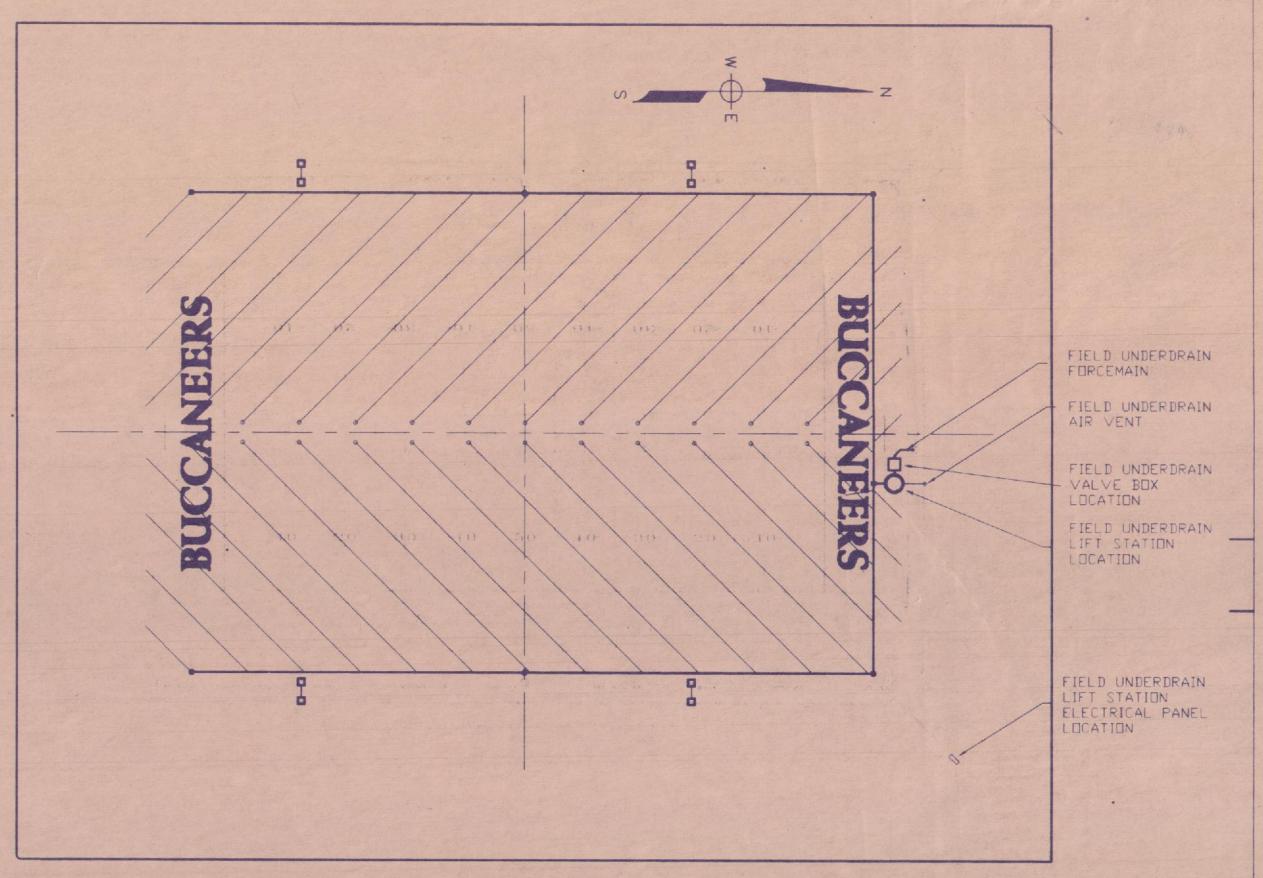


REFER TO LOCATION PLAN ON THIS SHEET FOR ORIENTATION /LOCATION OF INFLOW PIPE, VALVE BOX, CONDUIT, VENT,...ETC. REFER TO SITE PLAN FOR VENT PIPE LOCATION - VINYL COATED STEEL VENT CAP 4" DIA SCH. 80 P.V.C. VENT WITH INSECT SCREEN 6" MIN. -2.0'X2.0'X4" CONCRETE COLLAR FINISHED FIELD GRADE = 36.9' STADIUM FIELD WALL-8" CONCRETE SLAB - MAINTAIN CLEARANCE BETWEEN AUXILIARY 2-#4 TYP. 3-8 E.F. 4" DIA. SCH. 80 P.V.C. VENT CABLE HOLDER PUMP CONNECTION AND EDGE OF HATCH TOTAL 8 BARS / PROVIDE HASP -60"x60" HINGED ALUMINUM HATCH COVER CENTERED IN Z 6"x8" REINF. CONC. COLLAR_ FOR PADLOCK OPENING WITH PADLOCK HASP, U.S. FOUNDARY, HALLIDAY, W/1 #5 BAR CONTINUOUS OR EQUAL, RATED 300 P.S.F. - 30 MIL. POLYETHYLENE -LINER - CONC. SLAB 12" MAX. EL.=35.5 EL.=35.5 The state of the s 4" 90"BEND _ 4" HOSE CONNECT UNDER 18 HP PUMPS > ADAPTOR & CAP SCH. 80 CONDUIT CONDUITS TO 18 HP AND OVER CONTROL PANEL USE 3" P.V.C. OPENING SS RAILS. PROVIDE CORE HOLE AND SEAL SCH. 80 CONDUIT. INTERMEDIATE SUPPORTS - NON-SHRINK WITH WHEN 6" PIPE IF RAILS ARE OVER 20 FT. HOLD THIS DIM. 7 8" MINIMUM -PRE-FABRICATED REINFORCED CONCRETE WET WELL PER ASTM C-478 SLOPE 5" TRANSITION TEE & ADAPTER WITH 8' I.D. WELL EXPOSED AGGREGATE