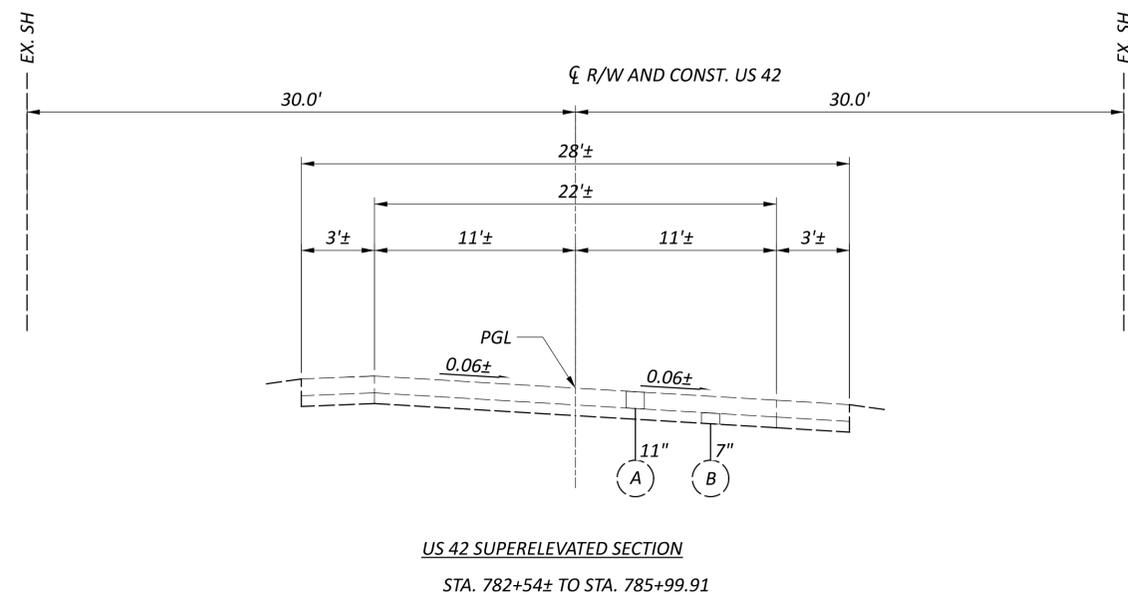
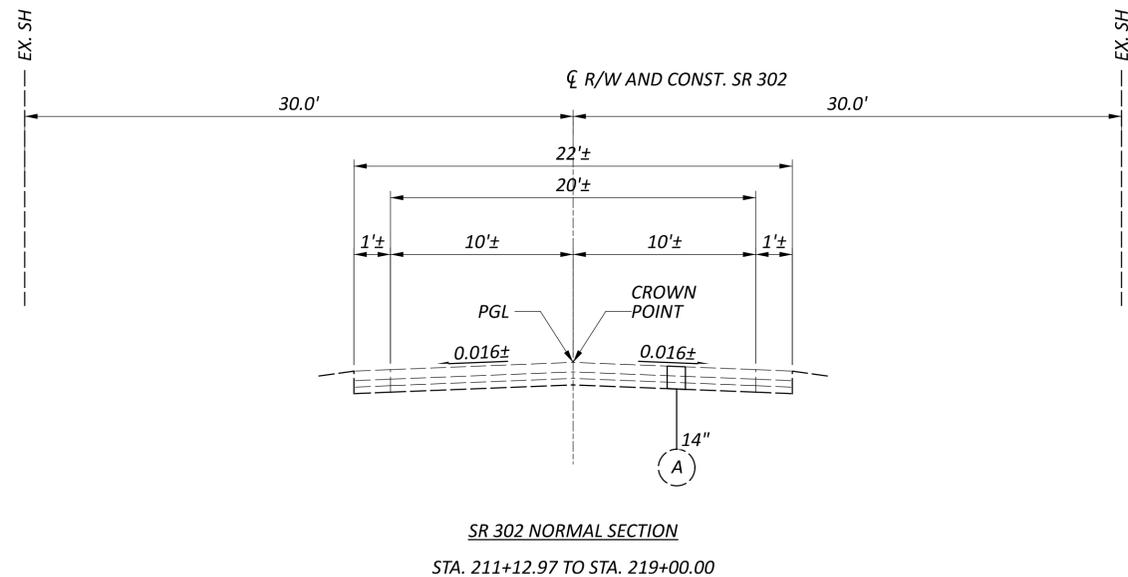
