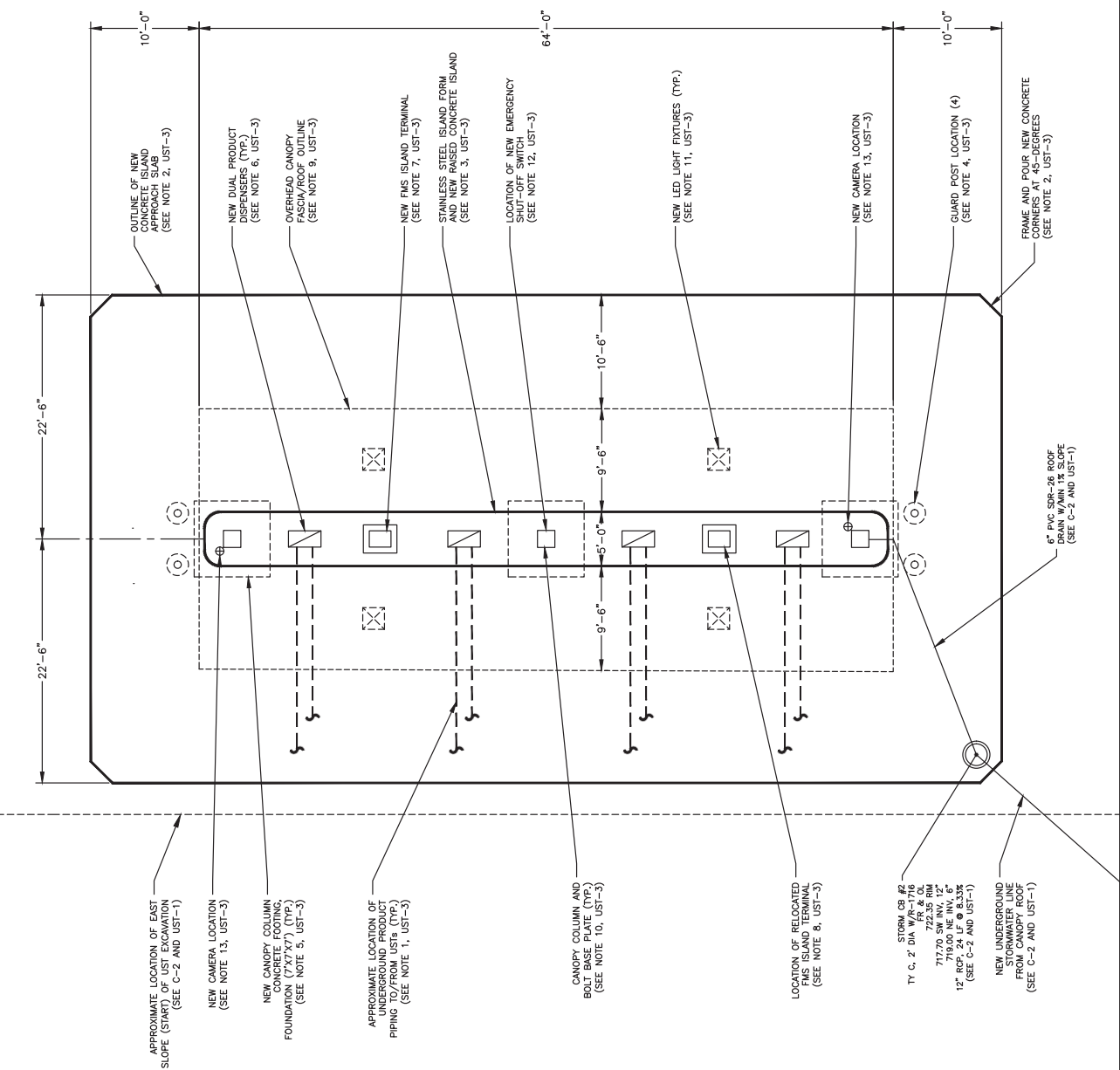


GENERAL NOTES

UNLIMITED ACCESS AND USAGE OF THE SITE IS PROHIBITED. COORDINATE ACCESS, USAGE, STAGING AREAS, ETC. WITH THE CITY AT THE PRE-CONSTRUCTION MEETING. THE CITY OF AURORA PUBLIC WORKS FACILITY IS TO REMAIN IN OPERATION AND CONTRACTORS SHALL BE RESPONSIBLE FOR DELIVERIES, ETC. ARE EXPECTED TO FULLY COOPERATE IN EVERY WAY WITH THE DAILY OPERATIONS OF THE SITE.

