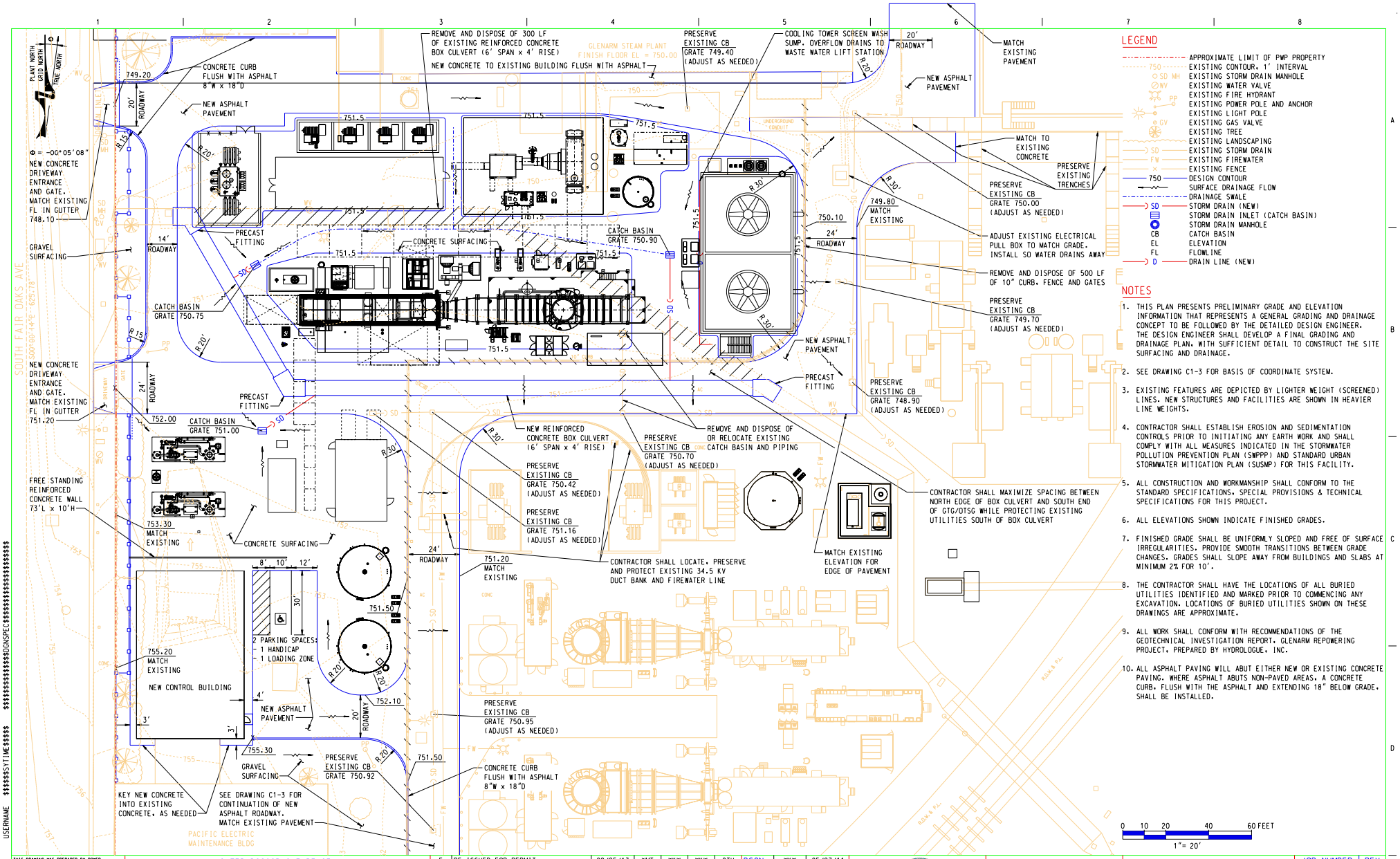
REMOVE AND DISPOSE OF 300 LF OF EXISTING REINFORCED CONCRETE BOX CULVERT (6' SPAN x 4' RISE)
NEW CONCRETE TO EXISTING BUILDING FLUSH WITH ASPHALT
GLENARM STEAM PLANT FINISH FLOOR EL = 750.00
PRESERVE EXISTING CB GRATE 749.40 (ADJUST AS NEEDED)
COOLING TOWER SCREEN WASH SUMP. OVERFLOW DRAINS TO WASTE WATER LIFT STATION
MATCH EXISTING PAVEMENT
NEW ASPHALT PAVEMENT
CONCRETE CURB FLUSH WITH ASPHALT 8"W x 18"D
749.20
20' ROADWAY
Φ = -06°05'08"
NEW CONCRETE DRIVEWAY ENTRANCE AND GATE. MATCH EXISTING FL IN GUTTER 748.10
GRAVEL SURFACING
14' ROADWAY
PRECAST FITTING
CONCRETE SURFACING
CATCH BASIN GRATE 750.90
CATCH BASIN GRATE 750.75
MATCH TO EXISTING CONCRETE
PRESERVE EXISTING TRENCHES
PRESERVE EXISTING CB GRATE 750.00 (ADJUST AS NEEDED)
749.80 MATCH EXISTING
750.10
24' ROADWAY
ADJUST EXISTING ELECTRICAL PULL BOX TO MATCH GRADE. INSTALL SO WATER DRAINS AWAY
REMOVE AND DISPOSE OF 500 LF OF 10" CURB, FENCE AND GATES
PRESERVE EXISTING CB GRATE 749.70 (ADJUST AS NEEDED)
NEW ASPHALT PAVEMENT
PRECAST FITTING
PRESERVE EXISTING CB GRATE 748.90 (ADJUST AS NEEDED)
NEW CONCRETE DRIVEWAY ENTRANCE AND GATE. MATCH EXISTING FL IN GUTTER 751.20
24' ROADWAY
752.00
CATCH BASIN GRATE 751.00
PRECAST FITTING
NEW REINFORCED CONCRETE BOX CULVERT (6' SPAN x 4' RISE)
PRESERVE EXISTING CB GRATE 750.42 (ADJUST AS NEEDED)
PRESERVE EXISTING CB GRATE 751.16 (ADJUST AS NEEDED)
PRESERVE EXISTING CB GRATE 750.70 (ADJUST AS NEEDED)
REMOVE AND DISPOSE OF OR RELOCATE EXISTING CATCH BASIN AND PIPING