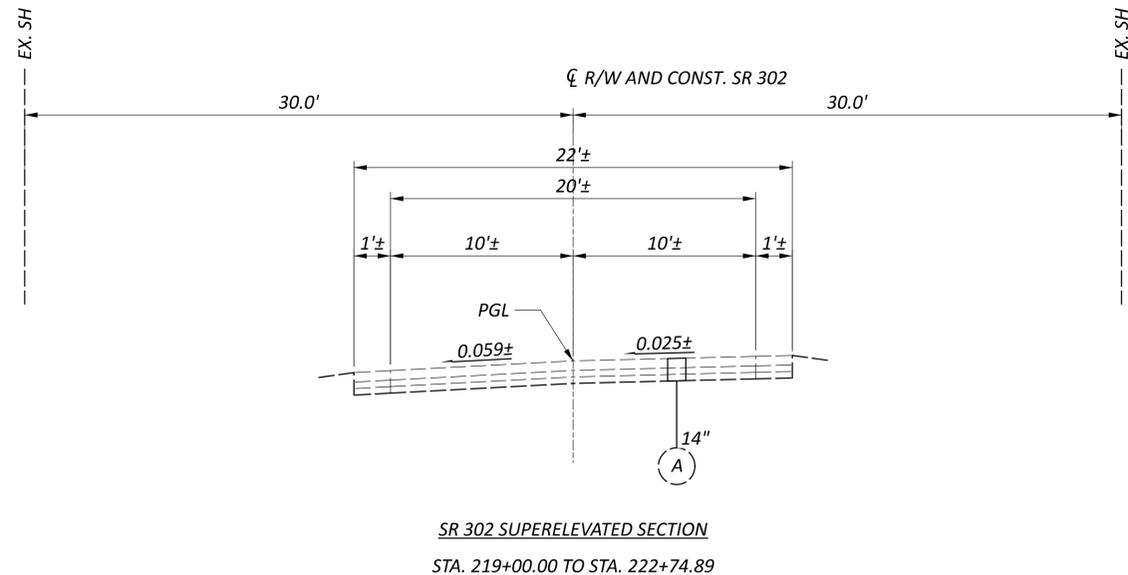
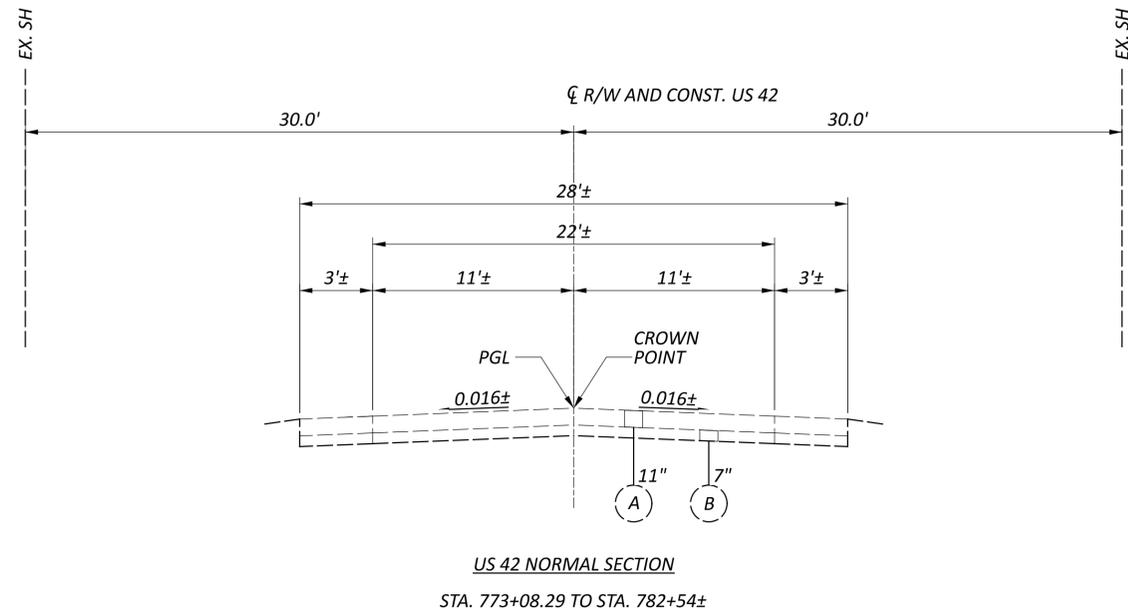


