SPOKANE TRANSIT AUTHORITY

ROUTE 21 BUS STOP IMPROVEMENTS

PROJECT #2025-11128

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Sheet Index:

Vicinity Maps:

SPOKANE, WA SCALE: 1" = 300'

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CARSTON BERYL MORTENSON
STATE OF WASHINGTON
4/30/2026
42312
REGISTERED
PROFESSIONAL ENGINEER

STA ROUTE 21 BUS STOP IMPROVEMENTS

SpokaneTransit
1230 W. Boone Avenue,
Spokane, Washington 99201

REV	DATE	DESCRIPTION

PROJ. NO.	2025-11128
DRAWN	KCM
CHECKED	AS
DATE	04/30/2026

SHEET TITLE:

COVER SHEET

SHEET NO:

G-001

GENERAL NOTES

1. WORK AND MATERIALS SHALL COMPLY WITH THE REQUIREMENTS AND STANDARDS OF THE AUTHORITIES HAVING JURISDICTION. IF STANDARDS ARE NOT PROVIDED BY THE AUTHORITIES HAVING JURISDICTION, WORK AND MATERIALS SHALL COMPLY WITH THE MOST CURRENT EDITION OF THE STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION AS JOINTLY PROMULGATED BY THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION (WSDOT) AND THE WASHINGTON STATE CHAPTER OF THE AMERICAN PUBLIC WORKS ASSOCIATION (APWA).
2. THE CONTRACTOR SHALL CALL THE UNDERGROUND SERVICE ALERT ONE-CALL NUMBER 1-800-424-5555 TWO BUSINESS DAYS PRIOR TO EXCAVATION.
3. INFORMATION ON EXISTING CONDITIONS SHOWN ON THESE PLANS WAS OBTAINED FROM A SURVEY PERFORMED BY COFFMAN ENGINEERS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND REQUIRED ELEVATIONS AT THE SUBJECT SITE. VERIFY THE LOCATION AND SIZE OF EXISTING UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION ACTIVITIES, INCLUDING UNDERGROUND AND OVERHEAD UTILITIES, UTILITY STRUCTURES, POINTS OF CONNECTION, AND UTILITY CROSSINGS. NOTIFY THE ENGINEER OF ANY DISCREPANCIES OR EXCEPTIONS ENCOUNTERED PRIOR TO PROCEEDING. ANY COSTS INCURRED AS A RESULT OF THE CONTRACTOR'S FAILURE TO VERIFY EXISTING CONDITIONS PRIOR TO BEGINNING CONSTRUCTION SHALL BE BORNE BY THE CONTRACTOR.
4. THE CONTRACTOR SHALL HAVE A COMPLETE SET OF APPROVED PLANS ON THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS.
5. THE DRAWINGS INDICATE LOCATIONS, DIMENSIONS, REFERENCES, AND TYPICAL DETAILS OF CONSTRUCTION. THE DRAWINGS DO NOT INDICATE EVERY CONDITION. WORK NOT FULLY DETAILED SHALL BE OF CONSTRUCTION SIMILAR TO PARTS THAT ARE FULLY DETAILED.
6. THE CONTRACTOR SHALL OBTAIN THE APPROPRIATE APPROVALS AND PERMITS FROM THE AUTHORITIES HAVING JURISDICTION PRIOR TO PROCEEDING WITH CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL COORDINATE WITH THE AUTHORITIES HAVING JURISDICTION TO CONFIRM INSPECTION, TESTING, AND CERTIFICATION REQUIREMENTS.
7. CONSTRUCTION SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES (ADAAG).
8. EXISTING PROPERTY CORNERS AND SURVEY MONUMENTS SHALL BE PROTECTED DURING CONSTRUCTION. ANY DAMAGED OR OBLITERATED CORNERS OR MONUMENTS SHALL BE RE-ESTABLISHED BY A PROFESSIONAL SURVEYOR AT THE CONTRACTOR'S EXPENSE. CONTRACTOR SHALL NOTIFY STA OF ANY DAMAGE/REPAIRS.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TRAFFIC CONTROL IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) STANDARDS. COORDINATE REQUIREMENTS WITH THE AUTHORITIES HAVING JURISDICTION.
10. SAFETY STANDARDS AND REQUIREMENTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND COMPLIED WITH AS SET FORTH BY OSHA.
11. THE CONTRACTOR SHALL HAVE THE APPROPRIATE LICENSES TO PERFORM THE SPECIFIED WORK IN CONFORMANCE WITH THE AUTHORITIES HAVING JURISDICTION.
12. MAINTAIN EXISTING UTILITIES AND PROTECT THEM AGAINST DAMAGE DURING CONSTRUCTION. DO NOT INTERRUPT EXISTING UTILITIES SERVING ADJACENT OCCUPIED OR OPERATING FACILITIES UNLESS AUTHORIZED IN WRITING BY OWNER AND AUTHORITIES HAVING JURISDICTION. PROVIDE TEMPORARY SERVICES DURING INTERRUPTIONS TO EXISTING UTILITIES, AS ACCEPTABLE TO OWNER AND AUTHORITIES HAVING JURISDICTION.
13. IF MATERIALS SUSPECTED OF CONTAINING HAZARDOUS MATERIALS ARE ENCOUNTERED, DO NOT DISTURB; IMMEDIATELY NOTIFY THE ENGINEER AND OWNER.
14. AREAS DISTURBED OR DAMAGED BY CONSTRUCTION ACTIVITIES SHALL BE CONSTRUCTED OR RESTORED TO ORIGINAL CONDITIONS OR BETTER, TO THE SATISFACTION OF THE OWNER, AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR IS RESPONSIBLE FOR DOCUMENTING CONDITIONS PRIOR TO CONSTRUCTION ACTIVITIES AND ANY DAMAGE THAT MAY OCCUR.
15. REMOVE WASTE MATERIALS AND DEBRIS FROM PROJECT SITE AND LEGALLY DISPOSE OF THEM IN AN EPA-APPROVED LANDFILL ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.
16. RECORD DRAWINGS NOTING AS-CONSTRUCTED CONDITIONS SHALL BE PROVIDED BY THE CONTRACTOR AT THE END OF CONSTRUCTION.

DEMOLITION NOTES

1. CONTRACTOR SHALL REVIEW PROJECT LIMITS FOR QUANTITY AND TYPE OF STRUCTURES, GROUND COVER AND DEBRIS AT THE TIME OF BIDDING AND SHALL INCORPORATE REMOVALS/DISPOSAL IN THEIR BID.
2. CONTRACTOR SHALL REMOVE ALL WASTE MATERIAL AND DEBRIS FROM SITE AND LEGALLY DISPOSE OF IN SUITABLE LOCATIONS OFFSITE.
3. CONTRACTOR SHALL OBTAIN ALL CONSTRUCTION APPROVALS/PERMITS FROM GOVERNING AGENCIES PRIOR TO ANY CONSTRUCTION ACTIVITY.
4. THE CONTRACTOR SHALL TAKE EFFECTIVE ACTION TO PREVENT THE FORMATION OF ANY AIRBORNE DUST NUISANCE AND SHALL BE RESPONSIBLE FOR ANY DAMAGE RESULTING FROM FAILURE TO FOLLOW GOVERNING AGENCIES GUIDELINES.
5. CONTRACTOR IS RESPONSIBLE TO REMOVE ANY AND ALL ITEMS NOT OTHERWISE LISTED HEREIN THAT CONFLICT WITH THE CONSTRUCTION OF THE PROJECT. CONTRACTOR SHALL CONTACT ENGINEER IMMEDIATELY TO DETERMINE ANY ITEMS NOT SHOWN ON THE PLANS THAT MUST BE REMOVED. FAILURE TO DO SO DOES NOT RELIEVE CONTRACTOR OF COST RESPONSIBILITY FOR REMOVING ITEMS REQUIRED.
6. REMOVE OBSTRUCTIONS, TREES, SHRUBS, GRASS AND OTHER VEGETATION TO PERMIT INSTALLATION OF NEW CONSTRUCTION. REMOVAL OF TREES AND SHRUBS SHALL INCLUDE DIGGING OUT STUMPS AND OBSTRUCTIONS AND GRUBBING ROOTS. REMOVAL OF TREES IN AREAS ADJACENT TO TREES THAT ARE TO REMAIN AND BE PROTECTED SHALL BE LIMITED TO TREE REMOVAL AND GRINDING OF STUMP TO 3" BELOW FINISHED GRADE. COORDINATE ANY REMOVAL OF THESE ITEMS WITH STA AND ENGINEER. REFER TO CITY OF SPOKANE TREE NOTES FOR WORK ON TREES AND SHRUBS IN THE CITY OF SPOKANE.
7. ALL CONCRETE AND ASPHALT SURFACES INDICATED TO RE REMOVED, SHALL BE SAWCUT.
8. LOCATIONS OF UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE AND MAY NOT HAVE BEEN VERIFIED IN THE FIELD. NO GUARANTEE IS MADE AS TO THE ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN. THE CONTRACTOR IS RESPONSIBLE TO DETERMINE THE EXISTENCE AND LOCATION OF UTILITIES SHOWN ON THESE PLANS BY COORDINATING WITH UTILITY COMPANIES AND LOCATING SERVICES IN ADVANCE OF DEMOLITION CONSTRUCTION. ANY COSTS INCURRED AS A RESULT OF CONTRACTOR'S FAILURE TO VERIFY LOCATIONS OF EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION SHALL BE BORNE BY THE CONTRACTOR.
9. ALL EXISTING IMPROVEMENTS TO REMAIN THAT BECOME DAMAGED DURING CONSTRUCTION SHALL BE COMPLETELY RESTORED TO THE SATISFACTION OF THE OWNER, AT THE CONTRACTOR'S SOLE EXPENSE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DOCUMENT PRIOR DAMAGES.

EROSION & SEDIMENT CONTROL NOTES

1. INSPECT ALL ROADWAYS, AT THE END OF EACH DAY, ADJACENT TO THE CONSTRUCTION ACCESS ROUTE. IF IT IS EVIDENT THAT SEDIMENT HAS BEEN TRACKED OFF SITE AND/OR BEYOND THE ROADWAY APPROACH, CLEANING IS REQUIRED.
2. IF SEDIMENT REMOVAL IS NECESSARY PRIOR TO STREET WASHING, IT SHALL BE REMOVED BY SHOVELING OR PICKUP SWEEPING AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.
3. IF STREET WASHING IS REQUIRED TO CLEAN SEDIMENT TRACKED OFF SITE, ONCE SEDIMENT HAS BEEN REMOVED, STREET WASH WASTEWATER SHALL BE CONTROLLED BY PUMPING BACK ON-SITE OR OTHERWISE PREVENTED FROM DISCHARGING INTO SYSTEMS TRIBUTARY TO WATERS OF THE STATE.
4. RESTORE CONSTRUCTION ACCESS ROUTE EQUAL TO OR BETTER THAN THE PRE-CONSTRUCTION CONDITION.
5. RETAIN THE DUFF LAYER, NATIVE TOPSOIL, AND NATURAL VEGETATION IN AN UNDISTURBED STATE TO THE MAXIMUM EXTENT PRACTICAL.
6. INSPECT SEDIMENT CONTROL BMPS DAILY, PARTICULARLY DURING A STORM EVENT, AND AFTER ANY DISCHARGE FROM THE SITE (STORMWATER OR NON-STORMWATER). THE INSPECTION FREQUENCY MAY BE REDUCED TO ONCE A MONTH IF THE SITE IS STABILIZED AND INACTIVE.
7. CONTROL FUGITIVE DUST FROM CONSTRUCTION ACTIVITY IN ACCORDANCE WITH THE STATE AND/OR LOCAL AIR QUALITY CONTROL AUTHORITIES WITH JURISDICTION OVER THE PROJECT AREA. DO NOT USE WATER WHEN IT MAY DAMAGE ADJACENT CONSTRUCTION OR CREATE HAZARDOUS OR OBJECTIONABLE CONDITIONS, SUCH AS ICE, FLOODING, AND POLLUTION.
8. STABILIZE EXPOSED UNWORKED SOILS (INCLUDING STOCKPILES), WHETHER AT FINAL GRADE OR NOT, WITHIN 10 DAYS DURING THE REGIONAL DRY SEASON (JULY 1 THROUGH SEPTEMBER 30) AND WITHIN 5 DAYS DURING THE REGIONAL WET SEASON (OCTOBER 1 THROUGH JUNE 30). SOILS MUST BE STABILIZED AT THE END OF A SHIFT BEFORE A HOLIDAY WEEKEND IF NEEDED BASED ON THE WEATHER FORECAST. THIS TIME LIMIT MAY ONLY BE ADJUSTED BY A LOCAL JURISDICTION WITH A "QUALIFIED LOCAL PROGRAM," IF IT CAN BE DEMONSTRATED THAT THE RECENT PRECIPITATION JUSTIFIES A DIFFERENT STANDARD AND MEETS THE REQUIREMENTS SET FORTH IN THE CONSTRUCTION STORMWATER GENERAL PERMIT.
9. PROTECT INLETS, DRYWELLS, CATCH BASINS AND OTHER STORMWATER MANAGEMENT FACILITIES FROM SEDIMENT, WHETHER OR NOT FACILITIES ARE OPERABLE.
10. KEEP ROADS ADJACENT TO INLETS CLEAN.
11. INSPECT INLETS WEEKLY AT A MINIMUM AND DAILY, PARTICULARLY DURING STORM EVENTS.
12. CONSTRUCT STORMWATER CONTROL FACILITIES (DETENTION/RETENTION STORAGE POND OR SWALES) BEFORE GRADING BEGINS. THESE FACILITIES SHALL BE OPERATIONAL BEFORE THE CONSTRUCTION OF IMPERVIOUS SITE IMPROVEMENTS.
13. STOCKPILE MATERIALS (SUCH AS TOPSOIL) ON SITE, KEEPING OFF OF ROADWAY AND SIDEWALKS. CONTRACTOR SHALL ENSURE STOCKPILE MATERIALS STAY WITHIN THE PUBLIC RIGHT-OF-WAY. IF SPACE RESTRICTS THE CONTRACTOR'S ABILITY TO STOCKPILE MATERIALS IN THE PUBLIC RIGHT-OF-WAY, THEN STOCKPILING WILL BE PROHIBITED AND ALL MATERIALS SHALL BE BROUGHT TO JOB SITE AS THEY ARE NEEDED.
14. COVER, CONTAIN AND PROTECT ALL CHEMICALS, LIQUID PRODUCTS, PETROLEUM PRODUCT, AND NONINERT WASTES PRESENT ON SITE FROM VANDALISM (SEE CHAPTER 173-304 WAC FOR THE DEFINITION OF INERT WASTE), USE SECONDARY CONTAINMENT FOR ON-SITE FUELING TANKS.
15. CONDUCT MAINTENANCE AND REPAIR OF HEAVY EQUIPMENT AND VEHICLES INVOLVING OIL CHANGES, HYDRAULIC SYSTEM REPAIRS, SOLVENT AND DE-GREASING OPERATIONS, FUEL TANK DRAIN DOWN AND REMOVAL, AND OTHER ACTIVITIES THAT MAY RESULT IN DISCHARGE OR SPILLAGE OF POLLUTANTS TO THE GROUND OR INTO STORMWATER RUNOFF USING SPILL PREVENTION MEASURES, SUCH AS DRIP PANS. CLEAN ALL CONTAMINATED SURFACES IMMEDIATELY FOLLOWING ANY DISCHARGE OR SPILL INCIDENT. IF RAINING OVER EQUIPMENT OR VEHICLE, PERFORM EMERGENCY REPAIRS ON SITE USING TEMPORARY PLASTIC BENEATH THE VEHICLE.
16. CONDUCT APPLICATION OF AGRICULTURAL CHEMICALS, INCLUDING FERTILIZERS AND PESTICIDES, IN SUCH A MANNER, AND AT APPLICATION RATES, THAT INHIBITS THE LOSS OF CHEMICALS INTO STORMWATER RUNOFF FACILITIES. AMEND MANUFACTURER'S RECOMMENDED APPLICATION RATES AND PROCEDURES TO MEET THIS REQUIREMENT, IF NECESSARY.
17. INSPECT ON A REGULAR BASIS (AT A MINIMUM WEEKLY, AND DAILY DURING/AFTER A RUNOFF PRODUCING STORM EVENT) AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL BMPS TO ENSURE SUCCESSFUL PERFORMANCE OF THE BMPS. NOTE THAT INLET PROTECTION DEVICES SHALL BE CLEANED OR REMOVED AND REPLACED BEFORE SIX INCHES OF SEDIMENT CAN ACCUMULATE.
18. REMOVE TEMPORARY ESC BMPS ONCE THE WORK AREA HAS REACHED SUBSTANTIAL COMPLETION. PERMANENTLY STABILIZE AREAS THAT ARE DISTURBED DURING THE REMOVAL PROCESS.
19. PROVIDE TEMPORARY EROSION AND SEDIMENTATION CONTROL MEASURES TO PREVENT SOIL EROSION AND DISCHARGE OF SOIL-BEARING WATER RUNOFF OR AIRBORNE DUST TO ADJACENT PROPERTIES, ACCORDING TO REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION. THE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS FOR STORM WATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITY, INCLUDING OBTAINING THE APPROPRIATE PERMITS AND APPROVALS.
20. EROSION CONTROL MEASURES IN ADDITION TO THOSE INDICATED AS PART OF THIS PLAN MAY BE REQUIRED DUE TO UNFORESEEN CONDITIONS, IF THE MEASURES DO NOT FUNCTION AS INTENDED, OR IF THE AUTHORITIES HAVING JURISDICTION DETERMINE INDICATED MEASURES ARE INADEQUATE.
21. CONCRETE WASHOUT MUST BE PERFORMED OFF-SITE OR IN BINS THAT CAN BE REMOVED FROM THE JOB SITE AT THE END OF EACH WORKDAY.
22. LITTER, CONSTRUCTION DEBRIS, AND CONSTRUCTION CHEMICALS THAT COULD BE EXPOSED TO STORM WATER MUST BE PREVENTED FROM BECOMING A POLLUTANT SOURCE IN STORM WATER DISCHARGES.

EARTHWORK & GRADING NOTES

1. SITE PREPARATION, GRADING, EXCAVATION AND FILL REQUIREMENTS BELOW THE PROPOSED IMPROVEMENTS, EMBANKMENTS, AND UTILITY TRENCHING SHALL BE COMPLETED IN CONFORMANCE WITH WSDOT STANDARD SPECIFICATIONS.
2. EXAMINE EXPOSED SUBGRADES AND BASE SURFACES FOR COMPLIANCE WITH REQUIREMENTS FOR DIMENSIONAL, GRADING, AND ELEVATION TOLERANCES. PREVENT SURFACE WATER AND GROUNDWATER FROM ENTERING EXCAVATIONS, FROM PONDING ON PREPARED SUBGRADES AND BASE SURFACES, AND FROM FLOODING PROJECT SITE AND SURROUNDING AREA. PROTECT SUBGRADES AND BASE SURFACES FROM SOFTENING, UNDERMINING, WASHOUT, DAMAGE BY RAIN OR WATER ACCUMULATION, AND AGAINST FREEZING TEMPERATURES AND FROST.
3. SPOT ELEVATIONS ARE FOR FINISH GRADE UNLESS OTHERWISE NOTED.
4. UNLESS ELEVATIONS AND/OR CONTOURS ARE OTHERWISE SHOWN, NEW FINISH GRADE SURFACES SHALL BE PLACED TO ALLOW FOR POSITIVE DRAINAGE TO RUNOFF COLLECTION DEVICES OR FACILITIES. MAINTAIN POSITIVE DRAINAGE AWAY FROM BUILDINGS. IF FIELD GRADE ADJUSTMENTS ARE REQUIRED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY.
5. GROUNDWATER OR UNANTICIPATED SUBSURFACE CONDITIONS SHALL BE REPORTED TO THE ENGINEER FOR ASSESSMENT AND RECOMMENDATIONS.
6. COMPACTION EFFORTS AND MASS GRADING SHALL BE MONITORED AND TESTED BY AN EXPERIENCED SOILS TECHNICIAN, UNDER THE SUPERVISION OF A LICENSED GEOTECHNICAL ENGINEER. CONTRACTOR TO HIRE AND COORDINATE. ALL RESULTS TO BE PROVIDED TO THE OWNER.

PAVING NOTES

1. DO NOT APPLY PAVEMENT MATERIALS IF SUBGRADE IS WET OR EXCESSIVELY DAMP, OR IF RAIN IS IMMINENT OR EXPECTED BEFORE TIME REQUIRED FOR ADEQUATE CURE. SURFACE AND AIR TEMPERATURES SHALL CONFORM TO REQUIREMENTS OF WSDOT STANDARD SPECIFICATIONS.
2. COMPLY WITH WSDOT STANDARD SPECIFICATION 5-04 FOR HOT MIX ASPHALT PAVEMENT.
3. WHERE NEW ASPHALT PAVEMENT JOINS EXISTING ASPHALT, THE EXISTING ASPHALT SHALL BE SAWCUT TO A NEAT, VERTICAL EDGE AND TACKED WITH ASPHALT EMULSION IN ACCORDANCE WITH WSDOT SPECIFICATIONS.
4. COMPLY WITH WSDOT STANDARD SPECIFICATION 5-05 AND THE AMERICAN CONCRETE INSTITUTE (ACI) 301 REQUIREMENTS FOR MEASURING, MIXING, TRANSPORTING, AND PLACING CEMENT CONCRETE PAVEMENT.
5. APPLY PAVEMENT MARKING MATERIALS TO CLEAN, DRY PAVEMENT SURFACES ACCORDING TO WSDOT STANDARD SPECIFICATION 8-22. PAVEMENT MARKINGS SHALL COMPLY WITH THE MUTCD AND REQUIREMENTS OF THE AUTHORITIES HAVING JURISDICTION.
6. CONSTRUCTION STAKING FOR CURB AND GUTTER, PAVEMENT GRADES, SIDEWALK GRADES, AND ANY OTHER VERTICAL AND/OR HORIZONTAL ALIGNMENT SHALL BE PROVIDED BY A SURVEYING OR ENGINEERING FIRM CAPABLE OF PERFORMING SUCH WORK. CONSTRUCTION STAKING AS STATED ABOVE SHALL BE CONTRACTED WITH AND RESPONSIBILITY OF THE CONTRACTOR.

CITY OF SPOKANE TREE NOTES

1. THE CITY OF SPOKANE'S MUNICIPAL CODE REQUIRES THAT TREE PRUNING, PLANTING, OR REMOVAL WORK WITHIN THE PUBLIC RIGHT-OF-WAY AND ON PUBLIC PROPERTY MUST BE PERFORMED BY A PERSON OF ENTITY WITH A COMMERCIAL TREE LICENSE.
2. INSTALL TREE PROTECTION AROUND ALL EXISTING TREES IN THE PUBLIC RIGHT OF WAY PER CITY OF SPOKANE TREE PROTECTION SPECIFICATIONS AND DETAIL PRIOR TO ANY SITE/SOIL/DEMO WORK. FENCING TO REMAIN INTACT THROUGHOUT ALL PHASES OF DEMOLITION AND CONSTRUCTION.
3. THE GENERAL CONTRACTOR IS RESPONSIBLE TO ENSURE THE ABOVE REQUIREMENTS ARE MET. THE CITY MAY SEEK RESTITUTION TREBLE THE APPRAISED TREE VALUE FOR DAMAGES TO ANY TREES IN THE PUBLIC RIGHT OF WAY DUE TO CONSTRUCTION ACTIVITIES/EQUIPMENT AND FOR ANY RIGHT OF WAY TREES THAT ARE REMOVED WITHOUT UF PERMISSION AND/OR THE PROPER PERMITS.
4. ALL EXISTING PROTECTED STREET TREES WILL BE ASSESSED PRIOR TO ISSUANCE OF FINAL CO TO ENSURE THEY ARE NOT DAMAGED, ARE IN FAIR CONDITION, AND MEET THE CITY STANDARDS FOR CLEARANCE OF 8' OVER SIDEWALKS AND 14' OVER STREETS. IF TREE(S) ARE DAMAGED BEYOND REPAIR, REMOVAL AND REPLACEMENT WILL BE REQUIRED
5. PRIOR TO TRENCHING, DIGGING, REMOVAL, OR INSTALLATION OF HARDSCAPES WITHIN 10' OF THE TRUNK OF ANY RIGHT OF WAY TREE, CONSULT WITH A CITY LICENSED CERTIFIED ARBORIST OR URBAN FORESTRY STAFF.
6. PRIOR TO STREET/PUBLIC TREE INSTALLATION, PRUNING (CROWN/ROOT) OR REMOVALPLEASE HAVE THE CONTRACTED LICENSED CERTIFIED ARBORIST SUBMIT A COMPLETE PUBLIC TREE PERMIT APPLICATION AT LEAST 10 DAYS PRIOR TO WORK BEING PERFORMED FOR THIS PROJECT TO INCLUDE CERTIFIED ARBORIST INFORMATION AND START AND COMPLETION DATES.
7. ALL TREE PRUNING (CROWN OR ROOT) AND TREE REMOVAL WORK MUST BE PERFORMED BY AN INTERNATIONAL SOCIETY OF ARBORICULTURE (ISA) CERTIFIED ARBORIST OR CERTIFIED TREE WORKER. TREE PLANTING MUST BE DIRECTLY SUPERVISED BY AN ISA CERTIFIED ARBORIST OR CERTIFIED TREE WORKER.
8. ALL EQUIPMENT TO BE USED AND ALL WORK TO BE PERFORMED MUST BE IN FULL COMPLIANCE WITH THE MOST CURRENT REVISION OF THE AMERICAN NATIONAL STANDARDS INSTITUTE Z-133-2017, OR AS AMENDED.
9. FOR THE PURPOSE OF PROTECTING TREES IN THE RIGHT-OF-WAY DURING DEVELOPMENT, THE CONTRACTOR/DEVELOPER MAY INSTALL THE TREE PROTECTION ZONE IN ACCORDANCE WITH THE STANDARDS BELOW:
   - 9.1 THE TREE PROTECTION ZONE (TPZ) WILL EITHER BE DETERMINED IN THE FIELD BY CITY OF SPOKANE URBAN FORESTRY STAFF OR ESTABLISHED BY THE CONTRACTED ARBORIST (LICENSED TREE COMPANY) FOR APPROVAL BY URBAN FORESTRY STAFF PRIOR TO EXCAVATION OR WORK BY THE FOLLOWING METHOD. THE TPZ SHALL BE EQUAL TO THE CRITICAL ROOT ZONE (CRZ) AS DEFINED BY THE INTERNATIONAL SOCIETY OF ARBORICULTURE (ISA): AN AREA EQUAL TO 1 FOOT RADIUS FROM THE BASE OF THE TREE'S TRUNK FOR EACH 1 INCH OF THE TREE'S DIAMETER AT 4.5 FEET ABOVE GRADE (REFERRED TO AS DIAMETER AT BREAST HEIGHT OF DBH). TPZ MODIFICATIONS MAY BE MADE DUE TO CONSTRUCTION OBJECTIVES AND SITE INFRASTRUCTURE ON WITH PRIOR AUTHORIZATION BY URBAN FORESTRY STAFF.
   - 9.2 THE AREA WITHIN THE TPZ SHALL BE MULCHED WITH 1-2 INCHES OF UNTREATED WOOD CHIPS, LEAVING A 1 FOOT RADIUS FROM THE TRUNK FREE OF MULCHING MATERIALS, UNLESS OTHERWISE PRE-APPROVED BY URBAN FORESTRY STAFF.
   - 9.3 ALL TREES DESIGNATED FOR PROTECTION SHALL RECEIVE 5-10 GALLONS OF WATER PER CALIPER INCH EVERY SEVEN DAYS THROUGHOUT THE CONSTRUCTION PERIOD. THE AMOUNT AND FREQUENCY OF IRRIGATION MAY BE ADJUSTED AS NEEDED DUE TO TEMPERATURE FLUCTUATIONS AND SITE CONDITIONS. INSTALL TEMPORARY FENCING, 3' TALL MINIMUM, ORANGE PLASTIC CONSTRUCTION FENCING PER MANUFACTURER'S SPECIFICATIONS, LOCATED AS INDICATED OR OUTSIDE THE TPZ OF TREES TO PROTECT REMAINING VEGETATION FROM CONSTRUCTION DAMAGE. FENCING MUST BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION. ALTERNATIVE OR MODIFIED FENCING MATERIAL MAY BE PERMITTED WITH PRIOR AUTHORIZATION BY URBAN FORESTRY STAFF.
   - 9.4 WHERE EQUIPMENT IS NECESSARY TO REMOVE HARDSCAPES IN PROXIMITY OF A PROTECTED TREE, CONSTRUCTION PERSONNEL MUST EXHIBIT DUE CARE TO ENSURE NO DAMAGE OCCURS TO THE EXISTING ROOTS. IF ROOTS ARE ENCOUNTERED IN THE DEMO AREA, CONSULTATION WITH URBAN FORESTRY STAFF OR A CONTRACTED ARBORIST (LICENSED TREE COMPANY) IS REQUIRED TO DETERMINE BEST MANAGEMENT PRACTICE TO MEET CONSTRUCTION AND TREE PRESERVATION OBJECTIVES.
10. PROTECT TREE ROOT SYSTEMS FROM DAMAGE DUE TO NOXIOUS MATERIALS CAUSED BY RUNOFF OR SPILLAGE WILL MIXING, PLACING, OR STORING CONSTRUCTION MATERIALS. PROTECT ROOT SYSTEMS FROM FLOODING, ERODING, OR EXCESSIVE WETTING CAUSED BY DEWATERING OPERATIONS.
11. DO NOT STORE CONSTRUCTION MATERIALS, DEBRIS, OR EXCAVATED MATERIAL WITHIN THE TPZ OF REMAINING TREES. DO NOT PERMIT VEHICLES OR FOOT TRAFFIC WITHIN THE TPZ; PREVENT SOIL COMPACTION OVER ROOT SYSTEMS.

