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A	GENERAL NOTES:		STREET NOTES:		GRADING AND ESC NOTES:		A
	<div><div>1. NO CONSTRUCTION SHALL BE STARTED WITHOUT A NOTICE TO PROCEED BY THE CITY ENGINEERING DEPARTMENT. THE CITY ENGINEERING DEPARTMENT AND THE DESIGN ENGINEER SHALL BE NOTIFIED AT LEAST 24 HOURS PRIOR TO THE START OF CONSTRUCTION. ANY CONSTRUCTION WORK DONE PRIOR TO NOTICE TO PROCEED BEING ISSUED OR WITHOUT INSPECTION WILL BE REJECTED.</div><div>2. CONTRACTOR SHALL VERIFY ALL CONDITIONS ON THE JOB SITE INCLUDING BUT NOT LIMITED TO, ALL DIMENSIONS, GRADES, ELEVATIONS, EXTENT AND COMPATIBILITY TO THE EXISTING SITE CONDITIONS, AND WITH THE WORK DESCRIBED ON THE ENGINEER'S DRAWINGS. ANY DISCREPANCIES OR UNEXPECTED CONDITIONS THAT AFFECT OR CHANGE THE WORK DESCRIBED IN THE CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION IMMEDIATELY. CONTRACTOR SHALL NOT PROCEED WITH ANY OF THE WORK IN THE AREA OF DISCREPANCIES UNTIL ALL SUCH DISCREPANCIES ARE RESOLVED. IF THE CONTRACTOR CHOOSES TO DO SO, THEN IT IS UNDERSTOOD THAT THE CONTRACTOR IS CHOOSING TO PROCEED AT THE CONTRACTOR'S OWN RISK AND SHALL INCUR ALL COSTS, IF ANY TO RESOLVE THE ISSUES TO THE SATISFACTION OF THE ENGINEER.</div><div>3. A CITY INSPECTOR ACTING ON BEHALF OF THE CITY MAY REQUIRE REVISIONS IN PLANS TO SOLVE UNFORESEEN PROBLEMS THAT MAY ARISE IN THE FIELD.</div><div>4. ALL CONSTRUCTION WORK AND INSTALLATIONS SHALL CONFORM TO THE CITY STANDARDS AND SPECIFICATIONS, AND ALL WORK SHALL BE SUBJECT TO THE APPROVAL OF THE CITY.</div><div>5. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT "UNDERGROUND LOCATE SERVICE" AT 1-800-332-2344 AT LEAST 48 BUSINESS-DAY HOURS PRIOR TO THE START OF CONSTRUCTION FOR THE LOCATION OF POWER, GAS, CABLE TV AND TELEPHONE UNDERGROUND FACILITIES. THE CONTRACTOR WILL ALSO BE RESPONSIBLE FOR CONTACTING THE APPROPRIATE PUBLIC AGENCY FOR THE LOCATION OF UNDERGROUND FACILITIES.</div><div>6. ALL UTILITIES SHOWN ARE ACCURATE TO THE EXTENT OF AVAILABLE RECORDS AND KNOWLEDGE. NO POTHOLING TO VERIFY LOCATIONS AND ELEVATIONS WAS AUTHORIZED BY THE OWNER. THE CONTRACTOR HAS THE TOTAL RESPONSIBILITY TO VERIFY THE LOCATION OF EXISTING UNDERGROUND UTILITIES AND TO NOTIFY THE UTILITY COMPANIES WHEN WORKING IN THEIR PROXIMITY. CONTRACTOR TO VERIFY LOCATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION. OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH 952-001-0090. YOU MAY OBTAIN COPIES OF THE RULES BY CALLING THE CENTER. THE TELEPHONE NUMBER FOR THE OREGON UTILITY NOTIFICATION CENTER IS (503)232-2987.