GENERAL PROJECT REQUIREMENTS:

1. CONTRACTOR WILL BE RESPONSIBLE FOR ALL SHOVEL TO SHOVEL DISPLACEMENT OF EXISTING MATERIAL. DISPLACEMENTS SHALL BE HANDLED IN A MANNER THAT WILL NOT DAMAGE THE EXISTING FACILITIES OR PROPERLY FUNCTIONING UTILITIES.

2. CONTRACTOR WILL BE HELD RESPONSIBLE FOR THE PROPER DISPOSITION OF ALL DISTURBED MATERI AL TO INCLUDE ENCLOSED MATERIALS AND MATERIALS CONSIDERED TO BE NOT USEFUL. CONTRACTOR SHALL NOT DISPOSE OF ANY MATERIALS WITHOUT THE PRIOR WRITTEN CONSENT OF THE PROJECT SUPERVISOR.

3. CONTRACTOR SHALL BE HELD RESPONSIBLE FOR REDUCING IMPACT AND IS RESPONSIBLE FOR MAINTAINING WEBSITE AND OTHER REGULATORY REQUIREMENTS.

REQUIREMENTS FOR AS-BUILT DRAWINGS:

1. CONTRACTOR SHALL BE HELD RESPONSIBLE FOR THE PREPARATION OF AS-BUILT DRAWINGS AND SHALL MAKE THEM AVAILABLE TO THE PROJECT SUPERVISOR AND ALL OTHER CONSTRUCTION PERSONNEL.

2. CONTRACTOR SHALL MAINTAIN A CURRENT SCHEDULE OF CONSTRUCTION ACTIVITIES AND SHALL PROVIDE THIS SCHEDULE TO THE PROJECT SUPERVISOR ON A BIWEEKLY BASIS.

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CONTRACTOR REQUIREMENTS FOR SITE CLEARING, GRAVING, AND EROSION CONTROL DESIGN AND CONSTRUCTION NOTES:

1. CONTRACTOR SHALL BE HELD RESPONSIBLE FOR THE PREPARATION OF AS-BUILT DRAWINGS AND SHALL MAKE THEM AVAILABLE TO THE PROJECT SUPERVISOR AND ALL OTHER CONSTRUCTION PERSONNEL.

2. CONTRACTOR SHALL MAINTAIN A CURRENT SCHEDULE OF CONSTRUCTION ACTIVITIES AND SHALL PROVIDE THIS SCHEDULE TO THE PROJECT SUPERVISOR ON A BIWEEKLY BASIS.

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PROJECT SPECIFIC NOTES:

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UTILITY INFORMATION PROVIDED TO OR COLLECTED BY MEAD & HUNT DURING DESIGN:

<table>
<thead>
<tr>
<th>UTILITY TYPE</th>
<th>UTILITY COMPANY</th>
<th>CONTACT</th>
<th>PHONE</th>
<th>EMAIL</th>
<th>INFORMATION QUALITY LEVEL</th>
<th>DATA SOURCES</th>
<th>PUBLIC PHONE NUMBER</th>
<th>UTILITY SHARED</th>
<th>UTILITY METHOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>WATER</td>
<td>SUCRO</td>
<td>321-372-4477</td>
<td><a href="mailto:snyderjo@browardgov.org">snyderjo@browardgov.org</a></td>
<td><a href="mailto:water@browardgov.org">water@browardgov.org</a></td>
<td>10/14/2017</td>
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</table>
ADDITIONAL BARRIER LENGTHS MAY BE REQUIRED BY THE COUNTY ENGINEER OR BY REGULATORY TIRE WASH.

ADDITIONAL POSTS AND RAILS MAY BE NECESSARY TO SECURE AND SUPPORT BARRIERS UNLESS OTHERWISE SPECIFIED.

SILT FENCES MUST BE USED IN LIEU OF HAY BARRIERS OR OTHER APPROVED TIRE CLEANING GRID.

THE CONTRACTOR SHALL BLOCK INTRUSION OF SAND, SILT, OR OTHER DEBRIS INTO ANY DRAINAGE OR SANITARY JUNCTIONS.

THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN THESE DRAWINGS AND THE EXISTING CONDITION UNLESS SPECIFICALLY EXEMPTED BY THE PLANS. THE COST FOR SUCH RESTORATION OF THE EXISTING RECLAIMED WATER MAIN IS FIVE BUSINESS DAYS IN ADVANCE OF PROPOSED TUE-WED.

