FedEx Ground Package Facility

195 McNearney Road

Ponderay, Idaho 83852

Prepared By

VORTEX ENGINEERING, INC.
861 Rood Avenue
Grand Junction, CO 81501
(970) 245-9051

PROJECT NOTES

GENERAL NOTES:

1. CONTRACTOR RESPONSIBILITIES:
   - (A) CONTRACTOR SHALL OBTAIN ALL PERMITS FOR DEMOLITION, CONSTRUCTION AND GRADING. THE COST OF ALL PERMITS SHALL BE INCLUDED AS PART OF THE CONTRACTOR'S BID.
   - (B) ALL PROJECT SAFETY INCLUDING, BUT NOT LIMITED TO, CONSTRUCTION SCAFFOLDING AND SECURITY.
   - (C) COORDINATING ALL WORK AND INSPECTIONS AS REQUIRED BY THE CITY, COUNTY OR THE STATE.
   - (D) RECORDING AS-BUILT INFORMATION ON A SET OF RECORD DRAWINGS KEPT ON THE CONSTRUCTION SITE. AS-BUILTS SHALL INCLUDE ALL NEW CONSTRUCTION AS WELL AS ANY FIELD MODIFICATIONS OF THE PLANS.
   - (E) KEEPING THE PREMISES FREE AND CLEAN OF ALL DEBRIS AND DIRT FROM THE JOB SITE
2. IF DURING THE CONSTRUCTION PROCESS, CONDITIONS ARE ENCOUNTERED WHICH INDICATE AN UNIDENTIFIED SITUATION IS PRESENT, THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER IMMEDIATELY.
3. THIS PLAN WAS PREPARED BASED ON INFORMATION PROVIDED BY OTHERS, VORTEX ENGINEERING & ARCHITECTURE, INC. ASSUMES NO RESPONSIBILITY FOR ERRORS DUE TO INCOMPLETE OR INACCURATE SURVEY
4. CONTRACTOR SHALL NOTIFY VORTEX FORTY-EIGHT HOURS PRIOR TO THE START OF ANY CONSTRUCTION.
5. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL LABOR AND MATERIALS NECESSARY FOR COMPLETION OF INTENDED IMPROVEMENTS SHOWN ON THESE DRAWINGS OR DESIGNATED BY NOTE TO BE "PROVIDED," "INSTALLED" OR "CONSTRUCTED" UNLESS SPECIFICALLY NOTED OTHERWISE.
6. THESE GENERAL NOTES SHALL BE APPLICABLE TO ALL SHEETS WITHIN THIS SET OF DRAWINGS.
7. THE CONTRACTOR SHALL HAVE ONE (1) SIGNED COPY OF THE APPROVED PLANS, ONE (1) COPY OF THE APPROPRIATE STANDARDS AND SPECIFICATIONS AND A COPY OF ANY PERMITS AND AGREEMENTS NEEDED AT THE JOB SITE AT ALL TIMES. EACH SUBCONTRACTOR SHALL HAVE A SIGNED COPY OF THE PLANS AND THE APPROPRIATE STANDARDS AND SPECIFICATIONS IN HIS POSSESSION AT ALL TIMES WHEN IMPROVEMENTS ARE BEING INSTALLED.
8. THE CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION FROM ALL UTILITY COMPANIES PRIOR TO ANY DEMOLITION WORK OR DISCONNECTION OF ANY SERVICE. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND COMPLYING WITH ALL REQUIREMENTS OF THE RESPECTIVE UTILITY COMPANIES.
9. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES WHICH ARE TO REMAIN IN SERVICE, INCLUDING BUT NOT LIMITED TO PUBLIC SERVICE, GAS, ELECTRIC LINES, TELEPHONE LINES AND WATER LINES.
10. CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS BEFORE THE START OF CONSTRUCTION.
11. NO HAZARDOUS MATERIALS WILL BE STORED ON SITE.

SITE DATA

PROPERTY OWNER:
4-0 EMBARK #2 LIC
13849 GRANDE RONDE RIVER ROAD
ANATONE, WA 99401

PROPERTY APPLICANT:
FEDEX GROUND PACKAGE SYSTEM, INC
1000 FEDEX DRIVE
MOON TOWNSHIP, PA 15108-9373

PARCEL ID NUMBER:
RPP0441009000HA

ZONING:
I-INDUSTRIAL

EXISTING PARCEL SIZE:
142,877± SQUARE FEET (3.28± ACRES)

TOTAL GROUND DISTURBED AREA:
2,215± SQUARE FEET (0.05± ACRES)

OCCUPANCY CLASSIFICATION:
B

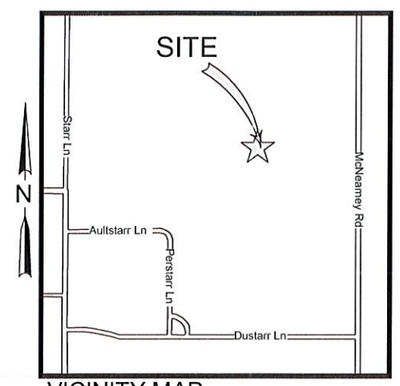
BUILDING TYPE:
II-B

FLOOD ZONE:
ZONE X (FLOOD MAP 16017C0716E) DATED 11/18/2009

LEGEND

4550	EXISTING CONTOUR
	PROPERTY BOUNDARY
	LOT SETBACKS
	PROPOSED LOT LINE
	EASEMENT
	EX EDGE OF ASPHALT
	RIGHT-OF-WAY
W	PROPOSED WATER LINE
W	EXISTING WATER LINE
X	EXISTING FENCE
E	EXISTING ELECTRIC LINE
G	EXISTING GAS LINE
EGTC	PROPOSED DRY UTILITIES
	EXISTING CONCRETE
	PROPOSED ASPHALT
	EXISTING ELECTRICAL PANEL
	EXISTING BOLLARD / FIRE HYDRANT
	EXISTING TREE / IRRIGATION DOLE VALVE
CO	CLEAN OUT / SIGNS
G	GAS METER / GAS VALVE
E	ELECTRIC METER / TRANSFORMER
T	TELEPHONE PEDESTAL / TELEPHONE MANHOLE
	POLE MOUNT LIGHT / WALL MOUNT LIGHTS
	STREET LIGHT / POWER POLE
W	WATER METER / WATER VALVE

VICINITY MAP



VICINITY MAP

LEGAL DESCRIPTION

2-57N-2W STARRS ACREAGE W 406FT OF S 352FT BLK 9 & VACATED ST FED EX GROUND

PROJECT OVERVIEW

CONSTRUCTION OF NEW DOCK DOOR OPENING TO INCREASE THE FACILITIES PACKAGE HANDLING CAPACITY

SHEET INDEX

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C3.0	GRADING PLAN			
C4.0	STORMWATER MANAGEMENT PLAN			
C5.0	DETAILS			
C5.1	DETAILS			

DESIGN TEAM

CIVIL ENGINEER
VORTEX ENGINEERING, INC.
861 ROOD AVENUE
GRAND JUNCTION, CO 81501
PHONE (970) 245-9051

SURVEYOR
HMH ENGINEERING AND SURVEYING
476864 US-95 SUITE C
PONDERAY, IDAHO 83852
PHONE (208) 635-5825

CITY OF PONDERAY ADOPTED STATE BUILDING CODES:
- 2018 IBC: INTERNATIONAL BUILDING CODE
- 2018 IEBC: INTERNATIONAL EXISTING BUILDING CODE
- 2018 IECC: INTERNATIONAL ENERGY CONSERVATION CODE
- 2018 IMC: INTERNATIONAL MECHANICAL CODE
- 2018 IFC: INTERNATIONAL FIRE CODE
- 2018 IFGC: INTERNATIONAL FUEL GAS CODE
- 2017 NEC: INTERNATIONAL ENERGY CODE
- 2017 IPC: INTERNATIONAL PLUMBING CODE

CITY OF PONDERAY DESIGN CRITERIA:
- GROUND SNOW LOAD: 104 LBS PER SQUARE FOOT
- WIND SPEED: 90 MPH
- SEISMIC DESIGN CATEGORY: C
- FROST LINE DEPTH: 24"
- WINTER DESIGN TEMPERATURE: -10°F

SUBJECT TO DAMAGE FROM:
- WEATHERING: SEVERE
- TERMITE DAMAGE: NONE TO SLIGHT
- DECAY: NONE

CITY OF PONDERAY SETBACKS:
- ALL SETBACKS ARE 25' FROM EDGE OF ABUTTING PROPERTY

RECEIVED
SM22-092
JUL 26 2022
PLANNING OFFICE
CITY OF PONDERAY

LOCATION OF UTILITIES SHOWN HEREON WAS PROVIDED BY OTHERS. CONTRACTOR MUST VERIFY LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.

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FedEx Ground
Ponderay, Idaho

VORTEX ENGINEERING, INC.
• CONSTRUCTION MANAGERS & SITE PLANNERS
• CIVIL & CONSULTING ENGINEERS
861 Rood Avenue
Grand Junction, CO 81501
Phone: (970) 245-9051

R.W. JONES II
PROFESSIONAL ENGINEER
IDAHO LICENSE No. 20038

PROFESSIONAL ENGINEER LICENSED 20038 7-11-22 STATE OF IDAHO ROBERT W. JONES II

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STATE COA NO: 4194

REV. #	DATE	COMMENT	BY

Cover Sheet
FedEx Ground Facility
Sandpoint
195 McNearney Road
Ponderay, Idaho 83852

PROJECT NO. F22-022
DATE: 07/11/2022
f22-020 cover.dwg

~SHEET~
C0.0

GENERAL NOTES:

