

GENERAL NOTES

- 1. THE PIPING SYSTEM SHALL HAVE DIRECTION OF FLOW ARROWS INDICATED ON THE PIPES.
- 2. PUBLIC POOLS SHALL HAVE A FLOW DIAGRAM OF THE POOL'S PIPING SYSTEM WITH OPERATION INSTRUCTIONS.
- 3. THE FLOW DIAGRAM AND INSTRUCTIONS SHALL BE AVAILABLE ON THE PREMISES AT ALL TIME
- 4. ALL MECHANICAL ROOM FLOORS SHALL BE SLOPED A MIN |" PER FOOT TO A DRAIN PER CBC 3122B. SEE ARCHITECTURAL SHEETS FOR SPOT ELEVATIONS AND SLOPES.
- 5. ALL BELOW GRADE POOL PIPING SHALL BE SCHEDULE 40 PVC AND ALL ABOVE GRADE POOL PIPING SHALL BE SCHEDULE 80 PVC.

LEGEND

- $FM = FLOWMETER \frac{6}{SP-3}$
- PG/VG = VACUUM / PRESSURE GAUGE

 SP-3

 PS = PIPE SUPPORT

 SP-3
- BFV = BUTTERFLY VALVE

 CV = CHECK VALVE
- EQUIPMENT LIST
- TRACK #1 BOOSTER PUMP #2: 'PACO' #8012-3; TYPE 'LF' SPLIT-CASE END SUCTION PUMP; 1780 RPM, 460V, 3PH; 75HP; RATED AT 1,800 GPM @ 93 FT. TDH; 84% EFFICIENT; PREMIUM EFFICIENCY TEFC MOTOR; EPOXY COAT ALL WET SURFACES. 'PACO', 'AURORA' OR EQUAL. ONE (1) TOTAL. PROVIDE WITH PENTAIR ACCUDRIVE #AD750X-4603-N4X VARIABLE SPEED DRIVE, ONE (1) TOTAL; 25.6" x 9.5" x 10.3" DEEP. COORDINATE MOUNTING LOCATION TO MAINTAIN REQUIRED CLEARANCES, 460V 3PH.
- TRACK #2 BOOSTER PUMP #2: 'PACO' #8012-3; TYPE 'LF' SPLIT-CASE END SUCTION PUMP; 1780 RPM, 460V, 3PH; 75HP; RATED AT 1,800 GPM @ 93 FT. TDH; 84% EFFICIENT; PREMIUM EFFICIENCY TEFC MOTOR; EPOXY COAT ALL WET SURFACES. 'PACO', 'AURORA' OR EQUAL. ONE (1) TOTAL. PROVIDE WITH PENTAIR ACCUDRIVE #AD750X-4603-N4X VARIABLE SPEED DRIVE, ONE (1) TOTAL; 25.6" x 9.5" x 10.3" DEEP. COORDINATE MOUNTING LOCATION TO MAINTAIN REQUIRED CLEARANCES, 460V 3PH.
- TRACK #1 BOOSTER PUMP #1: 'PACO' #8012-3; TYPE 'LF' SPLIT-CASE END SUCTION PUMP; 1780 RPM, 460V, 3PH; 125HP; RATED AT 2,300 GPM @ 138 FT. TDH; 85% EFFICIENT; PREMIUM EFFICIENCY TEFC MOTOR; EPOXY COAT ALL WET SURFACES. 'PACO', 'AURORA' OR EQUAL. ONE (1) TOTAL. PROVIDE WITH ACCUDRIVE #AD1250X-4603-N4X VARIABLE SPEED DRIVE MODEL, ONE (1) TOTAL; 25.6" x 9.5" x 10.3" DEEP. COORDINATE MOUNTING LOCATION TO MAINTAIN REQUIRED CLEARANCES, 460V 3PH.

