



STATE OF NEW YORK
OFFICE OF GENERAL SERVICES
DESIGN AND CONSTRUCTION GROUP
THE GOVERNOR NELSON A. ROCKEFELLER
EMPIRE STATE PLAZA
ALBANY, NY 12242



ADDENDUM NO. 1 TO PROJECT NO. 43753

**CONSTRUCTION WORK, ELECTRIC WORK
PROVIDE STORM DRAINAGE IMPROVEMENTS &
WATER DISTRIBUTION & SEWER
COLLECTION SYSTEM REPLACEMENTS
ALLEN RESIDENTIAL CENTER
AND YOUTH LEADERSHIP ACADEMY
56957 NYS ROUTE 10
SOUTH KORTRIGHT, NEW YORK 13842**

January 30, 2013

NOTE: This Addendum forms a part of the Contract Documents. Insert it in the Project Manual.
Acknowledge receipt of this Addendum in the space provided on the Bid Form.

1. **DRAWINGS:** For clarification of printing issues, see attached PDF Construction drawings G-001 through S-101. Please note, no changes have been made to these drawings except printing quality.

END OF ADDENDUM

James Dirolf, P.E.
Director of Design

STORM DRAINAGE IMPROVEMENTS, WATER DISTRIBUTION AND SEWER COLLECTION SYSTEM REPLACEMENTS

ALLEN RESIDENTIAL CENTER AND YOUTH LEADERSHIP ACADEMY 56957 NYS ROUTE 10 SOUTH KORTRIGHT, NEW YORK 13842

O.G.S. PROJECT NO. 43753-C

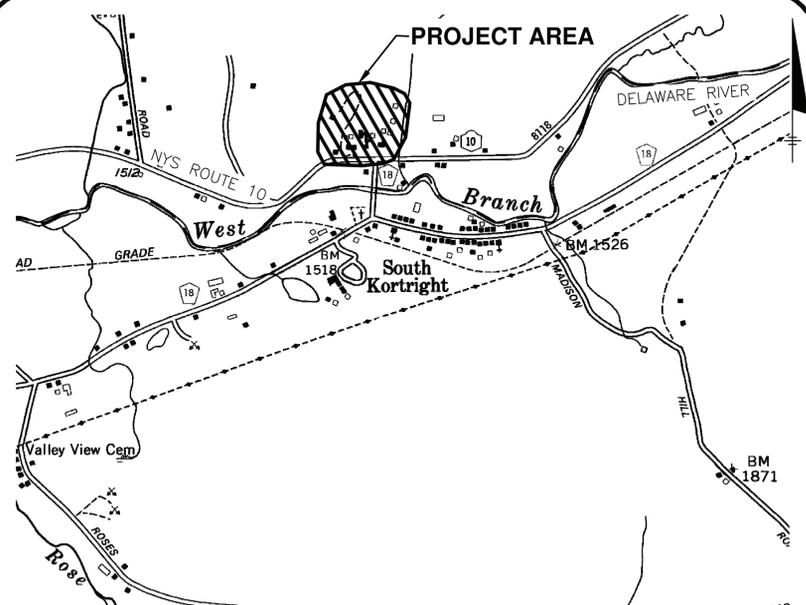
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KEY PLAN
NOT TO SCALE



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NYS OFFICE OF GENERAL SERVICES

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ANDREW M. CUOMO
Governor

ROANN M. DESTITO
Commissioner

JAMES M. DAVIES, A.I.A.
Deputy Commissioner, Design and Construction

G-001

GENERAL NOTES

- THE ORIGINAL TOPOGRAPHICAL SURVEY WAS SUPPLIED BY NYSOGS AND SUPPLEMENTED BY A TOPOGRAPHIC SURVEY COMPLETED BY INSITE ENGINEERING, SURVEYING & LANDSCAPE ARCHITECTURE, P.C. DATE LAST REVISED 08/23/2010.
- ELECTRONIC BASE MAPPING IS BASED ON THE FOLLOWING DATUMS:
 - HORIZONTAL DATUM IS NAD 83, NYS PLANE EAST ZONE, US FOOT.
 - VERTICAL DATUM IS NGVD 29.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS OF PERTINENT WORK IN THE FIELD.
- UNDERGROUND UTILITIES ARE SHOWN FROM FIELD LOCATION WHERE POSSIBLE AND FROM RECORD DATA WHERE FOUND. EXACT LOCATION OF UTILITIES MAY DIFFER FROM THE LOCATION SHOWN, AND ADDITIONAL UTILITIES MAY EXIST. CONTRACTOR TO VERIFY THE PRESENCE OF AND EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITIES PRIOR TO COMMENCING ANY EXCAVATION WORK PURSUANT TO THIS CONTRACT. CAUTION - NOTICE TO CONTRACTOR: THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION, SIZE, AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL DIG SAFELY NEW YORK (1-800-962-7962) AND THE APPROPRIATE UTILITY COMPANY AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. THE CONTRACTOR SHALL MAKE EXPLORATION EXCAVATIONS TO LOCATE EXISTING UNDERGROUND UTILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS AS REQUIRED TO MEET EXISTING CONDITIONS (SEE SPECIFICATION 023313 UNDERGROUND UTILITY LOCATION SERVICE).
- A NEW YORK STATE LICENSED LAND SURVEYOR IS REQUIRED FOR THE LAYOUT/STAKEOUT OF ALL SITE WORK. THE CONTRACTORS SHALL LOCATE, MARK, SAFEGUARD AND PRESERVE ALL SURVEY CONTROL MONUMENTS AND ROW MONUMENTS IN THE AREAS OF CONSTRUCTION.
- THE CONTRACTOR SHALL COORDINATE HIS CONSTRUCTION OPERATIONS WITH ANY AND ALL OTHER CONSTRUCTION ACTIVITIES WHICH MAY BE OCCURRING SIMULTANEOUSLY IN THE VICINITY OF THE SITE.
- THE CONTRACT LIMIT LINE SHALL BE RESTRICTED TO ONLY THE AREAS WHERE THE WORK IS BEING CONDUCTED AND AS ORDERED BY THE DIRECTOR'S REPRESENTATIVE.
- THE CONTRACTOR SHALL MAINTAIN ALL VEHICLE AND PEDESTRIAN TRAFFIC DURING CONSTRUCTION AS REQUIRED BY THE DIRECTOR'S REPRESENTATIVE.
- CONTRACTOR TO SECURE DAILY WORK ZONE WITH ORANGE CONSTRUCTION FENCE AND "HARD HAT AREA" SIGN.
- THE CONTRACTOR SHALL PROVIDE ALL PERMITS REQUIRED BY GOVERNMENT AGENCIES HAVING STATUTORY JURISDICTION OVER THE FACILITIES AND NATURAL FEATURES FOUND ON THE PROJECT SITE AND THOSE IMPACTED BY THE WORK OF THIS CONTRACT.
- THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING VEGETATION NOT INDICATED TO BE REMOVED. PROVIDE FENCES, BARRICADES AND OTHER SUITABLE DEVICES TO PREVENT DAMAGE BY VEHICLES. RESTRICT VEHICLE TRAFFIC TO AREAS OUTSIDE THE DRIP LINE OF TREES. PREVENT COMPACTION OF SOIL WITHIN THE DRIP LINE OF TREES AND SHRUBS. DO NOT DRIVE OR PARK VEHICLES ON LAWNS, EXCEPT WHERE AUTHORIZED.
- THE CONTRACTOR SHALL PROTECT FROM DAMAGE ALL EXISTING PHYSICAL FEATURES NOT INDICATED OR REQUIRED TO BE REMOVED FOR THE WORK. PROTECT FROM DAMAGE ALL EXISTING PHYSICAL FEATURES ON THE SITE THAT LIE OUTSIDE THE GRADING LIMIT LINE.
- THE CONTRACTOR SHALL RESTORE TO THEIR ORIGINAL CONDITION ALL EXISTING PHYSICAL FEATURES DAMAGED BY THE UNAUTHORIZED ACT OR OMISSION OF THE CONTRACTOR. ORIGINAL CONDITION SHALL MEAN THE CONDITION IN WHICH THE FEATURE WAS FOUND AT THE START OF THE WORK.
- THE CONTRACTOR SHALL RESTORE ALL DISTURBED SURFACES TO ORIGINAL OR BETTER CONDITION. GRASSSED AREAS SHALL RECEIVE A MINIMUM OF 4-INCHES TOPSOIL, SEED, AND MULCH.
- CONTRACTOR SHALL PROVIDE SMOOTH TRANSITION TO EXISTING GRADES AT LIMITS OF PROPOSED GRADING.
- THE CONTRACTOR SHALL PROVIDE ALL REMOVALS INCIDENTAL TO AND NECESSARY TO PROVIDE THE WORK OF THIS CONTRACT AND REMOVE EXISTING FEATURES IN THEIR ENTIRETY UNLESS OTHERWISE DIRECTED BY THE DIRECTOR'S REPRESENTATIVE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING AND MAINTENANCE OF SURFACE WATER DURING THE COURSE OF THE WORK.
- THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR ALL DAMAGE CAUSED BY HIS OPERATIONS TO EXISTING UTILITIES AND FACILITIES WHICH ARE NOT INCLUDED AS PART OF THE INTENDED WORK. ALL DAMAGE TO THE EXISTING FACILITIES WHICH ARE NOT A PART OF THE INTENDED WORK SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE DIRECTOR'S REPRESENTATIVE, AT NO ADDITIONAL COST.
- REFER TO PROJECT MANUAL SECTION 015633 FOR SECURITY REQUIREMENTS.
- CONTRACTOR SHALL MAINTAIN EXISTING SANITARY SEWER AND WATER SERVICES AT ALL TIMES. THE CONTRACTOR SHALL SUBMIT A PROPOSED WORK SCHEDULE AND A DETAILED SANITARY SEWER BY-PASS PROCEDURE TO THE DIRECTOR'S REPRESENTATIVE FOR APPROVAL. CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY BY-PASS OPERATIONS. CONTRACTOR SHALL PROVIDE DUPLEX PUMPING EQUIPMENT WITH EACH PUMP CAPABLE OF HANDLING PEAK FLOW. CONTRACTOR SHALL RESTORE SANITARY SEWER SERVICE AT THE END OF EACH WORK DAY. IF THIS IS NOT POSSIBLE, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY BY-PASS PUMPING OPERATIONS UNTIL NORMAL GRAVITY FLOWS CAN BE RE-ESTABLISHED.
- NYSOGS APPLIED FOR AND OBTAINED A STORMWATER GENERAL PERMIT, GP-0-10-001 FROM NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION. THE CONTRACTOR SHALL FOLLOW THE CONDITIONS OF THE PERMIT DURING EXECUTION OF WORK.
- CONTRACTOR SHALL VERIFY EXISTING GRADES AND UTILITIES SHOWN PRIOR TO THE START OF ANY WORK. ANY AND ALL DISCREPANCIES SHALL BE DOCUMENTED AND SUBMITTED TO THE DIRECTOR'S REPRESENTATIVE AT THE TIME OF DISCOVERY.
- EXISTING STONE/RETAINING WALLS SHALL NOT BE DISTURBED UNLESS SPECIFICALLY CALLED OUT ON CONTRACT DRAWINGS.
- CONTRACTOR SHALL NOT USE BRIDGES ONSITE WITH CONSTRUCTION VEHICLES WITHOUT PRIOR APPROVAL FROM DIRECTOR'S REPRESENTATIVE.
- THE CONTRACTOR SHALL SPECIFY ONE PERSON WHOSE PRIMARY RESPONSIBILITY IS TO COORDINATE SIGNAGE, AND VEHICLE AND PEDESTRIAN MOVEMENT FOR THE PROJECT.
- ALL DISTURBED PAVED SURFACES SHALL BE RECONSTRUCTED PRIOR TO WINTER SHUTDOWN INCLUDING SUBBASE, BINDER AND TEMPORARY STRIPING.

GENERAL NOTES

- INCLUDE IN THE CONTRACT BID PRICE THE REMOVAL AND DISPOSAL OF 100 CUBIC YARDS OF ROCK REMOVAL. SEE SPECIFICATION 312316.
- THE CONTRACTOR SHALL PROVIDE TO THE DIRECTOR'S REPRESENTATIVE, PRIOR TO REQUESTING FINAL WALK THROUGH, A DETAILED TOPOGRAPHIC SURVEY (PREPARED BY A LICENSED LAND SURVEYOR) OF NEW AND ABANDONED PAVEMENT LOCATIONS, UTILITY LOCATIONS, RIMS, INVERTS, PIPE SIZES, INCLUDING SITE INFRASTRUCTURE (SIDEWALKS, SITE LIGHTING, STORMWATER MANAGEMENT AREAS). FOR STORMWATER MANAGEMENT AREAS, THE CONTRACTOR SHALL PROVIDE IN ELECTRONIC AUTOCAD FORMAT, DETAILED TOPOGRAPHIC AS-BUILTS OF THE BASIN STORAGE AREAS AND VOLUME CALCULATIONS FOR EACH.
- CONTRACTOR SHALL NOT USE BRIDGES ON SITE WITH CONSTRUCTION VEHICLES WITHOUT PRIOR APPROVAL FROM DIRECTOR'S REPRESENTATIVE.

UTILITY NOTES

- EXPOSED BOLTS, RODS OR METALS REQUIRED FOR THE SANITARY AND STORM SEWERS TO BE BURIED SHALL BE COATED WITH BITUMINOUS MATERIAL TO PREVENT CORROSION.
- EXISTING DRAINAGE FACILITIES TO REMAIN SHALL BE MAINTAINED FREE OF DEBRIS AND FOREIGN MATTER AND OPERATIONAL THROUGHOUT THE CONSTRUCTION PERIOD.
- UPON COMPLETION OF THE CONTRACT WORK AND STABILIZATION OF THE SITE, EXISTING AND PROPOSED DRAINAGE FACILITIES TO REMAIN WITHIN THE PROJECT AREA SHALL BE CLEANED TO ATTAIN THEIR FULL FLOW CAPABILITIES.
- CATCH BASINS, STORM MANHOLES, SANITARY SEWER MANHOLES, VALVES AND APPURTENANCES SHALL BE DESIGNED FOR HS-20 LOADINGS.
- EXISTING & PROPOSED MANHOLE RIMS AND WATERMAIN VALVES ARE TO BE ADJUSTED TO FINISHED GRADE, AS REQUIRED.
- STORM SEWER PIPING SHALL BE SMOOTH INTERIOR CORRUGATED POLYETHYLENE PIPE WITH WATER TIGHT JOINTS OR APPROVED EQUAL, CONFORMING TO SPECIFICATION SECTION 334104.
- MANHOLES, CATCH BASINS, CLEANOUTS, VALVE BOXES, FRAMES, COVERS AND GRATES REMAINING IN USE SHALL BE PROTECTED AND ADJUSTED TO FINISH GRADE IF NECESSARY.
- ALL CATCH BASINS, GRATES, AND MANHOLE COVERS SHALL BE LOCKING TYPE AS SPECIFIED IN SECTION 333913 OF THE PROJECT MANUAL.
- ALL PROPOSED SANITARY SEWER PIPING SHALL BE S.D.R. 35 P.V.C. WITH PUSH-ON JOINTS MEETING A.S.T.M. 3034. REFER TO TECHNICAL SECTION 333104, ENTITLED "PLASTIC DRAINAGE PIPE".
- PROVIDE S.D.R. 35 P.V.C. WYES, BENDS, PIPING, AND ALL RELATED APPURTENANCES AS SHOWN OR SPECIFIED, FOR RECONNECTION OF EXISTING SANITARY SEWER LATERALS TO THE PROPOSED MAINLINE SEWER SECTIONS BEING REPLACED UNDER THIS CONTRACT.
- ALL PROPOSED WATER MAIN PIPING SHALL BE CLASS 52 DUCTILE IRON WITH FIELD LOCK RESTRAINED JOINTS AND MEGA-LUGS AT ALL FITTING. REFER TO TECHNICAL SECTION 331101, ENTITLED "WATER UTILITY DISTRIBUTION PIPING", FOR FURTHER REQUIREMENTS. ALL WATER MAIN PIPING SHALL BE ENCASED IN 8 MIL POLYETHYLENE BAGS. DUCTILE IRON WATER MAIN SHALL HAVE THRUST BLOCKS PROVIDED AS SHOWN ON SHEET C-503 DETAILS H, I, J, AND K.
- ALL RAW WATER LINES SHALL BE HDPE DR-11.
- ALL PROPOSED WATER MAIN PIPING SHALL BE INSTALLED WITH A MINIMUM OF 5-FOOT OF COVER.
- PROVIDE TAPPING SADDLES, TAPPING OF THE WATER MAIN, CORPORATION STOPS, CURB STOPS, COPPER TUBING, AND ALL RELATED APPURTENANCES AS SHOWN OR SPECIFIED, FOR TRANSFER OF ALL EXISTING WATER SERVICES TO THE PROPOSED MAINLINE WATER MAIN SECTIONS BEING REPLACED UNDER THIS CONTRACT.
- ALL PROPOSED AND REHABILITATED SANITARY AND STORM SEWER RIMS, WATER VALVES AND OTHER STRUCTURES SHALL BE ADJUSTED TO FINISHED GRADE.
- SPECIAL ATTENTION SHALL BE GIVEN TO EXISTING UTILITIES SO THEY ARE NOT DISTURBED DURING CONSTRUCTION.
- ALL WATER MAINS AND SERVICES SHALL BE PRESSURE TESTED IN ACCORDANCE WITH TECHNICAL SECTION 331101.
- CONTRACTOR TO COORDINATE SHUT DOWN OF WATER SERVICES WITH DIRECTOR'S REPRESENTATIVE. COORDINATE TRANSFER OF SERVICE WITH DIRECTOR'S REPRESENTATIVE. TRANSFER OF SERVICES MAY BE REQUIRED AT NIGHT.
- UNDERGROUND UTILITIES ARE SHOWN FROM EXISTING DESIGN DRAWINGS AND FROM UPDATED FIELD SURVEY. CONTRACTOR SHALL VERIFY LOCATIONS PRIOR TO CONSTRUCTION.
- TRENCHES MUST BE PROTECTED TO THE SATISFACTION OF THE DIRECTOR'S REPRESENTATIVE. ACCEPTABLE METHODS INCLUDE BACKFILLING OR COVERING WITH STEEL PLATING CAPABLE OF H-20 LOADING BEFORE SHUTTING DOWN EACH NIGHT.
- THE CONTRACTOR SHALL MAINTAIN STORM, SANITARY, AND WATER UTILITIES DURING WINTER SHUT DOWN.
- COORDINATE ALL WORK BETWEEN THE "C" AND "E" CONTRACTS WITH THE DIRECTOR'S REPRESENTATIVE PRIOR TO COMMENCEMENT.
- UNDERGROUND UTILITIES CROSS THE PROPOSED WORK AREAS. THE CONTRACTORS SHALL RETAIN A UTILITY LOCATING SERVICE TO FIELD LOCATE ALL UTILITIES PRIOR TO ANY EXCAVATION OR SOIL DISTURBANCE (SEE PROJECT MANUAL SECTION 023313).

DEMOLITION NOTES

- ALL DEBRIS AND SPOIL MATERIAL INCLUDING SIDEWALKS, SLABS, FOUNDATIONS AND MISCELLANEOUS DEMOLITION SHALL BE DISPOSED OF OFF-SITE UNLESS OTHERWISE DIRECTED BY THE DIRECTOR'S REPRESENTATIVE. NO BURNING OF DEBRIS AND OR SPOIL MATERIAL SHALL BE ALLOWED.
- THE CONTRACTOR IS PERMITTED TO SALVAGE ANY EQUIPMENT OR MATERIALS THEY DEEM FEASIBLE FOR THAT PURPOSE UNLESS IT IS SPECIFIED TO BE SALVAGED AS SHOWN OR DISCUSSED IN THE CONTRACT DOCUMENTS. ALL SALVAGED MATERIAL OR ITEMS SHALL BE REMOVED FROM THE SITE IMMEDIATELY UPON REMOVAL. NO SUCH MATERIALS SHALL BE STORED ON THE SITE. ABSOLUTELY NO SALES OF SALVAGED MATERIALS WILL BE ALLOWED ON THE PROJECT SITE.
- ALL EXISTING ON-SITE UTILITIES SHALL REMAIN UNLESS DESIGNATED FOR REMOVAL OR ABANDONMENT. THE CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES TO REMAIN.
- CONTRACTOR SHALL PROVIDE ALL REMOVALS INCIDENTAL TO THE SANITARY SEWER, STORM SEWER, AND WATER MAIN WORK UNDER THIS CONTRACT.

DEMOLITION NOTES

- CONTRACTOR SHALL SAW CUT EDGES OF PAVEMENT AND CONCRETE WALKWAYS REQUIRED TO BE REMOVED FOR INSTALLATION OF THE SANITARY SEWER, STORM SEWER, AND WATER MAIN WORK UNDER THIS CONTRACT. THE CONTRACTOR SHALL RESTORE ALL PAVEMENT AND CONCRETE WALKWAYS AS SHOWN OR SPECIFIED, AND AS DIRECTED BY THE DIRECTOR'S REPRESENTATIVE.
- PIPES TO BE ABANDONED IN PLACE SHALL BE PLUGGED (BOTH ENDS) & FILLED WITH CLSM.
- DEMOLISHED PIPE DIMENSIONS SHOWN ON PLAN ARE APPROXIMATE AND SHALL BE VERIFIED BY THE CONTRACTOR.
- REMOVE EXISTING LIGHT POLES AND FOUNDATIONS AND DISPOSE OF FOUNDATIONS OFFSITE. LIGHT POLES TO BE TURNED OVER TO THE FACILITY. THE CONTRACTOR SHALL REMOVE ALL LIGHTING CIRCUIT CONDUCTORS BACK TO POWER SOURCE. CIRCUIT BREAKERS SHALL BE LABELED AS SPARE. AT COMPLETION OF PROJECT CONTRACTOR SHALL PROVIDE A TYPE WRITTEN UPDATED PANEL DIRECTORY. CONCEALED AND UNDERGROUND CONDUIT SHALL REMAIN IN-PLACE UNLESS INTERFERING WITH NEW CONSTRUCTION. PORTIONS OF UNDERGROUND AND CONCEALED CONDUIT INTERFERING WITH NEW CONSTRUCTION SHALL BE REMOVED, INCLUDING ANY CONCRETE ENCASEMENT. PROVIDE CAPS ON ANY REMAINING CONCEALED CONDUIT.