ALL DIMENSIONS AND ITEMS PERTAINING TO EXISTING CONDITIONS AS SHOWN ARE LOCATED IN APPROXIMATION ONLY. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL DIMENSIONS, MEASUREMENTS, ITEM LOCATIONS, ETC. COVER ALL EXISTING STORM WATER SURFACE OR CURB MANHOLE INLETS IN WORK AREAS WITH PERMEABLE FABRIC DURING THE WORK.

REFER TO DRAWING UST-3 FOR KEY NOTES.



**UST SYSTEM
INSTALLATION
ENLARGED PLAN
UST-2**

DRAWN BY: OS
DATE: 1/31/24
IES NO.: 517-19



PROJECT: CITY OF AURORA PUBLIC WORKS FACILITY
2100 EAST NEW YORK STREET
AURORA, ILLINOIS

OWNER: CITY OF AURORA
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AURORA, ILLINOIS

INTEGRITY
ENVIRONMENTAL SERVICES, INC.
1222 ROCKWOOD DRIVE, SUITE 100
NAPERVILLE, ILLINOIS 60563
(630) 719-9133
(630) 719-9114 (FAX)

KEY NOTES (UST-2)

1. GENERAL LOCATION OF NEW UNDERGROUND DOUBLE-WALL FIBERGLASS PRODUCT PIPING FROM NEW USTS TO NEW FUEL ISLAND SHALL BE AS SHOWN ON THE DRAWING. THE PIPING SHALL BE INSTALLED TO ONE (1) OF THE GASOLINE UST AND ONE (1) OF THE DIESEL FUEL UST, WHILE THE REMAINING DISPENSERS AND USTS SHALL BE CONNECTED SEPARATELY. SEE SPECIFICATION SECTION 020380 FOR ADDITIONAL DETAILS.
2. FURNISH AND INSTALL NEW 12" THICK, REINFORCED CONCRETE FUEL ISLANDS WITH 2'-4" 45-DEGREE ANGLE CUTS. SEE SPECIFICATION SECTION 030301 FOR CONCRETE, REINFORCING, AND SEALANT DETAILS. CUT 5" DEEP CONTROL JOINTS IN FLOURED-CURED CONCRETE SLABS AT 10'-0" INTERVALS. THE 12" THICK CONCRETE ISLANDS SHALL BE CAST IN ACCORDANCE WITH ELEVATIONS PLOTTED ON DRAWING C-2.
3. NEW CONCRETE FUEL ISLAND SHALL BE 12" (8" INCH) THICKNESS, OR GREATER, AND POURED INTO 64" X 52" (8" OR GREATER) STAINLESS-STEEL ISLAND FORMS). THE FORMS SHALL BE POSITIONED FOUR (4) INCHES (4") BELOW TOP OF NEW CONCRETE ISLAND SURFACE, OR GREATER, DEPENDENT UPON FINAL CONCRETE REINFORCING, AND SEALANT DETAILS. SEE SPECIFICATION SECTION 030301 FOR CONCRETE, REINFORCING, AND SEALANT DETAILS.
4. FURNISH AND INSTALL NEW VERTICAL GUARD POSTS (4" X 1/4" COUPLERS) SHOWN, FILLED WITH CONCRETE, AND COVER GUARD POSTS WITH A SAFETY YELLOW IDEAL-SHIELD (OR EQUAL) PLASTIC COVERS. SEE SPECIFICATION SECTION 030301 AND SECTION B, DRAWING UST-4 FOR ADDITIONAL DETAILS.
5. NEW CANOPY FOOTINGS FOUNDATIONS (3) SHALL BE 7' X 7' X 7' CONCRETE. THE FOUNDATIONS SHALL BE CAST IN ACCORDANCE WITH, ADHERE TO MANUFACTURER'S REQUIREMENTS REGARDING DEPTH TO GRADE, DIMENSIONS AND REINFORCEMENT STEEL. SEE SPECIFICATION SECTION 030301 FOR CONCRETE, REINFORCING, AND SEALANT DETAILS.
6. FURNISH AND INSTALL FOUR (4) NEW DUAL-PRODUCT STAINLESS-STEEL GASOLINE AND DIESEL FUEL WITH ELECTRONIC DISPLAY, BENNETT SERIES 3000, OR APPROVED EQUAL, CENTERED ON ISLAND AT LOCATIONS AS SHOWN. ALL DISPENSERS SHALL INCLUDE A DIESEL FUEL INDICATOR LIGHT. THE DISPENSERS SHALL INCLUDE A DISPENSER LOCATION WITH SENSOR, CABINET OVERHEAD RETRACTORS, BREAKAWAY HOSES, SPIN-ON INTERNAL FILTERS AND FUEL DISPENSING. TWO (2) DISPENSERS SHALL BE DEDICATED (PIPED TO ONE (1) OF THE GASOLINE UST AND ONE (1) OF THE DIESEL FUEL UST). THE REMAINING DISPENSERS AND USTS SHALL BE UNDETERMINED. SEE SPECIFICATION SECTION 020380 FOR ADDITIONAL DETAILS.
