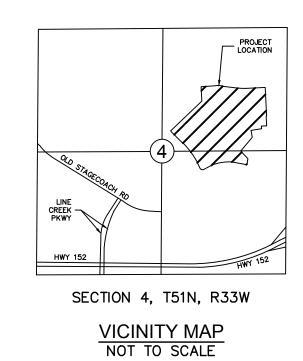
#### PROJECT TEAM & UTILITY CONTACT LIST OWNER PLATTE COUNTY RIII NAME: KCMO PUBLIC WORKS PHONE: 816-513-2627 998 PLATTE FALLS ROAD PLATTE CITY, MO 64079 NAME: KCMO WATER SERVICES DEPARTMENT CONTACT: JAY HARRIS PHONE: 816-513-2171 PHONE: 816.858.5420 EMAIL: HARRISJ@PLATTECO.K12.MO.US PHONE: 314-342-0500 NAME: AT&T PHONE: 800-286-8313 1301 BURLINGTON, SUITE 100 NORTH KANSAS CITY, MO 64116 CONTACT: DAVID EICKMAN, P.E. PHONE: 816-471-5275 EMAIL: DEICKMAN@OLSSON.COM NAME: SPECTRUM (TWC) PHONE: 877-772-2253 **SURVEYOR** NAME: GOOGLE FIBER PHONE: 877-454-6959 1301 BURLINGTON, SUITE 100 NORTH KANSAS CITY, MO 64116 CONTACT: JASON ROUDEBUSH, P.L.S. PHONE: 816.361.1177 EMAIL: JROUDEBOUSH@OLSSON.COM HOLLIS & MILLER ARCHITECTS 1828 WALNUT ST., SUITE 922 KANSAS CITY, MO 64108 CONTACT: TRENT GAREIS PHONE: 816.442.770 EMAIL: TGAREIS@HOLLISANDMILLER.COM

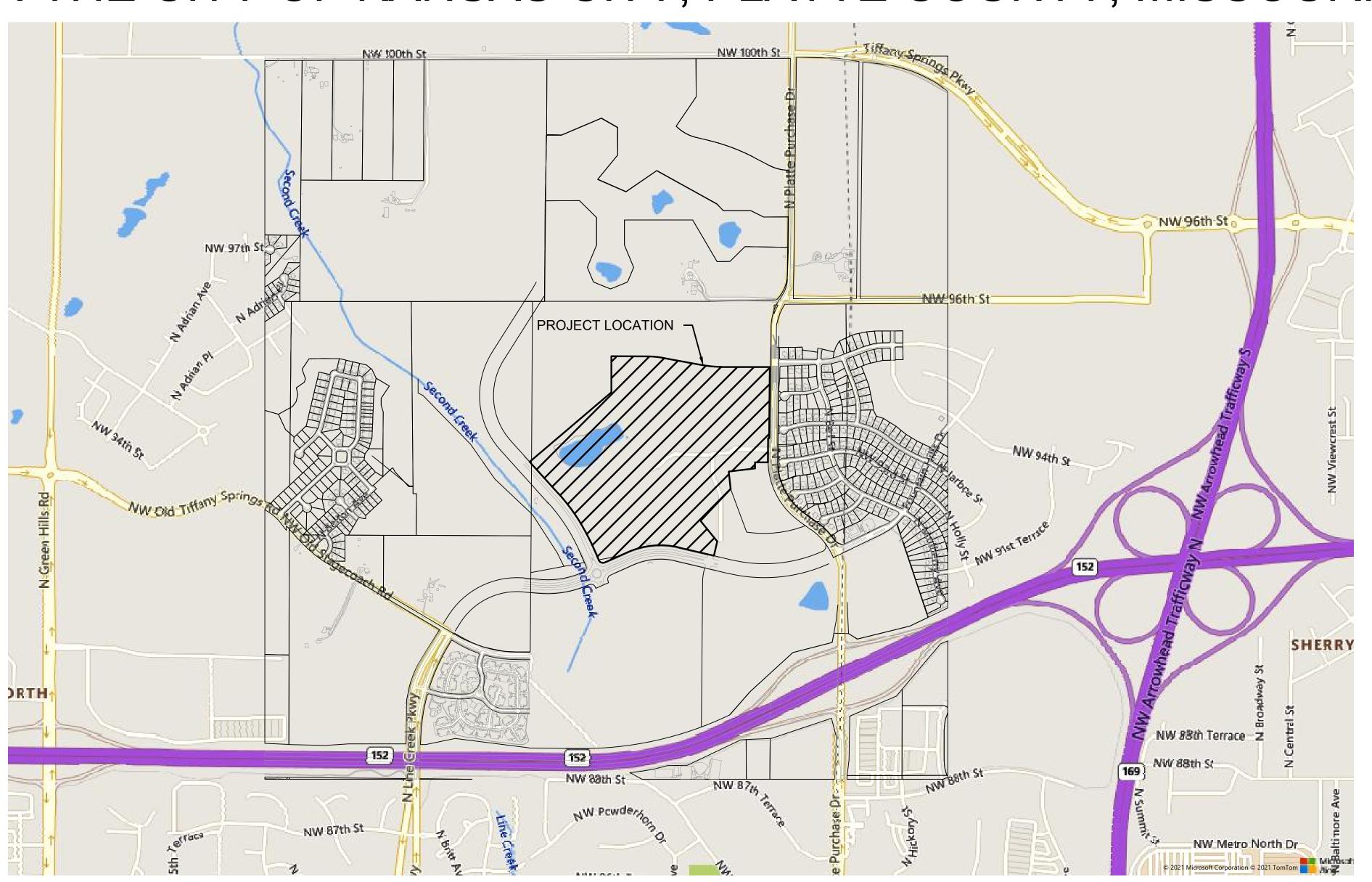


S	heet List
Number	Title
C150	TITLE SHEET
C151	GENERAL NOTES
C351	SITE PLAN
C451	GRADING PLAN
C452	GRADING DETAILS

"X" CUT ON NORTH TOP FLANG BOLT ON SOUTHEAST AREA OF ROUNDABOUT FIRE HYDRANT ELEV. = 1038.75

# PUBLIC ROW IMPROVEMENTS FOR PLATTE COUNTY R3

A SUBDIVISION LYING IN THE NORTHEAST & SOUTHEAST  $\frac{1}{4}$ OF SECTION 4, TOWNSHIP 51N, RANGE 33W IN THE CITY OF KANSAS CITY, PLATTE COUNTY, MISSOURI