1. THESE GENERAL NOTES SHALL BE APPLICABLE TO ALL SHEETS WITHIN THIS SET OF DRAWINGS.
2. ALL CONSTRUCTION WITHIN THE PUBLIC RIGHT-OF-WAY REQUIRES INSPECTION BY THE GOVERNING AGENCY. CONTRACTOR MUST CONTACT THE APPROPRIATE AGENCY PRIOR TO CONSTRUCTION IN THE RIGHT-OF-WAY.
3. PLANNING PERMIT APPROVAL MUST BE OBTAINED BY INDIVIDUAL LOT OWNERS PRIOR TO CONSTRUCTION. THE LOT OWNER MUST SUBMIT A PROPOSED DRAINAGE PLAN OF EACH SITE TO THE GOVERNING AGENCY FOR REVIEW.
4. EXISTING WATER, SANITARY, AND STORM SEWER LINES ARE SHOWN BASED ON BEST AVAILABLE INFORMATION. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL VERIFY PERTINENT LOCATIONS AND ELEVATIONS SPECIFICALLY AT CONNECTION POINTS AND AT POTENTIAL POINTS OF CONFLICT. ALL INFORMATION SHALL BE SUPPLIED TO THE ENGINEER PRIOR TO CONSTRUCTION.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR:
   (A) CONTACTING THE APPROPRIATE AGENCY TO ARRANGE A PRE-CONSTRUCTION MEETING AT LEAST 72 HOURS PRIOR TO THE START OF CONSTRUCTION.
   (B) OBTAINING ALL PERMITS FOR STREET CUTS, UTILITIES CONSTRUCTION AND GRADING. THE COST OF ALL PERMITS SHALL BE INCLUDED AS PART OF THE CONTRACTOR'S BID.
   (C) COORDINATING WITH ALL UTILITY COMPANIES INVOLVED WITH REGARD TO RELOCATIONS OR ADJUSTMENTS OF EXISTING UTILITIES DURING CONSTRUCTION TO ASSURE THAT THE WORK IS ACCOMPLISHED IN A TIMELY FASHION AND WITH A MINIMUM DISRUPTION OF SERVICE. ADVANCE COORDINATION BY THE CONTRACTOR TO ALL UTILITY COMPANIES INVOLVED SHALL BE REQUIRED FOR ANY SERVICE INTERRUPTIONS. CONTRACTOR SHALL NOTIFY THE ENGINEER, PROJECT MANAGER AND THE UTILITY COMPANY 48 HOURS PRIOR TO START OF CONSTRUCTION. NO UTILITY TAPS SHALL BE MADE WITHOUT WRITTEN AUTHORIZATION BY THE UTILITY COMPANY AND THE APPROPRIATE GOVERNING AGENCY.
   (D) VERIFICATION OF ALL OTHER UNDERGROUND FACILITIES WHICH MAY BE AFFECTED BY THIS PROJECT AND REPAIR THEREOF IN CASE OF DAMAGE.
   (E) CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANIES TO OBTAIN TEMPORARY POWER AND TELEPHONE SERVICE DURING CONSTRUCTION. ALL COST FOR TEMPORARY SERVICES SHALL BE THE CONTRACTORS RESPONSIBILITY.
   (F) RESTORATION OF DISTURBED STREET PAVEMENT AS REQUIRED BY THE APPROPRIATE GOVERNING AGENCY.
   (G) ALL PROJECT SAFETY INCLUDING, BUT NOT LIMITED TO, TRENCH EXCAVATION AND SHORINGS, TRAFFIC CONTROL, AND SECURITY.
   (H) COORDINATING ALL WORK AND INSPECTIONS AS REQUIRED BY THE CITY, COUNTY OR THE STATE.
   (I) OBTAINING NECESSARY PERMITS FROM THE DEPARTMENT OF TRANSPORTATION FOR ALL WORK IN AND ADJACENT TO STATE RIGHT-OF-WAY.
   (J) KEEPING ADJACENT STREETS FREE AND CLEAN OF ALL DEBRIS AND DIRT FROM THE JOB SITE.
   (K) KEEPING ONE (1) SIGNED COPY OF THE APPROVED PLANS, ONE (1) COPY OF THE APPROPRIATE STANDARDS AND SPECIFICATIONS AND A COPY OF ANY PERMITS AND EXTENSION AGREEMENTS NEEDED AT THE JOB SITE AT ALL TIMES. EACH SUBCONTRACTOR (INCLUDING THE SURVEYOR) SHALL HAVE A SIGNED COPY OF THE PLANS AND THE APPROPRIATE STANDARDS AND SPECIFICATIONS IN HIS POSSESSION AT ALL TIMES WHEN IMPROVEMENTS ARE BEING INSTALLED.
   (L) RECORDING AS-BUILT INFORMATION ON A SET OF RECORD DRAWINGS KEPT ON THE CONSTRUCTION SITE. AS-BUILTS SHALL INCLUDE UNDERGROUND UTILITIES AS WELL AS ANY FIELD MODIFICATIONS OF THE PLANS.
   (M) PROVIDING ALL LABOR AND MATERIALS NECESSARY FOR COMPLETION OF INTENDED IMPROVEMENTS SHOWN ON THESE DRAWINGS OR DESIGNATED BY NOTE TO BE "PROVIDED," "INSTALLED" OR "CONSTRUCTED" UNLESS SPECIFICALLY NOTED OTHERWISE.
   (N) HAVING A COPY OF APPROVED SOILS REPORTS FOR PAVEMENT DESIGN AND COMPACTION REQUIREMENTS, AND FOR FOLLOWING ALL RECOMMENDATIONS CONTAINED WITHIN THE SOILS REPORT.
   (O) VERIFYING THE ACCURACY OF THE VERTICAL BENCHMARK INFORMATION. CONTRACTOR SHALL USE BENCHMARKS AND DATUMS SHOWN HEREON TO SET PROJECT BENCHMARK(S), BY RUNNING A LEVEL LOOP BETWEEN AT LEAST TWO BENCHMARKS, AND SHALL PROVIDE SURVEY NOTES OF SUCH TO PROJECT ENGINEER PRIOR TO COMMENCING CONSTRUCTION.
6. IF DURING THE CONSTRUCTION PROCESS, CONDITIONS ARE ENCOUNTERED WHICH INDICATE AN UNIDENTIFIED SITUATION IS PRESENT, THE CONTRACTOR SHALL CONTACT THE ENGINEER IMMEDIATELY.
7. TWO WORKING DAYS BEFORE YOU DIG, GRADE, OR EXCAVATE, CALL THE APPROPRIATE UTILITY NOTIFICATION CENTER FOR THE MARKING OF MEMBER UNDERGROUND UTILITIES. THE UTILITIES SHOWN ON THESE PLANS ARE PLOTTED BASED ON AVAILABLE INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION, AND REPAIR OF ANY EXISTING UTILITIES WHETHER SHOWN ON THE PLANS OR NOT. ANY UTILITY DAMAGED BY CONSTRUCTION SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
8. THIS PLAN WAS PREPARED BASED ON SURVEY INFORMATION PROVIDED BY A LICENSED SURVEYOR. VORTEX ENGINEERING, INC. ASSUMES NO RESPONSIBILITY FOR ERRORS DUE TO INCOMPLETE OR INACCURATE SURVEY INFORMATION.
9. SUBGRADE DENSITY SHALL BE TESTED BY A PRIVATE SOILS TESTING FIRM AND APPROVED BY THE SOILS ENGINEER PRIOR TO INSTALLING BASE COURSE, ASPHALT AND CONCRETE. BASE COURSE DENSITY SHALL ALSO BE TESTED BY THE PRIVATE GEOTECHNICAL FIRM AND APPROVED BY THE SOILS ENGINEER PRIOR TO INSTALLING PAVEMENT.
10. COMPACTED ASPHALT PAVEMENT DENSITY TESTING SHALL BE PREFORMED AT THE TIME OF PLACEMENT.
11. THIS DRAWING DOES NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND ALL RULES AND REGULATIONS THERETO APPURTENANT.

DEMOLITION NOTES:

1. THE CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION FROM ALL UTILITY COMPANIES PRIOR TO ANY DEMOLITION WORK OR DISCONNECTION OF ANY SERVICE. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND COMPLYING WITH ALL REQUIREMENTS OF THE RESPECTIVE UTILITY COMPANIES.
2. ALL UTILITIES INCLUDING STORM SEWER, SANITARY SEWER AND WATER MAINS SHALL BE COMPLETELY REMOVED FROM THE GROUND UNLESS OTHERWISE SPECIFIED. NO EXISTING UTILITY, STRUCTURES OR UNDERGROUND IMPROVEMENT SHALL BE ABANDONED IN PLACE WITHOUT THE WRITTEN PERMISSION OF THE ENGINEER, OWNER AND GOVERNING AGENCY.
3. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES WHICH ARE TO REMAIN IN SERVICE. INCLUDING BUT NOT LIMITED TO GAS, ELECTRIC, CABLE AND TELEPHONE SERVICES.
4. ALL STRUCTURE INCLUDING BASEMENT WALLS AND FLOOR SLABS SHALL BE COMPLETELY REMOVED FROM THE SITE.
5. ALL DEMOLITION WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL STATE AND LOCAL CODES AND REQUIREMENTS. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR COMPLIANCE WITH ALL REQUIREMENTS INCLUDING BUT NOT LIMITED TO HAZARDOUS MATERIALS, DISPOSAL, HOURS OF OPERATION.
6. ALL EROSION CONTROL MEASURES DESIGNED FOR THE SITE PERIMETER OR TO PROTECT EXISTING IMPROVEMENTS SHALL BE IN PLACE PRIOR TO THE START OF ANY DEMOLITION ACTIVITIES.
7. THE CONTRACTOR SHALL OBTAIN AND REVIEW THE ENVIRONMENTAL STUDIES PROVIDED BY THE OWNER AND TAKE ALL NECESSARY PRECAUTIONS FOR ENVIRONMENTAL SAFETY DURING DEMOLITION ACTIVITIES. IT SHALL ALSO BE THE RESPONSIBILITY OF THE CONTRACTOR TO INSPECT THE EXISTING STRUCTURES FOR ANY OTHER CONDITIONS WHICH MAY AFFECT THE DEMOLITION PROCEDURES.
8. ANY CONDITIONS WHICH MAY BE UNCOVERED DURING THE PROCESS OF DEMOLITION SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER IMMEDIATELY. ADDITIONAL EXPENSES INCURRED BY UNFORESEEN CONDITIONS SHALL BE APPROVED BY THE OWNER PRIOR TO THE ADDITIONAL WORK.
9. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INSPECT THE PROPERTY FOR THE TYPE AND QUANTITY OF DEMOLITION REQUIRED, PRIOR TO SUBMISSION OF A BID.
10. THE CONTRACTOR SHALL HAVE WATER ON SITE FOR DUST ABATEMENT AT ALL TIMES DURING CONSTRUCTION ACTIVITIES.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE APPROPRIATE DISPOSAL OF ALL DEBRIS. BURNING ON SITE SHALL NOT BE PERMITTED. NO DEBRIS INCLUDING CONCRETE OR ASPHALT MAY BE PLACED IN ANY FILL AREA.
12. ANY DAMAGE TO PUBLIC UTILITIES OR ADJACENT PROPERTIES AS A RESULT OF THE DEMOLITION ACTIVITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. REPAIRS SHALL BE MADE IN A TIMELY MANNER TO THE SATISFACTION OF THE DAMAGED PARTY.
13. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE OWNER WITH DOCUMENTATION OF THE CONDITION OF EXISTING IMPROVEMENTS TO REMAIN IN PLACE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REPAIRS NOT DOCUMENTED AS PRE-EXISTING. DOCUMENTATION SHALL BE PROVIDED PRIOR TO COMMENCEMENT OF WORK.
14. ALL EXISTING UTILITY SERVICES SHALL BE COMPLETELY REMOVED FROM THE SITE. SERVICE SHALL BE CUT AND PLUGGED AT THE PROPERTY LINE IN ACCORDANCE WITH THE APPLICABLE STANDARDS AND SPECIFICATIONS. THE DEMOLITION CONTRACTOR SHALL CLEARLY MARK ALL STUBS AT THE PROPERTY LINE WITH A 4 X 4 WOOD POST (MINIMUM 4' ABOVE GRADE, 4' BELOW GRADE) MARKED WITH THE SERVICE TYPE.
15. ALL EXISTING WELLS SHALL BE CAPPED AND ABANDONED IN ACCORDANCE WITH ALL STATE REQUIREMENTS. IT IS THE CONTRACTORS RESPONSIBILITY TO FOLLOW ALL REQUIRED PROCEDURES, FILE ALL REQUIRED FORMS, APPLICATIONS AND REPORTS, AND OBTAIN ALL REQUIRED APPROVALS FROM THE STATE ENGINEER'S OFFICE.
16. DURING THE COURSE OF DEMOLITION, CONTRACTOR SHALL PROVIDE SECURITY FENCING AND OTHER PRECAUTIONARY SAFETY MEASURE AS NECESSARY.

EROSION CONTROL NOTES:

1. REFER TO APPLICABLE CITY OR COUNTY CONSTRUCTION STANDARDS & SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
2. AT ALL TIMES DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREVENTING AND CONTROLLING EROSION DUE TO WIND AND RUNOFF. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR MAINTAINING EROSION CONTROL FACILITIES SHOWN.
3. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED DUE TO UNFORESEEN PROBLEMS OR IF THE PLAN DOES NOT FUNCTION AS INTENDED. A JURISDICTION REPRESENTATIVE MAY REQUIRE ADDITIONAL CONTROL DEVICES UPON INSPECTION OF PROPOSED FACILITIES.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING DRAINAGE AND EROSION CONTROL FACILITIES AS REQUIRED, STREETS SHALL BE KEPT CLEAN OF DEBRIS FROM TRAFFIC FROM THE SITE.
5. ALL AREAS DISTURBED DURING CONSTRUCTION SHALL BE PAVED, SEEDED WITH NATIVE VEGETATION OR LANDSCAPED. REFER TO LANDSCAPE PLANS FOR SEED MIX AND PLANTING SPECIFICATIONS.
6. EROSION CONTROL STRUCTURES BELOW SODDED AREAS MAY BE REMOVED ONCE SOD AND FINAL LANDSCAPING IS IN PLACE. EROSION CONTROL STRUCTURES BELOW SEEDED AREAS MUST REMAIN IN PLACE UNTIL THE ENTIRE AREA HAS ESTABLISHED A MATURE COVERING OF HEALTHY VEGETATION. EROSION CONTROL IN PROPOSED PAVED AREAS SHALL REMAIN IN PLACE UNTIL PAVEMENT IS COMPLETE.
7. THIS PLAN IS ONLY TO BE USED FOR INSTALLATION OF EROSION CONTROL FACILITIES. DO NOT USE THIS PLAN FOR GRADING OR STORM SEWER CONSTRUCTION.
8. CONTRACTOR SHALL USE VEHICLE TRACKING CONTROL AT ALL LOCATIONS WHERE VEHICLE WILL ENTER OR EXIT THE SITE. CONTROL FACILITIES WILL BE MAINTAINED WHILE CONSTRUCTION IS IN PROGRESS, MOVED WHEN NECESSARY AND REMOVED WHEN THE SITE IS PAVED.
9. INLET PROTECTION DEVICES SHALL BE INSTALLED IMMEDIATELY UPON INDIVIDUAL INLET'S BECOMING FUNCTIONAL.
10. ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH GRADING AND/OR UTILITY CONSTRUCTION SHALL OBTAIN A COPY OF THE STORM WATER MANAGEMENT PLAN (SWMP) AND ANY OTHER DOCUMENTATION REGARDING "STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY" AND BECOME FAMILIAR WITH THEIR CONTENTS.
11. THE TEMPORARY PARKING AND STORAGE AREA SHALL ALSO BE USED AS THE EQUIPMENT MAINTENANCE AREA, EQUIPMENT CLEANING AREA. EMPLOYEE BREAK AREA, AND AREA FOR LOCATING PORTABLE FACILITIES, OFFICE TRAILERS, AND TOILET FACILITIES.
12. ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING, ETC.) SHALL BE DISPOSED OF IN A MANNER THAT PREVENTS CONTACT WITH STORM WATER DISCHARGES FROM THE SITE.
13. MAINTAIN ON THE SITE OR HAVE READILY AVAILABLE SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS.
14. FUGITIVE DUST BLOWING FROM THE SITE SHALL BE CONTROLLED BY SPRAYING WATER ON DRY AREAS OF THE SITE. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS ABSOLUTELY PROHIBITED.
15. NO RUBBISH, TRASH, GARBAGE, OR OTHER SUCH MATERIALS SHALL BE DISCHARGED INTO DRAINAGE DITCHES OR WATERS OF THE STATE.
16. ALL MEASURES PRESENTED IN THE SWMP SHALL BE INITIATED AS SOON AS PRACTICABLE.
17. IF THE GRAVEL CONSTRUCTION ENTRANCES ARE NOT EFFECTIVE IN REMOVING THE MAJORITY OF DIRT OR MUD FROM THE TIRES OF THE CONSTRUCTION VEHICLES, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES ENTER A PUBLIC ROAD. IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP AND THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE.
18. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.
19. IF SOIL STOCKPILING IS EMPLOYED ON THE SITE, SILT FENCES SHALL BE USED TO HELP CONTAIN THE SEDIMENT.
20. SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.
21. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE DISPOSED OF WITHIN 30 DAYS AFTER FINAL STABILIZATION. FINAL STABILIZATION HAS OCCURRED WHEN ALL SOIL DISTURBING ACTIVITIES ARE COMPLETED AND A UNIFORM PERENNIAL VEGETATIVE COVER WITH A DENSITY OF 70% OF THE COVER FOR UNPAVED AREAS AND AREAS NOT COVERED BY PERMANENT STRUCTURES HAS BEEN EMPLOYED.
22. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION CONTROL MEASURES (SILT FENCES, STRAW BALES, ETC.) DUE TO GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT.
23. ALL OFF-SITE CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH WORKING DAY. THIS INCLUDES BACKFILLING OF TRENCHES FOR STORM DRAIN CONSTRUCTION AND PLACEMENT OF GRAVEL OR BITUMINOUS PAVING FOR ROAD CONSTRUCTION.