EXISTING LEGEND

- (A) EX. ASPHALT [T=AS DIMENSIONED]
- (B) EX. CONCRETE [T=AS DIMENSIONED]

PROPOSED LEGEND

- 1 ITEM 204 - PROOF ROLLING
- 2 ITEM 206 - CEMENT STABILIZED SUBGRADE, 14 INCHES DEEP
- 3 ITEM 206 - CURING COAT
- 4 ITEM 301 - ASPHALT CONCRETE BASE, PG 64-22, (449) (T=6")
- 5 ITEM 304 - AGGREGATE BASE (T=6", UNLESS OTHERWISE SHOWN)
- 6 ITEM 407 - TACK COAT
- 6A ITEM 408 - PRIME COAT, AS PER PLAN
- 7 ITEM 442 - ASPHALT CONCRETE SURFACE COURSE, 9.5 MM, TYPE A (446), AS PER PLAN, PG70-22M [T=1 1/4"]
- 8 ITEM 442 - ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5 MM, TYPE A (448) [T=1 3/4"]
- 9 ITEM 452 - 9" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC1P, AS PER PLAN (SEE DETAIL "C" AND "D" ON SHEET P.10)
- 10 ITEM 605 - 6" BASE PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC
- 11 ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
- 12 ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 3-B, AS PER PLAN, (SEE DETAIL "B" ON SHEET P.10)
- 13 ITEM 609 - CURB, TYPE 6
- 14 ITEM 609 - 6" CONCRETE TRAFFIC ISLAND, AS PER PLAN, CLASS QC1P, (SEE DETAIL "A" ON SHEET P.10)
- 15 ITEM 617 - COMPACTED AGGREGATE, AS PER PLAN
- 16 ITEM 659 - SEEDING AND MULCHING
- 17 ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 3
- 18 ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2, AS PER PLAN



PAVEMENT

ITEM 452 - 9" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P, AS PER PLAN

THIS WORK SHALL CONSIST OF CONSTRUCTING THE CONCRETE INCLUDING A STAIN COLORING FOR THE ROUNDABOUT TRUCK APRON.

MATERIALS:

A. CONCRETE SHALL BE IN ACCORDANCE WITH THE PLANS AND SECTION 452 OF THE ODOT STANDARD SPECIFICATIONS. DO NOT COMPLY WITH THE REQUIREMENTS OF 451.14. CONCRETE SHALL BE CLASS QC 1P.

B. FOLLOW THE MANUFACTURER'S MIXING AND INSTALLATION REQUIREMENTS FOR COLORIZED CONCRETE. PROVIDE ONE OF THE FOLLOWING:

1. CHROMIX C-32 "QUARRY RED" AS MANUFACTURED BY LM SCOFIELD COMPANY (1-800-800-9900)
2. MIX-READY 160 "BRICK RED" AS MANUFACTURED BY DAVIS COLORS (1-800-356-4848)
3. COLORFLO 417 "PAVER RED" AS MANUFACTURED BY SOLOMON COLORS (1-800-624-0261)

C. COLORED CONCRETE WILL BE AN INTEGRAL COLORING APPLICATION, WITH COLORING ADDITIVES MIXED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. MIX UNTIL COLOR ADDITIVES ARE UNIFORMLY DISPERSED THROUGHOUT MIXTURE. COLOR SHALL BE UNIFORM THROUGHOUT THE CONCRETE.