CONTRACTOR SHALL MAXIMIZE SPACING BETWEEN NORTH EDGE OF BOX CULVERT AND SOUTH END OF GTG/OTSG WHILE PROTECTING EXISTING UTILITIES SOUTH OF BOX CULVERT
FREE STANDING REINFORCED CONCRETE WALL 73'L x 10'H
753.30 MATCH EXISTING
CONCRETE SURFACING
8', 10', 12'
30'
2 PARKING SPACES: 1 HANDICAP 1 LOADING ZONE
751.50
751.20 MATCH EXISTING
24' ROADWAY
CONTRACTOR SHALL LOCATE, PRESERVE AND PROTECT EXISTING 34.5 kV DUCT BANK AND FIREWATER LINE
MATCH EXISTING ELEVATION FOR EDGE OF PAVEMENT
755.20 MATCH EXISTING
NEW CONTROL BUILDING
4'
3'
NEW ASPHALT PAVEMENT
20' ROADWAY
752.10
PRESERVE EXISTING CB GRATE 750.95 (ADJUST AS NEEDED)
755.30
GRAVEL SURFACING
PRESERVE EXISTING CB GRATE 750.92
751.50
CONCRETE CURB FLUSH WITH ASPHALT 8"W x 18"D
KEY NEW CONCRETE INTO EXISTING CONCRETE, AS NEEDED
SEE DRAWING C1-3 FOR CONTINUATION OF NEW ASPHALT ROADWAY. MATCH EXISTING PAVEMENT
PACIFIC ELECTRIC MAINTENANCE BLDG
SOUTH FAIR OAKS AVE
PLANT NORTH
GRID NORTH
TRUE NORTH
LEGEND
APPROXIMATE LIMIT OF PWP PROPERTY
EXISTING CONTOUR, 1' INTERVAL
EXISTING STORM DRAIN MANHOLE
EXISTING WATER VALVE
EXISTING FIRE HYDRANT
EXISTING POWER POLE AND ANCHOR
EXISTING LIGHT POLE
EXISTING GAS VALVE
EXISTING TREE
EXISTING LANDSCAPING
EXISTING STORM DRAIN
EXISTING FIREWATER
EXISTING FENCE
DESIGN CONTOUR
SURFACE DRAINAGE FLOW
DRAINAGE SWALE
STORM DRAIN (NEW)
STORM DRAIN INLET (CATCH BASIN)
STORM DRAIN MANHOLE
CATCH BASIN
ELEVATION
FLOWLINE
DRAIN LINE (NEW)
NOTES
1. THIS PLAN PRESENTS PRELIMINARY GRADE AND ELEVATION INFORMATION THAT REPRESENTS A GENERAL GRADING AND DRAINAGE CONCEPT TO BE FOLLOWED BY THE DETAILED DESIGN ENGINEER. THE DESIGN ENGINEER SHALL DEVELOP A FINAL GRADING AND DRAINAGE PLAN, WITH SUFFICIENT DETAIL TO CONSTRUCT THE SITE SURFACING AND DRAINAGE.
