GENERAL NOTES 1. DESIGN IS BASED OFF USPS STANDARD CONSTRUCTION DETAILS AND SPECIFICATIONS. THE	GENERAL PLAN AND SURVEY NOTES 1. PRIOR TO STARTING CONSTRUCTION THE CONTRACTOR SHALL BE RESPONSIBL
CONTRACTOR IS RESPONSIBLE TO POSSESS AND TO BE FAMILIAR WITH THESE DOCUMENTS AND SCHEDULING REQUIREMENTS APPLICABLE TO THE PROJECT.	THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CON FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOR PLANS AND OTHER DOCUMENTS APPROVED BY ALL OF THE PERMITTING AUTHO
<ol> <li>DESIGN HAS INCORPORATED STATE AND LOCAL DESIGN STANDARDS, SPECIFICATIONS, AND CODES. THE CONTRACTOR IS RESPONSIBLE TO POSSESS AND TO BE FAMILIAR WITH THESE STANDARDS, REFERENCE DOCUMENTS, AND SCHEDULING REQUIREMENTS APPLICABLE TO THE PROJECT.</li> </ol>	2. THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE SECTION OF THESE NOTE PLAN NOTES."
3. ALL WORK SPECIFIED AS A DEPARTMENT OF TRANSPORTATION ITEM SHALL BE GOVERNED BY THE WASHINGTON DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATIONS AS	3. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS, SPECIF REQUIREMENTS AND STANDARDS OF THE LOCAL GOVERNING AUTHORITY.
WELL AS THE CURRENT EDITION OF THE LOCAL JURISDICTION STORM WATER MANAGEMENT MANUAL. IT IS THE CONTRACTOR'S RESPONSIBILITY TO POSSESS AND TO BE FAMILIAR WITH APPLICABLE SECTIONS.	4. ALL WORK WITHIN THE RIGHTS OF WAY SHALL BE IN ACCORDANCE WITH THE G JURISDICTION AND SPECIFICATIONS.
. THESE CONTRACT DRAWINGS SHALL BE MADE AVAILABLE ON SITE AT ALL TIMES AND PRESENTED UPON REQUEST.	5. CONTRACTOR SHALL COORDINATE ANY MAINTENANCE OF TRAFFIC WITH THE C REPRESENTATIVE AND THE LOCAL JURISDICTION PRIOR TO CONSTRUCTION.
EMOLITION NOTES	6. ALL WORK SHALL BE COMPLETED IN A NEAT AND ORDERLY MANNER REMOVING AND WASTE FROM THE SITE INCLUDING TIMELY REMOVAL OF ANY CONCRETE S COMPLETION OF PROJECT, CONTRACTOR SHALL CLEAN THE PAVED AREAS PRI TEMPORARY SEDIMENT CONTROLS, AS DIRECTED BY THE CITY AND/OR CONSTI MANAGER. IF POWER WASHING IS USED, NO SEDIMENT LADEN WATER SHALL B STORM SYSTEM. ALL SEDIMENT LADEN MATERIAL ON PAVEMENT OR WITHIN TH
CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS PRIOR TO ANY DEMOLITION PROCESS. CERTAIN ACTIVITIES ASSOCIATED WITH CONSTRUCTION WILL REQUIRE AIR PERMITS INCLUDING BUT NOT LIMITED TO:MOBILE CONCRETE BATCH PLANTS, MOBILE ASPHALT PLANTS, CONCRETE CRUSHERS, LARGE	<ul> <li>SHALL BE COLLECTED AND REMOVED FROM THE SITE AT CONTRACTOR'S EXPE</li> <li>THESE PROJECT CONSTRUCTION DOCUMENTS SHALL NOT CONSTITUTE A CONTRACTOR OF THE CONT</li></ul>
GENERATORS, ETC. THESE ACTIVITIES WILL REQUIRE SPECIFIC WASHINGTON STATE OF ECOLOGY OR LOCAL GOVERNING AUTHORITIES AIR PERMITS FOR INSTALLATION AND OPERATION. CONTRACTORS MUST SEEK AUTHORIZATION FROM THE CORRESPONDING GOVERNING BODIES. FOR DEMOLITION OF ALL COMMERCIAL	RELATIONSHIP BETWEEN WSP CORPORATION AND THE CONTRACTOR/SUBCON 8. THE ENGINEER WILL NOT BE RESPONSIBLE FOR CONSTRUCTION OR SAFETY, M TECHNIQUES, SEQUENCES OR PROCEDURES UTILIZED IN CONSTRUCTION BY T
SITES, A NOTIFICATION FOR RESTORATION AND DEMOLITION MUST BE SUBMITTED TO THE WASHINGTON EPD(ENVIRONMENT PROTECTION DIVISION) AND LOCAL GOVERNING AUTHORITIES TO DETERMINE ANY CORRECTIVE ACTIONS THAT MAY BE REQUIRED.	SUBCONTRACTORS. ANY SEQUENCING OR SUGGESTED NOTATIONS WHICH MA IS INTENDED TO ASSIST IN THE UNDERSTANDING OF PROJECT INTENT.
DEMOLITION INCLUDES THE FOLLOWING: A. TRANSFER BENCHMARK CONTROL TO NEW LOCATIONS OUTSIDE THE DISTURBED AREA PRIOR TO	9. DETAILS, NOTES, AND OTHER REFERENCES CONTAIN HEREIN MAY HAVE BEEN A OUTSIDE REFERENCE SOURCE LOCATIONS SUCH AS, BUT NOT LIMITED TO, LOC AGENCIES, DESIGN REFERENCE MANUALS, MANUFACTURE'S RECOMMENDED D
COMMENCING DEMOLITION OPERATIONS (WHEN APPLICABLE). B. DEMOLITION AND REMOVAL OF SITE IMPROVEMENTS NECESSARY FOR THE PROPOSED CONSTRUCTION OF NEW IMPROVEMENTS.	OTHER INDUSTRY SOURCES. WSP DOES NOT WARRANT INFORMATION OR REP CONTENT CONTAINED HEREIN IT IS SHOWN SOLELY FOR REFERENCE ONLY OF TIME OF PLAN PREPARATION.THE CONSTRUCTION TEAM MEMBERS (CONTRACT
C. REROUTING, RELOCATING, DISCONNECTING, CAPPING OR SEALING, AND ABANDONING/REMOVING SITE UTILITIES IN PLACE (WHICHEVER IS APPLICABLE).	CONSTRUCTION MANAGER, WHERE APPLICABLE) SHALL OBTAIN THE MOST CUR INFORMATION FROM THE RESPECTIVE SOURCE TO CONSTRUCT THE IMPROVEN AUTHORITY OF THE RESPECTIVE GOVERNING AGENCIES. IF ANY DISCREPANCI
REMOVE AND LEGALLY DISPOSE OF ITEMS CALLED OUT TO BE REMOVED. REMOVE AND TRANSPORT DEBRIS IN A MANNER THAT WILL PREVENT SPILLAGE ON ADJACENT SURFACES AND AREAS. THOSE ITEMS INDICATED TO BE REINSTALLED, SALVAGED, OR TO REMAIN SHALL BE CLEANED, SERVICED, AND OTHERWISE PREPARED	BETWEEN THE ORIGINAL DESIGN INTENT AND THE CONSTRUCTION TEAM OBTAI MATERIAL,THE CONSTRUCTION MANAGER OR THE PROJECT'S CONTACT PERSC
FOR REUSE. CONTRACTOR TO STORE AND PROTECT AGAINST DAMAGE. REINSTALL ITEMS IN LOCATIONS INDICATED.	PRIOR TO COMMENCING OF ASSOCIATED WORK.  10. CONDUCT CONSTRUCTION OPERATIONS TO ENSURE MINIMUM INTERFERENCE
PROTECT ITEMS INDICATED TO REMAIN AGAINST DAMAGE AND SOILING THROUGHOUT CONSTRUCTION. WHEN PERMITTED BY THE CONSTRUCTION MANAGER OR OWNER, ITEMS MAY BE REMOVED TO A SUITABLE, PROTECTED STORAGE LOCATION THROUGHOUT CONSTRUCTION AND THEN CLEANED AND REINSTALLED IN THEIR ORIGINAL LOCATIONS. PROMPTLY REPAIR DAMAGES TO ADJACENT FACILITIES CAUSED BY DEMOLITION OPERATIONS AT THE CONTRACTORS COST.	<ul> <li>WALKS, AND OTHER ADJACENT OCCUPIED AND USED FACILITIES. DO NOT CLOS STREETS, WALKS, OR OTHER ADJACENT OCCUPIED OR USED FACILITIES WITHC OWNER AND AUTHORITIES HAVING JURISDICTION. PROVIDE ALTERNATE ROUTE OBSTRUCTED TRAFFIC WAYS.</li> <li>11. THE LOCATIONS OF UNDERGROUND FACILITIES SHOWN ON THE PLANS ARE BAS</li> </ul>
CONTRACTOR SHALL SCHEDULE DEMOLITION ACTIVITIES WITH THE CONSTRUCTION/PROJECT MANAGER INCLUDING THE FOLLOWING:	THE OWNER PROVIDED SURVEY. IT SHALL BE THE CONTRACTOR'S FULL RESPO SITE'S POSSIBLE BELOW GRADE FEATURES, INCLUDING BUT NOT LIMITED TO, R UTILITIES, ETC. AND SHALL CONDUCT A WALK THROUGH WITH THE OWNER'S RE
<ul> <li>A. DETAILED SEQUENCE OF DEMOLITION AND REMOVAL WORK, WITH STARTING AND ENDING DATES FOR EACH ACTIVITY.</li> <li>B. DATES FOR SHUTOFF, CAPPING, AND CONTINUATION OF UTILITY SERVICES.</li> </ul>	CONTRACTOR SHALL CONTACT THE VARIOUS UTILITY COMPANIES TO LOCATE 1 TO STARTING CONSTRUCTION. NO ADDITIONAL COMPENSATION SHALL BE PAID FOR REPAIR TO DAMAGE CAUSED BY THEIR WORK FORCE TO FACILITIES WHICH
C. IDENTIFY AND ACCURATELY LOCATE UTILITIES AND OTHER SUBSURFACE STRUCTURAL, ELECTRICAL, OR MECHANICAL CONDITIONS.	BE DISTURBED.
REGULATORY REQUIREMENTS: COMPLY WITH GOVERNING EPD NOTIFICATION REGULATIONS BEFORE STARTING DEMOLITION. COMPLY WITH HAULING AND DISPOSAL REGULATIONS OF AUTHORITIES HAVING JURISDICTION. MAINTAIN EXISTING UTILITIES INDICATED TO REMAIN IN SERVICE AND PROTECT THEM AGAINST DAMAGE	12. ALL DIMENSIONS, GRADES, AND UTILITY LOCATIONS SHOWN ON THESE PLANS THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO C CONTRACTOR SHALL NOTIFY CONSTRUCTION/PROJECT MANAGER IF ANY DISCF TO PROCEEDING WITH CONSTRUCTION FOR NECESSARY CHANGES. NO EXTRA BE PAID TO THE CONTRACTOR FOR WORK HAVING TO BE REDONE DUE TO INFO