EROSION CONTROL MAINTENANCE NOTES:

1. REFER TO APPLICABLE CITY OR COUNTY CONSTRUCTION STANDARDS & SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
2. ALL MEASURES CONTAINED IN THIS PLAN SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL FINAL STABILIZATION OF THE SITE. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A RAINFALL EVENT, AND SHOULD BE CLEANED AND REPAIRED IN ACCORDANCE WITH THE FOLLOWING:
3. STRAW BALE INLET PROTECTION DEVICES AND BARRIERS SHALL BE FIXED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING, OR SHALL BE REPLACED IF THEY SHOW SIGNS OF DETERIORATION.
4. ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, RE-SEEDED, AND WATERED AS NEEDED.
5. SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES ONE-THIRD TO ONE-HALF THE HEIGHT OF THE SILT FENCE.
6. THE CONSTRUCTION ENTRANCES SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION ENTRANCES AS CONDITIONS DEMAND.
7. THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AREA AS CONDITIONS DEMAND.
8. OUTLET STRUCTURES IN THE SEDIMENTATION BASINS SHALL BE MAINTAINED IN OPERATIONAL CONDITIONS AT ALL TIMES, SEDIMENT IN THE SEDIMENTATION BASINS SHALL NOT EXCEED THE SEDIMENTATION CLEANOUT LEVEL.
9. IF THE STONES IN THE GRAVEL CURB INLET SEDIMENT FILTERS BECOME CLOGGED WITH SEDIMENT, THE STONES MUST BE PULLED AWAY, CLEANED AND REPLACED.
10. THE EMBANKMENT OF THE SEDIMENTATION BASIN SHALL BE CHECKED REGULARLY TO INSURE THAT IT IS STRUCTURALLY SOUND AND HAS NOT BEEN DAMAGED BY EROSION OR CONSTRUCTION EQUIPMENT.
11. THE TEMPORARY SEDIMENT TRAP AND SEDIMENTATION BASIN STRUCTURES SHALL BE CHECKED REGULARLY TO INSURE THAT THEY ARE STRUCTURALLY SOUND AND HAVE NOT BEEN DAMAGED BY EROSION OR CONSTRUCTION EQUIPMENT. SEDIMENT DEPOSITION SHALL BE REMOVED PERIODICALLY TO ENSURE FULL VOLUME IS AVAILABLE IN THE POND.

GRADING NOTES:

1. REFER TO APPLICABLE CITY OR COUNTY CONSTRUCTION STANDARDS & SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
2. CONTOURS SHOWN ARE FOR FINISHED PAVING, SIDEWALK, SLAB, OR GROUND. ADJUSTMENT TO SUBGRADE IS THE CONTRACTOR'S RESPONSIBILITY. CONTOUR INTERVAL = 1 FOOT UNLESS OTHERWISE NOTED ON PLANS.
3. ALL DISTURBED AREAS THAT ARE UNSURFACED OR ARE NOT DESIGNATED AS LANDSCAPE AREAS ARE TO BE SEEDED, FERTILIZED, AND WATERED UNTIL A HEALTHY STAND OF GRASS IS OBTAINED.
4. IF DURING THE OVERLOT GRADING PROCESS, CONDITIONS ARE ENCOUNTERED WHICH COULD INDICATE AN UNIDENTIFIED SITUATION IS PRESENT, THE SOILS ENGINEER SHALL BE CONTACTED FOR RECOMMENDATIONS.
5. SITE GRADING SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND STANDARDS OF THE GOVERNING AGENCY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND REPLACING ALL SOFT, YIELDING OR UNSUITABLE MATERIALS AND REPLACING WITH SUITABLE MATERIALS. ALL EXCAVATED OR FILLED AREAS SHALL BE COMPACTED TO 95% OF MODIFIED PROCTOR MAXIMUM DENSITY PER A.S.T.M. TEST D-1557. MOISTURE CONTENT AT TIME OF PLACEMENT SHALL NOT EXCEED 2% ABOVE NOR 3% BELOW OPTIMUM. CONTRACTOR SHALL SUBMIT A COMPACTION REPORT PREPARED BY A QUALIFIED, LICENSED, SOILS ENGINEER, CERTIFYING THAT THE SUBBASE WITHIN THE AREAS TO BE PAVED HAS BEEN COMPACTED IN ACCORDANCE WITH THESE PLANS AND SPECS.
6. NO PROPOSED SLOPE SHALL EXCEED THREE (3) HORIZONTAL TO ONE (1) VERTICAL. ALL SLOPED AREAS MUST BE PROTECTED FROM EROSION.
7. IF STRIPPED MATERIALS CONSISTING OF VEGETATION AND ORGANIC MATERIALS ARE STOCKPILED ON THE SITE. TOPSOIL MAY BE PLACED TO A HEIGHT OF FIVE FEET. SILT FENCE SHALL BE PLACED AROUND THE BASE OF THE STOCKPILE AND THE STOCKPILE SHALL BE SEEDED WITH NATIVE SEED MIX IMMEDIATELY AFTER STRIPPING OPERATIONS ARE COMPLETE.
8. ON-SITE MATERIALS SUITABLE FOR FILL BENEATH DRIVES, AND PARKING AREAS BEYOND 5' OF THE BUILDING SHALL BE COMPACTED IN ACCORDANCE WITH THE GUIDELINES PRESENTED IN THE SOILS REPORT.
9. CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF EXISTING TOPOGRAPHY AND UTILITY INVERT ELEVATIONS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION. CONTRACTOR TO ENSURE 0.75% MIN. SLOPE AGAINST ALL GUTTERS TO PREVENT PUDDLING. ANY DISCREPANCIES SHALL BE PROVIDED TO THE ENGINEER IN WRITING IMMEDIATELY.
10. SUBBASE MATERIAL FOR SIDEWALKS, CURB, OR ASPHALT SHALL BE FREE OF ORGANICS AND OTHER UNSUITABLE MATERIALS. SHOULD SUBBASE BE DEEMED UNSUITABLE, SUBBASE IS TO BE REMOVED AND FILLED WITH APPROVED FILL MATERIAL COMPACTED TO 95% OPTIMUM DENSITY (AS DETERMINED BY MODIFIED PROCTOR METHOD).
11. SPOT ELEVATIONS REPRESENT FLOWLINE OR TOP OF ASPHALT UNLESS OTHERWISE NOTED.
12. SPOT ELEVATIONS SHALL TAKE PRECEDENCE OVER CONTOURS AND SLOPES SHOWN. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF SPOT ELEVATIONS WHICH DO NOT APPEAR TO BE CONSISTENT WITH THE CONTOURS AND SLOPES. SPOT ELEVATIONS AND SPECIFIC PROFILE DESIGN SHALL BE USED FOR SETTING ELEVATIONS OF CURB AND GUTTER AND UTILITIES.
13. ALL UTILITIES (MANHOLES, VALVE COVERS, CLEANOUTS, VAULTS, BOXES, ETC.) SHALL BE ADJUSTED TO FINAL GRADE PRIOR TO THE FINAL LIFT OF ASPHALT.
14. ALL EARTH MOVING AND PLACEMENT OPERATIONS SHALL BE IN CONFORMANCE WITH THE RECOMMENDATIONS IDENTIFIED IN THE SOILS REPORT. THE CONTRACTOR SHALL HAVE A SIGNED AND SEALED COPY OF THE SOILS REPORT ON THE SITE AT ALL TIMES.
15. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING HIS OWN ESTIMATE OF EARTHWORK QUANTITIES.
16. WHERE NEW CURB AND GUTTER IS BEING CONSTRUCTED ADJACENT TO EXISTING ASPHALT, THE FOLLOWING SHALL APPLY: PRIOR TO PLACEMENT OF ANY CONCRETE THE CONTRACTOR SHALL HAVE A LICENSED SURVEYOR VERIFY GRADE AND CROSS SLOPE OF THE CURB AND GUTTER FORMS. THE CONTRACTOR SHALL SUBMIT THE SLOPES AND GRADES TO THE ENGINEER FOR APPROVAL PRIOR TO PLACEMENT OF CONCRETE. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY SECTION WHICH DOES NOT CONFORM TO THE DESIGN OR TYPICAL CROSS SECTION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CURB AND GUTTER POURS WITHOUT APPROVAL OF THE ENGINEER.
17. MAINTENANCE OF ANY STORMWATER MANAGEMENT FACILITY SHALL BE IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL GUIDELINES FOR PRIVATE STORMWATER MANAGEMENT FACILITIES AND SHALL BE THE RESPONSIBILITY OF THE OWNER AND THE ASSIGNEES.
18. SURFACE RESTORATION SHALL BE AS FOLLOWS:
   (A) FINE GRADE ALL AREAS DISTURBED BY THE CONSTRUCTION OPERATIONS AFTER COMPLETION OF BACKFILLING AND COMPACTING. AREAS WHICH ARE TO RECEIVE PAVEMENTS, SURFACING, TOPSOIL OR LANDSCAPING SHALL BE GRADED AS REQUIRED TO ALLOW INSTALLATION OF THE SPECIFIC SURFACE TREATMENT. GRADE ALL OTHER AREAS TO MATCH THE EXISTING GROUND LINE.
   (B) REPLACE AND REPAIR ANY SURFACE IMPROVEMENTS DAMAGED OR REMOVED. CONFORM TO CITY STANDARDS & SPECIFICATIONS.
19. BITUMINOUS PAVEMENT
   (A) BITUMINOUS PAVEMENT SHALL BE REMOVED TO CLEAN STRAIGHT LINES AT THE LOCATIONS INDICATED ON PLANS. WIDTH OF REMOVAL FOR PIPELINES SHALL BE KEPT TO A MINIMUM AS DICTATED BY TRENCHING OPERATIONS, BUT SHALL EXTEND AT LEAST 6 INCHES BEYOND THE LIMITS OF TRENCH EXCAVATION.
   (B) THE CUT SHALL BE MADE WITH PAVEMENT CUTTING WHEEL, SAW OR OTHER APPROVED METHOD, SO AS TO PROVIDE A REASONABLY STRAIGHT AND SQUARE EDGE.

SANITARY SEWER NOTES:

1. REFER TO APPLICABLE CITY OR COUNTY CONSTRUCTION STANDARDS & SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
2. ALL GRAVITY SANITARY SEWER LINES SHALL BE POLYVINYL CHLORIDE PIPE (PVC), ASTM D-3034 SDR.35, SEWER LINE MATERIALS AND CONSTRUCTION SHALL CONFORM TO ASTM STANDARDS AND SPECIFICATIONS.
3. DISTANCES FOR SANITARY SEWER ARE THE HORIZONTAL DISTANCES FROM CENTER OF MANHOLE TO CENTER OF MANHOLE. THEREFORE, DISTANCES SHOWN ON PLANS ARE APPROXIMATE AND COULD VARY DUE TO VERTICAL ALIGNMENT.
4. RIM ELEVATIONS SHOWN ARE APPROXIMATE ONLY AND ARE NOT TO BE TAKEN AS FINAL ELEVATION. PIPELINE CONTRACTOR SHALL USE PRECAST CONCRETE ADJUSTMENT RINGS, GROUT AND STEEL SHIMS TO ADJUST THE MANHOLE FRAME TO THE REQUIRED FINAL GRADE IN CONFORMANCE WITH THE STANDARD SPECIFICATIONS. ALL FRAMES SHALL BE ADJUSTED TO FINAL GRADE PRIOR TO THE FINAL LIFT OF ASPHALT.
5. ALL SANITARY SEWER MAINS TESTING SHALL BE IN ACCORDANCE WITH LOCAL SPECIFICATIONS. COPIES OF ALL TEST RESULTS SHALL BE PROVIDED TO THE ENGINEER, THE OWNER AND THE GOVERNING AUTHORITY PRIOR TO THE START OF THE WARRANTY PERIOD.
6. COMPACTION OF ALL TRENCHES WITHIN THE PROJECT SITE MUST BE ATTAINED AND COMPACTION RESULTS SUBMITTED TO THE ENGINEER PRIOR TO FINAL ACCEPTANCE. .
7. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL EXISTING STRUCTURES AND IMPROVEMENTS DURING INSTALLATION OF THE SANITARY SEWER LINE.
8. THE CONTRACTOR SHALL POTHOLE THE EXISTING SEWER MAIN AND PROVIDE AN AS-BUILT ELEVATION OF THE MAIN TO THE ENGINEER PRIOR TO ANY NEW CONSTRUCTION.
9. SANITARY SEWER PIPES SHALL BE BEDDED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE GOVERNING AGENCY.