EXISTING LEGEND

| | | | |
|-------------------|---------------------------------|------|-----------------------------|
| ---- | OVERHEAD ELECTRIC | □ | BENCHMARK |
| ---- | UNDERGROUND ELECTRIC | ○ | BOLLARD, GATE POST |
| ---- | SANITARY SEWER | □ | CATCH BASIN AND DROP INLET |
| ---- | STORM SEWER | ⊕ | CLEANOUT |
| ---- | WATER | ⊕ | DRAINAGE MANHOLE |
| ---- | 2" RAW WATER | ⊕ | ELECTRIC MANHOLE |
| ---- | SIGNAL | ⊕ | FIRE HYDRANT |
| ---- | ELECTRIC SIGNAL BOX | > | GUY WIRE & GUY POLE |
| ---- | EXISTING CONTOUR LINE | ⊕ | GAS VALVE |
| F.F. ELEV.=304.48 | FINISHED FLOOR ELEVATION | ○ | IRON PIPE & PROPERTY MARKER |
| INV 345.67 | INVERT ELEVATION | ○ | MONITORING WELL |
| ---- | SIGN | ⊕ | PEDESTRIAN TRAFFIC LIGHT |
| ---- | FENCE | ⊕ | PULLBOX |
| ---- | SECURITY FENCE | ⊕ | ROOF ELEVATION |
| ---- | VEGETATION LINE | ⊕ | SANITARY MANHOLE |
| ---- | DECIDUOUS TREE | ⊕ | SEWER VENT |
| ---- | EVERGREEN TREE | + | SIGN - 1 POST |
| ---- | BUILDING | ++ | SIGN - 2 POSTS |
| ---- | STONE WALL | ⊕ | STORM MANHOLE |
| COMM-# | COMMUNICATION STRUCTURE NO. | ⊕ | TELEPHONE MANHOLE |
| DS-# | DRAINAGE STRUCTURE NO. | ⊕ | UTILITY POLE |
| GV-# | GAS VALVE STRUCTURE NO. | ⊕ | WALK LIGHT |
| SAN-# | SANITARY/COMBINED STRUCTURE NO. | ⊕ | WATER SHUT OFF |
| WV-# | WATER VALVE STRUCTURE NO. | ⊕ | WATER VALVE |
| • | EXISTING LIGHT | CB-# | C.B./D.I. STRUCTURE NO. |

ABBREVIATIONS

| | |
|-------------|---|
| CB | CATCH BASIN |
| CIP | CAST IRON PIPE |
| CLSM | CONTROLLED LOW STRENGTH MATERIAL |
| CONC. | CONCRETE |
| CPEP | CORRUGATED POLYETHYLENE PIPE |
| DIP | DUCTILE IRON PIPE |
| EL OR ELEV. | ELEVATION |
| F.F.E. | FIRST FLOOR ELEVATION |
| C.L.L. | CONTRACT LIMIT LINE |
| H.C. | HANDICAP |
| HDPE | HIGH DENSITY POLYETHYLENE |
| INV. | INVERT |
| G.L.L. | GRADING LIMIT LINE |
| MH | MANHOLE |
| NYSDEC | NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION |
| SMH | STORM MANHOLE |
| PVC | POLYVINYL CHLORIDE PIPE |
| RCP | REINFORCED CONCRETE PIPE |
| SCIPP | SMOOTH INTERIOR CORRUGATED POLYETHYLENE PIPE |
| SWMA | STORMWATER MANAGEMENT AREA |
| SS | SANITARY SEWER PIPE |
| ST | STORM SEWER PIPE |
| TF | TOP OF FABRIC |
| UG | UNDERGROUND ELECTRIC |
| USACE | UNITED STATES ARMY CORE OF ENGINEERS |
| VCP | VITRIFIED CLAY PIPE |
| WQV | WATER QUALITY VOLUME |

PROPOSED LEGEND

| | | | |
|------|-----------|-----|--|
| --- | 24" SICPP | ⊕ | STORM SEWER & STORM MANHOLE |
| □ | CB 7 | ⊕ | CATCH BASIN & NUMBER (SEE SHEET C-502 DETAIL D) |
| ○ | MH | ⊕ | PROVIDE MANHOLE (SEE SHEET C-502 DETAIL F) |
| ⊕ | | ⊕ | FLARED END SECTION (SEE SHEET C-500 DETAIL E) |
| ---- | | ⊕ | PIPE TO BE REMOVED OR ABANDONED & FILLED WITH CLSM WHERE INDICATED |
| --- | | ⊕ | WATER MAIN, HYDRANT & VALVE |
| ⊕ | 8" | ⊕ | SANITARY SEWER & SANITARY MANHOLE |
| ⊕ | | ⊕ | SEWER & MANHOLE TO BE REHABILITATED |
| --- | | ⊕ | SLOPE DIRECTION (DOWN) |
| --- | 508 | --- | CONTOUR LINE |
| --- | | --- | RIP-RAP |
| --- | | --- | STABILIZED CONSTRUCTION ENTRANCE SEE SHEET C-500 DETAIL A |
| --- | | --- | TURF REINFORCEMENT MATTING |
| --- | | --- | STONE CHECK DAM SEE SHEET C-500 DETAIL D |
| --- | SF | --- | SILT FENCE SEE SHEET C-500 DETAIL C |
| --- | | --- | CATCH BASIN INLET PROTECTION SEE SHEET C-500 DETAIL F |
| --- | C.L.L. | --- | CONTRACT LIMIT LINE |
| --- | G.L.L. | --- | GRADING LIMIT LINE |
| • | | • | BOLLARD |
| --- | | --- | PAVEMENT TO HAVE FULL SECTION REPLACEMENT (SEE SHEET C-501 DETAIL D) |
| --- | | --- | PAVEMENT TO BE MILLED AND NEW OVERLAY INSTALLED |
| --- | | --- | GRAVEL PAVEMENT SECTION (SEE SHEET C-501 DETAIL C) |
| --- | | --- | CONCRETE SIDEWALK (SEE SHEET C-501 DETAIL F) |
| --- | 4"D | --- | BIORETENTION AREA UNDERDRAIN AND CLEANOUT SEE SHEET C-504 DETAIL G |



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 Deputy Commissioner, Design and Construction



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CONTRACT: CONSTRUCTION

TITLE: STORM DRAINAGE IMPROVEMENTS, WATER DISTRIBUTION AND SEWER COLLECTION SYSTEM REPLACEMENTS

LOCATION: ALLEN RESIDENTIAL CENTER AND YOUTH LEADERSHIP ACADEMY NYS RTE. 10 SOUTH KORTRIGHT, NY

CLIENT: OFFICE OF CHILDREN & FAMILY SERVICES

| | | |
|-----------------|-----------------------|------------------|
| 0 | 12/21/12 | FINAL SUBMISSION |
| MARK | DATE | DESCRIPTION |
| PROJECT NUMBER: | 43753-C | |
| DESIGNED BY: | M. LASELL, J. CHAGNON | |
| DRAWN BY: | S. JOHNSON | |
| FIELD CHECK: | | |
| APPROVED: | | |

SHEET TITLE:
NOTES, LEGEND & ABBREVIATIONS

DRAWING NUMBER:
C-002

Jan 01,2013 8:54am
 I:\Nys-Ogs-2009\42742-Allen-Resident\Docs\1-16-12 Youth Leadership 100% Design\DWG\Sheets\C-002.dwg
 36x24 PLOT SHEET

STORMWATER POLLUTION PREVENTION NOTES

1. BACKGROUND INFORMATION

PROJECT INTENT
 THE PURPOSE OF THIS PROJECT IS TO PROVIDE NEW AND REHABILITATED PAVEMENT, WATERMANS, SANITARY SEWERS, AND STORM SEWERS TO IMPROVE THE INFRASTRUCTURE AT THE ALLEN RESIDENTIAL CENTER AND YOUTH LEADERSHIP ACADEMY.

PROJECT LOCATION
 THE ALLEN RESIDENTIAL CENTER AND YOUTH LEADERSHIP ACADEMY IS LOCATED ON NEW YORK STATE ROUTE 10 IN SOUTH KORTRIGHT, NY IN DELAWARE COUNTY. THE PROJECT SITE IS LOCATED IN THE NEW YORK CITY WATER SUPPLY AND WATERSHED.

2. GENERAL SITE INFORMATION
 THE SITE IS BOUNDED BY EXISTING, UNDEVELOPED WOODED AREAS TO THE NORTH, NYS ROUTE 10 TO THE SOUTH AND EXISTING RESIDENTIAL AREAS TO THE EAST AND WEST.
 APPROXIMATELY 7 ACRES WILL BE DISTURBED BY THE WORK OF THE CONTRACT.
 HYDROLOGIC AND HYDRAULIC ANALYSES WERE PERFORMED FOR THE FACILITY SITE AREA STORM SEWERS AND STORM WATER MANAGEMENT AREA IMPROVEMENTS.

3. SEQUENCE OF CONSTRUCTION

A. PRIOR TO COMMENCING ANY CONSTRUCTION ACTIVITIES ON THE SITE, MEET WITH THE DIRECTOR'S REPRESENTATIVE TO DISCUSS THE STORMWATER POLLUTION PREVENTION PLAN.

B. INSTALL SILT FENCE AS SHOWN ON EROSION AND SEDIMENT CONTROL PLANS DOWN GRADIENT OF WORK AREAS. INSTALLATION OF THE SILT FENCE SHALL BE INSPECTED AND APPROVED BY THE DIRECTOR'S REPRESENTATIVE PRIOR TO BEGINNING ANY CONSTRUCTION.

C. CONSTRUCT TEMPORARY SEDIMENT TRAP AS SHOWN ON THE EROSION CONTROL PLANS. SEDIMENT TRAP SHALL BE STABILIZED PRIOR TO CONSTRUCTION AND PRIOR TO DIVERTING FLOWS FROM EXISTING STORM PIPE.

D. CONTRACTOR SHALL INSTALL INLET PROTECTION ON CATCH BASINS THAT RECEIVE RUNOFF FROM DISTURBED AREAS.

E. INSTALL WATER MAINS AS SHOWN ON PLANS WHILE MAINTAINING WATER SERVICE TO EACH BUILDING.

F. CONTRACTOR SHALL STABILIZE AREAS AS WORK IS COMPLETED.

G. INSTALL SANITARY SEWERS AS SHOWN ON PLANS.

H. INSTALL STORM SEWERS AND STORM WATER IMPROVEMENTS AS SHOWN ON PLANS.

I. CONTRACTOR SHALL DIVERT WATER AROUND THE PROPOSED STORMWATER BASINS ON THE EAST SIDE OF THE SITE UNTIL ALL AREAS UPSTREAM ARE STABILIZED.

J. ONCE SITE IS STABILIZED IN ACCORDANCE WITH THE SWPPP, THE CONTRACTOR SHALL REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL PRACTICES.

4. SITE DISTURBANCE

A. NO MORE THAN 5 ACRES CAN BE DISTURBED AT ANY TIME DURING CONSTRUCTION OF THIS PROJECT. IF THE DIRECTOR'S REPRESENTATIVE REQUIRES OR CONTRACTOR REQUESTS TO DISTURB GREATER THAN 5 ACRES OF LAND AT ONE TIME, THE CONTRACTOR IS REQUIRED TO REQUEST/NOTIFY NYSOCS AND OBTAIN APPROVAL PRIOR TO NOTIFYING THE REGIONAL NYSDEC OFFICE PRIOR TO DOING SO. THE REQUEST/NOTIFICATION TO THE NYSDEC WILL NEED TO INCLUDE:
 LETTER REQUESTING AN INCREASED DISTURBANCE LIMIT. THE LETTER WILL NEED TO IDENTIFY:
 - THE AMOUNT OF AREA INTENDED TO BE DISTURBED
 - EXPLANATION OF WHY MORE THAN 5 ACRES NEED TO BE DISTURBED
 - ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES THAT WILL BE IMPLEMENTED BY THE CONTRACTOR TO MITIGATE THE INCREASED AREA OF DISTURBANCE
 - DISCUSSION OF STABILIZATION MEASURES THAT WILL BE INSTALLED (WITHIN SEVEN DAYS) FROM THE CONCLUSION OF SOIL DISTURBANCE ACTIVITIES.
 - ADDITIONAL WATER QUALITY TREATMENT PRACTICES THAT WILL BE INSTALLED.

B. UPDATED SWPPP TO SHOW ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES TO BE IMPLEMENTED BY THE CONTRACTOR TO MITIGATE THE INCREASED AREA OF DISTURBANCE.

NOTES CONTINUED

5. POLLUTION PREVENTION MEASURES
 TAKE THE FOLLOWING STEPS TO PREVENT LITTER, CHEMICALS AND DEBRIS FROM ENTERING STORM DRAINS AND DISCHARGES:

A. PROPERLY INSTALL AND MAINTAIN EROSION AND SEDIMENT CONTROL DEVICES AS OUTLINED IN THE PROJECT DOCUMENTS AND IN COMPLIANCE WITH THE LATEST EDITION OF THE NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR THE EROSION AND SEDIMENT CONTROL.

B. PROPERLY CONTAIN AND DISPOSE OF ALL MATERIALS USED ON SITE. THE CONTRACTOR SHALL CONTACT THE NYSDEC SPILLS HOTLINE 1-800-457-7362 IN THE EVENT A SPILL OCCURS ON-SITE DURING CONSTRUCTION.

C. CLEAN UP SPILLS IMMEDIATELY TO MINIMIZE SAFETY HAZARDS AND PREVENT SPREADING.

D. ROUTINELY INSPECT AND CLEAN OUT CATCH BASINS AND STORM LINES.

E. CONTROL LITTER BY SWEEPING AND PICKING IT UP DAILY.

F. IF POSSIBLE, DO NOT STORE FUEL OR PETROLEUM PRODUCTS ON SITE. IF FUEL/PETROLEUM PRODUCTS ARE STORED ON SITE:

- USE SECONDARY CONTAINMENT MEASURES.
- HAVE EQUIPMENT ON SITE TO CONTAIN AND CLEAN UP SPILLS IN FUEL STORAGE AREAS OR ON BOARD MAINTENANCE AND FUELING VEHICLES.
- CONTAIN AND CLEAN UP SPILLS IMMEDIATELY.
- USE PREVENTATIVE MAINTENANCE FOR ON-SITE EQUIPMENT.
- OVERSEE ALL FILLING OPERATIONS.

G. PRACTICE GOOD HOUSEKEEPING AND EDUCATE EMPLOYEES ON POLLUTION PREVENTION MEASURES.

- STORE ON-SITE MATERIALS AND CHEMICALS IN A NEAT AND ORDERLY MANNER AND IN AREAS DESIGNATED FOR SUCH STORAGE.
- ROUTINELY DISPOSE OF GARBAGE, RUBBISH, CONSTRUCTION WASTE AND SANITARY WASTE.
- PROMPTLY CLEAN UP ANY SPILLS.
- ALL POINTS OF CONSTRUCTION INGRESS AND EGRESS SHALL BE PROTECTED TO PREVENT THE DEPOSITION OF MATERIALS ONTO TRAVERSE PUBLIC THOROUGHFARE(S) EITHER BY INSTALLING AND MAINTAINING A STABILIZED CONSTRUCTION ENTRANCE, OR BY WASHING ALL VEHICLE WHEELS IN A SAFE DISPOSAL AREA, OR BY UTILIZING EXISTING PAVED ROADWAYS ON SITE. ALL MATERIALS DEPOSITED ONTO PUBLIC THOROUGHFARE(S) SHALL BE REMOVED IMMEDIATELY. PROPER PRECAUTIONS SHOULD BE TAKEN TO ENSURE THAT MATERIALS DEPOSITED ONTO PUBLIC THOROUGHFARE(S) ARE REMOVED SO THAT THEY DO NOT ENTER DRAINAGE SYSTEMS. SWEEPING OF ROADS UTILIZED DURING CONSTRUCTION SHALL BE DONE ON A DAILY BASIS AT A MINIMUM OR AS ORDERED BY THE DIRECTOR'S REPRESENTATIVE AT NO ADDITIONAL COST.
- THE CONTRACTOR IS TO PROVIDE DUST CONTROL MEASURES BEFORE DUST MIGRATES OFF-SITE. SITE CONTRACTOR SHALL HAVE A WATER TRUCK OR OTHER ACCEPTABLE MEANS OF CONTROLLING DUST AVAILABLE AT ALL TIMES ON-SITE.
- PRODUCTS ARE TO BE KEPT IN THEIR ORIGINAL CONTAINERS WITH THE ORIGINAL MANUFACTURER'S LABEL.
- SUBSTANCES ARE NOT TO BE MIXED WITH ONE ANOTHER UNLESS RECOMMENDED BY THE MANUFACTURER.
- WHENEVER POSSIBLE, PRODUCT IS TO BE USED UP OR PACKAGES RESEALED BEFORE PROPER DISPOSAL OF CONTENTS AND CONTAINERS OFF-SITE.
- MANUFACTURERS' RECOMMENDATIONS FOR PROPER USE AND DISPOSAL ARE TO BE FOLLOWED.
- INSPECTION IS TO BE MADE FOR PROPER USE AND DISPOSAL OF MATERIALS DURING PERIODIC INSPECTIONS AND RECORDED ON THE INSPECTION REPORT FORM.

H. FOR CONSTRUCTION WASTE:

- SELECT A DESIGNATED WASTE AREA
- PROVIDE AN ADEQUATE NUMBER OF CONTAINERS WITH LIDS OR COVERS THAT CAN BE PLACED OVER CONTAINERS PRIOR TO RAINFALL.
- WHEN POSSIBLE, LOCATE CONTAINERS IN A COVERED AREA.
- ARRANGE FOR WASTE COLLECTION PRIOR TO CONTAINER OVERFLOW.
- IF A CONTAINER DOES SPILL, CLEAN IT UP IMMEDIATELY.
- CONSTRUCTION WASTE SHALL BE COLLECTED, REMOVED AND DISPOSED OF ONLY IN AUTHORIZED DISPOSAL AREAS.
- DISPOSAL METHODS SHALL MEET THE REQUIREMENTS OF FEDERAL, STATE AND LOCAL AUTHORITIES.

I. PROVIDE AND MAINTAIN TEMPORARY SANITARY FACILITIES. DOMESTIC WASTE HAULERS SHALL BE CONTRACTED TO REGULARLY REMOVE THE SANITARY WASTES AND TO MAINTAIN THE FACILITIES IN GOOD WORKING ORDER. PORTABLE TOILETS ARE TO BE INSTALLED AND CLEANED REGULARLY WITH THEIR CONTENTS PROPERLY DISPOSED OF. PORTABLE TOILETS SHALL BE LOCATED SO THEY WILL NOT BE KNOCKED OVER BY CONSTRUCTION ACTIVITIES.

J. IF FERTILIZERS OR DETERGENTS ARE USED ON SITE:

- LIMIT THE APPLICATIONS OF FERTILIZERS TO THE MINIMUM AREA REQUIRED AND USE THE MINIMUM RECOMMENDED AMOUNTS.
- REDUCE THE EXPOSURE OF NUTRIENTS TO STORMWATER.
- APPLY FERTILIZER MORE FREQUENTLY BUT AT LOWER APPLICATION RATES.
- HYDROSEEDING WHERE LIME AND FERTILIZERS ARE APPLIED TO THE GROUND SURFACE IN ONE APPLICATION SHOULD BE LIMITED WHERE POSSIBLE.
- LIMIT THE USE OF DETERGENTS ON SITE: WASH WATER CONTAINING DETERGENTS SHALL NOT BE DISCHARGED INTO THE STORMWATER SYSTEM.
- APPLY FERTILIZERS AND DETERGENTS ONLY IN THE RECOMMENDED MANNER AND ONLY IN THE RECOMMENDED AMOUNTS.

NOTES CONTINUED

6. ON-SITE MATERIAL STORAGE
 THE FOLLOWING MATERIALS MAY BE STORED ON-SITE DURING PROJECT CONSTRUCTION. THIS LIST MAY NOT BE ALL-INCLUSIVE AND WILL VARY DURING THE DIFFERENT STAGES OF THE PROJECT

- PRE-CAST CONCRETE MANHOLES, CATCH BASINS AND OUTLET CONTROL STRUCTURES.
- WATERMAIN PIPING, VALVES, AND HYDRANTS.
- SEWER PIPING AND APPURTENANCES.
- STOCKPILED SOILS - TOP SOIL, SUB BASE MATERIAL, CUSHION MATERIAL, SELECT GRANULAR MATERIAL AND CRUSHED STONE.
- EROSION AND SEDIMENT CONTROL MATERIALS: SILT FENCE, EROSION CONTROL BLANKETS, RIP-RAP AND SEED.
- PAVING MATERIALS AND EQUIPMENT
- UTILIZE THE POLLUTION PREVENTION MEASURES OUTLINED ABOVE TO PREVENT POLLUTANTS FROM STORED MATERIALS FROM REACHING THE STORMWATER CONVEYANCE DEVICES AND DISCHARGES.

9. PHASING AND DESCRIPTION OF EROSION AND SEDIMENT CONTROL PRACTICES
 THE LOCATION OF THE FOLLOWING STORMWATER MANAGEMENT AND EROSION AND SEDIMENT CONTROL PRACTICES ARE SHOWN ON DRAWINGS. DETAILS FOR THEIR INSTALLATION ARE SHOWN ON DRAWINGS.

- SILT FENCE: SILT FENCE REDUCES RUNOFF VELOCITY AND CAUSES SETTLING OF SEDIMENT. INSTALL SILT FENCE PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITIES, AND WHERE DIRECTED BY THE DIRECTOR'S REPRESENTATIVE. INSTALL AROUND ANY STOCKPILED SOIL MATERIALS.
- TEMPORARY STORM INLET PROTECTION: STORM INLET PROTECTION INTERCEPTS SEDIMENT LADEN RUNOFF AND TRAPS SEDIMENT TO PROTECT THE DRAINAGE SYSTEM. STORM INLET PROTECTION SHALL BE PROVIDED AT EACH NEW CATCH BASIN AS IT IS INSTALLED.
- TEMPORARY SEEDING: TEMPORARY SEEDING REDUCES EROSION AND SEDIMENT LOSS FROM BARE GROUND. PROVIDE TEMPORARY SEEDING TO PROVIDE TEMPORARY COVER FOR DISTURBED EARTH OR SOIL STOCKPILES. IN SPRING, SUMMER OR EARLY FALL APPLY RYE GRASS AT A RATE OF 1LB/1000 SQ. FT. IN LATE FALL OR EARLY SPRING, APPLY CERTIFIED AROOSTOOK RYE AT 2.5 LBS/1000 SQ. FT. APPLY HAY OR STRAW AT 2 BALES/1000 SQ. FT. OR WOOD FIBER HYDROMULCH AT MANUFACTURER'S RECOMMENDED RATE. HAY OR STRAW SHALL BE ANCHORED.
- DUST CONTROL: TEMPORARY AND PERMANENT STABILIZATION MEASURES, SUCH AS SEEDING, MULCHING AND INSTALLING EROSION AND SEDIMENT CONTROL BLANKETS, WILL PREVENT DUST FROM BLOWING OFF SITE. INSTALL THESE MEASURES AS SOON AS FINAL GRADES ARE REACHED ON SOIL STOCKPILES AND DISTURBED AREAS TO BE LEFT OF LONGER THAN 7 DAYS.
- CHANNEL AND APRON REINFORCEMENT: RIP-RAP CHANNELS AND APRONS PROVIDE FOR THE DISPERSAL OF CONCENTRATED RUNOFF WITHOUT DAMAGE FROM EROSION OR FLOODING. PROVIDE RIP-RAP AS SOON AS POSSIBLE AFTER CHANNELS, OUTLET STRUCTURES AND PIPING ARE IN PLACE.
- EROSION CONTROL BLANKET: EROSION CONTROL BLANKETS REDUCE EROSION BY PROVIDING STABILIZATION OF BARE SOIL AND ALLOW FOR VEGETATION OF DISTURBED AREA. EROSION CONTROL BLANKETS SHALL BE PLACED AS SHOWN ON THE CONTRACT DRAWINGS.
- PERMANENT SEEDING: PERMANENT SEEDING PREVENTS SOIL EROSION FROM BARE SOIL. ONCE FINAL GRADING OF AN AREA HAS BEEN COMPLETED, SEEDING SHALL TAKE PLACE IMMEDIATELY.