THROUGHOUT CONSTRUCTION OPERATIONS. A. DO NOT INTERRUPT EXISTING UTILITIES SERVING OCCUPIED OR OPERATING FACILITIES, EXCEPT WHEN AUTHORIZED IN WRITING BY OWNER'S REPRESENTATIVE AND AUTHORITIES HAVING JURISDICTION. PROVIDE TEMPORARY SERVICES DURING INTERRUPTIONS TO EXISTING UTILITIES, AS ACCEPTABLE TO OWNER AND TO GOVERNING AUTHORITIES.	<ul> <li>INCORRECTLY ON THESE PLANS IF SUCH NOTIFICATION HAS NOT BEEN GIVEN.</li> <li>13. THE CONTRACTOR SHALL RUN AN INDEPENDENT VERTICAL CONTROL TRAVERS BENCHMARKS AND A HORIZONTAL CONTROL TRAVERSE THROUGH THE REFERE CONTROL DATUM TO CONFIRM GEOMETRIC DATA. IT IS THE CONTRACTORS RE NOTIFY THE CONSTRUCTION MANAGER OF ANY DISCREPANCIES PRIOR TO THE</li> </ul>
LOCATE, IDENTIFY, DISCONNECT, AND SEAL OR CAP OFF INDICATED UTILITY SERVICES SERVING THE SITE. ARRANGE TO SHUT OFF AND CAP UTILITIES WITH UTILITY COMPANIES AND FOLLOW THEIR RESPECTIVE UTILITY KILL AND CAP POLICIES. DO NOT START DEMOLITION WORK UNTIL UTILITY DISCONNECTING AND SEALING HAVE BEEN COMPLETED AND VERIFIED IN WRITING BY THE UTILITY COMPANY.	CONSTRUCTION. 14. FROST DEPTH OF SITE AREA IS 30".
CONDUCT DEMOLITION OPERATIONS TO PREVENT INJURY TO PEOPLE AND DAMAGE TO ADJACENT BUILDINGS AND FACILITIES TO REMAIN. ENSURE SAFE PASSAGE OF PEOPLE AROUND DEMOLITION AREA. SAFE PASSAGE INCLUDES THE ERECTION OF TEMPORARY PROTECTION AND/OR BARRICADES AS PER LOCAL GOVERNING AUTHORITIES AND IN ACCORDANCE WITH THE CURRENT ADA REGULATIONS. USE OF EXPLOSIVES WILL NOT BE PERMITTED.	CONCRETE NOTES AND SPECIFICATIONS1.ALL EXTERIOR SITE SPECIFIC PORTLAND CEMENT CONCRETE (PCC) (I.E. SIDEW, CURBING) SHALL MEET THE MINIMUM REQUIREMENTS OF THE LATEST EDITIONS DEPARTMENT OF TRANSPORTATION (WSDOT) AND THE AMERICAN CONCRETE IN SPECIFICATIONS USING THE RESPECTIVE ASTM STANDARDS FOR MATERIALS U
. CLEAN ADJACENT BUILDINGS AND IMPROVEMENT OF DUST, DIRT, AND DEBRIS CAUSED BY DEMOLITION OPERATIONS. RETURN ADJACENT AREAS TO CONDITION EXISTING BEFORE START OF DEMOLITION.	TRANSPORTATION, FORMING, PLACEMENT, CURING, AND SEALING. THE MINIMU NORMAL WEIGHT CONCRETE IS 4000 PSI AT 28 DAY STRENGTH. CONTRACTOR S DETAILS, NOTES, AND SPECIFICATIONS WITHIN THE CONSTRUCTION DOCUMENT
PROMPTLY DISPOSE OF DEMOLISHED MATERIALS. DO NOT ALLOW DEMOLISHED MATERIALS TO ACCUMULATE ON-SITE. STORAGE OR SALE OF REMOVED ITEMS OR MATERIALS ON-SITE WILL NOT BE PERMITTED. NO BURNING OF ANY MATERIALS ON SITE SHALL BE PERMITTED.	TO THIS SPECIFICATION. MIX DESIGN SHOP DRAWINGS SHALL BE TAILORED TO PLACEMENT CONDITIONS AND BE SUBMITTED TO THE CONSTRUCTION/PROJECT ACCORDANCE WITH THE PROJECT REQUIREMENTS.
IT IS NOT EXPECTED THAT ASBESTOS WILL BE ENCOUNTERED IN THE COURSE OF THIS CONTRACT. IF ANY MATERIALS SUSPECTED OF CONTAINING ASBESTOS ARE ENCOUNTERED, DO NOT DISTURB THE MATERIALS. IMMEDIATELY NOTIFY THE CONSTRUCTION MANAGER AND THE OWNER.	2. ALL EXTERIOR CONCRETE CURBS SHALL HAVE JOINTS PER ACI 330. CURB JOIN <sup>-</sup> WITH CONCRETE PAVEMENT JOINTS WHERE APPLICABLE, TYPICALLY BEING 10 EXTERIOR VEHICULAR CONCRETE PAVEMENT AND FLATWORK SHALL HAVE CON TABLE BELOW AND EXPANSION JOINTS PER ACI 330 TYPICAL RECOMMENDATION
FILLING BELOW-GRADE AREAS: COMPLETELY FILL BELOW-GRADE AREAS AND VOIDS RESULTING FROM DEMOLITION OF PAVEMENTS, AND OTHER REMOVED ITEMS WITH SOIL MATERIALS ACCORDING TO REQUIREMENTS PER THE ON-SITE GEOTECHNICAL ENGINEER'S REPRESENTATIVE. CONTRACTOR	SLAB THICKNESS- "T"MAXIMUM JOINT SPACINGLESS THAN 4 INCHES8 FEET
SHALL CONTACT GEOTECHNICAL ENGINEER PRIOR TO FILLING ANY AREAS TO OBSERVE FILL PROCEDURES.	4-<5 INCHES         10 FEET           5-<6 INCHES
CONDUCT DEMOLITION OPERATIONS AND REMOVE DEBRIS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS, AND OTHER ADJACENT OCCUPIED AND USED FACILITIES. DO NOT CLOSE OR OBSTRUCT STREETS, WALKS, OR OTHER ADJACENT OCCUPIED OR USED FACILITIES WITHOUT PERMISSION FROM OWNER AND AUTHORITIES HAVING JURISDICTION. PROVIDE ALTERNATE ROUTES AROUND CLOSED OR OBSTRUCTED TRAFFIC WAYS IF REQUIRED BY GOVERNING REGULATIONS.	8 INCHES-10 INCHES 15 FEET 3. ALL JOINTS, INCLUDING SAWED JOINTS, SHALL BE SEALED. JOINTS SHALL BE CL PRIOR TO SEALING. JOINT SEALING MATERIALS SHALL COMPLY WITH ASTM D 66 APPLIED ELASTOMERIC, ASTM D 5893 TYPE NS FOR SILICONE RUBBER, AND TT-S SINGLE COMPONENT ELASTOMERIC. SEALER WIDTH, DEPTH, AND PREPARED AF
CONTRACTOR TO WET SAWCUT EXISTING PAVEMENT TO REMAIN AT NEXT NEAREST JOINT PRIOR TO REMOVALS OF CURB, GUTTER, PAVEMENT, ETC.	SURFACES SHALL BE PER MANUFACTURES RECOMMENDATIONS. JOINT FILLER CONFORM TO ASTM D1751 OR ASTM D8139 AND EXTEND THE FULL DEPTH OF CO SURFACE.
THE CONTRACTOR SHALL REMOVE EXISTING PAVEMENT MARKINGS WITH SMALL HANDHELD GRINDERS OR SCARIFIERS OR OTHER METHODS, WITH THE APPROVAL OF THE CONSTRUCTION MANAGER. TAKE CARE DURING MARKING REMOVAL NOT TO SCAR, DISCOLOR, OR OTHERWISE DAMAGE THE PAVEMENT SURFACE. DO NOT OVERPAINT OR USE OTHER METHODS OF COVERING MARKINGS INSTEAD OF REMOVAL.	<ul> <li>4. ALL CONCRETE PANELS SHALL BE SQUARE WITH A LENGTH TO WIDTH RATIO NO 1.25 TO 1 AND HAVE A MEDIUM BROOM FINISH (TRANSVERSE, SLIP RESISTANT F PATHWAYS) WHICH SHALL BE TO MINIMUM STRENGTH PRIOR TO OPENING FOR TRAFFIC AREAS. STAGGERED/OFFSET JOINT, INTERIOR CORNERS, ANGLES LES</li> </ul>
WHEN NOTED AND ALLOWED BY THE OWNER, THE CONTRACTOR MAY RE-USE EXISTING WHEELSTOPS FOR THE PROPOSED SITE. CONTRACTOR AND CONSTRUCTION MANAGER SHALL COORDINATE WHICH EXISTING WHEELSTOPS MAY BE RE-USED PRIOR TO DEMOLITION. CONTRACTOR SHALL ENSURE THAT ALL RE-USED WHEELSTOPS ARE PROTECTED DURING CONSTRUCTION.	<ul> <li>DEGREES, SLABS LESS THAN 18-INCHES WIDE, AND ODD SHAPES SHALL NOT BE BLOCKOUTS AROUND ALL PAVEMENT CASTINGS SHALL BE PROVIDED IN ACCOR RECOMMENDATIONS.</li> <li>ALL JOINTING (IF) SHOWN HEREIN IS ONLY A GENERAL GUIDELINE OF DESIGN IN</li> </ul>
CONTRACTOR SHALL FULLY SECURE WORK AREA WITH THE APPROPRIATE SIGNAGE, FENCING, AND BARRICADES WHICH ACCOMMODATE VISUALLY IMPAIRED PERSONS AS AGREED UPON WITH SITE CONSTRUCTION/PROJECT MANAGER AND OWNER TO WARN AND KEEP PEOPLE OUT OF THE SITE WORK AREA FOR THE DURATION OF THE PROJECT.	CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR FINAL LAYOUT OF THE JOINT COINCIDES WITH THEIR MEANS AND METHODS TO ENSURE NO UNDESIRED CRA THROUGH ANY PLACED CONCRETE. JOINTS SHALL BE APPROPRIATELY PLACED POSSIBLE TO KEEP UNNECESSARY CRACKS FROM DEVELOPING. CONTRACTOR SHOP DRAWING OF THEIR PAVEMENT JOINT LAYOUT TO OWNER / CONSTRUCTIO PRIOR TO PLACEMENT FOR RECORD. THE CONTRACTOR SHALL REPLACE ANY C CONCRETE, WHICH HAS NOT BEEN PLACED/FINISHED IN ACCORDANCE WITH AC THE NEXT JOINT PAST THE EFFECTED AREA AT NO ADDITIONAL COST TO THE PI ONE YEAR OF PROJECT COMPLETION.
	6. CONCRETE SHALL ARRIVE AT JOB SITE WITH APPROPRIATE W/C RATIO. NO WATADDED TO CONCRETE ON SITE WHICH EXCEEDS THE MAXIMUM ALLOWED W/C F BY THE WRITTEN BATCH PLANT TICKET FROM THE SUPPLIER. SUPERPLASTICIZE ADMIXTURES MAY BE UTILIZED TO ACHIEVE DESIRED WORKABILITY OR TO ACCO ADVERSE PLACEMENT CONDITIONS. ADMIXTURES SHALL BE UTILIZED ONLY IN THE MANUFACTURES WRITTEN INSTRUCTIONS AND MEET THE REQUIREMENTS AND/OR ASTM C1017.
	7. CONTRACTOR SHALL HAVE A MIN. 5 YEARS EXPERIENCE WITH SUCCESSFUL PLA CONCRETE UTILIZING POZZOLAN MATERIALS. MIX DESIGNS WHICH UTILIZED PC MATERIALS SHALL BE IN ACCORDANCE WITH LOCAL DOT SPECIFICATIONS AND A FLY ASH SHALL MEET THE REQUIREMENTS OF ASTM C618, CLASS C OR CLASS F LOSS ON IGNITION MUST NOT EXCEED 5%. SLAG CEMENT ACCORDING TO ASTM MINIMUM. SILICA FUME SHALL BE DRY DENSIFIED MEETING THE REQUIREMENTS
	USE OF MATERIALS SHALL BE IN ACCORDANCE WITH ACI 211.1. 8. AGGREGATES SHALL BE LOW-SHRINKAGE/WELL GRADED PER ASTM C33 AND TH SPECIFICATIONS WHICH ARE RESISTANT TO FREEZE/THAW, SULFATE ATTACK, A