</div><div>7. ALL GRADING SHALL BE IN CONFORMANCE WITH THE CURRENT CITY STANDARDS AND SPECIFICATIONS AND CURRENT GRADING ORDINANCE. ALL SUBGRADE MATERIAL SHALL BE CONSIDERED CLASS A AND COMPACTED TO 95% OF OPTIMUM DENSITY. AS SPECIFIED IN THESE PLANS, ALL FILL MATERIAL SHALL BE COMPACTED TO 95% RELATIVE COMPACTION PER THE CITY TESTING REQUIREMENTS.</div><div>8. ALL FINAL CUT AND FILL SLOPES SHALL NOT EXCEED A GRADE OF 2 HORIZONTAL TO 1 VERTICAL UNLESS OTHERWISE APPROVED.</div><div>9. ALL UNSUITABLE SOILS MATERIALS, RUBBISH AND DEBRIS RESULTING FROM GRADING OPERATIONS SHALL BE REMOVED FROM THE JOB SITE AND DISPOSED OF PROPERLY.</div><div>10. THE CONTRACTOR SHALL EMPLOY ALL LABOR, EQUIPMENT, AND METHODS REQUIRED TO PREVENT DUST IN AMOUNTS DAMAGING TO PROPERTY, CULTIVATED VEGETATION AND DOMESTIC ANIMALS OR CAUSING A NUISANCE TO PERSONS OCCUPYING BUILDINGS IN THE VICINITY OF THE JOB SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE CAUSED BY DUST RESULTING FROM CONSTRUCTION.</div><div>11. THE CONTRACTOR SHALL FOLLOW ALL APPLICABLE INDUSTRIAL SAFETY REGULATIONS. THE CITY AND DESCHUTES COUNTY AND THEIR OFFICIALS, THE ENGINEER, AND THE OWNER SHALL NOT BE RESPONSIBLE FOR ENFORCING SAFETY REGULATIONS.</div><div>12. MATERIAL QUANTITIES USED, NOTED, OR PROVIDED IN A SEPARATE ITEMIZED QUANTITY TAKE-OFF ARE AN ENGINEER'S OPINION OF PROBABLE MATERIAL REQUIREMENTS, AND IS AN ESTIMATE ONLY. CONTRACTORS HAVE THE SOLE RESPONSIBILITY OF MAKING THEIR OWN QUANTITY TAKE-OFF AND COST ESTIMATE.</div><div>13. ALL WORK IN THE PUBLIC RIGHT OF WAY SHALL BE PERFORMED BY A CITY APPROVED CONTRACTOR (INCLUDING SUBCONTRACTORS).</div><div>14. UTILITIES SHALL HAVE THE RIGHT TO INSTALL, MAINTAIN, AND OPERATE THEIR EQUIPMENT ABOVE AND BELOW GROUND AND ALL OTHER RELATED FACILITIES WITHIN THE PUBLIC UTILITY EASEMENTS (PUE) IDENTIFIED ON THIS PLAT MAP AS MAY BE NECESSARY OR DESIRABLE IN SERVING THE LOTS IDENTIFIED HEREIN, INCLUDING THE RIGHT OF ACCESS TO SUCH FACILITIES AND THE RIGHT TO REQUIRE THE REMOVAL OF ANY OBSTRUCTIONS INCLUDING TREES AND VEGETATION THAT MAY BE PLACED WITH IN THE PUE AT THE LOT OWNERS EXPENSE. AT NO TIME MAY ANY PERMANENT STRUCTURES BE PLACED WITHIN THE PUE OR ANY OTHER OBSTRUCTION WHICH INTERFERES WITH THE USE OF THE PUE WITHOUT PRIOR WRITTEN APPROVAL OF THE UTILITIES AND FACILITIES IN THE PUE.</div><div>15. CITY ENGINEER'S SIGNATURE DOES NOT CONSTITUTE APPROVAL OF FACILITIES PROPOSED ON PRIVATE PROPERTY. SEPARATE PERMITS ISSUED BY THE BUILDING DEPARTMENT ARE REQUIRED AND SHALL BE OBTAINED BY THE DEVELOPER FOR FACILITIES LOCATED OUTSIDE OF THE PUBLIC RIGHT-OF-WAY.</div><div>16. ANY WORK WITHIN EXISTING PUBLIC RIGHT-OF-WAY OR DEDICATED CITY EASEMENTS REQUIRES A SEPARATE RIGHT-OF-WAY EXCAVATION PERMIT OBTAINED FROM THE CITY ENGINEERING DIVISION.</div><div>17. ALL WATER MAIN CONNECTION TO BE DESIGNED AND CONSTRUCTED WITH CROSS CONNECTION PROTECTION.