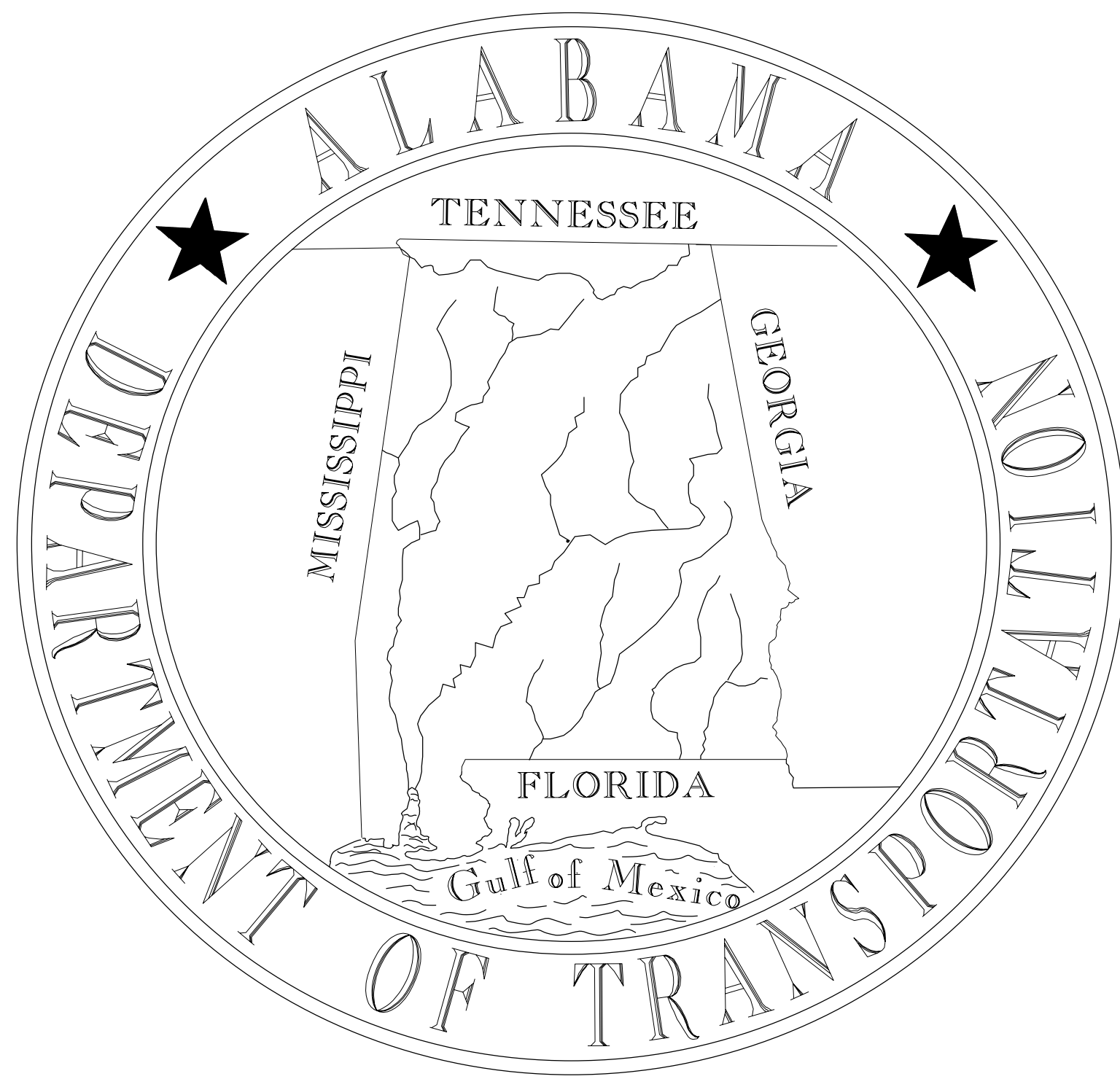


REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO

ALABAMA DEPARTMENT OF TRANSPORTATION



SPECIAL & STANDARD HIGHWAY DRAWINGS
(U.S. CUSTOMARY UNITS OF MEASUREMENT)

2019

(Effective with the January, 2019 letting)