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ACEMENT OF ZZOLAN ACI STANDARDS , EXCEPT THE C989, GRADE 100 S OF ASTM C1240.

8. AGGREGATES SHALL BE LOW-SHRINKAGE/WELL GRADED PER ASTM C33 AND THE LOCAL DOT SPECIFICATIONS WHICH ARE RESISTANT TO FREEZE/THAW, SULFATE ATTACK, AND ARE NOT ALKALI-CARBONATE AGGREGATES OR SUSCEPTIBLE TO ALKALI-AGGREGATE REACTIVITY. SLAG AGGREGATES SHALL NOT BE PERMITTED IN ANY CONCRETE MIX.

### **GENERAL UTILITY NOTES**

- AND ENSURE THE UTILITY COMPANIES HAVE THE ESSENTIALS REQUIRED FOR COMPLETE SERVICE INSTALLATION. CONTRACTOR SHALL NOTIFY CONSTRUCTION MANAGER OF ANY TIME FRAMES ESTABLISHED BY UTILITY COMPANIES WHICH WILL NOT MEET OPENING DATE.
- CONTRACTOR SHALL VERIFY THE SIZE, LOCATION, INVERT ELEVATION, AND CONDITION OF EXISTING UTILITIES WHICH ARE INTENDED TO BE UTILIZED AS A CONNECTION POINT FOR ALL PROPOSED UTILITIES PRIOR TO ANY CONSTRUCTION. CONTRACTOR TO ENSURE EXISTING UTILITIES ARE IN GOOD CONDITION AND FREE FLOWING (IF APPLICABLE). IF ELEVATIONS, SIZE, OR LOCATION DIFFER FROM WHAT IS SHOWN ON PLANS, CONTRACTOR SHALL NOTIFY CONSTRUCTION MANAGER IMMEDIATELY.
- WHERE PLANS PROVIDE FOR PROPOSED WORK TO BE CONNECTED TO, OR CROSS OVER AN EXISTING SEWER OR UNDERGROUND UTILITY, THE CONTRACTOR SHALL LOCATE THE EXISTING PIPES OR UTILITIES BOTH AS TO LINE AND GRADE BEFORE STARTING THE PROPOSED WORK. IF IT IS DETERMINED THAT THE ELEVATION OF THE EXISTING CONDUIT, OR EXISTING APPURTENANCE RESULTS IN A CHANGE IN THE PLAN, THE CONSTRUCTION MANAGER SHALL BE NOTIFIED BEFORE STARTING CONSTRUCTION OF ANY PORTION OF THE PROPOSED WORK WHICH WOULD BE AFFECTED BY THE INTERFERENCE WITH AN EXISTING FACILITY. PAYMENT FOR ALL THE OPERATIONS DESCRIBED ABOVE SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT ITEM.
- 4. UTILITY SERVICE PROVIDERS RULES AND REQUIREMENTS TAKE PRECEDENCE OVER INFORMATION HEREIN. IF DISCREPANCY ARISES, CONTRACTOR SHALL FULLY COORDINATE WITH UTILITY SERVICE PROVIDER PRIOR TO START OF CONSTRUCTION.

**GRADING PLAN NOTES** 

AT A MINIMUM ALL FILLED AREAS SHALL BE COMPACTED TO 98% OF STANDARD PROCTOR MAXIMUM DRY DENSITY PER A.S.T.M. TEST D-698. MOISTURE CONTENT AT TIME OF PLACEMENT SHALL NOT EXCEED 2% ABOVE NOR 2% BELOW OPTIMUM.

DUST CONTROL NOTES

- PHASING IS NOT AN OPTION. DUST SHALL BE CONTROLLED WITH WATER DURING EARTHWORK OPERATIONS. AFTER EARTHWORK OPERATIONS, THE EXPOSED SOILS SHALL BE COVERED WITH STRAW OR MULCH UNTIL SEEDED.
- 2. DUST CONTROL OR DUST SUPPRESSANTS MAY BE USED TO PREVENT NUISANCE CONDITIONS WHEN WHICH PREVENTS A DISCHARGE TO WATERS OF THE STATE. SUFFICIENT DISTANCE MUST BE WATERWAYS. APPLICATION (EXCLUDING WATER) MAY NOT OCCUR WHEN RAIN IS IMMINENT AS NOTED IN THE SHORT TERM FORECAST. OIL MAY NOT BE APPLIED FOR DUST CONTROL.
- SUGGESTED METHODS OF CONSTRUCTION DUST CONTROL MAY INCLUDE THE FOLLOWING: 3.1. CONSTRUCTION SEQUENCING AND DISTURBING ONLY SMALL AREAS AT A TIME CAN GREATLY TEMPORARY STABILIZATION MEASURES SHOULD BE CONSIDERED PRIOR TO DISTURBANCES.
- 3.2. APPLY TEMPORARY OR PERMANENT SEEDING AND MULCH TO AREAS THAT WILL REMAIN IDLE AND AIR MOVEMENT ACROSS DISTURBED AREAS. 3.3. SPRAY DISTURBED SITE WITH WATER UNTIL THE SURFACE IS WET BEFORE AND DURING GRADING AND REPEAT AS NEEDED. ESPECIALLY ON HAUL ROADS AND OTHER HEAVY TRAFFIC
- WETTING AGENTS MAY BE UTILIZED ACCORDING TO MANUFACTURERS INSTRUCTIONS. 3.4 GRADED ROADWAYS AND OTHER SUITABLE AREAS MAY BE STABILIZED USING CRUSHED STONE OR COARSE GRAVEL AS SOON AS PRACTICABLE AFTER REACHING AN INTERIM OR FINAL
- PROVIDE CONTROL OF SOIL EMISSIONS 3.5 EXISTING WINDBREAK VEGETATION SHALL BE MARKED AND PRESERVED TO THE EXTENT POSSIBLE. SNOW FENCING OR OTHER SUITABLE BARRIER MAY BE PLACED PERPENDICULAR TO
- CONTROL AIR CURRENTS AND BLOWING SOIL. 3.6 WHEN TEMPORARY DUST CONTROL MEASURES ARE USED; REPETITIVE TREATMENT SHOULD BE APPLIED AS NEED TO ACCOMPLISH SATISFACTORY CONTROL.
- 3.7 PAVED AREAS THAT HAVE ACCUMULATED SEDIMENT FROM CONSTRUCTION SHOULD BE CLEANED DAILY, OR AS NEEDED, UTILIZING A STREET SWEEPER OR BUCKET-TYPE ENDLOADER OR SCRAPER.