A TRACT OF LAND BEING SITUATED IN THE NORTHEAST AND SOUTHEAST QUARTERS OF SECTION 4, TOWNSHIP 51 NORTH, RANGE 33 WEST IN THE CITY OF KANSAS CITY, PLATTE COUNTY, MISSOURI, SAID TRACT OF LAND BEING A PORTION OF THAT CERTAIN TRACT OF LAND DESCRIBED AS SET FORTH AS TRACT X IN THE QUIT CLAIM DEED FILED NOVEMBER 29, 2001 IN THE OFFICE OF THE RECORDER OF DEEDS FOR SAID COUNTY AND STATE IN BOOK 959 AT PAGE 389. SAID TRACT OF LAND BEING NOW MORE PARTICULARLY DESCRIBED AS FOLLOWS: COMMENCING AT THE NORTHWEST CORNER OF THE NORTHEAST QUARTER OF AFORESAID SECTION 4 (NORTH QUARTER CORNER); THENCE S 00°21'15" W ALONG THE WEST LINE OF THE NORTHEAST 655.92 FEET; THENCE S 23\*59'14" E, TANGENT TO THE LAST DESCRIBED CURVE, A DISTANCE OF 177.35 FEET TO A POINT ON THE NORTH LINE OF THAT CERTAIN TRACT OF LAND DESCRIBED AS SET FORTH IN THE MISSOURI SPECIAL WARRANTY DEED RECORDED JULY 31, 2017 IN THE AFORESAID OFFICE OF THE RECORDER OF DEEDS IN BOOK 1282 AT PAGE 926; TEHNCE N 79°23'32" E 66°00'46" E. DEPARTING FROM THE NORTH LINE OF THE PARCEL OF LAND DESCRIBED AS SET FORTH IN SAID MISSOURI SPECIAL WARRANTY DEED. A DISTANCE OF 99.43 FEET: THENCE NORTHEASTERLY, EASTERLY AND SOUTHEASTERLY ALONG A CURVE TO THE RIGHT, TANGENT TO THE LAST DESCRIBED COURSE, HAVING A RADIUS OF 863.00 FEET AND A CENTRAL ANGLE OF 3712'04", AN ARC LENGTH OF 560.33 FEET; THENCE S 76°47'11" E, TANGENT TO THE LAST DESCRIBED CURVE, A DISTANCE OF 390.18 FEET; THENCE N 1312'49" E, PERPENDICULAR TO THE LAST DESCRIBED COURSE, A DISTANCE OF 158.84 FEET; THENCE N 39°08'08" E, 285.14 FEET; THENCE N 43°23'13" E, 472.99 FEET; THENCE N 06°45'27" W, 187.37 FEET; THENCE N 83°14'52" E, 285.97 FEET; THENCE N 00°00'00" W, 66.18 FEET; THENCE N 89°57'44" E, 139.18 FEET TO A POINT ON THE WESTERLY RIGHT-OF-WAY LINE OF NORTH PLATTE PURCHASE DRIVE AS NOW ESTABLISHED BY THE FOUNTAIN HILLS - FIRST PLAT, A SUBDIVISION IN SAID CITY, COUNTY AND STATE ACCORDING TO THE RECORDED PLAT THEREOF; THENCE NORTHERLY ALONG THE WESTERL' RIGHT-OF-WAY LINE OF NORTH PLATTE PURCHASE DRIVE ESTABLISHED BY SAID FOUNTAIN HILLS - FIRST PLAT, THE FOLLOWING COURSES AND DISTANCES; THENCE NORTHERLY ALONG A CURVE TO THE RIGHT HAVING AN INITIAL TANGENT BEARING OF N 01"12'55" W, A RADIUS OF 800.00 FEET AND A CENTRAL ANGLE OF 1"45'29", AN ARC LENGTH OF 24.55 FEET TO A POINT 50 FEET THE LAST DESCRIBED CURVE AND ALONG A LINE 50 FEET WEST OF AND PARALLEL WITH THE EAST LINE OF THE NORTHEAST QUARTER OF SAID SECTION 4, A DISTANCE OF 235.03 FEET (PLAT & MEAS.) TO THE NORTHWEST CORNER OF SAID FOUNTAIN HILLS - FIRST PLAT; THENCE S 89°40'31" E (S 89°40'43" E, PLAT) ALONG THE NORTH LINE OF SAID FOUNTAIN HILLS - FIRST PLAT, A DISTANCE OF 10.50 FEET TO A POINT 39.50 WEST OF THE EAST LINE OF THE NORTHEAST QUARTER OF SAID SECTION 4, AS MEASURED PERPENDICULAR TO THE EAST LINE THEREOF; THENCE N 00° 32'34" E, DEPARTING FROM THE WESTERLY RIGHT-OF-WAY LINE OF NORTH PLATTE PURCHASE DRIVE, ALONG A LINE 39.50 FEET WEST OF AND PARLLEL WITH THE EAST LINE OF THE NORTHEAST QUARTER OF SAID SECTION 4, A DISTANCE OF 766.02 FEET; THENCE S 90°00'00" W, 521. 41 FEET; THENCE WESTERLY AND NORTHWESTERLY ALONG A CURVE TO THE RIGHT, TANGENT TO THE LAST DESCRIBED COURSE, HAVING A RADIUS OF 1,074.00 FEET AND A CENTRAL ANGLE OF 10°29'33", AN ARC LENGTH OF 196.68 FEET; THENCE N 79°30'27" W, TANGENT TO THE LAST DESCRIBED CURVE, A DISTANCE OF 438.44 FEET; THENCE NORTHWESTERLY AND WESTERLY ALONG A CURVE TO THE LEFT, TANGENT TO THE LAST DESCRIBED COURSE, HAVING A RADIUS OF 974.00 FEET AND A CENTRAL ANGLE OF 1012'45", AN ARC LENGTH OF 173.61 FEET; THENCE N 89'43'12" W, TANGENT TO THE LAST DESCRIBED CURVE, A DISTANCE OF 384.86 FEET; THENCE S 00°00'14" W, 388.62 FEET; THENCE S 49°36'44" W, 1,154.20 FEET; THENCE S 42°05'25" E, 28.96 FEET TO THE POINT OF BEGINNING. CONTAINING 3,746,422 SQUARE FEET OR 86.006 ALSO INCLUDING THE FOLLOWING VARIABLE WIDTH STRIP OF LAND SITUATED IN THE MISSOURI SPECIAL WARRANTY DEED RECORDED IN BOOK 1282 AT PAGE 926, BEING MORE PARTICULARLY A VARIABLE WIDTH STRIP OF LAND BEING SITUATED IN THE SOUTHEAST QUARTER OF SECTION 4, TOWNSHIP 51 NORTH, RANGE 33 WEST IN THE CITY OF KANSAS CITY, PLATTE COUNTY, MISSOURI, SAID STRIP OF LAND BEING A PORTION OF THAT CERTAIN TRACT OF LAND DESCRIBED AS SET FORTH IN THE MISSOURI SPECIAL WARRANTY DEED RECORDED JULY 31, 2017 IN THE OFFICE OF THE RECORDER OF DEEDS FOR SAID COUNTY AND STATE IN BOOK 1282 AT PAGE 926. SAID VARIABLE WIDTH STRIP OF LAND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS: COMMENCING AT THE NORTHWEST CORNER OF THE NORTHEAST QUARTER (NORTH QUARTER CORNER) OF AFORESAID SECTION 4: THENCE S 00°29'01" W. DEED) ALONG THE WEST LINE OF THE SOUTHEAST QUARTER OF SAID SECTION 4, A DISTANCE OF 394.51 FEET, DEED AND MEASURED TO THE NORTHWEST CORNER OF THAT CERTAIN TRACT OF LAND DESCRIBED AS SET FORTH IN THE AFORESAID MISSOURI SPECIAL WARRANTY DEED; THENCE N 79°23'32" E (N 79°22'24" E, DEED) ALONG THE NORTHERLY LINE OF THE TRACT OF LAND DESCRIBED IN SAID MISSOURI SPECIAL WARRANTY DEED, A DISTANCE OF 741.92 FEET TO THE POINT OF BEGINNING OF THE VARIABLE WIDTH STRIP OF LAND TO BE HEREIN DESCRIBED; THENCE SOUTH 23°59'14" EAST, DEPARTING FROM THE NORTHERLY LINE OF THAT CERTAIN TRACT OF LAND DESCRIBED AS SET FORTH IN THE SAID MISSOURI SPECIAL WARRANTY DEED, A DISTANCE OF 2.58 FEET; THENCE SOUTHEASTERLY, EASTERLY AND NORTHEASTERLY ALONG A CURVE TO THE LEFT, TANGENT TO THE LAST DESCRIBED COURSE, HAVING A RADIUS OF 50.00 FEET AND A CENTRAL ANGLE OF 90°00'00", AN ARC LENGTH OF 78.54 FEET: THENCE NORTH 66°00'46" EAST. TANGENT TO THE LAST DESCRIBED CURVE. A DISTANCE OF 171.06 FEET TO A POINT ON THE NORTHERLY LINE OF THAT CERTAIN TRACT OF LAND DESCRIBED AS SET FORTH IN THE SAID MISSOURI SPECIAL WARRANTY DEED; THENCE S 79°23'32" W (S 79°22'24" W . DEED) ALONG THE NORTHERLY LINE OF THE TRACT OF LAND DESCRIBED IN THE SAID MISSOURI SPECIAL WARRANTY DEED, A DISTANCE OF 227.23 FEET TO THE POINT OF BEGINNING. CONTAINING 5,275 SQUARE FEET, MORE OR LESS. CONTAINING A TOTAL

OF 3,751 SQUARE FEET OR 86.127 ACRES, MORE OR LESS.