7. EROSION AND SEDIMENT CONTROL PRACTICE LOCATION & SIZING
 REFER TO PLANS FOR THE LOCATION(S), SIZE(S) AND LENGTH(S) OF EROSION AND SEDIMENT CONTROL PRACTICES.

8. DIMENSIONS, MATERIAL SPECIFICATIONS, AND INSTALLATION DETAILS OF EROSION AND SEDIMENT CONTROL PRACTICES
 REFER TO THE PLANS, THE PROJECT MANUAL AND ALLEN RESIDENTIAL CENTER SWPPP CONSTRUCTION AND MAINTENANCE MANUAL FOR DIMENSIONS, MATERIAL SPECIFICATIONS AND INSTALLATION DETAILS OF EROSION AND SEDIMENT CONTROL PRACTICES.

| EROSION & SEDIMENT CONTROL PRACTICES IMPLEMENTATION SCHEDULE | | |
|--|--|--|
| PRACTICE | INITIAL PLACEMENT | DURATION OF USE |
| SILT FENCE | PRIOR TO CONSTRUCTION ACTIVITIES | UNTIL SITE STABILIZATION |
| STORM INLET PROTECTION | PRIOR TO CONSTRUCTION ACTIVITIES ON EXISTING CATCH BASIN AND IMMEDIATELY UPON INSTALLATION OF NEW CATCH BASINS | UNTIL SITE STABILIZATION |
| TEMPORARY SEEDING | BARE EARTH & SOIL STOCK PILES TO BE INACTIVE FOR 7 DAYS OR LONGER | UNTIL FINAL GRADING & SEEDING OR USE OF STOCK PILE |
| DUST CONTROL | COMMENCEMENT OF CONSTRUCTION ACTIVITIES | SITE STABILIZATION |
| EROSION CONTROL BLANKET | FINAL GRADING | PERMANENT |
| CHANNEL & APRON PROTECTION | FINAL GRADING | PERMANENT |

NOTES CONTINUED

9. EROSION AND SEDIMENT CONTROL AND STORMWATER CONTROL DEVICE MAINTENANCE
CONSTRUCTION DURATION
 ALL EROSION AND SEDIMENT CONTROL DEVICES SHALL BE INSPECTED WEEKLY OR TWICE WEEKLY IF MORE THAN 5 ACRES OF LAND HAS BEEN DISTURBED.

- SILT FENCE SHALL BE REPLACED WHEN TORN, IS BULGING OR NO LONGER MEETING THE INSTALLATION DETAILS.
- RIP-RAP LINED CHANNELS AND STONE APRONS SHALL BE INSPECTED FOR UNDERMINING AND OBSTRUCTIONS. MISSING MATERIAL SHALL BE REPLACED, OBSTRUCTIONS REPAIRED AND MATERIALS REPLACED.
- OUTLETS SHALL BE CHECKED FOR SCOURING AND OBSTRUCTIONS. ANY DEFICIENCIES SHALL BE REPAIRED.
- DRAINAGE STRUCTURES AND PIPING SHALL BE CHECKED FOR CLOGGING AND SEDIMENT ACCUMULATION AND CLEANED IF REQUIRED.
- EROSION CONTROL BLANKETS SHALL BE CHECKED FOR PROPER/MISSING ANCHORING, PLACEMENT DENSITY, DAMAGE DUE TO VANDALISM OR CONSTRUCTION ACTIVITIES. AREAS WHERE EROSION CONTROL BLANKETS ARE USED SHALL BE CHECKED FOR RILLING. AREAS WHERE RILLING IS OCCURRING SHALL BE REGRADED, RESEEDED AND RECOVERED.

PROJECT DURATION
 AT PROJECT COMPLETION AND PRIOR TO PROJECT CLOSE OUT, INSPECT ALL PERMANENT EROSION AND SEDIMENT CONTROL AND STORMWATER MANAGEMENT PRACTICES.

- ACCEPTABLE VEGETATION ESTABLISHMENT IN ACCORDANCE WITH SPECIFICATION SECTION 310101 AND 329219.
- RIP-RAP LINED CHANNELS SHALL BE INSPECTED FOR UNDERMINING AND CHANNEL OBSTRUCTION. MISSING MATERIAL SHALL BE REPLACED, OBSTRUCTIONS REPAIRED AND MATERIALS REPLACED.
- OUTLETS SHALL BE CHECKED FOR SCOURING AND OBSTRUCTIONS. ANY DEFICIENCIES SHALL BE REPAIRED.
- DRAINAGE STRUCTURES AND PIPING SHALL BE CHECKED FOR CLOGGING AND SEDIMENT ACCUMULATION AND CLEANED IF REQUIRED.
- STAGING LAYDOWN AREAS FOR VEHICLE AND CONSTRUCTION EQUIPMENT SHALL BE LOCATED ON STABILIZED PORTIONS OF THE SITE. VEHICLES AND EQUIPMENT ARE TO BE WASHED DOWN IN STABILIZED AREAS PRIOR TO EXITING SITE.

10. RECEIVING WATER
 STORMWATER RUNOFF FROM THE SITE IS DISCHARGED TO THE WEST BRANCH OF THE DELAWARE RIVER.

11. SWPPP IMPLEMENTATION

- QUALIFIED INSPECTOR SHALL CONDUCT A SITE INSPECTION AT LEAST ONCE EVERY 7 CALENDAR DAYS. FOR CONSTRUCTION SITES THAT HAVE RECEIVED AUTHORIZATION TO DISTURB GREATER THAN 5 ACRES OF SOIL AT ANY ONE TIME, THE QUALIFIED INSPECTOR SHALL CONDUCT AT LEAST 2 SITE INSPECTIONS EVERY 7 CALENDAR DAYS. WHEN PERFORMING 2 INSPECTIONS EVERY 7 CALENDAR DAYS, THE INSPECTIONS SHALL BE SEPARATED BY A MINIMUM OF 2 FULL CALENDAR DAYS.
- FOR CONSTRUCTION SITES WHERE SOIL DISTURBANCE ACTIVITIES HAVE BEEN TEMPORARILY SUSPENDED (E.G. WINTER SHUTDOWN) AND TEMPORARY STABILIZATION MEASURES HAVE BEEN APPLIED TO ALL DISTURBED AREAS, THE QUALIFIED INSPECTOR SHALL CONDUCT A SITE INSPECTION AT LEAST ONCE EVERY 30 CALENDAR DAYS. THE OWNER OR OPERATOR SHALL NOTIFY THE REGIONAL OFFICE IN WRITING PRIOR TO REDUCING THE FREQUENCY OF INSPECTIONS.
- THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH AND IMPLEMENTING THE SWPPP.
- IF FIELD CONDITIONS RENDER THE EROSION AND SEDIMENT CONTROL MEASURES INEFFECTIVE IN MINIMIZING POLLUTANTS FROM STORMWATER DISCHARGES THEN THE DIRECTOR'S REPRESENTATIVE SHALL UPDATE OR AMEND THE CONTRACT DRAWINGS TO ADDRESS THE DEFICIENCY. THE CONTRACTOR SHALL INSTALL/CONSTRUCT ANY NEW FACILITIES WITHIN SEVEN DAYS OF NOTIFICATION AS A RESULT OF THE MODIFICATIONS AT NO ADDITIONAL COST TO THE OWNER.

12. STRUCTURAL PRACTICES FOR EROSION AND SEDIMENT CONTROL

- STORM INLET PROTECTION - SHALL KEEP SEDIMENT OUT OF THE STORMWATER CONVEYANCE SYSTEM. SHALL BE PROVIDED ON EXISTING AND NEW CATCH BASINS.
- SILT FENCE - SHALL CONTROL AND TREAT SURFACE RUNOFF.
- REVEGETATION BLANKET - SHALL PROVIDE STABILIZATION FOR SENSITIVE AREAS.
- TEMPORARY SEDIMENT TRAPS - SHALL PROVIDE STORAGE FOR RUNOFF FROM DISTURBED AREAS TO PROMOTE SETTLEMENT OF SUSPENDED SOLIDS PRIOR TO DISCHARGING FROM THE SITE.

13. LOCATION AND SIZE OF POST CONSTRUCTION RUNOFF PRACTICES
 REFER TO THE PLANS FOR LOCATION AND SIZES OF EACH POST CONSTRUCTION STORMWATER CONTROL PRACTICE.

14. COMPARISON OF PRE AND POST CONSTRUCTION STORMWATER RUNOFF
 THE PROJECT DOES NOT ANTICIPATE AN INCREASE IN THE POST CONSTRUCTION RUNOFF RATES, TO THE WEST BRANCH OF THE DELAWARE RIVER.

| | PRE-CONSTRUCTION RUNOFF | | POST-CONSTRUCTION RUNOFF | |
|---------|-------------------------|----------|--------------------------|----------|
| | 10 YEAR | 100 YEAR | 10 YEAR | 100 YEAR |
| DP WEST | 10 CFS | 24 CFS | 9 CFS | 24 CFS |
| DP EAST | 3 CFS | 6 CFS | 2 CFS | 6 CFS |



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CONTRACT: CONSTRUCTION

TITLE: STORM DRAINAGE IMPROVEMENTS, WATER DISTRIBUTION AND SEWER COLLECTION SYSTEM REPLACEMENTS

LOCATION: ALLEN RESIDENTIAL CENTER AND YOUTH LEADERSHIP ACADEMY NYS RTE. 10 SOUTH KORTRIGHT, NY

CLIENT: OFFICE OF CHILDREN & FAMILY SERVICES

| MARK | DATE | DESCRIPTION |
|--|-----------------------|------------------|
| 0 | 12/21/12 | FINAL SUBMISSION |
| PROJECT NUMBER: | 43753-C | |
| DESIGNED BY: | M. LASELL, J. CHAGNON | |
| DRAWN BY: | S. JOHNSON | |
| FIELD CHECK: | | |
| APPROVED: | | |
| STORMWATER POLLUTION PREVENTION NOTES | | |
| DRAWING NUMBER: C-003 | | |
| SHEET 3 OF 47 | | |



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CONTRACT: CONSTRUCTION

TITLE:
STORM DRAINAGE IMPROVEMENTS,
WATER DISTRIBUTION AND SEWER
COLLECTION SYSTEM REPLACEMENTS

LOCATION:
ALLEN RESIDENTIAL CENTER AND
YOUTH LEADERSHIP ACADEMY
NYS RTE. 10 SOUTH KORTRIGHT, NY

CLIENT:
OFFICE OF CHILDREN & FAMILY
SERVICES

1"=80'

| MARK | DATE | DESCRIPTION |
|------|----------|------------------|
| 0 | 12/21/12 | FINAL SUBMISSION |

PROJECT NUMBER: 43753-C

DESIGNED BY: M. LASELL, J. CHAGNON

DRAWN BY: S. JOHNSON

FIELD CHECK:

APPROVED:

SHEET TITLE:

KEY PLAN

DRAWING NUMBER:
C-100

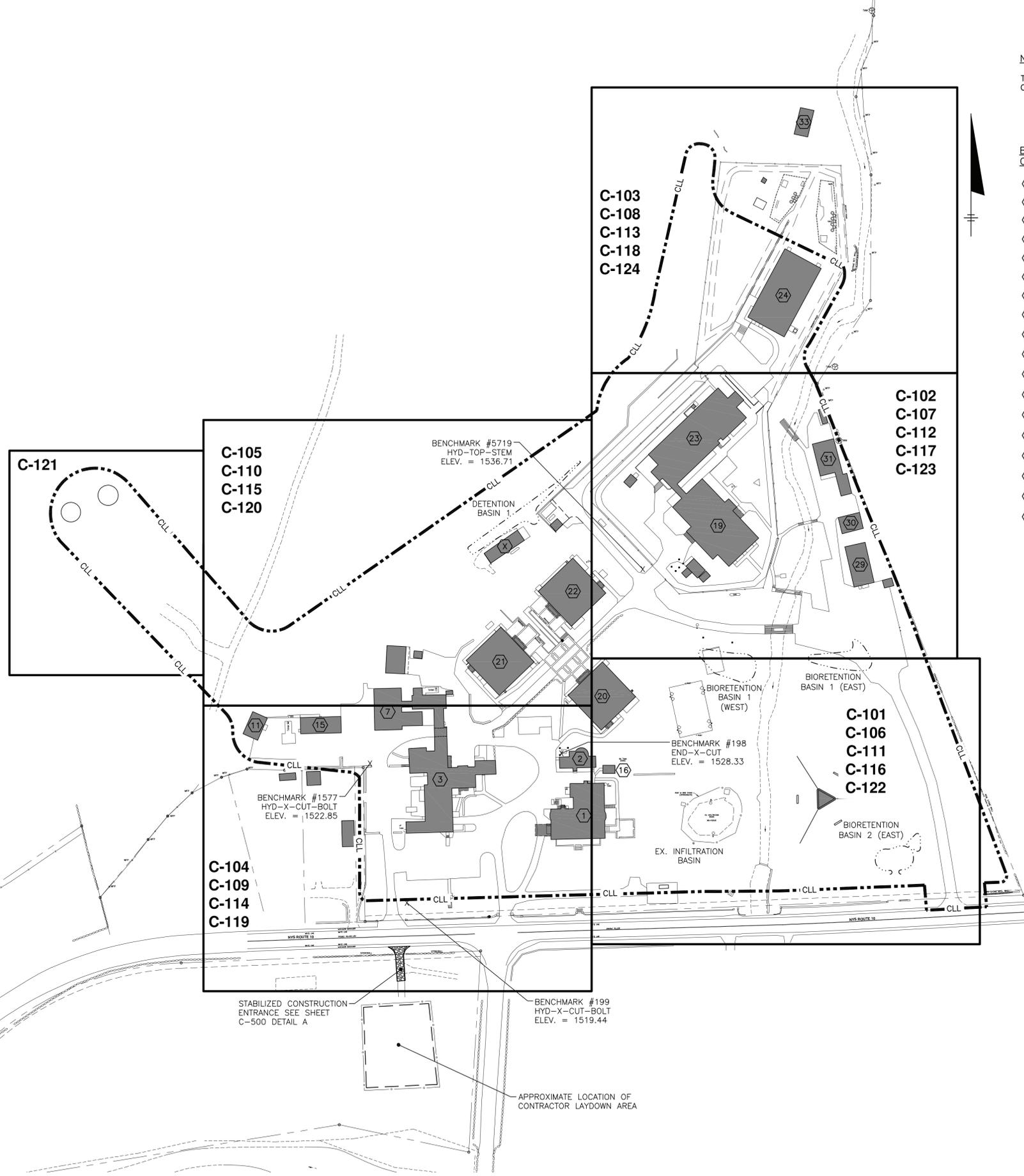
SHEET 4 OF 48

NOTE:
THE CONTRACT LIMIT LINE (CLL) HAS BEEN SHOWN ON THIS DRAWING FOR CLARITY.

CLL - - - - - CLL - - - - -

BUILDING KEY FOR SHEETS
C-125 THROUGH C-130

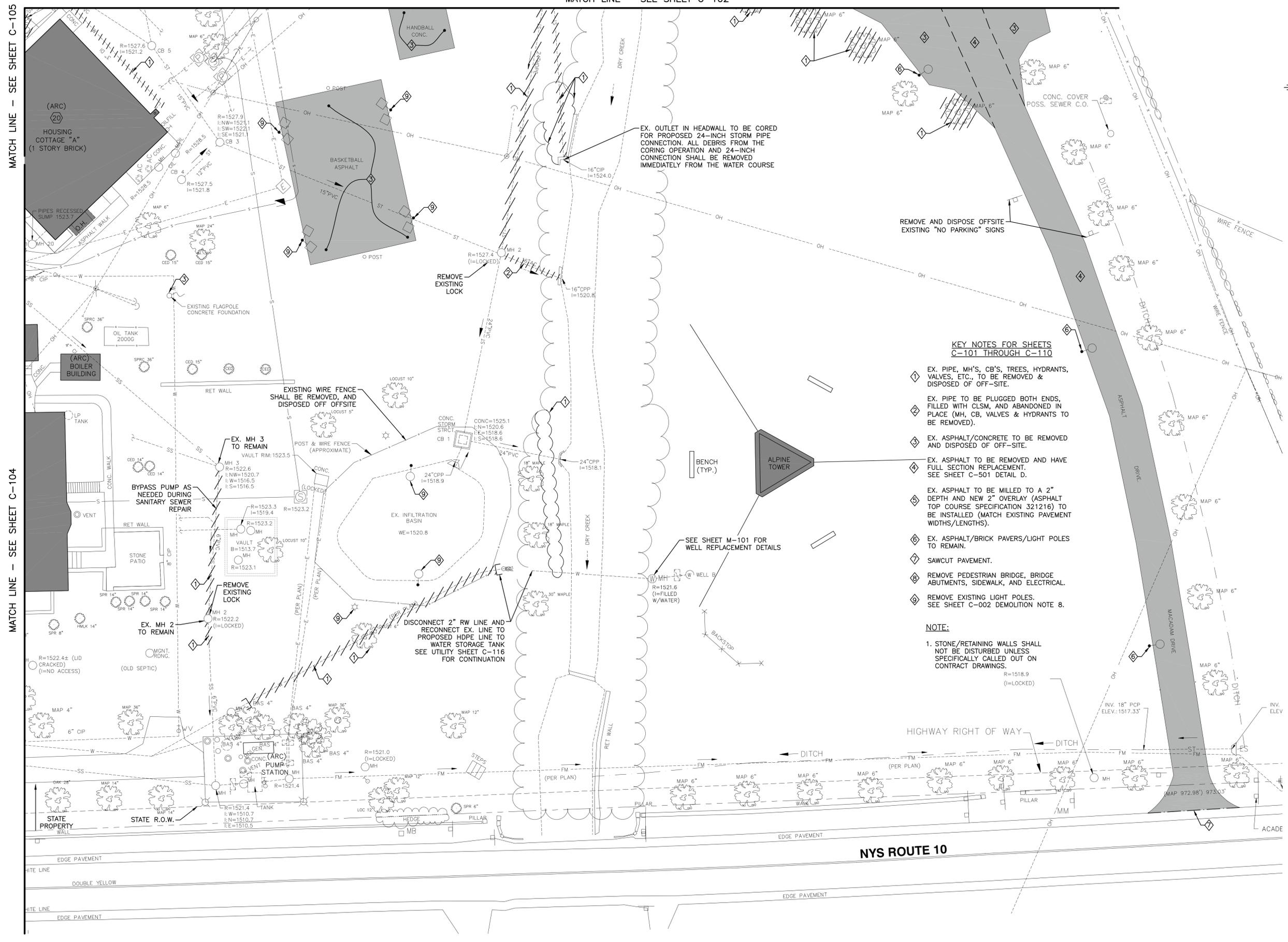
- (1) ADMINISTRATION BUILDING 3-STORY
- (2) CENTRAL SECURITY UNIT 2-STORY
- (3) ACADEMIC BUILDING 2-STORY
- (7) MIDAS AUTO REPAIR SHOP
- (11) WATER TREATMENT PLANT BLDG.
- (15) MAINTENANCE GARAGE
- (16) BOILER BUILDING
- (19) KITCHEN/DINING ROOM
- (20) HOUSING COTTAGE "A"
- (21) HOUSING COTTAGE "B"
- (22) HOUSING COTTAGE "C"
- (23) MAIN BUILDING
- (24) GYMNASIUM
- (29) SUPPLY BUILDING
- (30) MAINTENANCE OFFICE
- (31) MAINTENANCE SHOP
- (33) MAINTENANCE SHOP
- (X) GREENHOUSE



Jun 01,2013 8:55am
I:\Nys-Ojgs-2069\42742\Allen-Resident\Draws\1-16-12 Youth Leadership 100% Design\DWG\Sheets\C-100.dwg
36x24 PLOT SHEET

Jun 01, 2013 8:55am
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 36x24 PLOT SHEET

MATCH LINE - SEE SHEET C-102



MATCH LINE - SEE SHEET C-105

MATCH LINE - SEE SHEET C-104

PLAN
 SCALE: 1"=20'

KEY NOTES FOR SHEETS C-101 THROUGH C-110

- 1 EX. PIPE, MH'S, CB'S, TREES, HYDRANTS, VALVES, ETC., TO BE REMOVED & DISPOSED OF OFF-SITE.
- 2 EX. PIPE TO BE PLUGGED BOTH ENDS, FILLED WITH CLSM, AND ABANDONED IN PLACE (MH, CB, VALVES & HYDRANTS TO BE REMOVED).
- 3 EX. ASPHALT/CONCRETE TO BE REMOVED AND DISPOSED OF OFF-SITE.
- 4 EX. ASPHALT TO BE REMOVED AND HAVE FULL SECTION REPLACEMENT. SEE SHEET C-501 DETAIL D.
- 5 EX. ASPHALT TO BE MILLED TO A 2" DEPTH AND NEW 2" OVERLAY (ASPHALT TOP COURSE SPECIFICATION 321216) TO BE INSTALLED (MATCH EXISTING PAVEMENT WIDTHS/LENGTHS).
- 6 EX. ASPHALT/BRICK PAVERS/LIGHT POLES TO REMAIN.
- 7 SAWCUT PAVEMENT.
- 8 REMOVE PEDESTRIAN BRIDGE, BRIDGE ABUTMENTS, SIDEWALK, AND ELECTRICAL.
- 9 REMOVE EXISTING LIGHT POLES. SEE SHEET C-002 DEMOLITION NOTE 8.

NOTE:

- 1. STONE/RETAINING WALLS SHALL NOT BE DISTURBED UNLESS SPECIFICALLY CALLED OUT ON CONTRACT DRAWINGS.