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4/30/2026

STA ROUTE 21 BUS STOP IMPROVEMENTS

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PROJ. NO.	2025-11128
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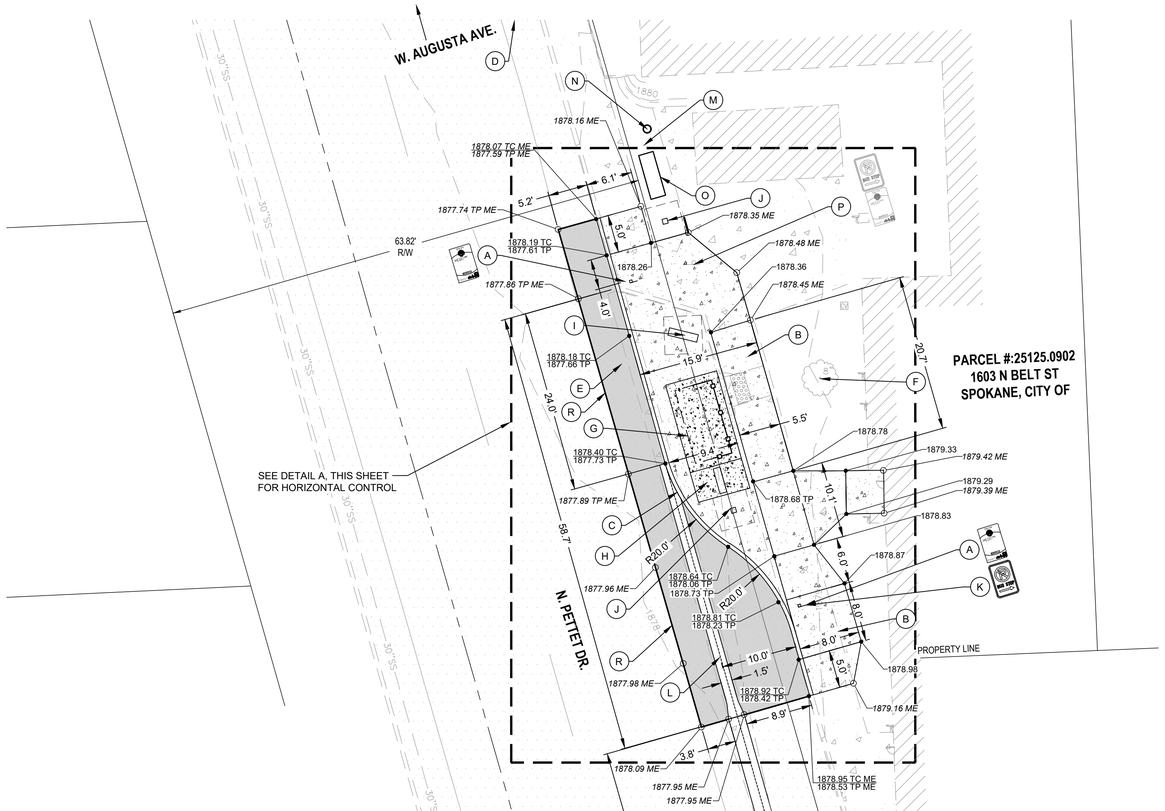
SHEET TITLE:

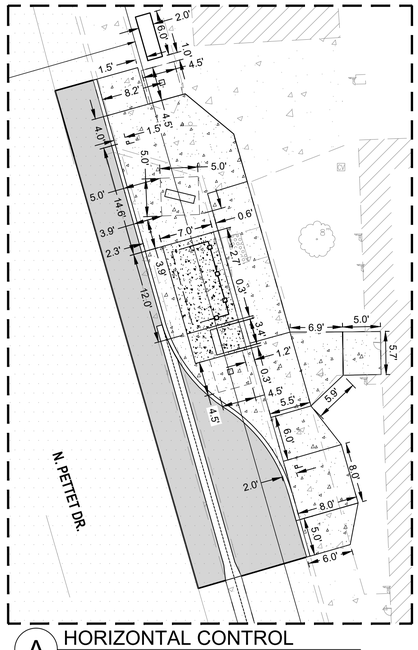
GENERAL NOTES

SHEET NO:

C-100

S.12, T.25N., R.42E., W.M., CITY OF SPOKANE, SPOKANE COUNTY, WASHINGTON





A HORIZONTAL CONTROL

SCALE: 1" = 10'

CONSTRUCTION NOTES

1. REFER TO SHEET C-100 FOR GENERAL NOTES.
2. LOCATE BUS STOP SIGN POST SO THAT NO POLES, TREES, SHELTERS, DRIVEWAYS, BUILDINGS, OR OTHER IMPEDIMENTS ARE WITHIN THE ADA CLEAR ZONE AND SO THAT SIGN IS VISIBLE TO PEDESTRIANS. THE ADA CLEAR ZONE IS DEFINED AS AN AREA 8' PERPENDICULAR TO THE CURB BY 5' PARALLEL TO THE CURB.
3. OBSTRUCTION PERMITS MUST BE OBTAINED FOR CONSTRUCTION IN THE CITY OF SPOKANE PUBLIC RIGHT-OF-WAY, ALONG WITH THE TIME LIMITATIONS OF AN OBSTRUCTION PERMIT, REQUIREMENTS OF THIS PERMIT MAY ALSO INCLUDE TRAFFIC CONTROL MEASURES, WORK-HOUR TIME RESTRICTIONS, AND THE TYPE OF MATERIALS. COORDINATE REQUIREMENTS FOR TRAFFIC CONTROL WITH THE CITY OF SPOKANE.
4. PROPOSED CONCRETE SHALL MATCH ADJACENT EXISTING TOP BACK OF CURB AND SIDEWALK ELEVATIONS, WHERE APPLICABLE.
5. CONTRACTOR SHALL ADJUST/REVISE EXISTING IRRIGATION SYSTEM TO ACCOUNT FOR NEW CONCRETE IMPROVEMENTS. CONTRACTOR SHALL TEST ALL ADJUSTED/REVISED OR REPLACED IRRIGATION SYSTEMS TO CONFIRM THEY WORK PROPERLY WHEN DONE. COORDINATE WITH CITY WATER DEPARTMENT OR PRIVATE IRRIGATION SYSTEM OWNER, WHICHEVER OPERATES THAT SITE'S SYSTEM.
6. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL FIELD VERIFY THE EXACT LOCATION AND BURY DEPTH OF UNDERGROUND UTILITIES. IF THE BURY DEPTH DOES NOT MEET PURVEYORS STANDARDS, UTILITIES SHALL BE PROTECTED AND SLEEVED AND APPROVED BY UTILITY.
7. CONTRACTOR SHALL INSTALL SIGN POST. STA AND THEIR CREWS TO INSTALL SIGN.
8. CONTRACTOR TO REPAIR GRASS, MULCH, GRAVEL, AND ANY OTHER SURFACING ADJACENT IMPROVEMENTS TO PRECONSTRUCTION CONDITIONS ONCE IMPROVEMENTS HAVE BEEN INSTALLED.
9. CONTRACTOR SHALL INSTALL SAND BAGS AT CURB INLETS AND STORM DRAIN INLET PROTECTION (WSDOT I-40.20-00) AT GRATED INLETS AS SHOWN ON PLANS.
10. ALL CUTS TO EXISTING ASPHALT ROADWAYS SHALL COMPLY WITH THE SPOKANE REGIONAL PAVEMENT CUT POLICY.

KEY NOTES

(A) INSTALL TYPE P SIGN POST WITH A TYPE E CONNECTION PER CITY OF SPOKANE STANDARD PLAN G-10 AND G-10E. SIGN LOCATION SHALL CONFORM WITH DIMENSIONS SHOWN AND DETAIL 1, 2 AND 3, SHEET C-300. SIGN TO BE FLAGGED AWAY FROM ROADWAY, SEE SIGNING AND STRIPING GENERAL NOTES AS WELL AS CONSTRUCTION NOTE 7.

(B) REMOVE EXISTING SIDEWALK, LANDSCAPING AND TOP SOIL AS NEEDED FOR NEW SIDEWALK. INSTALL NEW CONCRETE SIDEWALK PER CITY OF SPOKANE STANDARD PLAN F-102. REMOVE EXISTING SIDEWALK TO THE NEAREST JOINT. RE-GRADE FROM TOP OF CONCRETE TO EXISTING GRADE AT A MAXIMUM 3:1 SLOPE AS NECESSARY.

(C) INSTALL CONCRETE CURB PER CITY OF SPOKANE STANDARD PLAN F-106.

(D) INSTALL INLET PROTECTION AT THE SOUTHEAST CORNER OF N. PETTET DR. AND W. AUGUSTA AVE. PER CONSTRUCTION NOTE 9.

(E) REMOVE AND REPLACE ASPHALT PAVEMENT TO MATCH GRADING SHOWN ON PLAN VIEW. ASPHALT SECTION TO MATCH EXISTING. CONTRACTOR TO ASSUME 5" HMA OVER 7" CSBC FOR BIDDING. SEE CONSTRUCTION NOTE 10.

(F) PROTECT EXISTING TREE TO REMAIN.

(G) SHELTER SHALL BE OWNER FURNISHED CONTRACTOR INSTALLED. COORDINATE WITH STA ON REQUIREMENTS FOR INSTALLATION. FOUNDATION TO BE INSTALLED PER STA STD PLANS SP-C06. SEE DETAIL 6, SHEET C-301 AND DETAIL A, THIS SHEET FOR MORE INFO.

(H) LEANING RAIL SHALL BE OWNER FURNISHED, CONTRACTOR INSTALLED. COORDINATE WITH STA ON REQUIREMENTS FOR INSTALLATION. SEE DETAIL11, SHEET C-302 AND DETAIL A, THIS SHEET FOR MORE INFO.

(I) HPT MARKER FOUNDATION SHALL BE INSTALLED PER DETAIL 4, SHEET C-300. SEE DETAIL A, THIS SHEET FOR MORE INFO.

(J) LIGHT POLE TO BE INSTALLED PER STA STANDARD PLAN HPT-S02, SEE DETAIL 5, SHEET C-300.

(K) INSTALL NEW R7-17A (R) SIGN - "NO PARKING BUS STOP" SIGN ON THE PROPOSED STA SIGN POST. SEE KEY NOTE A FOR MORE DETAILS.

(L) INSTALL 1.5' WIDE CONCRETE V GUTTER IN ACCORDANCE WITH CITY OF SPOKANE STANDARD PLAN F-106A.

(M) CONTRACTOR SHALL FILL AND COMPACT SOIL AS REQUIRED. LANDSCAPE AREA SHALL BE RESTORED WITH GRASS SOD. CONTRACTOR TO ADJUST IRRIGATION IF PRESENT FOR FULL COVERAGE OF RESTORED AREAS. SEE CONSTRUCTION NOTE 8 FOR MORE DETAILS.

(N) NEW UTILITY POLE TO BE INSTALLED BY AVISTA, REFER TO ELECTRICAL PLANS.

(O) INSTALL ELECTRICAL POWER AND COMMUNICATION CABINETS FOUNDATION PER DETAIL 10, SHEET C-302. SEE ELECTRICAL PLANS FOR MORE INFORMATION. PER ELECTRICAL, POWER AND COMMUNICATION CABINETS WILL SHARE A SINGLE FOUNDATION FOR THIS STOP.

(P) EXISTING STA SIGN, POST AND BASE TO BE REMOVED. CONTRACTOR SHALL COORDINATE WITH STA FOR RETURN OF EXISTING STA SIGN.

(Q) INSTALL CONCRETE V GUTTER TO MATCH EXISTING WIDTH IN ACCORDANCE WITH CITY OF SPOKANE STANDARD PLAN F-106A.

(R) INSTALL TANGENT DOTTED WIDE LINE THERMOPLASTIC PER CITY OF SPOKANE STANDARD PLAN G-50A IF EXISTING LINES ARE DISTURBED BY PAVEMENT CUT. SEE SIGNING AND STRIPING NOTE 6.

SIGNING AND STRIPING GENERAL NOTES

1. TRAFFIC SIGN POST LOCATIONS SHALL BE FIELD LOCATED BY CITY OF SPOKANE, PRIOR TO INSTALLATION. THE CONTRACTOR SHALL CONTACT THE CITY OF SPOKANE TRAFFIC SIGNS AND MARKERS SUPERVISOR, AT 232-8800, AT LEAST FIVE CITY WORKDAYS PRIOR TO INSTALLATION, TO ARRANGE FOR A CITY REPRESENTATIVE TO FIELD LOCATE SAID SIGN POSTS.
2. FOR ALL TRAFFIC CONTROL SIGNS WITHIN THE RIGHT-OF-WAY: A SPEC. DRAWING SHALL BE SUBMITTED FOR APPROVAL, PRIOR TO MANUFACTURE, AND COMPLETED SIGNS SHALL BE PRESENTED FOR INSPECTION, PRIOR TO INSTALLATION, TO THE CITY OF SPOKANE TRAFFIC SIGNS AND MARKERS SUPERVISOR, AT 901 N. NELSON ST. AN APPOINTMENT IS NECESSARY. THIS INCLUDES ALL SIGNS ATTACHED TO SIGNALS, PHBs AND RRFBs.
3. AT THE TIME OF INSTALLATION, ALL SIGNAGE AND STRIPING WITHIN THE RIGHT-OF-WAY SHALL BE COMPLETED ACCORDING TO THE MOST UP-TO-DATE CITY OF SPOKANE STANDARDS AND SPECIFICATIONS.
4. TRAFFIC SIGNS REMOVED DURING ANY PHASE OF THE CONSTRUCTION PROCESS ARE THE CONTRACTOR'S PROPERTY AND ARE TO BE DISPOSED OF BY CONTRACTOR. THESE SIGNS ARE NOT TO BE REUSED.
5. PAVEMENT MARKINGS ARE TO BE OBLITERATED PER CITY OF SPOKANE STANDARD SPECIFICATIONS (WATER-BLASTING). PAINTING OVER EXISTING MARKINGS IS NOT ALLOWED.
6. ANY DAMAGE TO EXISTING MARKINGS DURING CONSTRUCTION SHALL BE REPAIRED BY THE CONTRACTOR.

10 5 0 10 20

SCALE: 1 INCH = 10 FEET

TBM INFORMATION

POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
79 *	263727.23	2475271.14	1877.75	SET X
80	263560.14	2475272.09	1878.59	SET X

* NOT SHOWN ON PLAN

BENCH MARK NOTE

CONTRACTOR SHALL PROTECT ALL EXISTING PROPERTY CORNERS AND BENCH MARKS. ANY DAMAGE CAUSED BY CONSTRUCTION ACTIVITIES SHALL BE REMEDIED AT THE CONTRACTOR'S EXPENSE.

MONUMENT PRESERVATION NOTE

DISTURBING EXISTING SURVEY MONUMENTS (PROPERTY CORNERS OR KNOWN RECORDED MONUMENTS) IS A GROSS MISDEMEANOR PER RCW 58.04.015. CONTRACTOR SHALL PROTECT ALL EXISTING PROPERTY CORNERS. IF ANY MONUMENTS ARE IN AREAS THAT WILL BE DISTURBED, THE CONTRACTOR SHALL RETAIN A PROFESSIONAL LAND SURVEYOR TO FOLLOW WAC 332-120. ANY DAMAGE CAUSED BY CONSTRUCTION ACTIVITIES SHALL BE REMEDIED AT THE CONTRACTOR'S EXPENSE.

LEGEND

- ASPHALT PAVEMENT
- CONCRETE SIDEWALK
- FOOTING / SHELTER PAD
- 1885 — EXISTING CONTOUR
- PROPERTY LINE
- CURB
- 1878.98 — SPOT ELEVATION

ABBREVIATIONS

TP	TOP OF PAVEMENT
TC	TOP OF CURB
ME	MATCH EXISTING

UTILITY STATEMENT

LOCATION OF EXISTING UNDERGROUND UTILITIES HAVE BEEN TAKEN FROM DRAWINGS AND FIELD LOCATES SUPPLIED BY THE APPROPRIATE UTILITY COMPANIES. UTILITY LOCATIONS SHOWN ON THIS DRAWING ARE APPROXIMATE ONLY. PRIOR TO BEGINNING ANY CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF EACH UTILITY.

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221 N. Wall Street
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Spokane, WA 99201
ph 509.328.2994
www.coffman.com

CARSON BERYL MORTENSON — STATE OF WASHINGTON — 42312 — REGISTERED PROFESSIONAL ENGINEER — 4/30/2026

STA ROUTE 21 BUS STOP IMPROVEMENTS

SpokaneTransit
1230 W. Boone Avenue,
Spokane, Washington 99201

REV	DATE	DESCRIPTION

PROJ. NO. 2025-11128
DRAWN KCM
CHECKED AS
DATE 04/30/2026

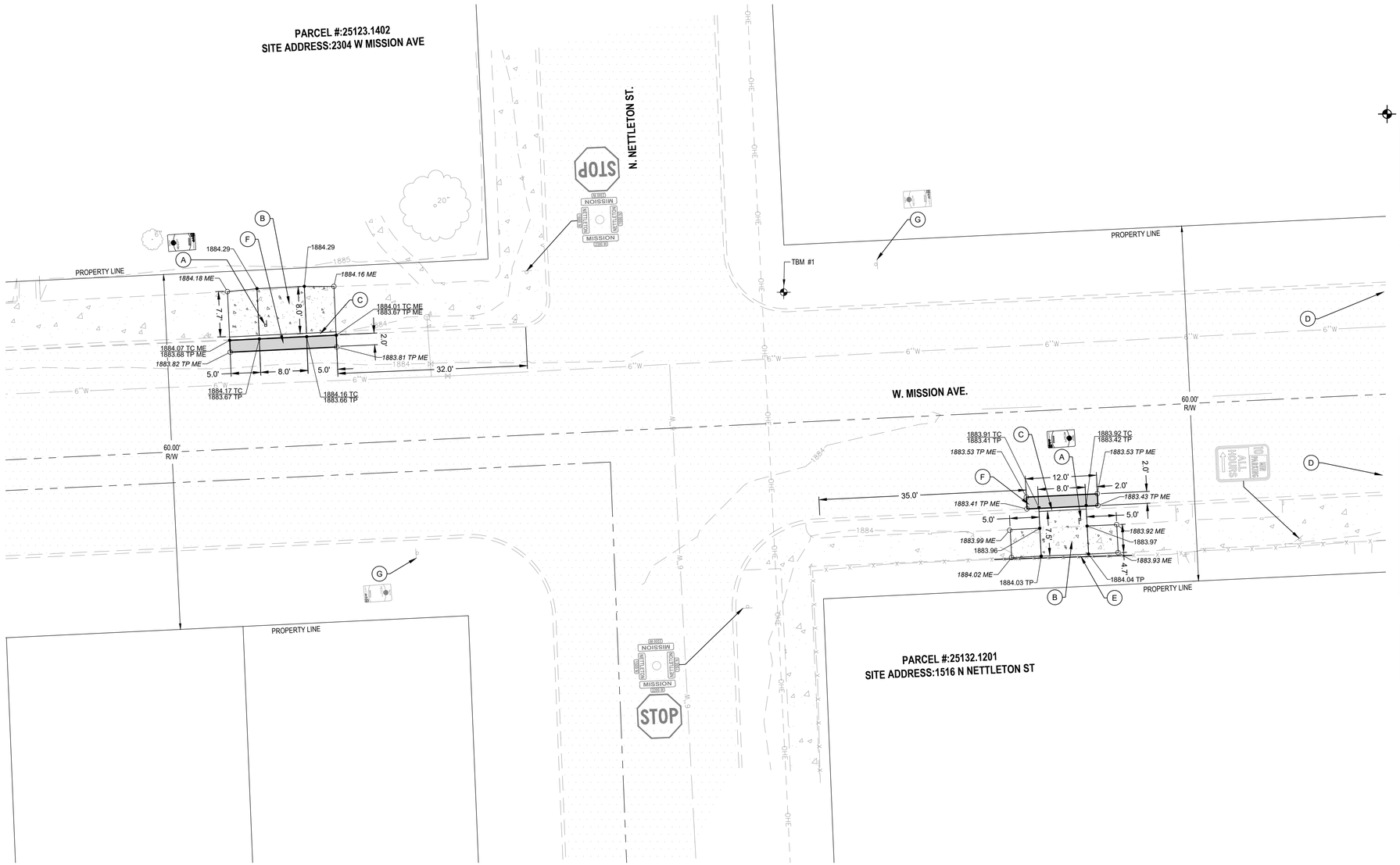
SHEET TITLE:

PETTET DR. & AUGUSTA AVE. (NB)

SHEET NO:

C-201

S.12, T.25N., R.42E., W.M., CITY OF SPOKANE, SPOKANE COUNTY, WASHINGTON



10 5 0 10 20

SCALE: 1 INCH = 10 FEET

TBM INFORMATION

POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	263405.28	2474777.59	1884.10	SET X
75*	263413.50	2474964.52	1883.61	SET X
76*	263389.76	2474486.06	1884.54	SET X

* NOT SHOWN ON PLAN

BENCH MARK NOTE

CONTRACTOR SHALL PROTECT ALL EXISTING PROPERTY CORNERS AND BENCH MARKS. ANY DAMAGE CAUSED BY CONSTRUCTION ACTIVITIES SHALL BE REMEDIED AT THE CONTRACTOR'S EXPENSE.

MONUMENT PRESERVATION NOTE

DISTURBING EXISTING SURVEY MONUMENTS (PROPERTY CORNERS OR KNOWN RECORDED MONUMENTS) IS A GROSS MISDEMEANOR PER RCW 58.04.015. CONTRACTOR SHALL PROTECT ALL EXISTING PROPERTY CORNERS. IF ANY MONUMENTS ARE IN AREAS THAT WILL BE DISTURBED, THE CONTRACTOR SHALL RETAIN A PROFESSIONAL LAND SURVEYOR TO FOLLOW WAC 332-120. ANY DAMAGE CAUSED BY CONSTRUCTION ACTIVITIES SHALL BE REMEDIED AT THE CONTRACTOR'S EXPENSE.

LEGEND

- ASPHALT PAVEMENT
- CONCRETE SIDEWALK
- 1885 — EXISTING CONTOUR
- PROPERTY LINE
- CURB
- 1884.04 — SPOT ELEVATION
- X—X—X— FENCE

ABBREVIATIONS

TP	TOP OF PAVEMENT
TC	TOP OF CURB
ME	MATCH EXISTING

CONSTRUCTION NOTES

1. REFER TO SHEET C-100 FOR GENERAL NOTES.
2. LOCATE BUS STOP SIGN POST SO THAT NO POLES, TREES, SHELTERS, DRIVEWAYS, BUILDINGS, OR OTHER IMPEDIMENTS ARE WITHIN THE ADA CLEAR ZONE AND SO THAT SIGN IS VISIBLE TO PEDESTRIANS. THE ADA CLEAR ZONE IS DEFINED AS AN AREA 8' PERPENDICULAR TO THE CURB BY 5' PARALLEL TO THE CURB.
3. OBSTRUCTION PERMITS MUST BE OBTAINED FOR CONSTRUCTION IN THE CITY OF SPOKANE PUBLIC RIGHT-OF-WAY. ALONG WITH THE TIME LIMITATIONS OF AN OBSTRUCTION PERMIT, REQUIREMENTS OF THIS PERMIT MAY ALSO INCLUDE TRAFFIC CONTROL MEASURES, WORK-HOUR TIME RESTRICTIONS, AND THE TYPE OF MATERIALS. COORDINATE REQUIREMENTS FOR TRAFFIC CONTROL WITH THE CITY OF SPOKANE.
4. PROPOSED CONCRETE SHALL MATCH ADJACENT EXISTING TOP BACK OF CURB AND SIDEWALK ELEVATIONS, WHERE APPLICABLE.
5. CONTRACTOR SHALL ADJUST/REVISE EXISTING IRRIGATION SYSTEM TO ACCOUNT FOR NEW CONCRETE IMPROVEMENTS. CONTRACTOR SHALL TEST ALL ADJUSTED/REVISED OR REPLACED IRRIGATION SYSTEMS TO CONFIRM THEY WORK PROPERLY WHEN DONE. COORDINATE WITH CITY WATER DEPARTMENT OR PRIVATE IRRIGATION SYSTEM OWNER, WHICHEVER OPERATES THAT SITE'S SYSTEM.
6. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL FIELD VERIFY THE EXACT LOCATION AND BURY DEPTH OF UNDERGROUND UTILITIES. IF THE BURY DEPTH DOES NOT MEET PURVEYORS STANDARDS, UTILITIES SHALL BE PROTECTED AND SLEEVED AND APPROVED BY UTILITY.
7. CONTRACTOR SHALL INSTALL SIGN POST, STA AND THEIR CREWS TO INSTALL SIGN.
8. CONTRACTOR TO REPAIR GRASS, MULCH, GRAVEL, AND ANY OTHER SURFACING ADJACENT IMPROVEMENTS TO PRECONSTRUCTION CONDITIONS ONCE IMPROVEMENTS HAVE BEEN INSTALLED.
9. CONTRACTOR SHALL INSTALL SAND BAGS AT CURB INLETS AND STORM DRAIN INLET PROTECTION (WSDOT I-40.20-00) AT GRATED INLETS AS SHOWN ON PLANS.
10. ALL CUTS TO EXISTING ASPHALT ROADWAYS SHALL COMPLY WITH THE SPOKANE REGIONAL PAVEMENT CUT POLICY.

KEY NOTES

(A) INSTALL TYPE P SIGN POST WITH A TYPE E CONNECTION PER CITY OF SPOKANE STANDARD PLAN G-10 AND G-10E. SIGN LOCATION SHALL CONFORM WITH DIMENSIONS SHOWN AND DETAIL 1, 2 AND 3, SHEET C-300. SIGN TO BE FLAGGED AWAY FROM ROADWAY, SEE SIGNING AND STRIPING GENERAL NOTES AS WELL AS CONSTRUCTION NOTE 7.

(B) REMOVE EXISTING SIDEWALK, GRASS AND TOP SOIL AS NEEDED FOR NEW SIDEWALK. INSTALL NEW CONCRETE SIDEWALK PER CITY OF SPOKANE STANDARD PLAN F-102. REMOVE EXISTING SIDEWALK TO THE NEAREST JOINT. RE-GRADE FROM TOP OF CONCRETE TO EXISTING GRADE AT A MAXIMUM 3:1 SLOPE AS NECESSARY.

(C) INSTALL CONCRETE CURB PER CITY OF SPOKANE STANDARD PLAN F-106.

(D) INSTALL INLET PROTECTION PER CONSTRUCTION NOTE 9. INLET LOCATED AT W MISSION AVE AND N PETTET DR INTERSECTION.

(E) REMOVE AND REPLACE EXISTING CHAIN LINK FENCE AS SHOWN FOR INSTALLATION OF PROPOSED IMPROVEMENTS.