THE CONTRACTOR SHALL ADHERE TO THE PROVISIONS OF THE SENATE BILL NUMBER 583, MISSOURI. THE BILL REQUIRES THAT ANY PERSON OR FIRM DOING EXCAVATION ON PUBLIC RIGHT— OF-WAY DO SO ONLY AFTER GIVING NOTICE TO, & OBTAINING INFORMATION FROM, UTILITY COMPANIES. STATE LAW REQUIRES 48 HOURS ADVANCE

JOB NO: 20021 DRAWN BY: AA/GS/JN/OS/QL

**CHECKED BY: DE** 

DATE: 08.16.2021

# Description

115 Wilcox Street Suite 21

Missouri State Certificate of Authority

1301 Burlington Street, Suite100 North Kansas City, MO 64116

State Certificate of Authority #200500028

1301 Burlington Street, Suite 100

State Certificate of Authority #E-556I

State Certificate of Authority #E-556D

North Kansas City, MO 64116

913.381.1170 phone

MEPF ENGINEER Henderson Engineers

913.742.5000 phone

**AV/IT ENGINEER** Henderson Engineers

8345 Lenexa Drive, Ste 300

8345 Lenexa Drive, Ste 300

Architecture # 0000161 Structure # 2006031333

www.olsson.com

OLSSON - CIVIL ENGINEERING MO CERTIFICATE OF AUTHORITY #:001592 1301 BURLINGTON, SUITE 100 NORTH KANSAS CITY, MO 64116 TEL 816.361.1177

NOTICE. CALL 1-800-DIG-RITE.

TITLE SHEET

## GENERAL NOTES 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT THE PLANS IN THEIR POSSESSION ARE THE MOST CURRENT VERSION ISSUED, ARE FULLY COORDINATED WITH ALL SUBCONTRACTORS, AND PRESENT ON SITE AT ALL TIMES. CURRENT PLANS PREPARED BY OLSSON MAY BE OBTAINED AT THE DIRECTION OF OLSSON'S CLIENT. DIRECT REQUESTS TO OLSSON MAY REQUIRE ADDITIONAL AUTHORIZATIONS, AGREEMENTS, AND/OR FEES. PLEASE CONTACT THE ENGINEER FOR INFORMATION. 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DEVIATIONS FROM THESE PLANS UNLESS WRITTEN APPROVAL FROM ENGINEER, OWNER, AND DEVELOPER. 3. ALL WORK AND MATERIALS SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE OWNER OR THE OWNER'S REPRESENTATIVE. 4. ALL ESTIMATES OF QUANTITIES ARE FOR INFORMATIONAL PURPOSES ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING QUANTITIES AND ITEMS OF WORK. 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL LABOR, MATERIALS, AND EQUIPMENT REQUIRED TO COMPLETE THE WORK SHOWN IN THE PLANS. 6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS, PAYING ALL FEES, AND FOR OTHERWISE COMPLYING WITH ALL APPLICABLE REGULATIONS GOVERNING THE 7. THE CONTRACTOR SHALL NOT ENGAGE IN ACTIVITIES THAT MAY ENCROACH ON WATERS OF THE U.S., INCLUDING WETLANDS, UNTIL ANY NECESSARY PERMITS MAY BE OBTAINED. THE CONTRACTOR SHALL REVIEW AND COMPLY WITH ALL CONDITIONS DESCRIBED IN THE PERMIT. 8. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, THE SAFETY OF ALL PERSONS INCLUDING VISITORS AND THE GENERAL PUBLIC, AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY THROUGHOUT THE PROJECT AND NOT BE LIMITED BY WORKING HOURS. ANY CONSTRUCTION OBSERVATION BY THE ENGINEER OF THE CONTRACTOR'S PERFORMANCE IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES. 9. PRIOR TO COMMENCEMENT OF WORK THE CONTRACTOR SHALL NOTIFY AND COORDINATE WITH ALL UTILITY COMPANIES AND OBTAIN ANY RELEVANT INFORMATION. NOTIFY ENGINEER OF ANY 10. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL BOUNDARY CORNERS AND SECTION CORNERS. ANY BOUNDARY CORNER AND/OR SECTION CORNER DISTURBED OR DAMAGED BY CONSTRUCTION ACTIVITIES SHALL BE RESET BY A LAND SURVEYOR LICENSED IN THE STATE OF MISSOURI, AT THE CONTRACTOR'S EXPENSE. 11. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ADJACENT PROPERTIES AND SHALL TAKE ALL PRECAUTIONS NECESSARY TO PREVENT DAMAGE DURING CONSTRUCTION. THE CONTRACTOR IS ALSO RESPONSIBLE FOR REPAIRING ANY DAMAGE RESULTING FROM CONSTRUCTION ACTIVITIES. 12. PRIOR TO MOVING OFF THE JOB THE CONTRACTOR SHALL NOTIFY THE OWNER AND ENGINEER TO PERFORM A FINAL WALK-THROUGH OF THE CONSTRUCTION SITE. REFERENCES 1. ARCHITECTURAL AND STRUCTURAL ELEMENTS SHOWN IN THESE PLANS ARE FOR REFERENCE ONLY. CONTRACTORS AND SURVEYORS SHALL REFERENCE THEIR RESPECTIVE PLANS FOR DESIGN INFORMATION. 2. THE CONTRACTOR SHALL ADHERE TO THE SITE PREPARATION AND STRUCTURAL FILL RECOMMENDATIONS IN THE GEOTECHNICAL REPORT AS PROVIDED BY THE GEOTECHNICAL ENGINEER INCLUDING ALL CURRENT ADDENDUMS. THE STANDARDS AND SPECIFICATIONS OF KANSAS CITY, MO SHALL ALSO APPLY AND TAKE PRECEDENCE WHEN STRICTER THAN THE GEOTECHNICAL REPORT OR WHEN NO GEOTECHNICAL REPORT IS GIVEN. 3. UNLESS EXPLICITLY DESCRIBED OTHERWISE WITHIN THESE PLANS THE FOLLOWING SHALL APPLY; A. ALL CONSTRUCTION, INCLUDING THOSE LISTED BELOW, SHALL CONFORM TO THE LATEST CODES AND ORDINANCES OF KANSAS CITY, MO. B. ALL CONSTRUCTION IN MoDOT RIGHT-OF-WAY SHALL CONFORM TO THE LATEST SPECIFICATIONS ADOPTED BY U.S. DEPARTMENT OF TRANSPORTATION AND MoDOT. C. ALL TRAFFIC CONTROL SIGNAGE SHALL CONFORM WITH THE CURRENT EDITION OF THE MANUAL FOR UNIFORM TRAFFIC G CONTROL DEVICES (MUTCD). D. ALL UTILITY EXTENSIONS AND CONSTRUCTION SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS OF THE UTILITY E. ALL EXTERIOR PAVEMENT (PCC, ASPHALT, ETC.) SHALL BE IN CONFORMANCE WITH THE SPECIFICATIONS OF KANSAS CITY, MO AND THE RECOMMENDATIONS OF THE GEOTECHNICAL 4. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE DELIVERY MANAGER AND COORDINATING ANY MAILBOXES THAT MAY BE DISTURBED. FAILURE TO DO SO MAY SUBJECT THE CONTRACTOR TO PROSECUTION BY THE FEDERAL GOVERNMENT.