PLANS LEGEND SHEET

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO

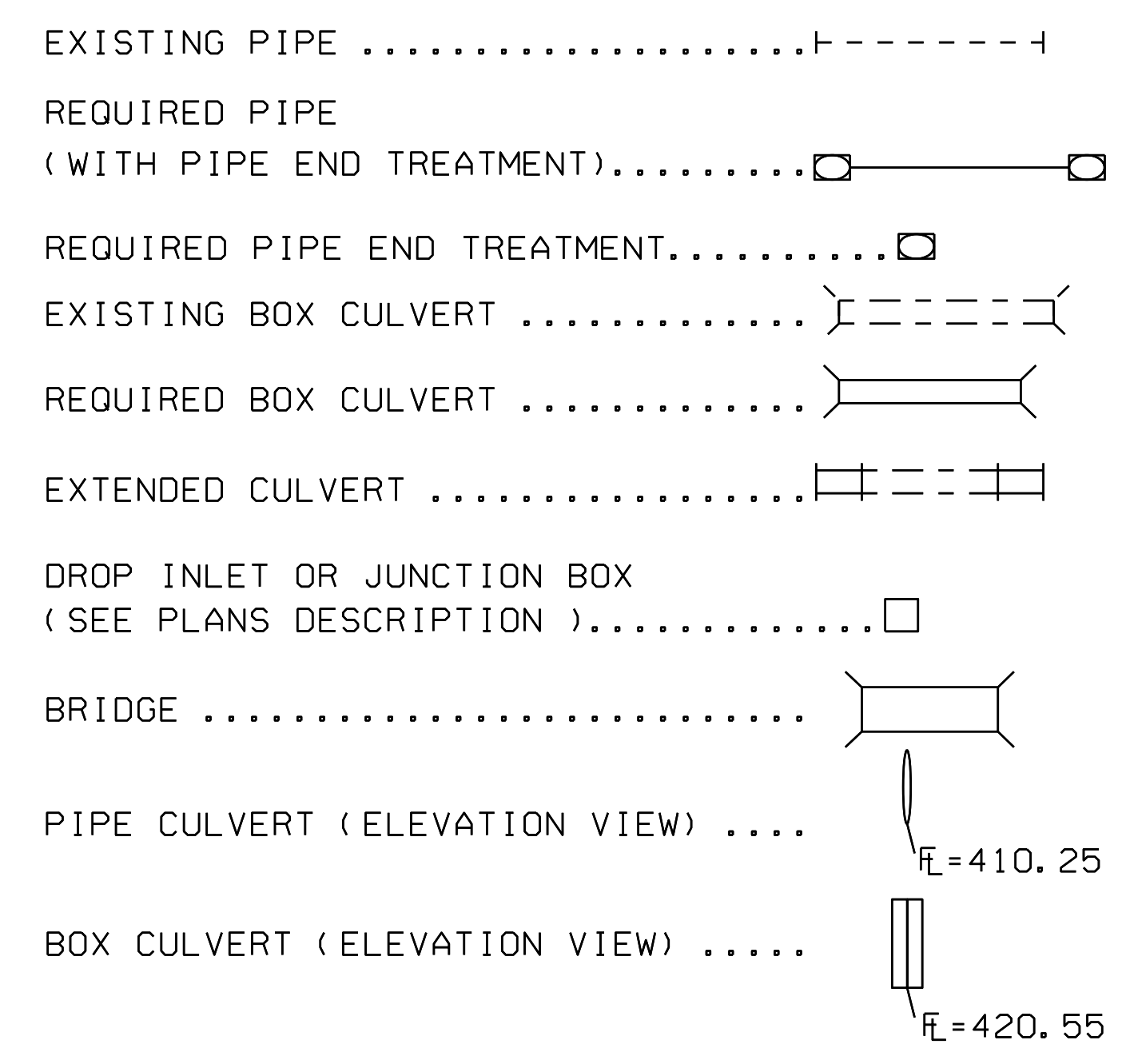
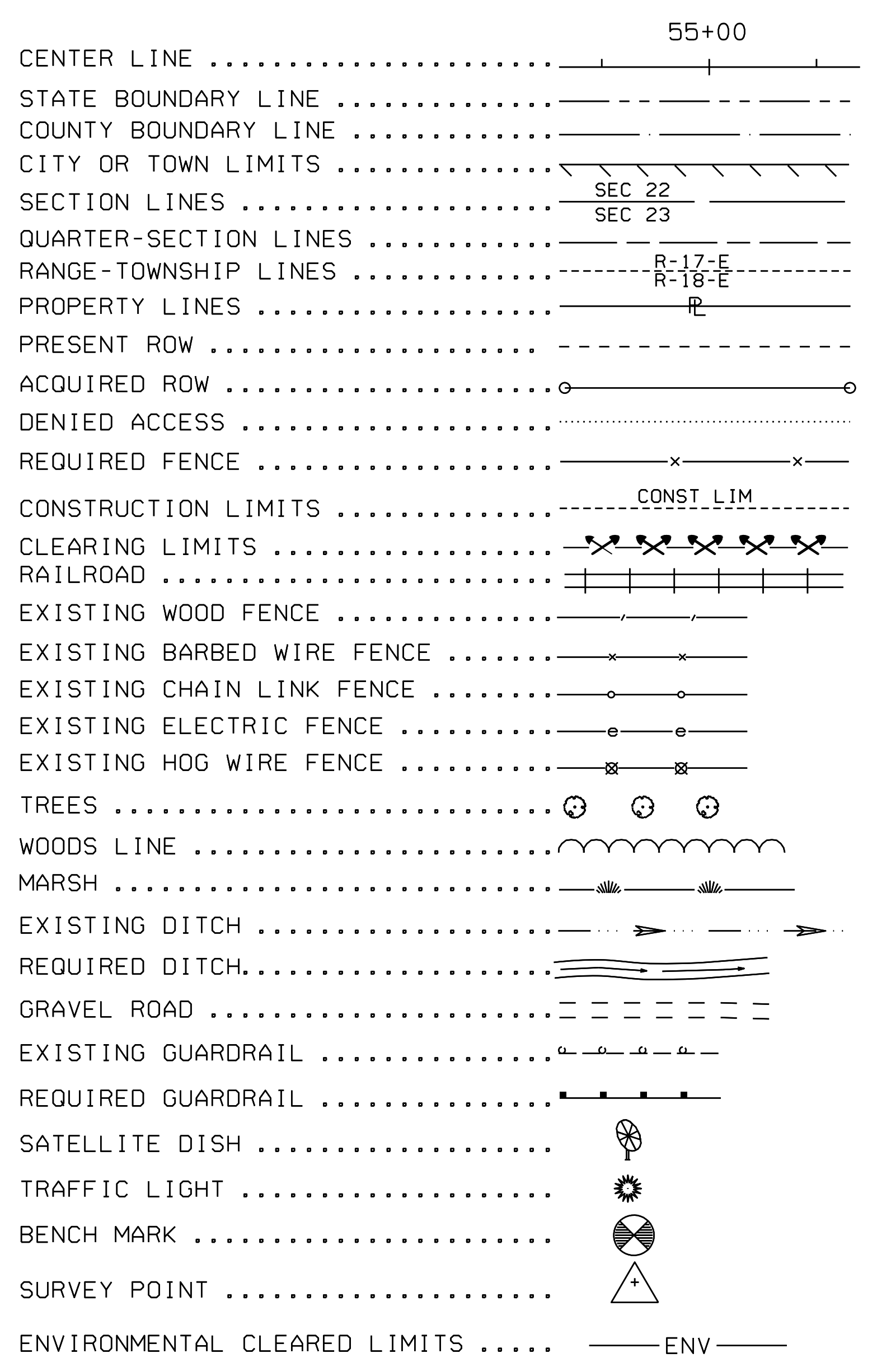
ABBREVIATIONS