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# CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES IMMEDIATELY AFTER BID IS AWARDED

DUST CONTROL SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION. IF POSSIBLE GRADING SHALL BE DONE BY PHASING IN ORDER TO MINIMIZE THE AMOUNT OF LAND DISTURBANCE AT ONE TIME. IF

APPROVED BY THE LOCAL AUTHORITY HAVING JURISDICTION. WHEN USED, SUPPRESSANTS SHALL BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS AND IN A MANNER, PROVIDED BETWEEN APPLICATIONS AND NEARBY BRIDGES, CATCH BASINS, AND OTHER

REDUCE PROBLEMATIC DUST FROM THE SITE. IF LAND MUST BE DISTURBED, ADDITIONAL FOR OVER 14 DAYS. SAVING EXISTING TREES AND LARGE SHRUBS WILL ALSO REDUCE SOIL

WATERING SHALL BE DONE AT A RATE THAT PREVENTS DUST BUT DOES NOT CAUSE SOIL EROSION. CRUSHED STONE OR COARSE GRAVEL CAN BE USED AS A PERMANENT COVER TO

PREVAILING AIR CURRENTS AT INTERVALS OF ABOUT 15 TIMES THE BARRIER HEIGHTS TO

### SPILLS AND CONTAMINATION

CONSTRUCTION PERSONNEL, INCLUDING SUBCONTRACTORS WHO MAY USE OR HANDLE HAZARDOUS OR TOXIC MATERIALS, SHALL BE MADE AWARE OF THE FOLLOWING GENERAL GUIDELINES REGARDING DISPOSAL AND HANDLING OF HAZARDOUS AND CONSTRUCTION WASTES: PREVENT SPILLS

- USE PRODUCTS UP
- FOLLOW LABEL DIRECTIONS FOR DISPOSAL REMOVE LIDS FROM EMPTY BOTTLES AND CANS WHEN DISPOSING IN TRASH
- RECYCLE WASTES WHENEVER POSSIBLE DON'T POUR INTO WATERWAYS, STORM DRAINS OR ONTO THE GROUND
- DON'T POUR DOWN THE SINK, DOOR DRAIN OR SEPTIC TANKS DON'T BURY CHEMICALS OR CONTAINERS
- DON'T BURN CHEMICALS OR CONTAINERS DON'T MIX CHEMICALS TOGETHER

ANY DISCHARGE OF PETROLEUM OR PETROLEUM PRODUCTS OF LESS THAN 25 GALLONS ONTO A PERVIOUS SURFACE SHALL BE LEGALLY REMOVED AND PROPERLY TREATED OR PROPERLY DISPOSED OF, OR OTHERWISE REMEDIATED, SO THAT NO CONTAMINATION FROM THE DISCHARGE REMAINS ON-SITE. SPILLS OF 25 GALLONS OR MORE OF PETROLEUM PRODUCTS SHALL BE REPORTED TO THE WASHINGTON STATE DEPARTMENT OF ECOLOGY, THE LOCAL FIRE DEPARTMENT, AND THE LOCAL EMERGENCY PLANNING COMMITTEE WITHIN 30 MINUTES OF THE DISCOVERY OF THE RELEASE. ALL SPILLS WHICH CONTACT

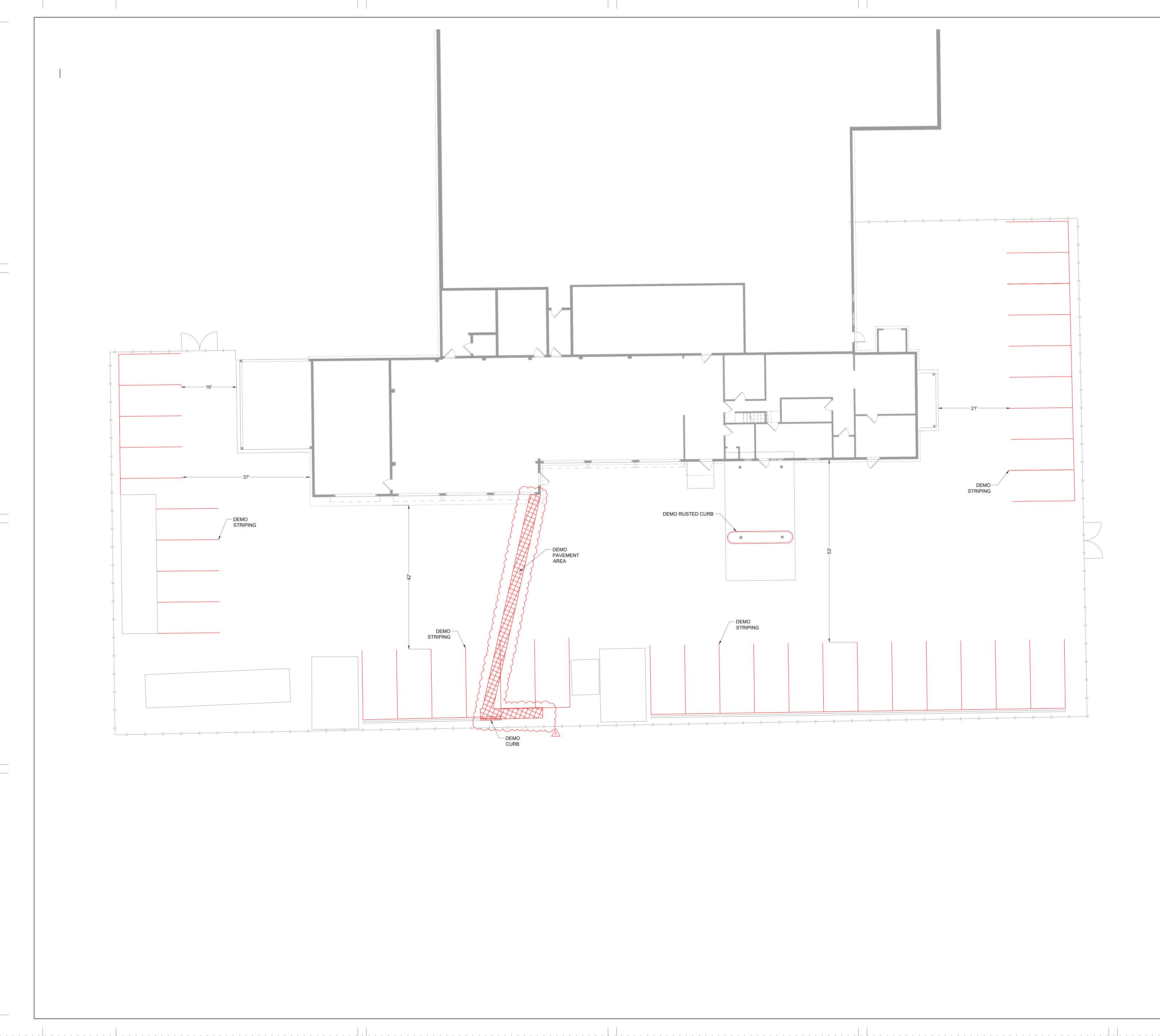
WATERS OF THE STATE MUST BE REPORTED TO THE WASHINGTON STATE DEPARTMENT OF ECOLOGY.