## **EXISTING CONDITIONS**

- 1. THE CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH THE EXISTING CONDITIONS OF THE PROJECT AREA.
- 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PERFORMING THEIR OWN INVESTIGATIONS AND MAKING THEIR OWN ASSUMPTIONS REGARDING SITE SURFACE AND SUBSURFACE CONDITIONS. THIS INCLUDES THE LOCATION AND CONSISTENCY OF ANY EXISTING ROCK LAYERS UNDERLYING THE PROJECT SITE. CONTACT THE ENGINEER REGARDING ANY DISCREPANCIES THAT MAY AFFECT THE ABILITY TO CONSTRUCT FROM THESE PLANS AS DESIGNED.
- 3. EXISTING CONDITIONS WERE DETERMINED THROUGH A VARIETY OF METHODS THAT MAY INCLUDE SURVEY, AERIAL IMAGERY, AVAILABLE RECORDS, GIS DATA, ETC. SUBSURFACE CONDITIONS ARE APPROXIMATE AND MAY NOT INCLUDE ALL UTILITIES AND OTHER SITE IMPROVEMENTS PRESENT ON SITE. THE CONTRACTOR SHALL MAKE EXPLORATION EXCAVATIONS AND LOCATE EXISTING UNDERGROUND UTILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS WHEN CONFLICTS AND DISCREPANCIES ARE FOUND.

### CONSTRUCTION

- THE CONTRACTOR SHALL INSTALL TRAFFIC CONTROL WHILE WORKING IN THE PUBLIC RIGHT-OF-WAY AS SHOWN IN THESE PLANS. IF PLANS ARE NOT PROVIDED, CONTRACTOR SHALL COORDINATE AND PROVIDE CONTROLS TO THE SATISFACTION OF THE RIGHT-OF-WAY OWNER.
- 2. THE CONTRACTOR SHALL PROTECT ALL TREES OVER 3" CALIPER FROM DAMAGE. NO TREE SHALL BE REMOVED WITHOUT PERMISSION OF THE OWNER, UNLESS SHOWN OTHERWISE ON THESE PLANS.
- 3. IN ADDITION TO THE CONDITIONS OF THE GEOTECHNICAL REPORT AND AS A MINIMUM THE CONTRACTOR SHALL PERFORM THE
- GRADING AS FOLLOWS:

  A. THE CONSTRUCTION AREA SHALL BE CLEARED, GRUBBED, AND STRIPPED OF TOPSOIL AND ORGANIC MATTER FROM ALL AREAS TO BE OCCUPIED BY BUILDING AND PAVING. STRIPPING EXISTING TOPSOIL AND ORGANIC MATTER SHALL BE TO A MINIMUM DEPTH OF 6 INCHES. TOPSOIL FOR REPLACEMENT ON SLOPES MAY BE STOCKPILED ON SITE IN AREAS DESIGNATED BY THE OWNER. CONTRACTOR SHALL REMOVE EXCESS STRIPPINGS AND EXCESS EXCAVATION WITHIN 30 DAYS OF COMPLETION OF GRADING OPERATIONS.
- B. AREAS TO RECEIVE FILL AND AREAS CUT TO SUBGRADE LEVEL SHALL BE SCARIFIED AND THE TOP 8-INCH DEPTH COMPACTED TO 95% STANDARD PROCTOR DENSITY. THE SUBGRADE SHALL BE PROOF ROLLED WITH A MODERATELY HEAVY LOADED DUMP TRUCK OR SIMILAR APPROVED CONSTRUCTION EQUIPMENT TO DETECT UNSUITABLE SOIL CONDITIONS. ANY UNSUITABLE AREAS SHALL BE UNDERCUT AND REPLACED WITH SUITABLE MATERIAL BEFORE ANY FILL MATERIAL CAN BE APPLIED.
- C. FILL SHALL BE PLACED IN MAXIMUM OF 8 INCH LIFTS.

  D. TOPSOIL SHALL BE PLACED TO A MINIMUM DEPTH OF 6
  INCHES OVER ALL AREAS DISTURBED BY THE WORK. LARGE
  STONES, STICKS AND LUMPS SHALL BE REMOVED OR BROKEN
  UP, AND THE TOPSOIL SHALL BE LEVELED AND RAKED. ALL
  DISTURBED AREAS SHALL BE LANDSCAPED PER LANDSCAPE
  PLANS OR SHALL BE SEEDED, FERTILIZED, MULCHED, WATERED
  AND MAINTAINED UNTIL HARDY GRASS GROWTH IS
  FSTABIJSHED.
- E. CONTRACTOR SHALL PROVIDE COMPACTION TEST RESULTS AS REQUIRED.
- 4. THE CONTRACTOR SHALL DISPOSE ALL WASTE MATERIAL RESULTING FROM THE PROJECT OFF—SITE AND IN STRICT CONFORMANCE WITH ALL LOCAL CODES AND ORDINANCES.
- 5. ALL MANHOLES, CATCH BASINS, UTILITY VALVES AND METER PITS ARE TO BE ADJUSTED OR REBUILT TO GRADE AS REQUIRED. NOT ALL ADJUSTMENTS ARE INDICATED IN THE PLANS.
- 6. THE CONTRACTOR SHALL STREET SWEEP OR OTHERWISE CLEAN ALL ACCESS ROUTES TO THE SITE AT CONCLUSION OF THE PROJECT.

## SHOP DRAWINGS

- THE CONTRACTOR SHALL SUBMIT SHOP DRAWING A MINIMUM OF 7 DAYS PRIOR TO THE REQUESTED DATE OF APPROVAL. ENGINEER SHALL REVIEW SHOP DRAWINGS OR SAMPLES CONFORMANCE WITH THE DESIGN FOR THIS PROJECT AS DESCRIBED IN THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ERRORS OR OMISSIONS IN SHOP DRAWINGS. THE ENGINEER'S REVIEW SHALL NOT EXTEND TO MEANS OR METHODS OF CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY VARIATION FROM THE REQUIREMENTS OF THE CONTRACT DOCUMENTS UNLESS CONTRACTOR HAS NOTIFIED ENGINEER OF EACH SUCH VARIATION AT THE TIME OF SUBMISSION, AND OBTAINED ENGINEER'S WRITTEN APPROVAL OF EACH SUCH VARIATION. PRIOR TO SUBMITTING EACH SHOP DRAWING OR SAMPLE, CONTRACTOR SHALL HAVE REVIEWED
- AND VERIFIED:

  A. ALL FIELD MEASUREMENTS, QUANTITIES, DIMENSIONS, SPECIFIED PERFORMANCE CRITERIA, INSTALLATION REQUIREMENTS, MATERIALS, CATALOG NUMBERS AND SIMILAR INFORMATION WITH RESPECT THERETO;
- B. ALL MATERIALS WITH RESPECT TO INTENDED USE, FABRICATION, SHIPPING, HANDLING, STORAGE, ASSEMBLY AND INSTALLATION PERTAINING TO THE PERFORMANCE OF THE
- C. ALL INFORMATION RELATIVE TO MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES OF CONSTRUCTION AND SAFETY PRECAUTIONS AND PROGRAMS INCIDENT THERETO;
   D. CONTRACTOR SHALL ALSO HAVE REVIEWED AND COORDINATED EACH SHOP DRAWING OR SAMPLE WITH OTHER SHOP DRAWINGS AND SAMPLES, AND WITH THE REQUIREMENTS OF
- E. ALL SUBMITTED SHOP DRAWINGS SHALL BEAR A STAMP OR SPECIFIC WRITTEN INDICATION AND SIGNATURE THAT CONTRACTOR HAS FULLY COMPLETED THE ABOVE TASKS.

THE WORK AND THE CONTRACT DOCUMENTS.

- 2. SHOP DRAWINGS AS DESCRIBED ABOVE ARE REQUIRED FOR, BUT NOT LIMITED TO, THE FOLLOWING:

  A. ALL STORM SEWER STRUCTURES TO BE INSTALLED WITH THIS
- PROJECT.
  B. ALL SANITARY SEWER STRUCTURES TO BE INSTALLED WITH
- B. ALL SANITARY SEWER STRUCTURES TO BE INSTALLED WITH THIS PROJECT.
- C. ALL SITE FENCING AND RAILING INCLUDING ANY GATES.
  D. ALL LANDSCAPE AND RETAINING WALLS.
  E. ANY ITEMS IN THESE PLANS THAT ALLOW FOR AN "APPROVED EQUAL" ALTERNATIVE.