ABANDON (ED)..... ABAN ABUTMENT..... ABUT ACCELERATION..... ACCL ACQUIRED..... ACQD ACRE..... AC AHEAD..... AH ALABAMA..... AL ALABAMA DEPARTMENT OF TRANSPORTATION..... ALDOT ALTERNATE..... ALT APPROXIMATE(LY)..... APP AREA..... A ASPHALT..... ASP AVERAGE ANNUAL DAILY TRAFFIC..... AADT BACK..... BK BACK OF GUARDRAIL..... BK-GR BACKSIGHT..... BS BARBED WIRE..... B/W BARREL..... BBL BARRIER..... BAR BASE LINE..... BL or B BEARING..... BRNG BEGIN..... BEG BEGINNING OF PROJECT..... BOP BETWEEN..... BTW BILLBOARD..... BBD BENCH MARK..... BM BITUMINOUS..... BIT BITUMINOUS COATED CORRUGATED METAL PIPE..... BCCMP BOUNDARY..... BDY BRIDGE..... BRG BRIDGE END SLAB..... BES CAPACITY..... CAPY CAST IRON..... CI CAST IN PLACE..... CIP CATCH BASIN..... CB CENTER LINE..... C CHAIN LINK..... C/L CLASS..... CLS CONCRETE..... CONC CONNECTION..... CONN CONSTRUCTION LIMITS..... CONST LIM CORNER..... COR CORRECTION..... CORR CORRUGATED IRON..... CORI CORRUGATED METAL..... CM CORRUGATED METAL PIPE..... CMP CORRUGATED PLASTIC PIPE..... CPP COUNTY..... CO COUNTY ROAD..... CO-RD CREEK..... CK CROSS SECTION..... X-SECT CROWN REMOVED..... CR CUBIC FEET..... FT3 or CU FT CUBIC FEET PER SECOND..... CFS CUBIC YARD..... YD3 or CU YD CUBIC METERS..... M3 CULVERT..... CULV CULTIVATED..... CULT CURB FACE..... CF CURB AND GUTTER..... C&G CUT..... C CURVE TO SPIRAL..... CS DECELERATION..... DECEL DECLINATION..... DECL DEGREE OF CURVE..... D DENIED ACCESS..... D/A DEPARTURE..... DEP DIAMETER..... DIA DIRECTION..... DIR DISTANCE..... DIST DOUBLE..... DBL DOUBLE BARREL CULVERT..... CD DRAINAGE AREA..... DA DRIVE..... DR DROP INLET..... DI EACH..... EA EASEMENT..... EASMT EAST..... E EAST BOUND ROADWAY..... EBR EDGE OF PAVEMENT..... E/P ELEVATION..... E or ELEV END OF RETURN..... ER END ANCHOR..... E/A END OF PROJECT..... EOP EQUATION..... EQ EROSION CONTROL PRODUCTS..... EICP EXCAVATION..... EXCAV EXISTING..... EX EXPANSION..... EXP EXTENSION..... EXT EXTERNAL..... EXT EXTRA STRENGTH..... EXT STR FEET..... FT FILL..... F FILTER BLANKET..... FLT BLNK FINISHED GRADE..... FG FINISHED SURFACE..... FS FISCAL YEAR..... FY FIXED..... FIX FLAT BOTTOM..... FB FLOW LINE..... FL or FL	FORESIGHT OR FRONTSIGHT..... FST FRACTIONAL..... FRAC FULL SUPERELEVATION..... FS GALLON..... GAL GASOLINE PUMPS..... GPP GARAGE..... GAR GAUGE..... GA GIRDER..... GDR GOVERNMENT..... GOV GRASS..... GRS GRADE CHANGE..... GC GRADE POINT..... GP GRADE ROD..... GRD GRAVEL..... GRV GUARDRAIL..... GR HEADWALL..... HDWL HECTARE..... HA HIGH WATER MARK..... HWM HEIGHT..... HT HEIGHT OF INSTRUMENT..... HI HIGH WATER..... HW HIGHWAY..... HWY HOGWIRE..... H/W HORIZONTAL..... HOR HUB & TACK..... H&T HYDRANT..... HYD IMPACT ATTENUATOR..... IA IN ACCORDANCE WITH..... I/A/W IN PLACE..... IN-PL INCHES..... IN INCLUDING..... INCL INSTRUMENT..... INST ISLAND..... ISL JOINT..... JT JUNCTION..... JCT JUNCTION BOX..... JB KILOMETER..... KM KILOMETER