D. CURING COMPOUND FOR COLORED CONCRETE: CURING COMPOUND SHALL COMPLY WITH ASTM C309 AND BE APPROVED BY COLOR ADDITIVE MANUFACTURER FOR USE WITH COLORED CONCRETE. PROVIDE JS CLEAR COAT SEALER OR APPROVED EQUAL ON ALL SURFACES IN THE MATCHING COLOR.

E. ADMIXTURES: DO NOT USE CALCIUM CHLORIDE ADMIXTURES.

CONSTRUCTION REQUIREMENTS:

A. PREPARE SUBGRADE AND INSTALL COLORED CONCRETE IN ACCORDANCE WITH THE PLANS AND SECTION 452 OF THE ODOT STANDARD SPECIFICATIONS, EXCEPT AS NOTED HEREIN.

B. FINISH: PER ITEM 452.

C. CURING: APPLY CURING COMPOUND FOR COLORED CONCRETE IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. APPLY CURING COMPOUND AT CONSISTENT TIME FOR EACH POUR TO MAINTAIN CLOSE COLOR CONSISTENCY.

D. PROTECT ADJACENT FINISHED SURFACES FROM SPLATTERS.

E. DO NOT ADD WATER TO CONCRETE AT JOB SITE, FOG OR SPRAY SURFACE WITH WATER, OR PUT INTO PUMPS OR ONTO TOOLS OR BROOMS.

F. DO NOT APPLY COLOR ADDITIVES MEANT FOR INTEGRAL COLORING TO SURFACE OF CONCRETE.

PAYMENT WILL INCLUDE THE COST OF FURNISHING AND PLACING ALL OF THE MATERIALS, FINISHING, AND TESTING. ODOT WILL PAY FOR ACCEPTED QUANTITIES AT THE CONTRACT PRICE PER SQUARE YARD FOR ITEM 452 - 9" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P, AS PER PLAN.

ITEM 609 - 6" CONCRETE TRAFFIC ISLAND, AS PER PLAN, CLASS QC 1P

THIS WORK SHALL CONSIST OF CONSTRUCTING THE CONCRETE INCLUDING A STAIN COLORING FOR THE ROUNDABOUT SPLITTER ISLANDS.

MATERIALS:

A. CONCRETE SHALL BE IN ACCORDANCE WITH THE PLANS AND SECTION 452 OF THE ODOT STANDARD SPECIFICATIONS. DO NOT COMPLY WITH THE REQUIREMENTS OF 451.14. CONCRETE SHALL BE CLASS QC 1P.

B. FOLLOW THE MANUFACTURER'S MIXING AND INSTALLATION REQUIREMENTS FOR COLORIZED CONCRETE. PROVIDE ONE OF THE FOLLOWING:

1. CHROMIX C-32 "QUARRY RED" AS MANUFACTURED BY LM SCOFIELD COMPANY (1-800-800-9900)
2. MIX-READY 160 "BRICK RED" AS MANUFACTURED BY DAVIS COLORS (1-800-356-4848)
3. COLORFLO 417 "PAVER RED" AS MANUFACTURED BY SOLOMON COLORS (1-800-624-0261)

C. COLORED CONCRETE WILL BE AN INTEGRAL COLORING APPLICATION, WITH COLORING ADDITIVES MIXED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. MIX UNTIL COLOR ADDITIVES ARE UNIFORMLY DISPERSED THROUGHOUT MIXTURE. COLOR SHALL BE UNIFORM THROUGHOUT THE CONCRETE.

D. CURING COMPOUND FOR COLORED CONCRETE: CURING COMPOUND SHALL COMPLY WITH ASTM C309 AND BE APPROVED BY COLOR ADDITIVE MANUFACTURER FOR USE WITH COLORED CONCRETE. PROVIDE JS CLEAR COAT SEALER OR APPROVED EQUAL ON ALL SURFACES IN THE MATCHING COLOR.

E. ADMIXTURES: DO NOT USE CALCIUM CHLORIDE ADMIXTURES.

CONSTRUCTION REQUIREMENTS:

A. PREPARE SUBGRADE AND INSTALL COLORED CONCRETE IN ACCORDANCE WITH THE PLANS AND SECTION 452 OF THE ODOT STANDARD SPECIFICATIONS, EXCEPT AS NOTED HEREIN.