STORM SEWER NOTES:

1. REFER TO APPLICABLE CITY OR COUNTY CONSTRUCTION STANDARDS & SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FOLLOWING:
   (A) OBTAINING ALL REQUIRED PERMITS FROM THE CITY, THE DOT, OR ANY REGULATORY AUTHORITY AT THE CONTRACTOR'S COST INCLUDING PERMITS REQUIRED FOR WORK WITHIN THE PUBLIC RIGHT-OF-WAY.
   (B) RESTORATION OF ANY EXISTING IMPROVEMENTS INCLUDING (BUT NOT LIMITED TO) FENCES, SOD, LANDSCAPING, PAVEMENT, SPRINKLER SYSTEMS.
   (C) VERIFICATION AND PROTECTION OF ALL EXISTING UTILITIES WITHIN THE LIMITS OF THE PROJECT.
   (D) PROVIDING AS-BUILT DRAWINGS TO THE CITY AND ENGINEER.
   (E) ALL PERMITTING, DEVELOPMENT, CONNECTION, LOCATION INSPECTION AND TESTING FEES REQUIRED FOR STORM SEWER CONSTRUCTION.
   (F) VERIFYING ALL STANDARD DETAILS CONFORM TO CURRENT CITY/COUNTY STANDARDS AND SPECIFICATIONS.
   (G) FOR OBTAINING AND UNDERSTANDING ALL STANDARDS AND SPECIFICATIONS PERTAINING TO THE CONSTRUCTION OF THE STORM SEWER IMPROVEMENTS.
   (H) FOR SCHEDULING ALL REQUIRED INSPECTIONS.
3. THE CONTRACTOR SHALL POTHOLE THE EXISTING STORM MAIN AND PROVIDE AN AS-BUILT ELEVATION OF THE MAIN TO THE ENGINEER PRIOR TO ANY NEW CONSTRUCTION.
4. STORM SEWER PIPES SHALL BE BEDDED IN ACCORDANCE WITH STANDARDS AND SPECIFICATIONS OF THE GOVERNING AGENCY.
5. THE CONTRACTOR SHALL COORDINATE HIS WORK SCHEDULE WITH THE DITCH COMPANY TO ENSURE ALL DITCH FACILITIES ARE CONSTRUCTED WITHOUT DISRUPTION TO DITCH COMPANY OPERATIONS.
6. ALL STORM SEWER CONSTRUCTION SHALL BE IN CONFORMANCE WITH LOCAL STANDARDS AND SPECIFICATIONS.
7. DISTANCES FOR STORM SEWER ARE THE HORIZONTAL DISTANCES FROM CENTER OF MANHOLE OR INLET TO CENTER OF MANHOLE OR INLET. THEREFORE, DISTANCES SHOWN ON PLANS ARE APPROXIMATE AND COULD VARY DUE TO VERTICAL ALIGNMENT.
8. RIM ELEVATIONS SHOWN ARE APPROXIMATE ONLY AND ARE NOT TO BE TAKEN AS FINAL ELEVATION. PIPELINE CONTRACTOR SHALL USE PRECAST CONCRETE ADJUSTMENT RINGS, GROUT AND STEEL SHIMS TO ADJUST THE MANHOLE FRAME TO THE REQUIRED FINAL GRADE IN CONFORMANCE WITH STANDARD SPECIFICATIONS.
9. ALL FRAMES SHALL BE ADJUSTED TO FINAL GRADE PRIOR TO THE FINAL LIFT OF ASPHALT.
10. MANHOLES SHALL BE PRECAST UNITS FURNISHED WITH STEPS CONFORMING TO ASTM C478 ADEQUATE TO WITHSTAND AASHTO H-20 LOADING. BASES MAY BE PRECAST OR CAST-IN-PLACE. MANHOLE RINGS AND COVERS SHALL BE CAST IRON IN ACCORDANCE WITH ASTM A-48. COVERS SHALL BE DESIGNATED PER LOCAL REQUIREMENTS.
11. COMPACTION OF ALL TRENCHES WITHIN THE PROJECT SITE MUST BE ATTAINED AND COMPACTION RESULTS SUBMITTED OF THE ENGINEER PRIOR TO FINAL ACCEPTANCE. .
12. ALL STORM SEWER MAINS TESTING SHALL BE IN ACCORDANCE WITH LOCAL SPECIFICATIONS. COPIES OF ALL TESTING RESULTS SHALL BE PROVIDED TO THE ENGINEER, THE OWNER AND THE GOVERNING AUTHORITY PRIOR TO THE START OF THE WARRANTY PERIOD.
13. STORM SEWER PIPE SHALL BE CONCRETE PIPE UNLESS SPECIFICALLY DESIGNATED AS ANOTHER TYPE. ANY OTHER PIPE SUBSTITUTION WILL REQUIRE PRIOR APPROVAL OF THE ENGINEER.
14. ALL CONCRETE PIPE SHALL CONFORM TO ASTM C76. ALL PIPE SHALL BE CLASS III WITH CIRCULAR REINFORCING UNLESS OTHERWISE NOTED.

WATER NOTES:

1. ALL WATER LINE CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS AND THE WATER DISTRICT STANDARDS AND SPECIFICATIONS.
2. WATER MAINS SHALL BE C900, MINIMUM DR18 PVC OR APPROVED EQUAL. INSTALLATION OF ALL PIPE, FITTINGS, VALVES, AND SERVICES, INCLUDING TESTING AND DISINFECTION SHALL BE IN ACCORDANCE WITH WATER DISTRICT STANDARDS AND SPECIFICATIONS.
3. DEVELOPER IS RESPONSIBLE FOR INSTALLING METER PITS AND YOKES (PITS AND YOKES SUPPLIED BY WATER DISTRICT)
4. CONSTRUCTION PLANS REQUIRED 48 HOURS BEFORE CONSTRUCTION BEGINS. IF PLANS CHANGE THE DEVELOPER MUST SUBMIT A NEW SET OF PLANS.
5. WATER METERS WILL NOT BE SOLD UNTIL FINAL ACCEPTANCE OF THE WATER INFRASTRUCTURE.
6. ALL WATER METER PITS SHALL BE LOCATED ON OPPOSITE LOT SIDE OF DRY UTILITY TRANSFORMERS AND PEDESTALS. THIS IS A CUSTOMER/CONSUMER SAFETY ISSUE.
7. ALL OFF-SITE IMPROVEMENTS SHALL BE EXTENDED THE FULL LENGTH OF SUBJECT PROPERTY.
8. ABANDONED SERVICES SHALL BE REMOVED AND CAPPED AT MAIN.
9. FIRE HYDRANTS SHALL CONFORM TO THE WATER DISTRICT MATERIAL SPECIFICATIONS. FIRE HYDRANTS ASSEMBLIES SHALL INCLUDE ALL PIPE, FITTINGS, VALVES, MATERIALS, AND LABOR WHICH ARE NECESSARY TO INSTALL THE HYDRANT COMPLETE IN PLACE.
10. WATER MAIN TAPS SHALL BE INSTALLED AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL COORDINATE THIS CONSTRUCTION AND PROVIDE WHATEVER ADDITIONAL CONSTRUCTION IS NECESSARY FOR A COMPLETE INSTALLATION, I.E. TRENCHING, BACKFILL, ASPHALT PATCHING, TRAFFIC CONTROL, ETC.
11. ALL WATER LINES SHALL BE BEDDED AND TRENCHES COMPACTED ACCORDING TO THE GOVERNING AGENCY DETAIL DRAWINGS AND WATER DISTRICT STANDARDS AND SPECIFICATIONS.
12. ALL PVC WATER MAINS SHALL BE INSTALLED WITH WHITE #10 TYPE UF AND USE CABLE SINGLE COPPER CONDUCTOR AS A TRACER WIRE. TRACER WIRE TO EXTEND FROM MAIN TO A CATHODIC PROTECTION BOX LOCATED ON THE RIGHT SIDE OF ALL FIRE HYDRANTS. CHECK WITH LOCAL WATER DISTRICT STANDARDS AND SPECIFICATIONS.
13. ALL WATER MAINS SHALL:
   (A) HAVE CONCRETE THRUST BLOCKING AT ALL TEES, BENDS, PLUGS AND HYDRANTS PER THE WATER DISTRICT STANDARDS AND SPECIFICATIONS.
   (B) HAVE VALVE BOXES RAISED TO FINISHED GRADE PRIOR TO THE FINAL LIFT OF ASPHALT. MAINTAIN ACCESS TO VALVES AT ALL TIMES.
   (C) BE CONSTRUCTED 54" BELOW FINAL GRADE TO TOP OF PIPE, UNLESS OTHERWISE INDICATED.
14. ALL MECHANICAL JOINT FITTINGS SHALL HAVE JOINT RESTRAINTS. ALL FITTINGS SHALL HAVE A MINIMUM PRESSURE RATING OF 250 PSI AND SHALL BE AN 8 MIL MINIMUM THICKNESS POLYETHYLENE MATERIAL PER AWWA STANDARD C-105.
15. WHEN IT IS NECESSARY TO LOWER OR RAISE WATER LINES AT STORM DRAINS, A MINIMUM CLEARANCE OF 1.50 FEET SHALL BE MAINTAINED BETWEEN OUTSIDE OF PIPES UNLESS OTHERWISE NOTED.
16. WATER LINE CROSSINGS AT SANITARY SEWER MAINS SHALL BE IN ACCORDANCE WITH WATER DISTRICT DESIGN AND CONSTRUCTION STANDARDS.
17. THE DISTANCE SHOWN FOR WATER LINE REPRESENT THE HORIZONTAL DISTANCE FROM CENTER OF FITTING TO CENTER OF FITTING, EXCLUDING VALVES. THEREFORE, DISTANCES SHOWN ON THE PLANS ARE APPROXIMATE AND COULD VARY DUE TO VERTICAL ALIGNMENT AND FITTING DIMENSIONS.
18. THE CONTRACTOR SHALL VERIFY INVERT ELEVATIONS OF EXISTING UTILITIES AT CRITICAL LOCATIONS INCLUDING CROSSINGS AND CONNECTIONS.
19. ALL GRAVITY FLOW UTILITY LINES SHALL BE CONSTRUCTED PRIOR TO THE CONSTRUCTION OF OTHER UTILITIES
20. NO TRENCH SHALL BE LEFT IN AN OPEN CONDITION OVERNIGHT. WARNING SIGNS, BARRICADES, AND OTHER TRAFFIC CONTROL SHALL BE IN CONFORMANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) WHERE TRENCHING OPERATIONS ARE IN PUBLIC ROADWAYS.
21. MAINTAIN 10 FEET MINIMUM HORIZONTAL DISTANCE BETWEEN SEWER AND WATER LINES.
22. CONTRACTOR WILL PROVIDE ALL MATERIALS NECESSARY FOR CONSTRUCTION OR INSTALLATION OF PROPOSED IMPROVEMENTS, UNLESS SPECIFICALLY EXCLUDED IN WRITING TO THE OWNER AND ENGINEER PRIOR TO AWARD OF THE CONTRACT.
23. THE CONTRACTOR SHALL HAVE IN HIS POSSESSION AT ALL TIMES ONE (1) SIGNED COPY OF THE PLANS WHICH HAVE BEEN APPROVED BY THE WATER DISTRICT.
24. CONTRACTOR WILL PROVIDE ALL MATERIALS NECESSARY FOR CONSTRUCTION OR INSTALLATION OF PROPOSED IMPROVEMENTS, UNLESS SPECIFICALLY EXCLUDED IN WRITING TO THE OWNER AND ENGINEER PRIOR TO AWARD OF THE CONTRACT.