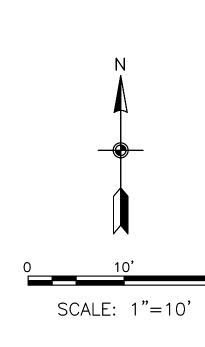
- 3. SPILL REPORTING REQUIREMENTS: SPILLS ON PAVEMENT SHALL BE ABSORBED WITH SAWDUST OR KITTY LITTER AND DISPOSED OF WITH THE TRASH AT A LICENSED SANITARY LAND FILL. HAZARDOUS OR INDUSTRIAL WASTES SUCH AS MOST SOLVENTS, GASOLINE, OIL-BASED PAINTS, AND CEMENT CURING COMPOUNDS REQUIRE SPECIAL HANDLING. SPILLS SHALL BE REPORTED TO THE WASHINGTON STATE DEPARTMENT OF ECOLOGY.
- CONTAINERS SHALL BE PROVIDED FOR THE PROPER COLLECTION OF ALL WASTE MATERIAL INCLUDING CONSTRUCTION DEBRIS, TRASH, PETROLEUM PRODUCTS AND ANY HAZARDOUS MATERIALS USED ON-SITE. CONTAINERS SHALL BE COVERED AND NOT LEAKING. ALL WASTE MATERIAL SHALL BE DISPOSED OF AT FACILITIES APPROVED FOR THAT MATERIAL. CONSTRUCTION DEMOLITION AND DEBRIS (CD&D) WASTE MUST BE DISPOSED OF AT THE WASHINGTON STATE DEPARTMENT OF ECOLOGY APPROVED CD&D LAND FILL.
- PROCESS WASTE WATER/LEACHATE MANAGEMENT : EPA'S CONSTRUCTION GENERAL PERMIT ONLY ALLOWS THE DISCHARGE OF STORM WATER AND DOES NOT INCLUDE OTHER WASTE STREAMS/DISCHARGES SUCH AS VEHICLE AND/OR EQUIPMENT WASHING, ON-SITE SEPTIC LEACHATE CONCRETE WASH OUTS, WHICH ARE CONSIDERED PROCESS WASTEWATERS, ALL PROCESS WASTEWATERS MUST BE COLLECTED AND PROPERLY DISPOSED AT AN APPROVED DISPOSAL FACILITY. IN THE EVENT, LEACHATE OR SEPTAGE IS DISCHARGED: IT MUST BE ISOLATED FOR COLLECTION AND PROPER DISPOSAL AND CORRECTIVE ACTIONS TAKEN TO ELIMINATE THE SOURCE OF WASTE WATER.
- 6. WASTES GENERATED BY CONSTRUCTION ACTIVITIES (I.E. CONSTRUCTION MATERIALS SUCH AS PAINTS, SOLVENTS, FUELS, CONCRETE, WOOD, ETC) MUST BE DISPOSED OF IN ACCORDANCE WITH LOCAL REGULATIONS. HAZARDOUS AND TOXIC SUBSTANCES ARE USED ON VIRTUALLY ALL CONSTRUCTION SITES. GOOD MANAGEMENT OF THESE SUBSTANCES IS ALWAYS NEEDED.
- 7. NO CONSTRUCTION RELATED WASTE MATERIALS ARE TO BE BURIED OR BURNED ON-SITE.
- 8. HANDLING CONSTRUCTION CHEMICALS: MIXING, PUMPING, TRANSFERRING OR OTHER HANDLING OF CONSTRUCTION CHEMICALS SUCH AS FERTILIZER, LIME, ASPHALT, CONCRETE DRYING COMPOUNDS, AND ALL OTHER POTENTIALLY HAZARDOUS MATERIALS SHALL BE PERFORMED IN AN AREA AWAY FROM ANY WATERCOURSE, DITCH OR STORM DRAIN.
- 9. EQUIPMENT FUELING AND MAINTENANCE, OIL CHANGING, ETC., SHALL BE PERFORMED AWAY FROM WATERCOURSES, DITCHES OR STORM DRAINS, IN AN AREA DESIGNATED FOR THAT PURPOSE. THE DESIGNATED AREA SHALL BE EQUIPPED FOR RECYCLING OIL AND CATCHING SPILLS. SECONDARY CONTAINMENT SHALL BE PROVIDED FOR ALL FUEL OIL STORAGE TANKS. THESE AREAS MUST BE INSPECTED EVERY SEVEN DAYS AND WITHIN 24 HRS. OF A 0.5 INCH OR GREATER RAIN EVENT TO ENSURE THERE ARE NO EXPOSED MATERIALS WHICH WOULD CONTAMINATE STORM WATER. SITE OPERATORS MUST BE AWARE THAT SPILL PREVENTION CONTROL AND COUNTERMEASURES (SPCC) REQUIREMENTS MAY APPLY. AN SPCC PLAN IS REQUIRED FOR SITES WITH ONE SINGLE ABOVE GROUND TANK OF 660 GALLONS OR MORE, ACCUMULATIVE ABOVE GROUND STORAGE OF 1330 GALLONS OR MORE, OR 42,000 GALLONS OF UNDERGROUND STORAGE. CONTAMINATED SOILS MUST BE PROPERLY DISPOSED OF IN ACCORDANCE WITH LOCAL GOVERNING AUTHORITY REGULATIONS. SPCC PLAN AND APPROVALS ARE THE RESPONSIBILITY OF THE CONTRACTOR.
- 10. CONTAMINATED SOILS: IF SUBSTANCES SUCH AS OIL, DIESEL FUEL, HYDRAULIC FLUID, ANTIFREEZE, ARE SPILLED, LEAKED, OR RELEASED ONTO THE SOIL, THE SOIL SHOULD BE DUG UP AND DISPOSED OF AT LICENSED SANITARY LAND FILL OR OTHER APPROVED PETROLEUM CONTAMINATED SOIL REMEDIATION FACILITY (NOT A CONSTRUCTION / DEMOLITION DEBRIS LAND FILL). NOTE THOSE STORM WATER RUNOFFS ASSOCIATED WITH CONTAMINATED SOILS ARE NOT BE AUTHORIZED UNDER CURRENT REGULATIONS OF CONSTRUCTION ACTIVITIES.
- 11. CONTRACTOR SHALL TAKE PREVENTIVE MEASURES FOR WATER DISCHARGES FROM CONTAMINATED SOILS BY ANY MEANS POSSIBLE, INCLUDING THE FOLLOWING:
- 11.1. THE USE OF BERMS, TRENCHES, AND PITS TO COLLECT CONTAMINATED RUNOFF AND PREVENT DISCHARGES.
- 11.2. PUMPING RUNOFF INTO A SANITARY SEWER (WITH PRIOR WRITTEN APPROVAL OF THE SANITARY SEWER SERVICE OPERATOR) OR INTO A CONTAINER FOR TRANSPORT TO AN APPROPRIATE TREATMENT/DISPOSAL FACILITY.
- 11.3. COVERING AREAS OF CONTAMINATION WITH TARPS OR OTHER METHODS THAT PREVENT STORMWATER FROM COMING INTO CONTACT WITH CONTAMINATED MATERIALS.

### SHEET INDEX

ET NUMBER	SHEET NAME
	GENERAL NOTES
	EXISTING CONDITIONS AND DEMOLITION PLAN
	PROPOSED CONDITIONS
	DETAILS





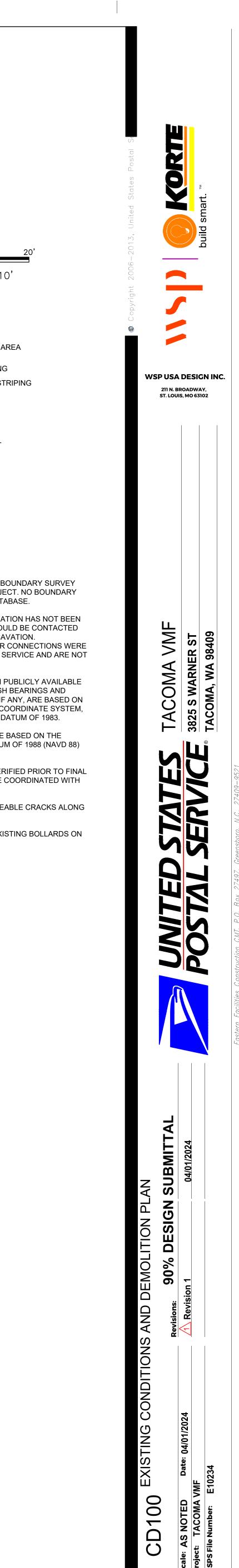


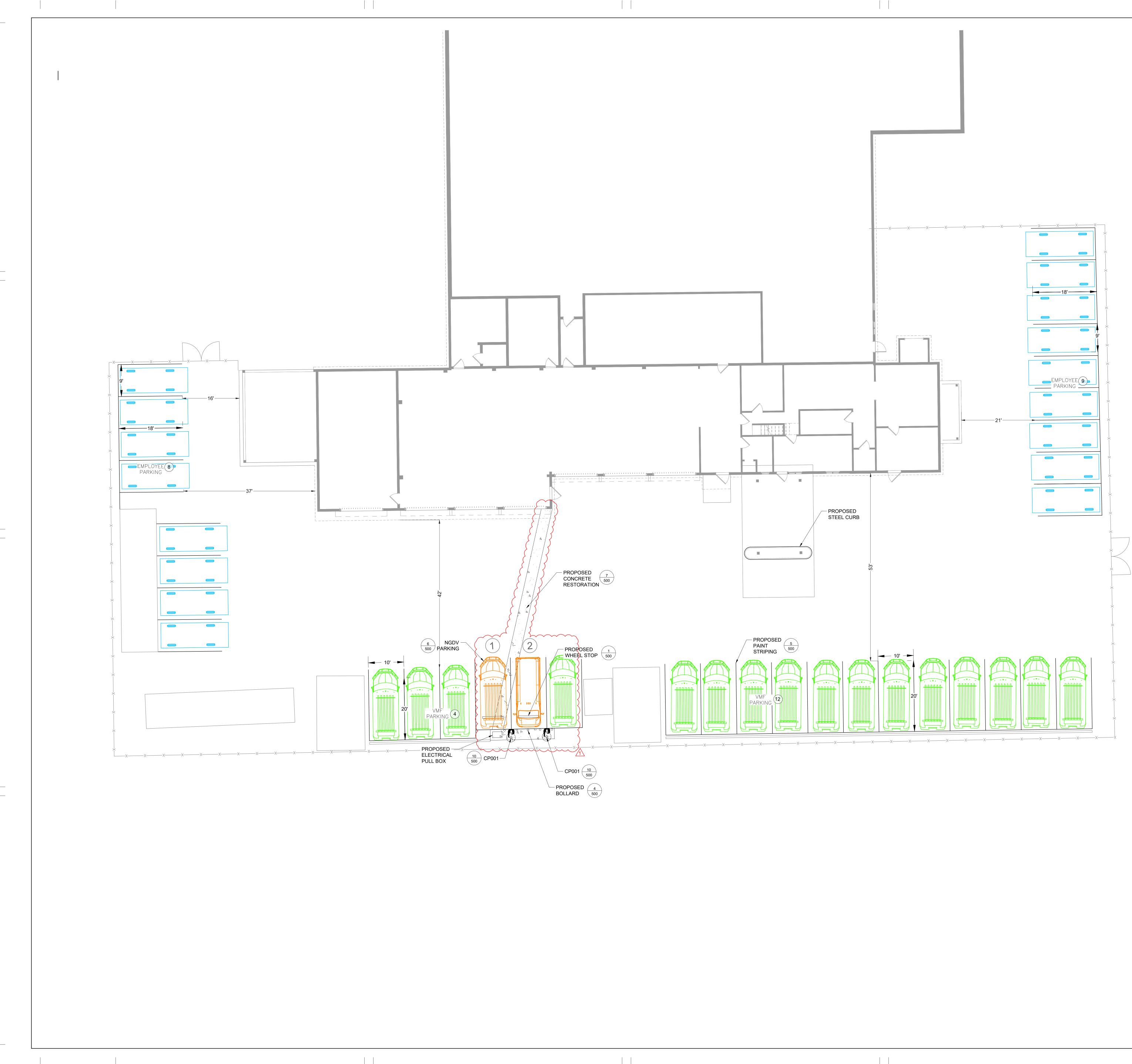
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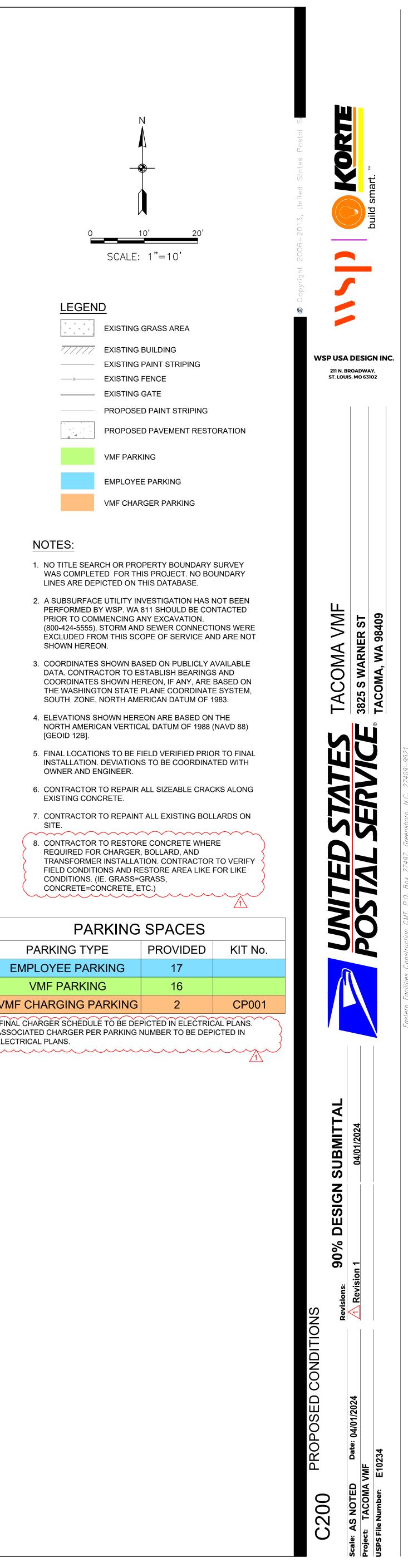
_	
* + + + + + + + + + + + + + + + + + + +	EXISTING GRASS AREA
777777	EXISTING BUILDING
	EXISTING PAINT STRIPIN
X	EXISTING FENCE
	EXISTING GATE
	DEMO PAINT
	DEMO PAVEMENT