B. FINISH: COLORED CONCRETE SHALL BE STAMPED WITH A HERRINGBONE USED BRICK PATTERN, OR APPROVED EQUAL. CONTRACTOR TO GET APPROVAL OF PATTERN FROM THE ENGINEER PRIOR TO PLACEMENT OF CONCRETE.

C. CURING: APPLY CURING COMPOUND FOR COLORED CONCRETE IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. APPLY CURING COMPOUND AT CONSISTENT TIME FOR EACH POUR TO MAINTAIN CLOSE COLOR CONSISTENCY.

D. PROTECT ADJACENT FINISHED SURFACES FROM SPLATTERS.

E. DO NOT ADD WATER TO CONCRETE AT JOB SITE, FOG OR SPRAY SURFACE WITH WATER, OR PUT INTO PUMPS OR ONTO TOOLS OR BROOMS.

F. DO NOT APPLY COLOR ADDITIVES MEANT FOR INTEGRAL COLORING TO SURFACE OF CONCRETE.

PAYMENT WILL INCLUDE THE COST OF FURNISHING AND PLACING ALL OF THE MATERIALS, FINISHING, AND TESTING. ODOT WILL PAY FOR ACCEPTED QUANTITIES AT THE CONTRACT PRICE PER SQUARE YARD FOR ITEM 609 - 6" CONCRETE TRAFFIC ISLAND, AS PER PLAN, CLASS QC 1P.

ITEM 442 - ASPHALT CONCRETE SURFACE COURSE, 9.5 MM, TYPE A (446), AS PER PLAN, PG70-22M

703.05 DO NOT USE COARSE AGGREGATE FROM A SOURCE DESIGNATED 'SR' OR 'SRH' ACCORDING TO THE OFFICE OF MATERIALS MANAGEMENT (OMM) IN ANY JOB MIX FORMULA (JMF) FOR THIS ITEM.

ITEM 441 - ASPHALT CONCRETE SURFACE COURSE, TYPE 1 (449) (DRIVEWAYS), AS PER PLAN, PG64-22

703.05 DO NOT USE COARSE AGGREGATE FROM A SOURCE DESIGNATED 'SR' OR 'SRH' ACCORDING TO THE OFFICE OF MATERIALS MANAGEMENT (OMM) IN ANY JOB MIX FORMULA (JMF) FOR THIS ITEM.

ITEM 617 - COMPACTED AGGREGATE, AS PER PLAN

RECYCLED ASPHALT PAVEMENT (RAP) SHALL BE USED IN AREAS ADJACENT TO THE PAVED BERM AS SHOWN ON THE PROPOSED TYPICAL SECTIONS, OR AS DIRECTED BY THE ENGINEER. THE RAP SHALL HAVE A MINIMUM PG CONTENT OF 4.5% AND MEET THE FOLLOWING GRADATION. ONCE THE STOCKPILE MEETS THE GRADATION, THE PG CONTENT OF THE RAP SHALL BE DETERMINED PER 441.03. THE RAP ANALYSIS MUST BE SUBMITTED TO THE ENGINEER FOR APPROVAL 2 WEEKS PRIOR TO USE. METHOD OF MEASUREMENT SHALL BE AS PER 617.06. PLACEMENT AND COMPACTION SHALL MEET THE REQUIREMENTS OF ITEM 617. ITEM 408 PRIME COAT, AS PER PLAN SHALL BE APPLIED ATOP THE COMPACTED AGGREGATE AT AN APPROXIMATE APPLICATION RATE OF 0.4 GALLONS PER SQUARE YARD. ALL MATERIALS, LABOR, EQUIPMENT, TOOLS AND INCIDENTALS NECESSARY TO COMPLETE THE WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 617 COMPACTED AGGREGATE, AS PER PLAN.

MODIFIED GRADATION SHALL APPLY:

SIEVE	TOTAL PERCENT PASSING
1- 1/2 "	100
3/4 "	50-100
NO. 4	35-70
NO. 30	9-33
NO. 200	0-13

ITEM 408 - PRIME COAT, AS PER PLAN

APPLY "MX-70" AT A RATE OF 0.4 GALLONS PER SQUARE YARD, OR AS DETERMINED BY THE ENGINEER TO THE COMPLETED COMPACTED AGGREGATE SHOULDER.