7. FURNISH AND INSTALL NEW FUEL MASTER 6000 MODEL, OR APPROVED EQUAL, FUEL MANAGEMENT SYSTEM AND ISLAND TERMINAL UNIT AT NEW FUEL ISLAND AT LOCATION SHOWN. INSTALLATION OF NEW FUEL MASTER SHALL BE IN ACCORDANCE WITH THE USER'S MANUAL (USER FACES WEST). INSTALLATION IN STRICT ACCORDANCE AND COMPATIBILITY WITH EXISTING CFA PROGRAM AND ALL OTHER EXISTING OWNER EQUIPMENT AND SOFTWARE. SEE SPECIFICATION SECTION 020380 AND NOTE 6, THIS DRAWING, FOR ADDITIONAL DETAILS.
8. REINSTATE EXISTING FUEL MASTER FUEL MANAGEMENT SYSTEM, TO BE DELIVERED TO THE SITE BY THE CITY OF ALCORA, AND ALL RELATED EXISTING EQUIPMENT, COMPONENTS (E.T.C.) FOR A COMPLETE OPERATIONAL SYSTEM. NEW AND RELATED SYSTEMS SHALL WORK WITH EXISTING SYSTEMS. THE NEW SYSTEMS SHALL BE INSTALLED ON EXISTING ISLAND TERMINAL UNIT ON NEW FUEL ISLAND AT LOCATION SHOWN. INSTALLATION OF NEW ISLAND TERMINAL KEYPAD READER SHALL BE IN ACCORDANCE WITH THE USER'S MANUAL (USER FACES WEST). INSTALLATION IN STRICT ACCORDANCE AND COMPATIBILITY WITH EXISTING CFA PROGRAM AND ALL OTHER EXISTING OWNER EQUIPMENT AND SOFTWARE. SEE SPECIFICATION SECTION 020380 AND NOTE 7, THIS DRAWING, FOR ADDITIONAL DETAILS.
9. FURNISH AND INSTALL CONSTRUCT ON-SITE NEW 64" X 24" X 16'-0" CONCRETE FUEL ISLANDS WITH 2'-4" 45-DEGREE ANGLE MANUFACTURING, OR EQUAL, AS SHOWN AND AS SPECIFIED IN SECTION 131250, CANOPY INSTALLATION AND FEATURES. CANOPY SHALL BE DELIVERED WITH STEEL PRIME-PAINTED BY (2) CANOPY MANUFACTURER/FINISHER. FINAL PAINTS (TWO (2) COATS), TO BE EXTERIOR-GRADE, EPOXY-BASED WHITE PAINT. CANOPY MANUFACTURING SHALL BE IN ACCORDANCE WITH THE USER'S MANUAL (USER FACES WEST). INSTALLATION IN STRICT ACCORDANCE AND COMPATIBILITY WITH EXISTING CFA PROGRAM AND ALL OTHER EXISTING OWNER EQUIPMENT AND SOFTWARE. SEE SPECIFICATION SECTION 020380 AND NOTE 7, THIS DRAWING, FOR ADDITIONAL DETAILS.
10. FURNISH AND INSTALL CONSTRUCT ON-SITE NEW 64" X 24" X 16'-0" CONCRETE FUEL ISLANDS WITH 2'-4" 45-DEGREE ANGLE MANUFACTURING, OR EQUAL, AS SHOWN AND AS SPECIFIED IN SECTION 131250, CANOPY INSTALLATION AND FEATURES. CANOPY SHALL BE DELIVERED WITH STEEL PRIME-PAINTED BY (2) CANOPY MANUFACTURER/FINISHER. FINAL PAINTS (TWO (2) COATS), TO BE EXTERIOR-GRADE, EPOXY-BASED WHITE PAINT. CANOPY MANUFACTURING SHALL BE IN ACCORDANCE WITH THE USER'S MANUAL (USER FACES WEST). INSTALLATION IN STRICT ACCORDANCE AND COMPATIBILITY WITH EXISTING CFA PROGRAM AND ALL OTHER EXISTING OWNER EQUIPMENT AND SOFTWARE. SEE SPECIFICATION SECTION 020380 AND NOTE 7, THIS DRAWING, FOR ADDITIONAL DETAILS.