TRACK #2 BOOSTER PUMP #1: 'PACO' #8012-3; TYPE 'LF' SPLIT-CASE END SUCTION PUMP; 1780 RPM, 460V, 3PH; 125HP; RATED AT 2,300 GPM @ 138 FT. TDH; 85% EFFICIENT; PREMIUM EFFICIENCY TEFC MOTOR; EPOXY COAT ALL WET SURFACES. 'PACO', 'AURORA' OR EQUAL. ONE (1)

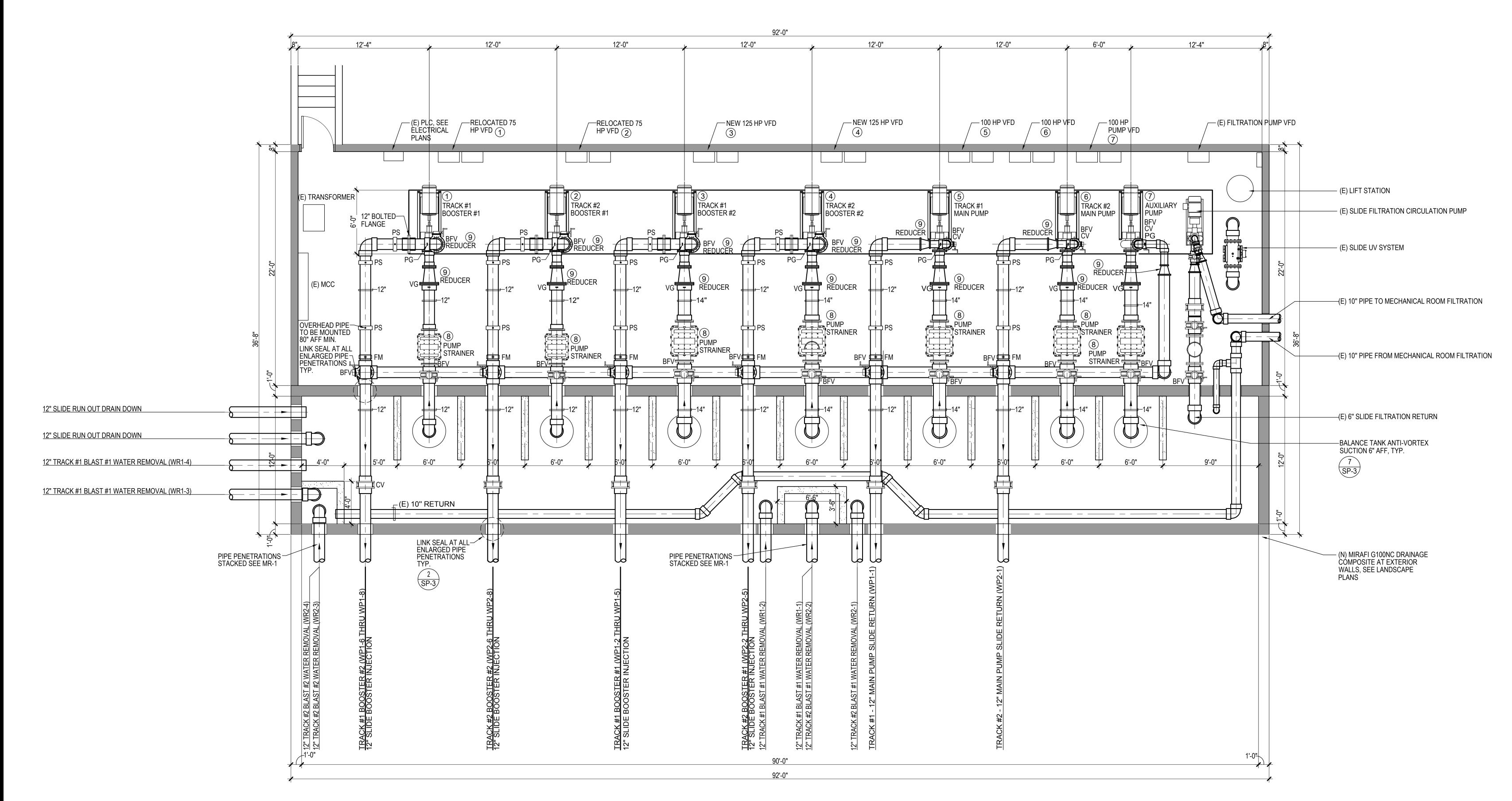
- TOTAL. PROVIDE WITH ACCUDRIVE #AD125X-4603-N4X VARIABLE SPEED DRIVE MODEL, ONE (1) TOTAL; 25.6" x 9.5" x 10.3" DEEP. COORDINATE MOUNTING LOCATION TO MAINTAIN REQUIRED CLEARANCES, 460V 3PH.