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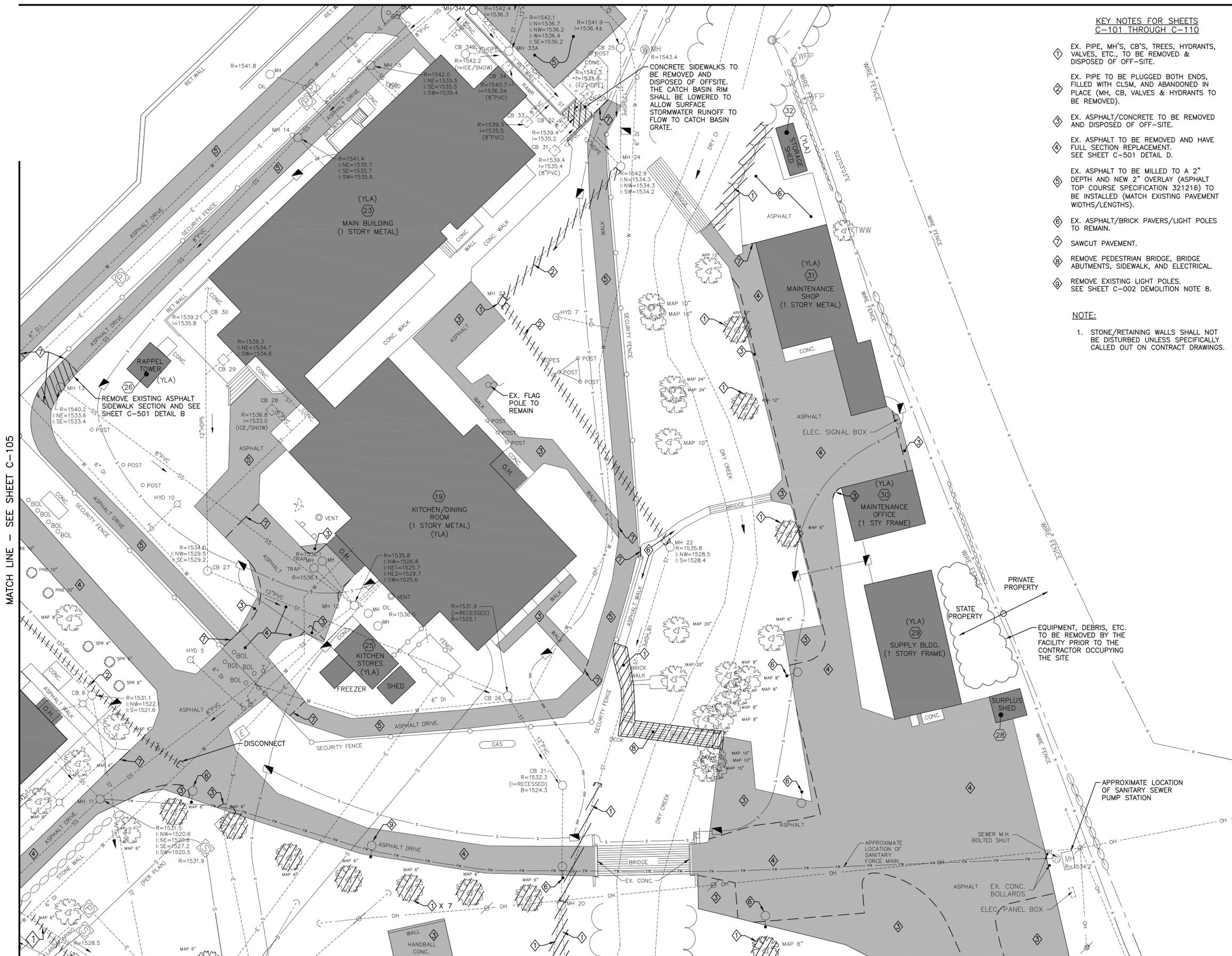
CONTRACT: CONSTRUCTION
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| DRAWN BY: | S. JOHNSON | |
| FIELD CHECK: | | |
| APPROVED: | | |
| SHEET TITLE: | EXISTING SITE & DEMOLITION PLAN | |

DRAWING NUMBER:
 C-101
 SHEET 5 OF 48

MATCH LINE - SEE SHEET C-103



KEY NOTES FOR SHEETS C-101 THROUGH C-110

- ◆ EX. PIPE, MH'S, CB'S, TREES, HYDRANTS, VALVES, ETC., TO BE REMOVED & DISPOSED OF OFF-SITE.
- ◆ EX. PIPE TO BE PLUGGED BOTH ENDS, FILLED WITH CLSM, AND ABANDONED IN PLACE (MH, CB, VALVES & HYDRANTS TO BE REMOVED).
- ◆ EX. ASPHALT/CONCRETE TO BE REMOVED AND DISPOSED OF OFF-SITE.
- ◆ EX. ASPHALT TO BE REMOVED AND HAVE FULL SECTION REPLACEMENT. SEE SHEET C-501 DETAIL D.
- ◆ EX. ASPHALT TO BE MILLED TO A 2" DEPTH AND NEW 2" OVERLAY (ASPHALT TOP COURSE SPECIFICATION 321216) TO BE INSTALLED (MATCH EXISTING PAVEMENT WIDTHS/LENGTHS).
- ◆ EX. ASPHALT/BRICK PAVERS/LIGHT POLES TO REMAIN.
- ◆ SAWCUT PAVEMENT.
- ◆ REMOVE PEDESTRIAN BRIDGE, BRIDGE ABUTMENTS, SIDEWALK, AND ELECTRICAL.
- ◆ REMOVE EXISTING LIGHT POLES. SEE SHEET C-002 DEMOLITION NOTE 8.

NOTE:

1. STONE/RETAINING WALLS SHALL NOT BE DISTURBED UNLESS SPECIFICALLY CALLED OUT ON CONTRACT DRAWINGS.



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CONTRACT: CONSTRUCTION
TITLE: STORM DRAINAGE IMPROVEMENTS, WATER DISTRIBUTION AND SEWER COLLECTION SYSTEM REPLACEMENTS
LOCATION: ALLEN RESIDENTIAL CENTER AND YOUTH LEADERSHIP ACADEMY NYS RTE. 10 SOUTH KORTRIGHT, NY
CLIENT: OFFICE OF CHILDREN & FAMILY SERVICES



| MARK | DATE | DESCRIPTION |
|-----------------|-----------------------|------------------|
| 0 | 12/21/12 | FINAL SUBMISSION |
| PROJECT NUMBER: | 43753-C | |
| DESIGNED BY: | M. LASELL, J. CHAGNON | |
| DRAWN BY: | S. JOHNSON | |
| FIELD CHECK: | | |
| APPROVED: | | |

EXISTING SITE & DEMOLITION PLAN

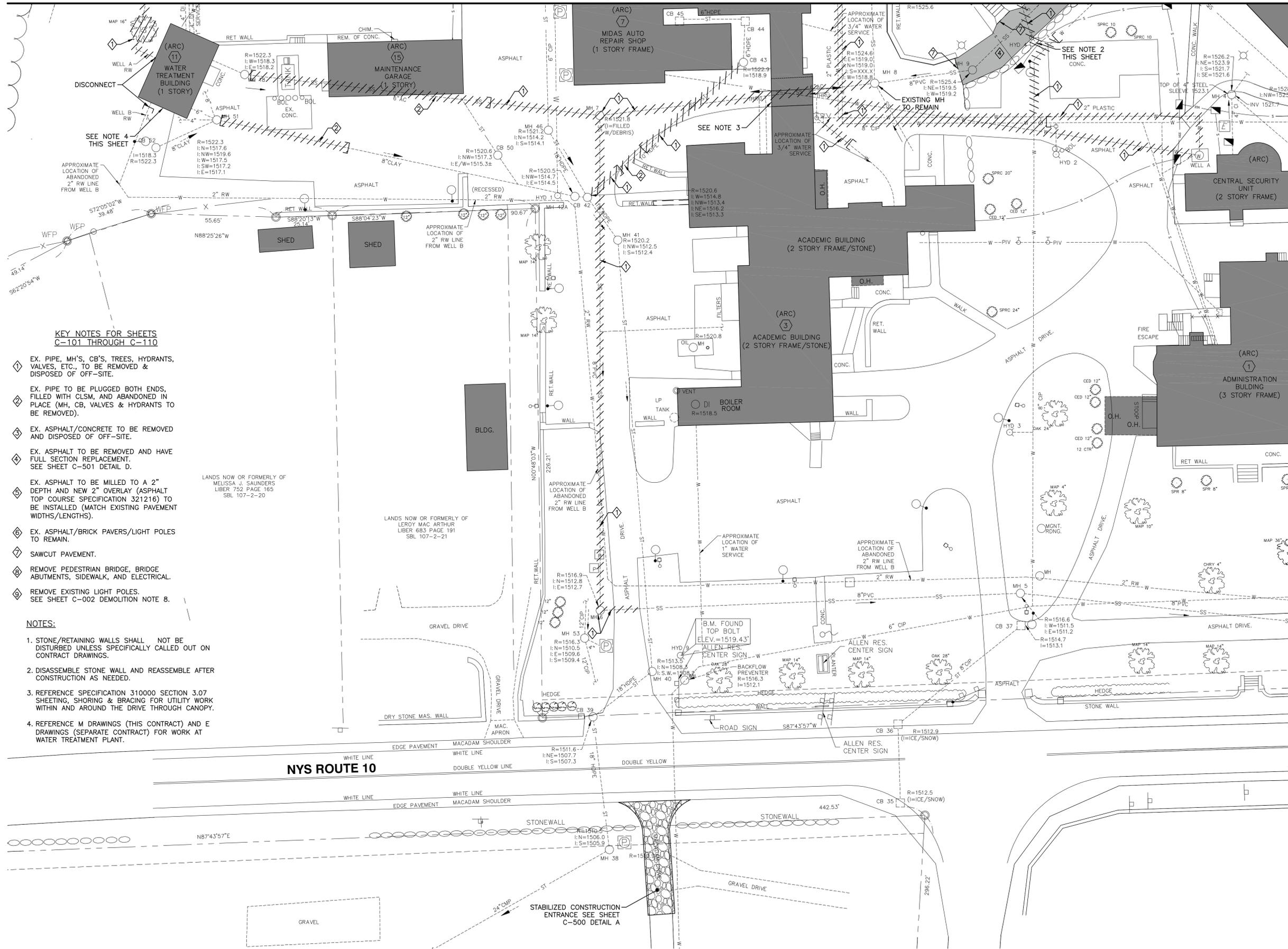
DRAWING NUMBER: C-102
SHEET 6 OF 48

MATCH LINE - SEE SHEET C-101

PLAN
SCALE: 1"=20'

Jun 01,2013 8:55am
 I:\Nys-Ogpa-2069\42742\Allen-Resident\Draws\1-16-12_Youth_Leadership_100%_Design\DWG\Sheets\C-102.dwg
 36x24 PLOT SHEET

MATCH LINE - SEE SHEET C-105



KEY NOTES FOR SHEETS C-101 THROUGH C-110

- ◆ EX. PIPE, MH'S, CB'S, TREES, HYDRANTS, VALVES, ETC., TO BE REMOVED & DISPOSED OF OFF-SITE.
- ◆ EX. PIPE TO BE PLUGGED BOTH ENDS, FILLED WITH CLSM, AND ABANDONED IN PLACE (MH, CB, VALVES & HYDRANTS TO BE REMOVED).
- ◆ EX. ASPHALT/CONCRETE TO BE REMOVED AND DISPOSED OF OFF-SITE.
- ◆ EX. ASPHALT TO BE REMOVED AND HAVE FULL SECTION REPLACEMENT. SEE SHEET C-501 DETAIL D.
- ◆ EX. ASPHALT TO BE MILLED TO A 2" DEPTH AND NEW 2" OVERLAY (ASPHALT TOP COURSE SPECIFICATION 321216) TO BE INSTALLED (MATCH EXISTING PAVEMENT WIDTHS/LENGTHS).
- ◆ EX. ASPHALT/BRICK PAVERS/LIGHT POLES TO REMAIN.
- ◆ SAWCUT PAVEMENT.
- ◆ REMOVE PEDESTRIAN BRIDGE, BRIDGE ABUTMENTS, SIDEWALK, AND ELECTRICAL.
- ◆ REMOVE EXISTING LIGHT POLES. SEE SHEET C-002 DEMOLITION NOTE B.

NOTES:

1. STONE/RETAINING WALLS SHALL NOT BE DISTURBED UNLESS SPECIFICALLY CALLED OUT ON CONTRACT DRAWINGS.
2. DISASSEMBLE STONE WALL AND REASSEMBLE AFTER CONSTRUCTION AS NEEDED.
3. REFERENCE SPECIFICATION 310000 SECTION 3.07 SHEETING, SHORING & BRACING FOR UTILITY WORK WITHIN AND AROUND THE DRIVE THROUGH CANOPY.
4. REFERENCE M DRAWINGS (THIS CONTRACT) AND E DRAWINGS (SEPARATE CONTRACT) FOR WORK AT WATER TREATMENT PLANT.

LANDS NOW OR FORMERLY OF
MELISSA J. SAUNDERS
LIBER 752 PAGE 165
SBL 107-2-20

LANDS NOW OR FORMERLY OF
LEROY MAC ARTHUR
LIBER 683 PAGE 191
SBL 107-2-21

PLAN

SCALE: 1"=20'

MATCH LINE - SEE SHEET C-101



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ROANN M. DESTITO
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CONTRACT:

CONSTRUCTION

TITLE:

STORM DRAINAGE IMPROVEMENTS, WATER DISTRIBUTION AND SEWER COLLECTION SYSTEM REPLACEMENTS

LOCATION:

ALLEN RESIDENTIAL CENTER AND YOUTH LEADERSHIP ACADEMY
NYS RTE. 10 SOUTH KORTRIGHT, NY

CLIENT:

OFFICE OF CHILDREN & FAMILY SERVICES



| MARK | DATE | DESCRIPTION |
|------|----------|------------------|
| 0 | 12/21/12 | FINAL SUBMISSION |

| | |
|-----------------|-----------------------|
| PROJECT NUMBER: | 43753-C |
| DESIGNED BY: | M. LASELL, J. CHAGNON |
| DRAWN BY: | S. JOHNSON |
| FIELD CHECK: | |
| APPROVED: | |

SHEET TITLE:
EXISTING SITE & DEMOLITION PLAN

DRAWING NUMBER:
C-104

SHEET 8 OF 48



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CONTRACT: CONSTRUCTION

TITLE: STORM DRAINAGE IMPROVEMENTS, WATER DISTRIBUTION AND SEWER COLLECTION SYSTEM REPLACEMENTS

LOCATION: ALLEN RESIDENTIAL CENTER AND YOUTH LEADERSHIP ACADEMY NYS RTE. 10 SOUTH KORTRIGHT, NY

CLIENT: OFFICE OF CHILDREN & FAMILY SERVICES

1"=20'

| MARK | DATE | DESCRIPTION |
|------|----------|------------------|
| 0 | 12/21/12 | FINAL SUBMISSION |

PROJECT NUMBER: 43753-C

DESIGNED BY: M. LASELL, J. CHAGNON

DRAWN BY: S. JOHNSON

FIELD CHECK:

APPROVED:

SHEET TITLE:

EXISTING SITE & DEMOLITION PLAN

DRAWING NUMBER: C-105

SHEET 9 OF 48

MATCH LINE - SEE SHEET C-102

MATCH LINE - SEE SHEET C-101



MATCH LINE - SEE SHEET C-104

PLAN

SCALE: 1"=20'

KEY NOTES FOR SHEETS C-101 THROUGH C-110

- ◇ EX. PIPE, MH'S, CB'S, TREES, HYDRANTS, VALVES, ETC., TO BE REMOVED & DISPOSED OF OFF-SITE.
- ◇ EX. PIPE TO BE PLUGGED BOTH ENDS, FILLED WITH CLSM, AND ABANDONED IN PLACE (MH, CB, VALVES & HYDRANTS TO BE REMOVED).
- ◇ EX. ASPHALT/CONCRETE TO BE REMOVED AND DISPOSED OF OFF-SITE.
- ◇ EX. ASPHALT TO BE REMOVED AND HAVE FULL SECTION REPLACEMENT. SEE SHEET C-501 DETAIL D.
- ◇ EX. ASPHALT TO BE MILLED TO A 2" DEPTH AND NEW 2" OVERLAY (ASPHALT TOP COURSE SPECIFICATION 321216) TO BE INSTALLED (MATCH EXISTING PAVEMENT WIDTHS/LENGTHS).
- ◇ EX. ASPHALT/BRICK PAVERS/LIGHT POLES TO REMAIN.
- ◇ SAWCUT PAVEMENT.
- ◇ REMOVE PEDESTRIAN BRIDGE, BRIDGE ABUTMENTS, SIDEWALK, AND ELECTRICAL.
- ◇ REMOVE EXISTING LIGHT POLES. SEE SHEET C-002 DEMOLITION NOTE 8.

NOTE:

1. STONE/RETAINING WALLS SHALL NOT BE DISTURBED UNLESS SPECIFICALLY CALLED OUT ON CONTRACT DRAWINGS.

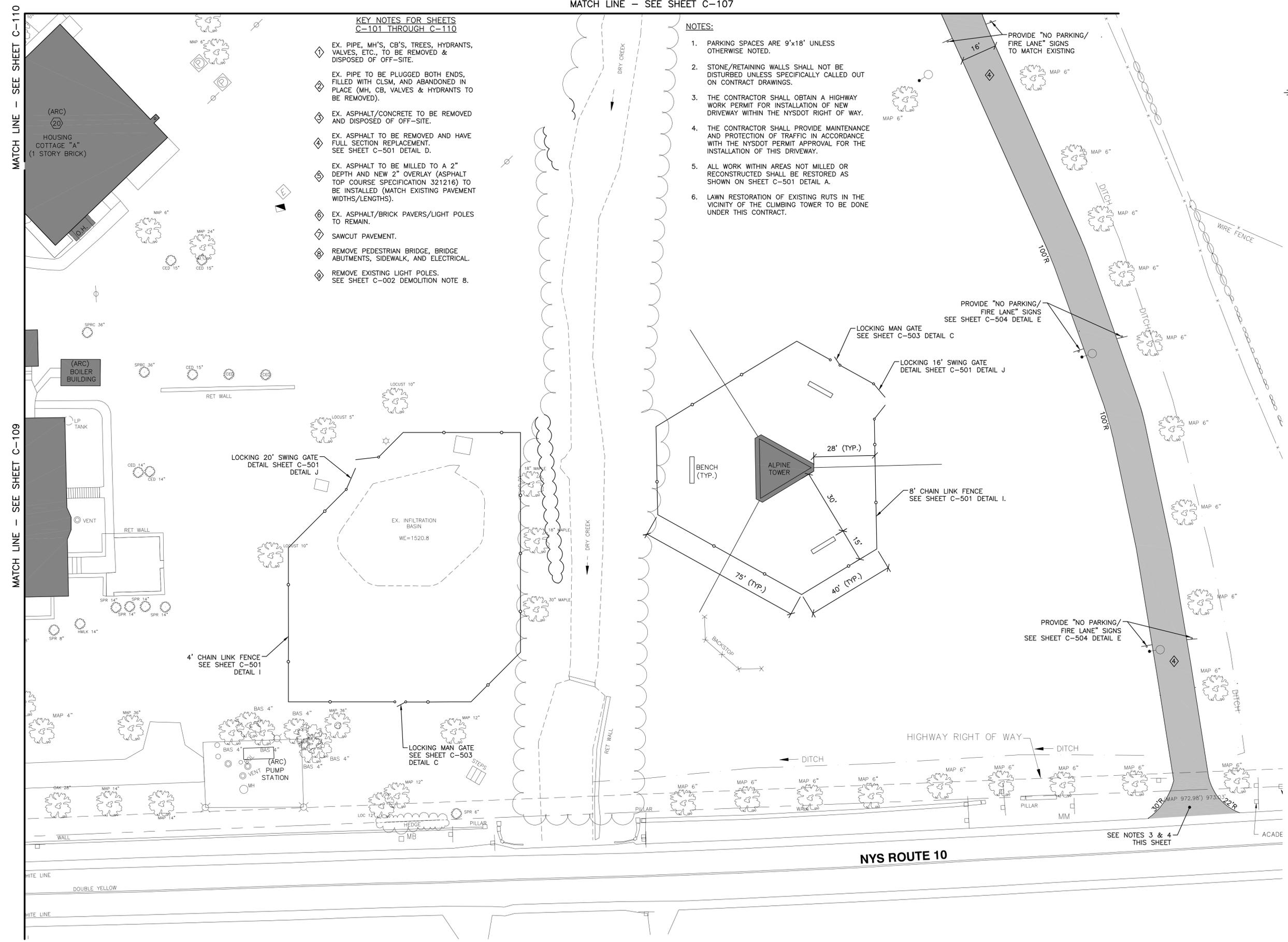
MATCH LINE - SEE SHEET C-107

KEY NOTES FOR SHEETS C-101 THROUGH C-110

- ◇ EX. PIPE, MH'S, CB'S, TREES, HYDRANTS, VALVES, ETC., TO BE REMOVED & DISPOSED OF OFF-SITE.
- ◇ EX. PIPE TO BE PLUGGED BOTH ENDS, FILLED WITH CLSM, AND ABANDONED IN PLACE (MH, CB, VALVES & HYDRANTS TO BE REMOVED).
- ◇ EX. ASPHALT/CONCRETE TO BE REMOVED AND DISPOSED OF OFF-SITE.
- ◇ EX. ASPHALT TO BE REMOVED AND HAVE FULL SECTION REPLACEMENT. SEE SHEET C-501 DETAIL D.
- ◇ EX. ASPHALT TO BE MILLED TO A 2" DEPTH AND NEW 2" OVERLAY (ASPHALT TOP COURSE SPECIFICATION 321216) TO BE INSTALLED (MATCH EXISTING PAVEMENT WIDTHS/LENGTHS).
- ◇ EX. ASPHALT/BRICK PAVERS/LIGHT POLES TO REMAIN.
- ◇ SAWCUT PAVEMENT.
- ◇ REMOVE PEDESTRIAN BRIDGE, BRIDGE ABUTMENTS, SIDEWALK, AND ELECTRICAL.
- ◇ REMOVE EXISTING LIGHT POLES. SEE SHEET C-002 DEMOLITION NOTE 8.