NOTE SHEET

IES NO.: 517-19

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DATE: 2/8/24

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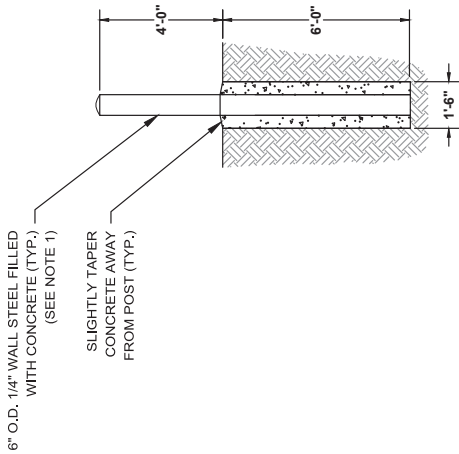
1220 IROQUOIS DRIVE, SUITE 10
NAPERVILLE, ILLINOIS 60563
(630) 718-9133
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UST-3

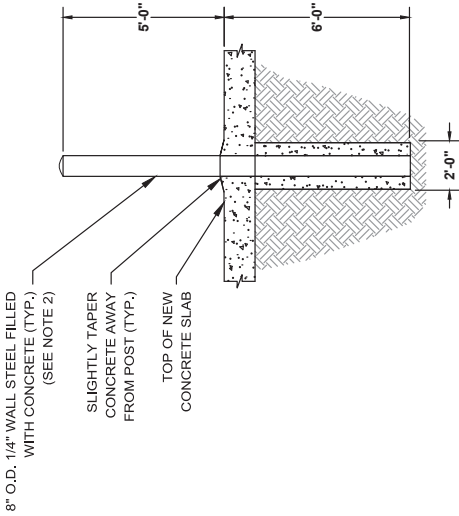
11. CROSSOVER AND INSTALL FOUR (4) NEW LED LIGHT FIXTURES. CROSSOVER MODEL ES-LED-4530-CW-LED-WHT (4 WHITE LEDS EACH LIGHT) OR APPROVED EQUIVALENT LIGHT FIXTURES SHALL BE 2' x 2'. THE CROSSOVER SHALL BE INSTALLED IN THE CENTER OF THE EXISTING PHOTOCELL SENSOR THAT ACTIVATES ALL LIGHTS AT DUSK AND DEACTIVATES AT DAWN. SENSOR CONTROLS SHALL ALSO INCLUDE PHOTOCELL SENSORS THAT DEACTIVATE ALL LIGHTS AT DUSK AND ILLUMINATION UPON MOTION DETECTION. WITH A RETURN TO THE SET DIMMER LIGHT WHEN MOTION IS NO LONGER DETECTED. LIGHTS SHALL BE INSTALLED IN THE CENTER OF THE CANOPY CEILING. INSTALL IN STRICT ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS AND ELECTRICAL STANDARDS. FINAL LIGHT INSTALLATION TO BE SUBMITTED TO OWNER FOR APPROVAL.
12. FURNISH AND INSTALL ONE (1) NEW EMERGENCY SHUTOFF SWITCH ON GROUND FLOOR TOP OF ISSA CONCOURSE. (25A-REQUIRED CITY ELECTRICAL CODE). THE SHUTOFF SWITCH SHALL BE INSTALLED IN THE OWNER'S MANAGER CERTIFICATION SIGNAGE AND FIRE EXTINGUISHER(S) TO BE PURCHASED AND INSTALLED BY THE OWNER.
13. FURNISH AND INSTALL CAMERA. ONE (1) ON EACH END COLUMN AT MID-LEVEL HEIGHT. FINAL CAMERA LOCATION TO BE CONFIRMED AT THE PRE-CONSTRUCTION MEETING. INSTALL IN STRICT ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS AND ELECTRICAL STANDARDS.