COATING, EQUAL 12 R.V.C. S.D.R. 35 TEE TO THAT AS MANUFACTURED BY *"HEAD" MFG. INC. 2" SCH. 80 / 12" PVC MONOLITHIC BASE & WALL SECTION FLANGED CHECK VALVE __ 6 (HIGH LEVEL ALARM) W/#4 BAR 12" O.C.E.W. (TYP.) W/OUTSIDE SPRING AND LEVER INV. ELEV. 29.50 V ELEV. 29.50 CONC. CRADLE SUPPORT UNDER OUTSIDE VALVES (LAG PUMP ON) 8" OF COMPACTED 3/4" -ROCK GRAVEL (LEAD PUMP ON) CORE HOLE AND SEAL ANNULUS WITH ELEV. 29.00' PORTLAND TYPE II CEMENT AND FIRE CURED CLAY BRICK VALVE PIT (PUMPS OFF) ELEV. 27.00 ELASTOMERIC N.T.S. GASKET BOOT PREMOLDED PLASTIC -JOINT SEALER (TYP.) 12" P.V.C. PIPE S.D.R. 26-LENGTH AS REQUIRED -1 90° EL. SDR 35 P.V.C. -DISCHARGE CONNECTION (ENCASED IN FILLET). ROTATE AWAY FROM CENTER OF PUMP VOLUTES ANCHOR BOLTS PER-PUMP MFGR. RECOMMENDATION BASE CIRCUMFERENCE 11.0'X11.0' SQUARE BASE — 4000 PSI STRUCT. REINF. CONC. FLOOR SLAB 8" OF COMPACTED 3/4" ROCK GRAVEL WET WELL N.T.S.

> PUMP DATA MANUFACTURER, _ FLYGT OR EQUIV. MOD. No. C-3127 CP IMP No. 438 MOTOR, 7.5 H.P. 1750 RPM, 230/460 VOLTS, _____ PHASE, 60 HERTZ.

OPERATING CONDITIONS: 7.00 GPM AT 17.4'FT. T.D.H. 53.2 % EFFICIENCY

WET WELL SIZED FOR MINIMUM PUMP CYCLE TIME OF 10 MINUTES AND A MAXIMUM OF 6 PUMP STARTS PER HOUR. WORKING DEPTH 2' FT. WORKING VOLUME 752 GALS.



