



CONTRACTOR SHALL LOCATE NEW STATION CONTROLLER NEXT TO EXISTING CONTROLLER ON FORRESTAL DRIVE. THE REMAINING TWO STATIONS ON EXISTING CONTROLLER ARE TO BE USED TO OPERATE THE NEW SYSTEM. THESE TWO CONTROL WIRES HAVE NOT BEEN STUBBED OUT. SEE SPECS FOR DETAIL.

CONSTRUCTION NOTES

Area A

The Contractor is responsible to survey and stake this upper parking lot per dimensions. The contractor is to notify the City after staking to obtain their approval of the layout prior to construction of the railroad tie perimeter.

The Contractor shall install railroad ties around the perimeter of this area per dimensions and construction notes. Refer to the specifications for information governing work in this area.

The railroad ties are to be 8' feet long. Each tie is to be anchored to the ground by pounding a 1/2" inch diameter pipe 24" inches long thru a drilled hole in the tie centered 12" inches from each end. Contractor is to select ties to that abutted ends are of similar height when anchored. No pipe is to extend above the surface of any tie.

The pipe railing is to be constructed of 1 1/2" diameter galvanized pipe with threaded elbows and tees. The vertical posts are to be 8 feet on center and set in a concrete footing measuring 10" inches in diameter by 24" inches deep with 2" inches of pipe exposed to the soil below the footing. Each post is to be set in the AC drive 12" inches away from the edge of the existing paving. The horizontal pipe members are to be 30" inches above finish surface, continuous.

Area B

No field equipment is required. No railroad ties are to be installed in this area. Refer to the specifications for information governing work in this area.

The Contractor is responsible to survey and stake this playing field per dimensions. The Contractor is to notify the City after staking to obtain their approval of the layout prior to clearing and grubbing.

This area is to be cleared and grubbed per demolition specifications, irrigated per this plan-sheet and irrig. specifications and finish graded.

The Contractor shall improve the seed bed to a depth of 2" inches by raking for rock removal and shall be responsible for the surface rock removal of material 1" inch diameter and larger. This area shall be weed controlled per specifications.

The Contractor shall plant this area per the planting specifications with the following hydroseed turf mix:

1. Hulled Bermuda	1 LB. /1000 S.F.
2. Perennial Rye 'Manhattan'	4 LBS. /1000 S.F.
3. Alta Fescue	9 LBS. /1000 S.F.
TOTAL	14 LBS. /1000 S.F.

Area C

The Contractor is responsible to survey and stake this lower parking lot per dimensions. The Contractor is to notify the City after staking to obtain their approval of the layout prior to construction of the railroad tie perimeter.

This area is not to be cleared or grubbed by the Contractor except for an area wide enough to construct the railroad tie border.

The Contractor shall install railroad ties around the perimeter of this area per dimensions and construction notes.

The railroad ties at the southern border shall be 15' minimum away from the existing concrete drainage swale. There are to be no railroad ties installed along the northerly and northeasterly borders as shown.

LIGHTING: Contractor shall install four fixtures on top of the existing 15' foot pole after removing the existing horns. The fixtures are to be 4" Sylvania BK 1000 H.P.S. with lamps (voltage not determined). Mount the fixtures on 1" Sylvania bracket A9-SF-2. Contractor is to notify the manufacturer of the O.D. at the top of pole to accept the bracket.

LIGHTING: BID ALTERNATE NO. 1: Contractor shall install 1-Volmont pole DS-210 90R30P2, 1-Quality Lighting-2 bracket, 2-Quality Lighting-115-30A H.P.S. 1000 fixtures in the center of the parking lot. Contractor shall install electric conduit in trenches per City standards. Concrete footing to be per manufacturer specifications. Verify location of pole with City representative prior to placement.

- Legend**
- INDICATES AREA OF CONSTRUCTION
 - PIPE HANDRAIL - SEE AREA 'A'
 - RR TIES, CONTINUOUS - SEE AREA 'A' & 'C'
 - 10% OF SLOPE
 - EXISTING FIELD LIMIT - SEE AREA 'B'
 - PROPOSED FIELD LIMIT - SEE AREA 'B'
 - IRRIGATION FOR AREA 'B'
 - BLUNKNER 1330 R. RUB. COV. ROTOR RP-HP 7/8" NOZZLE, 60' RAD., 18 G.P.M., 60 PSI, 360°
 - HYDROMAT 100 2 FC 2" ELEC. CONTROL VALVE SEE SPEC. DETAILS.
 - EXISTING ELEC. CONTROL VALVES
 - PRESSURE MAIN LINE TRANSITE - PVC CLASS 200 FOR SIZES 2 1/2 AND LARGER - PVC 2 1/2 40 FOR SIZES 2 AND SMALLER
 - NON-PRESSURE LATERAL LINE PIPING - PVC CLASS 200 - SIZE NOTED
 - RAINBIRD CONTROLLER 'B' SHALL BE RC-8-15 PER MOUNT, PED-CP