#### DEMOLITION PLAN NOTES

- PRIOR TO ANY DEMOLITION EROSION CONTROL MEASURES AND CONSTRUCTION FENCING SHALL BE INSTALLED PER SITE DISTURBANCE PLANS AND SWPPP.
- 2. THE CONTRACTOR SHALL COORDINATE ALL ITEMS TO BE SALVAGED AND/OR PROTECTED WITH SITE OWNER AND UTILITY
- 3. THE CONTRACTOR SHALL NOT INTERRUPT ANY UTILITY SERVICES TO ANY ADJACENT PROPERTIES. SHOULD ANY INTERRUPTIONS BECOME NECESSARY, THE CONTRACTOR SHALL COORDINATE WITH THE ADJACENT PROPERTY AND UTILITY OWNER AND MINIMIZE THE LENGTH OF TIME THE UTILITY IS INTERRUPTED TO THE GREATEST EXTENT POSSIBLE.
- 4. SECONDARY WIRING, SERVICES, IRRIGATION AND OTHER MINOR SITE IMPROVEMENTS THAT ARE NOT TO REMAIN IN SERVICE ARE TO BE DEMOLISHED AND REMOVED.
- 5. ALL PAVEMENT SAWCUTS ARE TO BE MADE IN STRAIGHT, CLEAN LINES LEAVING A CLEAN AND STABLE EDGE AT FULL PAVEMENT
- 6. ALL PCC PAVEMENT AND ALL CURB SHALL BE REMOVED TO
- 7. ALL MATERIALS REMOVED FROM THE SITE SHALL BE DISPOSED OF IN STRICT CONFORMANCE WITH LOCAL CODES AND ORDINANCES.
- 8. ALL TREE REMOVAL SHALL INCLUDE STUMPS AND ROOTS.
  DEPRESSIONS CREATED SHALL BE FILLED TO PROVIDE DRAINAGE.

### SITE PLAN NOTES

NEAREST JOINT.

- 1. ALL PAVEMENT DIMENSIONS ARE TO BACK OF CURB, OR EDGE OF PAVEMENT WHERE NO CURB IS PRESENT, UNLESS OTHERWISE NOTED. DIMENSIONED TIES BETWEEN PROPERTY LINES AND BUILDING FACES OR PAVEMENT ARE AS INDICATED. THE CONTRACTOR IS RESPONSIBLE FOR MAKING ANY ADJUSTMENTS NECESSARY FOR FOUNDATIONS, BEDDING EXTENSIONS, SURCHARGING, ETC.
- 2. INSTALLED PAVEMENT SHALL MATCH EXISTING PAVEMENT IN GRADE AND ALIGNMENT TO PROVIDE SMOOTH SURFACE TRANSITIONS. INSTALLED CURB & GUTTER SHALL MATCH EXISTING CURB & GUTTER IN SIZE AND TYPE OR CONTRACTOR SHALL INCLUDE A TRANSITION FROM NEW TO EXISTING OF NO LESS THAN 5' AS MEASURED ALONG BACK OF CURB.
- 3 ALL ASPHALT PAVING SHALL BE IN CONFORMANCE WITH ALL LOCAL CODES AND ORDINANCES AND THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT. WHERE NOT COVERED BY THE ABOVE, ASPHALT PAVING SHALL BE IN CONFORMANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF MoDOT.
- 4. ALL PCC PAVING SHALL BE IN CONFORMANCE WITH LOCAL CODES AND ORDINANCES AND THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT. WHERE NOT COVERED BY THE ABOVE, PCC PAVING SHALL BE IN CONFORMANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF MoDOT.
- 5. CONCRETE PAVEMENT JOINTS SHALL BE CONSTRUCTED AS FOLLOWS (REFER TO HARDSCAPE PLANS FOR SPECIFIC TREATMENT
- OF THESE AREAS):

  A. CONTROL JOINTS SPACED AS SHOWN IN THESE PLANS OR AT INTERVALS NOT GREATER THAN 1.5x PANEL WIDTH OR 12 FEET (WHICHEVER IS SMALLER).
- B. CONTROL JOINTS SHALL BE TOOLED OR SAWCUT TO ¼ THE SLAB THICKNESS. LOCAL STANDARDS AND SPECIFICATIONS SHALL TAKE PRECEDENCE WHERE MORE STRICT THAN THOSE LISTED HERE.
- C. CONSTRUCTION JOINTS PLACED AT THE END OF EACH POUR AND WHEN PAVING OPERATIONS ARE SUSPENDED FOR 30 MINUTES OR MORE.
- D. ISOLATION JOINTS PLACED WHERE THE PAVEMENT ABUTS THE BUILDING, DRAINAGE STRUCTURES AND OTHER FIXED STRUCTURES, CONSTRUCTED WITH A 1/2" NON-EXTRUDING FILLER, CLOSED-CELL FOAM RUBBER OR A BITUMEN-TREATED FIBER-BOARD, AND WITH A THICKENED EDGE, INCREASED BY 20 PERCENT, TAPERED TO THE REGULAR THICKNESS IN 5 FEET.
- E. ALL EXPANSION JOINTS SHALL BE FILLED AND SEALED WITH A PLASTIC JOINT SEALANT MATERIAL.

## 6. ACCESSIBLE PARKING

- A. STALLS SHALL BE SIGNED WITH CITY/ADA APPROVED SIGN
   AND CONSTRUCTED IN STRICT ACCORDANCE WITH CITY/ADA
   CODES AND ORDINANCES.
   B. ACCESSIBLE PARKING STALLS SHALL NOT EXCEED 2.00
   PERCENT IN ANY DIRECTION. ACCESSIBLE SIDEWALKS HAVE A
- MAXIMUM CROSS SLOPE OF 2 PERCENT AND A MAXIMUM LONGITUDINAL SLOPE OF 5 PERCENT.

  C. STALLS SHALL BE MARKED BY THE INTERNATIONAL HANDICAPPED SYMBOL AT INDICATED PARKING SPACES. USE A SUITABLE TEMPLATE THAT WILL PROVIDE A PAVEMENT
- 7. PAVEMENT MARKINGS SHALL NOT BE APPLIED UNTIL LAYOUT, COLORS AND PLACEMENT HAVE BEEN VERIFIED WITH THE ARCHITECT AND ENGINEER, THE INSTALLED PAVEMENT IS ALLOWED TO AGE AS RECOMMENDED BY THE MANUFACTURER (MINIMUM OF 24 HOURS), AND THE PAVEMENT SURFACE HAS BEEN SWEPT AND

MARKING WITH SHARP EDGES AND ENDS.

- 8. PAVEMENT MARKINGS SHALL INCLUDE TRAFFIC LANES, PARKING BAYS, AREAS RESTRICTED TO HANDICAPPED PERSONS, CROSSWALKS, AND OTHER DETAIL PAVEMENT MARKINGS SHOWN IN
- THESE PLANS.

  9. ALL PARKING LOT STRIPING SHALL BE SINGLE LINE 4" WIDE WHITE STRIPES UNLESS OTHERWISE INDICATED WITHIN THESE PLANS. ALL ROAD STRIPING SHALL BE AS INDICATED WITHIN THESE PLANS.
- 10. CURBS AT FIRE LANES AS DESIGNATIONS BY THE FIRE MARSHAL SHALL BE PAINTED OR OTHERWISE INDICATED PER CITY OF CITY CODES AND ORDINANCES.
- 11. PAINT FOR MARKING PAVEMENT SHALL CONFORM TO FEDERAL HIGHWAY MARKING STANDARDS (FHMS) AND CITY OF CITY CODES AND ORDINANCES. USE FLAT BLACK, WHITE, OR YELLOW AS DIRECTED WITHIN PLANS OR IN CONFORMANCE WITH THE FHMS. UNLESS OTHERWISE SPECIFIED USE LATEX, WATER-BASE EMULSION, READY-MIXED, COMPLYING WITH FS TT-P-1952 WITH DRYING TIME OF LESS THAN 45 MINUTES.
- 12. APPLY ALL MARKINGS USING APPROVED MECHANICAL EQUIPMENT (WITH PROVISIONS FOR CONSTANT AGITATION OF PAINT), CAPABLE OF APPLYING THE MARKING WIDTHS AS SHOWN AND A MINIMUM WET FILM THICKNESS OF 15 MILS. USE PNEUMATIC SPRAY GUNS FOR HAND APPLICATION OF PAINT. ALL PAINTING EQUIPMENT AND OPERATIONS SHALL BE UNDER THE CONTROL OF EXPERIENCED TECHNICIANS THOROUGHLY FAMILIAR WITH EQUIPMENT AND MATERIALS AND MARKING LAYOUTS.