POST..... KMP KILOMETERS PER HOUR..... KPH LANE..... LN LATITUDE..... LAT LEFT..... LT LEFT AHEAD..... LA LEFT BACK..... LB LENGTH OF CURVE..... L LINK..... LK LIMIT..... LIM LINEAR..... LIN LINEAR FEET..... LIN FT LONGITUDE..... LONG MANHOLE..... MH MARKER..... MRK MAXIMUM..... MAX MEAN HIGH WATER..... MHW MEAN LOW WATER..... MLW MEASUREMENT..... MEAS MEDIAN..... MED METER..... M MERIDIAN..... MER MILE POST..... MP MILES..... MI MILES PER HOUR..... MPH MILLIMETER..... MM MINIMUM..... MIN MONUMENT..... MON MULTIPLE..... MULT NORMAL..... NORM NORMAL CROWN..... NC NORMAL CROWN SLOPE..... NCS NORTH..... N NORTH BOUND ROADWAY..... NBR NORTHING-EASTING..... NE NOT IN CONTRACT..... NIC NOT TO SCALE..... NTS NUMBER..... NO OBSERVATION..... OBS ON CENTER..... OC ORIGINAL..... ORIG OVERHEAD..... OH OVERHAUL..... OH OUT TO OUT..... OO PAINT..... PNT PAVED..... PVD PAVED SHOULDER..... PVD SH PAVEMENT..... PVT PIPE END TREATMENT..... PET PIPE ENTERING CULVERT..... PEC PLATE GIRDER..... PL GDR POINT OF BEGINNING..... POB POINT OF COMPOUND CURVE..... PCC POINT OF CURVATURE..... PC POINT OF REVERSE CURVATURE..... PRC POINT OF ENDING..... POE POINT OF INTERSECTION..... PI POINT OF TANGENCY..... PT POINT ON CURVE..... POC POUND..... LB PRESENT..... PRES PROFILE GRADE..... PG	PROJECT..... PROJ PROJECT CONTROL..... PJC PROPERTY LINE..... PL PROPOSED..... PROP QUADRUPLE..... QUAD QUADRUPLE BARREL CULVERT..... CO QUANTITY..... QUANT RADIUS..... R RAILROAD..... RR RANGE..... RGE RECORD..... REC REDUCTION..... RED REFERENCE..... REF REFERENCE POINT..... RP REFERENCE POINT FOR POINT ON TANGENT..... RPPOT REINFORCED..... REINF REINFORCED CONCRETE..... RC REINFORCED CONCRETE DECK GIRDER..... RCDG REINFORCED CONCRETE PIPE..... RCP REINFORCING STEEL..... REINF STL RELOCATE..... RELC REMOVE..... REM REQUIRED..... REQD RETAINING..... RET REVERSE CROWN..... RC REVISION..... REV RIGHT..... RT RIGHT AHEAD..... RA RIGHT BACK..... RB RIGHT OF WAY..... ROW RIGHT OF WAY MARKER..... ROWM RIVER..... RIV ROAD..... RD ROADWAY..... RDWY SECTION..... SEC SERVICE ROAD..... SER RD SHEET..... SHT SHEET PILING..... SHT PILE SHOULDER..... SHLD SIDE DRAIN..... SD SIDEWALK..... SW SIGHT DISTANCE..... S DIST SINGLE BARREL CULVERT..... CS SKEW..... SK SLOPE STAKE..... SST SOLID SODDING..... SOL SOD SOUTH..... S SOUTH BOUND ROADWAY..... SBR SPECIAL..... SP SPECIAL DITCH..... SP-DT SPECIAL DITCH LEFT..... SDL SPECIAL DITCH MEDIUM..... SDM SPECIAL DITCH RIGHT..... SDR SPECIAL DRAWING..... SP-DWG SPECIFICATIONS..... SPEC SPRING LINE..... SL SPIRAL TO CURVE..... SC SPIRAL POINT OF INTERSECTION..... SPI SPIRAL TO TANGENT..... ST SQUARE..... SQ SQUARE FEET..... FT2 or SQ FT SQUARE METERS..... M2 SQUARE YARD..... YD2 or SQ YD STAKE..... STK STANDARD..... STD STANDARD DRAWING..... STD-DWG STANDARD STRENGTH..... STD STR STATION..... STA STATION & ELEVATION..... S/E STATION & OFFSET..... SO STOPPING SIGHT DISTANCE..... SSD STREET..... ST