(F) REMOVE AND REPLACE ASPHALT PAVEMENT TO MATCH GRADING SHOWN ON PLAN VIEW. ASPHALT SECTION TO MATCH EXISTING. CONTRACTOR TO ASSUME 5" HMA OVER 7" CSBC FOR BIDDING. SEE CONSTRUCTION NOTE 10.

(G) EXISTING STA SIGN, POST AND BASE TO BE REMOVED. CONTRACTOR SHALL COORDINATE WITH STA FOR RETURN OF EXISTING STA SIGN.

SIGNING AND STRIPING GENERAL NOTES

1. TRAFFIC SIGN POST LOCATIONS SHALL BE FIELD LOCATED BY CITY OF SPOKANE, PRIOR TO INSTALLATION. THE CONTRACTOR SHALL CONTACT THE CITY OF SPOKANE TRAFFIC SIGNS AND MARKERS SUPERVISOR, AT 232-8800, AT LEAST FIVE CITY WORKDAYS PRIOR TO INSTALLATION, TO ARRANGE FOR A CITY REPRESENTATIVE TO FILED LOCATE SAID SIGN POSTS.
2. FOR ALL TRAFFIC CONTROL SIGNS WITHIN THE RIGHT-OF-WAY: A SPEC. DRAWING SHALL BE SUBMITTED FOR APPROVAL, PRIOR TO MANUFACTURE, AND COMPLETED SIGNS SHALL BE PRESENTED FOR INSPECTION, PRIOR TO INSTALLATION, TO THE CITY OF SPOKANE TRAFFIC SIGNS AND MARKERS SUPERVISOR, AT 901 N. NELSON ST. AN APPOINTMENT IS NECESSARY. THIS INCLUDES ALL SIGNS ATTACHED TO SIGNALS, PHBs AND RRFBs.
3. AT THE TIME OF INSTALLATION, ALL SIGNAGE AND STRIPING WITHIN THE RIGHT-OF-WAY SHALL BE COMPLETED ACCORDING TO THE MOST UP-TO-DATE CITY OF SPOKANE STANDARDS AND SPECIFICATIONS.
4. TRAFFIC SIGNS REMOVED DURING ANY PHASE OF THE CONSTRUCTION PROCESS ARE THE CONTRACTOR'S PROPERTY AND ARE TO BE DISPOSED OF BY CONTRACTOR. THESE SIGNS ARE NOT TO BE REUSED.
5. PAVEMENT MARKINGS ARE TO BE OBLITERATED PER CITY OF SPOKANE STANDARD SPECIFICATIONS (WATER-BLASTING). PAINTING OVER EXISTING MARKINGS IS NOT ALLOWED.
6. ANY DAMAGE TO EXISTING MARKINGS DURING CONSTRUCTION SHALL BE REPAIRED BY THE CONTRACTOR.

UTILITY STATEMENT

LOCATION OF EXISTING UNDERGROUND UTILITIES HAVE BEEN TAKEN FROM DRAWINGS AND FIELD LOCATES SUPPLIED BY THE APPROPRIATE UTILITY COMPANIES. UTILITY LOCATIONS SHOWN ON THIS DRAWING ARE APPROXIMATE ONLY. PRIOR TO BEGINNING ANY CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF EACH UTILITY.

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CARSTON BERYL MORTENSON — STATE OF WASHINGTON — 4/30/2026 — 42312 — REGISTERED PROFESSIONAL ENGINEER

STA ROUTE 21 BUS STOP IMPROVEMENTS

SpokaneTransit
1230 W. Boone Avenue,
Spokane, Washington 99201

REV	DATE	DESCRIPTION

PROJ. NO.	2025-11128
DRAWN	KCM
CHECKED	AS
DATE	04/30/2026

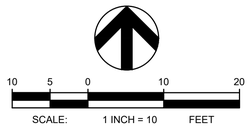
SHEET TITLE:

MISSION AVE. & NETTLETON ST. (EB AND WB)

SHEET NO:

C-202

S.13, T.25N., R.42E., W.M., CITY OF SPOKANE, SPOKANE COUNTY, WASHINGTON



TBM INFORMATION

POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
71	262655.12	2472786.07	1889.85	SET X
72*	262338.21	2472797.81	1887.36	SET X
73*	262835.15	2472779.82	1891.30	SET X

* NOT SHOWN ON PLAN

BENCH MARK NOTE

CONTRACTOR SHALL PROTECT ALL EXISTING PROPERTY CORNERS AND BENCH MARKS. ANY DAMAGE CAUSED BY CONSTRUCTION ACTIVITIES SHALL BE REMEDIED AT THE CONTRACTOR'S EXPENSE.

MONUMENT PRESERVATION NOTE

DISTURBING EXISTING SURVEY MONUMENTS (PROPERTY CORNERS OR KNOWN RECORDED MONUMENTS) IS A GROSS MISDEMEANOR PER RCW 58.04.015. CONTRACTOR SHALL PROTECT ALL EXISTING PROPERTY CORNERS. IF ANY MONUMENTS ARE IN AREAS THAT WILL BE DISTURBED, THE CONTRACTOR SHALL RETAIN A PROFESSIONAL LAND SURVEYOR TO FOLLOW WAC 332-120. ANY DAMAGE CAUSED BY CONSTRUCTION ACTIVITIES SHALL BE REMEDIED AT THE CONTRACTOR'S EXPENSE.

LEGEND

- ASPHALT PAVEMENT
- CONCRETE SIDEWALK
- 1890 EXISTING CONTOUR
- PROPERTY LINE
- CURB
- FENCE
- 1890.10 SPOT ELEVATION

ABBREVIATIONS

FC	FLUSH CURB
TP	TOP OF PAVEMENT
TC	TOP OF CURB
ME	MATCH EXISTING

CONSTRUCTION NOTES

1. REFER TO SHEET C-100 FOR GENERAL NOTES.
2. LOCATE BUS STOP SIGN POST SO THAT NO POLES, TREES, SHELTERS, DRIVEWAYS, BUILDINGS, OR OTHER IMPEDIMENTS ARE WITHIN THE ADA CLEAR ZONE AND SO THAT SIGN IS VISIBLE TO PEDESTRIANS. THE ADA CLEAR ZONE IS DEFINED AS AN AREA 8' PERPENDICULAR TO THE CURB BY 5' PARALLEL TO THE CURB.
3. OBSTRUCTION PERMITS MUST BE OBTAINED FOR CONSTRUCTION IN THE CITY OF SPOKANE PUBLIC RIGHT-OF-WAY. ALONG WITH THE TIME LIMITATIONS OF AN OBSTRUCTION PERMIT, REQUIREMENTS OF THIS PERMIT MAY ALSO INCLUDE TRAFFIC CONTROL MEASURES, WORK-HOUR TIME RESTRICTIONS, AND THE TYPE OF MATERIALS. COORDINATE REQUIREMENTS FOR TRAFFIC CONTROL WITH THE CITY OF SPOKANE.
4. PROPOSED CONCRETE SHALL MATCH ADJACENT EXISTING TOP BACK OF CURB AND SIDEWALK ELEVATIONS, WHERE APPLICABLE.
5. CONTRACTOR SHALL ADJUST/REVISE EXISTING IRRIGATION SYSTEM TO ACCOUNT FOR NEW CONCRETE IMPROVEMENTS. CONTRACTOR SHALL TEST ALL ADJUSTED/REVISED OR REPLACED IRRIGATION SYSTEMS TO CONFIRM THEY WORK PROPERLY WHEN DONE. COORDINATE WITH CITY WATER DEPARTMENT OR PRIVATE IRRIGATION SYSTEM OWNER, WHICHEVER OPERATES THAT SITE'S SYSTEM.
6. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL FIELD VERIFY THE EXACT LOCATION AND BURY DEPTH OF UNDERGROUND UTILITIES. IF THE BURY DEPTH DOES NOT MEET PURVEYORS STANDARDS, UTILITIES SHALL BE PROTECTED AND SLEEVED AND APPROVED BY UTILITY.
7. CONTRACTOR SHALL INSTALL SIGN POST, STA AND THEIR CREWS TO INSTALL SIGN.
8. CONTRACTOR TO REPAIR GRASS, MULCH, GRAVEL, AND ANY OTHER SURFACING ADJACENT IMPROVEMENTS TO PRECONSTRUCTION CONDITIONS ONCE IMPROVEMENTS HAVE BEEN INSTALLED.
9. CONTRACTOR SHALL INSTALL SAND BAGS AT CURB INLETS AND STORM DRAIN INLET PROTECTION (WSDOT I-40.20-00) AT GRATED INLETS AS SHOWN ON PLANS.
10. ALL CUTS TO EXISTING ASPHALT ROADWAYS SHALL COMPLY WITH THE SPOKANE REGIONAL PAVEMENT CUT POLICY.
11. PRIOR TO STREET/PUBLIC TREE INSTALLATION, PRUNING (CROWN/ROOT) OR REMOVAL PLEASE HAVE THE CONTRACTED LICENSED CERTIFIED ARBORIST SUBMIT A COMPLETE PUBLIC TREE PERMIT APPLICATION AT LEAST 10 DAYS PRIOR TO WORK BEING PERFORMED FOR THIS PROJECT TO INCLUDE CERTIFIED ARBORIST INFORMATION AND START AND COMPLETION DATES. SEE GENERAL NOTES SHEET C-100 FOR MORE TREE PROTECTION NOTES.

KEY NOTES

- (A) INSTALL TYPE P SIGN POST WITH A TYPE E CONNECTION PER CITY OF SPOKANE STANDARD PLAN G-10 AND G-10E. SIGN LOCATION SHALL CONFORM WITH DIMENSIONS SHOWN AND DETAIL 1, 2 AND 3, SHEET C-300. SIGN TO BE FLAGGED AWAY FROM ROADWAY, SEE SIGNING AND STRIPING GENERAL NOTES AS WELL AS CONSTRUCTION NOTE 7.
- (B) REMOVE EXISTING SIDEWALK, CURB, ASPHALT, GRASS AND TOP SOIL AS NEEDED FOR NEW SIDEWALK. INSTALL NEW CONCRETE SIDEWALK PER CITY OF SPOKANE STANDARD PLAN F-102. REMOVE EXISTING SIDEWALK TO THE NEAREST JOINT. RE-GRADE FROM TOP OF CONCRETE TO EXISTING GRADE AT A MAXIMUM 3:1 SLOPE AS NECESSARY.
- (C) INSTALL CONCRETE CURB PER CITY OF SPOKANE STANDARD PLAN F-106.
- (D) INSTALL INLET PROTECTION PER CONSTRUCTION NOTE 9.
- (E) REMOVE AND REPLACE EXISTING CHAIN LINK FENCE AS NEEDED FOR INSTALLATION OF PROPOSED IMPROVEMENTS.
- (F) RAISE MANHOLE TO PROPOSED GRADE PER CITY OF SPOKANE STANDARD PLAN A-8.
- (G) REMOVE AND REPLACE ASPHALT PAVEMENT TO MATCH GRADING SHOWN ON PLAN VIEW. ASPHALT SECTION TO MATCH EXISTING. CONTRACTOR TO ASSUME 3" HMA OVER 5" CSBC FOR BIDDING. SEE CONSTRUCTION NOTE 10.
- (H) PROTECT EXISTING TREE. SEE CONSTRUCTION NOTE 11, THIS SHEET AND DETAIL 12, SHEET C-302.
- (I) EXISTING STA SIGN, POST AND BASE TO BE REMOVED. CONTRACTOR SHALL COORDINATE WITH STA FOR RETURN OF EXISTING STA SIGN.
- (J) INSTALL CONCRETE CURB RAMP (TYPE-1) PER CITY OF SPOKANE STANDARD PLAN F-105.
- (K) CONTRACTOR SHALL REMOVE EXISTING CURB AND PAVEMENT.CONTRACTOR SHALL FILL AND COMPACT SOIL AS REQUIRED. LANDSCAPE AREA SHALL BE RESTORED WITH GRASS SOD. PER COORDINATION WITH THE ADJACENT PROPERTY OWNER, EXISTING IRRIGATION SPRINKLERS ARE PRESENT IN THE PLANTING STRIP. CONTRACTOR SHALL ADJUST SPRINKLERS NEXT TO THE NEW CURB AND EXTEND IRRIGATION LINES AS NEEDED TO PROVIDE FULL COVERAGE OF RESTORED AREAS. SEE CONSTRUCTION NOTE 8 FOR MORE DETAILS.

SIGNING AND STRIPING GENERAL NOTES

1. TRAFFIC SIGN POST LOCATIONS SHALL BE FIELD LOCATED BY CITY OF SPOKANE, PRIOR TO INSTALLATION. THE CONTRACTOR SHALL CONTACT THE CITY OF SPOKANE TRAFFIC SIGNS AND MARKERS SUPERVISOR, AT 232-8800, AT LEAST FIVE CITY WORKDAYS PRIOR TO INSTALLATION, TO ARRANGE FOR A CITY REPRESENTATIVE TO FILED LOCATE SAID SIGN POSTS.
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UTILITY STATEMENT
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CARSTON BERYL MORTENSON — STATE OF WASHINGTON — 42312 — REGISTERED PROFESSIONAL ENGINEER — 4/30/2026

STA ROUTE 21 BUS STOP IMPROVEMENTS

SpokaneTransit
1230 W. Boone Avenue,
Spokane, Washington 99201

REV	DATE	DESCRIPTION

PROJ. NO.	2025-11128
DRAWN	KCM
CHECKED	AS
DATE	04/30/2026

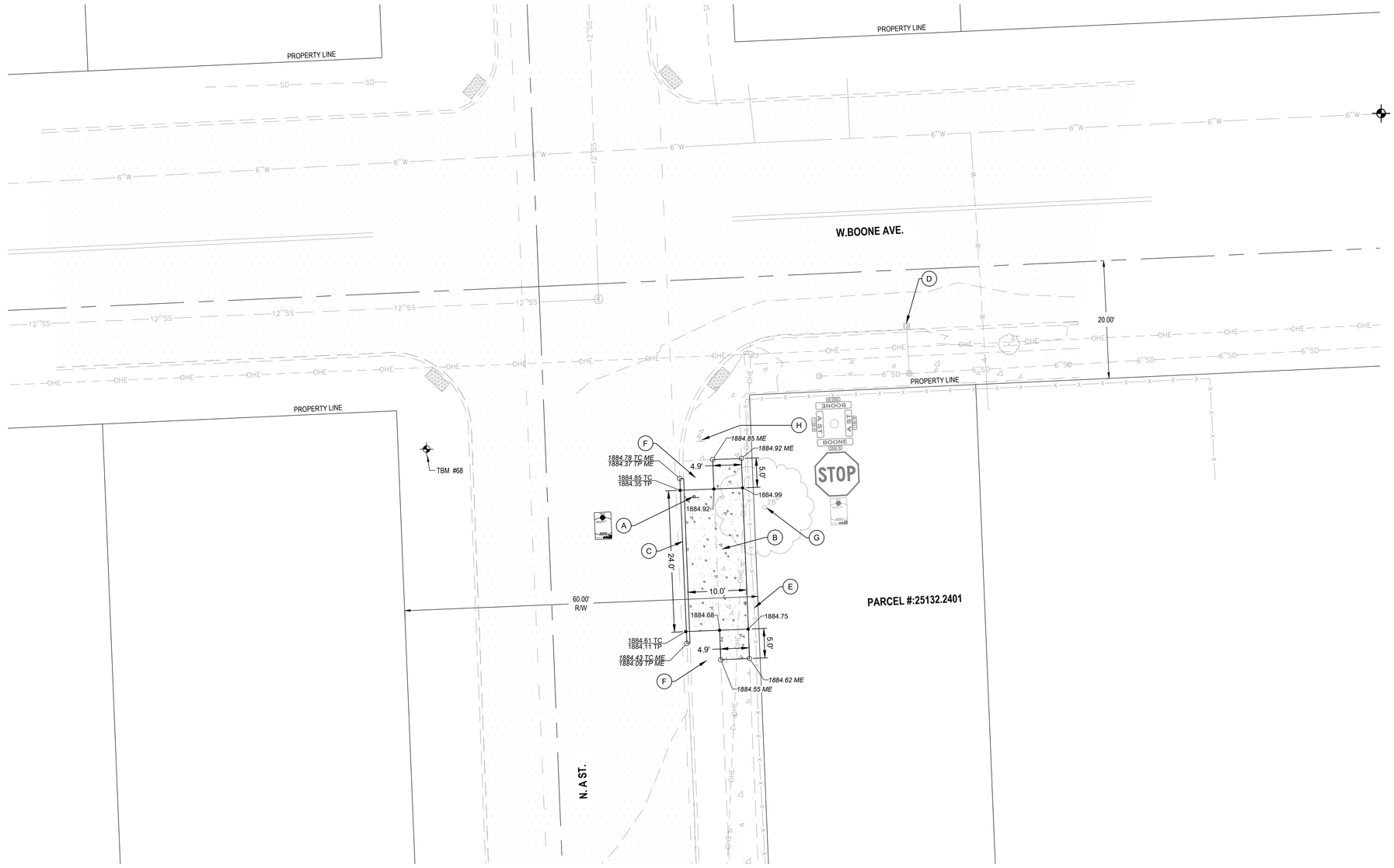
SHEET TITLE:

A ST. & SINTO AVE. (NB)

SHEET NO:

C-203

S.13, T.25N., R.42E., W.M., CITY OF SPOKANE, SPOKANE COUNTY, WASHINGTON



10 5 0 10 20

SCALE: 1 INCH = 10 FEET

TBM INFORMATION

POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
68	261902.30	2472815.17	1884.98	SET X
69*	261656.80	2472825.18	1882.20	SET X
70*	261955.63	2472628.39	1884.02	SET X

* NOT SHOWN ON PLAN

BENCH MARK NOTE

CONTRACTOR SHALL PROTECT ALL EXISTING PROPERTY CORNERS AND BENCH MARKS. ANY DAMAGE CAUSED BY CONSTRUCTION ACTIVITIES SHALL BE REMEDIED AT THE CONTRACTOR'S EXPENSE.

MONUMENT PRESERVATION NOTE

DISTURBING EXISTING SURVEY MONUMENTS (PROPERTY CORNERS OR KNOWN RECORDED MONUMENTS) IS A GROSS MISDEMEANOR PER RCW 58.04.015. CONTRACTOR SHALL PROTECT ALL EXISTING PROPERTY CORNERS. IF ANY MONUMENTS ARE IN AREAS THAT WILL BE DISTURBED, THE CONTRACTOR SHALL RETAIN A PROFESSIONAL LAND SURVEYOR TO FOLLOW WAC 332-120. ANY DAMAGE CAUSED BY CONSTRUCTION ACTIVITIES SHALL BE REMEDIED AT THE CONTRACTOR'S EXPENSE.

LEGEND

- CONCRETE SIDEWALK
- 1885 EXISTING CONTOUR
- PROPERTY LINE
- CURB
- 1884.69 SPOT ELEVATION
- FENCE

ABBREVIATIONS

TP	TOP OF PAVEMENT
TC	TOP OF CURB
ME	MATCH EXISTING

CONSTRUCTION NOTES

1. REFER TO SHEET C-100 FOR GENERAL NOTES.
2. LOCATE BUS STOP SIGN POST SO THAT NO POLES, TREES, SHELTERS, DRIVEWAYS, BUILDINGS, OR OTHER IMPEDIMENTS ARE WITHIN THE ADA CLEAR ZONE AND SO THAT SIGN IS VISIBLE TO PEDESTRIANS. THE ADA CLEAR ZONE IS DEFINED AS AN AREA 8' PERPENDICULAR TO THE CURB BY 5' PARALLEL TO THE CURB.
3. OBSTRUCTION PERMITS MUST BE OBTAINED FOR CONSTRUCTION IN THE CITY OF SPOKANE PUBLIC RIGHT-OF-WAY. ALONG WITH THE TIME LIMITATIONS OF AN OBSTRUCTION PERMIT, REQUIREMENTS OF THIS PERMIT MAY ALSO INCLUDE TRAFFIC CONTROL MEASURES, WORK-HOUR TIME RESTRICTIONS, AND THE TYPE OF MATERIALS. COORDINATE REQUIREMENTS FOR TRAFFIC CONTROL WITH THE CITY OF SPOKANE.
4. PROPOSED CONCRETE SHALL MATCH ADJACENT EXISTING TOP BACK OF CURB AND SIDEWALK ELEVATIONS, WHERE APPLICABLE.
5. CONTRACTOR SHALL ADJUST/REVISE EXISTING IRRIGATION SYSTEM TO ACCOUNT FOR NEW CONCRETE IMPROVEMENTS. CONTRACTOR SHALL TEST ALL ADJUSTED/REVISED OR REPLACED IRRIGATION SYSTEMS TO CONFIRM THEY WORK PROPERLY WHEN DONE. COORDINATE WITH CITY WATER DEPARTMENT OR PRIVATE IRRIGATION SYSTEM OWNER, WHICHEVER OPERATES THAT SITE'S SYSTEM.
6. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL FIELD VERIFY THE EXACT LOCATION AND BURY DEPTH OF UNDERGROUND UTILITIES. IF THE BURY DEPTH DOES NOT MEET PURVEYORS STANDARDS, UTILITIES SHALL BE PROTECTED AND SLEEVED AND APPROVED BY UTILITY.
7. CONTRACTOR SHALL INSTALL SIGN POST, STA AND THEIR CREWS TO INSTALL SIGN.
8. CONTRACTOR TO REPAIR GRASS, MULCH, GRAVEL, AND ANY OTHER SURFACING ADJACENT IMPROVEMENTS TO PRECONSTRUCTION CONDITIONS ONCE IMPROVEMENTS HAVE BEEN INSTALLED.
9. CONTRACTOR SHALL INSTALL SAND BAGS AT CURB INLETS AND STORM DRAIN INLET PROTECTION (WSDOT I-40.20-00) AT GRATED INLETS AS SHOWN ON PLANS.
10. CONTRACTOR TO PATCH/REPAIR ANY DAMAGE TO EXISTING ASPHALT CAUSED DURING CONSTRUCTION.

KEY NOTES

(A) INSTALL TYPE P SIGN POST WITH A TYPE E CONNECTION PER CITY OF SPOKANE STANDARD PLAN G-10 AND G-10E. SIGN LOCATION SHALL CONFORM WITH DIMENSIONS SHOWN AND DETAIL 1, 2 AND 3, SHEET C-300. SIGN TO BE FLAGGED AWAY FROM ROADWAY, SEE SIGNING AND STRIPING GENERAL NOTES AS WELL AS CONSTRUCTION NOTE 7.

(B) REMOVE EXISTING SIDEWALK, GRASS AND TOP SOIL AS NEEDED FOR NEW SIDEWALK. INSTALL NEW CONCRETE SIDEWALK PER CITY OF SPOKANE STANDARD PLAN F-102. REMOVE EXISTING SIDEWALK TO THE NEAREST JOINT. RE-GRADE FROM TOP OF CONCRETE TO EXISTING GRADE AT A MAXIMUM 3:1 SLOPE AS NECESSARY.

(C) INSTALL CONCRETE CURB PER CITY OF SPOKANE STANDARD PLAN F-106.

(D) INSTALL INLET PROTECTION AT NE CORNER INTERSECTION OF N. A ST. AND GARDNER AVE. SOUTH OF THE PROPOSED STOP PER CONSTRUCTION NOTE 9.

(E) EXISTING FENCE TO BE PROTECTED IN PLACE.

(F) CONTRACTOR SHALL FILL AND COMPACT SOIL AS REQUIRED. LANDSCAPE AREA SHALL BE RESTORED WITH GRASS SOD. CONTRACTOR TO ADJUST IRRIGATION IF PRESENT FOR FULL COVERAGE OF RESTORED AREAS. SEE CONSTRUCTION NOTE 8 FOR MORE DETAILS.

(G) PROTECT EXISTING TREE. ALL TREE PRUNING (CROWN OR ROOT) WORK MUST BE PERFORMED BY AN INTERNATIONAL SOCIETY OF ARBORICULTURE (ISA) CERTIFIED ARBORIST OR CERTIFIED TREE WORKER. SEE SHEET C-100 FOR MORE DETAILS.

(H) EXISTING STA SIGN TO BE REMOVED. CONTRACTOR SHALL COORDINATE WITH STA FOR RETURN OF EXISTING STA SIGN. POST, BASE, STOP SIGN AND STREET NAME SIGNS TO BE PROTECTED IN PLACE.

SIGNING AND STRIPING GENERAL NOTES

1. TRAFFIC SIGN POST LOCATIONS SHALL BE FIELD LOCATED BY CITY OF SPOKANE, PRIOR TO INSTALLATION. THE CONTRACTOR SHALL CONTACT THE CITY OF SPOKANE TRAFFIC SIGNS AND MARKERS SUPERVISOR, AT 232-8800, AT LEAST FIVE CITY WORKDAYS PRIOR TO INSTALLATION, TO ARRANGE FOR A CITY REPRESENTATIVE TO FILED LOCATE SAID SIGN POSTS.
2. FOR ALL TRAFFIC CONTROL SIGNS WITHIN THE RIGHT-OF-WAY: A SPEC. DRAWING SHALL BE SUBMITTED FOR APPROVAL, PRIOR TO MANUFACTURE, AND COMPLETED SIGNS SHALL BE PRESENTED FOR INSPECTION, PRIOR TO INSTALLATION, TO THE CITY OF SPOKANE TRAFFIC SIGNS AND MARKERS SUPERVISOR, AT 901 N. NELSON ST. AN APPOINTMENT IS NECESSARY. THIS INCLUDES ALL SIGNS ATTACHED TO SIGNALS, PHBs AND RRFBs.
3. AT THE TIME OF INSTALLATION, ALL SIGNAGE AND STRIPING WITHIN THE RIGHT-OF-WAY SHALL BE COMPLETED ACCORDING TO THE MOST UP-TO-DATE CITY OF SPOKANE STANDARDS AND SPECIFICATIONS.
4. TRAFFIC SIGNS REMOVED DURING ANY PHASE OF THE CONSTRUCTION PROCESS ARE THE CONTRACTOR'S PROPERTY AND ARE TO BE DISPOSED OF BY CONTRACTOR. THESE SIGNS ARE NOT TO BE REUSED.
5. PAVEMENT MARKINGS ARE TO BE OBLITERATED PER CITY OF SPOKANE STANDARD SPECIFICATIONS (WATER-BLASTING). PAINTING OVER EXISTING MARKINGS IS NOT ALLOWED.
6. ANY DAMAGE TO EXISTING MARKINGS DURING CONSTRUCTION SHALL BE REPAIRED BY THE CONTRACTOR.

UTILITY STATEMENT

LOCATION OF EXISTING UNDERGROUND UTILITIES HAVE BEEN TAKEN FROM DRAWINGS AND FIELD LOCATES SUPPLIED BY THE APPROPRIATE UTILITY COMPANIES. UTILITY LOCATIONS SHOWN ON THIS DRAWING ARE APPROXIMATE ONLY. PRIOR TO BEGINNING ANY CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF EACH UTILITY.