## GRADING PLAN NOTES

- 1. THE CONTOUR LINES, SPOT ELEVATIONS AND BUILDING FLOOR ELEVATIONS SHOWN ARE TO FINISH GRADE, SURFACE OF PAVEMENT, TOP OF CURBS, ETC. REFER TO TYPICAL SECTIONS FOR PAVING, SLAB AND AGGREGATE BASE THICKNESS TO DEDUCT PAVEMENT DEPTH FROM ELEVATIONS SHOWN.
- 2. THE CONTRACTOR SHALL FINISH GRADE SLOPES AS SHOWN NO STEEPER THAN 1 FOOT VERTICAL IN 3 FEET HORIZONTAL.

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- 3. THE CONTRACTOR SHALL GRADE LANDSCAPED AREAS TO PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDING AND SIDEWALKS WHEN FINISH LANDSCAPE MATERIALS ARE IN PLACE.
- 4. SPOT ELEVATIONS ARE TO EDGE OF PAVEMENT, LIP OF CURB, OR FINISHED GRADE UNLESS OTHERWISE INDICATED. (SEE LEGEND)

#### EROSION CONTROL PLAN NOTES

- CONTRACTOR SHALL CONSIDER ANY EROSION AND/OR SEDIMENT CONTROL SHOWN IN THIS PLAN SET, SITE DISTURBANCE PLANS, THE SWPPP, OR ANY RELATED PLAN SET AS A MINIMUM REQUIREMENT. CONTRACTOR IS RESPONSIBLE FOR EVALUATING SITE CONDITIONS AND INSTALLING ANY ADDITIONAL CONTROLS AS NECESSARY.
- 2. CONTRACTOR IS RESPONSIBLE FOR INSTALLATION AND MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES THROUGHOUT THE PROJECT. ANY AND ALL FINES ASSOCIATED WITH EROSION CONTROL VIOLATIONS WILL BE THE CONTRACTOR'S RESPONSIBILITY.
- 3. AT ANY TIME DURING CONSTRUCTION THE CITY MAY REQUIRE ADDITIONAL EROSION/SILTATION CONTROL MEASURES TO BE INSTALLED. WHEN REQUIRED SUCH MEASURES SHALL BE INSTALLED WITHIN 48 HOURS OF HOURS OF NOTICE (VERBAL OR WRITTEN).
- 4. CONTRACTOR SHALL INSPECT ALL EROSION CONTROL DEVICES PER THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) SCHEDULE. ALL COSTS ASSOCIATED WITH REPAIR OR RE—INSTALLATION, INCLUDING RELATED INCIDENTALS, WILL BE THE CONTRACTOR'S RESPONSIBILITY.
- 5. ALL DISTURBED AREAS SHALL BE LANDSCAPED, SEEDED OR SODDED, AS SHOWN ON THE LANDSCAPE PLAN.
- 6. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING THE TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES AFTER COMPLETION OF CONSTRUCTION AND ONLY WHEN AREAS HAVE BEEN STABILIZED WITH A HEALTHY STAND OF PERMANENT VEGETATION. AREAS DISTURBED BY DEVICE REMOVAL SHALL BE IMMEDIATELY STABILIZED. SEED BLENDS OR SOD SHALL MATCH WHAT WAS USED IN AREAS SURROUNDING DISTURBANCE.
- 7. PRIOR TO LEAVING THE SITE THE CONTRACTOR SHALL ENSURE THAT ALL DRAINAGE STRUCTURES, FLUMES, PIPES, GUTTERS, ETC. ARE CLEANED OUT AND WORKING PROPERLY.

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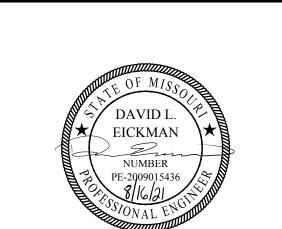
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DATE: 08.16.2021