STRUCTURE..... STR SUB-GRADE..... SG SUPERELEVATION..... SE, se or e SURVEY..... SRV SYMMETRICAL..... SYM TANGENT..... TAN TANGENT LENGTH (CURVE DATA)..... T TANGENT TO SPIRAL..... TS TEMPORARY..... TEMP TEMPORARY BENCH MARK..... TBM THROAT..... TH TOWNSHIP..... TSHP TRIPLE..... TR TRIPLE BARREL CULVERT..... CT TURN OUT..... TO TURNING POINT..... TP TYPE..... TY UNIT..... U UNPAVED..... UNPVD VALLEY GUTTER..... VG VARIABLE..... VAR VERTICAL..... VERT VERTICAL CURVE..... VC VERTICAL POINT OF CURVATURE..... PVC VERTICAL POINT OF INTERSECTION..... PVI VERTICAL POINT OF TANGENCY..... PVT VITRIFIED..... VIT	VOLUME..... VOL WEST..... W WEST BOUND ROADWAY..... WBR WING WALL..... WW WITNESS CORNER..... WC WOOD..... WD WORKING POINT..... WP WOVEN WIRE..... W/W YARD..... YD <h3 style="text-align: center;">STRUCTURES</h3> NUMBER OF STORIES..... 1, 2, 3, 4 FRAME..... FR BUILDING..... BLDG BLOCK..... BLK BRICK..... BR STUCCO..... STU METAL..... MET RESIDENCE..... RES BUSINESS..... BUS WAREHOUSE..... WHSE CHICKEN HOUSE..... CH HSE CHURCH..... CH SCHOOL..... SCH DOUBLE WIDE MOBILE HOME..... DW MH MOBILE HOME..... MH <h3 style="text-align: center;">UTILITIES</h3> ANCHOR WIRE..... AW BURIED ELECTRIC..... BE BURIED FIBER OPTIC..... BFO BURIED TELEPHONE CABLE..... BTC BURIED CABLE TELEVISION..... BTV CAST IRON..... CI CIRCUIT..... CKT DUCTILE IRON..... DUC IRON EASEMENT..... ESMT ELECTRIC MANHOLE..... EMH ELECTRIC JUNCTION BOX..... EJB FIBER OPTIC..... FO FIRE HYDRANT..... FH FORCED MAIN (SANITARY SEWER)..... FM GAS MAIN..... GM GAS METER..... GMET GAS VALVE..... GV GUY WIRE..... GUY HIGH PRESSURE..... HP KILOVOLT AMPS..... KVA MANHOLE..... MH MERCURY VAPOR LIGHT..... MVL OVERHEAD FIBER OPTIC..... OFO OVERHEAD TELEPHONE CABLE..... OTC OVERHEAD ELECTRIC CABLE..... OE OVERHEAD CABLE TELEVISION..... OTV PAIR..... PR PEDESTAL..... PED POLYETHYLENE PIPE..... PEP POLY-VINYL CHLORIDE PIPE..... PVC POWER POLE..... PP SANITARY SEWER..... SS SERVICE..... SERV STEEL..... STL STORM DRAIN..... STM STORM SEWER..... STMS SWITCH..... SW TELEPHONE..... TEL TELEPHONE MANHOLE..... TMH TRANSFORMER..... TRAN TRANSMISSION LINE..... TR LN TRIAXIAL CABLE (SERVICE)..... TRIX VITRIFIED CLAY PIPE..... VCP WATER MAIN..... WM WATER METER..... WMET WATER VALVE..... WV <h3 style="text-align: center;">PROPERTY</h3> DEED BOOK..... DB REAL PROPERTY BOOK..... RP PLAT BOOK..... PB MAP BOOK..... MB PAGE..... PG OFFICIAL RECORD..... OR CAPPED (TYPICAL PLASTIC SURVEYORS CAP)..... CAP ALUMINUM CAP..... ALUM CAP BRASS CAP..... BR CAP IRON PIPE..... IP CRIMPED..... CR REINFORCING STEEL..... REBAR CONCRETE MONUMENT..... CM DAMAGED..... DAM CHISELED X..... CH" X" HUB AND TACK..... H&T NAIL AND BOTTLE TOP..... N&BT PARKER-KALON (MASONARY NAILS)..... PK NAIL FENCE POST..... F-POST RAILROAD IRON..... RR IRON COTTON SPINDLE..... COT SP ANGLE IRON..... ANGLE IRON
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NOT TO SCALE