811 Know what's below. Call before you dig.

BID SET

COFFMAN ENGINEERS
221 N. Wall Street
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Spokane, WA 99201
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www.coffman.com

CARSTON BERYL MORTENSON — STATE OF WASHINGTON — 4/30/2026 — 42312 — REGISTERED PROFESSIONAL ENGINEER

STA ROUTE 21 BUS STOP IMPROVEMENTS

SpokaneTransit
1230 W. Boone Avenue,
Spokane, Washington 99201

REV	DATE	DESCRIPTION

PROJ. NO.	2025-11128
DRAWN	KCM
CHECKED	AS
DATE	04/30/2026

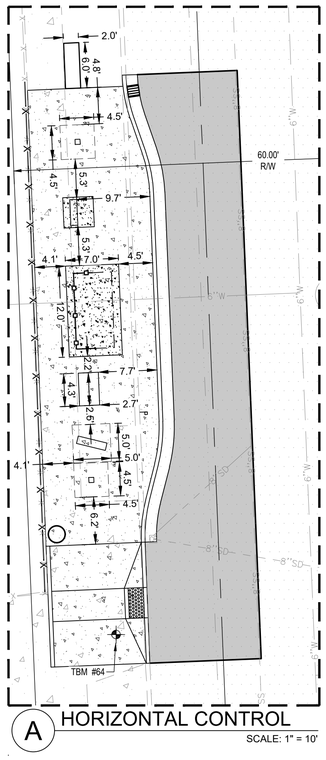
SHEET TITLE:

A ST. & BOONE AVE. (NB)

SHEET NO:

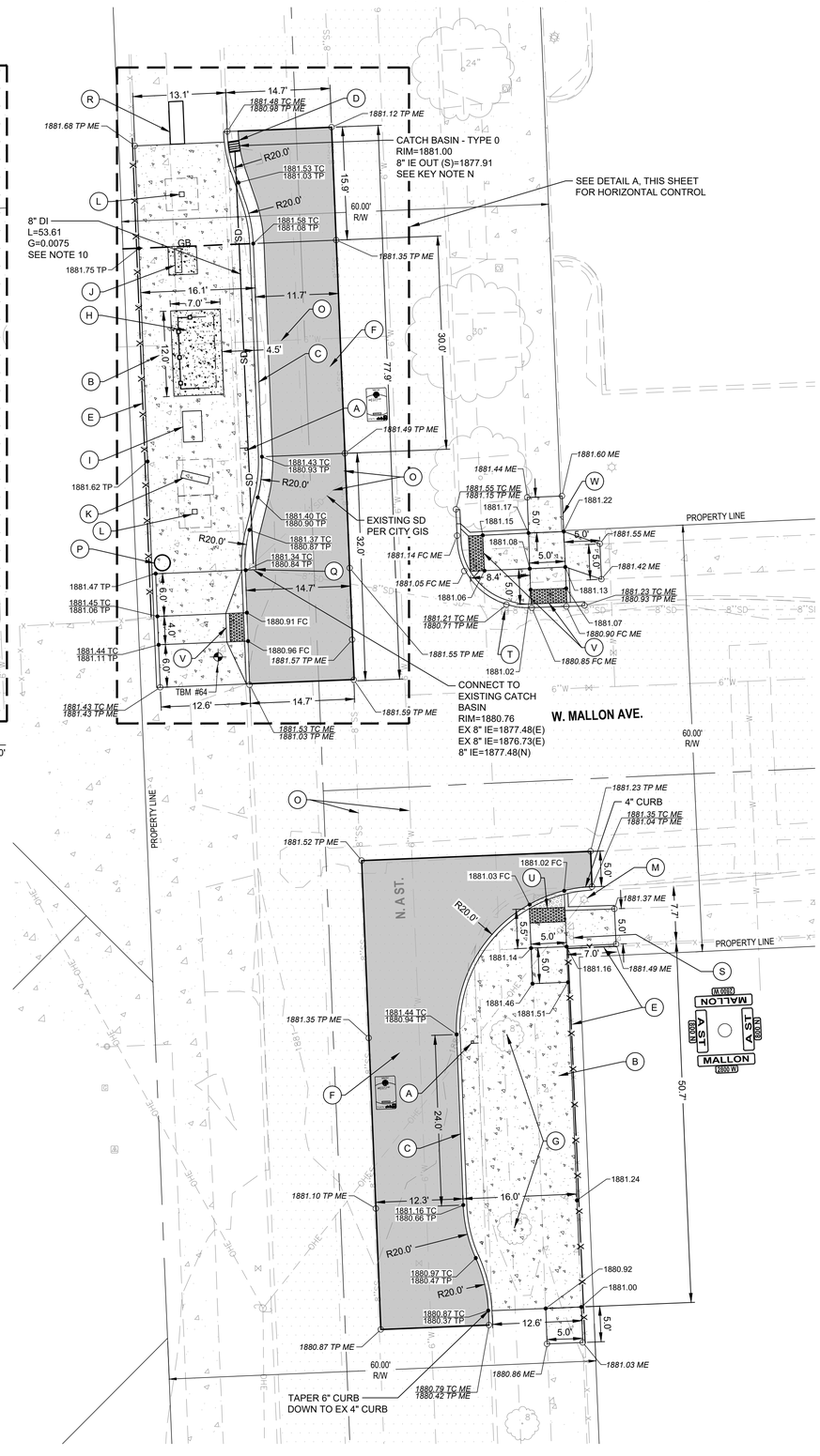
C-204

S.13, T.25N., R.42E., W.M., CITY OF SPOKANE, SPOKANE COUNTY, WASHINGTON



A HORIZONTAL CONTROL

SCALE: 1" = 10'



CONSTRUCTION NOTES

1. REFER TO SHEET C-100 FOR GENERAL NOTES.
2. LOCATE BUS STOP SIGN POST SO THAT NO POLES, TREES, SHELTERS, DRIVEWAYS, BUILDINGS, OR OTHER IMPEDIMENTS ARE WITHIN THE ADA CLEAR ZONE AND SO THAT SIGN IS VISIBLE TO PEDESTRIANS. THE ADA CLEAR ZONE IS DEFINED AS AN AREA 8' PERPENDICULAR TO THE CURB BY 5' PARALLEL TO THE CURB.
3. OBSTRUCTION PERMITS MUST BE OBTAINED FOR CONSTRUCTION IN THE CITY OF SPOKANE PUBLIC RIGHT-OF-WAY. ALONG WITH THE TIME LIMITATIONS OF AN OBSTRUCTION PERMIT, REQUIREMENTS OF THIS PERMIT MAY ALSO INCLUDE TRAFFIC CONTROL MEASURES, WORK-HOUR TIME RESTRICTIONS, AND THE TYPE OF MATERIALS. COORDINATE REQUIREMENTS FOR TRAFFIC CONTROL WITH THE CITY OF SPOKANE.
4. PROPOSED CONCRETE SHALL MATCH ADJACENT EXISTING TOP BACK OF CURB AND SIDEWALK ELEVATIONS, WHERE APPLICABLE.
5. CONTRACTOR SHALL ADJUST/REVISE EXISTING IRRIGATION SYSTEM TO ACCOUNT FOR NEW CONCRETE IMPROVEMENTS. CONTRACTOR SHALL TEST ALL ADJUSTED/REVISED OR REPLACED IRRIGATION SYSTEMS TO CONFIRM THEY WORK PROPERLY WHEN DONE. COORDINATE WITH CITY WATER DEPARTMENT OR PRIVATE IRRIGATION SYSTEM OWNER, WHICHEVER OPERATES THAT SITE'S SYSTEM.
6. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL FIELD VERIFY THE EXACT LOCATION AND BURY DEPTH OF UNDERGROUND UTILITIES. IF THE BURY DEPTH DOES NOT MEET PURVEYORS STANDARDS, UTILITIES SHALL BE PROTECTED AND SLEEVED AND APPROVED BY UTILITY.
7. CONTRACTOR SHALL INSTALL SIGN POST, STA AND THEIR CREWS TO INSTALL SIGN.
8. CONTRACTOR TO REPAIR GRASS, MULCH, GRAVEL, AND ANY OTHER SURFACING ADJACENT IMPROVEMENTS TO PRECONSTRUCTION CONDITIONS ONCE IMPROVEMENTS HAVE BEEN INSTALLED.
9. CONTRACTOR SHALL INSTALL SAND BAGS AT CURB INLETS AND STORM DRAIN INLET PROTECTION (WSDOT I-40.20-00) AT GRATED INLETS AS SHOWN ON PLANS.
10. STORM DRAIN PIPE SHALL BE DUCTILE IRON, AND CONFORM TO ANSI A 21.51 OR AWWA C151.
11. ALL CUTS TO EXISTING ASPHALT ROADWAYS SHALL COMPLY WITH THE SPOKANE REGIONAL PAVEMENT CUT POLICY.

KEY NOTES

(A) INSTALL TYPE P SIGN POST WITH A TYPE E CONNECTION PER CITY OF SPOKANE STANDARD PLAN G-10 AND G-10E. SIGN LOCATION SHALL CONFORM WITH DIMENSIONS SHOWN AND DETAIL 1, 2 AND 3, SHEET C-300. SIGN TO BE FLAGGED AWAY FROM ROADWAY, SEE SIGNING AND STRIPING GENERAL NOTES AS WELL AS CONSTRUCTION NOTE 7.

(B) REMOVE EXISTING SIDEWALK, CURB, ASPHALT, GRASS AND TOP SOIL AS NEEDED FOR NEW SIDEWALK. INSTALL NEW CONCRETE SIDEWALK PER CITY OF SPOKANE STANDARD PLAN F-102. REMOVE EXISTING SIDEWALK TO THE NEAREST JOINT. RE-GRADE FROM TOP OF CONCRETE TO EXISTING GRADE AT A MAXIMUM 3:1 SLOPE AS NECESSARY.

(C) INSTALL CONCRETE CURB PER CITY OF SPOKANE STANDARD PLAN F-106.

(D) INSTALL INLET PROTECTION PER CONSTRUCTION NOTE 9.

(E) REMOVE AND REPLACE EXISTING CHAIN LINK FENCE AS SHOWN FOR INSTALLATION OF PROPOSED IMPROVEMENTS.

(F) REMOVE AND REPLACE ASPHALT PAVEMENT TO MATCH GRADING SHOWN ON PLAN VIEW. ASPHALT SECTION TO MATCH EXISTING. CONTRACTOR TO ASSUME 5" HMA OVER 7" CSBC FOR BIDDING. SEE CONSTRUCTION NOTE 11.

(G) EXISTING TREES SHALL BE REMOVED. TREE REMOVAL WORK MUST BE PERFORMED BY AN INTERNATIONAL SOCIETY OF ARBORICULTURE (ISA) CERTIFIED ARBORIST OR CERTIFIED TREE WORKER. SEE SHEET C-100 FOR MORE DETAILS.

(H) SHELTER SHALL BE OWNER FURNISHED CONTRACTOR INSTALLED. COORDINATE WITH STA ON REQUIREMENTS FOR INSTALLATION. FOUNDATION TO BE INSTALLED PER STA STD PLANS SP-C06. SEE DETAIL 6, SHEET C-301 FOR MORE DETAILS.

(I) WASTE/RECYCLE BIN SHALL BE OWNER FURNISHED, CONTRACTOR INSTALLED. COORDINATE WITH STA ON REQUIREMENTS FOR INSTALLATION. SEE DETAIL A, THIS SHEET FOR MORE INFO.

(J) LEANING RAIL SHALL BE OWNER FURNISHED, CONTRACTOR INSTALLED. COORDINATE WITH STA ON REQUIREMENTS FOR INSTALLATION. SEE DETAIL11, SHEET C-302 AND DETAIL A, THIS SHEET FOR MORE INFO.

(K) HPT MARKER FOUNDATION SHALL BE INSTALLED PER DETAIL 4, SHEET C-300 AND DETAIL A, THIS SHEET FOR MORE INFO.

(L) LIGHT POLE TO BE INSTALLED PER DETAIL 5, SHEET C-300 AND DETAIL A, THIS SHEET FOR MORE INFO.

(M) EXISTING LIGHT POLE TO BE PROTECTED.

(N) CATCH BASIN TYPE 0 PER CITY OF SPOKANE STANDARD PLAN B-101B.

(O) PROTECT EXISTING UNDERGROUND UTILITIES.

(P) NEW UTILITY POLE TO BE INSTALLED BY AVISTA, REFER TO ELECTRICAL PLANS.

(Q) INSTALL INLET PROTECTION PER CONSTRUCTION NOTE 9. CATCH BASIN TO BE PROTECTED IN PLACE.

(R) INSTALL ELECTRICAL POWER AND COMMUNICATIONS CABINETS FOUNDATION PER DETAIL 10, SHEET C-302. SEE ELECTRICAL PLANS FOR MORE INFORMATION. PER ELECTRICAL, POWER AND COMMUNICATION CABINETS.

(S) REMOVE EXISTING SIGN, POST, AND BASE. INSTALL NEW SIGN POST AND BASE IN NEW CONCRETE PER CITY OF SPOKANE STANDARD PLAN G-10 AND G-10E. INSTALL NEW SIGNS ON NEW SIGN POST PER CITY STANDARDS.

(T) INSTALL INLET PROTECTION PER CONSTRUCTION NOTE 9. EXISTING CATCH BASIN TO BE PROTECTED IN PLACE.

(U) INSTALL CONCRETE CURB RAMP (TYPE-3) PER CITY OF SPOKANE STANDARD PLAN F-105D.

(V) INSTALL CONCRETE CURB RAMP (TYPE-2) PER CITY OF SPOKANE STANDARD PLAN F-105A.

(W) PROPERTY AGREEMENT TO BE OBTAINED BY SPOKANE TRANSIT AUTHORITY PRIOR TO CONSTRUCTION.

10 5 0 10 20

SCALE: 1 INCH = 10 FEET

TBM INFORMATION

POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
64	260947.84	2472860.32	1881.44	SET X
65*	261224.14	2472845.30	1881.74	SET X

* NOT SHOWN ON PLAN

BENCH MARK NOTE

CONTRACTOR SHALL PROTECT ALL EXISTING PROPERTY CORNERS AND BENCH MARKS. ANY DAMAGE CAUSED BY CONSTRUCTION ACTIVITIES SHALL BE REMEDIED AT THE CONTRACTOR'S EXPENSE.

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LEGEND

- ASPHALT PAVEMENT
- CONCRETE SIDEWALK
- FOOTING / SHELTER PAD
- 1880 — EXISTING CONTOUR
- PROPERTY LINE
- CURB
- X X X — FENCE
- GB — GRADE BREAK
- SD — STORM DRAIN
- 1881.41 — SPOT ELEVATION
- CATCH BASIN

ABBREVIATIONS

FC	FLUSH CURB
TP	TOP OF PAVEMENT
TC	TOP OF CURB
ME	MATCH EXISTING

SIGNING AND STRIPING GENERAL NOTES

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2. FOR ALL TRAFFIC CONTROL SIGNS WITHIN THE RIGHT-OF-WAY: A SPEC. DRAWING SHALL BE SUBMITTED FOR APPROVAL, PRIOR TO MANUFACTURE, AND COMPLETED SIGNS SHALL BE PRESENTED FOR INSPECTION, PRIOR TO INSTALLATION, TO THE CITY OF SPOKANE TRAFFIC SIGNS AND MARKERS SUPERVISOR, AT 901 N. NELSON ST. AN APPOINTMENT IS NECESSARY. THIS INCLUDES ALL SIGNS ATTACHED TO SIGNALS, PHBs AND RRFBs.
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UTILITY STATEMENT

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221 N. Wall Street
Suite 500
Spokane, WA 99201
ph 509.328.2994
www.coffman.com

CARSTON BERYL MORTENSON — STATE OF WASHINGTON — 4/30/2026 — 42312 — REGISTERED PROFESSIONAL ENGINEER

STA ROUTE 21 BUS STOP IMPROVEMENTS

SpokaneTransit
1230 W. Boone Avenue,
Spokane, Washington 99201

REV	DATE	DESCRIPTION

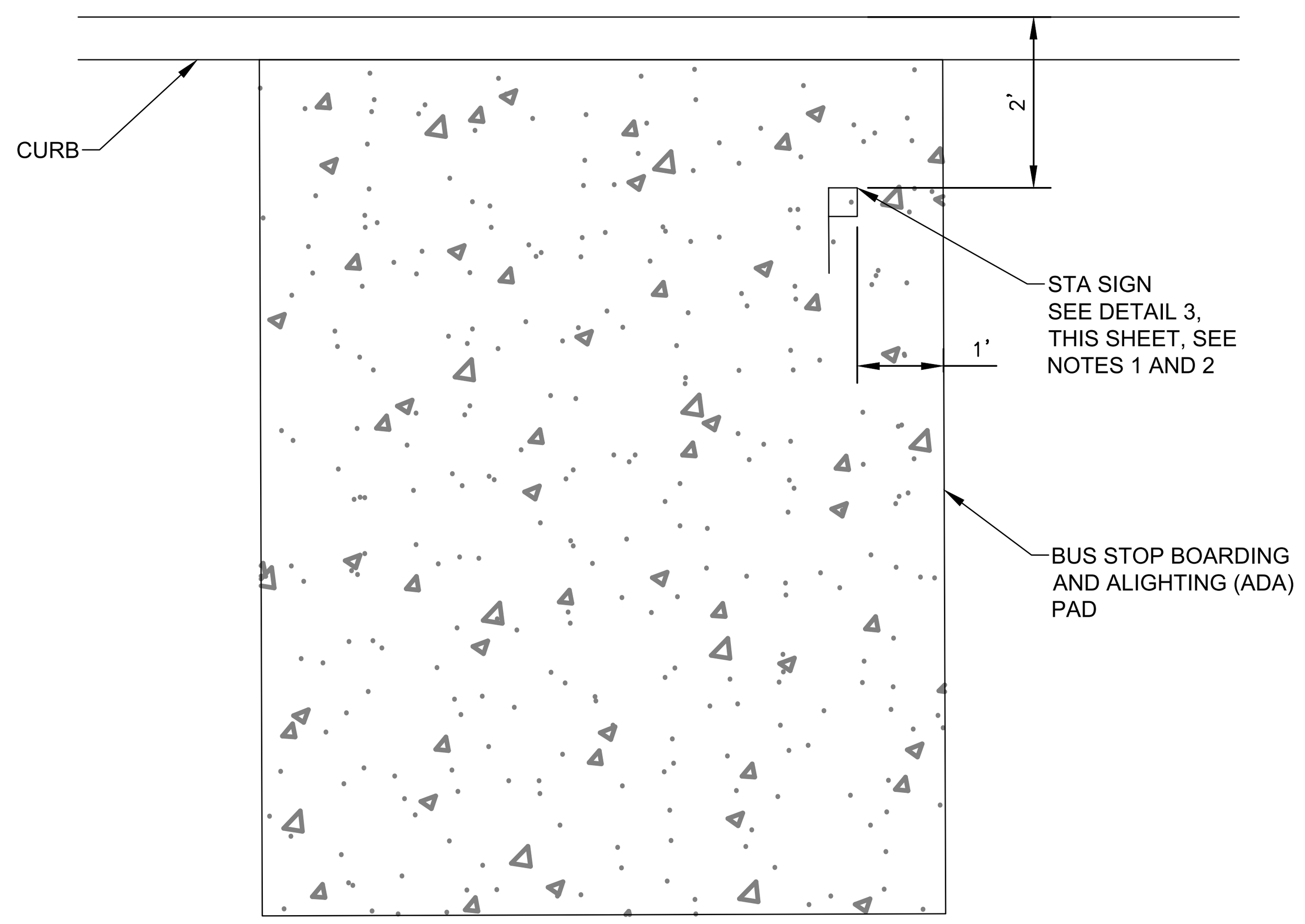
PROJ. NO. 2025-11128
DRAWN KCM
CHECKED AS
DATE 04/30/2026

SHEET TITLE:

A ST. & MALLON AVE. (NB AND SB)

SHEET NO:

C-205

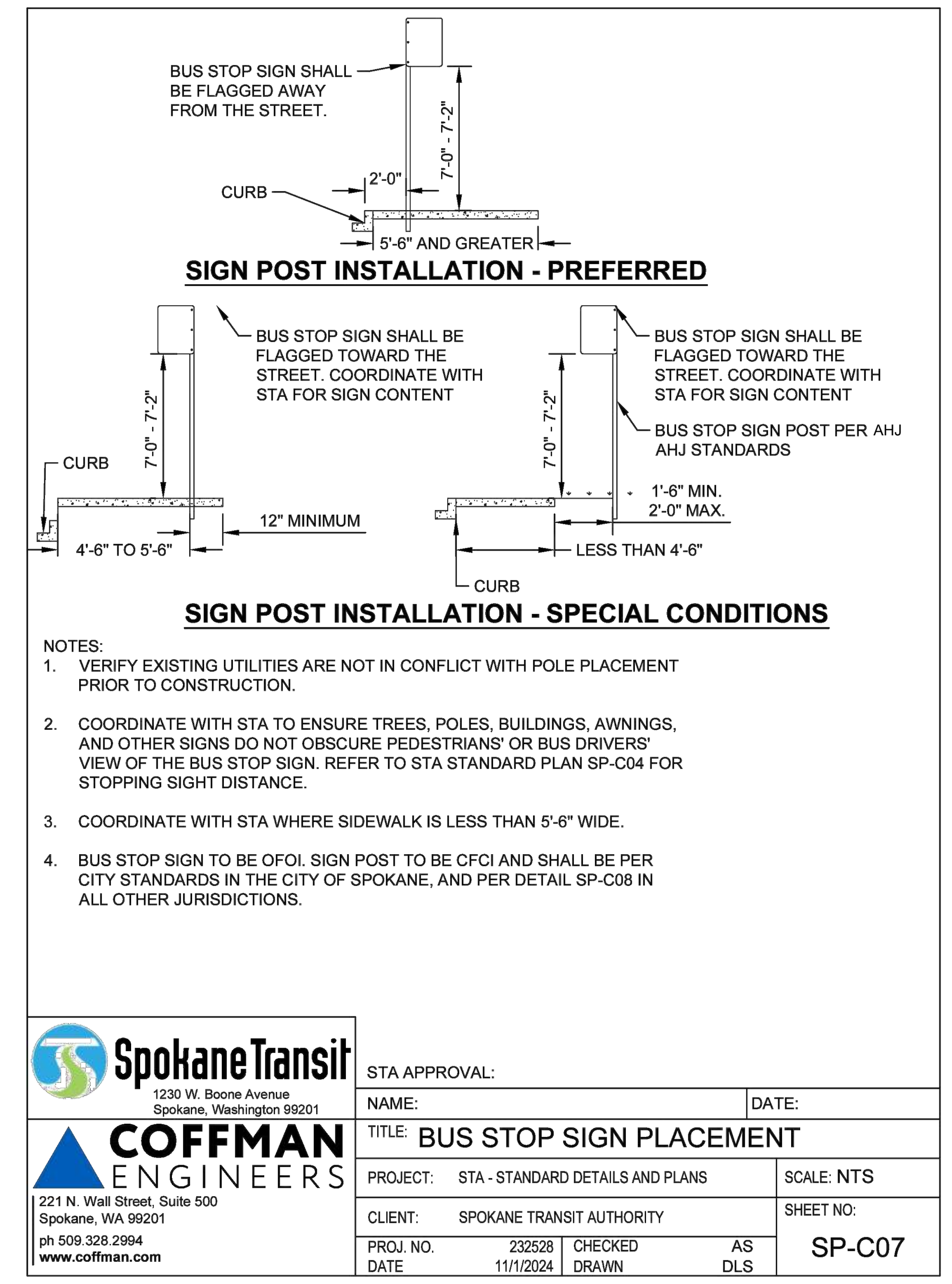


NOTES:

1. BOTTOM OF STA SIGN SHALL BE 7'-0" TO 7'-2"" FROM TOP OF CONCRETE.
2. STA SIGN CONTENTS SHALL FACE ONCOMING TRAFFIC AND BE FLAGGED AWAY FROM THE STREET.