STREET NOTES:

1. REFER TO APPLICABLE CITY OR COUNTY CONSTRUCTION STANDARDS & SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
2. THE CONTRACTOR SHALL PREPARE ALL TRAFFIC CONTROL PLANS PRIOR TO THE ISSUANCE OF ANY CONSTRUCTION PERMITS FOR WORK WITHIN THE CITY, COUNTY, OR STATE RIGHT-OF-WAYS. THE PLAN SHALL BE PREPARED IN ACCORDANCE WITH THE CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND AS MODIFIED BY THE DOT SUPPLEMENT TO THE MUTCD. THE PLAN SHALL ADDRESS THE REQUIREMENTS FOR ALL SIGNS, BARRICADES, FLAGMEN, LIGHTS, HOURS OF CONSTRUCTION, AND OTHER DEVICES AS NECESSARY FOR SAFE TRAFFIC CONTROL.
3. PRIOR TO THE PLACEMENT OF ANY CONCRETE WHERE NEW CURB AND GUTTER IS BEING CONSTRUCTED ADJACENT TO EXISTING ASPHALT, THE FOLLOWING SHALL APPLY:
   (A) THE CONTRACTOR SHALL HAVE A LICENSED SURVEYOR VERIFY GRADE AND CROSS SLOPE OF THE CURB AND GUTTER FORMS.
   (B) THE CONTRACTOR SHALL SUBMIT THE SLOPES AND GRADES TO THE ENGINEER FOR APPROVAL PRIOR TO PLACEMENT OF CONCRETE.
   (C) THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY SECTION WHICH DOES NOT CONFORM TO THE DESIGN OR THE TYPICAL SECTION.
   (D) THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CURB AND GUTTER POURED WITHOUT APPROVAL OF THE ENGINEER.
4. ALL WORKMANSHIP AND MATERIALS SHALL BE IN CONFORMANCE WITH THE STANDARD SPECIFICATIONS APPLICABLE TO THE PROJECT. THE LATEST EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), THE LATEST STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OF THE APPROPRIATE DEPARTMENT OF TRANSPORTATION (DOT) AND THE LATEST STANDARDS AND SPECIFICATIONS FOR THE CITY OR COUNTY.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING TRAFFIC CONTROL DURING APPLICATION OF PAVEMENT MARKINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING TRAFFIC CONTROL WITH THE CITY, COUNTY OR DOT AND FOR OBTAINING ALL REQUIRED PERMITS.
6. EXISTING CONFLICTING PAVEMENT MARKINGS SHALL BE COMPLETELY REMOVED PER LOCAL DOT STANDARDS.
7. ALL REMOVED TRAFFIC CONTROL SIGNS THAT ARE NOT RESET SHALL BE SALVAGED AND DELIVERED TO THE DOT OR THE COUNTY.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FOLLOWING:
9. OBTAINING ALL REQUIRED PERMITS FROM THE CITY, THE DOT OR REGULATING AUTHORITY AT THE CONTRACTOR'S EXPENSE, INCLUDING PERMITS REQUIRED FOR WORK WITHIN THE PUBLIC RIGHT-OF-WAY.
10. RESTORATION OF ANY EXISTING IMPROVEMENTS INCLUDING (BUT NOT LIMITED TO) FENCES, SOD, LANDSCAPING, PAVEMENT, SPRINKLER SYSTEMS.
11. CONTRACTOR MUST NOTIFY THE LOCAL AUTHORITY'S TRAFFIC OPERATIONS SUPERVISOR PRIOR TO CONSTRUCTION OR PLACEMENT OF TRAFFIC CONTROL DEVICES/FEATURES (STRIPING, SIGNALS, MEDIANS, ETC..)

UTILITY NOTES:

1. REFER TO APPLICABLE CITY OR COUNTY CONSTRUCTION STANDARDS & SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
2. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL OF THE DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THE PROJECT WORK SCOPE PRIOR TO THE INITIATION OF CONSTRUCTION. SHOULD THE CONTRACTOR FIND A CONFLICT WITH THE DOCUMENTS RELATIVE TO THE SPECIFICATIONS OR THE RELATIVE CODES, IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE PROJECT ENGINEER OF RECORD IN WRITING PRIOR TO THE START OF CONSTRUCTION. FAILURE BY THE CONTRACTOR TO NOTIFY THE PROJECT ENGINEER SHALL CONSTITUTE ACCEPTANCE OF FULL RESPONSIBILITY BY THE CONTRACTOR TO COMPLETE THE SCOPE OF WORK AS DEFINED BY THE DRAWINGS AND IN FULL COMPLIANCE WITH LOCAL REGULATIONS AND CODES.
3. LOCATION OF ALL EXISTING AND PROPOSED SERVICES ARE APPROXIMATE AND MUST BE CONFIRMED INDEPENDENTLY WITH LOCAL UTILITY COMPANIES PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION OR EXCAVATION. SANITARY SEWER AND ALL OTHER UTILITY SERVICES CONNECTION POINTS SHALL BE CONFIRMED INDEPENDENTLY BY THE CONTRACTOR IN FIELD PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. ALL DISCREPANCIES SHALL BE REPORTED IMMEDIATELY IN WRITING TO THE ENGINEER. CONSTRUCTION SHALL COMMENCE BEGINNING AT THE LOWEST POINTS. CROSSINGS WITH EXISTING UNDERGROUND INSTALLATIONS SHALL BE FIELD VERIFIED BY TEST PIT PRIOR TO COMMENCEMENT OF CONSTRUCTION.
4. UTILITY TRENCHES ARE TO BE SLOPED OR BRACED AND SHEETED AS NECESSARY FOR THE SAFETY OF THE WORKMEN AND THE PROTECTION OF OTHER UTILITIES IN COMPLIANCE WITH APPLICABLE STATE AND FEDERAL REQUIREMENTS.
5. MAINTENANCE OF ANY STORMWATER MANAGEMENT FACILITY DURING CONSTRUCTION SHALL BE IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL GUIDELINES FOR PRIVATE STORMWATER MANAGEMENT FACILITIES AND SHALL BE THE RESPONSIBILITY OF THE OWNER AND THE ASSIGNEES.
6. ALL STORM DRAINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITION OF THE GENERAL CONDITIONS AND STANDARDS AND SPECIFICATIONS OF THE CITY OR COUNTY.
7. FOR TYPES OF STRUCTURES, REFER TO THE LATEST STORMWATER MANAGEMENT STANDARD DETAILS FOR THE DOT AND THE CITY UNLESS OTHERWISE NOTED.
8. TRENCHES FOR PIPES IN FILL SHALL BE FILLED WITH SELECT COMPACTED GRANULAR MATERIAL TO INSURE FIRM BEDDING FOR PIPE.
9. CONTRACTOR TO PERFORM TEST PITS TO CONFIRM ALL UTILITY LOCATIONS PRIOR TO CONSTRUCTION. SHOULD UTILITY CONFLICTS ARISE DURING CONSTRUCTION, AN ALTERNATIVE DESIGN WILL BE REQUIRED THAT IS FUNCTIONALLY EQUIVALENT TO THE PERMITTED DESIGN AND WILL REQUIRE APPROVAL FROM THE GOVERNING AGENCY.

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CITY OF PONDERAY

FedEx Ground
Ponderay, Idaho

VORTEX ENGINEERING, INC.
• CONSTRUCTION MANAGERS & SITE PLANNERS
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PROFESSIONAL ENGINEER
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20038
7-11-22
STATE OF IDAHO
ROBERT W. JONES II

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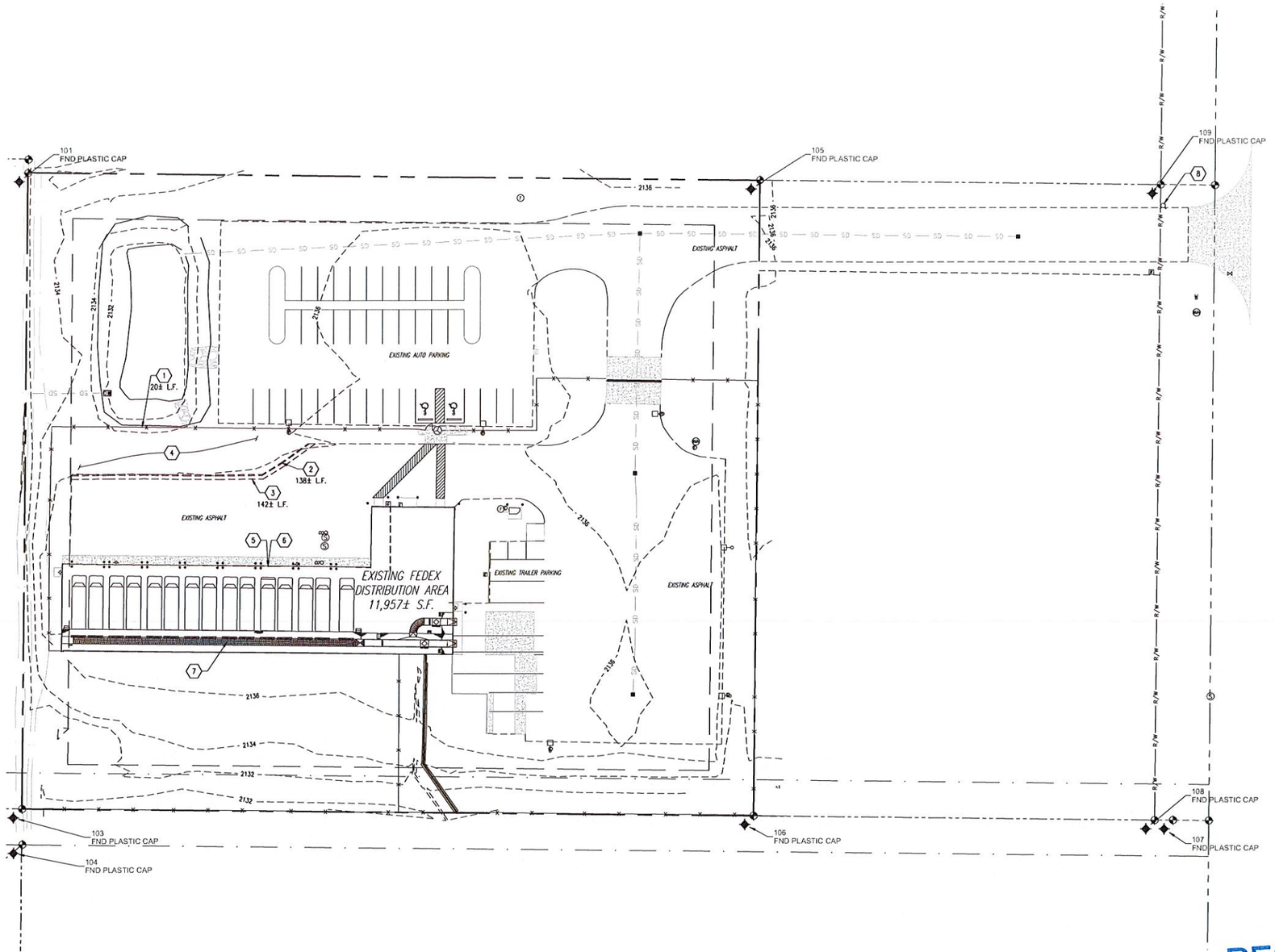
STATE COA NO: 4194

REV. DATE	COMMENT	BY

Project Notes
FedEx Ground Facility
Sandpoint
195 McNearney Road
Ponderay, Idaho 83852

PROJECT NO. F22-022
DATE: 07/11/2022
f22-020 cover.dwg

~SHEET~
C0.1



EXISTING CONDITIONS AND DEMOLITION PLAN
SCALE: 1" = 30'

N

SCALE IN FEET
30 15 0 30 60
1" = 30'

GENERAL NOTES

1. ALL CONSTRUCTION TO CONFORM TO THE CITY OF PONDERAY BUILDING DEPARTMENT STANDARDS AND SPECIFICATIONS.
2. CONTRACTOR MUST CONTACT CITY OF PONDERAY TRAFFIC OPERATIONS SUPERVISOR PRIOR TO CONSTRUCTION OR PLACEMENT OF TRAFFIC CONTROL DEVICES/FEATURES (STRIPING, SIGNALS, MEDIANS, ETC.) FOR CONSTRUCTION IN THE RIGHT-OF-WAY ONLY.