</div><div>18. CONTRACTOR SHALL OBTAIN HYDRANT METER PERMIT FOR USE OF TESTING WATER MAIN. A MINIMUM OF 48 HOURS ADVANCED NOTICE IS REQUIRED TO THE CITY OF BEND UTILITIES DEPARTMENT.</div><div>19. ALL RESTORATION TO BE COMPLETED AS SOON AS POSSIBLE UPON COMPLETION AND APPROVAL FROM THE INSPECTOR FOR ON-SITE WORK AND UNDERGROUND WORK.</div><div>20. ALL RESTORATION SHALL COMPLY WITH CITY OF BEND STANDARDS AND SPECIFICATIONS AND FOLLOW THE BMP PAVING GUIDELINES ESTABLISHED BY STREET DEPARTMENT.</div><div>21. PRIOR TO IMPLEMENTING ANY TRAFFIC CONTROL PLANS, NOTIFICATION AND APPROVAL IS REQUIRED BY THE CITY OF BEND PRIVATE DEVELOPMENT ENGINEERING DEPARTMENT.</div><div>22. THESE PLANS WILL EXPIRE ONE YEAR FROM THE "CITY OF BEND ENGINEER" SIGNATURE DATE ON THE COVER.</div><div>23. PRIVATE INSPECTIONS WILL BE REQUIRED PER PART V OF THE CITY OF BEND STANDARDS AND SPECIFICATIONS UNLESS SPECIFIED OTHERWISE.</div></div> <td colspan="2"><div><div>1. IF ANY WORK (NEW CONSTRUCTION OR RECONSTRUCTION) IMPACTS A CURB WHERE THERE IS A PEDESTRIAN WALKWAY (E.G. A SIDEWALK OR TRAIL/PATH) INTERSECTING A ROADWAY THEN A NEW RAMP OR REPLACEMENT OF AN EXISTING NON-COMPLIANT CURB RAMP MUST BE CONSTRUCTED.</div><div>2. IF ANY NEW WORK INCLUDES RESURFACING THROUGH A STREET LEVEL PEDESTRIAN WALKWAY (E.G. MARKED OR UNMARKED CROSSWALK), EVEN IF THE WORK IS NOT THE FULL WIDTH OF THE ROADWAY, CURB RAMPS MUST BE BUILT OR RECONSTRUCTED ON BOTH ENDS OF THE CROSSWALK.</div><div>3. 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WHENEVER POSSIBLE, CONSTRUCT STORMWATER CONTROL FACILITIES (DETENTION/RETENTION STORAGE POND OR SWALES) BEFORE GRADING BEGINS. THESE FACILITIES SHOULD BE OPERATIONAL BEFORE THE CONSTRUCTION OR IMPERVIOUS SITE IMPROVEMENTS.</div><div>16. STOCKPILE MATERIALS (SUCH AS TOPSOIL) ONSITE MUST BE KEPT OFF OF ROADWAY AND SIDEWALKS.</div><div>17. COVER, CONTAIN AND PROTECT ALL CHEMICALS, LIQUID PRODUCTS, PETROLEUM PRODUCT, AND NON-INERT WASTES PRESENT ONSITE FROM VANDALISM. MAINTAIN A SUPPLY OF MATERIALS ON HAND TO ADDRESS AND CONTAIN SPILLS.</div><div>18. LOCATE DESIGNATED VEHICLE AND EQUIPMENT SERVICE AREAS, FUEL, AND MATERIALS AWAY FROM DRAINAGE INLETS, WATER COURSES, AND CANALS. PROPERLY CONTAIN AREAS USING BERMS, SAND BAGS, OR OTHER BARRIERS.</div><div>19. REGULARLY INSPECT AND MAINTAIN EQUIPMENT, ESPECIALLY FOR DAMAGED HOSES AND LEAKY GASKETS. CONDUCT MAINTENANCE AND REPAIR OF HEAVY EQUIPMENT AND VEHICLES (I.E. OIL CHANGES, FUEL TANK DRAIN DOWN, ETC) THAT MAY RESULT IN DISCHARGE OR SPILLAGE OF POLLUTANTS USING SPILL PREVENTION MEASURES, SUCH AS DRIP PANS. CLEAN ALL CONTAMINATED SURFACES IMMEDIATELY FOLLOWING ANY DISCHARGE OR SPILL INCIDENT. PERFORM REPAIRS ONSITE USING TEMPORARY PLASTIC OR OIL ABSORBING BLANKETS BENEATH THE VEHICLE.