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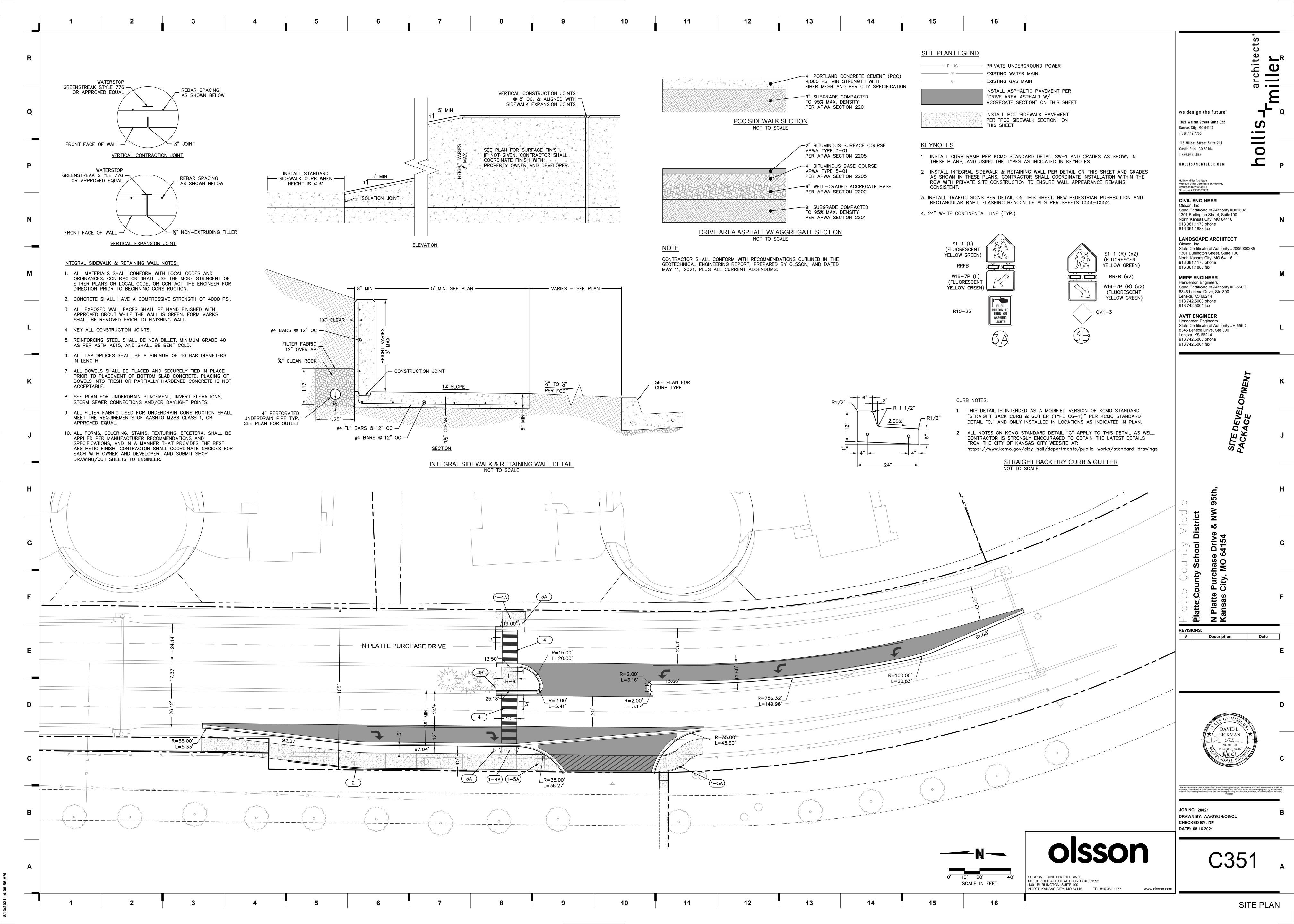
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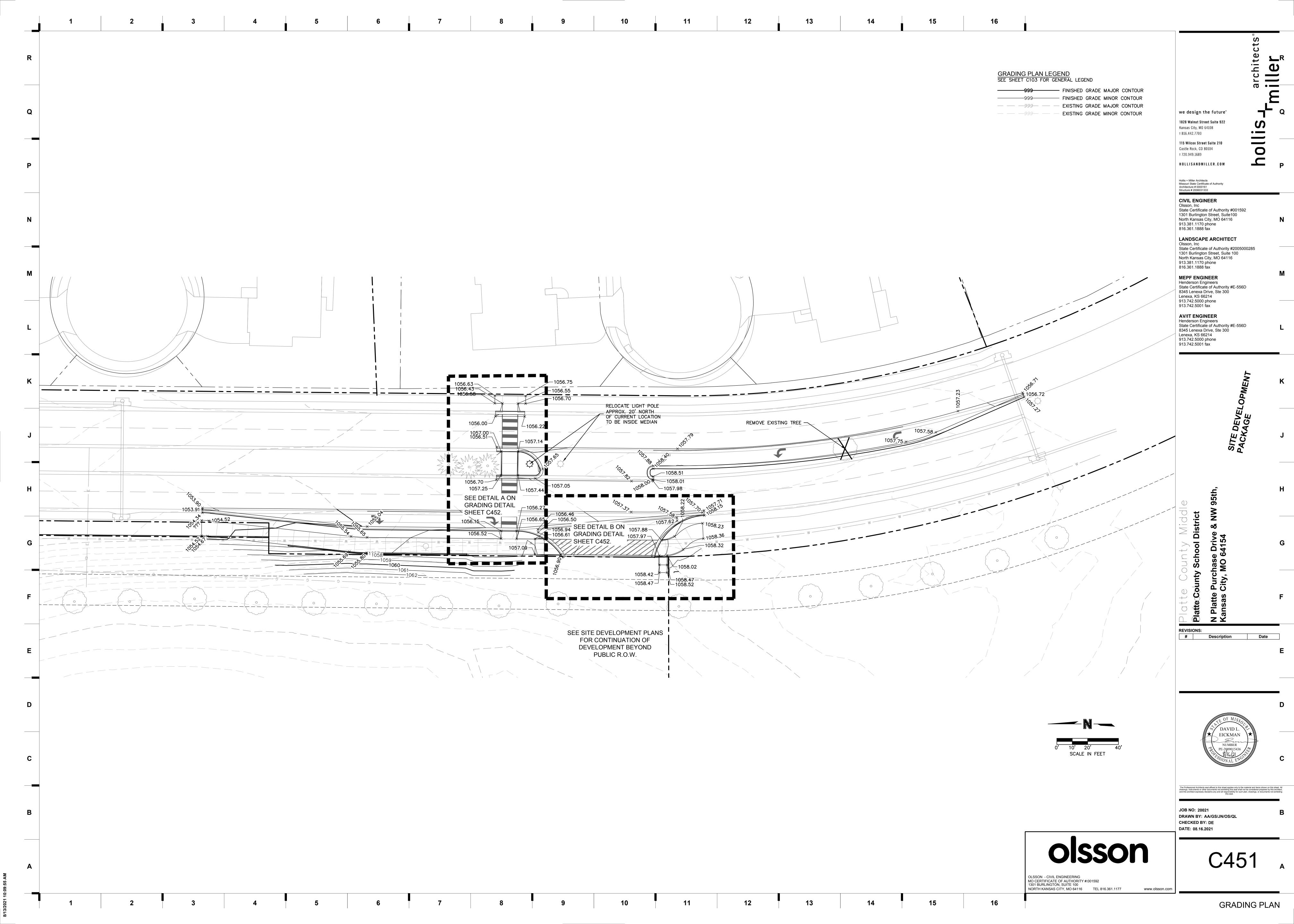
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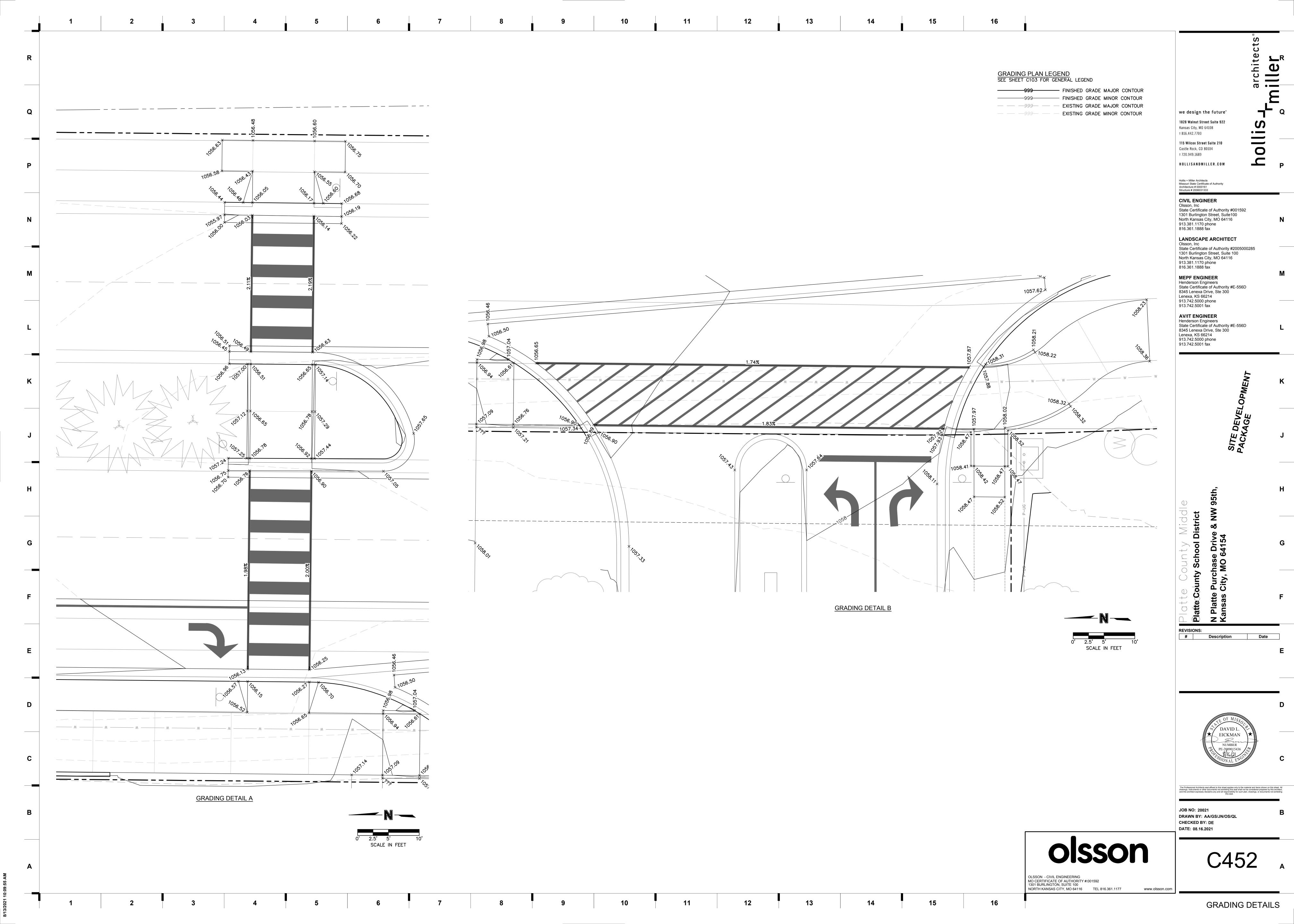
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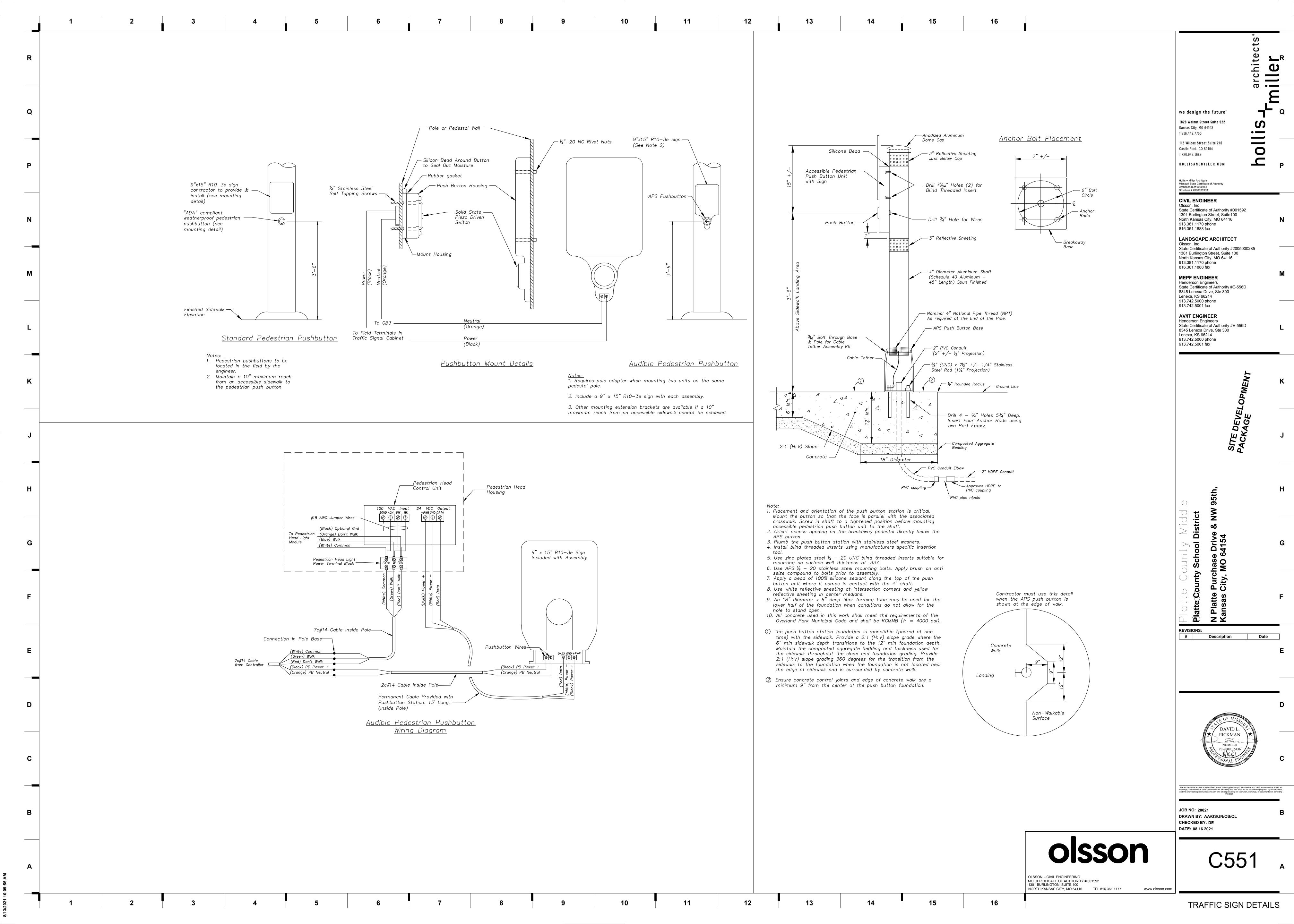
GENERAL NOTES