Point Table

Point #	Elevation	Northing	Easting	Description
108	2132.49	2424077.46	2433542.73	PLCAPF
100	0.00	2423381.98	2433265.00	PLCAPF
101	2131.77	2424436.05	2432916.40	PLCAPF
103	2131.32	2424084.14	2432913.99	PLCAPF
104	2131.72	2424064.35	2432914.14	PLCAPF
105	2135.98	2424431.85	2433322.31	PLCAPF
106	2132.75	2424079.92	2433319.83	PLCAPF
107	2132.94	2424077.39	2433552.95	PLCAPF
109	2132.73	2424429.51	2433545.13	PLCAPF
112	2133.62	2425390.47	2433610.75	PLCAPF
114	2132.65	2424091.10	2432274.93	PLCAPF
115	2132.77	2424450.57	2432278.02	PLCAPF
116	2134.18	2425391.19	2432284.83	PLCAPF
117	2132.82	2425412.17	2432259.92	PLCAPF
110	2133.44	2425398.52	2433581.08	ALCAPF
113	2131.63	2422745.15	2433564.27	ALCAPF

CONSTRUCTION NOTES:

1. REMOVE SECTION OF FENCE FOR CANTILEVER GATE INSTALLATION. SECTION TO BE REMOVED TO BE FIELD VERIFIED.
2. SAWCUT, REMOVE AND DISPOSE 6" OF EXISTING ASPHALT
3. SECTION MILL, REMOVE AND DISPOSE 24" OF EXISTING ASPHALT ALONG SAWCUT LINE FOR T-LOCK JOINT RE: SHEET C5.0 DETAIL 1
4. EXCAVATE AREA AS REQUIRED FOR SUBBASE PREPARATION. DISPOSE OF ANY EXCESS MATERIAL.
5. EXISTING OVERHEAD DOOR TO BE LOCKED IN THE OPEN POSITION.
6. SAWCUT, REMOVE AND DISPOSE EXISTING CONCRETE AND MATERIAL FOR INDEPENDENT BUMPER INSTALLATION. RE: SHEET C5.0 DETAILS 3 & 4
7. EXISTING CONVEYOR
8. EXISTING FIRE HYDRANT

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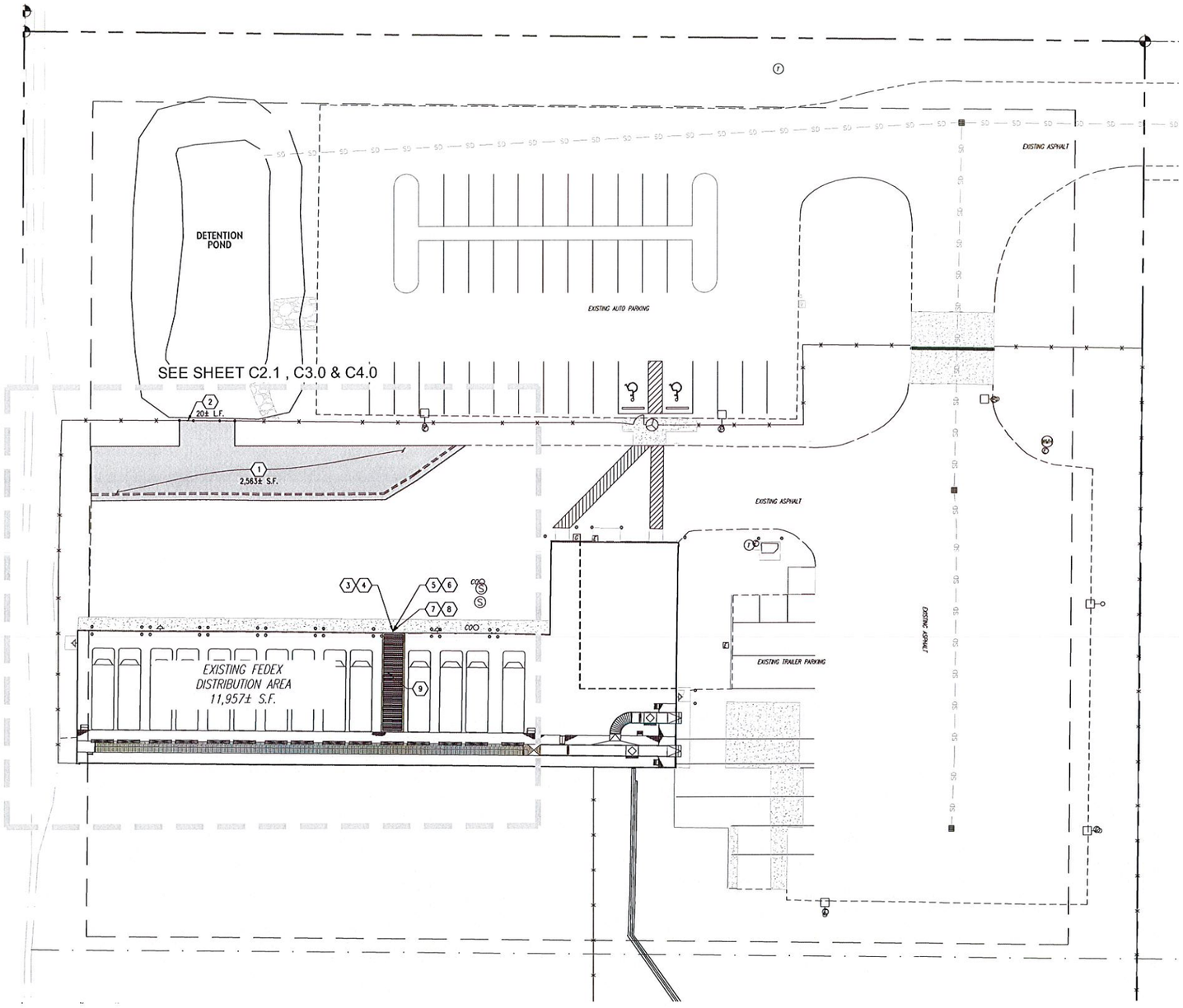
STATE COA NO: 4194

REVISIONS	DATE	BY

Existing Conditions And Demolition Plan
FedEx Ground Facility
Sandpoint
195 McNearney Road
Ponderay, Idaho 83852

PROJECT NO F22-022
DATE: 07/11/2022
f22-020 dem.dwg

~SHEET~
C1.0



SITE PLAN
SCALE: 1" = 20'

N

SCALE IN FEET
20 10 0 20 40
1" = 20'

GENERAL NOTES

1. ALL CONSTRUCTION TO CONFORM TO THE CITY OF PONDERAY BUILDING DEPARTMENT STANDARDS AND SPECIFICATIONS.
2. CONTRACTOR MUST CONTACT CITY OF PONDERAY TRAFFIC OPERATIONS SUPERVISOR PRIOR TO CONSTRUCTION OR PLACEMENT OF TRAFFIC CONTROL DEVICES/FEATURES (STRIPING, SIGNALS, MEDIANS, ETC.) FOR CONSTRUCTION IN THE RIGHT-OF-WAY ONLY.

GROUND DISTURBED AREA:
2,215± SQUARE FEET (0.05± ACRES)

ASPHALT EXPANSION AREA:
2,563± SQUARE FEET (0.06± ACRES)

CONSTRUCTION NOTES:

1. CONSTRUCT TYPE 1 ASPHALT
   RE: SHEET C5.0 DETAIL 1
2. INSTALL MANUAL CANTILEVER GATE WITH LOCK. GATE TO MATCH EXISTING SECURITY FENCE. LOCATION TO BE FIELD VERIFIED.
3. CONSTRUCT DOCK DOOR OPENING SO THAT BOTTOM OF LOAD DOOR IS 24" ABOVE FINISHED FLOOR AND CENTERED ON NEW CONVEYOR EXPANSION. CONVEYOR EXPANSION LOCATION TO BE FIELD VERIFIED.
   RE: SHEET C5.1 DETAIL 1
4. INSTALL OVERHEAD DOOR
   RE: SHEET C5.0 DETAIL 2
5. CONSTRUCT INDEPENDENT BUMPER
   RE: SHEET C5.0 DETAIL 3 & 4
6. CONSTRUCT DOCK SILL PLATE THRESHOLD
   RE: SHEET C5.0 DETAIL 4
7. INSTALL DOCK DOOR SEALS
   RE: SHEET C5.0 DETAIL 3
8. CONSTRUCT FLASHING OVER DOCK DOOR SEALS
   RE: SHEET C5.0 DETAIL 6
9. CONVEYOR EXPANSION
   (BY OTHERS)

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FedEx Ground
Ponderay, Idaho

VORTEX ENGINEERING, INC.
• CONSTRUCTION MANAGERS & SITE PLANNERS
• PROJECT MANAGERS
• CIVIL & CONSULTING ENGINEERS
861 Rood Avenue
Grand Junction, CO 81501
Phone: (970) 245-9051

R.W. JONES II
PROFESSIONAL ENGINEER
IDAHO LICENSE No. 20038

PROFESSIONAL ENGINEER LICENSED 20038 7-11-22 STATE OF IDAHO ROBERT W. JONES II

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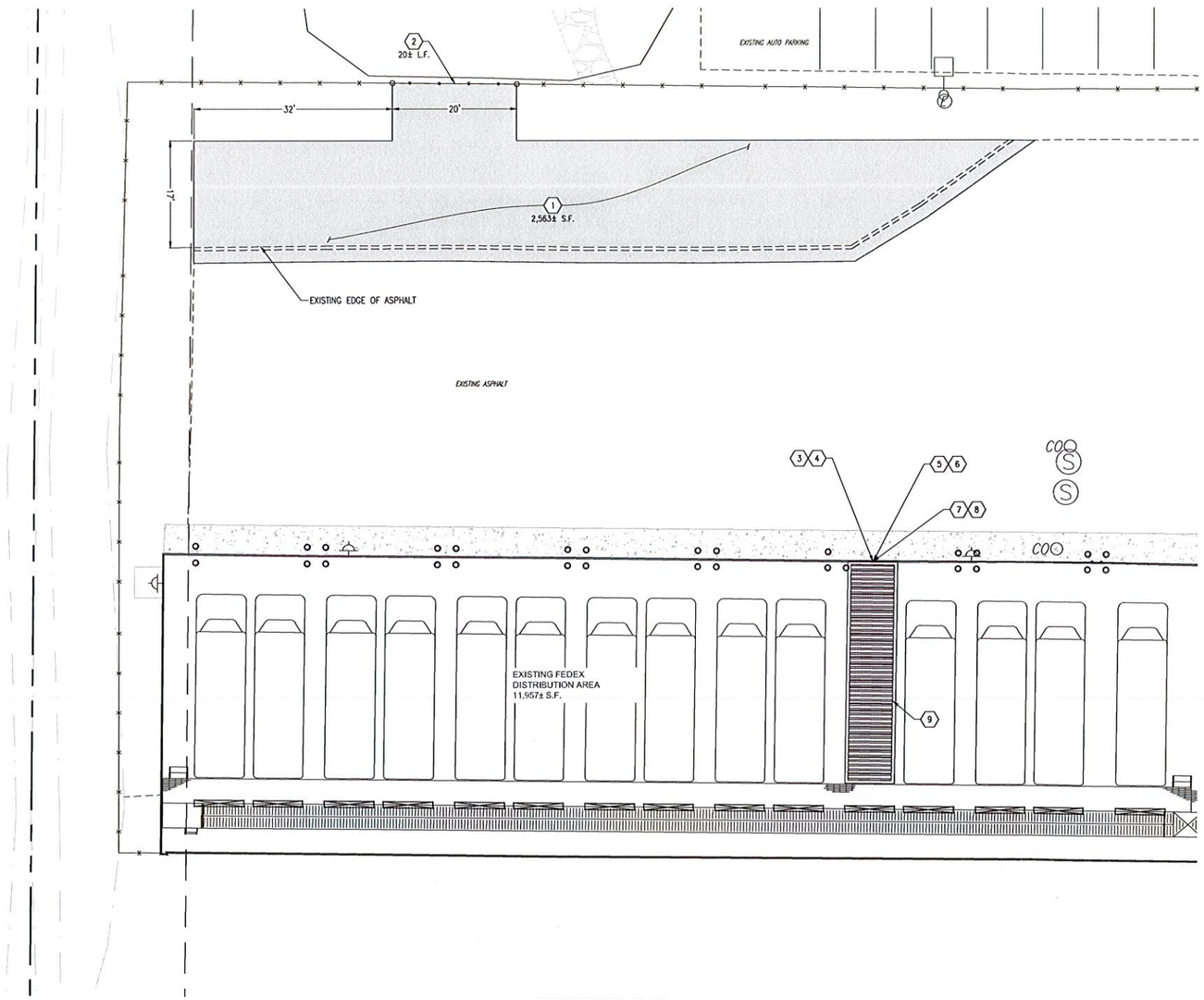
STATE COA NO: 4194

REV DATE	COMMENT	BY

Site Plan
FedEx Ground Facility
Sandpoint
195 McNearney Road
Ponderay, Idaho 83852

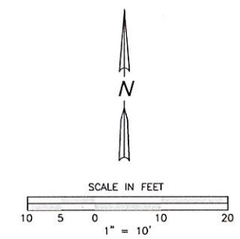
PROJECT NO: F22-022
DATE: 07/11/2022
f22-020 s1e1.dwg

~SHEET~
C2.0



DETAILED SITE PLAN

SCALE: 1" = 10'



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   RE: SHEET C5.0 DETAIL 2
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   RE: SHEET C5.0 DETAIL 3 & 4
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   RE: SHEET C5.0 DETAIL 4
7. INSTALL DOCK DOOR SEALS
   RE: SHEET C5.0 DETAIL 3
8. CONSTRUCT FLASHING OVER DOCK DOOR SEALS
   RE: SHEET C5.0 DETAIL 6
9. CONVEYOR EXPANSION
   (BY OTHERS)