</div><div>20. DESIGNATE AN AREA FOR CLEANING PAINTING EQUIPMENT AND TOOLS. NEVER CLEAN BRUSHES OR RINSE CONTAINERS INTO THE STREET, GUTTER, DRAINAGE INLET, OR WATERWAY.</div><div>21. APPLY LANDSCAPING OR AGRICULTURAL CHEMICALS, INCLUDING FERTILIZERS AND PESTICIDES, IN SUCH A MANNER, AND AT APPLICATIONS RATES, THAT INHIBITS THE LOSS OF CHEMICALS INTO STORMWATER RUNOFF FACILITIES.</div><div>22. 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.</div><div>23. REMOVE TEMPORARY ESC BMPS WITHIN 30 DAYS AFTER THE TEMPORARY BMPS ARE NO LONGER NEEDED. PERMANENTLY STABILIZE AREAS THAT ARE DISTURBED DURING THE REMOVAL PROCESS.</div><div>24. KEEP SEDIMENT ON THE PROJECT SITE, TO THE MAXIMUM EXTENT PRACTICAL.</div><div>25. CONTROL FUGITIVE DUST FROM CONSTRUCTION ACTIVITY. DUST CONTROL MUST BE CONTINUOUS, PARTICULARLY DURING THE DRY SEASON.</div><div>26. DESIGNATE THE LOCATION OF A SLURRY PIT WHERE CONCRETE TRUCKS AND EQUIPMENT CAN BE WASHED OUT. SLURRY PITS ARE NOT TO BE LOCATED IN, OR UPSTREAM OF, A SWALE, DRAINAGE AREA, STORMWATER FACILITY, WATER BODY, OR IN AN AREA WHERE A STORMWATER FACILITY EXISTS OR IS PROPOSED.</div></div>		
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C	TRAFFIC CONTROL NOTES:						C
	<div><div>1. THE CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTING THE APPROVED TRAFFIC CONTROL PLAN (TCP) TO PROVIDE SAFE AND EFFICIENT VEHICULAR, BICYCLE AND PEDESTRIAN MOVEMENT IN AND AROUND THE WORK ZONES. CERTIFIED TRAFFIC CONTROL FLAGGERS AND PROFESSIONALS MAY BE REQUIRED PER THE CONDITIONS OF THE PERMIT. THE CITY OF BEND RESERVES THE RIGHT TO MODIFY THE TCP AT ANY TIME BASED ON FIELD CONDITIONS.</div><div>2. THE CONTRACTOR SHALL COMPLY WITH ALL PERMIT REQUIREMENTS INCLUDING THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND THE OREGON TEMPORARY TRAFFIC CONTROL HANDBOOK FOR OPERATIONS OF THREE DAYS OR LESS, DATED DECEMBER 2011 AND PREPARED BY ODOT (ORANGE BOOK).</div><div>3. UNLESS APPROVED BY THE CITY ENGINEER, ARTERIAL ROADS SHALL HAVE NO LANE RESTRICTIONS FROM 6:30 TO 9:00 AM AND FROM 3:30 TO 6:30 PM. COLLECTORS AND LOCAL NEIGHBORHOOD MAIN ROUTES SHALL HAVE NO LANE RESTRICTIONS FROM 7:00 AM TO 8:30 AM AND FROM 4:00 PM TO 6:00 PM.</div><div>4. TCP SHALL BE SUBMITTED TO THE CITY OF BEND A MINIMUM OF 14 DAYS PRIOR TO IMPLEMENTATION FOR REVIEW, 48 HOURS PRIOR TO IMPLANTATION THE CITY OF BEND SHALL BE NOTIFIED IN ORDER TO PROVIDE ADEQUATE PUBLIC NOTIFICATION.</div></div>						
D	UTILITIES NOTES:						D