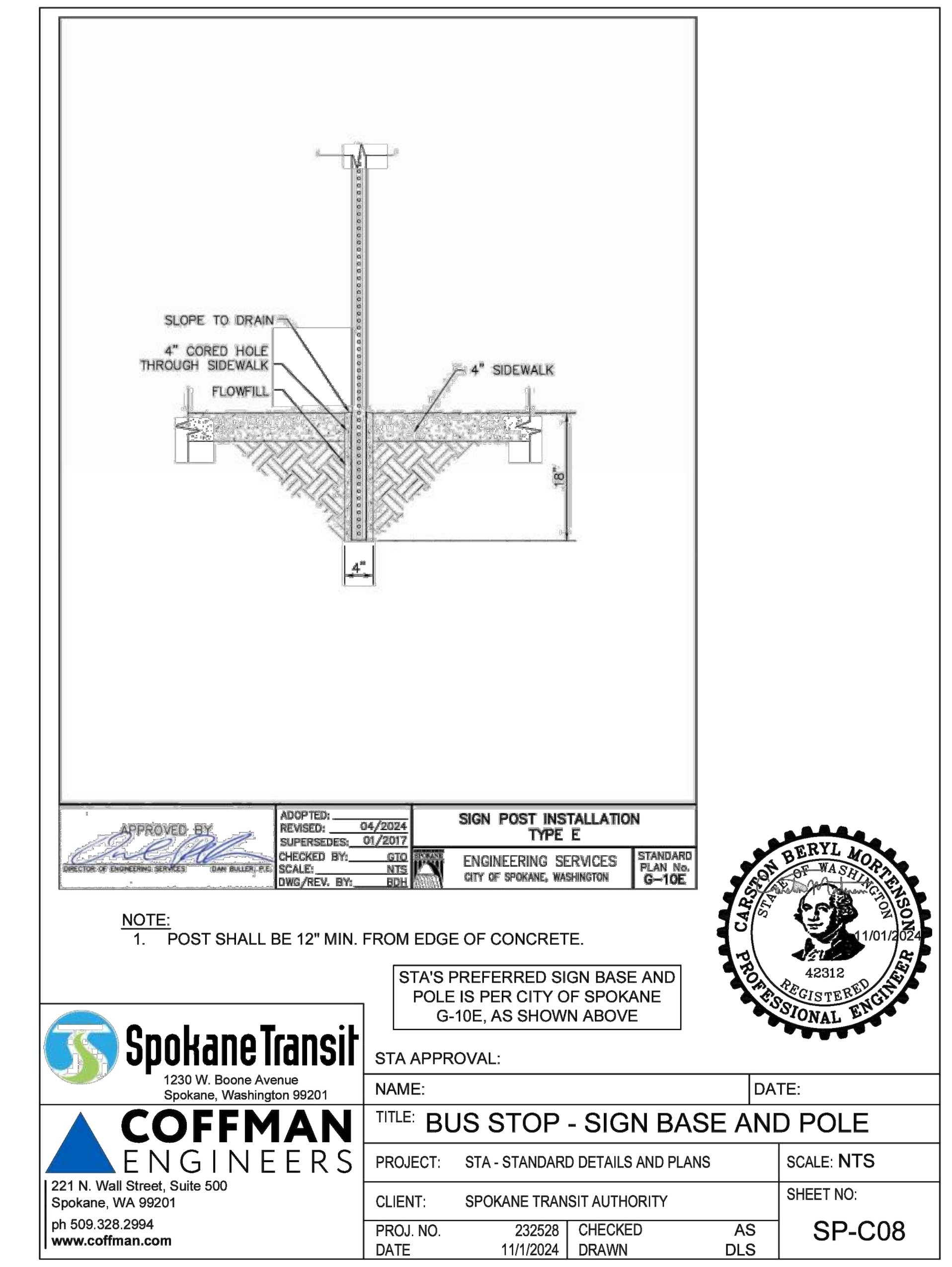
1 BUS STOP SIGN PLACEMENT

SCALE: NTS



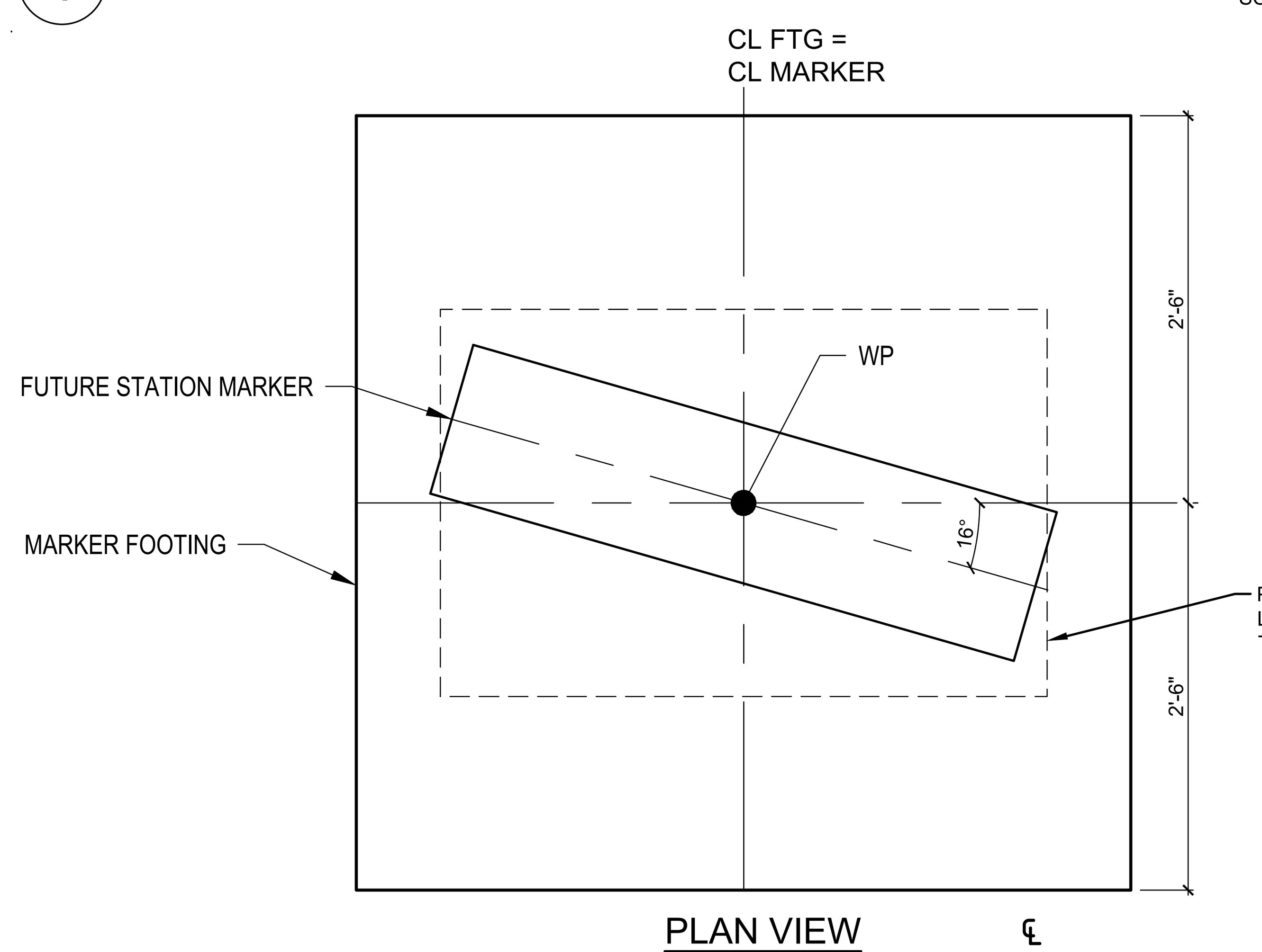
2 BUS STOP SIGN PLACEMENT

SCALE: NTS



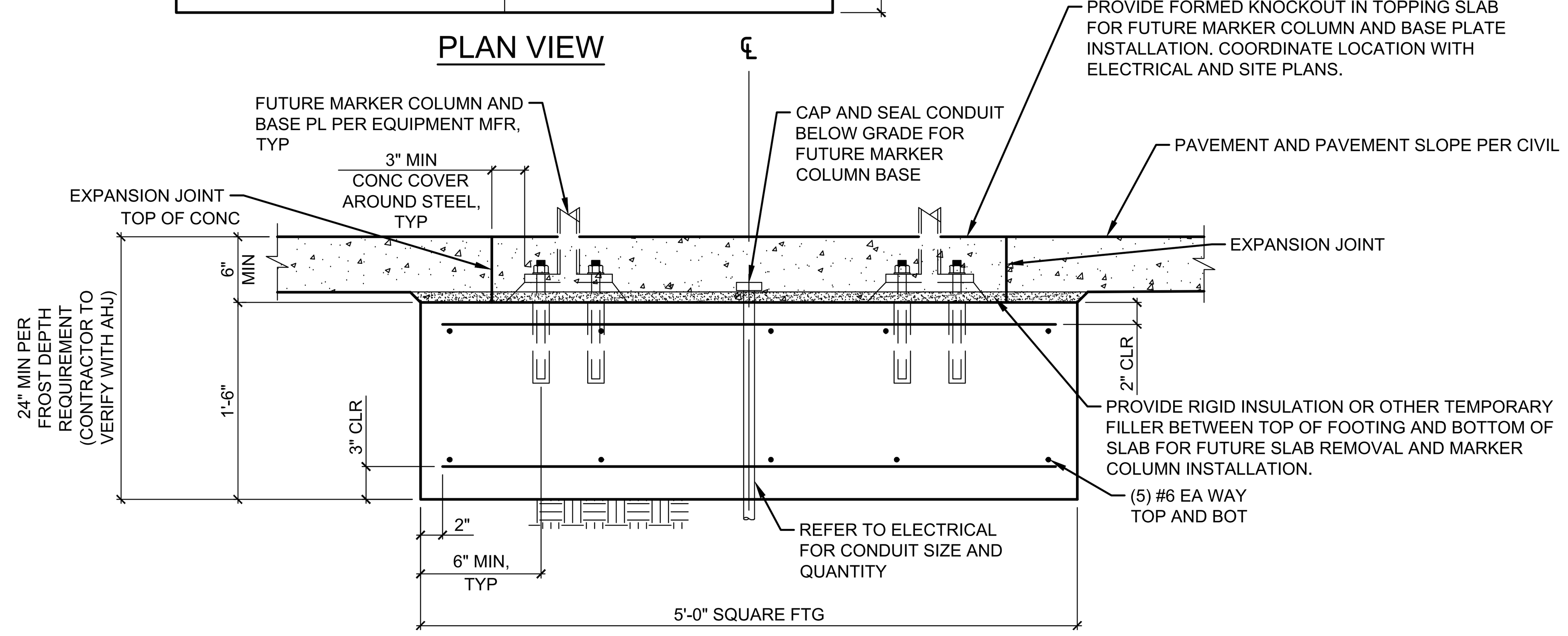
3 BUS STOP SIGN BASE AND POLE

SCALE: NTS



NOTES:

1. FOUNDATION DESIGN APPLIES ONLY TO HPT MARKER SIGN DESIGNED BY FUTURE SYSTEMS, INC FOR SPOKANE TRANSIT AUTHORITY, INSTALLED IN SPOKANE COUNTY, WA. SIGN DIMENSIONS NOT TO EXCEED 14 FEET TALL BY 4 FEET WIDE BY 1.5 FEET DEEP. FOUNDATION ENGINEERING AND RE-DESIGN IS REQUIRED FOR ANY OTHER MARKER DESIGN.

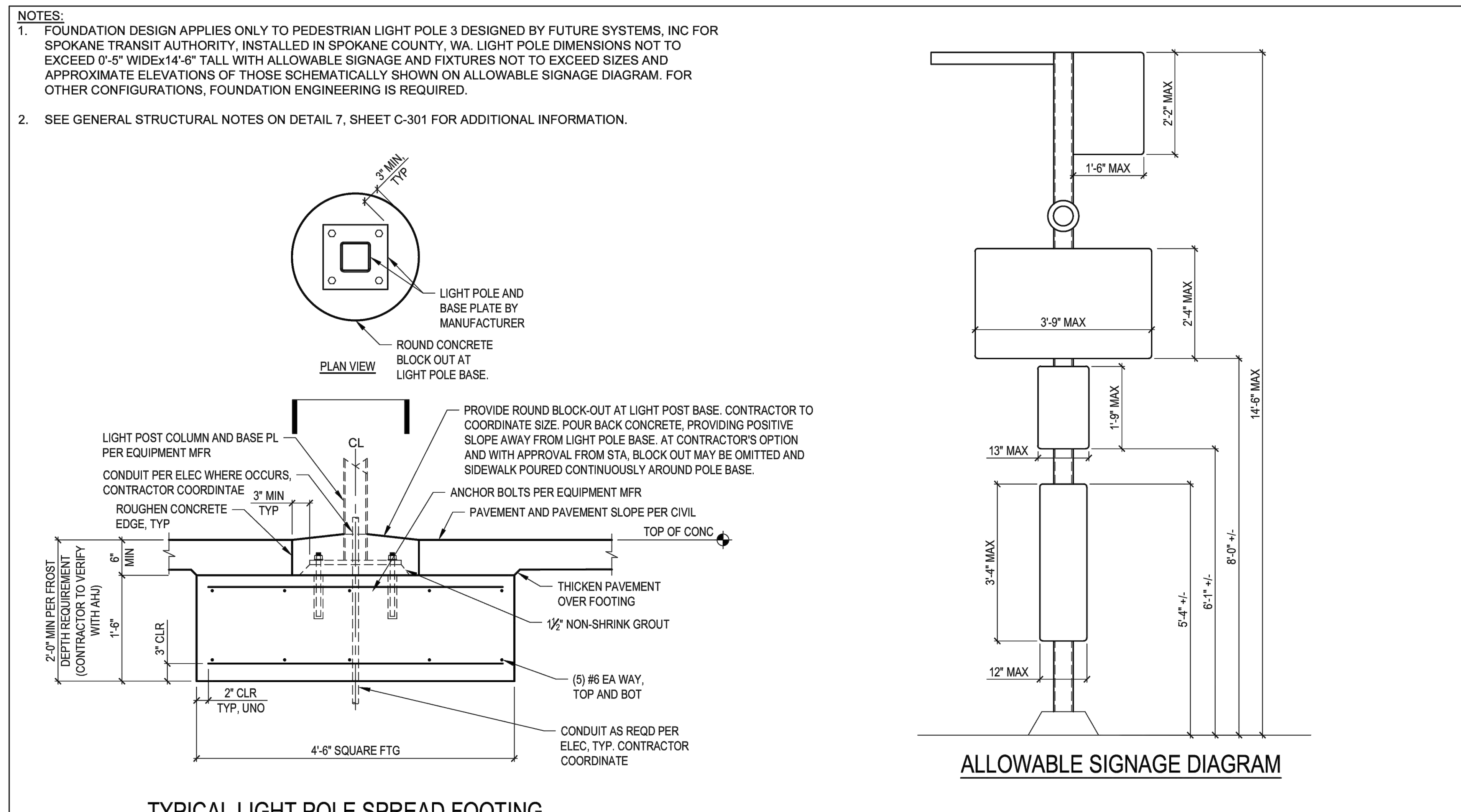


4 TYPICAL HPT MARKER

SCALE: NTS

NOTES:

1. FOUNDATION DESIGN APPLIES ONLY TO PEDESTRIAN LIGHT POLE 3 DESIGNED BY FUTURE SYSTEMS, INC FOR SPOKANE TRANSIT AUTHORITY, INSTALLED IN SPOKANE COUNTY, WA. LIGHT POLE DIMENSIONS NOT TO EXCEED 0'-5" WIDEx14'-6" TALL WITH ALLOWABLE SIGNAGE AND FIXTURES NOT TO EXCEED SIZES AND APPROXIMATE ELEVATIONS OF THOSE SCHEMATICALLY SHOWN ON ALLOWABLE SIGNAGE DIAGRAM. FOR OTHER CONFIGURATIONS, FOUNDATION ENGINEERING IS REQUIRED.
2. SEE GENERAL STRUCTURAL NOTES ON DETAIL 7, SHEET C-301 FOR ADDITIONAL INFORMATION.



REV #	DATE	DESCRIPTION

STA APPROVAL:
NAME: DATE:

COFFMAN ENGINEERS, 221 N. Wall Street, Suite 500, Spokane, WA 99201, ph 509.328.2994, www.coffman.com

SpokaneTransit, 1230 W. Boone Avenue, Spokane, Washington 99201

TITLE: TYPICAL HPT LIGHT POLE FOOTING, SPREAD FOOTING
PROJECT: STA - STANDARD DETAILS AND PLANS — SCALE: NTS
CLIENT: SPOKANE TRANSIT AUTHORITY — SHEET NO: HPT-S02
PROJ. NO. 232528 — DATE 11/1/2024 — CHECKED SMM — DRAWN CEP

5 TYPICAL LIGHT POLE DETAIL

SCALE: NTS

BID SET

COFFMAN ENGINEERS
221 N. Wall Street
Suite 500
Spokane, WA 99201
ph 509.328.2994
www.coffman.com

CARSTON BERYL MORTENSON, STATE OF WASHINGTON, 42312, REGISTERED PROFESSIONAL ENGINEER, 4/30/2026

STA ROUTE 21 BUS STOP IMPROVEMENTS

SpokaneTransit
1230 W. Boone Avenue, Spokane, Washington 99201

REV	DATE	DESCRIPTION

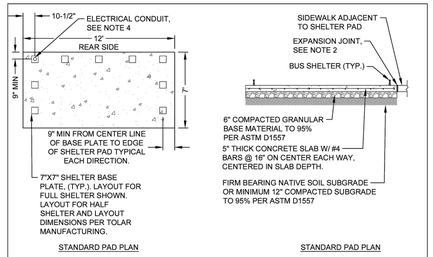
PROJ. NO.	2025-11128
DRAWN	KCM
CHECKED	AS
DATE	04/30/2026

SHEET TITLE:

DETAILS

SHEET NO:

C-300



STANDARD PAD PLAN

STANDARD PAD PLAN

NOTES:
1. MATCH ELEVATIONS OF ADJACENT SIDEWALK CONCRETE. GRADES OF PAD SHALL NOT EXCEED 2.0% IN ANY DIRECTION WHEN SITE CONDITIONS ALLOW.
2. EXPANSION JOINTS SHALL BE INSTALLED AT BUS SHELTER SIDES ADJACENT TO CONCRETE. EXPANSION JOINTS SHALL COMPLY WITH STA STANDARD PLAN SP-C05.
3. SHELTER PAD DIMENSIONS BASED ON 11' X 6' SHELTER BY TOLAR MANUFACTURING.
4. SEE HPT-E04, ON ELECTRICAL PLANS FOR MORE INFORMATION ON INSTALLATION OF CONDUIT AND ELECTRICAL INFRASTRUCTURE FOR SHELTER.
5. SHELTER IS OFOI. CONDUIT AND LIGHTNING IS CFCI.

Spokane Transit
1230 W. Boone Avenue
Spokane, Washington 99201

STA APPROVAL:
NAME: DATE:

COFFMAN ENGINEERS
221 N. Wall Street, Suite 500
Spokane, WA 99201
ph 509.328.2994
www.coffman.com

TITLE: BUS STOP SHELTER FOUNDATION
PROJECT: STA - STANDARD DETAILS AND PLANS — SCALE: NTS
CLIENT: SPOKANE TRANSIT AUTHORITY — SHEET NO: SP-C06
PROJ. NO. 232528 | CHECKED AS
DATE 11/1/2024 | DRAWN DLS

6 BUS STOP SHELTER FOUNDATION

SCALE: NTS

GENERAL DESIGN CRITERIA NOTES:
1. ALL WORK SHALL COMPLY WITH THE CURRENT NEC AS ADOPTED BY THE STATE OF WASHINGTON AND LOCAL AUTHORITY HAVING JURISDICTION.
2. ALL WORK SHALL COMPLY WITH CURRENT INTERNATIONAL BUILDING CODE (IBC).
3. ALL DEVICES, EQUIPMENT, AND PARTS SHALL MEET BUY AMERICA REQUIREMENTS.
4. FOLLOW FEDERALLY REQUIRED STANDARDS 49 CFR 37 SUBPART C AND US DOT ADA (ADAAG) REQUIREMENTS.

GENERAL CIVIL NOTES:
1. PROTECT CONCRETE FROM PHYSICAL DAMAGE DUE TO WEATHER EXTREMES DURING PLACEMENT AND CURING.
2. PORTLAND CEMENT CONCRETE (PCC) PAVEMENT, MINIMUM 4000 PSI 28-DAY STRENGTH CONCRETE WITH 6% ENTRAINED AIR ADHERE TO WSDOT STANDARD SPECIFICATION, 9-01.1 AND 9-01.2 (1) PORTLAND CEMENT TYPE III.
3. CRUSHED ROCK BASE COURSE INSTALLED UNDER PROPOSED IMPROVEMENTS. (WSDOT SPECIFICATIONS 9-03.9(3) FOR CRUSHED SURFACING). COMPACTED TO AT LEAST 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D 1557.
4. COMPACTED SUBGRADE OR STRUCTURAL FILL (WSDOT SPECIFICATIONS 9-03.14(2) FOR GRAVEL BASE) SHALL BE INSTALLED UNDER PROPOSED IMPROVEMENTS TO REQUIRED SUBGRADE ELEVATION. SCARIFY, MOISTEN OR DRY TO WITHIN 3% OF OPTIMUM MOISTURE, AND RE-COMPACT A MINIMUM OF 9" OF EXISTING SUBGRADE, COMPACTED TO AT LEAST 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D 1557.
5. CONCRETE FLATWORK SHALL HAVE MEDIUM-TO-FINE-TEXTURED BROOM FINISH. DRAW A SOFT BRISTLE BROOM ACROSS FLOAT-FINISHED CONCRETE SURFACE PERPENDICULAR TO LINE OF TRAFFIC TO PROVIDE A UNIFORM, FINE-LINE TEXTURE.

GENERAL ELECTRICAL NOTES:
1. CATALOG NUMBERS USED IN SYMBOLS LIST AND LUMINAIRE SCHEDULE ARE TO BE AS NOTED OR SUBMITTED AND APPROVED SUBSTITUTIONS.
2. CONTRACTOR TO REFER TO MANUFACTURER'S DOCUMENTS FOR EXACT REQUIREMENTS PRIOR TO STARTING ROUGH-IN.

GENERAL STRUCTURAL NOTES:
1. ALL WORK SHALL COMPLY WITH THE 2021 INTERNATIONAL BUILDING CODE (IBC).
2. FOUNDATION DESIGN ASSUMES SOIL BEARING PRESSURE OF 1500 PSF MINIMUM.
3. FOUNDATION DESIGN ASSUMES A MAXIMUM DESIGN WIND SPEED OF 110 MPH AND WIND EXPOSURE C OR BETTER. CONTACT ENGINEER OF RECORD AND LIGHT POLE SUPPLIER FOR OTHER DESIGN CODE OR WIND CONDITIONS.
4. FOOTING CONCRETE TO BE MINIMUM 4,000 PSI, 28-DAY STRENGTH (F'c) AND 5-7% AIR ENTRAINMENT. CONCRETE CONSTRUCTION SHALL CONFORM WITH THE LATEST EDITION OF ACI 301, "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS," AND ACI 318, "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE." CONCRETE SHALL BE NORMAL WEIGHT CONCRETE. MECHANICALLY VIBRATE ALL CONCRETE WHEN PLACED.
5. FOOTING REINFORCEMENT STEEL TO BE DEFORMED BARS: ASTM A615 GRADE 60. WELDING OF REINFORCING STEEL IS PROHIBITED. SECURELY TIE ALL BARS IN POSITION PRIOR TO PLACING CONCRETE.
6. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, LOCATIONS, AND SITE CONDITIONS PRIOR TO STARTING CONSTRUCTION.
7. RAILING POSTS AND RAILINGS SHOULD BE ASTM A53, FY=35 KSI. BASEPLATES SHOULD BE ASTM A36, FY=36KSI. ANCHOR BOLTS SHOULD BE ASTM 1554, FY=36KSI.
8. ALL BOLTS, ANCHOR BOLTS, EXPANSION BOLTS, ETC. SHALL BE INSTALLED WITH STEEL WASHERS. TYPE N BOLTS PER LATEST EDITION OF AISC "SPECIFICATION FOR STRUCTURAL JOINTS HIGH-STRENGTH BOLTS" AND MAY BE TIGHTENED TO THE SNUG-TIGHT CONDITION AS DEFINED BY AISC UNLESS NOTED OTHERWISE.
9. RAILINGS ARE TO BE GALVANIZED AND PAINTED WITH HIGH PERFORMANCE RUSTOLEUM COLOR GRAPHITE GREY RAL 7024. 1st COAT: 9100 DMT EPOXY MASTIC, 2nd & 3rd COATS: 9600 DMT URETHANE MASTIC (ALTERNATE EQUIVALENT PAINTS ARE ACCEPTABLE). GLOSS - LEVEL 4 SATIN.
10. ALL WELDING SHALL BE BY CERTIFIED WELDERS HAVING CURRENT EXPERIENCE IN TYPE OF WELD SHOWN ON DRAWINGS OR NOTES. CERTIFICATES SHALL BE THOSE ISSUED BY AN ACCEPTED TESTING AGENCY. ALL WELDING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE AWS D1.1 "STRUCTURAL WELDING CODE - STEEL" OR ALTERNATE AWS CODES AS APPLICABLE. ALL STRUCTURAL WELDING PROCESSES SHALL MEET THE H2 LOW HYDROGEN CRITERIA OF AWS D1.1 ANNEX I UNLESS OTHERWISE NOTED. USE 70XX ELECTRODES OR EQUIVALENT WIRE. SHOP WELDS AND FIELD WELDS SHALL BE SHOWN ON SHOP DRAWINGS. ALL COMPETE PENETRATION WELDS SHALL BE TESTED AND CERTIFIED BY AN INDEPENDENT TESTING AGENCY.
11. ADHESIVE ANCHORS MUST BE INSTALLED IN CONCRETE AGED A MINIMUM OF 21 DAYS (ACI318-14.17.1.2). INSTALL ADHESIVE ANCHORS PER MANUFACTURER'S INSTRUCTIONS. ADHESIVE ANCHORS INSTALLED IN HORIZONTAL OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS SHALL BE CONTINUOUSLY INSPECTED DURING INSTALLATION BY AN INSPECTOR SPECIALLY APPROVED FOR THAT PURPOSE BY THE BUILDING OFFICIAL (ACI 318-14 17.8.2.4) PROVIDE SPECIAL INSPECTION FOR ALL MECHANICAL AND ADHESIVE ANCHORS PER THE APPLICABLE BUILDING CODE AND PER THE CURRENT ICC-ES REPORT (IBC 2018 TABLE 1705.3 NOTE B). THREADED RODS FOR ADHESIVE ANCHORS SHALL BE CLEAN THREADED ROD. THREADED ROD USED IN EXTERIOR APPLICATIONS SHALL BE EITHER STAINLESS STEEL OR HAVE A ZINC COATING. ZINC COATING ON THREADED RODS SHALL BE HOT-DIPPED IN ACCORDANCE WITH ASTM A 153 CLASS C OR D COATING.
12. CONTRACTOR REQUESTED CHANGES OR SUBSTITUTIONS MUST BE SUBMITTED IN WRITING TO STA AND STRUCTURAL ENGINEER FOR APPROVAL PRIOR TO FABRICATION OR CONSTRUCTION. CHANGES SHOWN ON THE SHOP DRAWINGS ONLY WILL NOT SATISFY THIS REQUIREMENT. CONTRACTOR WILL BE RESPONSIBLE FOR ANY ADDITIONAL ENGINEER EFFORT AND ASSOCIATED FEES REQUIRED FOR REVIEW AND APPROVAL OF REQUESTED CHANGED AND SUBSTITUTIONS.

ABBREVIATIONS

CFCI	CONTRACTOR FURNISHED CONTRACTOR INSTALLED
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED OWNER INSTALLED
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE

11/1/24

11/1/2024

REV #	DATE	DESCRIPTION

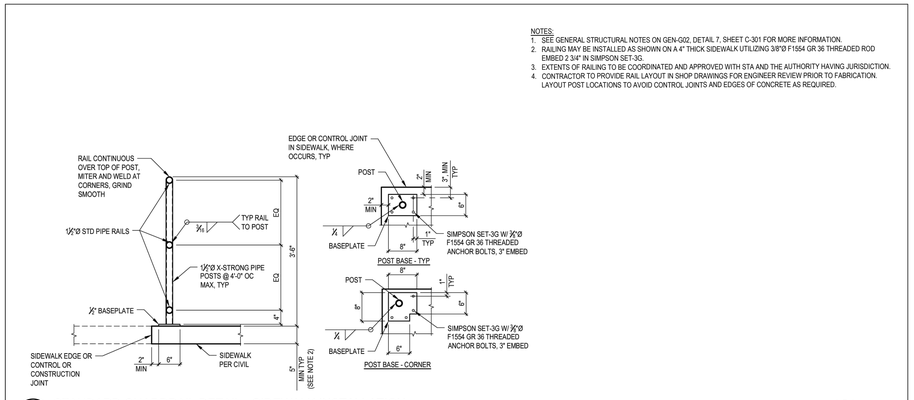
STA APPROVAL:
NAME: DATE:

COFFMAN ENGINEERS
221 N. Wall Street, Suite 500
Spokane, WA 99201
ph 509.328.2994
www.coffman.com

TITLE: STA STANDARD DETAILS - GENERAL NOTES
Spokane Transit
1230 W. Boone Avenue
Spokane, Washington 99201
PROJECT: STA - STANDARD DETAILS AND PLANS — SCALE: NTS
CLIENT: SPOKANE TRANSIT AUTHORITY — SHEET NO: GEN-G02
PROJ. NO. 232528 | CHECKED MBV
DATE 11/1/2024 | DRAWN SLP

7 STA GENERAL NOTES

SCALE: NTS



NOTES:
1. SEE GENERAL STRUCTURAL NOTES ON GEN-G02, DETAIL 7, SHEET C-301 FOR MORE INFORMATION.
2. RAILING MAY BE INSTALLED AS SHOWN ON A 4" THICK SIDEWALK UTILIZING 3/8"Ø F1554 GR 36 THREADED ROD EMBED 2 3/4" IN SIMPSON SET-3G.
3. EXTENTS OF RAILING TO BE COORDINATED AND APPROVED WITH STA AND THE AUTHORITY HAVING JURISDICTION.
4. CONTRACTOR TO PROVIDE RAIL LAYOUT IN SHOP DRAWINGS FOR ENGINEER REVIEW PRIOR TO FABRICATION. LAYOUT POST LOCATIONS TO AVOID CONTROL JOINTS AND EDGES OF CONCRETE AS REQUIRED.

1 STANDARD GUARDRAIL DETAIL - SIDEWALK INSTALLATION

11/1/2024

REV #	DATE	DESCRIPTION

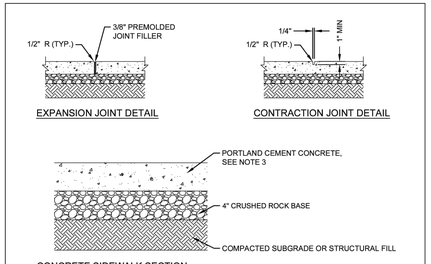
STA APPROVAL:
NAME: DATE:

COFFMAN ENGINEERS
221 N. Wall Street, Suite 500
Spokane, WA 99201
ph 509.328.2994
www.coffman.com

TITLE: STANDARD - RAILING - SIDEWALK INSTALLATION
Spokane Transit
1230 W. Boone Avenue
Spokane, Washington 99201
PROJECT: STA - STANDARD DETAILS AND PLANS — SCALE: NTS
CLIENT: SPOKANE TRANSIT AUTHORITY — SHEET NO: SP-S02
PROJ. NO. 232528 | CHECKED SMM
DATE 11/1/2024 | DRAWN CEP

8 STANDARD RAILING

SCALE: NTS



CONCRETE SIDEWALK SECTION

NOTES:
1. 1.2% MINIMUM CROSS SLOPE AND 2.0% MAXIMUM CROSS SLOPE. NO ADDITIONAL CONSTRUCTION TOLERANCE IS ALLOWED.
2. A 5-FT WIDE TRANSITION PANEL IS REQUIRED WHEN CONNECTING NEW SIDEWALKS TO EXISTING SIDEWALKS THAT HAVE CROSS SLOPES EXCEEDING 2.0%.
3. CONCRETE THICKNESS VARIES. INSTALL 5" THICK SECTION FOR HPT STOP CONSTRUCTION AND 4" THICK SECTION FOR ALL OTHER APPLICATIONS.
4. SEE GENERAL NOTES FOR SPECIFICATIONS ON CONCRETE CEMENT, CRUSHED ROCK BASE COURSE, AND SUBGRADE PREPARATION.
5. EXPANSION JOINTS SHALL EXTEND THROUGH THE FULL CROSS-SECTION OF THE SIDEWALK/ CURB. EXPANSION JOINT SPACING SHALL NOT EXCEED 15-FEET O.C.
6. CONTRACTION JOINT SPACING SHALL NOT EXCEED 5-FEET O.C., UNLESS OTHERWISE NOTED IN THESE STANDARDS.

