

NOTES:

1. SEE ELECTRICAL SHEET FOR ADDITIONAL DETAILS.
2. WETWELL INTERIOR & EXTERIOR TO BE FINISHED PER TOWN OF CARY SPECIFICATIONS.
3. NO UNIFLANGE OR DRESSER COUPLING IN WETWELL.
4. ALL CONNECTIONS TO BE FLANGED CLASS 350 DIP PAINTED PER THE TOWN OF CARY SPECIFICATIONS UNLESS OTHERWISE NOTED.
5. PIPING SHALL BE SUPPORTED AS NECESSARY.
6. ALL CONCRETE WALL PENETRATIONS TO BE MADE WATER-TIGHT USING A FLEXIBLE PIPE TO MANHOLE CONNECTOR.
7. PUMPS, MOTORS, AND MAJOR ACCESSORIES SHALL BE SUPPLIED BY A SINGLE MANUFACTURER AS LISTED IN THE TOWN'S APPROVED MANUFACTURER'S LIST. APPROVED PUMP MANUFACTURERS INCLUDE ABS, FAIRBANKS MORSE, FLYGT, HYDROMETER, AND MYERS.

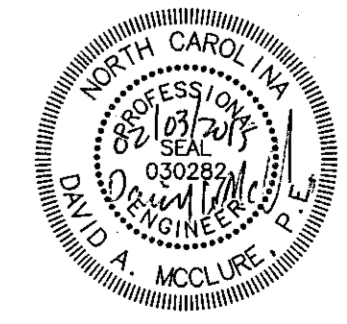
KEY NOTES

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|---|--|
| ① 4" FL DIP | ⑭ 2" SCH. 40 304 S.S GUIDE RAIL |
| ② 4" FL 90° BEND | ⑮ SUBMERSIBLE PUMP |
| ③ 4" PE PIPE W/ FLANGE ADAPTOR ENDS | ⑯ S.S. LIFT CHAIN |
| ④ 4" FL RESTRAINED DISMANTLING COUPLING | ⑰ INTERMEDIATE GUIDE RAIL SUPPORT |
| ⑤ 4" FL PLUG VALVE (FULL PORT) | ⑱ 4" FL x RJ PIPE |
| ⑥ 4" FL CHECK VALVE | ⑲ 4" RJ 90° BEND |
| ⑦ 4" SPOOL PIECE | ⑳ 4" RJ PIPE |
| ⑧ 4" FL 90° BASE BEND | ㉑ 4" RJ TEE |
| ⑨ 4" FL BASE TEE | ㉒ 4" RJ PLUG VALVE (FULL PORT) WITH VALVE BOX |
| ⑩ 3" PVC DRAIN LINE WITH BALL CHECK VALVE | ㉓ 8" INFLUENT SEWER |
| ⑪ PIPE SUPPORT | ㉔ 3" CONDUIT WITH SEAL-OFFS AND ABOVE GROUND 18"x18"x6" S.S JUNCTION BOX |
| ⑫ THRUST/PIPE SUPPORTS | ㉕ 0-200 PSI PRESSURE GAUGE W/ PEPCOCK |
| ⑬ CONCRETE FILLET | |

BASE ELBOW SUPPLIED BY PUMP MANUFACTURER (LESS INTERNAL CHECK VALVE). ANCHOR TO WETWELL FLOOR WITH A 316 SS SOLE PLATE AND THREADED ROD. EPOXY SS THREADED RODS TO WETWELL FLOOR AND ATTACH SOLE PLATE TO BASE ELBOW PER MANUFACTURERS REQUIREMENTS.

OPERATING CONDITIONS
 115 G.P.M. @ 54' TDH
 1,750 RPM 7.5 Hp MOTOR
 DUPLEX STATION DUTY POINT
 FOR ONE PUMP RUNNING

PUMP STATION SECTION
 1/2" = 1'-0"



Cary Project Number 14-SP-065
 Cary HTE #: 15-0489
Approved by the Town of Cary
 Development Review Committee
 Planner *Kathleen Perdue* Date *3 Nov 2015*

No.	Revision	Date	By	Designer	Scale
				DAM	AS NOTED
				Drawn By: KMT	Date: 02/03/2015
				Checked By: CNH	Job No.: 2140308.00

THE ESTATES AT YATES POND
TEMPORARY PUMP STATIONS & FORCE MAIN
 Town of Cary Wake County North Carolina

EAST PUMP STATION SECTION VIEW

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Sheet No.
EPS-4