	<div><div>1. UTILITIES CROSSING SHALL BE PERPENDICULAR (90 DEGREES) TO THE CITY WATER, STORM, AND SEWER LINES.</div><div>2. UTILITY CROSSINGS SHALL MAINTAIN A MINIMUM VERTICAL SEPARATION OF 12 INCHES FROM ALL WATER AND SEWER MAIN LINES.</div><div>3. ANY UTILITY THAT IS LOCATED PARALLEL TO A CITY WATER OR SEWER MAIN LINE SHALL MAINTAIN A MINIMUM OF 10-FT OF HORIZONTAL SEPARATION.</div><div>4. THE CITY REQUIRES VISUAL INSPECTION (POT HOLING) OF ALL UTILITY CROSSINGS OF CITY WATER, STORM, AND SEWER LINES. SEWER LINES MAY BE INSPECTED BY CLOSED CIRCUIT CAMERA AT THE APPROVAL OF THE CITY ENGINEER.</div><div>5. EXCAVATION AND DIRECTIONAL DRILLING REQUIRES POT HOLING PRIOR TO ANY WORK BEING CONDUCTED AND DURING DRILLING</div><div>6. DIRECTIONAL DRILLING REQUIRES ADVANCED PROFILING OF THE CROSSING BEFORE WORK CAN BE PERMITTED.</div><div>7. NO EXCAVATION IS PERMITTED WITHIN 10 FT BEHIND A FORCE MAINS, PRESSURE MAINS, FIRE HYDRANT OR WATER MAINS THRUST BLOCK.</div><div>8. UTILITY CROSSINGS SHALL MAINTAIN 2 FT CLEARANCE HORIZONTALLY FROM CITY UTILITIES SUCH AS MANHOLES, VALVE CANS, INLETS, CATCH BASINS, ETC.</div><div>9. UTILITY LINES SHALL NOT BE PLACED IN THE ROOT AREAS OF TREES AND SHALL MAINTAIN 5 FT CLEARANCE FROM THE DRIPLINE OF TREES OR AS DIRECTED BY THE CITY ENGINEER. ANY TREES DAMAGED ARE TO BE REPLACED</div><div>10. COMPACTION IS REQUIRED AND TESTING PER SECTION 09405.46 (C) OR AT THE DISCRETION OF THE CITY ENGINEER. ALL LIFTS MUST BE MECHANICALLY COMPACTED WITH ADEQUATE COMPACTION EQUIPMENT, WITH A MINIMUM OF 5 PASSES FOR EACH LIFT OR AS DIRECTED BY THE CITY.</div></div>						
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ENGINEERS

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CONSTRUCTION NOTES

DESCHUTES COUNTY, OREGON



CITY OF BEND

REVISIONS:

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[COMPANY NAME]

[COMPANY ADDRESS]

DESIGNED BY:

DRAWN BY:

SCALE:

FILE

DATE: / /

VERIFY SCALES

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EXISTING SITE CONDITIONS PLAN

SCALE:

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EXISTING CONDITIONS

DESCHUTES COUNTY, OREGON



CITY OF BEND

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EROSION CONTROL

DESCHUTES COUNTY, OREGON



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SITE PLAN & PROFILE

DESCHUTES COUNTY, OREGON



CITY OF BEND

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D														<div><div>DESIGNED BY: <div></div></div><div>DRAWN BY: <div></div></div><div>SCALE: <div></div></div><div>FILE: <div></div></div><div>DATE: <div></div> / <div></div> / <div></div></div></div> <div>VERIFY SCALES 0 <div></div> 1" BAR EQUALS ONE INCH ON ORIGINAL DRAWING</div> <div>SHEET: 6/7</div> <div>COB #</div>	
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