 TRACK #1 MAIN PUMP: 'PACO' #8012-3; TYPE 'LF' SPLIT-CASE END SUCTION PUMP; 1780 RPM, 460V, 3PH; 100HP; RATED AT 2,300 GPM @ 112 FT. TDH; 84% EFFICIENT; PREMIUM EFFICIENCY TEFC MOTOR; EPOXY COAT ALL WET SURFACES. 'PACO', 'AURORA' OR EQUAL. ONE (1) TOTAL. PROVIDE WITH PENTAIR ACCUDRIVE #ADC10X-4603-N4X VARIABLE SPEED DRIVE, ONE (1) TOTAL; 25.6" x 9.5" x 10.3" DEEP. COORDINATE
- MOUNTING LOCATION TO MAINTAIN REQUIRED CLEARANCES, 460V 3PH.

 TRACK #2 MAIN PUMP: 'PACO' #8012-3; TYPE 'LF' SPLIT-CASE END SUCTION PUMP; 1780 RPM, 460V, 3PH; 100HP; RATED AT 2,300 GPM @ 112 FT. TDH; 84% EFFICIENT; PREMIUM EFFICIENCY TEFC MOTOR; EPOXY COAT ALL WET SURFACES. 'PACO', 'AURORA' OR EQUAL. ONE (1) TOTAL. PROVIDE WITH PENTAIR ACCUDRIVE #ADC10X-4603-N4X VARIABLE SPEED DRIVE, ONE (1) TOTAL; 25.6" x 9.5" x 10.3" DEEP. COORDINATE

MOUNTING LOCATION TO MAINTAIN REQUIRED CLEARANCES, 460V 3PH.

- AUXILIARY PUMP: 'PACO' #8012-3; TYPE 'LF' SPLIT-CASE END SUCTION PUMP; 1780 RPM, 460V, 3PH; 100HP; RATED AT 2,300 GPM @ 112 FT. TDH; 84% EFFICIENT; PREMIUM EFFICIENCY TEFC MOTOR; EPOXY COAT ALL WET SURFACES. 'PACO', 'AURORA' OR EQUAL. ONE (1) TOTAL. PROVIDE PROVIDE WITH PENTAIR ACCUDRIVE #ADC10X-4603-N4X VARIABLE SPEED DRIVE, ONE (1) TOTAL; 25.6" x 9.5" x 10.3" DEEP. COORDINATE MOUNTING LOCATION TO MAINTAIN REQUIRED CLEARANCES, 460V 3PH.
- 8 SLIDE PUMP STRAINERS: EVOQUA 'PRO-STRAINER' STAINLESS STEEL STRAINERS: #P41414SC, FIVE (5) TOTAL, #P31212SC, TWO (2) TOTAL, EACH STRAINER SHALL BE PROVIDED WITH TWO (2) SETS OF STAINLESS STEEL STRAINER BASKETS AND CONCRETE HOUSEKEEPING PAD.
- 9 REDUCER: 14"X10" SCH 80 PVC CONCENTRIC REDUCER WITH FLANGED CONNECTIONS, FIVE (5) TOTAL. 12"X10" PVC CONCENTRIC REDUCER WITH FLANGED CONNECTIONS, TWO (2) TOTAL. 8"X12" SCH 80 PVC CONCENTRIC REDUCER WITH FLANGED CONNECTIONS, FIVE (5) TOTAL.





CITY OF NORTH RICHLAND HILLS



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the notice of Aquatic Design Group, Inc. prior to the commencement of

20 SLIDE REPLACEMI

REVISIONS

NO. DATE DESCRIPTION

Δ1 8-20-25 PUMP/PLUMBING MODIFICATIONS

OGO

DRAWING TITLE

MECHANICAL

ROOM ADG /

OWNER

REVISION

PROPOSAL

PROJECT NO. 2022.162

DRAWN BY KK

CHECKED BY AP

DATE 05/03/2024

DRAWING NO.

MR-2