CONSTRUCTION ENTRANCE (INCLUDES CONTRACTOR TO PROVIDE TEMPORARY GRAVEL DURING CONSTRUCTION AND TURBIDITY WITHIN THE MATERIAL IS PROPOSED FOR CONSTRUCTION. THE CONTRACTOR IS DEEMED THE OPERATOR OF THE SITE. CONSTRUCTION THE CONTRACTOR IS DEEMED THE OPERATOR OF THE SITE. TERMINATION TO THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION UPON THE COMPLETION OF PROPOSED PUMP STATION REPLACEMENT.

STORMWATER POLLUTION PREVENTION PLAN.

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ASBUILT DRAWING - FOR INFORMATIONAL PURPOSES ONLY
No natural text is visible in the image provided.
1. CONTRACTOR SHALL MANUALLY EXCAVATE TO LOCATE EXISTING UTILITIES ALONG PROPOSED ROUTE OF ALL NEW UNDERGROUND FACILITIES. CONTRACTOR TO PROVIDE TO THE ENGINEER OF RECORD SKETCHES OF THE FIELD LOCATIONS, INCLUDING TWO-WAY TIES OF DISTANCES TO FIXED LANDMARKS. SKETCHES TO BE APPROVED USING PLAN SHEETS FOR THE BASE DRAWINGS.

2. CONTRACTOR SHALL COORDINATE WITH PLANT PERSONNEL AS REQUIRED AND PROVIDE ASSISTANCE TO VERIFY LOCATION AND PROPER FUNCTION OF ALL VALVES NECESSARY FOR ISOLATION OF THE EXISTING RECLAIMED WATER MAIN FIVE BUSINESS DAYS IN ADVANCE OF PROPOSED TIE-INS.

3. CONTRACTOR SHALL PROVIDE ACCESS TO EXISTING FIVE 8" DIA. DRAINAGE SWALES (TYP) FOR REQUIRED INSPECTION AND TESTING.

4. CONTRACTOR SHALL MANUALLY EXCAVATE TO LOCATE EXISTING UTILITIES ALONG PROPOSED ROUTE OF ALL NEW UNDERGROUND FACILITIES. CONTRACTOR TO PROVIDE TO THE ENGINEER OF RECORD SKETCHES OF THE FIELD LOCATIONS, INCLUDING TWO-WAY TIES OF DISTANCES TO FIXED LANDMARKS. SKETCHES TO BE APPROVED USING PLAN SHEETS FOR THE BASE DRAWINGS.
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PROPOSED POND BOTTOM ELEV 1400

DISTURBED WETLANDS TO BE REMOVED

MEAN LOW WATER LEVEL ELEV 260

MEAN HIGH WATER LEVEL ELEV 310

PROPOSED 6 FT HIGH VINYL COATED CHAIN LINK FENCE

DOUBLE SILT FENCE

ANY UNSUITABLE MATERIAL SHALL BE REMOVED FROM THE SITE AND DISPOSED OF BY THE CONTRACTOR. APPROXIMATE LIMIT SHOWN ONLY. REFERENCE THE SOIL BORING/SOILS REPORT FOR MORE DETAILED LIMITS.
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AFTER THE SUCCESSFUL START UP OF NEW PUMP STATION AND ONCE IT HAS BEEN PLACED INTO SERVICE, ALL FEATURES OF THE EXISTING PUMP STATION WILL BE REMOVED. ALL STRUCTURES ARE TO BE REMOVED TO 4' BELOW THE EXISTING GRADE. STRUCTURES TO BE REMOVED INCLUDE THE WET WELL, PUMPING CONTROL PANELS, PUMPS, CONCRETE POSTS, METAL LIGHT POLE, ELECTRICAL WIRING, AND CONCRETE PADS. ALL ITEMS REMOVED FROM THE EXISTING PUMP STATION WILL BE RETURNED TO THE CITY AND DISPOSED OF IN ACCORDANCE WITH THEIR INSTRUCTIONS.