12. FURNISH AND INSTALL ONE (1) NEW EMERGENCY SHUTOFF SWITCH ON CENTER CANOPY COLUMN (EAST OF WEST FACE OF COLUMN) AT 5'-0" ABOVE TOP OF ISLAND CONCRETE. OSFM-REQUIRED CITY FLEET MANAGER CERTIFICATION SIGNAGE AND FIRE EXTINGUISHER(S) TO BE FURNISHED AND INSTALLED BY THE OWNER.

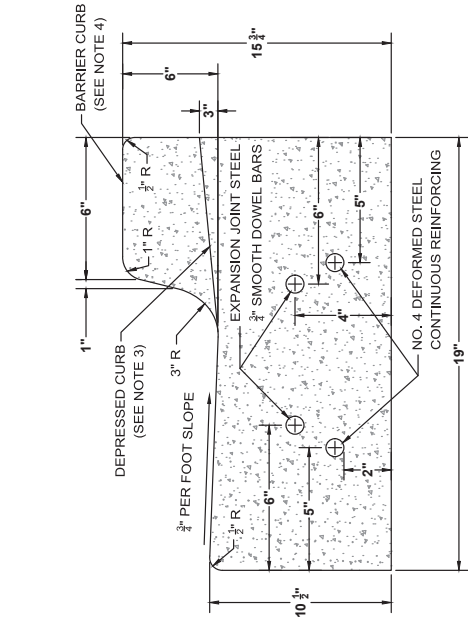
13. FURNISH AND INSTALL CAMERAS, ONE (1) ON EACH END COLUMN AT MID-LEVEL HEIGHT. FINAL CAMERA LOCATION TO BE CONFIRMED AT THE PRE-CONSTRUCTION MEETING. INSTALL IN STRICT ACCORDANCE WITH ALL MANUFACTURER'S REQUIREMENTS AND ELECTRICAL STANDARDS.



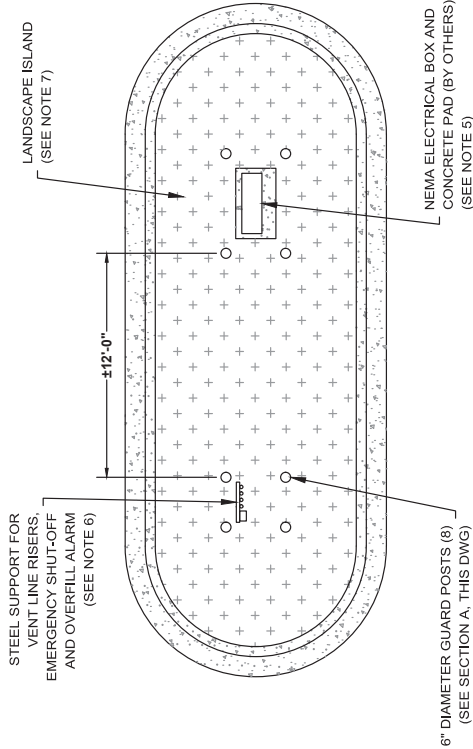
SECTION A
6" O.D. GUARD POST DETAIL
(NO SCALE)



SECTION B
8" O.D. GUARD POST DETAIL
(NO SCALE)



CONCRETE CURB AND GUTTER
(NO SCALE)



NORTH LANDSCAPE ISLAND COMPONENTS DETAIL
(NO SCALE)

GENERAL NOTES
REFER TO DRAWING C-2 FOR GENERAL NOTES.