NOTES:

1. PARKING SPACES ARE 9'x18' UNLESS OTHERWISE NOTED.
2. STONE/RETAINING WALLS SHALL NOT BE DISTURBED UNLESS SPECIFICALLY CALLED OUT ON CONTRACT DRAWINGS.
3. THE CONTRACTOR SHALL OBTAIN A HIGHWAY WORK PERMIT FOR INSTALLATION OF NEW DRIVEWAY WITHIN THE NYS DOT RIGHT OF WAY.
4. THE CONTRACTOR SHALL PROVIDE MAINTENANCE AND PROTECTION OF TRAFFIC IN ACCORDANCE WITH THE NYS DOT PERMIT APPROVAL FOR THE INSTALLATION OF THIS DRIVEWAY.
5. ALL WORK WITHIN AREAS NOT MILLED OR RECONSTRUCTED SHALL BE RESTORED AS SHOWN ON SHEET C-501 DETAIL A.
6. LAWN RESTORATION OF EXISTING RUTS IN THE VICINITY OF THE CLIMBING TOWER TO BE DONE UNDER THIS CONTRACT.



PLAN
SCALE: 1"=20'

O&S
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Serving New York
ANDREW M. CUOMO
Governor
ROANN M. DESTITO
Commissioner
JAMES M. DAVIES, A.I.A.
Deputy Commissioner, Design and Construction

CONSULTANT

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CONTRACT: CONSTRUCTION

TITLE: STORM DRAINAGE IMPROVEMENTS, WATER DISTRIBUTION AND SEWER COLLECTION SYSTEM REPLACEMENTS

LOCATION: ALLEN RESIDENTIAL CENTER AND YOUTH LEADERSHIP ACADEMY NYS RTE. 10 SOUTH KORTRIGHT, NY

CLIENT: OFFICE OF CHILDREN & FAMILY SERVICES

1"=20'

| MARK | DATE | DESCRIPTION |
|------|----------|------------------|
| 0 | 12/21/12 | FINAL SUBMISSION |

PROJECT NUMBER: 43753-C

DESIGNED BY: M. LASELL, J. CHAGNON

DRAWN BY: S. JOHNSON

FIELD CHECK:

APPROVED:

SHEET TITLE: SITE PAVING PLAN

DRAWING NUMBER: C-106

SHEET 10 OF 48

Jun 01, 2013 8:56am
 I:\Nys-Ogs-2069\42742\Allen-Resident\Draws\1-16-12 Youth Leadership 100% Design\DWG\Sheets\C-106.dwg
 36x24 PLOT SHEET

MATCH LINE - SEE SHEET C-108

KEY NOTES FOR SHEETS
C-101 THROUGH C-110

- ◇ EX. PIPE, MH'S, CB'S, TREES, HYDRANTS, VALVES, ETC., TO BE REMOVED & DISPOSED OF OFF-SITE.
- ◇ EX. PIPE TO BE PLUGGED BOTH ENDS, FILLED WITH CLSM, AND ABANDONED IN PLACE (MH, CB, VALVES & HYDRANTS TO BE REMOVED).
- ◇ EX. ASPHALT/CONCRETE TO BE REMOVED AND DISPOSED OF OFF-SITE.
- ◇ EX. ASPHALT TO BE REMOVED AND HAVE FULL SECTION REPLACEMENT. SEE SHEET C-501 DETAIL D.
- ◇ EX. ASPHALT TO BE MILLED TO A 2" DEPTH AND NEW 2" OVERLAY (ASPHALT TOP COURSE SPECIFICATION 321216) TO BE INSTALLED (MATCH EXISTING PAVEMENT WIDTHS/LENGTHS).
- ◇ EX. ASPHALT/BRICK PAVERS/LIGHT POLES TO REMAIN.
- ◇ SAWCUT PAVEMENT.
- ◇ REMOVE PEDESTRIAN BRIDGE, BRIDGE ABUTMENTS, SIDEWALK, AND ELECTRICAL.
- ◇ REMOVE EXISTING LIGHT POLES. SEE SHEET C-002 DEMOLITION NOTE B.

NOTES:

1. PARKING SPACES ARE 9'x18' UNLESS OTHERWISE NOTED.
2. STONE/RETAINING WALLS SHALL NOT BE DISTURBED UNLESS SPECIFICALLY CALLED OUT ON CONTRACT DRAWINGS.
3. FENCE INSTALLED UNDER ELECTRICAL CONTRACT "PROVIDE INTERIOR AND EXTERIOR CCTV CAMERA SYSTEM" WHICH WILL BE INSTALLED PRIOR TO COMMENCEMENT OF THIS PROJECT.
4. ALL WORK WITHIN AREAS NOT MILLED OR RECONSTRUCTED SHALL BE RESTORED AS SHOWN ON SHEET C-501 DETAIL A.
5. CONTRACTOR TO LOCATE ELECTRIC LINES NEAR CONCRETE DUMPSTER PAD PRIOR TO INSTALLING BOLLARDS. PROVIDE 18" MINIMUM SEPARATION BETWEEN BOLLARDS AND ELECTRIC LINES.



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 Commissioner
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 Deputy Commissioner, Design and Construction

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CONTRACT:

CONSTRUCTION

TITLE:

STORM DRAINAGE IMPROVEMENTS, WATER DISTRIBUTION AND SEWER COLLECTION SYSTEM REPLACEMENTS

LOCATION:

ALLEN RESIDENTIAL CENTER AND YOUTH LEADERSHIP ACADEMY
 NYS RTE. 10 SOUTH KORTRIGHT, NY

CLIENT:

OFFICE OF CHILDREN & FAMILY SERVICES

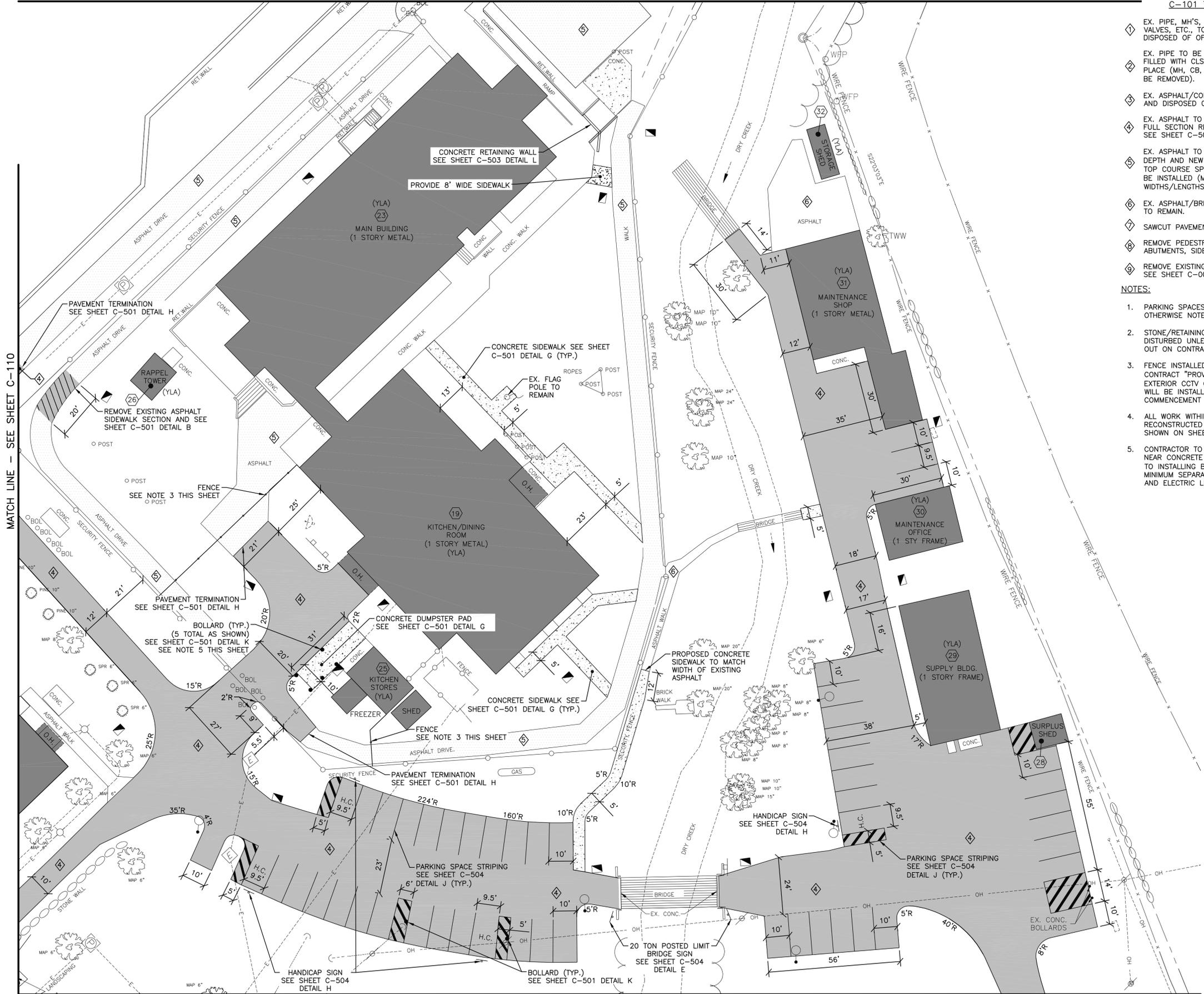
1"=20'

| | | |
|-----------------|-----------------------|------------------|
| 0 | 12/21/12 | FINAL SUBMISSION |
| MARK | DATE | DESCRIPTION |
| PROJECT NUMBER: | 43753-C | |
| DESIGNED BY: | M. LASELL, J. CHAGNON | |
| DRAWN BY: | S. JOHNSON | |
| FIELD CHECK: | | |
| APPROVED: | | |
| SHEET TITLE: | SITE PAVING PLAN | |

| | | |
|-----------------|-----------------------|--|
| PROJECT NUMBER: | 43753-C | |
| DESIGNED BY: | M. LASELL, J. CHAGNON | |
| DRAWN BY: | S. JOHNSON | |
| FIELD CHECK: | | |
| APPROVED: | | |
| SHEET TITLE: | SITE PAVING PLAN | |

DRAWING NUMBER:
 C-107

SHEET 11 OF 48



MATCH LINE - SEE SHEET C-106

PLAN
 SCALE: 1"=20'

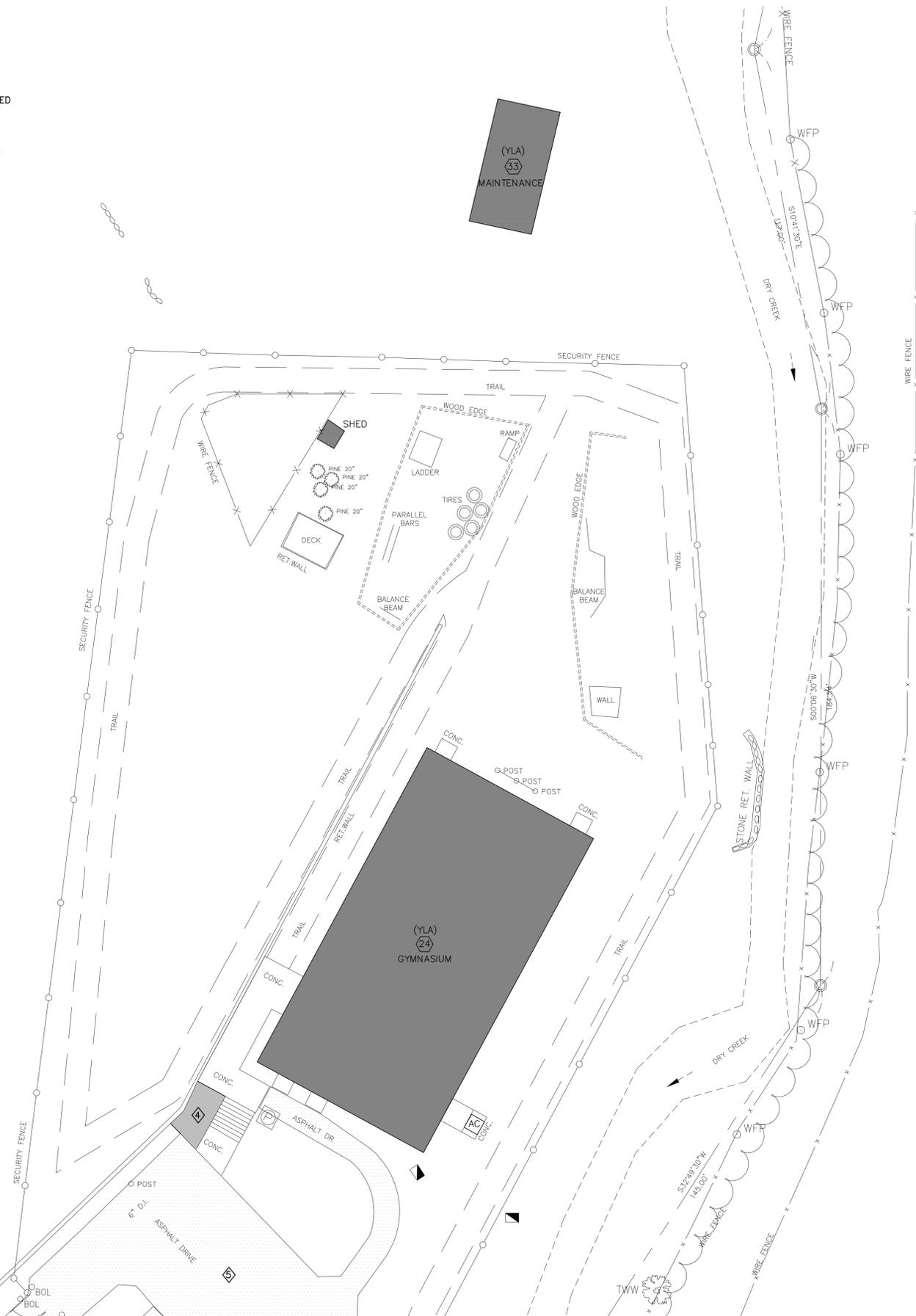
Jun 01, 2013 8:57am
 I:\Nys-Oggs-02069-42742-Allen-Resident\Draws\1-16-12 Youth Leadership 100% Design\DWGOS\Sheets\C-107.dwg
 36x24 PLDT SHEET

**KEY NOTES FOR SHEETS
C-101 THROUGH C-110**

- ① EX. PIPE, MH'S, CB'S, TREES, HYDRANTS, VALVES, ETC., TO BE REMOVED & DISPOSED OF OFF-SITE.
- ② EX. PIPE TO BE PLUGGED BOTH ENDS, FILLED WITH CLSM, AND ABANDONED IN PLACE (MH, CB, VALVES & HYDRANTS TO BE REMOVED).
- ③ EX. ASPHALT/CONCRETE TO BE REMOVED AND DISPOSED OF OFF-SITE.
- ④ EX. ASPHALT TO BE REMOVED AND HAVE FULL SECTION REPLACEMENT. SEE SHEET C-501 DETAIL D.
- ⑤ EX. ASPHALT TO BE MILLED TO A 2" DEPTH AND NEW 2" OVERLAY (ASPHALT TOP COURSE SPECIFICATION 321216) TO BE INSTALLED (MATCH EXISTING PAVEMENT WIDTHS/LENGTHS).
- ⑥ EX. ASPHALT/BRICK PAVERS/LIGHT POLES TO REMAIN.
- ⑦ SAWCUT PAVEMENT.
- ⑧ REMOVE PEDESTRIAN BRIDGE, BRIDGE ABUTMENTS, SIDEWALK, AND ELECTRICAL.
- ⑨ REMOVE EXISTING LIGHT POLES. SEE SHEET C-002 DEMOLITION NOTE B.

NOTES:

- 1. PARKING SPACES ARE 9'x18' UNLESS OTHERWISE NOTED.
- 2. STONE/RETAINING WALLS SHALL NOT BE DISTURBED UNLESS SPECIFICALLY CALLED OUT ON CONTRACT DRAWINGS.
- 3. ALL WORK WITHIN AREAS NOT MILLED OR RECONSTRUCTED SHALL BE RESTORED AS SHOWN ON SHEET C-501 DETAIL A.



MATCH LINE - SEE SHEET C-107

PLAN
SCALE: 1"=20'



CONSULTANT

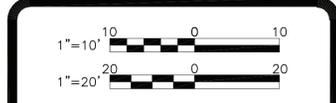


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CONTRACT: CONSTRUCTION
TITLE: STORM DRAINAGE IMPROVEMENTS, WATER DISTRIBUTION AND SEWER COLLECTION SYSTEM REPLACEMENTS
LOCATION: ALLEN RESIDENTIAL CENTER AND YOUTH LEADERSHIP ACADEMY NYS RTE. 10 SOUTH KORTRIGHT, NY
CLIENT: OFFICE OF CHILDREN & FAMILY SERVICES



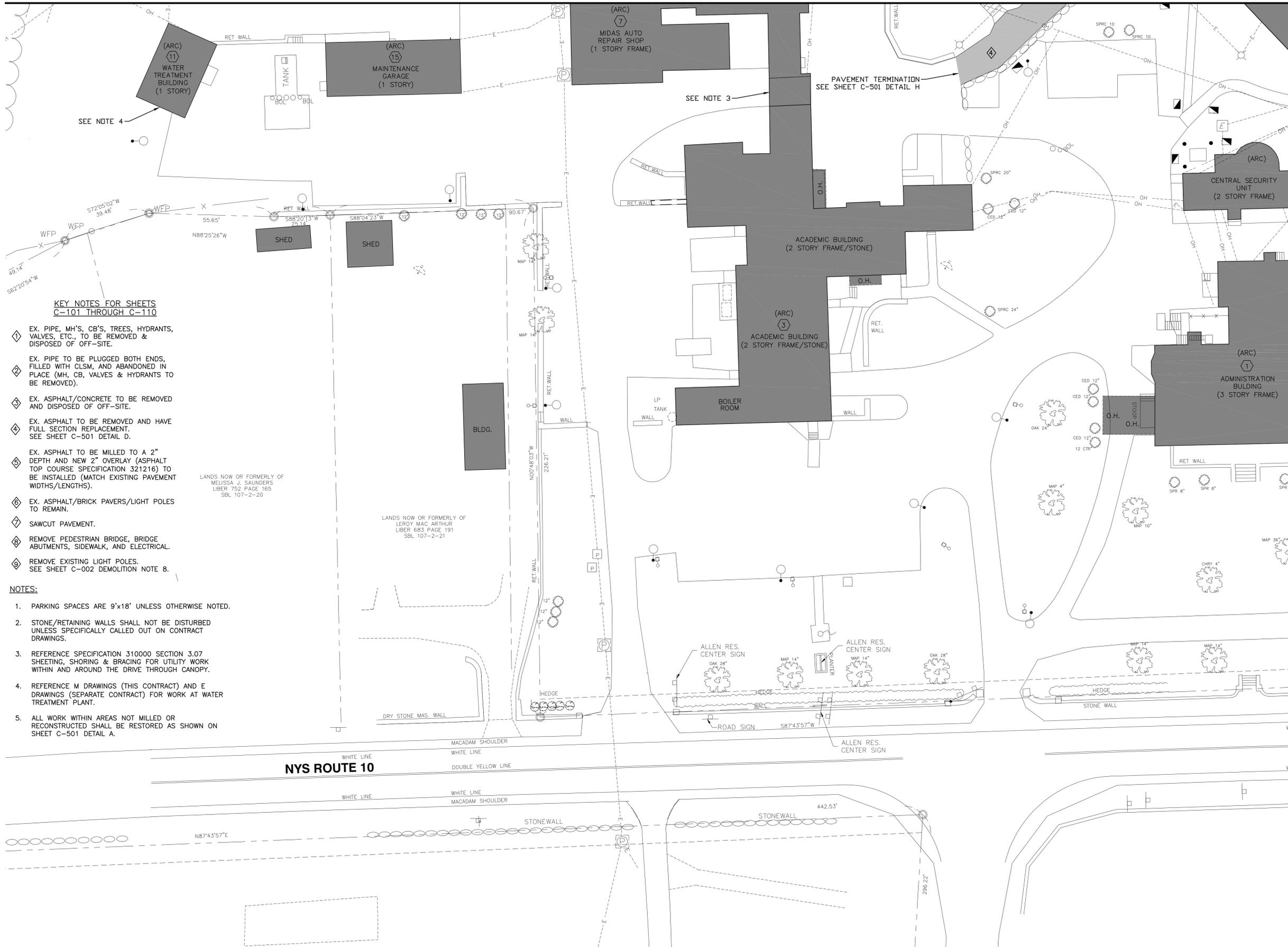
| MARK | DATE | DESCRIPTION |
|-----------------|-----------------------|------------------|
| 0 | 12/21/12 | FINAL SUBMISSION |
| PROJECT NUMBER: | 43753-C | |
| DESIGNED BY: | M. LASELL, J. CHAGNON | |
| DRAWN BY: | S. JOHNSON | |
| FIELD CHECK: | | |
| APPROVED: | | |

SHEET TITLE:
SITE PAVING PLAN

DRAWING NUMBER:
C-108

Jun 01, 2013 8:57 am
 I:\Nys-Ogs-2069\42742\Allen-Resident\Draws\1-16-12 Youth Leadership 100% Design\DWGS\Sheets\C-108.dwg
 36x24 PLOT SHEET

MATCH LINE - SEE SHEET C-110



KEY NOTES FOR SHEETS C-101 THROUGH C-110

- 1. EX. PIPE, MH'S, CB'S, TREES, HYDRANTS, VALVES, ETC., TO BE REMOVED & DISPOSED OF OFF-SITE.
- 2. EX. PIPE TO BE PLUGGED BOTH ENDS, FILLED WITH CLSM, AND ABANDONED IN PLACE (MH, CB, VALVES & HYDRANTS TO BE REMOVED).
- 3. EX. ASPHALT/CONCRETE TO BE REMOVED AND DISPOSED OF OFF-SITE.
- 4. EX. ASPHALT TO BE REMOVED AND HAVE FULL SECTION REPLACEMENT. SEE SHEET C-501 DETAIL D.
- 5. EX. ASPHALT TO BE MILLED TO A 2" DEPTH AND NEW 2" OVERLAY (ASPHALT TOP COURSE SPECIFICATION 321216) TO BE INSTALLED (MATCH EXISTING PAVEMENT WIDTHS/LENGTHS).
- 6. EX. ASPHALT/BRICK PAVERS/LIGHT POLES TO REMAIN.
- 7. SAWCUT PAVEMENT.
- 8. REMOVE PEDESTRIAN BRIDGE, BRIDGE ABUTMENTS, SIDEWALK, AND ELECTRICAL.
- 9. REMOVE EXISTING LIGHT POLES. SEE SHEET C-002 DEMOLITION NOTE 8.

NOTES:

- 1. PARKING SPACES ARE 9'x18' UNLESS OTHERWISE NOTED.
- 2. STONE/RETAINING WALLS SHALL NOT BE DISTURBED UNLESS SPECIFICALLY CALLED OUT ON CONTRACT DRAWINGS.
- 3. REFERENCE SPECIFICATION 310000 SECTION 3.07 SHEETING, SHORING & BRACING FOR UTILITY WORK WITHIN AND AROUND THE DRIVE THROUGH CANOPY.
- 4. REFERENCE M DRAWINGS (THIS CONTRACT) AND E DRAWINGS (SEPARATE CONTRACT) FOR WORK AT WATER TREATMENT PLANT.
- 5. ALL WORK WITHIN AREAS NOT MILLED OR RECONSTRUCTED SHALL BE RESTORED AS SHOWN ON SHEET C-501 DETAIL A.