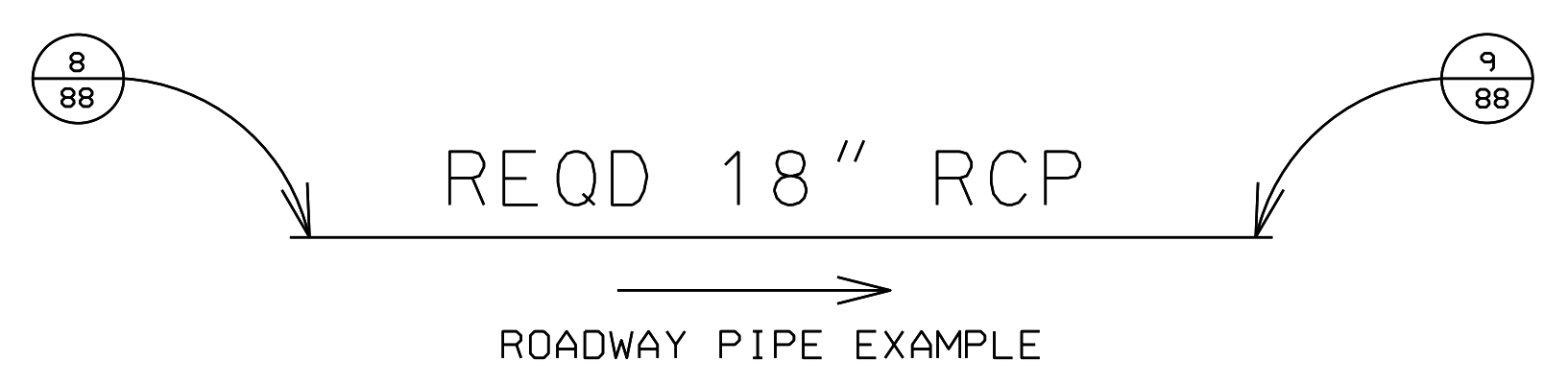
PLANS LEGEND SHEET

ROADWAY

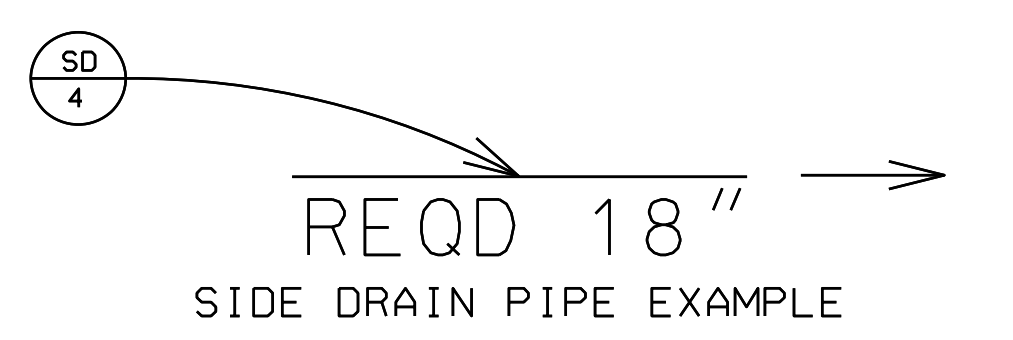


DRAINAGE STRUCTURE INDEX NUMBERS

DRAINAGE STRUCTURE WRITE-UPS ARE LOCATED ON THE DRAINAGE CROSS-SECTION SHEETS. STRUCTURES WITH WRITE-UPS ARE INDEXED AT EACH END, WITH NUMBERS ASSIGNED BY DIRECTION OF FLOW. THE NUMBER IN THE UPPER HALF OF THE CIRCLE (EXAMPLE 8 OR 9) IS THE DRAINAGE STRUCTURE INDEX NUMBER. THE NUMBER IN THE LOWER HALF (EXAMPLE 88) IS THE SHEET REFERENCE NUMBER.