KEY NOTES

- FURNISH AND INSTALL 6" DIAMETER, 10'-0" LONG STEEL GUARD POSTS AT LOCATIONS AROUND NEW LANDSCAPE ISLAND FEATURES AS SHOWN ON NORTH LAYOUT. GUARD POSTS SHALL BE BURIED 6'-0" BELOW SURFACE GRADE AND SHALL BE 4'-0" (EXPOSED) ABOVE SURFACE GRADE. GUARD POSTS SHALL BE FILLED WITH CONCRETE UPON INSTALLATION AND INSTALLED IN 16" DIAMETER (MINIMUM) CONCRETE-FILLED CYLINDRICAL FORMS (SONG-TUBE, OR EQUAL) PRIOR TO OR SIMULTANEOUS WITH INSTALLATION OF CONCRETE UST SLAB. COVER ALL GUARD POSTS WITH SAFETY YELLOW IDEAL SHIELD, OR EQUAL, TIGHT-FITTING PLASTIC COVERS.
- FURNISH AND INSTALL 8" DIAMETER, 11'-0" LONG STEEL GUARD POSTS AT LOCATIONS AROUND NEW FUEL ISLAND AT LOCATIONS SHOWN (A TOTAL OF 4 GUARD POSTS SHALL BE BURIED 6'-0" BELOW SURFACE GRADE AND SHALL BE 4'-0" (EXPOSED) ABOVE SURFACE GRADE. GUARD POSTS SHALL BE FILLED WITH CONCRETE UPON INSTALLATION AND INSTALLED IN 24" DIAMETER (MINIMUM) CONCRETE-FILLED CYLINDRICAL FORMS (SONG-TUBE, OR EQUAL) PRIOR TO OR SIMULTANEOUS WITH INSTALLATION OF CONCRETE UST SLAB. COVER ALL GUARD POSTS WITH SAFETY YELLOW IDEAL SHIELD, OR EQUAL, TIGHT-FITTING PLASTIC COVERS.
- EAST SIDE OF UST CONCRETE SLAB, SLOPE IN ACCORDANCE WITH ELEVATION POINTS NOTED ON DRAWING C-2. CONTRACTOR SHALL BE RESPONSIBLE FOR PLACING AND FINISHING CURB AND GUTTER. CURB SHALL BE PLACED ON, 10' FROM CENTERLINE AND SHALL BE SAW-CUT TO A MINIMUM DEPTH OF TWO (2) INCHES FROM FRONT TO BACK WITHIN TWENTY-FOUR (24) HOURS OF CONCRETE PLACEMENT.
- FURNISH AND INSTALL BASED BARRIER CURB TYPE AROUND NORTH AND SOUTH LANDSCAPE ISLANDS. SLOPE IN ACCORDANCE WITH ELEVATION POINTS NOTED ON DRAWING C-2. CURB RADIUS AS SHOWN ON DRAWING UST-1. CONTRACTION JOINTS SHALL BE PLACED AT 10' INTERVALS. CURB SHALL BE SAW-CUT TO A MINIMUM DEPTH OF TWO (2) INCHES FROM FRONT TO BACK WITHIN TWENTY-FOUR (24) HOURS OF CONCRETE PLACEMENT.
- LOCATION OF NEW ELECTRICAL NEMA BOX AND NEW CONDUIT TO BE ROUTED BY OTHERS FROM SOUTHWEST CORNER OF NEW PUBLIC WORKS BUILDING TO NEMA BOX FOR NEW FUELING STATION EQUIPMENT AND FEATURES.
- APPROXIMATE LOCATION OF VERTICAL GALVANIZED STEEL UST VENT LINE RISERS (TO A HEIGHT OF 12'-0" ABOVE SUB-GRADE), SECURELY SUPPORT VENT RISERS WITH GALVANIZED UNI-STRUT STEEL SUPPORT. GALVANIZED UNI-STRUT THAT IS FIELD-CUT SHALL BE FIELD-BOLTED TO SUPPORT. PROVIDE EMERGENCY SHUT-OFF SWITCH, INSTAL MOUNT EMERGENCY SHUT-OFF SWITCH, OVERFILL ALARM, TO SUPPORT STRUCTURE AT THIS LOCATION. PROVIDE SHOP DRAWINGS OF STEEL SUPPORT STRUCTURE FOR APPROVAL PRIOR TO CONSTRUCTION.
- TOP OF SUB-GRADE (SOIL) WITHIN LANDSCAPE ISLANDS SHALL BE 6" BELOW TOP OF CURB. ADDITIONAL SOIL FILL AND LANDSCAPING BY OTHERS.