LANDS NOW OR FORMERLY OF
MELISSA J. SAUNDERS
LIBER 752 PAGE 165
SBL 107-2-20

LANDS NOW OR FORMERLY OF
LEROY MAC ARTHUR
LIBER 683 PAGE 191
SBL 107-2-21

PLAN
SCALE: 1"=20'

MATCH LINE - SEE SHEET C-106



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CONTRACT: CONSTRUCTION

TITLE:
STORM DRAINAGE IMPROVEMENTS,
WATER DISTRIBUTION AND SEWER
COLLECTION SYSTEM REPLACEMENTS

LOCATION:
ALLEN RESIDENTIAL CENTER AND
YOUTH LEADERSHIP ACADEMY
NYS RTE. 10 SOUTH KORTRIGHT, NY

CLIENT:
OFFICE OF CHILDREN & FAMILY
SERVICES



| MARK | DATE | DESCRIPTION |
|-----------------|-----------------------|------------------|
| 0 | 12/21/12 | FINAL SUBMISSION |
| PROJECT NUMBER: | 43753-C | |
| DESIGNED BY: | M. LASELL, J. CHAGNON | |
| DRAWN BY: | S. JOHNSON | |
| FIELD CHECK: | | |
| APPROVED: | | |

SHEET TITLE:
SITE PAVING PLAN

DRAWING NUMBER:
C-109

Jan 01, 2013 8:57am
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36x24 PLOT SHEET

**KEY NOTES FOR SHEETS
C-101 THROUGH C-110**

- ◇ EX. PIPE, MH'S, CB'S, TREES, HYDRANTS, VALVES, ETC., TO BE REMOVED & DISPOSED OF OFF-SITE.
- ◇ EX. PIPE TO BE PLUGGED BOTH ENDS, FILLED WITH CLSM, AND ABANDONED IN PLACE (MH, CB, VALVES & HYDRANTS TO BE REMOVED).
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- ◇ EX. ASPHALT TO BE REMOVED AND HAVE FULL SECTION REPLACEMENT. SEE SHEET C-501 DETAIL D.
- ◇ EX. ASPHALT TO BE MILLED TO A 2" DEPTH AND NEW 2" OVERLAY (ASPHALT TOP COURSE SPECIFICATION 321216) TO BE INSTALLED (MATCH EXISTING PAVEMENT WIDTHS/LENGTHS).
- ◇ EX. ASPHALT/BRICK PAVERS/LIGHT POLES TO REMAIN.
- ◇ SAWCUT PAVEMENT.
- ◇ REMOVE PEDESTRIAN BRIDGE, BRIDGE ABUTMENTS, SIDEWALK, AND ELECTRICAL.
- ◇ REMOVE EXISTING LIGHT POLES. SEE SHEET C-002 DEMOLITION NOTE 8.

NOTES:

1. PARKING SPACES ARE 9'x18' UNLESS OTHERWISE NOTED.
2. STONE/RETAINING WALLS SHALL NOT BE DISTURBED UNLESS SPECIFICALLY CALLED OUT ON CONTRACT DRAWINGS.
3. ALL WORK WITHIN AREAS NOT MILLED OR RECONSTRUCTED SHALL BE RESTORED AS SHOWN ON SHEET C-501 DETAIL A.



MATCH LINE - SEE SHEET C-109

PLAN
SCALE: 1"=20'

MATCH LINE - SEE SHEET C-107

MATCH LINE - SEE SHEET C-106

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CONTRACT: CONSTRUCTION

TITLE:
STORM DRAINAGE IMPROVEMENTS,
WATER DISTRIBUTION AND SEWER
COLLECTION SYSTEM REPLACEMENTS

LOCATION:
ALLEN RESIDENTIAL CENTER AND
YOUTH LEADERSHIP ACADEMY
NYS RTE. 10 SOUTH KORTRIGHT, NY

CLIENT:
OFFICE OF CHILDREN & FAMILY
SERVICES



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| 0 | 12/21/12 | FINAL SUBMISSION |
|-----------------|-----------------------|------------------|
| MARK | DATE | DESCRIPTION |
| PROJECT NUMBER: | 43753-C | |
| DESIGNED BY: | M. LASELL, J. CHAGNON | |
| DRAWN BY: | S. JOHNSON | |
| FIELD CHECK: | | |
| APPROVED: | | |

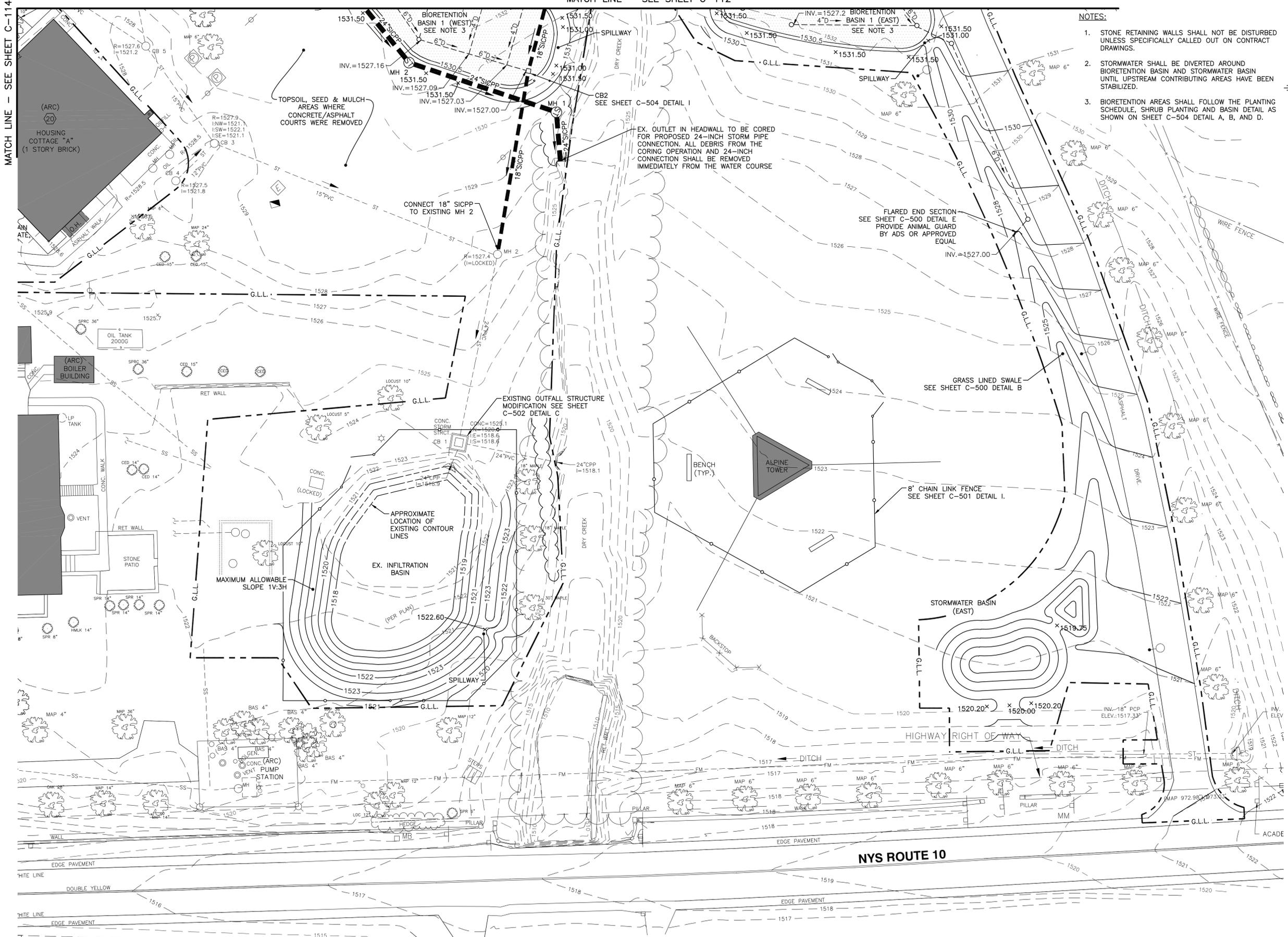
SHEET TITLE:
SITE PAVING PLAN

DRAWING NUMBER:
C-110

Jun 01, 2013 8:58am
I:\Nys-Ogs-2069\42742\Allen-Resident\Draws\1-16-12 Youth Leadership 100% Design\DWG\OS\Sheets\C-110.dwg
36x24 PLOT SHEET

MATCH LINE - SEE SHEET C-112

MATCH LINE - SEE SHEET C-114



- NOTES:**
- STONE RETAINING WALLS SHALL NOT BE DISTURBED UNLESS SPECIFICALLY CALLED OUT ON CONTRACT DRAWINGS.
 - STORMWATER SHALL BE DIVERTED AROUND BIORETENTION BASIN AND STORMWATER BASIN UNTIL UPSTREAM CONTRIBUTING AREAS HAVE BEEN STABILIZED.
 - BIORETENTION AREAS SHALL FOLLOW THE PLANTING SCHEDULE, SHRUB PLANTING AND BASIN DETAIL AS SHOWN ON SHEET C-504 DETAIL A, B, AND D.

PLAN
SCALE: 1"=20'

OCS
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CONTRACT: CONSTRUCTION
TITLE: STORM DRAINAGE IMPROVEMENTS, WATER DISTRIBUTION AND SEWER COLLECTION SYSTEM REPLACEMENTS
LOCATION: ALLEN RESIDENTIAL CENTER AND YOUTH LEADERSHIP ACADEMY NYS RTE. 10 SOUTH KORTRIGHT, NY
CLIENT: OFFICE OF CHILDREN & FAMILY SERVICES



| MARK | DATE | DESCRIPTION |
|-----------------|-----------------------|------------------|
| 0 | 12/21/12 | FINAL SUBMISSION |
| PROJECT NUMBER: | 43753-C | |
| DESIGNED BY: | M. LASELL, J. CHAGNON | |
| DRAWN BY: | S. JOHNSON | |
| FIELD CHECK: | | |
| APPROVED: | | |
| SHEET TITLE: | | |

GRADING & DRAINAGE PLAN
DRAWING NUMBER: C-111
SHEET 15 OF 48

Jun 01, 2013 8:58am
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 36x24 PLOT SHEET

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CONTRACT:

CONSTRUCTION

TITLE:

STORM DRAINAGE IMPROVEMENTS,
WATER DISTRIBUTION AND SEWER
COLLECTION SYSTEM REPLACEMENTS

LOCATION:

ALLEN RESIDENTIAL CENTER AND
YOUTH LEADERSHIP ACADEMY
NYS RTE. 10 SOUTH KORTRIGHT, NY

CLIENT:

OFFICE OF CHILDREN & FAMILY
SERVICES



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| MARK | DATE | DESCRIPTION |
|-----------------|----------|------------------|
| 0 | 12/21/12 | FINAL SUBMISSION |
| PROJECT NUMBER: | 43753-C | |
| DESIGNED BY: | EAN | |
| DRAWN BY: | KJL | |
| FIELD CHECK: | | |
| APPROVED: | GBC | |

SHEET TITLE:
**BUILDING 31
MAINTENANCE SHOP
PLAN**

DRAWING NUMBER:
C-129



LEGEND



PICTURE LOCATION



POINT OF DISCONNECTION AND CONNECTION

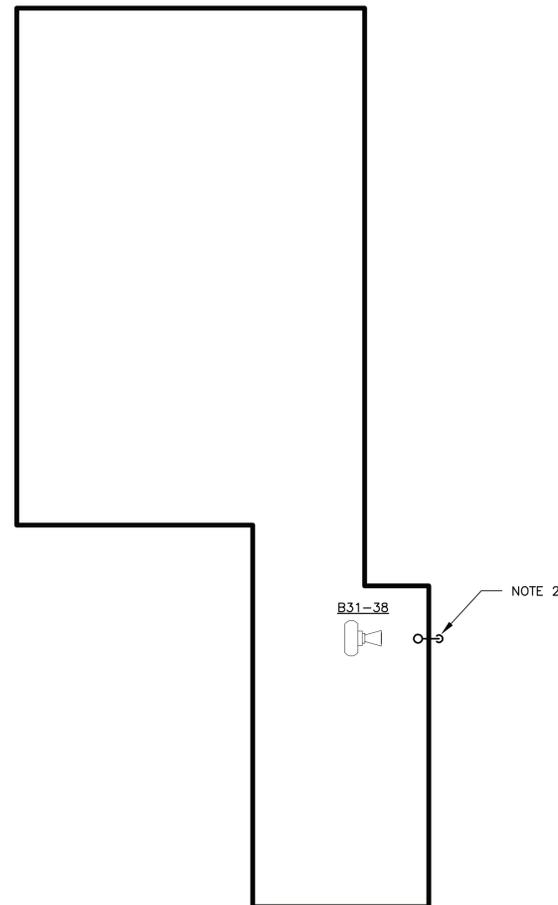


PHOTO B31-38

NOT TO SCALE

NOTE:

1. REPLACE EXISTING BOILER MAKE UP WATER BACKFLOW PREVENTER WITH REDUCED PRESSURE ZONE BACKFLOW PREVENTER PER SPECIFICATIONS.
2. INSTALL 1 1/2" AIR GAP DRAIN THROUGH EXTERIOR WALL @ 18" ABOVE FINISHED FLOOR TO DISCHARGE ON CONCRETE SPLASHBLOCK ON GRADE.

MAINTENANCE SHOP BLDG. NO.31 PLAN

SCALE: 1/8"=1'-0"

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TITLE:
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 COLLECTION SYSTEM REPLACEMENTS

LOCATION:
 ALLEN RESIDENTIAL CENTER AND
 YOUTH LEADERSHIP ACADEMY
 NYS RTE. 10 SOUTH KORTRIGHT, NY

CLIENT:
 OFFICE OF CHILDREN & FAMILY
 SERVICES



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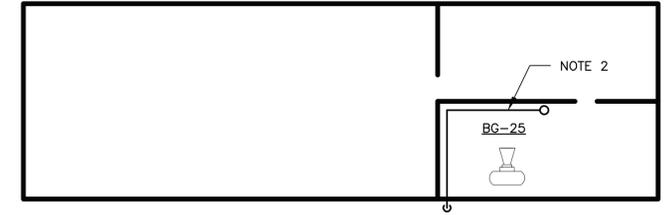
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|-----------------|----------|------------------|
| 0 | 12/21/12 | FINAL SUBMISSION |
| PROJECT NUMBER: | 43753-C | |
| DESIGNED BY: | EAN | |
| DRAWN BY: | KJL | |
| FIELD CHECK: | | |
| APPROVED: | GBC | |

SHEET TITLE:
 GREENHOUSE
 BUILDING BOILER
 ROOM PLAN

DRAWING NUMBER:
 C-130

LEGEND

- PICTURE LOCATION
- POINT OF DISCONNECTION AND CONNECTION



GREENHOUSE BLDG. PLAN
 SCALE: 1/8"=1'-0"



PHOTO BG-25
 NOT TO SCALE

- NOTE:**
- REPLACE EXISTING BACKFLOW PREVENTER WITH REDUCED PRESSURE ZONE BACKFLOW PREVENTER PER SPECIFICATIONS.
 - ROUTE 1 1/2" AIR GAP DRAIN AROUND SOUTH END OF ROOM TO DISCHARGE THROUGH THE EXTERIOR WALL @ 18" ABOVE FINISHED FLOOR TO CONCRETE SPLASHBLOCK ON GRADE.



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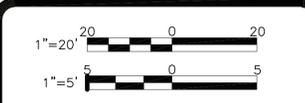


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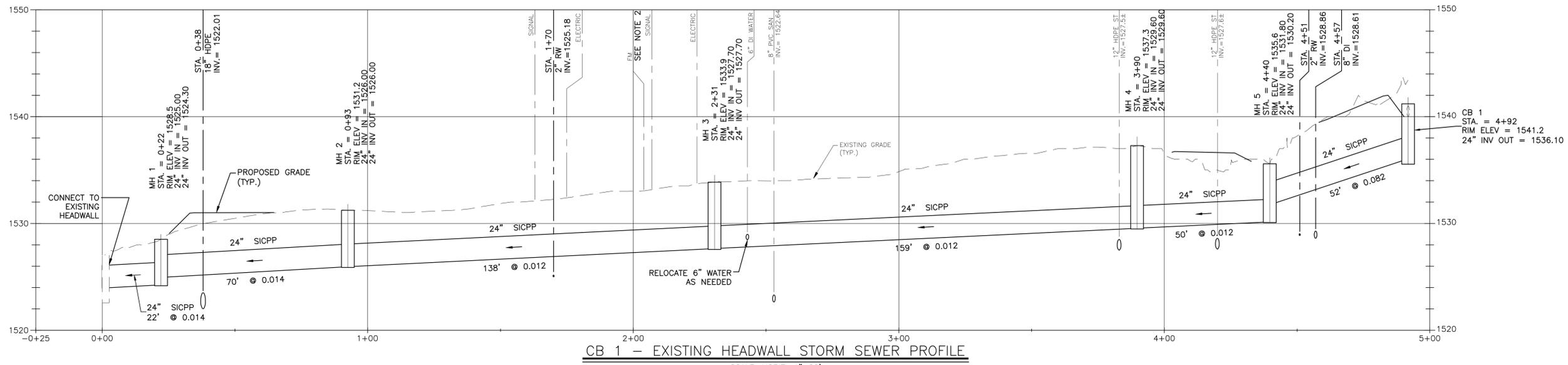
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CONTRACT: CONSTRUCTION
TITLE: STORM DRAINAGE IMPROVEMENTS, WATER DISTRIBUTION AND SEWER COLLECTION SYSTEM REPLACEMENTS
LOCATION: ALLEN RESIDENTIAL CENTER AND YOUTH LEADERSHIP ACADEMY NYS RTE. 10 SOUTH KORTRIGHT, NY
CLIENT: OFFICE OF CHILDREN & FAMILY SERVICES

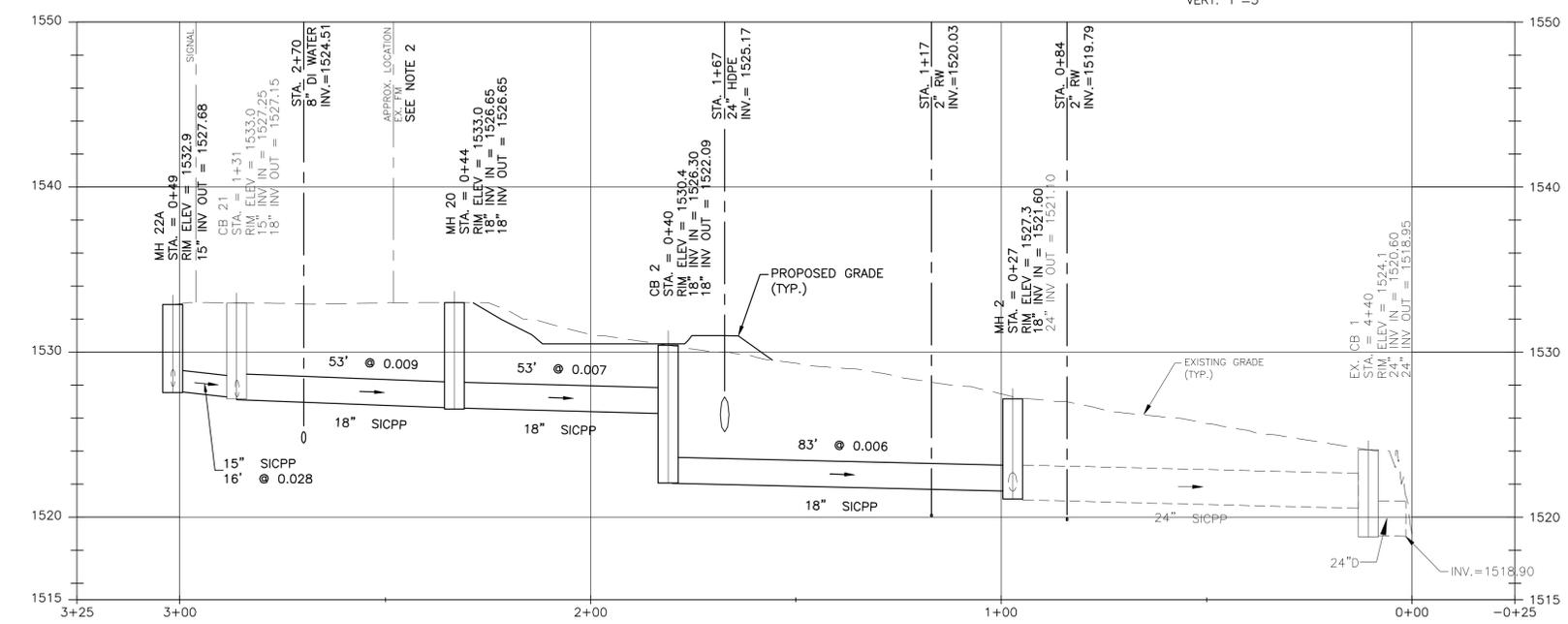


| MARK | DATE | DESCRIPTION |
|---|----------|------------------|
| 0 | 12/21/12 | FINAL SUBMISSION |
| PROJECT NUMBER: 43753-C | | |
| DESIGNED BY: M. LASELL, J. CHAGNON | | |
| DRAWN BY: S. JOHNSON | | |
| FIELD CHECK: | | |
| APPROVED: | | |
| SHEET TITLE: STORM SEWER PROFILES | | |
| DRAWING NUMBER: C-200 | | |
| SHEET 35 OF 48 | | |



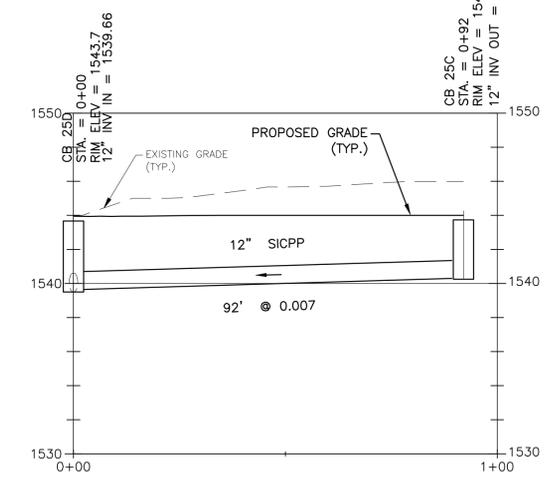
CB 1 - EXISTING HEADWALL STORM SEWER PROFILE

SCALE: HORIZ. 1"=20'
 VERT. 1"=5'