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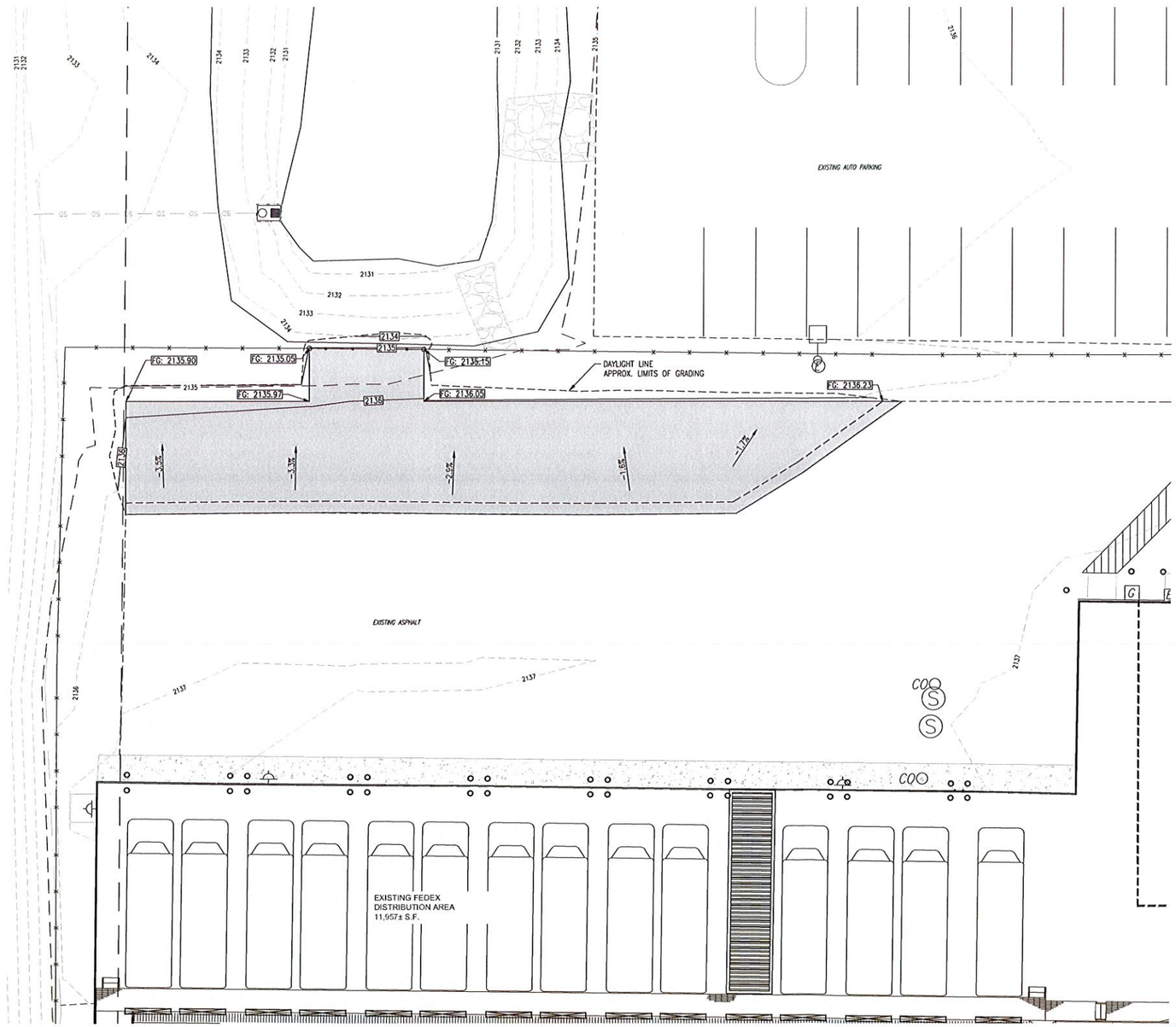
STATE COA NO: 4194

REV.	DATE	COMMENT	BY

Detailed Site Plan
FedEx Ground Facility
Sandpoint
195 McNearney Road
Ponderay, Idaho 83852

PROJECT NO: F22-022
DATE: 07/11/2022
F22-020 site1.dwg

~SHEET~
C2.1



GRADING PLAN

SCALE: 1" = 10'

N

SCALE IN FEET

10 5 0 10 20

1" = 10'

GENERAL NOTES

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STATE COA NO: 4194

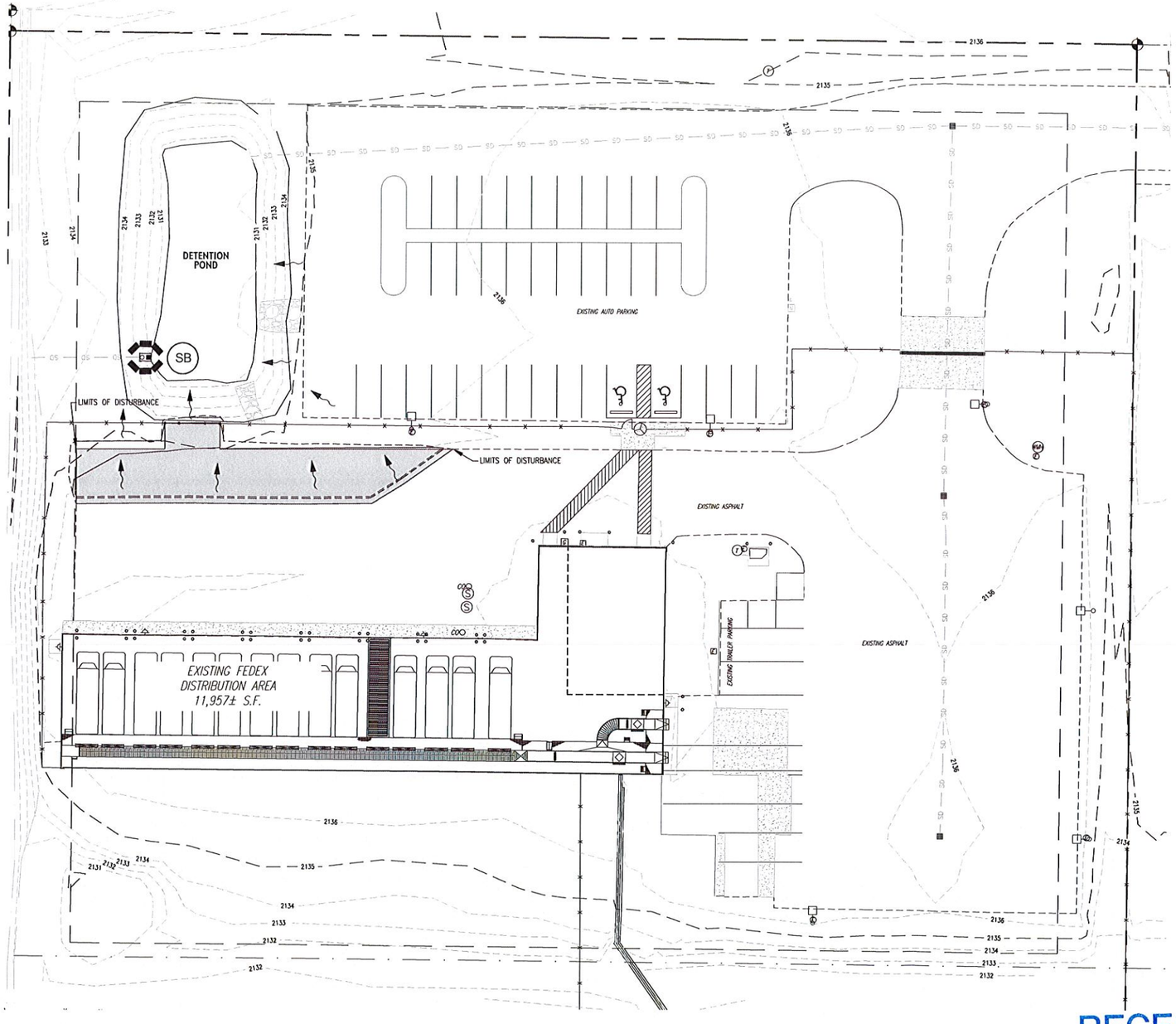
REV. DATE	COMMENT	BY

Grading Plan
FedEx Ground Facility
Sandpoint
195 McNearney Road
Ponderay, Idaho 83852

PROJECT NO: F22-022
DATE: 07/11/2022
f22-020 grading1.dwg

~SHEET~
C3.0

TITLE	KEY	SYMBOL
STRAW BALE BARRIER	SB	



STORMWATER MANAGEMENT PLAN
SCALE: 1" = 20'

SWMP - GENERAL NOTES:

A. THE DEVELOPER IS RESPONSIBLE FOR THE ACQUISITION OF ALL REQUIRED EASEMENTS, RIGHT AND/OR RIGHTS-OF-WAY PURSUANT TO THE DISCHARGE FROM THE SEDIMENT AND EROSION CONTROL PRACTICES, STORMWATER MANAGEMENT PRACTICES AND THE DISCHARGE OF STORMWATER ONTO OR ACROSS AND GRADING OR OTHER WORK TO BE PERFORMED ON ADJACENT OR DOWNSTREAM PROPERTIES AFFECTED BY THE PLAN.

B. FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: A)SEVEN CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER CONTROLS, DIKES, SWALES, DITCHES, PERIMETER SLOPES, AND ALL SLOPES GREATER THAN THREE HORIZONTAL TO ONE VERTICAL (3:1) AND B) FOURTEEN DAYS FOR ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE, THE IN-PLACE SEDIMENT CONTROL MEASURES WILL BE MAINTAINED ON A CONTINUING BASIS UNTIL THE SITE IS PERMANENTLY STABILIZED AND ALL PERMIT REQUIREMENTS ARE MET.

N

SCALE IN FEET
20 10 0 20 40
1" = 20'

GENERAL NOTES

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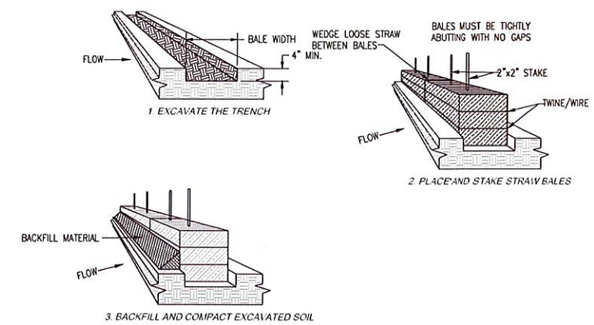
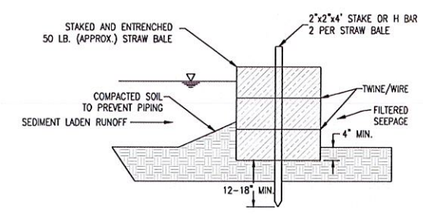
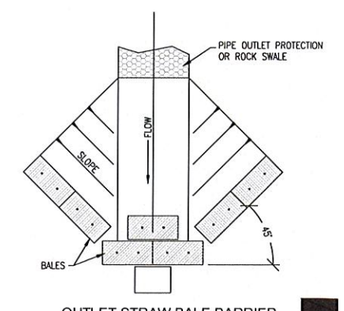


1. EXCAVATE THE TRENCH
2. PLACE AND STAKE STRAW BALES
3. BACKFILL AND COMPACT EXCAVATED SOIL

INSTALLATION OF STRAW BALES
N.T.S.



CROSS-SECTION OF A PROPERLY INSTALLED STRAW BALE
N.T.S.



OUTLET STRAW BALE BARRIER
N.T.S.

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FedEx Ground
Ponderay, Idaho

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R.W. JONES II
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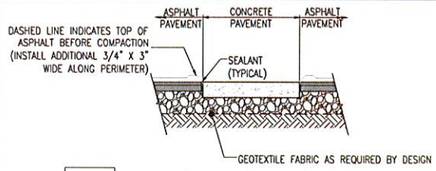
STATE COA NO: 4194

REV. DATE	COMMENT	BY

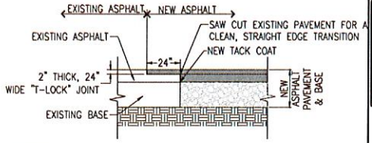
Stormwater Management Plan
FedEx Ground Facility
Sandpoint
195 McNearney Road
Ponderay, Idaho 83852

PROJECT NO: F22-022
DATE: 07/11/2022
f22-020 swmp1.dwg

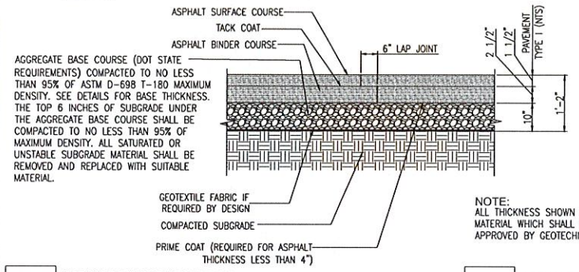
-SHEET-
C4.0



1A ASPHALT AT CONCRETE SECTION
N.T.S.



1B ASPHALT INTERFACE & "T-LOCK" JOINT
N.T.S.

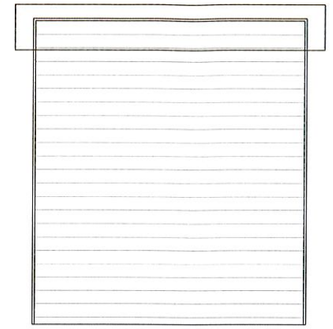


1C ASPHALT PAVEMENT SECTION
N.T.S.

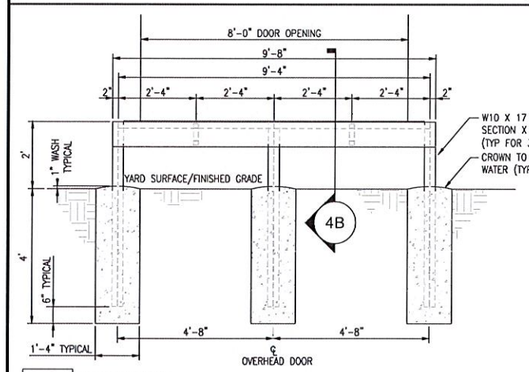
NOTE:
ALL THICKNESS SHOWN ARE MINIMUM COMPACTED MATERIAL WHICH SHALL BE REVIEWED AND APPROVED BY GEOTECHNICAL ENGINEER.