2. SEE DRAWING C1-3 FOR BASIS OF COORDINATE SYSTEM.
3. EXISTING FEATURES ARE DEPICTED BY LIGHTER WEIGHT (SCREENED) LINES. NEW STRUCTURES AND FACILITIES ARE SHOWN IN HEAVIER LINE WEIGHTS.
4. CONTRACTOR SHALL ESTABLISH EROSION AND SEDIMENTATION CONTROLS PRIOR TO INITIATING ANY EARTH WORK AND SHALL COMPLY WITH ALL MEASURES INDICATED IN THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) AND STANDARD URBAN STORMWATER MITIGATION PLAN (SUSMP) FOR THIS FACILITY.
5. ALL CONSTRUCTION AND WORKMANSHIP SHALL CONFORM TO THE STANDARD SPECIFICATIONS, SPECIAL PROVISIONS & TECHNICAL SPECIFICATIONS FOR THIS PROJECT.
6. ALL ELEVATIONS SHOWN INDICATE FINISHED GRADES.
7. FINISHED GRADE SHALL BE UNIFORMLY SLOPED AND FREE OF SURFACE IRREGULARITIES. PROVIDE SMOOTH TRANSITIONS BETWEEN GRADE CHANGES. GRADES SHALL SLOPE AWAY FROM BUILDINGS AND SLABS AT MINIMUM 2% FOR 10'.
8. THE CONTRACTOR SHALL HAVE THE LOCATIONS OF ALL BURIED UTILITIES IDENTIFIED AND MARKED PRIOR TO COMMENCING ANY EXCAVATION. LOCATIONS OF BURIED UTILITIES SHOWN ON THESE DRAWINGS ARE APPROXIMATE.
9. ALL WORK SHALL CONFORM WITH RECOMMENDATIONS OF THE GEOTECHNICAL INVESTIGATION REPORT, GLENARM REPOWERING PROJECT, PREPARED BY HYDROLOGUE, INC.
10. ALL ASPHALT PAVING WILL ABUT EITHER NEW OR EXISTING CONCRETE PAVING. WHERE ASPHALT ABUTS NON-PAVED AREAS, A CONCRETE CURB, FLUSH WITH THE ASPHALT AND EXTENDING 18" BELOW GRADE, SHALL BE INSTALLED.
0 10 20 40 60 FEET
1"= 20'
USERNAME $$$$$$$SYSTIME$$$$$$
$$$$$$$$$$$$$$$$$$$$DONSPEC$$$$$$$$$$$$$$$$$$$