### NOTES:

- NO TITLE SEARCH OR PROPERTY BOUNDARY SURVEY WAS COMPLETED FOR THIS PROJECT. NO BOUNDARY LINES ARE DEPICTED ON THIS DATABASE.
- A SUBSURFACE UTILITY INVESTIGATION HAS NOT BEEN PERFORMED BY WSP. WA 811 SHOULD BE CONTACTED PRIOR TO COMMENCING ANY EXCAVATION. (800-424-5555). STORM AND SEWER CONNECTIONS WERE EXCLUDED FROM THIS SCOPE OF SERVICE AND ARE NOT SHOWN HEREON.
- 3. COORDINATES SHOWN BASED ON PUBLICLY AVAILABLE DATA. CONTRACTOR TO ESTABLISH BEARINGS AND COORDINATES SHOWN HEREON, IF ANY, ARE BASED ON THE WASHINGTON STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, NORTH AMERICAN DATUM OF 1983.
- ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88) [GEOID 12B].
- 5. FINAL LOCATIONS TO BE FIELD VERIFIED PRIOR TO FINAL INSTALLATION. DEVIATIONS TO BE COORDINATED WITH OWNER AND ENGINEER.
- 6. CONTRACTOR TO REPAIR ALL SIZEABLE CRACKS ALONG EXISTING CONCRETE.
- CONTRACTOR TO REPAINT ALL EXISTING BOLLARDS ON SITE.







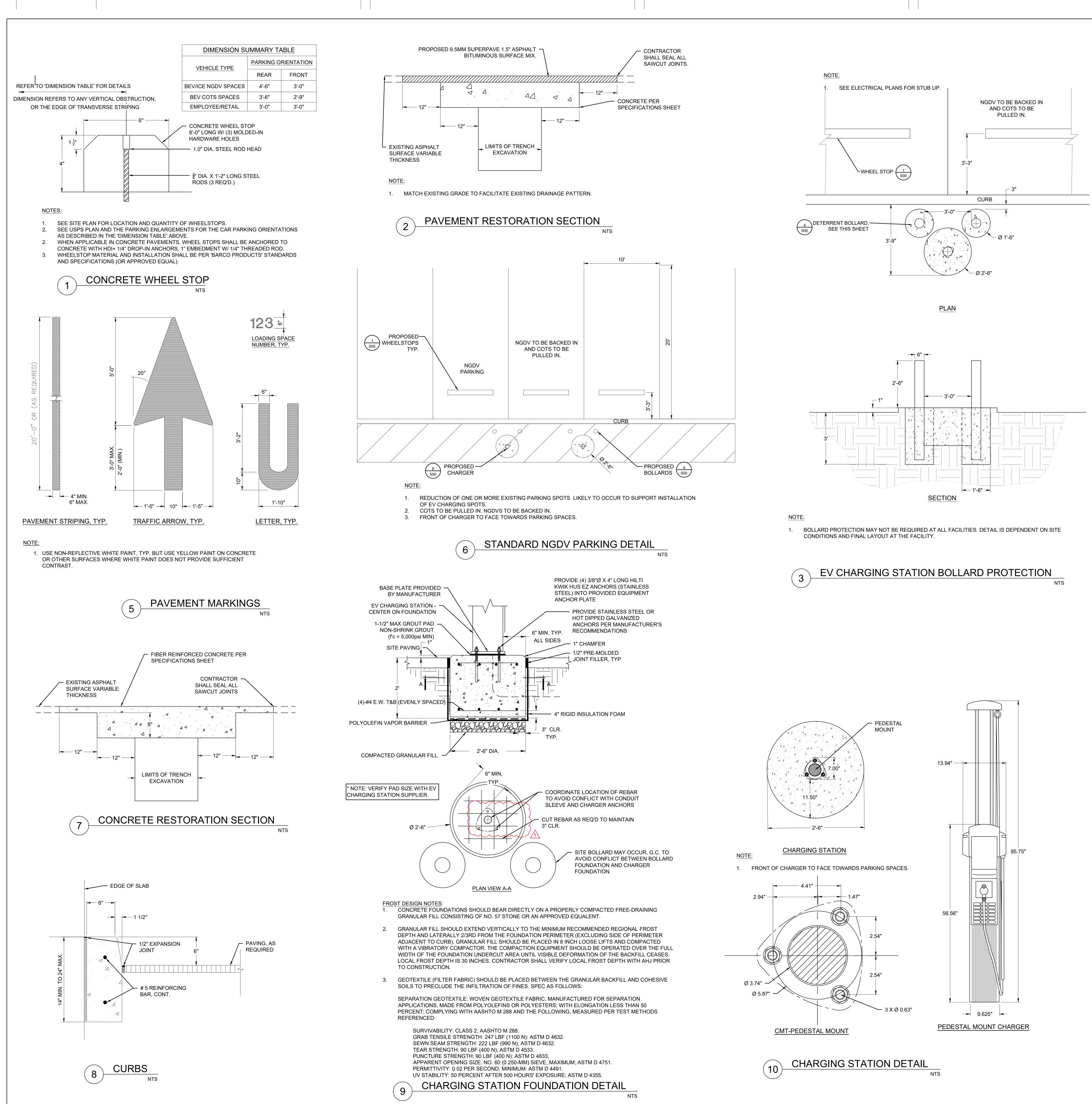
## LEGEND

* * * , * * * * * * * 4	EXISTING GRASS ARE
1/////	EXISTING BUILDING
	EXISTING PAINT STRI
X	EXISTING FENCE
	EXISTING GATE
	PROPOSED PAINT STI
4 7	PROPOSED PAVEMEN
	VMF PARKING
	EMPLOYEE PARKING
	VMF CHARGER PARKI

### NOTES:

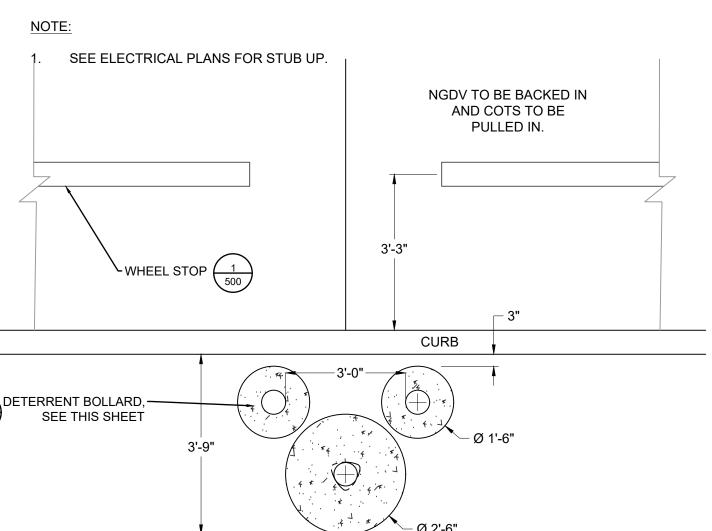
- LINES ARE DEPICTED ON THIS DATABASE.
- PRIOR TO COMMENCING ANY EXCAVATION. SHOWN HEREON.
- [GEOID 12B].
- EXISTING CONCRETE.
- SITE.
- CONDITIONS. (IE. GRASS=GRASS, CONCRETE=CONCRETE, ETC.)