EX. CB 1 - MH 22A STORM SEWER PROFILE

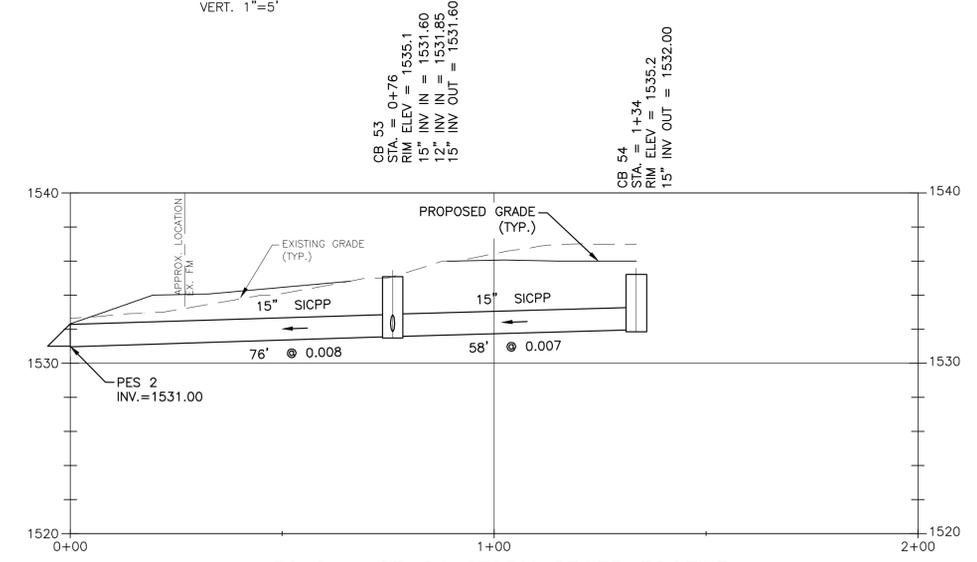
SCALE: HORIZ. 1"=20'
 VERT. 1"=5'



CB 25D - CB 25C STORM SEWER PROFILE

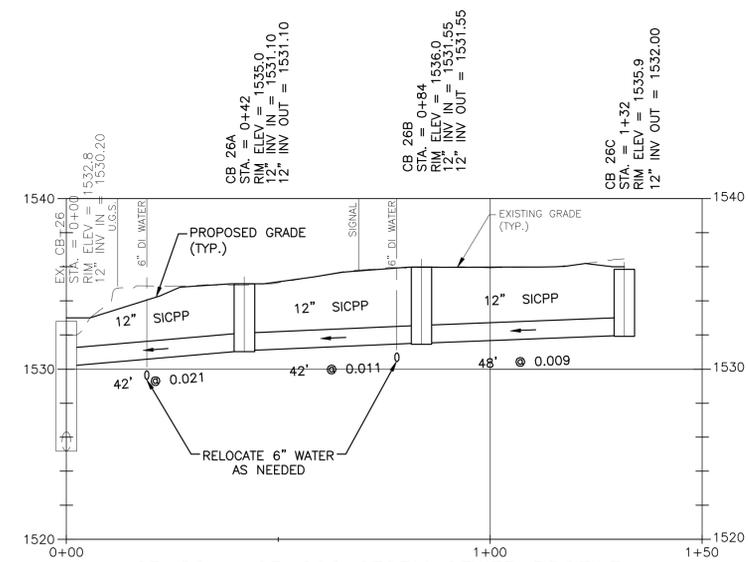
SCALE: HORIZ. 1"=20'
 VERT. 1"=5'

- PROFILE NOTES:**
- RIM ELEVATIONS SHOWN SHALL BE FIELD VERIFIED AND ADJUSTED TO FINISH GRADE.
 - RELOCATE SANITARY FORCEMAIN AS NEEDED.



ES 2 - CB 54 STORM SEWER PROFILE

SCALE: HORIZ. 1"=20'
 VERT. 1"=5'



CB 26 - CB 26C STORM SEWER PROFILE

SCALE: HORIZ. 1"=20'
 VERT. 1"=5'

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CONTRACT:

CONSTRUCTION

TITLE:

STORM DRAINAGE IMPROVEMENTS, WATER DISTRIBUTION AND SEWER COLLECTION SYSTEM REPLACEMENTS

LOCATION:

ALLEN RESIDENTIAL CENTER AND YOUTH LEADERSHIP ACADEMY NYS RTE. 10 SOUTH KORTRIGHT, NY

CLIENT:

OFFICE OF CHILDREN & FAMILY SERVICES

1"=20'

1"=5'

0 20

0 5

0 12/21/12 FINAL SUBMISSION

MARK DATE DESCRIPTION

PROJECT NUMBER: 43753-C

DESIGNED BY: M. LAPELL, J. CHAGNON

DRAWN BY: S. JOHNSON

FIELD CHECK:

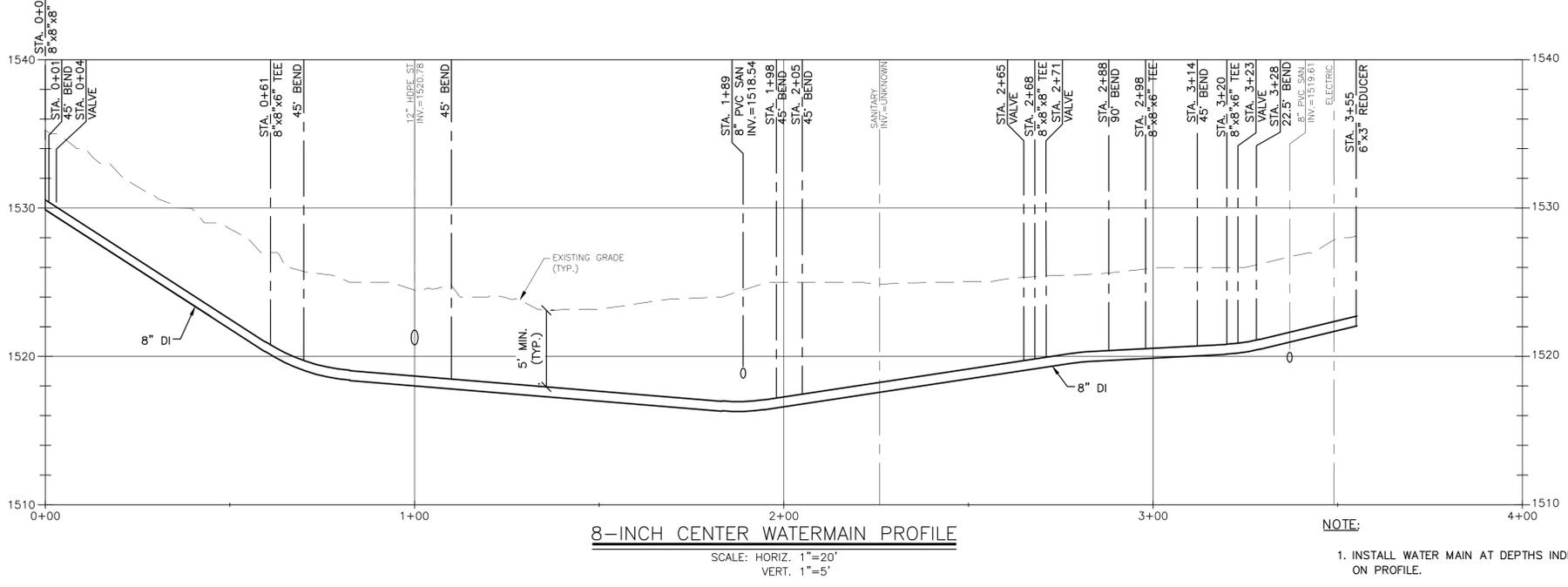
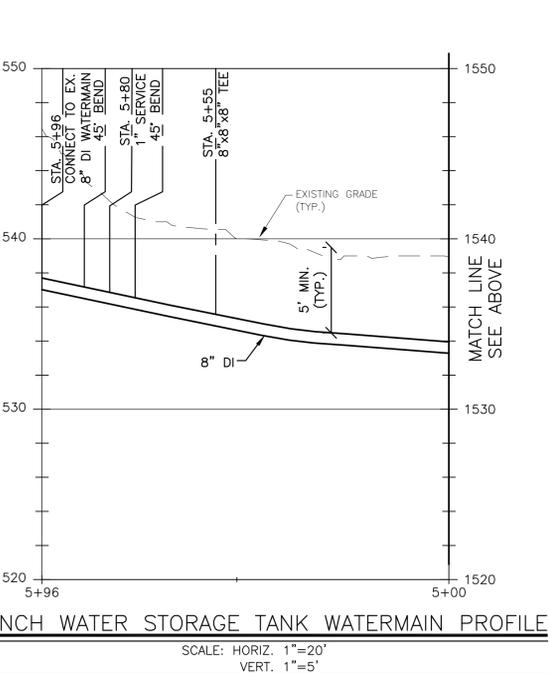
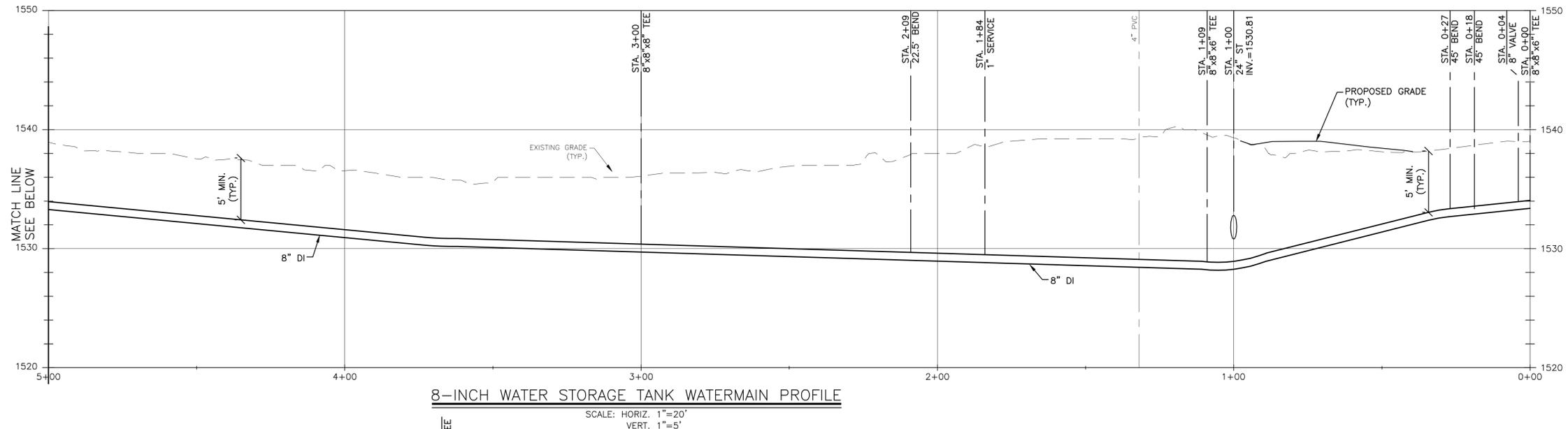
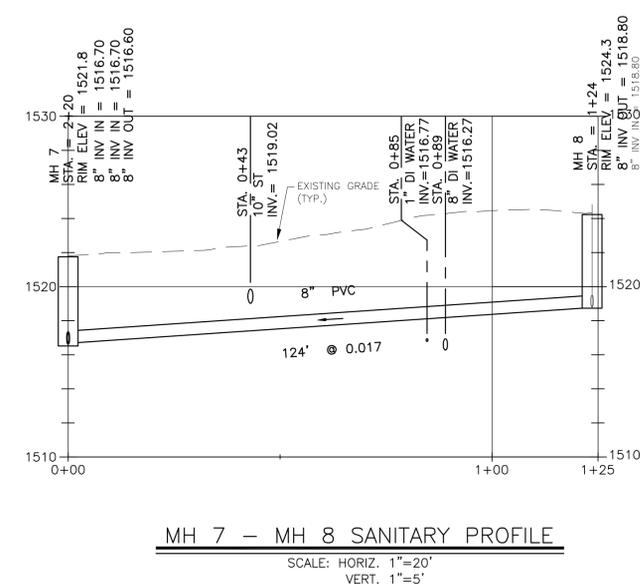
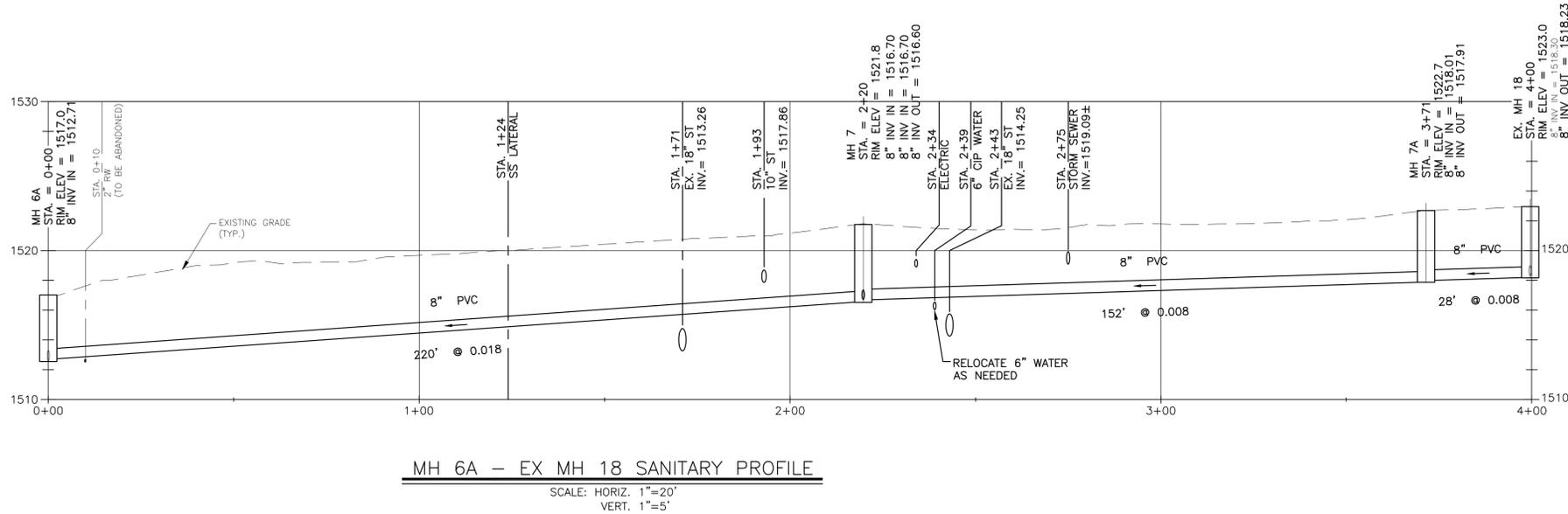
APPROVED:

SHEET TITLE:

SANITARY & WATERMAIN PROFILES

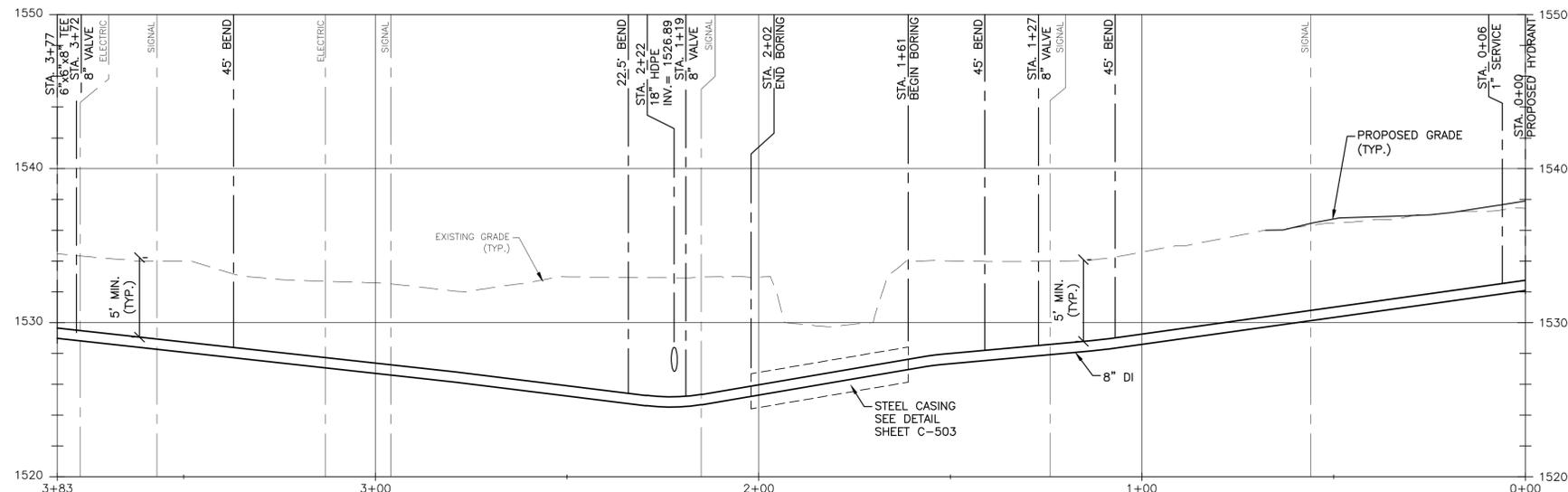
DRAWING NUMBER: C-201

SHEET 36 OF 48



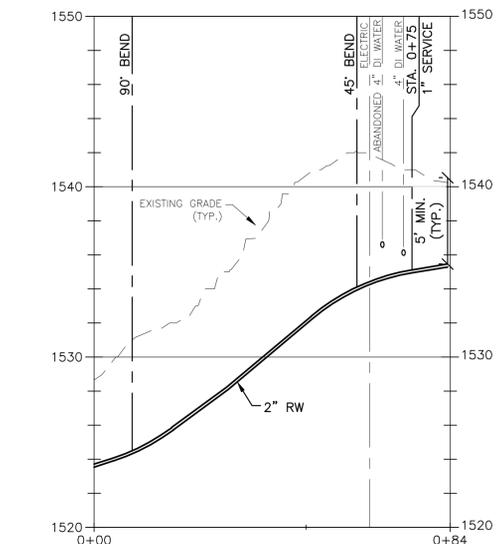
NOTE:
1. INSTALL WATER MAIN AT DEPTHS INDICATED ON PROFILE.

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36x24 PLOT SHEET



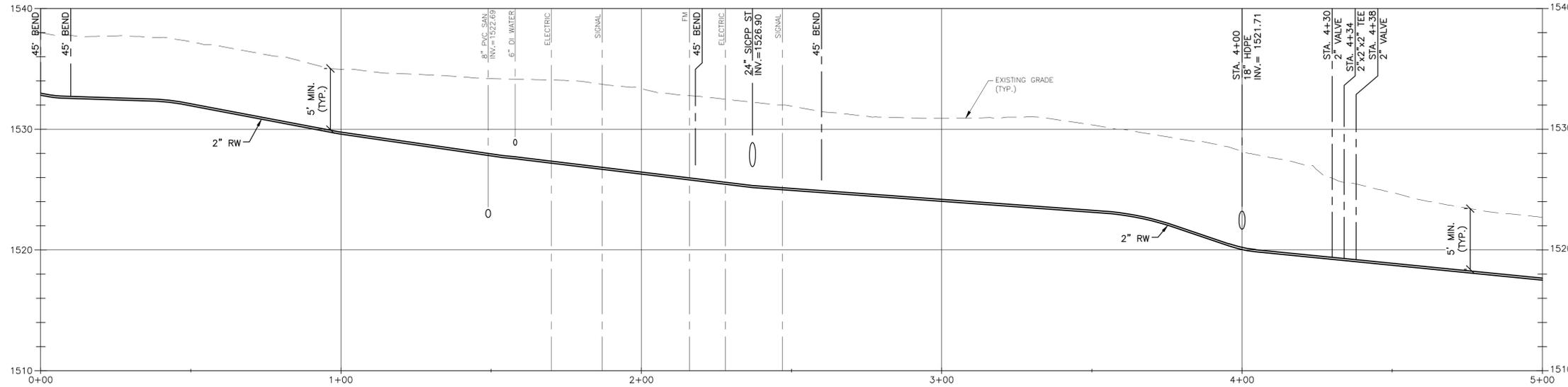
8-INCH EAST SIDE WATERMAIN PROFILE

SCALE: HORIZ. 1"=20'
VERT. 1"=5'



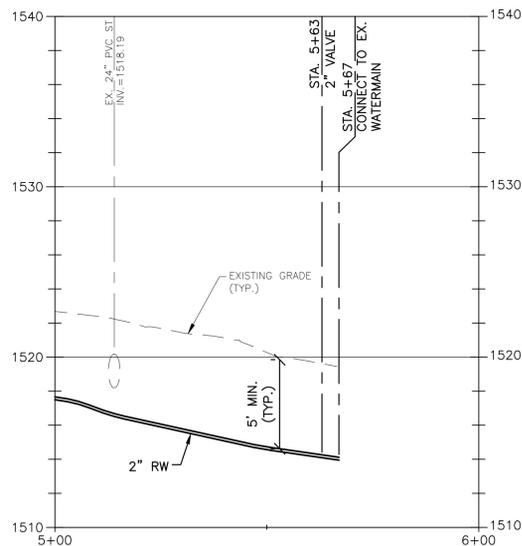
2-INCH AT TREATMENT BLDG WATERMAIN PROFILE

SCALE: HORIZ. 1"=20'
VERT. 1"=5'



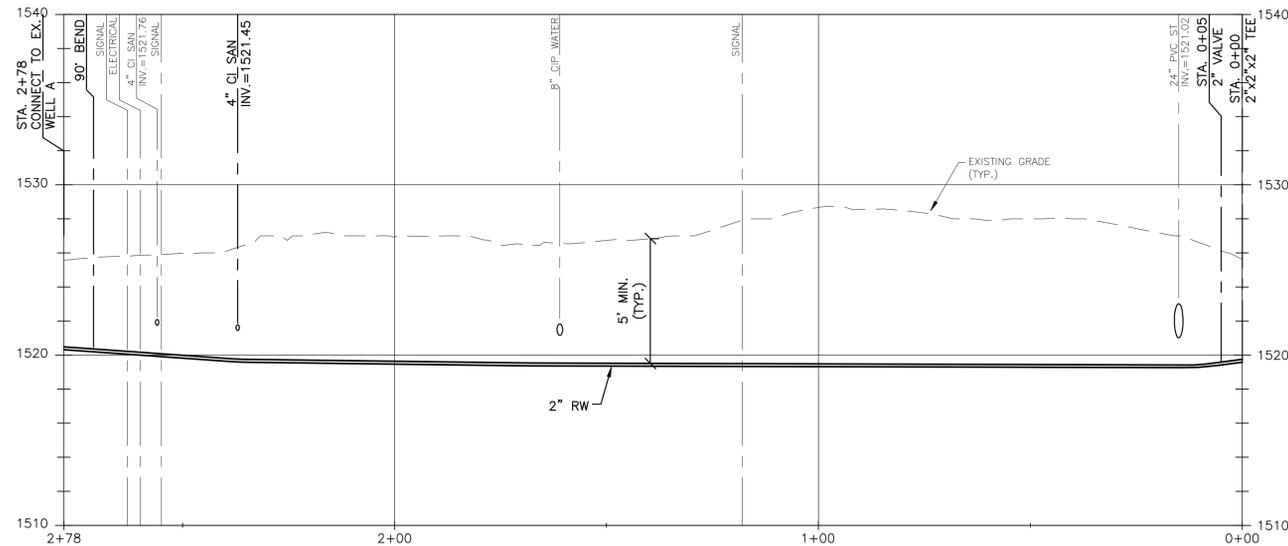
2-INCH RW WELL B WATERMAIN PROFILE

SCALE: HORIZ. 1"=20'
VERT. 1"=5'