LOCATION PLAN

THE CONTRACTOR SHALL SUBMIT DETAILED SHOP DRAWINGS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF FLORIDA CERTIFYING COMPLIANCE WITH THE PLANS AND SPECIFICATIONS AND INCLUDING ANY REQUIRED ADDITIONAL DESIGN/CONSTRUCTION DATA ASSOCIATED WITH THE LIFT STATION NOT OTHERWISE PROVIDED. THE OWNER'S ENGINEER SHALL RESERVE THE RIGHT TO DETERMINE THE EQUIVALENCY OF PROPOSED SUBSTITUTED EQUIPMENT AND/OR DESIGN MODIFICATION ALONG WITH THE APPROVAL OF THE UTILITY COMPANY. THE PUMP MANUFACTURER'S REPRESENTATIVE SHALL BE PRESENT AT THE TIME OF PUMP START-UP TO INITIATE WARRANTY PERIOD. A REPRESENTATIVE OF THE UTILITY COMPANY SHALL ALSO BE PRESENT. 3. ALL HATCH COVERS AND ELECTRICAL PANELS SHALL RECEIVE A PADLOCK AND HASP

WETWELL NOTES:

1. THE WETWELL SHALL CONSIST OF PRECAST REINFORCED CONCRETE SECTIONS PLACED

1. THE WETWELL SHALL CONSIST OF PRECAST REINFORCED TO WITHSTAND FULL HYDROSTATIC UP-LIFT ASSUMING THE MAXIMUM WATER TABLE IS LEVEL WITH THE TOP SLAB ELEVATION. THE FOUNDATION SHALL BE CAST MONOLITHICALLY WITH THE LOWEST WETWELL SECTION. THE WETWELL SECTIONS SHALL BE DESIGNED TO WITHSTAND LATERAL PRESSURE IMPOSED BY THOROUGHLY COMPACTING SUBMERGED FILL PLUS 500 P.F.S. SURCHARGE. THE SLAB SHALL BE DESIGNED TO WITHSTAND A UNIFORMLY DISTRIBUTED LIVE LOAD OF 200 P.S.F. . THE INTERIOR WALLS OF THE WETWELL SHALL BE PAINTED WITH TWO (2) COATS OF COLD TAR EPOXY.

FORCE MAIN DATA ALL FORCE MAIN PIPE SHALL BE JOHNS-MANSVILLE RING-TITE P.V.C. PIPE CLASS 160, TYPE 1, GRADE 1 (SDR-26).

WITH ONE COMMON KEY OPERATING ALL LOCKS.

ELECTRICAL NOTES CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY AVAILABLE ELECTRICAL SERVICE BEFORE ANY EQUIPMENT IS ORDERED. ENGINEER-OF-RECORD SHALL BE NOTIFIED IMMEDIATELY ONCE ABOVE CONDITIONS ARE KNOWN. 2. CONTROL LOGIC DESCRIPTION

FLOAT SWITCH FS-1 SHALL BE ABLE TO TURN OFF ALL PUMPS. FLOAT SWITCH FS-2 SHALL BE CONNECTED TO AN ALTERNATOR WHICH SHALL BE ABLE TO ENERGIZE THE DUTY PUMP (PUMP NO. 1 OR PUMP NO. 2). FLOAT SWITCH FS-3 SHALL BE CONNECTED TO AN ALTERNATOR WHICH SHALL BE ABLE TO ENERGIZE THE LAG PUMP. FLOAT SWITCH FS-4 SHALL BE ABLE TO TURN ON THE WARNING LIGHT DURING A HIGH WATER LEVEL CONDITION. THIS WARNING SHOULD BE TURNED OFF BY A MANUAL 3. A COUNTER SHALL BE ADDED TO EACH MOTOR STARTER CONTROL CIRCUIT IN ORDER TO