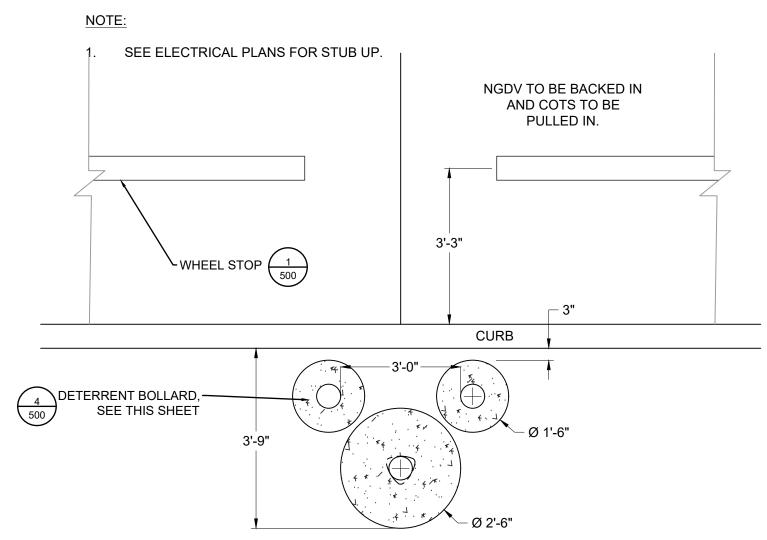
PARKING TYPE	PROVIE
EMPLOYEE PARKING	17
VMF PARKING	16
VMF CHARGING PARKING	2
*FINAL CHARGER SCHEDULE TO BE DEPICTED IN EL ASSOCIATED CHARGER PER PARKING NUMBER TO I ELECTRICAL PLANS.	

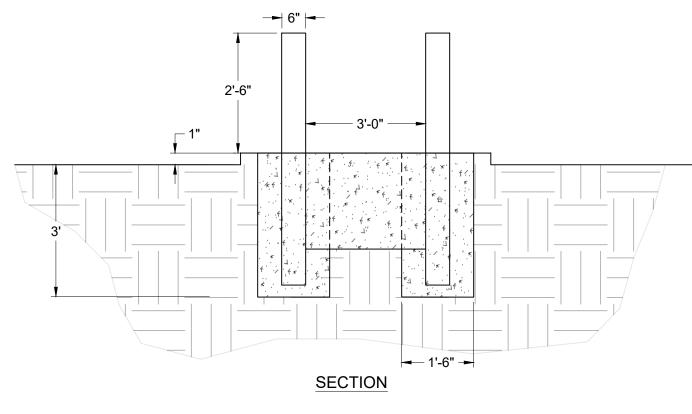


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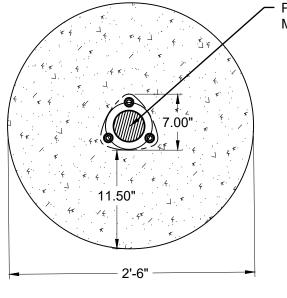
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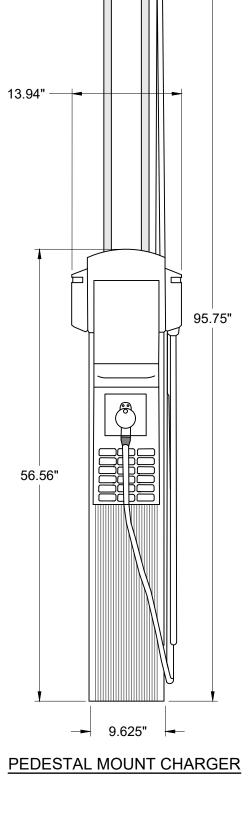