EXISTING POND BOTTOM ELEVATION 130 TO 140 PER RECORD DRAWINGS

POND BOTTOM ELEVATION 14.00

CONSTRUCTION BASELINE

EXISTING 8" RECLAIMED WATER MAIN TO BE REMOVED AND REPLACED WITH 12" RECLAIMED WATER MAIN

EXISTING PUMP TO BE REMOVED

SUBMERSIBLE PUMP STATION

TOP ELEV 3467

BOT ELEV 1500

INV ELEV 1950

(SEEN SHEET M-501 FOR DETAIL)

EXISTING 8" RECLAIMED WATER MAIN TO BE REMOVED AND REPLACED WITH 12" RECLAIMED WATER MAIN

(2) 16 DIAMETER INTAKE STRAINER (SEE DETAIL SHEET C-501)

(2) 16 DIAMETER INTAKE STRAINER (SEE DETAIL SHEET C-501)

INSTALL 75' X 30' BROOM FINISHED CONCRETE PAD

NORMAII WATER ELEVATION +1285

EXISTING POND BOTTOM ELEVATION +1285 TO +140 PER RECORD DRAWINGS

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EXISTING 12" RECLAIMED WATER MAIN

EXISTING 12" RECLAIMED WATER MAIN

EXISTING 6" WATER MAIN TO BE REMOVED

EXISTING 6" RECLAIMED WATER MAIN TO BE REMOVED

INSTALL 150'-1 LF
12" 600 PVC

EXISTING 12" RECLAIMED WATER MAIN GATE VALVE

REMOVE CAP AND TIE INTO EXISTING 12" RECLAIMED WATER MAIN GATE VALVE

CONTRACTOR NOTES:
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EXISTING ACCESS ROAD

PROPOSED ACCESS ROAD

EXISTING 12' TEE, 1" PIPE, 12" GATE VALVE AND PLUG

EXISTING 12" RECLAIMED WATER MAIN

CONSTRUCTION BASE LINE

EXISTING 12" RECLAIMED WATER MAIN

PROPOSED FITTINGS:
(2) 12" 45° BENDS

PROPOSED FITTINGS:
(2) 12 MJ 45° BENDS

EXISTING 8" RECLAIMED WATER MAIN TO BE REMOVED

APPROXIMATE LOCATION OF (2) OF RECLAIMED WATER FORCE MAINS. CONTRACTOR TO VERIFY LOCATION PRIOR TO CONSTRUCTION.

PROPOSED CONTOUR LEVEL

EXISTING CONTOUR LEVEL

ELEVATION LEGEND

NOT FOR CONSTRUCTION

Mead and Hunt, Inc.
4401 Eastport Parkway
Port Orange, FL 32127
phone: 386-761-8812
FL Cert. #087230

PROJECT: UTILITIES COMMISSION
CITY OF NEW SMYRNA BEACH
REUSE RESERVOIR EXPANSION AND
PUMP STATION REPLACEMENT
3119 SR44
New Smyrna Beach, FL 32168

PROPOSED PUMP STATION SITE PLAN

C-402
NOTES:

1. ELECTRICAL PANEL AND CABLING INSTALLATION SHALL BE IN ACCORDANCE WITH NEC 2014 UCNSB AND ALL OTHER LOCAL CODES OF AUTHORITIES HAVING JURISDICTION.

2. ALL EXTERIOR EQUIPMENT AND DEVICES SHALL BE NEMA 4X TYPE UNLESS NOTED OTHERWISE.

3. CONductor shall be installed according to the manufacturer's instructions and shall be properly labeled. All conduit runs shall be properly terminated and insulated. All wiring shall be done in accordance with NEC 2014 UCNSB and all other local codes of authorities having jurisdiction.

4. PROVIDE TWO (2) LED LIGHT FIXTURES MOUNTED AT 14'-0" ABOVE FINISHED GRADE ON A 6 SQUARE FIBERGLASS POLE WITH CONCRETE BASE. BASIS OF DESIGN FOR LIGHT FIXTURES SHALL BE LITHONIA DSX0 LED P6 40K T4M MVOLT SPA PIR DDBXD POLE BASE. DESIGN SHALL BE BY A LICENSED FLORIDA STRUCTURAL ENGINEER RATED FOR THE PROPER WIND LOADING BASED ON LOCATION.

5. PROVIDE TWO (2) OVERHEAD TRANSFORMERS TO POWER THE CONTROL PANEL AND MONITORING/CONTROL REQUIREMENTS.

6. ALL WORK PERFORMED SHALL BE IN ACCORDANCE WITH NEC 2014 UCNSB AND ALL OTHER LOCAL CODES OF AUTHORITIES HAVING JURISDICTION.

7. CONTRACTOR SHALL PROVIDE ALL CONDUIT ASSOCIATED WITH POWER AND CONTROL SYSTEMS ASSOCIATED WITH THE PUMP CONTROL PANEL AND ROUTED PER THE MANUFACTURER'S INSTRUCTIONS AND MONITORING CONTROL REQUIREMENTS.

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