1 ASPHALT DETAIL SECTION
N.T.S.

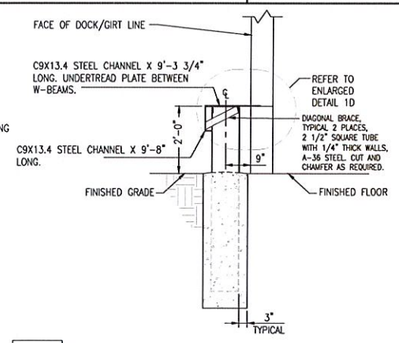
NO.	DOOR SIZE	OPENING SIZE	QTY.	DOOR TYPE	DOOR MATERIAL	FRAME MATERIAL	REMARKS
8A	8'-2" x 9'-1"	8'-0" x 9'-0"	1	D	OH STEEL	METAL	CHAIN OPERATED ROLL UP DOOR MANUFACTURED BY OVERHEAD DOOR CORP. (625 SERIES)



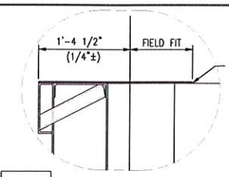
2 OVERHEAD DOOR DETAIL
N.T.S.



4A ELEVATION VIEW
N.T.S.



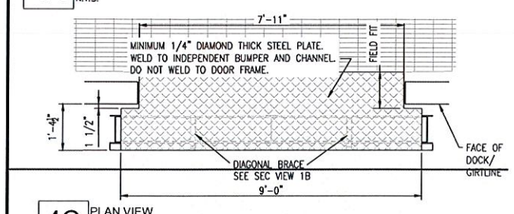
4B SECTION VIEW
N.T.S.



4D ENLARGED VIEW
N.T.S.

NOTE:

1. THIS INDEPENDENT BUMPER ARRANGEMENT IS TYPICALLY USED IN PRE-ENGINEERED METAL BUILDINGS AND BUILDING WITH A "FALSE DOCK" PACKAGE HANDLING EQUIPMENT ARRANGEMENT.
2. INDEPENDENT BUMPER ARRANGEMENT BY FAIRBORN USA, INC. NO EXCEPTIONS.



4C PLAN VIEW
N.T.S.

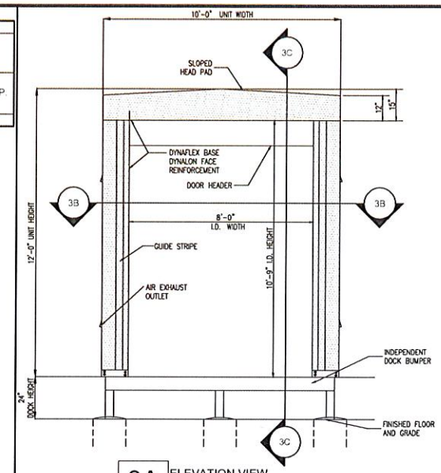
4 INDEPENDENT BUMPER AT 24 AFF DETAIL
N.T.S.

FedEx Ground Paint Schedule

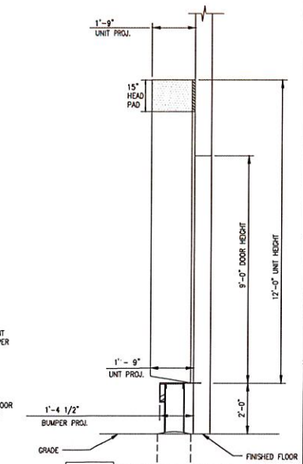
(FOR ADDITIONAL PAINT SCHEDULES, CONTRACTOR SHALL REFERENCE FXG SPECIFICATIONS MANUAL, DIVISION 2 - SITE WORK)
SW = SHERWIN WILLIAMS

Dock Sill Plates	SW - 7069 - Iron Ore Semi-gloss Except top surface shall be: SW - 4084 - Safety Yellow
Independent Bumper	SW - 7069 - Iron Ore Semi-gloss Except front surfaces of bumper and legs shall be: SW - 4084 - Safety Yellow
Wainscot (Painted Plywood)	SW - 7056 - Reserved White Semi-gloss
Stairs & Bollards	SW - 4084 - Safety Yellow
Interior Structural Steel	Pro Industrial Zero VOC Acrylic Coating Gloss (B66-600 Series)
Egress Path Striping	SW - 4084 - Safety Yellow
Pavement Striping * White: Pedestrian & Auto Parking * Yellow: Truck Parking, Crosswalks & other Safety or hatched areas * Blue: Handicapped Parking	S-W, Traffic & Zone Products, SETFAST Acrylic Waterborne Traffic Marking Paint; TM266 - White TM227 - Yellow TM266 - Tinted Blue SW - 4084 - Safety Red Malignance, Inc., FASS-Striping Paint, Manufacturer's Standard: 3FX5-W - Snow White 3FS5-Y - Traffic White 3FXBU - Blue

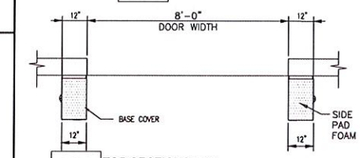
5 FEDEX PAINT SCHEDULE
N.T.S.



3A ELEVATION VIEW
N.T.S.



3C SIDE SECTION VIEW
N.T.S.

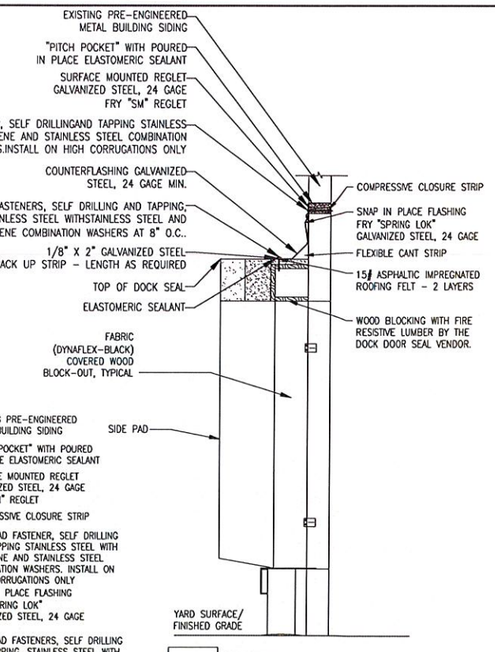


3B TOP SECTION VIEW
N.T.S.

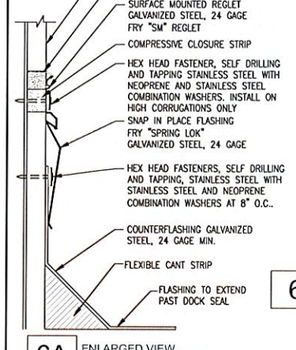
GENERAL NOTES:

1. DOCK SEALS TO BE FURNISHED BY VORTEX ENGINEERING AND INSTALLED BY CONTRACTOR PER MANUFACTURER'S RECOMMENDATIONS.
2. PROVIDE ADEQUATE BACKING SUPPORT
3. FOR ADDITIONAL INFORMATION ON INDEPENDENT DOCK BUMPER SHOWN IN THIS DETAIL REFERENCE SHEET C5.0 DETAIL 4

3 DOCK DOOR SEALS WITH INDEPENDENT DOCK BUMPER DETAIL
N.T.S.



6B SIDE VIEW
N.T.S.



6A ENLARGED VIEW
N.T.S.

6 FLASHING DETAIL
N.T.S.

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STATE COA NO: 4194

REV.	DATE	COMMENT	BY

Details
FedEx Ground Facility
Sandpoint
195 McNearney Road
Ponderay, Idaho 83852

PROJECT NO: F22-022
DATE: 07/11/2022
f22-020 details.dwg

FedEx Ground
Ponderay, Idaho

-SHEET-
C5.0

CONSTRUCTION NOTES:

GENERAL:
1. NEW DOCK DOOR 8'-0" WIDE x 9'-0" TALL OPENING (±) AND LOCATED AT 24 A.F.F.
2. DIMENSIONS AND THICKNESS OF GIRTS MUST BE FIELD VERIFIED. FEDEX SENIOR MANAGER SHALL VERIFY LOCATION.
3. PROVIDE HEAVY DUTY EXTERIOR GRADE "J" HOOK TO HANG MOBILE-DOCK CORD WHEN NOT IN USE. MOUNT HOOK NEAR GFCC.

STEEL:
1. ALL ROLLED STEEL TO BE A36 STEEL OR GALVANIZED STEEL.
2. STEEL TO BE PRIMED & PAINTED AFTER CONSTRUCTION.

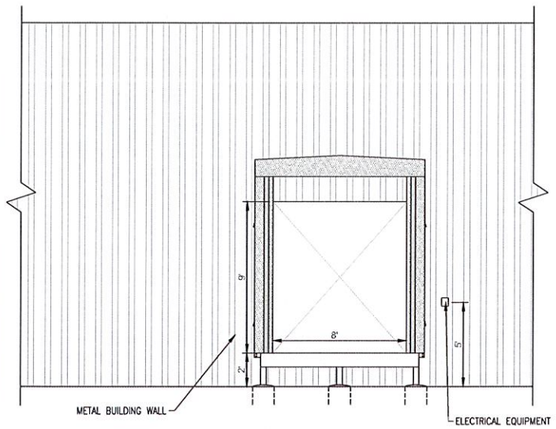
METAL STUD:
1. SEE TABLE FOR METAL STUD SPECIFICATIONS
2. COVER INTERIOR FRAMING WITH 3/4" PLYWOOD AND PAINT AS DIRECTED BY THE PAINT SCHEDULE

OTHER:
1. CONTRACTOR IS RESPONSIBLE FOR VERIFYING DOOR OPENING LOCATION PRIOR TO DEMOLITION.
2. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL AS BUILT DIMENSIONS AND EXISTING CONDITIONS PRIOR TO CONSTRUCTION.
3. CONTRACTOR IS TO VERIFY LOCATION OF EXISTING COLUMNS AND NOTIFY VORTEX ENGINEERING OF ANY DISCREPANCY.

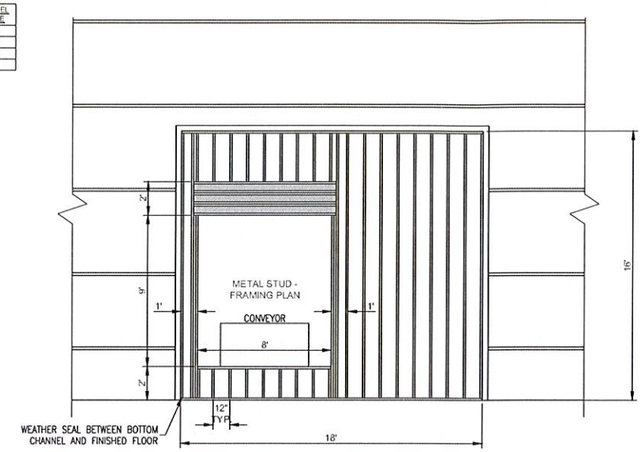
NOTE:
1. INSTALL NEW 14 GA. METAL CHANNEL TOP AND BOTTOM WITH WEATHER SEAL.
2. BOLT NEW 16 GA. METAL STUD COLUMNS DIRECTLY TO EXISTING COLUMNS.
3. BOLT NEW 16 GA. METAL STUD COLUMNS DIRECTLY TO TOP AND BOTTOM CHANNELS.
4. INSTALL NEW 16 GA. METAL STUD HEADER & FOOTER.
5. CONTRACTOR RESPONSIBLE FOR FIELD VERIFYING DOOR OPENING LOCATION PRIOR TO CONSTRUCTION. CENTER OF DOCK DOOR TO ALIGN WITH CENTERLINE OF CONVEYOR.
6. COVER INTERIOR FRAMING WITH GYPSUM BOARD OR WAINSCOT AND PAINT WHITE.

MINIMUM STUD SPECIFICATIONS

KNG STUD LENGTH	SPECIFICATIONS	COLUMN GAUGE	CHANNEL GAUGE
UP TO 16'-0"	600-S-162-54	16	14
GREATER THAN 16'-0"	600-S-162-68	14	12
GREATER THAN 16'-0"	800-S-162-68	14	12



1A OPENING MODIFICATION - EXTERIOR ELEVATION
N.T.S.



1B OPENING MODIFICATION - INTERIOR ELEVATION
N.T.S.

1 OPENING MODIFICATION DETAIL
N.T.S.

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FedEx Ground
Ponderay, Idaho

VORTEX ENGINEERING, INC.
• CONSTRUCTION MANAGERS & SITE PLANNERS
• PROJECT MANAGERS
• CIVIL & CONSULTING ENGINEERS
861 Rood Avenue
Grand Junction, CO 81501
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R.W. JONES II
PROFESSIONAL ENGINEER
IDAHO LICENSE No 20038

PROFESSIONAL ENGINEER LICENSED 20038 07-11-22 STATE OF IDAHO ROBERT W. JONES II

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STATE COA NO: 4194

REV	DATE	COMMENT

Details
FedEx Ground Facility
Sandpoint
195 McNearney Road
Ponderay, Idaho 83852

PROJECT NO: F22-022
DATE: 07/11/2022
f22-020 detail1.dwg

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