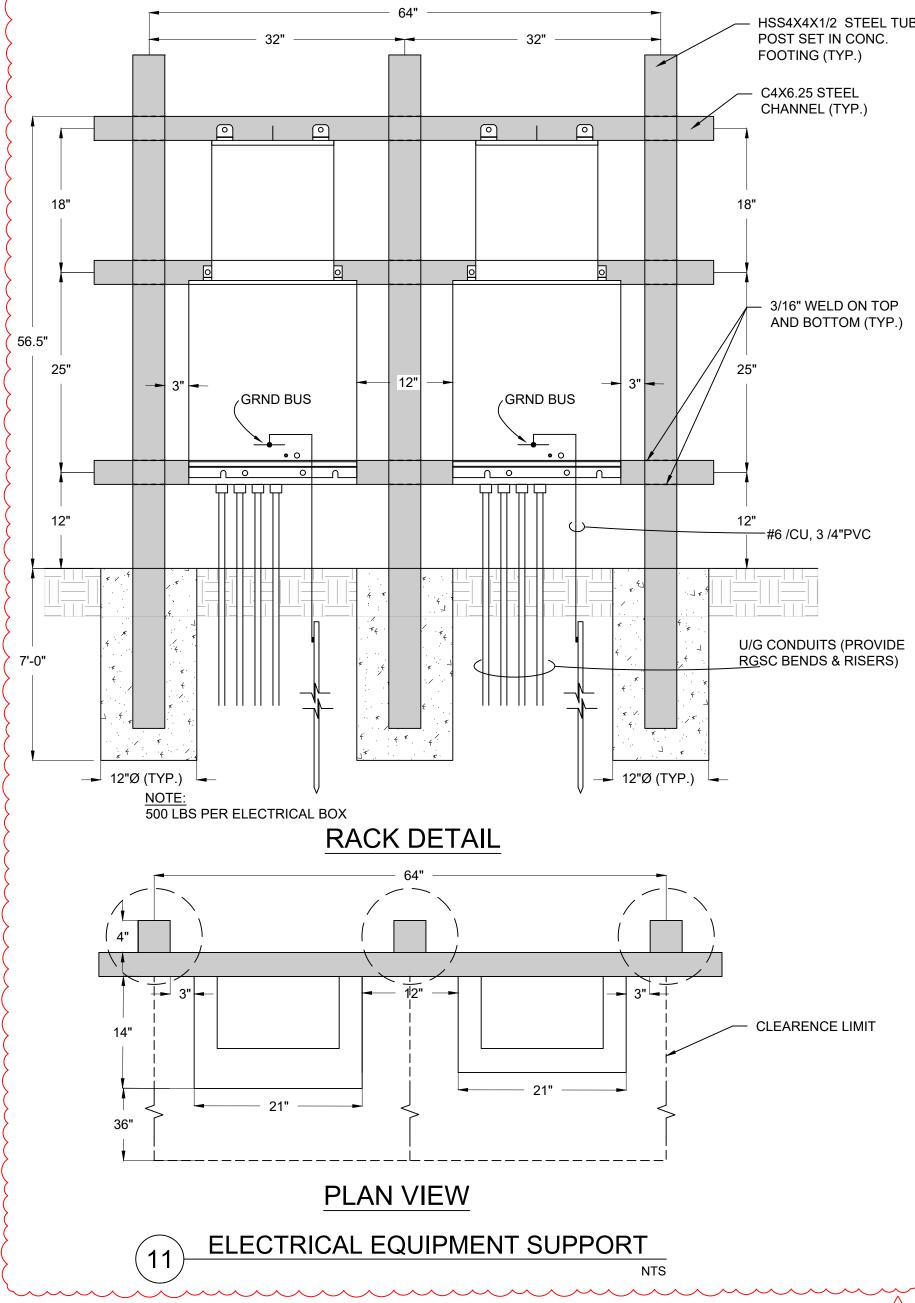






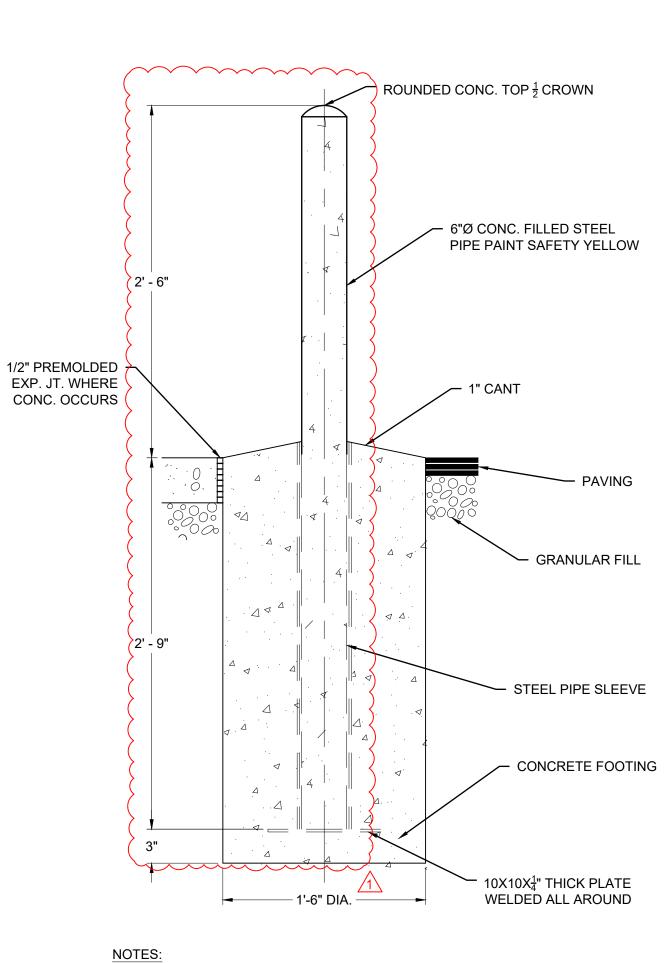


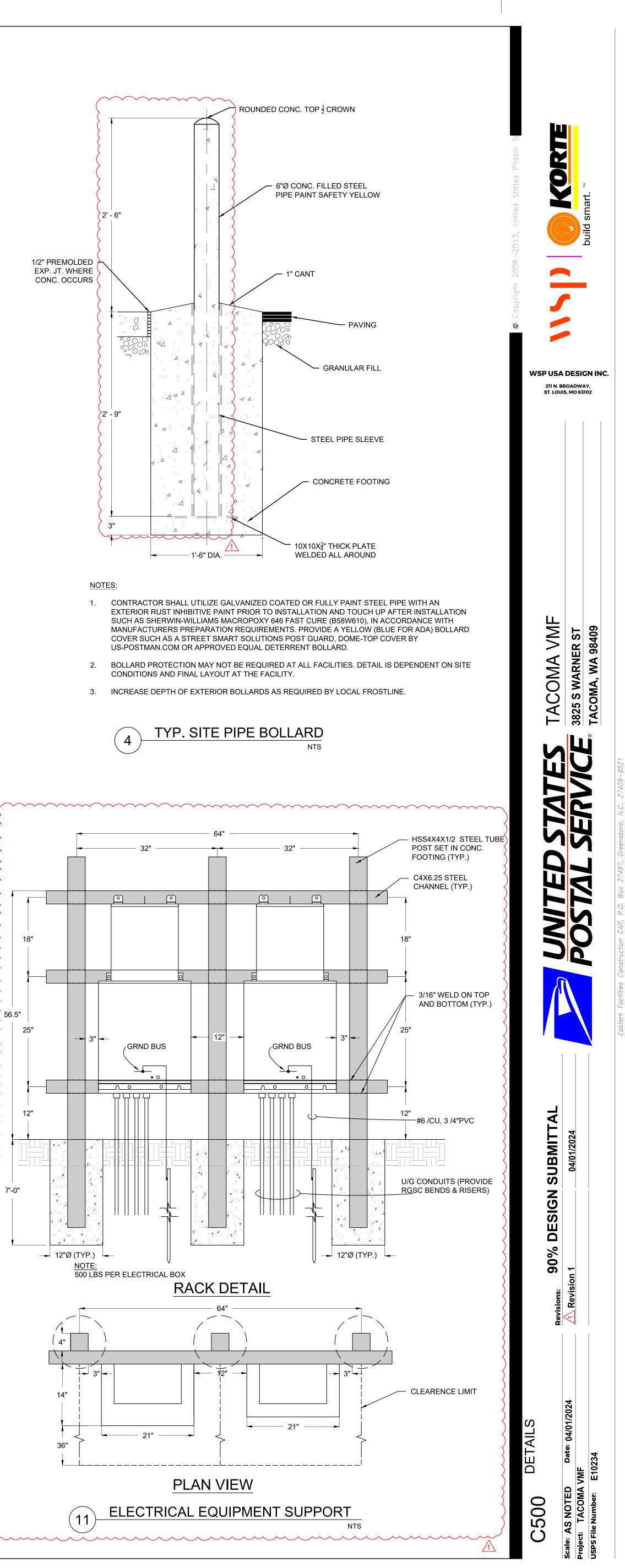


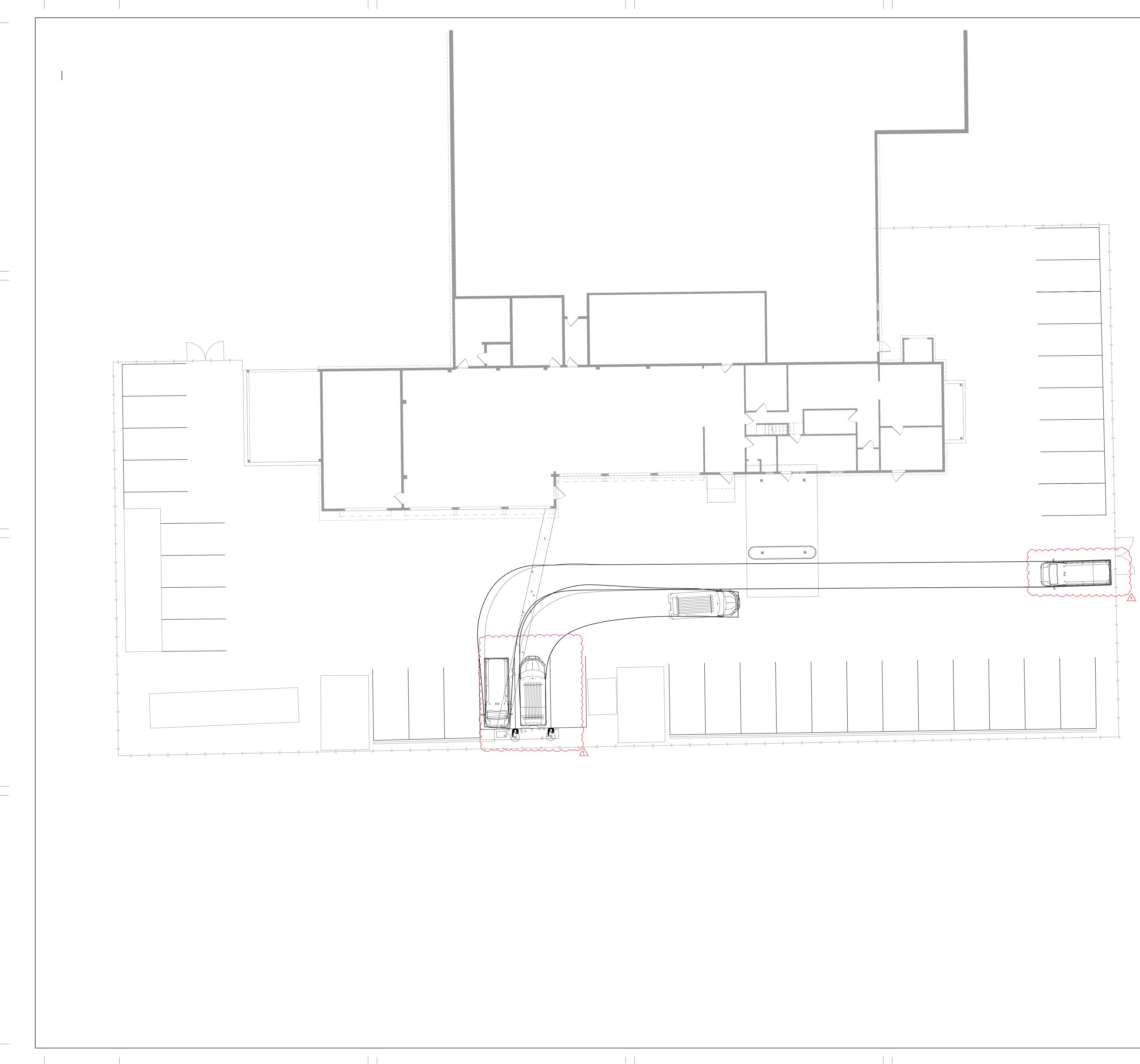


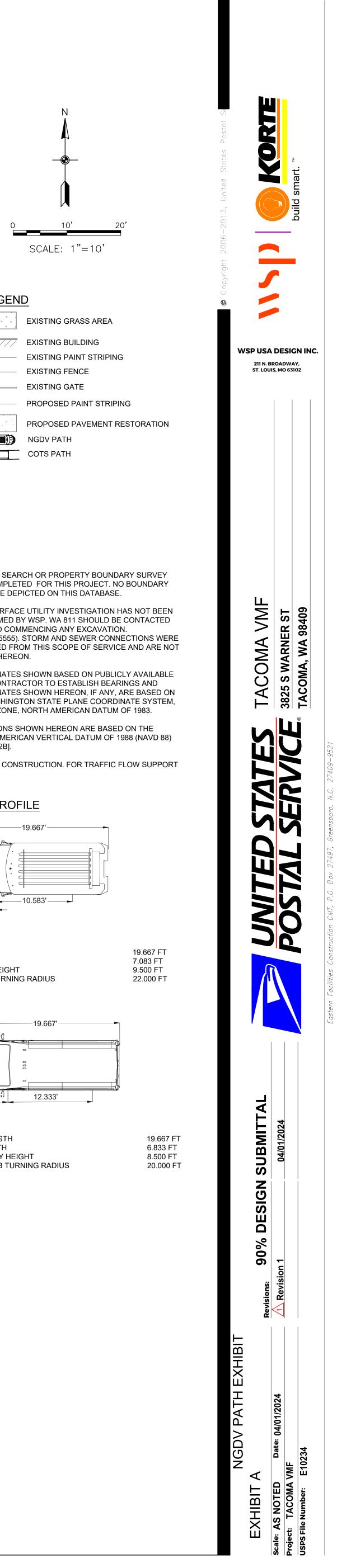
### TYP. SITE PIPE BOLLARD 4

- 3. INCREASE DEPTH OF EXTERIOR BOLLARDS AS REQUIRED BY LOCAL FROSTLINE.
- BOLLARD PROTECTION MAY NOT BE REQUIRED AT ALL FACILITIES. DETAIL IS DEPENDENT ON SITE CONDITIONS AND FINAL LAYOUT AT THE FACILITY.
- CONTRACTOR SHALL UTILIZE GALVANIZED COATED OR FULLY PAINT STEEL PIPE WITH AN EXTERIOR RUST INHIBITIVE PAINT PRIOR TO INSTALLATION AND TOUCH UP AFTER INSTALLATION SUCH AS SHERWIN-WILLIAMS MACROPOXY 646 FAST CURE (B58W610), IN ACCORDANCE WITH MANUFACTURERS PREPARATION REQUIREMENTS. PROVIDE A YELLOW (BLUE FOR ADA) BOLLARD COVER SUCH AS A STREET SMART SOLUTIONS POST GUARD, DOME-TOP COVER BY US-POSTMAN.COM OR APPROVED EQUAL DETERRENT BOLLARD.









+ + + , + + + + + + + + 4	EXISTING GRA
777777	EXISTING BUI
	EXISTING PAIR
X	EXISTING FEN
	EXISTING GAT
	PROPOSED PA
	PROPOSED P
	NGDV PATH
	COTS PATH

### NOTES:

### VEHICLE PROFILE