Spokane Transit
1230 W. Boone Avenue
Spokane, Washington 99201

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NAME: DATE:

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221 N. Wall Street, Suite 500
Spokane, WA 99201
ph 509.328.2994
www.coffman.com

TITLE: BUS STOP - CONCRETE SIDEWALK
PROJECT: STA - STANDARD DETAILS AND PLANS — SCALE: NTS
CLIENT: SPOKANE TRANSIT AUTHORITY — SHEET NO: SP-C05
PROJ. NO. 232528 | CHECKED AS
DATE 11/1/2024 | DRAWN DLS

9 BUS STOP CONCRETE SIDEWALK

SCALE: NTS

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STA ROUTE 21 BUS STOP IMPROVEMENTS

Spokane Transit
1230 W. Boone Avenue,
Spokane, Washington 99201

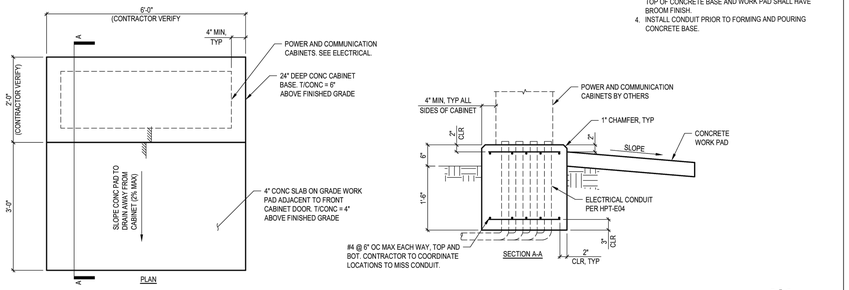
REV	DATE	DESCRIPTION

PROJ. NO. 2025-11128
DRAWN KCM
CHECKED AS
DATE 04/30/2026

SHEET TITLE:
DETAILS

SHEET NO:
C-301

BID SET



NOTES:
1. SEE GENERAL STRUCTURAL NOTES ON GEN-G02, DETAIL 7, SHEET C-301 FOR MORE INFORMATION.
2. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, LOCATIONS, AND SITE CONDITIONS PRIOR TO STARTING CONSTRUCTION. COORDINATION WITH ELECTRICAL DRAWINGS AND CABINET MANUFACTURER.
3. CABINET BASE SHALL BE CONSTRUCTED ON FIRM UNDISTURBED OR WELL-COMPACTED EARTH. SHALL BE BEDDED ON GRAVEL (6" MIN DEPTH), AND SHALL BE LEVEL. TOP OF CONCRETE BASE AND WORK PAD SHALL HAVE BROOM FINISH.
4. INSTALL CONDUIT PRIOR TO FORMING AND POURING CONCRETE BASE.

1 TYPICAL POWER & COMMUNICATIONS CABINET FOUNDATION

DAVID L. PEDERSEN — STATE OF WASHINGTON — 27251 — PROFESSIONAL ENGINEER — STRUCTURAL
11/1/2024

REV #	DATE	DESCRIPTION

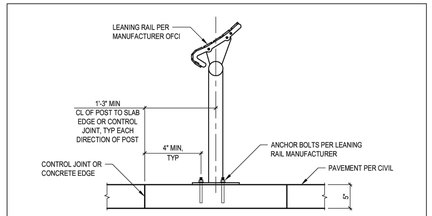
STA APPROVAL:
NAME: DATE:

COFFMAN ENGINEERS
221 N. Wall Street, Suite 500
Spokane, WA 99201
ph 509.328.2994
www.coffman.com

Spokane Transit
1230 W. Boone Avenue
Spokane, Washington 99201

TITLE: TYPICAL POWER & COMMUNICATIONS CABINET FOUNDATION
PROJECT: STA - STANDARD DETAILS AND PLANS — SCALE: NTS
CLIENT: SPOKANE TRANSIT AUTHORITY — SHEET NO: HPT-S04
PROJ. NO. 232528 | CHECKED SMM
DATE 11/1/2024 | DRAWN CEP

10 TYPICAL POWER & COMMUNICATIONS CABINET FOUNDATION
SCALE: NTS



NOTES:
1. CONTRACTOR TO COORDINATE LEANING RAIL LOCATION WITH STA PRIOR TO CONSTRUCTION. CONTRACTOR TO VERIFY MINIMUM ANCHOR BOLT EDGE DISTANCE PER MANUFACTURER IS PROVIDED.
2. LEANING RAIL FOUNDATION DESIGN APPLIES ONLY TO DOUBLE LEANING RAIL ASSEMBLY BY CUSTOM FABRICATIONS, INC. AS SHOWN ON DRAWING NUMBER CFSTBS-250_D, DATED 03/11/20. DESIGN UTILIZES THE FOLLOWING LOADING AND ANCHORAGE CONDITIONS AS PROVIDED IN MANUFACTURER DRAWINGS:
   a) ⅞"Ø STAINLESS STEEL EXPANSION ANCHORS WITH MINIMUM EDGE DISTANCE OF 4" (CENTER OF BOLT TO EDGE OF CONCRETE) AND 3½" MIN - 3½" MAX EMBEDMENT DEPTH.
   b) DEAD LOAD: 200 POUNDS VERTICAL (DOWN), 200 POUNDS HORIZONTAL, AND 200 LB-FT MOMENT (ANY DIRECTION). LOADS ARE UN-FACTORED.
   c) LIVE LOAD: 300 POUND VERTICAL (DOWN), 200 POUND HORIZONTAL, AND 500 LB-FT MOMENT (ANY DIRECTION), LOADS ARE UN-FACTORED.
   d) WIND LOAD (DOWN): 200 POUND VERTICAL, 100 POUND HORIZONTAL, 500 LB-FT (ANY DIRECTION). WIND LOADS ARE AT STRENGTH LEVEL.
   e) WIND LOAD (UP): 200 POUND VERTICAL, 250 POUND HORIZONTAL, 500 LB-FT MOMENT (ANY DIRECTION). WIND LOADS ARE AT STRENGTH LEVEL.
3. FOR LEANING RAIL EXCEEDING DESIGN LOADS ABOVE, FOUNDATION ENGINEERING IS REQUIRED.
4. SEE GENERAL STRUCTURAL NOTES ON GEN-G02 FOR ADDITIONAL INFORMATION.

DAVID L. PEDERSEN — STATE OF WASHINGTON — 27251 — PROFESSIONAL ENGINEER — STRUCTURAL
11/1/2024

Spokane Transit
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Spokane, Washington 99201

STA APPROVAL:
NAME: DATE:

COFFMAN ENGINEERS
221 N. Wall Street, Suite 500
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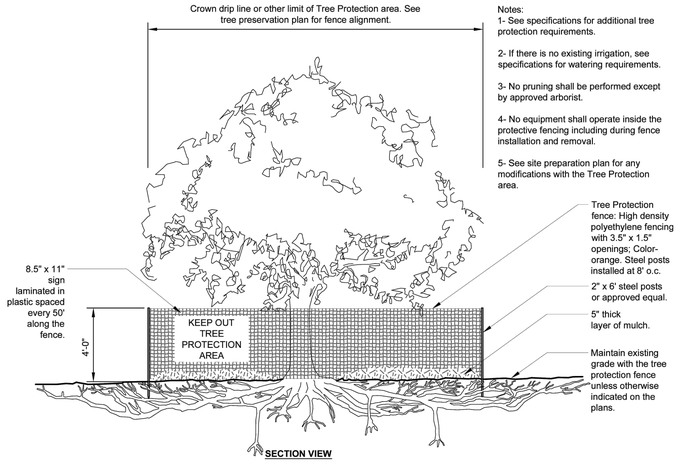
www.coffman.com

TITLE: TYPICAL LEANING RAIL FOUNDATION
PROJECT: STA - STANDARD DETAILS AND PLANS — SCALE: NTS
CLIENT: SPOKANE TRANSIT AUTHORITY — SHEET NO: SP-S04
PROJ. NO. 232528 | CHECKED SMM
DATE 11/1/2024 | DRAWN CEP

11 TYPICAL LEANING RAIL FOUNDATION
SCALE: NTS



Notes:
1- See specifications for additional tree protection requirements.

2- If there is no existing irrigation, see specifications for watering requirements.

3- No pruning shall be performed except by approved arborist.

4- No equipment shall operate inside the protective fencing including during fence installation and removal.

5- See site preparation plan for any modifications with the Tree Protection area.

12 TREE PROTECTION
SCALE: NTS

BID SET

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CARSON BERYL MORTENSON — STATE OF WASHINGTON — 42312 — REGISTERED PROFESSIONAL ENGINEER
4/30/2026

STA ROUTE 21 BUS STOP IMPROVEMENTS

Spokane Transit
1230 W. Boone Avenue,
Spokane, Washington 99201

REV	DATE	DESCRIPTION

PROJ. NO. 2025-11128
DRAWN KCM
CHECKED AS
DATE 04/30/2026

SHEET TITLE:
DETAILS

SHEET NO:
C-302

RECEPTACLE SCHEDULE

SYMBOL	DESCRIPTION	NOTES
	DOUBLE DUPLEX RECEPTACLE - WALL MOUNTED	TAMPER RESISTANT IN AREAS NOTED.
G	DUPLEX RECEPTACLE - WALL MOUNTED - GFCI	TAMPER RESISTANT IN AREAS NOTED.
	SPECIAL RECEPTACLE - L14-30R	

LIGHTING SYMBOLS

- ID X — LUMINAIRE: ID = FIXTURE TYPE, X = SWITCH ASSOCIATION
- SURFACE MOUNTED LUMINAIRE
- SURFACE MOUNTED LUMINAIRE, EMERGENCY
- RECESSED MOUNTED LUMINAIRE - FLAT LENS
- RECESSED MOUNTED LUMINAIRE - DECORATIVE LENS
- RECESSED MOUNTED LUMINAIRE, EMERGENCY
- PENDANT-MOUNTED/SUSPENDED LUMINAIRE
- PENDANT-MOUNTED/SUSPENDED LUMINAIRE, EMERGENCY
- WALL MOUNTED LUMINAIRE
- WALL MOUNTED LUMINAIRE, EMERGENCY
- STRIP LIGHTING LUMINAIRE
- STRIP LIGHTING LUMINAIRE, EMERGENCY
- SURFACE MOUNTED LUMINAIRE
- SURFACE MOUNTED LUMINAIRE, EMERGENCY
- RECESSED MOUNTED LUMINAIRE
- RECESSED MOUNTED LUMINAIRE, EMERGENCY
- OR — WALL MOUNTED LUMINAIRE
- OR — WALL MOUNTED LUMINAIRE, EMERGENCY
- WALL MOUNTED EXIT SIGN
- CEILING MOUNTED EXIT SIGN

CONDUIT AND WIRING SYMBOLS

- CIRCUIT HOMERUN
- CONCEALED CONDUIT
- LOW VOLTAGE CABLE
- CONDUIT SLEEVE THRU WALL ABOVE CEILING, QUANTITY AND SIZE AS NOTED
- CONDUIT STUBOUT OR STUBUP INTO ACCESSIBLE CEILING SPACE
- CONDUIT STUBOUT WITH ENDCAP
- STUB-UP LOCATION
- UNDERGROUND CONDUIT

REFERENCE SYMBOLS

- XXX — KEYED NOTE IDENTIFIER, SEE KEYED NOTES
- XX01 — EQUIPMENT IDENTIFIER, SEE EQUIPMENT SCHEDULES
- 100A — DOOR IDENTIFICATION SYMBOL
- X/E7.0X — DETAIL REFERENCE

GENERAL ELECTRICAL SYMBOLS

- MAIN SERVICE AND DISTRIBUTION EQUIPMENT
- BRANCH CIRCUIT PANEL
- LIGHTING CONTROL RELAY PANEL
- TRANSFORMER
- GROUND BUS, COPPER
- GROUND
- EQUIPMENT CONNECTION
- JUNCTION BOX, DIRECT CONNECTION, VERIFY REQUIREMENTS
- MOTOR CONNECTION
- SAFETY SWITCH
- EMERGENCY POWER OFF PUSH BUTTON
- HH — HANDHOLE

ABBREVIATIONS

A	AMPERE
AC	AIR CONDITIONING UNIT
AFF	ABOVE FINISH FLOOR
AHJ	AUTHORITY HAVING JURISDICTION
AHU	AIR HANDLING UNIT
AL	ALUMINUM
ARCH	ARCHITECT(URAL)
BFP	BACKFLOW PREVENTOR
BKBD	BACKBOARD
CAB	CABINET
CATV	CABLE TELEVISION
CB	CIRCUIT BREAKER
CGB	COMMUNICATIONS GROUND BUSBAR
CCTV	CLOSED CIRCUIT TELEVISION
CKT	CIRCUIT
CONC	CONCRETE
COND	CONDUCTOR
C	CONDUIT
CO	CONDUIT ONLY
CONN	CONNECTION
CONTR	CONTRACTOR
COORD	COORDINATE
CU	COPPER OR CONDENSING UNIT
CUH	CABINET UNIT HEATER
CNTRL	CONTROLLER
DDC	DIRECT DIGITAL CONTROL SYSTEM
DEMARC	DEMARCATION
DISC	DISCONNECT SWITCH
ELEC	ELECTRIC(AL)
EWC	ELECTRIC WATER COOLER
EF	EXHAUST FAN
EXP	EXPLOSION PROOF
EXT	EXTERIOR
FA	FIRE ALARM
FC	FAN COIL
FLR	FLOOR
F/SD	FIRE/SMOKE DAMPER
FUOC	FURNISHED UNDER OTHER CONTRACT
FUT	FUTURE
GND	GROUND
GFI	GROUND FAULT INTERRUPTER
HOA	HAND-OFF-AUTO
HP	HORSEPOWER OR HEAT PUMP
HWH	HOT WATER HEATER
IDF	INTERMEDIATE DISTRIBUTION FRAME
IG	ISOLATED GROUND
JB	JUNCTION BOX
KW	KILOWATT(S)
KVA	KILOVOLT-AMPERE(S)
LT(S)	LIGHT(S)
MDF	MAIN DISTRIBUTION FRAME
MDS	MAIN DISTRIBUTION SWITCHBOARD
MRF	MANUFACTURER
MC	MOMENTARY CONTACT
MOA	MULTIPLE OUTLET ASSEMBLY
MS	MANUAL STARTER
MSGB	MAIN SERVICE GROUND BUSBAR
MTGB	MAIN TELECOM GROUND BUSBAR
MT(D)	MOUNT(ED)
MTR	MOTOR
NEC	NATIONAL ELECTRIC CODE (LATEST EDITION)
NL	NIGHT LIGHT (DUSK TO DAWN OPERATION)
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
NO	NORMALLY OPEN
NC	NORMALLY CLOSED
OC	ON CENTER(S)
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED, OWNER INSTALLED
OH	OVERHEAD
OS&Y	OS&Y VALVE
PDU	POWER DISTRIBUTION UNIT
PB	PUSHBUTTON
PIV	POST INDICATOR VALVE
PRI	PRIMARY
PVC	POLYVINYL CHLORIDE
PC	PHOTOCELL
SPEC	SPECIFICATION(S)
SQ	SQUARE
SS	STAINLESS STEEL
STD	STANDARD
SO	STUB OUT
SU	STUB UP
SURF	SURFACE
SW	SWITCH
SWBD	SWITCHBOARD
TEL	TELEPHONE
TGB	TELECOM GROUND BUSBAR
TS	TIME SWITCH
UBC	UNIFORM BUILDING CODE (LATEST EDITION)
UG	UNDERGROUND
UH	UNIT HEATER
V	VOLT(S)
WG	WIRE GUARD
WP	WEATHERPROOF
W	WATTS
XFMR	TRANSFORMER

BID SET

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TANNARY LOUTON YARBROUGH — STATE OF WASHINGTON — 44812 — REGISTERED PROFESSIONAL ENGINEER

04/30/2026

STA ROUTE 21 BUS STOP IMPROVEMENTS

SpokaneTransit

1230 W. Boone Avenue,
Spokane, Washington 99201

REV	DATE	DESCRIPTION

PROJ. NO.	2025-11128
DRAWN	ACB
CHECKED	ZLY
DATE	04/30/2026

SHEET TITLE:

SYMBOLS LEGEND, ABBREVIATIONS, AND SHEET INDEX

SHEET NO:

E-001

ELECTRICAL SPECIFICATIONS

BASIC MATERIALS AND METHODS

PART 1 -- GENERAL

1.01 REFERENCES

A. UNDERWRITERS LABORATORIES INC.:
UL 6 RIGID STEEL CONDUIT.
UL 797 ELECTRICAL METALLIC TUBING.

B. AMERICAN NATIONAL STANDARDS INSTITUTE:
ANSI/NEMA FB 1 FITTINGS AND SUPPORTS FOR CONDUIT AND CABLE ASSEMBLIES.
ANSI/NEMA OS 1 SHEET-STEEL OUTLET BOXES, DEVICE BOXES, COVERS AND BOX SUPPORTS.
ANSI C80.1 RIGID STEEL CONDUIT.
ANSI C80.3 ELECTRICAL METALLIC TUBING.

C. NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION:
NEMA WC 5 THERMOPLASTIC INSULATED WIRE AND CABLE FOR THE TRANSMISSION AND DISTRIBUTION OF ELECTRICAL ENERGY.

1.02 SUPPORT SYSTEMS

A. SUPPORT SYSTEMS SHALL BE ADEQUATE FOR WEIGHT OF EQUIPMENT AND CONDUIT, INCLUDING WIRING, WHICH THEY CARRY.

1.03 SUBMITTALS

A. SUBMIT ON THE FOLLOWING:
1. LIGHT FIXTURES
2. PANELBOARDS

PART 2 -- PRODUCTS

2.01 RIGID METAL CONDUIT AND FITTINGS

A. GALVANIZED RIGID STEEL CONDUIT: UL 6 AND ANSI C80.1; THICK WALL STEEL, HOT-DIP GALVANIZED, THREADED.

B. FITTINGS AND CONDUIT BODIES: ANSI/NEMA FB 1; THREADED TYPE, MATERIAL TO MATCH CONDUIT.

C. INTERMEDIATE METAL CONDUIT (IMC): UL 1242 AND ANSI C80; STEEL, HOT DIPPED GALVANIZED, THREADED.

2.02 ELECTRICAL METALLIC TUBING (EMT) AND FITTINGS

A. EMT: UL 797 AND ANSI C80.3; STEEL TUBING, HOT-DIP GALVANIZED.

B. FITTINGS: ANSI/NEMA FB 1; STEEL, RAINTIGHT, INSULATED THROAT, COMPRESSION TYPE.

2.03 FLEXIBLE METAL CONDUIT AND FITTINGS

A. FLEXIBLE METAL CONDUIT: FS WW-C-566; GALVANIZED STEEL.

B. LIQUIDTIGHT CONDUIT: FLEXIBLE METAL CONDUIT WITH COPPER BONDING TAPE AND WEATHERPROOF JACKET.

C. FITTINGS: ANSI/NEMA FB 1; STEEL, INSULATED THROAT.

2.04 CONDUIT SUPPORTS

A. CONDUIT CLAMPS, STRAPS, AND SUPPORTS: STEEL OR MALLEABLE IRON.

2.05 SUPPORTING DEVICES

A. SUPPORT CHANNEL: ELECTRO-GALVANIZED, 12 GAUGE, 1-5/8" X 1-5/8" MINIMUM SIZE.

B. HARDWARE: CORROSION RESISTANT.

2.06 BUILDING WIRE

A. THERMOPLASTIC-INSULATED BUILDING WIRE: NEMA WC 5.
1. INTERIOR FEEDERS, BRANCH CIRCUITS #8 AND LARGER, AND CONTROL WIRING: COPPER, STRANDED CONDUCTOR, 600 VOLT INSULATION, 90 DEGREE TYPE THHN/THWN. SOLID CONDUCTOR IS UNACCEPTABLE.
2. BRANCH CIRCUITS#10 AND #12 WIRING: COPPER, SOLID CONDUCTOR, 600 VOLT INSULATION, 90 DEGREE TYPE THHN/THWN OR EQUIVALENT MC CABLE.
3. CONTROL PANEL WIRING: COPPER, STRANDED CONDUCTOR, 600 VOLT INSULATION, EXTRA FLEXIBLE TYPE MTW.

2.07 IDENTIFICATION

A. TAPE LABELS: EMBOSSED ADHESIVE TAPE, 3/8 INCH, WHITE LETTERS ON BLACK BACKGROUND.

B. WIRE AND CABLE MARKERS: CLOTH MARKERS, SPLIT SLEEVE OR TUBING TYPE.

2.08 PANELBOARDS

A. ACCEPTABLE MANUFACTURERS SHALL BE SQUARE D, SIEMENS, EATON/CUTTLER HAMMER OR APPROVED EQUIVALENT

B. BREAKER`S SERVING LIGHT CIRCUITS SHALL BE SWITCH RATED BREAKERS.

C. PANELBOARD AND BREAKER SIZES SHALL MATCH AS SPECIFIED IN PANEL SCHEDULE.

2.09 DISCONNECTS

A. ACCEPTABLE MANUFACTURERS SHALL BE SQUARE D, SIEMENS, EATON/CUTTLER HAMMER OR APPROVED EQUIVALENT.

B. SWITCHES SHALL BE FUSED TYPE HEAVY DUTY 250 OR 600 VOLT RATED, OR AS NOTED, OF CAPACITY FOR SIZE OF MOTOR OR EQUIPMENT INDICATED ON THE DRAWINGS.

C. ANY SNAP SWITCHES USED IN LIEU OF A FUSED DISCONNECT SHALL BE MOTOR RATED AND HAVE OVERLOAD PROTECTION IN ACCORDANCE WITH THE NEC.

PART 3 -- EXECUTION

3.01 CONDUIT INSTALLATION

A. CUT CONDUIT SQUARE USING A SAW OR PIPE CUTTER; DE_BURR CUT ENDS.

B. BRING CONDUIT TO THE SHOULDER OF FITTINGS AND COUPLINGS AND FASTEN SECURELY.

C. CONDUIT TERMINATIONS AT SWITCHBOARDS, PULL BOXES, ETC., SHALL BE RIGIDLY SECURED USING LOCKNUTS AND METALLIC GROUNDING INSULATING BUSHINGS WHERE REQUIRED OR INDICATED ON DRAWINGS.

D. USE CONDUIT BODIES TO MAKE SHARP CHANGES IN DIRECTION, AS AROUND BEAMS, ON APPROVAL OF ENGINEER ONLY.

E. WHERE CONDUITS ENTER/EXIT FLOOR, PROVIDE THREADED COUPLING WITH UPPER END FLUSH WITH FINISHED FLOOR. INSTALL THREADED PLUGS IN UNUSED CONDUITS.

F. USE HYDRAULIC ONE_SHOT CONDUIT BENDER OR FACTORY ELBOWS FOR BENDS IN CONDUIT LARGER THAN 1-1/4 INCH SIZE.

G. USE SUITABLE CONDUIT CAPS TO PROTECT INSTALLED CONDUIT AGAINST ENTRANCE OF DIRT AND MOISTURE.

ELECTRICAL SPECIFICATIONS

H. PROVIDE SUITABLE PULL STRING IN ALL SPARE AND DATA/COMMUNICATION CONDUITS INSTALLED OR ACCESSED IN THIS CONTRACT, EXCEPT SLEEVES AND NIPPLES.

I. SEAL BETWEEN RACEWAY AND BUILDING WHERE RACEWAY PASSES THROUGH EXTERIOR WALL OR RATED FIREWALL PER THE FOLLOWING:
1. CONCRETE CONSTRUCTION: CAST CONDUIT IN WALL OR CORE DRILL WALL AND HARD PACK WITH EQUAL PARTS OF SAND AND CONCRETE OR AN EQUIVALENT METHOD AS APPROVED BY OWNER.

3.02 CONDUIT INSTALLATION SCHEDULE

A. EXPOSED OUTDOOR LOCATIONS: GALVANIZED RIGID STEEL CONDUIT.

B. DRY INTERIOR LOCATIONS WITHIN 48 INCHES OF FLOOR OR 2 INCHES DIAMETER AND LARGER: GALVANIZED RIGID STEEL CONDUIT, INTERMEDIATE METAL CONDUIT.

C. DRY INTERIOR LOCATIONS HIGHER THAN 48 INCHES ABOVE THE FLOOR AND SMALLER THAN 2 INCHES DIAMETER: ELECTRICAL METALLIC TUBING.

D. MOTOR TERMINALS: FLEXIBLE METAL CONDUIT (18" MAXIMUM LENGTH) FOR FLEXIBILITY. INCLUDE INTERNAL GROUND WIRE.

E. THE ABOVE SCHEDULE APPLIES UNLESS SPECIFICALLY INDICATED OTHERWISE ON THE DRAWINGS OR IN THE SPECIFICATIONS.

3.03 COORDINATION OF BOX LOCATIONS

A. PROVIDE ELECTRICAL BOXES AS SHOWN ON THE DRAWINGS, AND AS REQUIRED FOR SPLICES, TAPS, WIRE PULLING, EQUIPMENT CONNECTIONS, AND CODE COMPLIANCE.

B. SUPPORT BOXES INDEPENDENT OF CONDUIT.

C. ELECTRICAL BOX LOCATIONS SHOWN ON THE DRAWINGS ARE APPROXIMATE UNLESS DIMENSIONED. VERIFY LOCATION OF OUTLETS IN OFFICES AND WORK AREAS PRIOR TO ROUGH-IN.

D. LOCATE AND INSTALL BOXES TO ALLOW ACCESS. WHERE INSTALLATION IS INACCESSIBLE, COORDINATE LOCATIONS AND SIZES OF REQUIRED ACCESS DOORS.

E. LOCATE AND INSTALL TO MAINTAIN HEADROOM AND TO PRESENT A NEAT APPEARANCE.

3.04 SUPPORTING DEVICES

A. FASTEN HANGER RODS, CONDUIT CLAMPS, AND OUTLET AND JUNCTION BOXES TO BUILDING STRUCTURE.

B. DO NOT FASTEN SUPPORTS TO PIPING, DUCTWORK, MECHANICAL EQUIPMENT, OR CONDUIT.

C. DO NOT USE POWDER-ACTUATED ANCHORS.

3.05 GENERAL WIRING METHODS

A. USE NO WIRE SMALLER THAN 12 AWG FOR POWER AND LIGHTING CIRCUITS, AND NO SMALLER THAN 14 AWG FOR CONTROL WIRING, UNLESS OTHERWISE NOTED ON THE DRAWINGS.

B. SIZE CONDUCTORS AS SHOWN ON THE DRAWINGS. NO SIZE DEVIATION SHALL BE PERMITTED. UNLESS NOTED OTHERWISE ON DRAWING.

C. SPLICE ONLY IN JUNCTION OR OUTLET BOXES. NO SPLICING SHALL BE PERMITTED IN PANELBOARD ENCLOSURES.

D. FEEDERS SHALL NOT BE SPLICED WITHOUT SPECIFIC APPROVAL FROM OWNER.

E. NEATLY TRAIN AND LACE WIRING INSIDE BOXES, EQUIPMENT, AND PANELBOARDS.

3.06 WIRING INSTALLATION IN RACEWAYS

A. PULL ALL CONDUCTORS INTO A RACEWAY AT THE SAME TIME. USE UL LISTED WIRE PULLING LUBRICANT FOR PULLING 4 AWG AND LARGER WIRES.

B. INSTALL WIRE IN RACEWAY AFTER ALL MECHANICAL WORK LIKELY TO DAMAGE CONDUCTORS HAS BEEN COMPLETED.

3.07 WIRING CONNECTIONS AND TERMINATIONS

A. SPLICE ONLY IN ACCESSIBLE JUNCTION BOXES.

B. USE UL LISTED COMPRESSION TYPE CONNECTORS WITH INSULATING COVERS FOR COPPER WIRE SPLICES AND TAPS. FOR 8 AWG AND SMALLER, USE INSULATED SPRING CONNECTORS WITH PLASTIC CAPS; 3M SCOTCHLOK OR EQUAL.

C. THOROUGHLY CLEAN WIRES BEFORE INSTALLING LUGS AND CONNECTORS.

D. MAKE SPLICES, TAPS, AND TERMINATIONS TO CARRY FULL AMPACITY OF CONDUCTORS WITHOUT PERCEPTIBLE TEMPERATURE RISE.

E. TERMINATE DEAD-ENDED CONDUCTORS WITH ELECTRICAL TAPE AND MAKE SAFE.

3.08 FIELD QUALITY CONTROL

A. INSPECT WIRE AND CABLE FOR PHYSICAL DAMAGE AND PROPER CONNECTION.

B. TORQUE TEST CONDUCTOR CONNECTIONS AND TERMINATIONS TO MANUFACTURER'S RECOMMENDED VALUES.

3.09 COLOR CODING

A. WIRING SHALL CONFORM TO THE FOLLOWING COLOR CODE. SIZES #8 AWG AND SMALLER SHALL BE COLORED, #6 AWG AND LARGER MAY BE COLORED WITH PLASTIC TAPE OF THE APPROPRIATE COLOR.

DESCRIPTION	208Y/120V	CONTROL
PHASE A (LEFT)	BLACK	-
PHASE B (CENTER)	RED	-
PHASE C (RIGHT)	BLUE	-
NEUTRAL	WHITE	WHITE
GROUND	GREEN	GREEN
120 VAC CONTROL	-	RED
120 VAC CONTROL NEUTRAL	-	WHITE
DC CONTROL (+)	-	BLUE
DC CONTROL (-)	-	BLUE/WHITE
EXTERNAL SOURCE	-	YELLOW

3.10 IDENTIFICATION

A. DEGREASE AND CLEAN SURFACES TO RECEIVE NAMEPLATES AND TAPE LABELS.

B. INSTALL NAMEPLATES ON ALL EQUIPMENT DISCONNECTS, CONTROL PANELS, ETC., INSTALLED. INSTALL PARALLEL TO EQUIPMENT LINES.

