Lakeview & Plaza Middle Schools Track Renovation
Kansas City, MO

ADDENDUM #2 January 24, 2019

This addendum forms a part of the Contract Documents and modifies the original Bid Documents and Project Manual dated January 8, 2019.

Acknowledgement of the addendum is required in the Bid Form.

CLARIFICATIONS:

1. A 25’ flagpole is to be provided and installed at both middle school sites. Location will generally be between the school and the track and will be field located during construction. The flagpole will not be lit. See attached cut sheet as the Basis of Design, Eder Flag, 25’ tall Model ECX25.

CHANGES TO PROJECT MANUAL

1. N/A

CHANGES TO DRAWINGS

1. Lakeview MS Sheet C605 – Remove and replace in its entirety with the attached sheet. (Drainage Revisions)
2. Lakeview MS Sheet PF1.01 – Remove and replace in its entirety with the attached sheet. (revised radius dimensions)
3. Lakeview MS Sheet PF3.01 & PF3.02 – Remove and replace in its entirety with the attached sheet. (Clarification of irrigation materials)
4. Plaza MS Sheet PF3.01 – Remove and replace in its entirety with the attached sheet. (Clarification of irrigation materials)

END OF ADDENDUM 2
5" - 14 gauge spun aluminum ball gold anodized.

Single sheave truck, cast aluminum revolving, non fouling type

1 Set of halyard, #10 poly

2 Bronze swivel snaps with covers

1 - 9" Cast Aluminum Cleat

Aluminum flash collar

3000 PSI concrete

Hardwood wedges (supplied by others)

Dry sand tightly tamped after aligning pole

Foundation sleeve -16 ga hot dip galvanized steel

Steel centering wedges

1/4" Steel base plate

1/4" Steel support plate welded to grounding spike

All shafts with overall length of more than 38'-6" are shipped in two sections.

Each section matched marked for field assembly. Exposed portion of jam sleeve must be well lubricated prior to assembly.

1-1/2" maximum shop gap allowed for field fitting (ram for tight joint)
Kiss what's below. Call before you dig.
REMOTE CONTROL VALVE
MODEL ICV - SIZE AS NOTED ON PLAN
FINISH GRADE
3/4" MINUS WASHED GRAVEL
BRICK SUPPORTS (4)
MAIN LINE PIPE & FITTINGS
SCH 80 T.O.E. NIPPLE
STANDARD VALVE BOX
WATERPROOF CONNECTORS (2)
18-24" COILED WIRE
PVC SLIP UNIONS
CHRISTY ID TAG
LATERAL PIPE
LATERAL TEE OR ELL
MODEL I-25 ROTOR HEAD
PREFABRICATED SWING JOINT
FINISH GRADE
RUBBER COVER
CONTROL WIRE IN ELECTRICAL CONDUIT. SIZE AND TYPE PER LOCAL CODE
* NOTE:
18 STATION MODEL CONTROLLER. MOUNT CONTROLLER IN OUTDOOR MECHANICAL AREA OF BUILDING PER MFGS. RECOMMENDATION. CONTROLLER SHALL BE HARD-WIRED TO GROUNDED 110 VAC SOURCE. CONTROLLER TO BE EQUIPPED AND INCLUDE HANDHELD KIT.
3/4" POWER SUPPLY CONDUIT
J BOX INSIDE CONTROLLER
CONNECT PER LOCAL CODE

IRRIGATION HEAD INSTALLATION

VALVE BOX

CONTROLLER

BOOSTER PUMP FURNISHED AND INSTALLED BY CONTRACTOR. MUNRO MODEL CP100B COMPLETE PRO II (VERIFY PRESSURE) WITH A PUMP START IN A MUNRO PRESSURE START CONTROL BOX. THE PUMP AND CONTROL BOX ELECTRICAL POWER IS 110V.

HUNTER HQ44RC QUICK COUPLING VALVE (1")
MANUAL SHUT-OFF VALVE (SIZED AS SHOWN)
BACKFLOW PREVENTION DEVICE (DOUBLE CHECK)
MAINLINE PIPE: CLASS 200 PVC (2.5-INCH SIZE)
LATERAL PIPE: CLASS 200 PVC (SIZED AS SHOWN)

INDICATES CONTROLLER STATION NUMBER
INDICATES REMOTE CONTROL VALVE SIZE
INDICATES LATERAL DISCHARGE IN GPM
HUNTER I-25 W/ 07 NOZZLES
PRESSURE = 60 PSI  RADIUS = 48 FT.
FLOW = 7.5 GPM
HUNTER ICC-2 IRRIGATION CONTROLLER W/20 STATIONS, AND CAPABLE OF EXPANSION.
HUNTER ICV ELECTRIC REMOTE CONTROL VALVE

PARK HILL LAKEVIEW MIDDLE SCHOOL
TRACK & SOCCER
KANSAS CITY, MISSOURI

VANCE S. RZEPKA
NUMBER LA-000144
STATE OF MISSOURI

12.04.18 ADD 82
REMOTE CONTROL VALVE  
MODEL ICV - SIZE AS NOTED ON PLAN  
FINISH GRADE  
3/4" MINUS WASHED GRAVEL  
BRICK SUPPORTS (4)  
MAIN LINE PIPE & FITTINGS  
SCH 80 T.O.E. NIPPLE  
STANDARD VALVE BOX  
WATERPROOF CONNECTORS (2)  
18-24" COILED WIRE  
PVC SLIP UNIONS  
CHRISTY ID TAG  