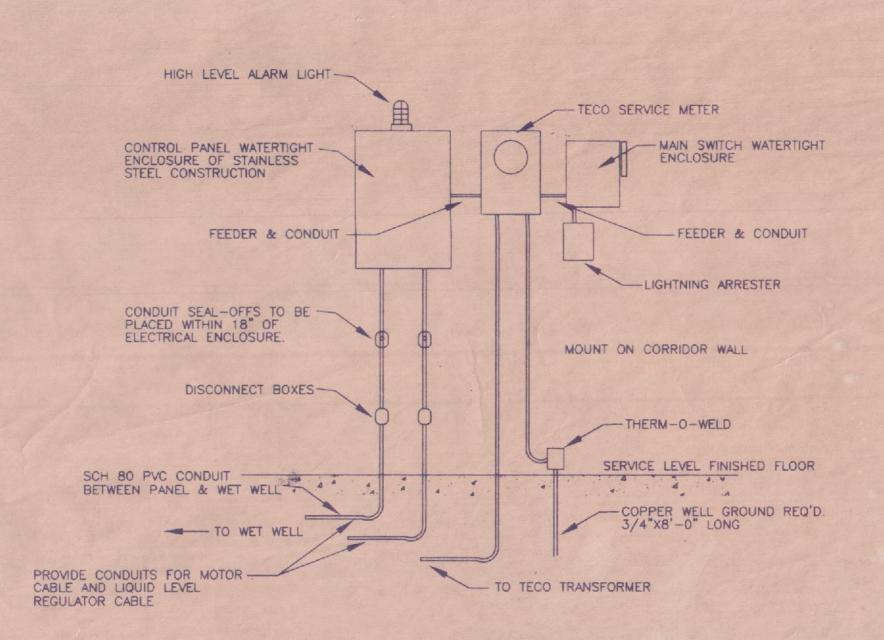
MONITOR THE NUMBER OF TIMES EACH MOTOR HAS BEEN ENERGIZED. 4. AN ELAPSED TIME METER SHALL BE ADDED TO EACH MOTOR-STARTER CONTROL CIRCUIT IN ORDER TO MONITOR THE NUMBER OF HOURS THE MOTOR HAS BEEN ENERGIZED. 5. PANEL MANUFACTURER SHALL PROVIDE SURGE CAPACITOR PHASE MONITOR AND

AUXILIARY POWER RECEPTACLE INCLUDING EMERGENCY CIRCUIT BREAKER AND REQUIRED INTERLOCK LOGIC WITH MAIN CIRCUIT BREAKER. 6. PANEL SUPPLIER SHALL SUBMIT ELECTRICAL SHOP DRAWINGS FOR APPROVAL AND A COPY SHALL BE SENT TO CHARLOTTE ENGINEERING AND SURVEYING, INC. 7. SEAL-OFFS SHALL BE PLACED WITHIN 18" OF ELECTRICAL ENCLOSURE. SEAL-OFFS

8. THE CONTRACTOR SHALL VERIFY WITH THE PUMP MANUFACTURER ALL

SHALL BE CROUSE-HINDS OR EQUIVALENT.

ELECTRICAL REQUIREMENTS FOR THIS LIFT STATION. ALL WORKMANSHIP AND MATERIALS SHALL CONFORM WITH THE N.E.C. OR LOCAL CODES, WHICHEVER IS STRICTER. 9. USE STA-CON, INC. 3825 REGULATOR SEQUENCING DUPLEX CONTROL PANEL. CONTRACTOR SHALL DETERMINE THE TRIP AMP BREAKERS REQUIRED AND STARTER SIZE REQUIRED.



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ONE TAMPA CITY CENTER, SUITE 3000 TAMPA, FLORIDA 33602 OCAL ARCHITECT HOWARD & ASSOCIATES, ARCHITECT, P.A. 3300 HENDERSON BOULEVARD, SUITE 202 TAMPA, FLORIDA 33609

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M E ENGINEERS 4251 KIPLING STREET, SUITE 400 WHEAT RIDGE, COLORADO 80033 TANASE & ASSOCIATES, INC. 3701 WEST SWANN AVENUE TAMPA, FLORIDA 33609

HOK TAMPA ONE TAMPA CITY CENTER, SUITE 3000 TAMPA, FLORIDA 33602 CIVIL ENGINEER CHARLOTTE ENGINEERING 1700 EL JOBEAN ROAD PORT CHARLOTTE, FLORIDA 33948 GEOTECHNICAL CONSULTANT LJ NODARSE & ASSOCIATES, INC 716 HOWARD AVENUE TAMPA, FLORIDA 33606

LANDSCAPE ARCHITECT O'NEIL PLANNING & DESIGN SERVICES, INC. 5445 MARINER STREET, SUITE 310 TAMPA, FLORIDA 33609 FOOD SERVICE CONSULTANT CINI-LITTLE INTERNATIONAL, INC. 1900 N. ROSELLE RD , SUITE 407 SCHAUMBURG, IL 60195

AUDIO/VISUAL/ACOUSTICAL WRIGHTSON, JOHNSON, HADDON, WILLIAMS, INC. 13714 GAMMA ROAD, SUITE 110 DALLAS, TX 75244

PACKAGE "D" ENVELOPE NO. DATE DESCRIPTION

PROJECT NO. ISSUED BY:
95-360-22 HOK SPORT REVIEWED BY:

Feb. 17, 1997 STADIUM

PLAYING FIEL