C. SECURE NAMEPLATES TO EQUIPMENT USING SCREWS.

D. INSTALL LABELS (EMBOSSED TAPE) ON ALL OTHER BOXES AND DEVICES, INCLUDING BUT NOT LIMITED TO SWITCHES, RECEPTACLES.

E. NAMEPLATES AND LABELS SHALL INDICATE PANEL AND CIRCUIT NUMBER EQUIPMENT IS SERVED FROM. ("PNLA;2" FOR CIRCUIT 2 FROM PANEL A).

F. PROVIDE WIRE MARKERS ON EACH CONDUCTOR IN PANELBOARD GUTTERS, PULL BOXES, OUTLET AND JUNCTION BOXES, AND AT ALL LOAD CONNECTIONS. IDENTIFY WITH BRANCH CIRCUIT OR FEEDER NUMBER AS INDICATED ON DRAWINGS. FOR CONTROL WIRING, IDENTIFY WITH WIRE NUMBER INDICATED ON THE SCHEMATIC OR INTERCONNECTION DIAGRAMS. PROVIDE MEGGER RESULTS. USE ATTACHED FORM A (16050), LOW VOLTAGE (600V AND LESS) INSULATION MEGGER TEST REPORT.

GENERAL NOTES

THE FOLLOWING GENERAL NOTES APPLY TO ALL DRAWINGS

1. REFER TO SPECIFICATIONS AND ALL OTHER DIVISION DOCUMENTS FOR ADDITIONAL REQUIREMENTS.
2. ELECTRICAL CONTRACTOR SHALL COORDINATE WORK WITH OTHER TRADES.
3. ALL MATERIALS SHALL BE NEW AND SHALL BE LISTED BY UNDERWRITER'S LABORATORIES, INC.
4. CATALOG NUMBERS USED IN SYMBOLS LIST AND FIXTURE SCHEDULE ARE TO BE AS NOTED OR APPROVED EQUALS. MAINTAIN SPECIFIED GRADE.
5. IT IS THE INTENT OF THE ELECTRICAL CONTRACT DOCUMENTS THAT ALL ELECTRICAL SYSTEMS ARE INSTALLED COMPLETE, TESTED AND READY FOR OPERATION, UNLESS SPECIFICALLY NOTED OTHERWISE AND WHETHER OR NOT EVERY ITEM OF EQUIPMENT, DEVICE, BOX, ETC. IS SHOWN ON THE PLANS. ELECTRICAL SUBCONTRACTOR SHALL BE ON THE PREMISES OPENING DAY.
6. SEAL ALL PENETRATIONS IN RATED WALLS, FLOORS AND CEILINGS WITH A UL APPROVED FIRE STOP SYSTEM.
7. PROVIDE A 220 LB NYLON JET PULL STRING IN ALL EMPTY RACEWAYS.
8. ALL CONDUIT BELOW CONCRETE SLABS SHALL BE RIGID, HOT-DIPPED GALVANIZED STEEL CONDUIT OR RIGID, CODE APPROVED PVC.
9. THE CONTRACTOR SHALL ENSURE THAT THE ENTIRE ELECTRICAL SYSTEM FOR THIS BUILDING IS GROUNDED IN ACCORDANCE WITH ALL APPLICABLE PROVISIONS OF ARTICLE 250 OF THE N.E.C.
10. WORKING SPACE ABOUT ELECTRICAL PANELS, SWITCHGEAR, ETC SHALL COMPLY WITH NEC ARTICLE 110.26.
11. ALL LUMINAIRES SHALL BE SECURELY FASTENED AND IN COMPLIANCE WITH ARTICLE 410-16 OF THE CURRENT NEC.
12. PROVIDE EQUIPMENT LABELS FOR DISCONNECT SWITCHES, WIRING TROUGHS, ETC. TO IDENTIFY EQUIPMENT OR EQUIPMENT SERVED. LABELS SHALL BE 1/8" THICK OF PHENOLIC MATERIAL, MACHINE ENGRAVED TO EXPOSE CONTRASTING INNER CORE.
13. ELECTRICAL CONTRACTOR SHALL PAY ALL UTILITY CONNECTION CHARGES.
14. ELECTRICAL CONTRACTOR SHALL ARRANGE ALL INSPECTIONS AND PAY ALL FEES. SUBMIT COPY OF FINAL INSPECTION REPORT TO THE OWNER.
15. UNLESS OTHERWISE NOTED, DEVICE MOUNTING HEIGHTS MEASURED TO CENTER OF BOX SHALL BE AS FOLLOWS: RECEPTACLES & SYSTEMS OUTLETS +18" AFF SWITCHES & CONTROL DEVICES + 46" AFF CLOCKS - SEE INTERIOR ELEVATIONS OR AS NOTED. 'A' DENOTES ABOVE COUNTER, COORDINATE HEIGHTS WITH CASEWORK AND GENERAL CONTRACTOR.
16. ALL BRANCH CIRCUITS SHALL INCLUDE A DEDICATED NEUTRAL AND A GREEN INSULATED EQUIPMENT GROUND CONDUCTOR, MINIMUM WIRE SIZE #12 AWG.
17. MINIMUM WIRE SIZE TO BE #12 AWG UNLESS OTHERWISE NOTED.
18. PROVIDE THE QUANTITY OF CONDUCTORS REQUIRED TO PROVIDE POWER AND CONTROL OF LIGHTING FIXTURES, BATTERY CHARGING, AND OTHER APPLICATIONS TO MEET THE INTENT OF THE DESIGN. SWITCH LEGS, TRAVELERS, ADDITIONAL UNSWITCHED CONDUCTORS, MULTIPLE NEUTRALS, GROUNDS, ETC., ARE NOT INDICATED. SWITCHING INTENT IS INDICATED BY LOWER CASE LETTER DESIGNATION, NOTE OR SYMBOL.
19. LIGHTING CONTROL COMMISSIONING REQUIREMENTS: FOR LIGHTING CONTROLS WHICH INCLUDE DAYLIGHT OR OCCUPANT SENSING AUTOMATIC CONTROLS, AUTOMATIC SHUT-OFF CONTROLS, OCCUPANCY SENSORS, OR AUTOMATIC TIME SWITCHES, THE LIGHTING CONTROLS SHALL BE TESTED TO ENSURE THAT CONTROL DEVICES, COMPONENTS, EQUIPMENT AND SYSTEMS ARE CALIBRATED, ADJUSTED AND OPERATE IN ACCORDANCE WITH APPROVED PLANS AND SPECIFICATIONS. SEQUENCES OF OPERATIONS SHALL BE FUNCTIONALLY TESTED TO ENSURE THEY OPERATED IN ACCORDANCE WITH APPROVED PLANS AND SPECIFICATIONS. A COMPLETE REPORT OF TEST PROCEDURES AND RESULTS SHALL BE PREPARED AND FILED WITH THE OWNER. DRAWING NOTES SHALL REQUIRED COMMISSIONING IN ACCORDANCE WITH THIS PARAGRAPH.
20. DIVISION 26 TO PROVIDE CONDUIT AND BOX ROUGH-IN FOR THERMOSTATS. FOR ROUGH-IN LOCATIONS REFER TO MECHANICAL HVAC DRAWINGS. ROUGH-IN SHALL CONSIST OF A 4" SQUARE BOX, SINGLE GANG PLASTER RING & A 1/2"C STUB UP INTO THE NEAREST ACCESSIBLE CEILING SPACE. EXISTING STUD WALLS USE CUT-IN BOX AND FLEX. EXISTING BLOCK WALLS UTILIZE A METALLIC SURFACE RACEWAY AND BOX.

WASHINGTON STATE NONRESIDENTIAL ENERGY CODE COMPLIANCE

1. LIGHTING: THE CONTRACTOR SHALL PROVIDE A WRITTEN CERTIFICATION VERIFYING THAT ALL LAMPS AND BALLASTS HAVE BEEN PROVIDED PER THE SPECIFICATIONS. PROVIDE A LIST WHICH INDICATES THE EXACT PART NUMBER OF THE LAMP AND BALLAST PROVIDED FOR EACH FIXTURE TYPE. INCLUDE THE CERTIFICATION AND THE LAMP/BALLAST LIST IN THE O&M MANUAL.
2. COMMISSIONING REQUIREMENTS: ALL LIGHTING CONTROLS INCLUDING DAYLIGHT OR OCCUPANT SENSING AUTOMATIC CONTROLS, AUTOMATIC SHUT OFF CONTROLS, OCCUPANCY SENSORS OR AUTOMATIC TIME SWITCHES, THE LIGHTING CONTROLS SHALL BE TESTED TO ENSURE THAT CONTROL DEVICES, COMPONENTS, EQUIPMENT AND SYSTEMS ARE CALIBRATED, ADJUSTED AND OPERATE IN ACCORDANCE WITH APPROVED PLANS AND SPECIFICATIONS. SEQUENCE OF OPERATIONS SHALL BE FUNCTIONALLY TESTED TO ENSURE THEY OPERATE IN ACCORDANCE WITH APPROVED PLANS AND SPECIFICATIONS. THE CONTRACTOR SHALL PROVIDE A WRITTEN STATEMENT CERTIFYING ALL LIGHTING CONTROLS HAVE BEEN COMMISSIONED. INCLUDE CERTIFICATION IN O&M MANUAL.

SITE PLANS

THE FOLLOWING GENERAL NOTES APPLY TO ALL DRAWINGS

1. COORDINATE ROUTING OF UNDERGROUND RACEWAYS WITH ALL NEW AND EXISTING UTILITIES. REFER TO CIVIL DRAWINGS.
2. CONTRACT WITH A LOCATOR SERVICE TO MARK THE LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO EXCAVATION.
3. ALL SITE UNDERGROUND RACEWAYS SHALL BE 1" C. U.O.N.
4. ROUTE ALL SITE LIGHTING CIRCUITS VIA LIGHTING CONTROL PANEL.
5. PROVIDE ALL REQUIRED CUTTING, PATCHING, EXCAVATION, COMPACTION, AND PATCHING FOR INSTALLATION OF UNDERGROUND RACEWAYS AND UTILITY SERVICES.
6. BACKFILL ALL TRENCHES (INCLUDING THOSE FOR UTILITY SERVICES) WITH STRUCTURAL BACKFILL OR GRAVEL BORROW PER WSDOT STANDARDS.
7. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL COORDINATION WITH THE SERVING UTILITY COMPANIES INCLUDING COMPLETING AND SUBMITTING ALL NECESSARY APPLICATIONS FOR SERVICE.
8. CONTRACTOR TO OBTAIN ALL REQUIRED PERMITS AND EASEMENTS.

BRANCH CIRCUIT WIRING

THE FOLLOWING GENERAL NOTES APPLY TO ALL DRAWINGS

1. IN GENERAL ONLY CIRCUIT NUMBERS HAVE BEEN SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL PROVIDE ALL REQUIRED RACEWAYS AND WIRING.
2. SHOW ALL RACEWAYS AND WIRING ON AS-BUILT DRAWINGS.
3. GENERAL:
3.1 MINIMUM RACEWAY SIZE SHALL BE 3/4".
3.2 NO MORE THAN 7 #12 AWG CONDUCTORS SHALL BE INSTALLED IN A RACEWAY.
3.3 HOMERUNS GREATER THAN 75 FEET TO THE FIRST DEVICE SHALL BE NO. 10 AWG.
3.4 LIGHTING, POWER, AND MECHANICAL EQUIPMENT CONDUCTORS SHALL NOT BE COMBINED IN THE SAME RACEWAY.
3.5 PROVIDE A GROUND CONDUCTOR IN ALL RACEWAYS.
3.6 PROVIDE A DEDICATED NEUTRAL CONDUCTOR FOR EACH BRANCH CIRCUIT.
4. LIGHTING:
4.1 PROVIDE CONDUCTORS AS REQUIRED TO PROVIDE CIRCUITING AND SWITCHING DUTY AS SHOWN ON THE DRAWINGS.
4.2 PROVIDE A DEDICATED NEUTRAL CONDUCTOR FOR EACH BRANCH CIRCUIT.
5. POWER:
5.1 PROVIDE CONDUCTORS AS REQUIRED TO PROVIDE CIRCUITING SHOWN.
5.2 FOR OTHER THAN 15 OR 20 AMP SINGLE PHASE RECEPTACLE BRANCH CIRCUITS PROVIDE A DEDICATED HOMERUN TO THE PANEL.
5.3 FOR 30 AMP BRANCH CIRCUITS PROVIDE #10 AWG CONDUCTORS.
5.4 FOR 40 AMP AND LARGER BRANCH CIRCUITS PROVIDE RACEWAYS AND WIRING AS SHOWN ON THE DRAWINGS.
5.5 PROVIDE A DEDICATED NEUTRAL CONDUCTOR FOR EACH BRANCH CIRCUIT.
6. MECHANICAL EQUIPMENT: PROVIDE RACEWAYS AND WIRING AS SHOWN ON THE MECHANICAL EQUIPMENT CONNECTION SCHEDULE.

ONE-LINE DIAGRAM

1. ALL FEEDERS ARE COPPER WITH THHN/THWN INSULATION.
2. PROVIDE PULL BOXES AS REQUIRED BY THE NEC.
3. SHORT CIRCUIT CURRENTS LESS THAN 10,000 ASYM FOR 208V PANELS AND 14,000 ASYM FOR 480V PANELS ARE NOT SHOWN.
4. THE ONE-LINE DIAGRAM IS DIAGRAMMATIC AND DOES NOT SHOW THE ACTUAL ROUTING OF THE RACEWAYS.
5. PROVIDE SHORT CIRCUIT, COORDINATION, AND ARC FLASH STUDY TO INCLUDE ALL OVERCURRENT DEVICES. SET OVERCURRENT DEVICE SETTINGS AS INDICATED BY STUDY. PROVIDE ARC FLASH LABELS AS INDICATED BY STUDY.
6. TEST ALL GROUND FAULT RELAYS AS REQUIRED BY THE WAC.

EQUIPMENT CONNECTIONS

1. VERIFY ELECTRICAL REQUIREMENTS WITH MANUFACTURER SHOP DRAWINGS PRIOR TO ROUGH-IN.
2. INSTALL AND WIRE EQUIPMENT PER MANUFACTURER SHOP DRAWINGS.
3. PROVIDE ALL RACEWAYS, WIRING AND ANCILLARY EQUIPMENT AS SHOWN ON MANUFACTURER SHOP DRAWINGS.
4. PROVIDE HARDWIRED CONNECTION, RECEPTACLE OR FUSED DISCONNECT SWITCH AS SHOWN ON MANUFACTURER SHOP DRAWINGS.
5. WHERE NO STARTER IS LISTED STARTER TO BE PROVIDED BY MECHANICAL.

POWER PLANS

THE FOLLOWING GENERAL NOTES APPLY TO ALL DRAWINGS

1. PROVIDE DISCONNECT SWITCH OR COMBINATION STARTER FOR EACH PIECE OF EQUIPMENT AS SHOWN ON MECHANICAL EQUIPMENT CONNECTION SCHEDULE.
2. ALL EXTERIOR RECEPTACLES SHALL BE WP/GFI.
3. ALL EXTERIOR DISCONNECTS/STARTERS SHALL BE NEMA 3R.

LIGHTING PLANS

THE FOLLOWING GENERAL NOTES APPLY TO ALL DRAWINGS

1. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATION OF LUMINAIRES.

LUMINAIRE SCHEDULE GENERAL NOTES

1. THE UNDERLINED LUMINAIRE IN THE SCHEDULE REPRESENTS THE "BASIS OF DESIGN". ALL OTHER MANUFACTURERS LISTED MUST MEET OR EXCEED ALL REQUIREMENTS OF THE BASIS OF DESIGN.
2. VERIFY THE VOLTAGE OF ALL LUMINAIRES. REFER TO PLANS FOR SPECIFIC VOLTAGE REQUIREMENTS.
3. ALL LUMINAIRES TO BE PROVIDED WITH ALL ROUGH-IN AND TRIM ASSEMBLIES FOR A COMPLETE INSTALLATION.
4. ALL LUMINAIRES TO BE UL LISTED AND LABELED. EXTERIOR LUMINAIRES TO BE UL "WET" LABELED.
5. LUMINAIRES SHALL BE PROVIDED WITH AN INTERNAL DISCONNECTING MEANS WHICH COMPLIES WITH NEC ARTICLE 410.
6. ALL LUMINAIRES TO HAVE AN INTEGRAL BALLAST UNLESS A REMOTE BALLAST IS SPECIFIED.

BID SET

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STATE OF WASHINGTON
ZACHARY LOUTON YARDLEY
44812
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PROFESSIONAL ENGINEER

04/30/2026

STA ROUTE 21 BUS STOP IMPROVEMENTS

SpokaneTransit
1230 W. Boone Avenue,
Spokane, Washington 99201

REV	DATE	DESCRIPTION

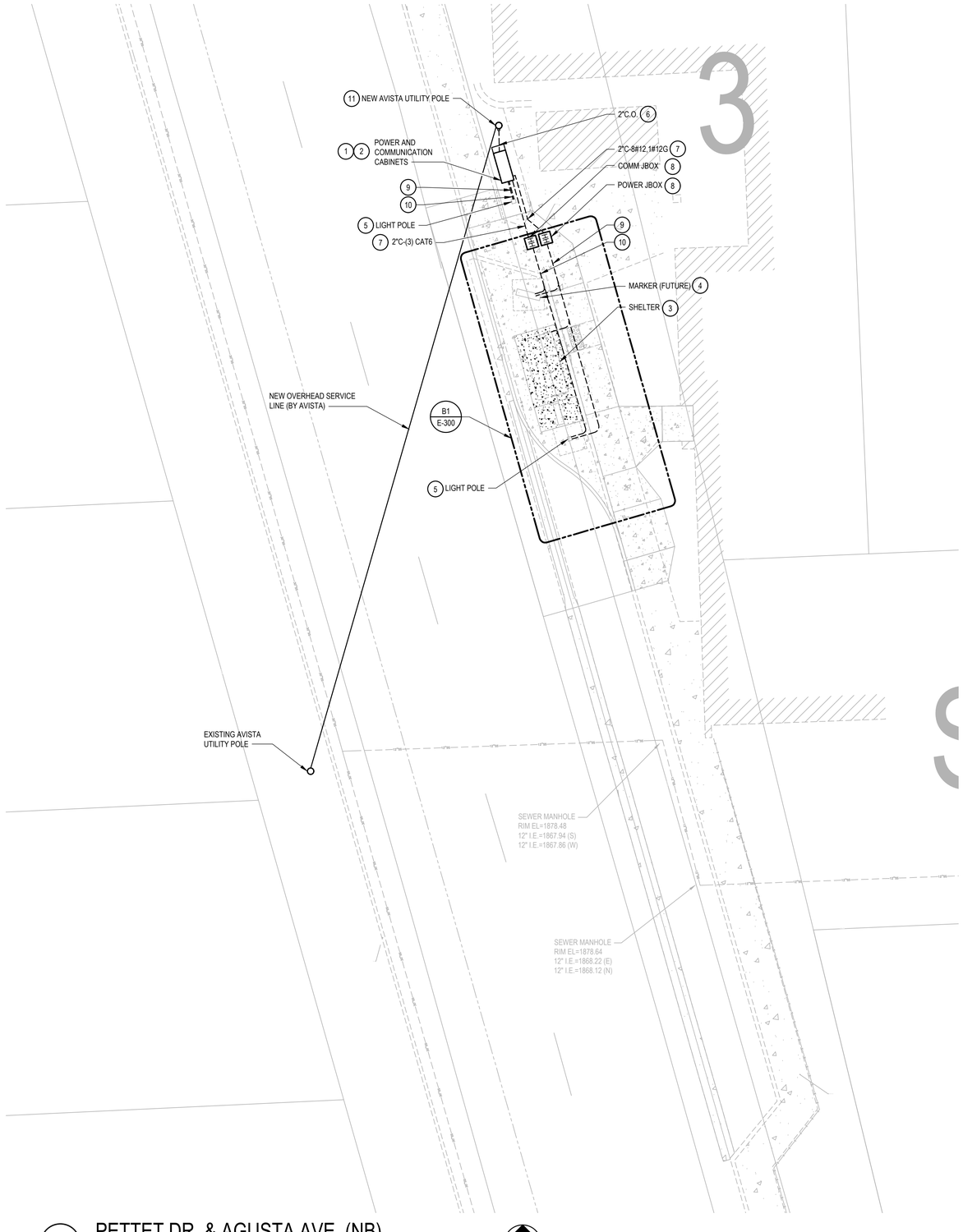
PROJ. NO.	2025-11128
DRAWN	ACB
CHECKED	ZLY
DATE	04/30/2026

SHEET TITLE:

GENERAL NOTES AND SPECIFICATIONS

SHEET NO:

E-002



A1 PETTET DR. & AGUSTA AVE. (NB)
SCALE: 1"=10'-0"

NORTH

GENERAL NOTES

1. ALL WORK SHALL COMPLY WITH THE CURRENT EDITION OF THE NEC AS ADOPTED BY THE STATE OF WASHINGTON OR THE LOCAL AUTHORITY HAVING JURISDICTION.
2. UNLESS OTHERWISE NOTED ALL ELECTRICAL CIRCUITS SHALL BE 1"C-2#12,1#12G ROUTED BACK TO POWER CABINET.
3. SEE SHEET E-400 FOR TYPICAL ONE-LINE DIAGRAM AND PANEL SCHEDULE
4. TELECOMMUNICATION SERVICE TO COMM CABINET IS CELLULAR. COORDINATE REQUIREMENTS INCLUDING ALL EQUIPMENT WITH STA SPECIFICATIONS.
5. CONTRACTOR SHALL PROTECT ALL EXISTING TREE ROOTS AS MUCH AS POSSIBLE AND AVOID ROUTING CONDUITS IN LANDSCAPE AREAS.
6. MAINTAIN 3" OF SEPARATION BETWEEN POWER AND COMM CONDUITS IN COMMON TRENCHES.

KEYED NOTES

1. REFER DETAILS B1 AND B3 ON SHEET E-301 FOR ADDITIONAL INFORMATION FOR COMMUNICATION AND UTILITY CABINETS.
2. REFER DETAILS A3 ON SHEET E-300 FOR FOUNDATION DETAILS FOR COMMUNICATION AND UTILITY CABINETS.
3. REFER DETAILS A1 ON SHEET E-301 FOR ADDITIONAL INFORMATION FOR FOR ELECTRICAL REQUIREMENTS FOR SHELTER.
4. REFER TO DETAIL A1 ON SHEET E-300 ADDITIONAL INFORMATION FOR FOR ELECTRICAL REQUIREMENTS FOR FUTURE MARKER SIGN. STUB AND CAP CONDUITS WITH METAL PLUG FLUSH WITH SURFACE OF CONCRETE.
5. REFER TO DETAIL B3 ON SHEET E-300 ADDITIONAL INFORMATION FOR FOR ELECTRICAL REQUIREMENTS FOR LIGHT POLES.
6. PRIMARY CABLE PROVIDED BY UTILITY. CONTRACTOR TO PROVIDE CONDUIT, TRENCHING, AND BACKFILL PER AVISTA SPECIFICATIONS. CONFIRM SIZE AND QUANTITY OF CONDUITS PRIOR TO INSTALLATION.
7. ROUTE CONDUIT AND CONDUCTORS FROM CABINET TO ASSOCIATED HAND HOLE. POWER AND COMM CONDUITS SHALL BE IN A COMMON TRENCH. MAINTAIN A 3" SEPARATION BETWEEN POWER AND COMM CONDUITS. ENSURE ROUTING IS WITHIN AREA OF REMOVED CONCRETE SEE SHEET C-205 FOR ADDITIONAL INFORMATION.
8. PROVIDE AND INSTALL HAND HOLE COORDINATE EXACT LOCATION WITH OWNER PRIOR TO INSTALLATION. ROUTE CONDUCTORS FROM POWER AND COMMUNICATION CABINET THROUGH HAND HOLE AND CONTINUE TO DEVICES. SEE DETAIL B1 ON SHEET E-300 FOR ADDITIONAL INFORMATION.
9. POWER CONDUIT ROUTING. SEE DETAIL B1 ON SHEET E-300 FOR QUANTITY AND SIZE OF CONDUIT AND CONDUCTORS. ROUTE CONDUITS IN COMMON TRENCH WHERE POSSIBLE.
10. COMMUNICATION CONDUIT ROUTING. SEE DETAIL B1 ON SHEET E-300 FOR QUANTITY AND SIZE OF CONDUIT AND CONDUCTORS. ROUTE CONDUITS IN COMMON TRENCH WHERE POSSIBLE.
11. NEW UTILITY POLE INSTALLED BY AVISTA. CONTRACTOR TO COORDINATE EXACT LOCATION.

UTILITY CONTACT

POWER: AVISTA UTILITIES
TODD HARMON
TODD.HARMON@AVISTACORP.COM
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TANNARY LOUTON YARBROUGH
STATE OF WASHINGTON
44812
REGISTERED
PROFESSIONAL ENGINEER
04/30/2026

STA ROUTE 21 BUS STOP IMPROVEMENTS

SpokaneTransit
1230 W. Boone Avenue,
Spokane, Washington 99201

REV	DATE	DESCRIPTION

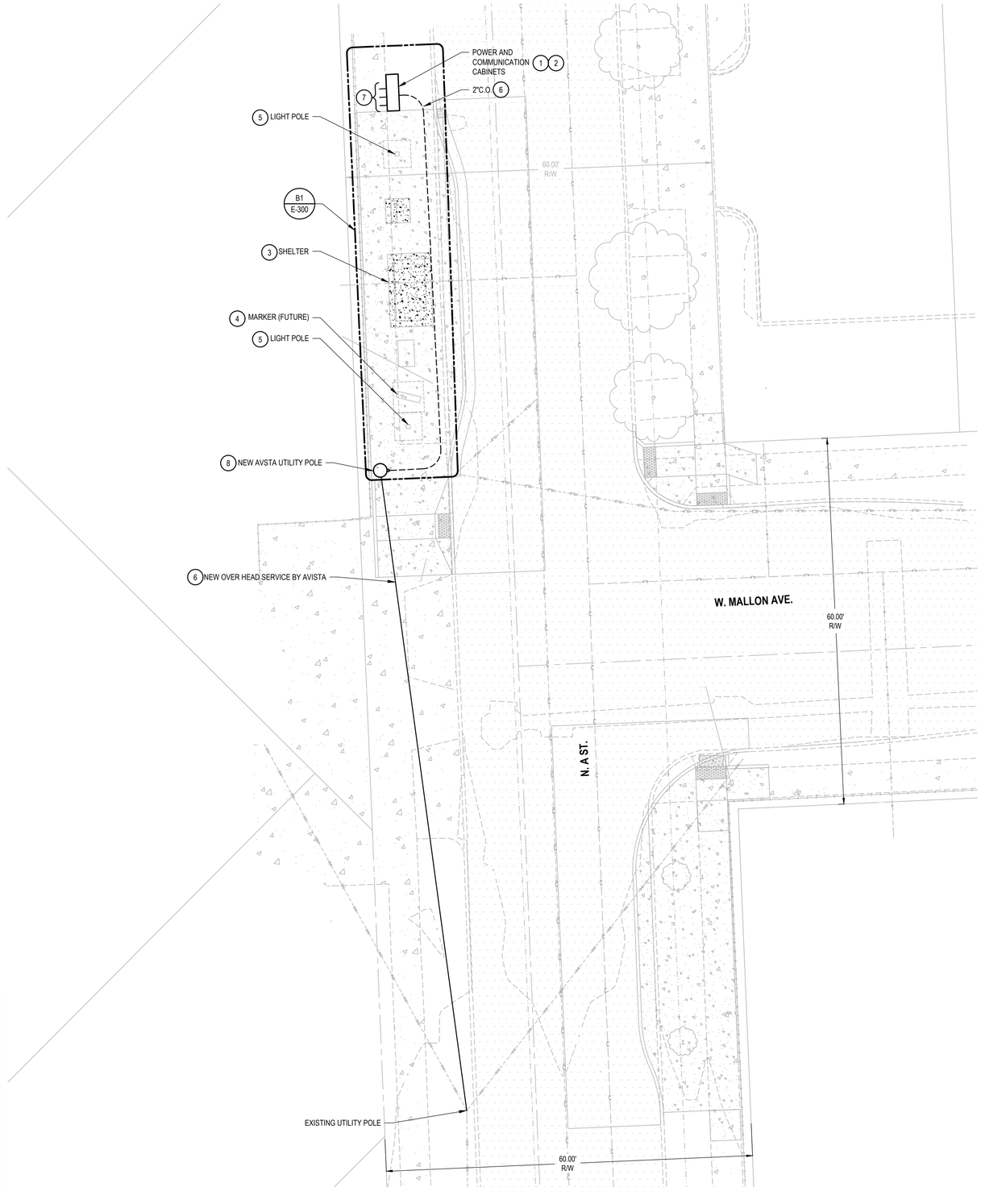
PROJ. NO.	2025-11128
DRAWN	ACB
CHECKED	ZLY
DATE	04/30/2026

SHEET TITLE:

PETTET DR. & AGUSTA AVE. (NB)

SHEET NO:

E-201



A1 A ST. & MALLON AVE. (NB AND SB)
SCALE: 1" = 10'-0"

NORTH

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3. SEE SHEET E-400 FOR TYPICAL ONE-LINE DIAGRAM AND PANEL SCHEDULE
4. TELECOMMUNICATION SERVICE TO COMM CABINET IS CELLULAR. COORDINATE REQUIREMENTS INCLUDING ALL EQUIPMENT WITH STA SPECIFICATIONS.