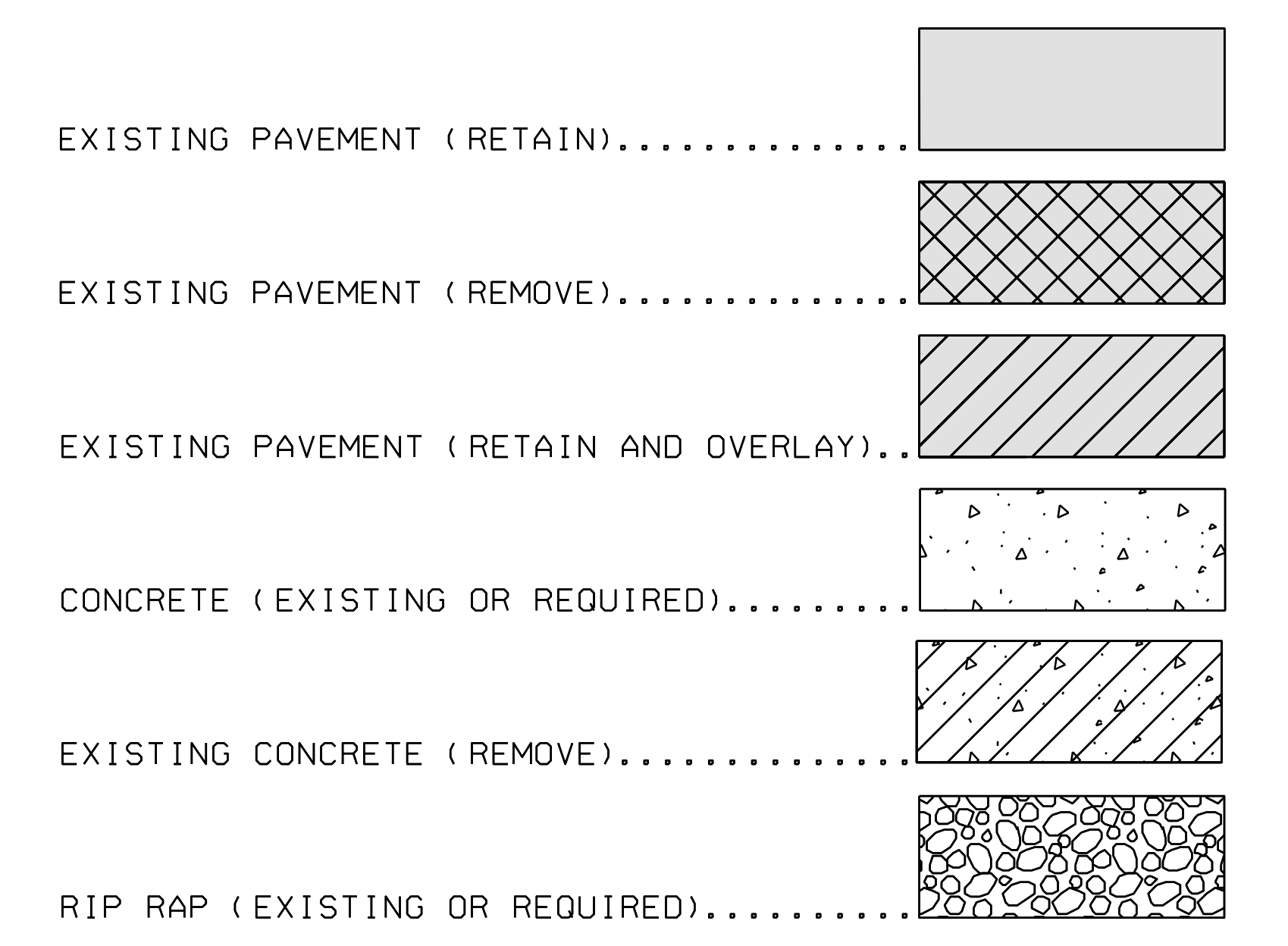
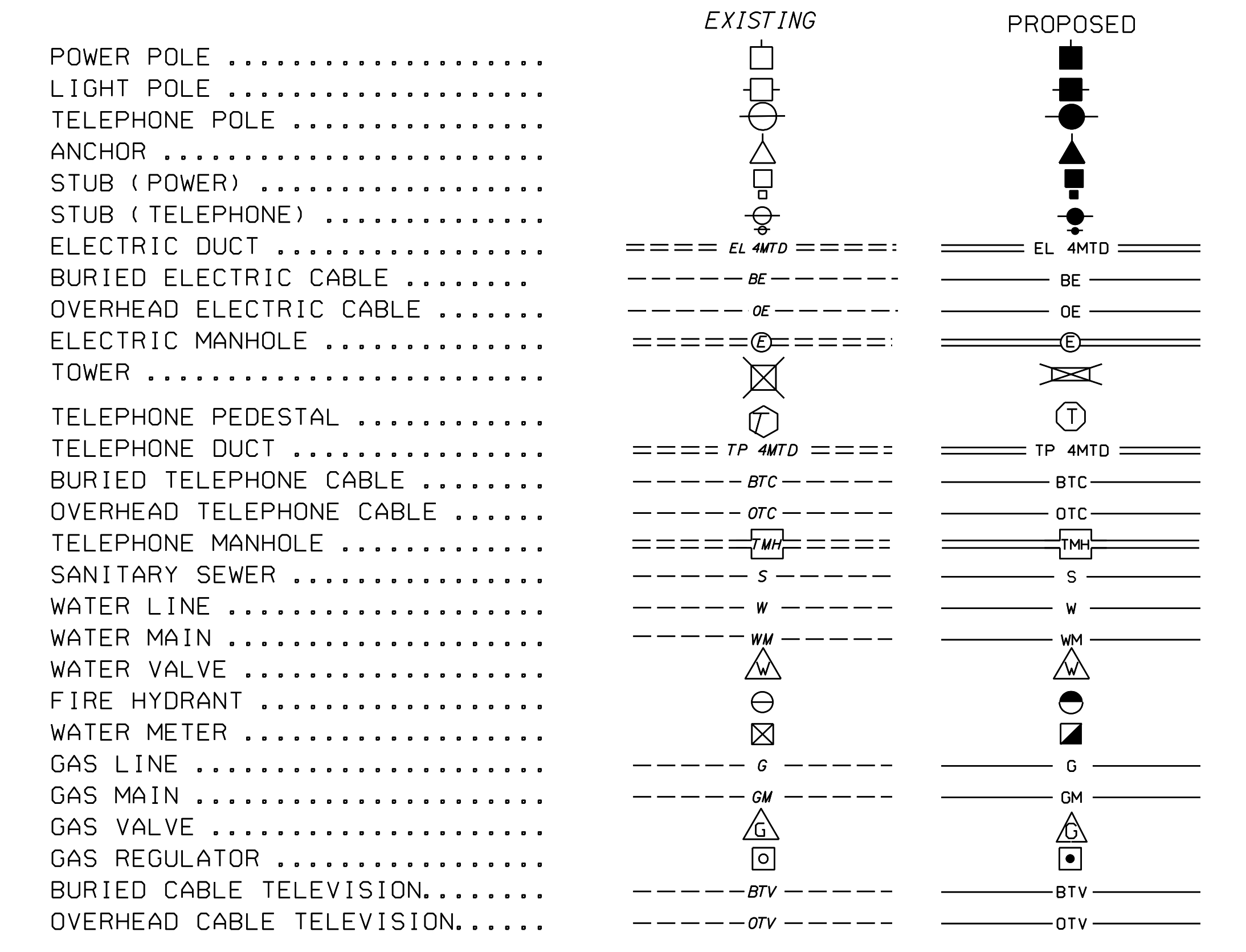


ALL INFORMATION CONCERNING THE DISPOSITION OF SIDE DRAIN PIPE IS SHOWN ON THE SUMMARY OF QUANTITIES BOX SHEET. THE TOP LETTERS (SD) ARE FOR SIDE DRAIN AND THE BOTTOM NUMBER IS THE DRAINAGE STRUCTURE INDEX NUMBER.



DIRECTION OF FLOW

UTILITIES



NOT TO SCALE

DATE DRAWN:
08-16-12