ITEM 251 - PARTIAL DEPTH PAVEMENT REPAIR (441), AS PER PLAN

THIS ITEM SHALL BE USED TO REMOVE EXISTING RUMBLE STRIPS ON SR 302 OUTSIDE THE PROJECT LIMITS AT THE FOLLOWING APPROXIMATE LOCATIONS:

SR 302 STA. 209+00 RT	15 FEET LONG
SR 302 STA. 225+50 LT	15 FEET LONG
SR 302 STA. 226+80 LT	15 FEET LONG

REMOVE THE EXISTING PAVEMENT TO AT LEAST THE DEPTH OF THE RUMBLE STRIPS OR 1.25 INCHES MINIMUM.

INCLUDE THE COST OF ALL ITEMS NECESSARY TO COMPLETE THE WORK UNDER ITEM 251 – PARTIAL DEPTH PAVEMENT REPAIR (441), AS PER PLAN.

DRAINAGE

REVIEW OF DRAINAGE FACILITIES

BEFORE ANY WORK IS STARTED ON THE PROJECT AND AGAIN BEFORE FINAL ACCEPTANCE BY THE STATE, REPRESENTATIVES OF THE STATE AND THE CONTRACTOR, ALONG WITH LOCAL REPRESENTATIVES, SHALL MAKE AN INSPECTION OF ALL EXISTING SEWERS WHICH ARE TO REMAIN IN SERVICE AND WHICH MAY BE AFFECTED BY THE WORK. THE CONDITION OF THE EXISTING CONDUITS AND THEIR APPURTENANCE SHALL BE DETERMINED FROM FIELD OBSERVATIONS. RECORDS OF THE INSPECTION SHALL BE KEPT IN WRITING BY THE STATE.

ALL NEW CONDUITS, INLETS, CATCH BASINS, AND MANHOLES CONSTRUCTED AS A PART OF THE PROJECT SHALL BE FREE OF ALL FOREIGN MATTER AND IN A CLEAN CONDITION BEFORE THE PROJECT WILL BE ACCEPTED BY THE STATE.

ALL EXISTING SEWERS INSPECTED INITIALLY BY THE ABOVE MENTIONED PARTIES SHALL BE MAINTAINED AND LEFT IN A CONDITION REASONABLY COMPARABLE TO THAT DETERMINED BY THE ORIGINAL INSPECTION. ANY CHANGE IN THE CONDITION RESULTING FROM THE CONTRACTORS OPERATIONS SHALL BE CORRECTED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER.

PAYMENT FOR ALL OPERATIONS DESCRIBED ABOVE SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 611 CONDUIT ITEMS.

RESIDENTIAL AND COMMERCIAL DRAINAGE CONNECTIONS

EXISTING ROOF DRAINS, FOOTER DRAINS, OR YARD DRAINS, DISTURBED BY THE WORK, SHALL BE PROVIDED WITH UNOBSTRUCTED OUTLETS BY CONNECTING A CONDUIT INTO A DRAINAGE STRUCTURE OR STORM SEWER SYSTEM. THE CONDUIT SHALL BE CORE-DRILLED INTO THE EXISTING STRUCTURE OR CONDUIT AND THE VOID BETWEEN THE INSTALLED CONDUIT AND BORE HOLE SHALL BE GROUTED. THE LOCATION, TYPE, SIZE AND GRADE OF THE NEW CONDUIT REQUIRED TO REPLACE OR EXTEND THE EXISTING DRAIN WILL BE DETERMINED BY THE ENGINEER.

THE FOLLOWING CONDUIT TYPES MAY BE USED: 707.33, 707.41 NON-PERFORATED, 707.42, 707.43, 707.45, 707.46, 707.47, 707.51, 707.52 SDR35.

PAYMENT FOR ALL LABOR AND MATERIALS WILL BE PERFORMED BY CHANGE ORDER.

DESIGN AGENCY

AECOM

DESIGNER

JNR

REVIEWER

MAW 03/11/22

PROJECT ID

114065

SHEET TOTAL

P.13 | P.133