KEYED NOTES

1. REFER DETAILS B1 AND B3 ON SHEET E-301 FOR ADDITIONAL INFORMATION FOR COMMUNICATION AND UTILITY CABINETS.
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5. REFER TO DETAIL B3 ON SHEET E-300 ADDITIONAL INFORMATION FOR FOR ELECTRICAL REQUIREMENTS FOR LIGHT POLES.
6. PRIMARY CABLE PROVIDED BY UTILITY. CONTRACTOR TO PROVIDE CONDUIT, TRENCHING, AND BACKFILL PER AVISTA SPECIFICATIONS. CONFIRM SIZE AND QUANTITY OF CONDUITS PRIOR TO INSTALLATION.
7. SEE DETAIL B1 ON SHEET E-300 FOR QUANTITY, SIZE, AND ROUTING OF CONDUITS.
8. NEW UTILITY POLE INSTALLED BY AVISTA. CONTRACTOR TO COORDINATE EXACT LOCATION.

UTILITY CONTACT

POWER: AVISTA UTILITIES
TODD HARMON
TODD.HARMON@AVISTACORP.COM
(509)-503-8094

COFFMAN ENGINEERS
221 N. Wall Street
Suite 500
Spokane, WA 99201
ph 509.328.2994
www.coffman.com

TANNARY LOUTON YARDLEY
STATE OF WASHINGTON
44812
REGISTERED
PROFESSIONAL ENGINEER
04/30/2026

STA ROUTE 21 BUS STOP IMPROVEMENTS

SpokaneTransit
1230 W. Boone Avenue,
Spokane, Washington 99201

REV	DATE	DESCRIPTION

PROJ. NO.	2025-11128
DRAWN	ACB
CHECKED	ZLY
DATE	04/30/2026

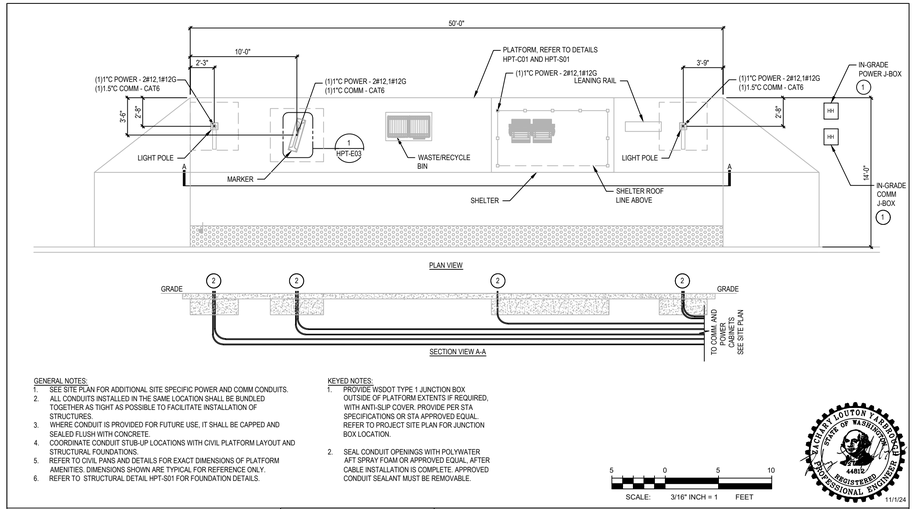
SHEET TITLE:

A ST. & MALLON AVE. (NB AND SB)

SHEET NO:

E-202

BID SET



GENERAL NOTES:
1. SEE SITE PLAN FOR ADDITIONAL SITE SPECIFIC POWER AND COMM CONDUITS.
2. ALL CONDUITS INSTALLED IN THE SAME LOCATION SHALL BE BUNDLED TOGETHER AS TIGHT AS POSSIBLE TO FACILITATE INSTALLATION OF STRUCTURES.
3. WHERE CONDUIT IS PROVIDED FOR FUTURE USE, IT SHALL BE CAPPED AND SEALED FLUSH WITH CONCRETE.
4. COORDINATE CONDUIT STUB-UP LOCATIONS WITH CIVIL PLATFORM LAYOUT AND STRUCTURAL FOUNDATIONS.
5. REFER TO CIVIL PANS AND DETAILS FOR EXACT DIMENSIONS OF PLATFORM AMENITIES. DIMENSIONS SHOWN ARE TYPICAL FOR REFERENCE ONLY.
6. REFER TO STRUCTURAL DETAIL HPT-S01 FOR FOUNDATION DETAILS.

KEYED NOTES:
1. PROVIDE WSDOT TYPE 1 JUNCTION BOX OUTSIDE OF PLATFORM EXTENTS IF REQUIRED, WITH ANTI-SLIP COVER. PROVIDE PER STA SPECIFICATIONS OR STA APPROVED EQUAL. REFER TO PROJECT SITE PLAN FOR JUNCTION BOX LOCATION.
2. SEAL CONDUIT OPENINGS WITH POLYWATER AFT SPRAY FOAM OR APPROVED EQUAL. AFTER CABLE INSTALLATION IS COMPLETE. APPROVED CONDUIT SEALANT MUST BE REMOVABLE.

SCALE: 3/16" INCH = 1 FEET

11/1/24

REV #	DATE	DESCRIPTION
STA APPROVAL:		
NAME:		DATE:

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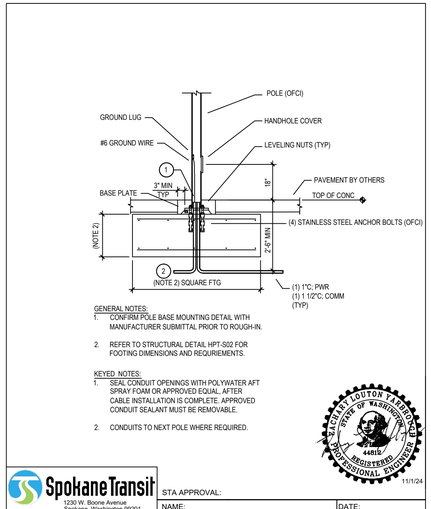
Spokane Transit
1230 W. Boone Avenue
Spokane, Washington 99201

TITLE: HPT STATION PLATFORM - TYPICAL CONDUIT PLAN

PROJECT: STA - STANDARD DETAILS AND PLANS			SCALE: 3/16" = 1'-0"
CLIENT: SPOKANE TRANSIT AUTHORITY			SHEET NO: HPT-E01
PROJ. NO.	232528	CHECKED	MBV
DATE	11/1/2024	DRAWN	SLP

B1 HPT STATION PLATFORM - TYPICAL CONDUIT PLAN

SCALE: NTS



GENERAL NOTES:
1. CONFIRM POLE BASE MOUNTING DETAIL WITH MANUFACTURER SUBMITTAL PRIOR TO ROUGH-IN.
2. REFER TO STRUCTURAL DETAIL HPT-S02 FOR FOOTING DIMENSIONS AND REQUIREMENTS.

KEYED NOTES:
1. SEAL CONDUIT OPENINGS WITH POLYWATER AFT SPRAY FOAM OR APPROVED EQUAL. AFTER CABLE INSTALLATION IS COMPLETE. APPROVED CONDUIT SEALANT MUST BE REMOVABLE.
2. CONDUITS TO NEXT POLE WHERE REQUIRED.

11/1/24

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NAME: DATE:

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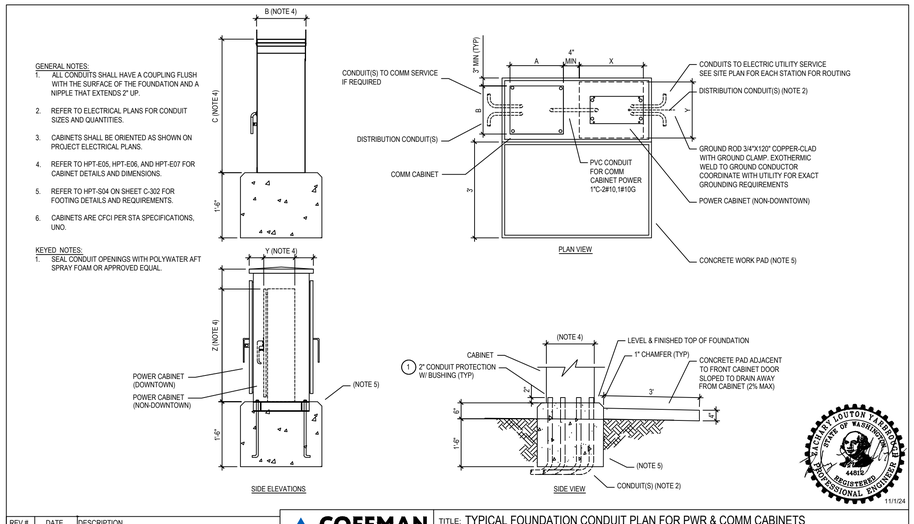
TITLE: HPT LIGHT POLE BASE - SPREAD FOOTING

PROJECT: STA - STANDARD DETAILS AND PLANS			SCALE: NTS
CLIENT: SPOKANE TRANSIT AUTHORITY			SHEET NO: HPT-E02
PROJ. NO.	232528	CHECKED	MBV
DATE	11/1/2024	DRAWN	SLP

B3 HPT LIGHT POLE BASE - SPREAD FOOTING

SCALE: NTS



GENERAL NOTES:
1. SEE STRUCTURAL DRAWING HPT-S03 FOR FOOTING DETAILS.
2. CONTRACTOR FURNISHED LUMINAIRES AND POWER SUPPLY TO BE PROVIDED PER STA SPECIFICATIONS UNLESS OTHERWISE NOTED.
3. MARKER SIGN FUTURE. DETAIL SHOWN FOR REFERENCE ONLY. ELECTRICAL SCOPE OF THIS PROJECT SHOWN BOLD.

KEYED NOTES:
1. STUB AND CAP CONDUITS WITH METAL PLUG FLUSH WITH SURFACE OF CONCRETE AS SHOWN.

11/1/24

REV #	DATE	DESCRIPTION
STA APPROVAL:		
NAME:		DATE:

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Spokane Transit
1230 W. Boone Avenue
Spokane, Washington 99201

TITLE: (FUTURE) HPT MARKER ELECTRICAL AND COMMUNICATIONS - TYPICAL DETAIL

PROJECT: STA - STANDARD DETAILS AND PLANS			SCALE: NTS
CLIENT: SPOKANE TRANSIT AUTHORITY			SHEET NO: HPT-E03
PROJ. NO.	232528	CHECKED	MBV
DATE	11/1/2024	DRAWN	SLP

A1 HPT MARKER ELECTRICAL AND COMMUNICATIONS - TYPICAL DETAIL

SCALE: NTS

GENERAL NOTES:
1. ALL CONDUITS SHALL HAVE A COUPLING FLUSH WITH THE SURFACE OF THE FOUNDATION AND A NIPPLE THAT EXTENDS 2" UP.
2. REFER TO ELECTRICAL PLANS FOR CONDUIT SIZES AND QUANTITIES.
3. CABINETS SHALL BE ORIENTED AS SHOWN ON PROJECT ELECTRICAL PLANS.
4. REFER TO HPT-E05, HPT-E06, AND HPT-E07 FOR CABINET DETAILS AND DIMENSIONS.
5. REFER TO HPT-S04 ON SHEET C-302 FOR FOOTING DETAILS AND REQUIREMENTS.
6. CABINETS ARE CFCI PER STA SPECIFICATIONS, UNO.

KEYED NOTES:
1. SEAL CONDUIT OPENINGS WITH POLYWATER AFT SPRAY FOAM OR APPROVED EQUAL.

11/1/24

REV #	DATE	DESCRIPTION
STA APPROVAL:		
NAME:		DATE:

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Spokane, Washington 99201

TITLE: TYPICAL FOUNDATION CONDUIT PLAN FOR PWR & COMM CABINETS

PROJECT: STA - STANDARD DETAILS AND PLANS			SCALE: NTS
CLIENT: SPOKANE TRANSIT AUTHORITY			SHEET NO: HPT-E04
PROJ. NO.	232528	CHECKED	MBV
DATE	11/1/2024	DRAWN	SLP

A3 TYPICAL FOUNDATION CONDUIT PLAN FOR PWR & COMM CABINETS

SCALE: NTS

BID SET

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ZACHARY LOUTON YARBROUGH
STATE OF WASHINGTON
44812
REGISTERED
PROFESSIONAL ENGINEER

04/30/2026

STA ROUTE 21 BUS STOP IMPROVEMENTS

Spokane Transit
1230 W. Boone Avenue,
Spokane, Washington 99201

REV	DATE	DESCRIPTION

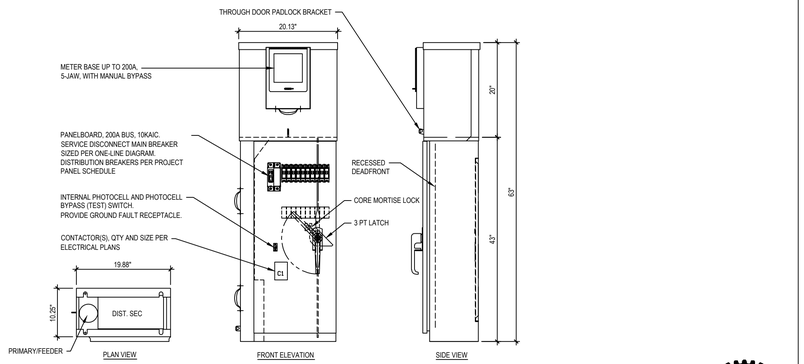
PROJ. NO.	2025-11128
DRAWN	ACB
CHECKED	ZLY
DATE	04/30/2026

SHEET TITLE:

ELECTRICAL DETAILS

SHEET NO:

E-300



GENERAL NOTES:
1. DIMENSIONS AND EXACT CABINET CONFIGURATION TO BE CONFIRMED WITH MANUFACTURER SHOP DRAWINGS.
2. REFER TO STANDARD DETAILS HPT-E04 AND CIVIL PLANS FOR CONDUIT AND EQUIPMENT PAD/FOUNDATION REQUIREMENTS.

11/1/24

REV #	DATE	DESCRIPTION

STA APPROVAL:
NAME: DATE:

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Spokane Transit
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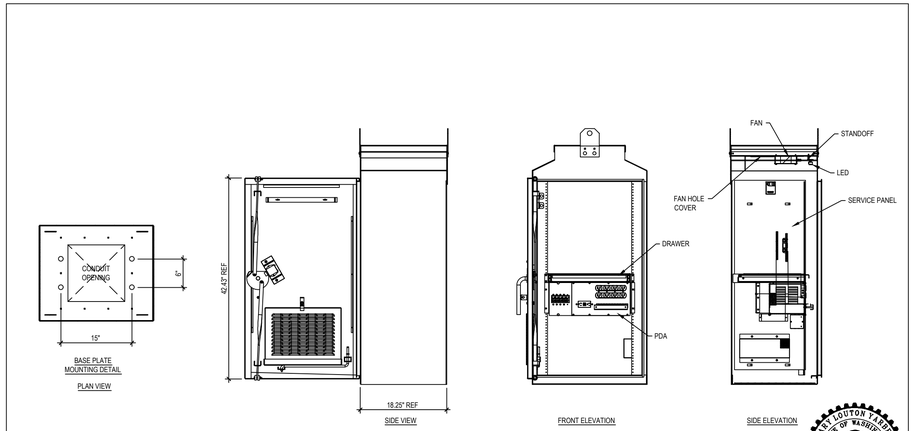
Spokane, Washington 99201

TITLE: TYPICAL POWER CABINET & UTILITY METER DETAIL - NON-DOWNTOWN

PROJECT: STA - STANDARD DETAILS AND PLANS	SCALE: NTS
CLIENT: SPOKANE TRANSIT AUTHORITY	SHEET NO: HPT-E06
PROJ. NO. 232528 CHECKED MBV	
DATE 11/1/2024 DRAWN SLP	

B1 TYPICAL POWER CABINET & UTILITY METER DETAIL - NON-DOWNTOWN
SCALE: NONE



11/1/24

REV #	DATE	DESCRIPTION

STA APPROVAL:
NAME: DATE:

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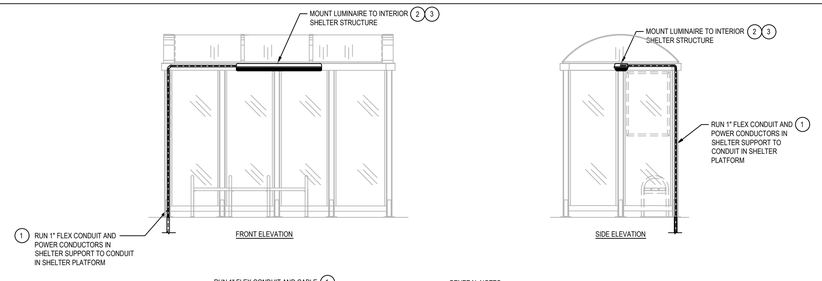
Spokane Transit
1230 W. Boone Avenue
Spokane, Washington 99201

TITLE: TYPICAL COMMUNICATIONS CABINET DETAIL

PROJECT: STA - STANDARD DETAILS AND PLANS	SCALE: NTS
CLIENT: SPOKANE TRANSIT AUTHORITY	SHEET NO: HPT-E07
PROJ. NO. 232528 CHECKED MBV	
DATE 11/1/2024 DRAWN SLP	

B3 TYPICAL COMMUNICATIONS CABINET DETAIL
SCALE: NONE



GENERAL NOTES
1. REFER TO ELECTRICAL DETAIL HPT-E01 FOR ADDITIONAL CONDUIT DETAILS.
2. COORDINATE CONDUIT LOCATION WITH STRUCTURAL FOOTING DETAIL PRIOR TO INSTALL.
3. CONTRACTOR TO REFER TO PROJECT DRAWING FOR SPECIFIC SHELTER TYPE AND DIMENSIONS. ELECTRICAL REQUIREMENTS ARE THE SAME FOR ALL SHELTER TYPES.
4. ALL SHELTER COMPONENTS EXCLUDING LUMINAIRE, CONDUIT AND WIRE ARE OFOI.

KEYED NOTES
1. CONDUIT TO BE ROUTED IN VERTICAL SUPPORTS OF SHELTER TO LUMINAIRE. ANY EXPOSED CONDUIT SHALL ONLY BE ROUTED INSIDE THE SHELTER, HIDDEN WHERE POSSIBLE, AND PAINTED TO MATCH SHELTER. ALL CONDUIT AND WIRE IS CFCI.
2. LUMINAIRE, CONTROLS, HOUSING, AND MOUNTING COMPONENTS TO BE PROVIDED BY STA. CONTRACTOR TO INSTALL.
3. FOR SOLAR POWERED SHELTER: STA TO PROVIDE SOLAR PANELS ON SHELTER ROOF, BATTERY PACK, AND MOUNTING COMPONENTS. CONTRACTOR TO INSTALL PER MANUFACTURER'S SPECIFICATIONS.

11/1/24

REV #	DATE	DESCRIPTION

STA APPROVAL:
NAME: DATE:

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Spokane Transit
1230 W. Boone Avenue
Spokane, Washington 99201

TITLE: TYPICAL SHELTER ELECTRICAL DETAIL

PROJECT: STA - STANDARD DETAILS AND PLANS	SCALE: NTS
CLIENT: SPOKANE TRANSIT AUTHORITY	SHEET NO: SP-E02
PROJ. NO. 232528 CHECKED MBV	
DATE 11/1/2024 DRAWN SLP	

A1 TYPICAL SHELTER ELECTRICAL DETAIL
SCALE: NONE

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04/30/2026

STA ROUTE 21 BUS STOP IMPROVEMENTS

Spokane Transit
1230 W. Boone Avenue,
Spokane, Washington 99201

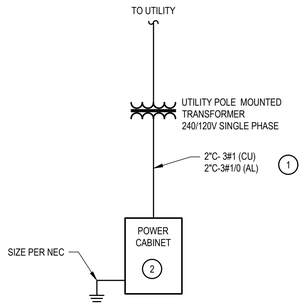
REV	DATE	DESCRIPTION

PROJ. NO. 2025-11128
DRAWN ACB
CHECKED ZLY
DATE 04/30/2026

SHEET TITLE:
ELECTRICAL DETAILS

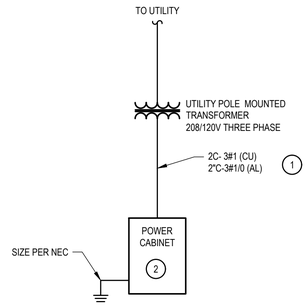
SHEET NO:
E-301

BID SET



D1 ONE LINE (PETTET AND AGUSTA)

SCALE: NTS



D2 ONE LINE (A ST AND MALLON)

SCALE: NTS

GENERAL NOTES

1. ALL WORK SHALL COMPLY WITH THE CURRENT EDITION OF THE NEC AS ADOPTED BY THE STATE OF WASHINGTON OR THE LOCAL AUTHORITY HAVING JURISDICTION.
2. SEE SITE PLAN FOR EACH STOP FOR ADDITIONAL ELECTRICAL UTILITY SERVICE INFORMATION.

⓵ KEYED NOTES

1. CONDUIT AND TRENCHING BY CONTRACTOR. COORDINATE QUANTITY OF CONDUITS WITH AVISTA UTILITIES.
2. SEE DETAIL B1/E-301 FOR POWER CABINET ELECTRICAL CONFIGURATION.

PROJECT: STA Route 21 HPT — **PANEL: POWER CABINET**

Location: Feed-Thru To: DATE: 5/4/2026

Ckt	Description	Phase	Amp	Poles	Notes	Ckt Totals
1	PLATFORM LTG	A	20	1		0.2
3	SPARE	B	20	1		
5	MARKER BOARD	A	20	1		0.2
7	REC	B	20	1		0.4
		A				
		B				
		A				
		B				
		A				
		B				
		A				
		B				
		A				
		B				
		A				
		B				
		A				
		B				
		A				
		B				
		A				
		B				
		A				
		B				
		A				
		B				
		A				
		B				
		A				
2	SPARE	A	20	1		
4	SPARE	B	20	1		
6	SPARE	A	20	1		
8	COMM CABINET	B	30	1		2.0

Specifications		
Voltage (L-L):		240
Phase/Wire:		1PH / 3W
Bus Current Rating (Amps):		200
Bus Material:		Cu/Al
Short Circuit Current Rating (Amps)		10kA
Main Type:		BRKR
Main Rating:		100
Neutral Type:		FULL
Mounting/Encl.:	SURFACE	NEMA

NEC Sections Used in Demand Calculations

Factor #	NEC Reference	Notes
1	TBL 220.44 Receptacles ND	1st 10k @100%, Remainder @50%
2	TBL 220.42 Apartments General Lighting	1st 20k@50%, 20-100k @40%, >100k @30%
3	430.24 Motors	Largest @125% Remainder @100%
4	210.91(A)1 Cont Loads	125%
5	Non-Cont Loads	100%
6	220.51 Heating	100%

Feeder Load Breakdown	Conn(KVA)	Dmd Fact
Non-Dwelling Receptacles	0.36	1.00
Dwelling General Illumination	0.00	0.00
Non-Continuous Lighting	0.00	1.00
Continuous Lighting	0.20	1.25
Exterior Lighting	0.00	1.25
Kitchen Appliances	0.00	1.00
Motors	0.00	1.00
Largest Motor (per phase)	0.00	0.25
Fixed Heating	0.00	1.00
Fixed Cooling	0.00	1.00
Non-Diversity Loads	0.00	1.00
Other	2.20	1.00

Connected Feeder Load Summary

	CONN KVA	CONN AMPS	NEC KVA	NEC AMPS
PHASE A:	0.40	3.33	0.45	3.75
PHASE B:	2.36	19.67	2.36	19.67
TOTAL:	2.76	11.50	2.81	11.71

Notes:

Panel Loading: ACCEPTABLE

B2 PANEL SCHEDULE (PETTET AND AGUSTA)

SCALE: NTS

PROJECT: STA Route 21 HPT — **PANEL: POWER CABINET**

Location: Feed-Thru To: DATE: 5/4/2026

Ckt	Description	Phase	Amp	Poles	Notes	Ckt Totals
1	PLATFORM LTG	A	20	1		0.2
3	SPARE	B	20	1		
5	MARKER BOARD	A	20	1		0.2
7	REC	B	20	1		0.4
		A				
		B				
		A				
		B				
		A				
		B				
		A				
		B				
		A				
		B				
		A				
		B				
		A				
		B				
		A				
		B				
		A				
		B				
		A				
		B				
		A				
		B				
		A				
2	SPARE	A	20	1		
4	SPARE	B	20	1		
6	SPARE	A	20	1		
8	COMM CABINET	B	30	1		2.0

Specifications		
Voltage (L-L):		208
Phase/Wire:		1PH / 3W
Bus Current Rating (Amps):		200
Bus Material:		Cu/Al
Short Circuit Current Rating (Amps)		10kA
Main Type:		BRKR
Main Rating:		100
Neutral Type:		FULL
Mounting/Encl.:	SURFACE	NEMA

NEC Sections Used in Demand Calculations

Factor #	NEC Reference	Notes
1	TBL 220.44 Receptacles ND	1st 10k @100%, Remainder @50%
2	TBL 220.42 Apartments General Lighting	1st 20k@50%, 20-100k @40%, >100k @30%
3	430.24 Motors	Largest @125% Remainder @100%
4	210.91(A)1 Cont Loads	125%
5	Non-Cont Loads	100%
6	220.51 Heating	100%

Feeder Load Breakdown	Conn(KVA)	Dmd Fact
Non-Dwelling Receptacles	0.36	1.00
Dwelling General Illumination	0.00	0.00
Non-Continuous Lighting	0.00	1.00
Continuous Lighting	0.20	1.25
Exterior Lighting	0.00	1.25
Kitchen Appliances	0.00	1.00
Motors	0.00	1.00
Largest Motor (per phase)	0.00	0.25
Fixed Heating	0.00	1.00
Fixed Cooling	0.00	1.00
Non-Diversity Loads	0.00	1.00
Other	2.20	1.00

Connected Feeder Load Summary

	CONN KVA	CONN AMPS	NEC KVA	NEC AMPS
PHASE A:	0.40	3.33	0.45	3.75
PHASE B:	2.36	19.67	2.36	19.67
TOTAL:	2.76	11.50	2.81	11.71

Notes:

Panel Loading: ACCEPTABLE

B4 PANEL SCHEDULE (MALLON AND A ST)

SCALE: NTS

BID SET

COFFMAN ENGINEERS
221 N. Wall Street
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04/30/2026

STA ROUTE 21 BUS STOP IMPROVEMENTS

SpokaneTransit
1230 W. Boone Avenue,
Spokane, Washington 99201

REV	DATE	DESCRIPTION

PROJ. NO. 2025-11128
DRAWN ACB
CHECKED ZLY
DATE 04/30/2026

SHEET TITLE:

TYPICAL ONE LINE AND PANEL SCHEDULE

SHEET NO:

E-400