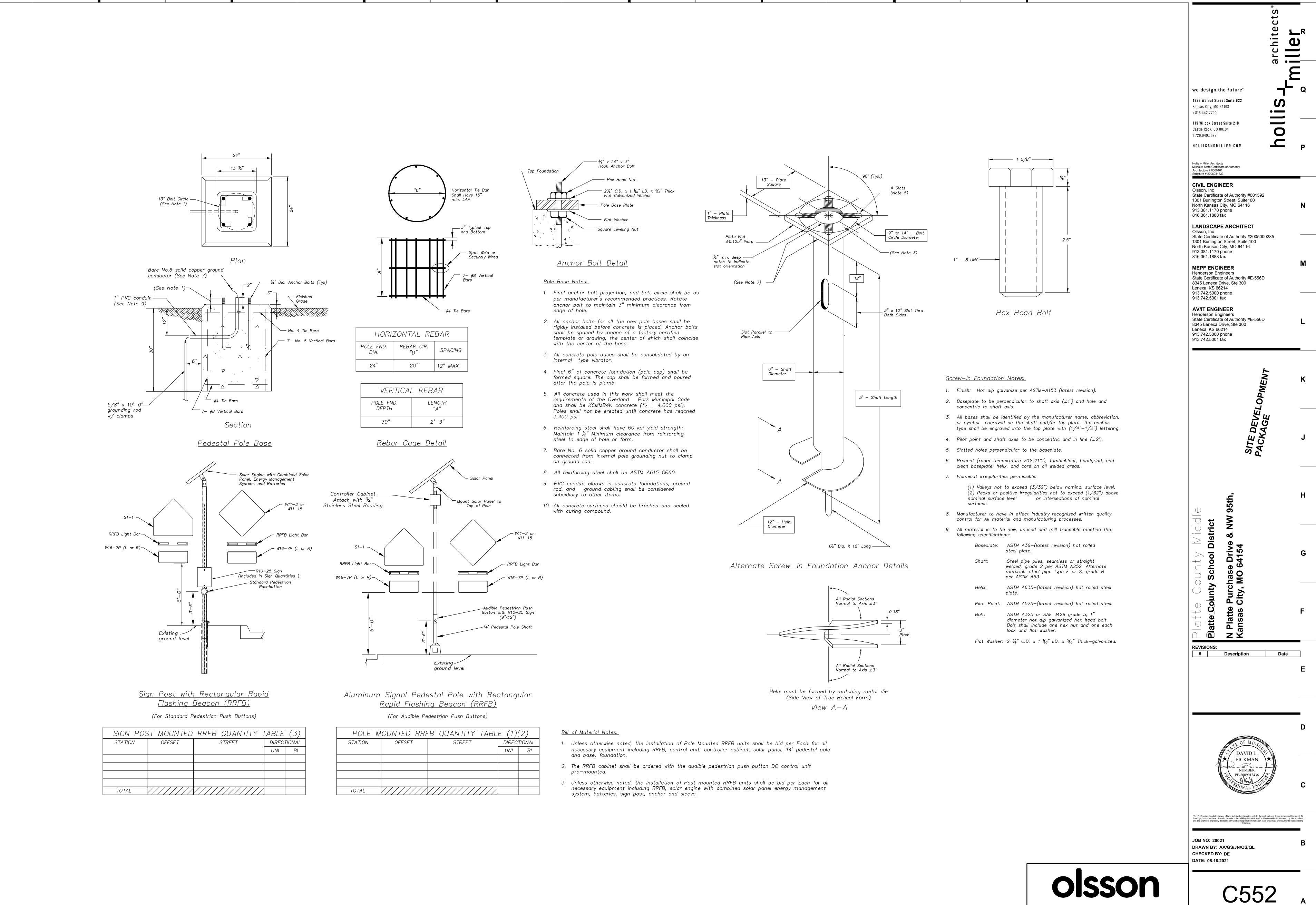
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