LATERAL PIPE  
LATERAL TEE OR ELL  
MODEL I-25 ROTOR HEAD  
PREFABRICATED SWING JOINT  
FINISH GRADE  
RUBBER COVER  

CONTROL WIRE IN ELECTRICAL CONDUIT. SIZE AND TYPE PER LOCAL CODE  

* NOTE:  
18 STATION MODEL CONTROLLER. MOUNT CONTROLLER IN OUTDOOR MECHANICAL AREA OF BUILDING PER MFGS. RECOMMENDATION. CONTROLLER SHALL BE HARD-WIRED TO GROUNDED 110 VAC SOURCE. CONTROLLER TO BE EQUIPPED AND INCLUDE HANDHELD KIT.  
3/4" POWER SUPPLY CONDUIT  
J BOX INSIDE CONTROLLER  
CONNECT PER LOCAL CODE  

CHRISTY ID TAG  

VSR  
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14700 W. 114th Terrace  
Lenexa, KS 66215  
ph: (913) 894-5150  

Smith & Boucher, Inc.  
Electrical Engineering  
25501 Valley Parkway, Suite 200  
Olathe, KS 66061  
ph: (913) 344-0029  

PARK HILL LAKEVIEW MIDDLE SCHOOL  
KANSAS CITY, MISSOURI  

IRRIGATION HEAD INSTALLATION  

IRRIGATION NOTES  
LEGEND  

GENERAL NOTES  
1. DESIGN IS BASED ON A MINIMUM FLOW OF 60 GPM AND PRESSURE OF 70 PSI AT THE POINT OF CONNECTION.  
2. MINIMUM PRESSURE AT FARTHEST HEAD SHALL BE A MINIMUM OF 50 PSI.  
3. SUPPLY AND INSTALL A BOOSTER PUMP MFG. MUNRO MODEL LP100B WITH POWDER COATED STAINLESS STEEL ENCLOSURE. POUR 4" CONCRETE PAD TO SET PUMP AND ENCLOSURE UNIT.  
4. SPRINKLER LOCATIONS ARE TO SCALE. PIPE LOCATIONS ARE DIAGRAMMATIC. CONSULT WITH LANDSCAPE ARCHITECT IF CONSTRUCTION VARIES A GREAT DEAL FROM PLAN.  
5. PROVIDE 2 QUICK COUPLING KEYS (1" MALE OUTLET) AND SH-2 SWIVEL HOSE ELL FOR EACH KEY.  
6. ROUTE 2 SPARE WIRES FROM CONTROLLER AROUND ENTIRE MAIN LINE LOOP. PROVIDE DIFFERENT COLOR OF WIRE FOR IDENTIFICATION.  

HUNTER HQ44RC QUICK COUPLING VALVE (1")  
MANUAL SHUT-OFF VALVE  
BACKFLOW PREVENTION DEVICE (DOUBLE CHECK)  

MAINLINE PIPE: CLASS 200 PVC  
(2.5-INCH SIZE)  
LATERAL PIPE: CLASS 200 PVC  
(SIZED AS SHOWN)  

HUNTER I-25 W/ 07 NOZZLES  
PRESSURE = 60 PSI  RADIUS = 48 FT.  
FLOW = 7.5 GPM  

HUNTER ICC-2 IRRIGATION CONTROLLER  
W/20 STATIONS, AND CAPABLE OF EXPANSION.  

INTERPRETATION OF LOCAL CODE  
1. ALL SCHEDULES AND UNITS AS PER MFGS' RECOMMENDATIONS  
2. PIPE DEPTH TO BE NO LESS THAN 18"  
3. LATERAL DEPTH TO BE NO LESS THAN 18"  
4. ELEVATION OF ALL OUTLETS TO BE ABOVE GRADE  
5. ALL MALLEABLE IRON AND CAST IRON VALVES  
6. ALL STEEL SHOP ASSEMBLIES  
7. ALL PIN JOINTS TO BE GROOVED  
8. ALL STEEL HOSE TO BE BURIED  
9. ALL STEEL PIPE TO BE BURIED  

INTERPRETATION OF CONTRACTOR PER MFGS' RECOMMENDATIONS  
1. ALL SCHEDULES AND UNITS AS PER MFGS' RECOMMENDATIONS  
2. ALL STEEL SHOP ASSEMBLIES  
3. ALL PIN JOINTS TO BE GROOVED  
4. ALL STEEL HOSE TO BE BURIED  
5. ALL STEEL PIPE TO BE BURIED  

METER - EXISTING  
MV  

INDICATES CONTROLLER STATION NUMBER  
INDICATES REMOTE CONTROL VALVE SIZE  
INDICATES LATERAL DISCHARGE IN GPM  

BOOSTER PUMP FURNISHED AND INSTALLED BY CONTRACTOR. MUNRO MODEL CP100B COMPLETE PRO II (VERIFY PRESSURE) WITH A PUMP START IN A MUNRO PRESSURE START CONTROL BOX. THE PUMP AND CONTROL BOX ELECTRICAL POWER IS 110V. POUR 4" CONCRETE PAD TO SET PUMP AND ENCLOSURE UNIT.