2-INCH RW WELL B WATERMAIN PROFILE

SCALE: HORIZ. 1"=20'
VERT. 1"=5'



2-INCH RW WELL A WATERMAIN PROFILE

SCALE: HORIZ. 1"=20'
VERT. 1"=5'

NOTE:

1. INSTALL WATER MAIN AT DEPTHS INDICATED ON PROFILE.



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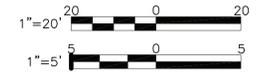


CONTRACT: CONSTRUCTION

TITLE:
STORM DRAINAGE IMPROVEMENTS,
WATER DISTRIBUTION AND SEWER
COLLECTION SYSTEM REPLACEMENTS

LOCATION:
ALLEN RESIDENTIAL CENTER AND
YOUTH LEADERSHIP ACADEMY
NYS RTE. 10 SOUTH KORTRIGHT, NY

CLIENT:
OFFICE OF CHILDREN & FAMILY
SERVICES



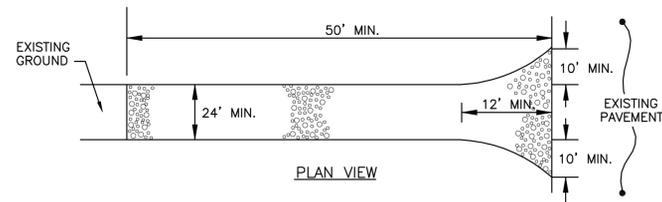
| MARK | DATE | DESCRIPTION |
|------|----------|------------------|
| 0 | 12/21/12 | FINAL SUBMISSION |

PROJECT NUMBER: 43753-C
DESIGNED BY: M. LASELL, J. CHAGNON
DRAWN BY: S. JOHNSON
FIELD CHECK:
APPROVED:

SHEET TITLE:
WATERMAIN PROFILES

DRAWING NUMBER:
C-202

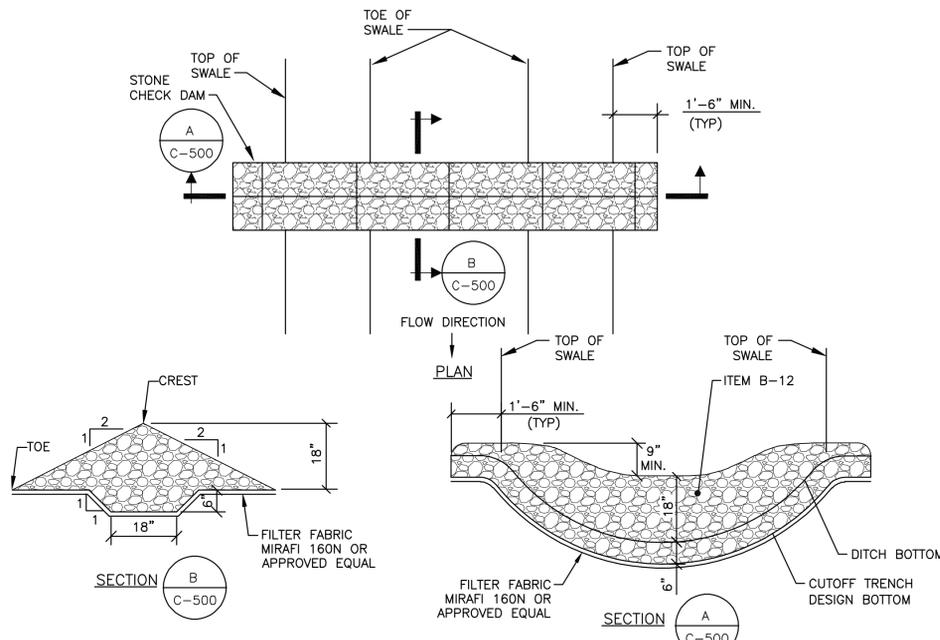
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 36x24 PLOT SHEET



CONSTRUCTION SPECIFICATIONS

1. STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH - AS REQUIRED, BUT NOT LESS THAN 50 FEET
3. THICKNESS - NOT LESS THAN 6".
4. WIDTH 24' MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE EGRESS OCCURS.
5. FILTER FABRIC (MIRAFI 140N OR EQUAL) - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARDS CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS NOT POSSIBLE, A MOUNTABLE BERM 3' WIDE (MIN.) WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE - THE ENTRANCES SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEAN OUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. WASHING - WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO ADJACENT SEDIMENT BASINS.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED IN ACCORDANCE WITH THE PROJECT STORM WATER POLLUTION PREVENTION PLAN.

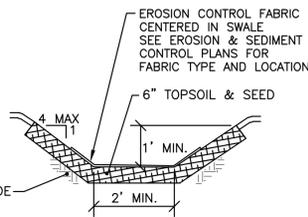
A STABILIZED CONSTRUCTION ENTRANCE DETAIL
NOT TO SCALE



CONSTRUCTION SPECIFICATIONS

1. ITEM B-12 SHALL BE PLACED ON A FILTER FABRIC FOUNDATION.
2. SEE EROSION & SEDIMENT CONTROL PLANS FOR SPACING.
3. EXTEND THE STONE A MINIMUM OF 1.5' BEYOND THE DITCH BANKS TO PREVENT CUTTING AROUND THE DAM.

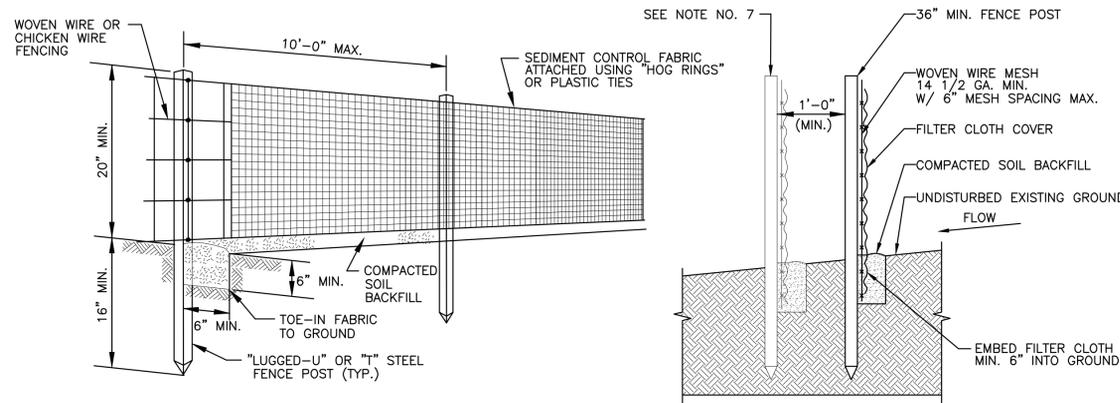
D TEMPORARY STONE CHECK DAM DETAIL
NOT TO SCALE



NOTES:

1. DEPTH, BOTTOM WIDTH, AND SIDE SLOPE AS INDICATED ON SITE GRADING PLANS.
2. EROSION CONTROL REVEGETATION BLANKET TO BE A MIN. OF 8' WIDE ROLLS CENTERED IN SWALES.
3. SWALES TO HAVE A MINIMUM OF 6" OF TOPSOIL.

B GRASS LINED SWALE DETAIL
NOT TO SCALE

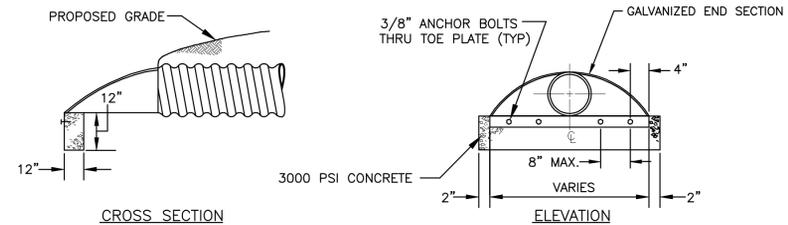


SECTION DETAIL

1. SILT FENCE SHALL BE PLACED AS INDICATED ON THE ESC PLANS.
2. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
3. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
4. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.
6. FENCE TO BE ALIGNED ALONG CONTOUR AS CLOSELY AS POSSIBLE.
7. FENCE SHALL BE DOUBLED AT THE TOE OF ALL SLOPES GREATER THAN 15 PERCENT, AND ADJACENT TO WATER BODIES.

- POSTS : STEEL EITHER T OR U TYPE OR 2" HARDWOOD
- FENCE : WOVEN WIRE 14.5 GAUGE 6" MAX. MESH OPENING
- FILTER CLOTH : MINIMUM TENSILE STRENGTH OF 120 LBS. (ASTM D-16826)
- PREFABRICATED UNIT : MIRAFI ENVIROFENCE, OR APPROVED EQUAL

C SILT FENCE DETAIL
NOT TO SCALE



CROSS SECTION

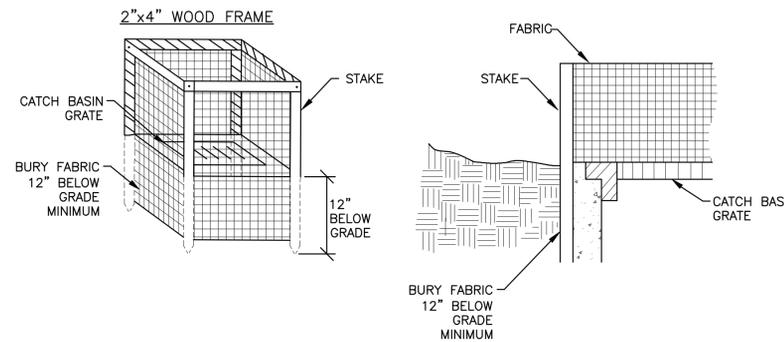
ELEVATION

NOTE:

FLARED END SECTION

1. GALVANIZED END SECTION SHALL BE ORDERED ONE SIZE LARGER THAN NOMINAL DIAMETER OF PIPE WHEN ATTACHING TO SICPP.
2. END SECTIONS TO BE INSTALLED ON ALL PROPOSED STORM SEWER INLETS AND OUTLETS.

E FLARED END SECTION
NOT TO SCALE



NOTES:

1. CUT FABRIC FROM A CONTINUOUS ROLL TO ELIMINATE JOINTS. IF JOINTS ARE NEEDED THEY SHALL BE OVERLAPPED 6" TO THE NEXT STAKE.
2. STAKE MATERIALS SHALL BE STANDARD 2" X 4" WOOD OR EQUIVALENT METAL WITH A MINIMUM LENGTH OF 3 FEET.
3. SPACE STAKES EVENLY AROUND INLET 3 FEET APART AND DRIVE A MINIMUM 16" DEEP. SPANS GREATER THAN 3 FEET MAY BE BRIDGED WITH THE USE OF WIRE MESH BEHIND THE FILTER FABRIC FOR SUPPORT.
4. FABRIC SHALL BE EMBEDDED 12" MINIMUM BELOW GROUND AND BACKFILLED. IT SHALL BE SECURELY FASTENED TO THE STAKES AND FRAME.

F SILT FENCE DROP INLET PROTECTION
NOT TO SCALE



Serving New York
ANDREW M. CUOMO
Governor
ROANN M. DESTITO
Commissioner
JAMES M. DAVIES, A.I.A.
Deputy Commissioner, Design and Construction

CONSULTANT



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OBG PROJECT NO. 02069.42742

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CONTRACT:

CONSTRUCTION

TITLE:
STORM DRAINAGE IMPROVEMENTS, WATER DISTRIBUTION AND SEWER COLLECTION SYSTEM REPLACEMENTS

LOCATION:
ALLEN RESIDENTIAL CENTER AND YOUTH LEADERSHIP ACADEMY
NYS RTE. 10 SOUTH KORTRIGHT, NY

CLIENT:
OFFICE OF CHILDREN & FAMILY SERVICES

NOT TO SCALE

| MARK | DATE | DESCRIPTION |
|------|----------|------------------|
| 0 | 12/21/12 | FINAL SUBMISSION |

PROJECT NUMBER: 43753-C

DESIGNED BY: M. LASELL, J. CHAGNON

DRAWN BY: S. JOHNSON

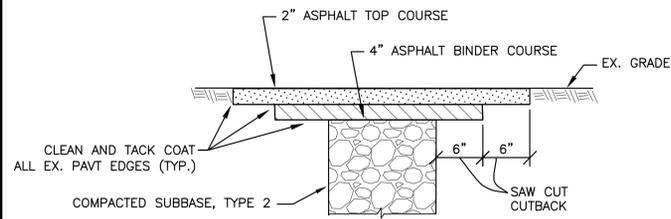
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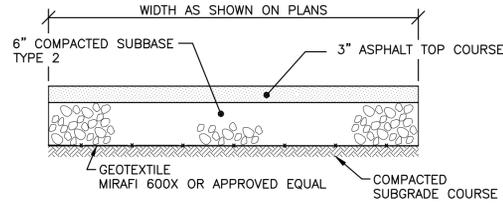
SHEET TITLE:

EROSION & SEDIMENT CONTROL DETAILS

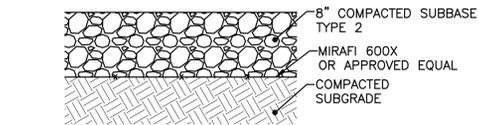
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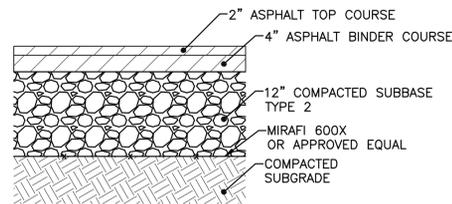
A TYPICAL ASPHALT PAVEMENT RESTORATION DETAIL
NOT TO SCALE



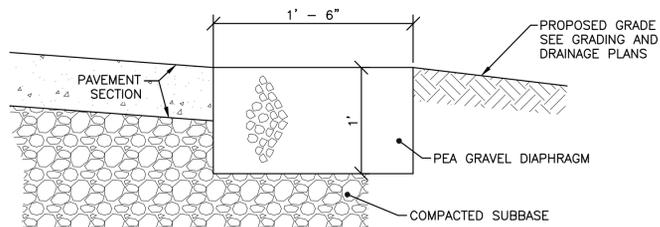
B TYPICAL ASPHALT SIDEWALK RESTORATION DETAIL
NOT TO SCALE



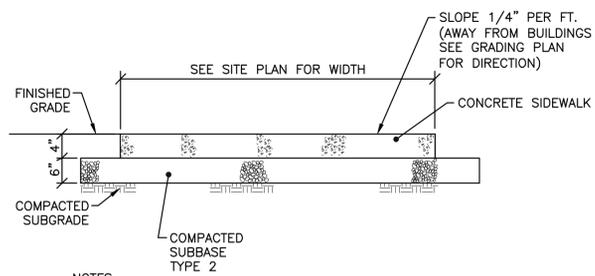
C GRAVEL SECTION DETAIL
NOT TO SCALE



D PAVEMENT SECTION DETAIL
NOT TO SCALE

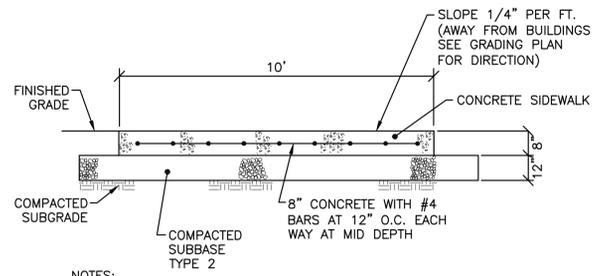


E TYPICAL PEA GRAVEL SECTION DETAIL
NOT TO SCALE



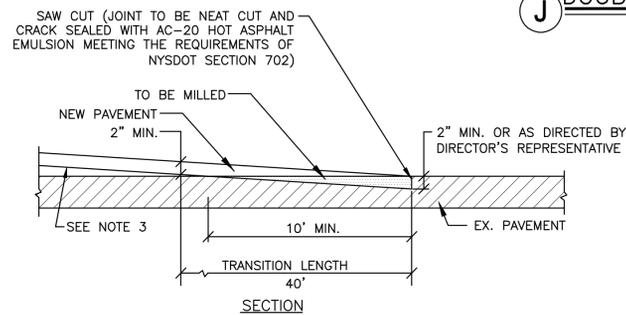
- NOTES:**
1. CONCRETE SHALL BE 4000 P.S.I. (MIN.) AIR ENTRAINED CONCRETE.
 2. FULL DEPTH EXPANSION JOINTS SHALL BE PROVIDED EVERY 10', MARKED JOINTS SHALL BE AT 5' SPACING AND FORMED BY A GROOVING TOOL.
 3. ALL EXPANSION JOINTS SHALL BE FILLED WITH BITUMINOUS FILLER MATERIAL.
 4. MATERIALS AND INSTALLATION SHALL MEET THE REQUIREMENTS OF NYSDOT STANDARD SPECIFICATIONS SECTION 608.

F TYPICAL CONCRETE SIDEWALK DETAIL
NOT TO SCALE



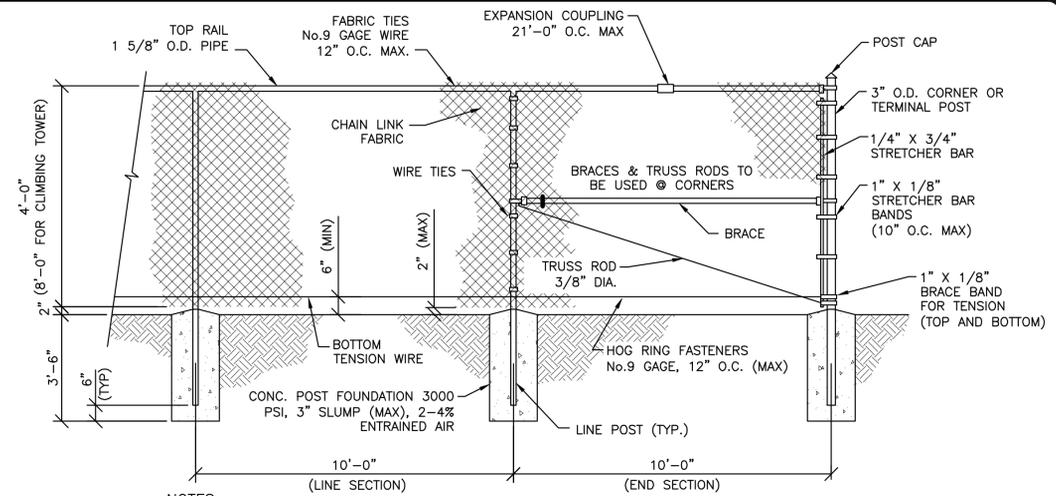
- NOTES:**
1. CONCRETE SHALL BE 4000 P.S.I. (MIN.) AIR ENTRAINED CONCRETE.
 2. FULL DEPTH EXPANSION JOINTS SHALL BE PROVIDED EVERY 20'.
 3. ALL EXPANSION JOINTS SHALL BE FILLED WITH BITUMINOUS FILLER MATERIAL.
 4. MATERIALS AND INSTALLATION SHALL MEET THE REQUIREMENTS OF NYSDOT STANDARD SPECIFICATIONS SECTION 608.

G TYPICAL CONCRETE DUMPSTER PAD DETAIL
NOT TO SCALE



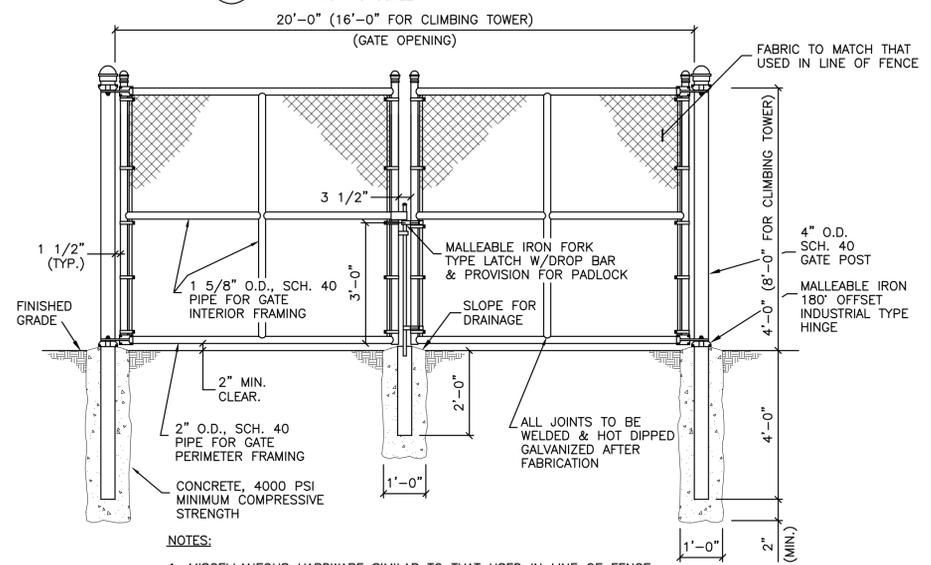
- NOTES:**
1. HOT MIX ASPHALT (HMA) SPLICES ARE REQUIRED AT THE JUNCTION OF THE NEW AND EXISTING PAVEMENTS.
 2. THE LENGTH OF THE TRANSITION WILL BE AS SHOWN.
 3. IN THE TRANSITION AREA, PAVEMENT COURSES OTHER THAN THE TOP COURSE SHALL BE FEATHERED OUT USING TOP COURSE OR OTHER APPROPRIATE MATERIAL.
 4. ALL SURFACES OF THE HMA TRANSITION AREA SHALL BE CLEANED AND TACK COATED PRIOR TO PLACING THE ASPHALT COURSE.
 5. SAW CUTS SHALL BE MADE SO THAT SURFACE RUNOFF IS DIRECTED TO THE EDGE OF PAVEMENT.

H HOT MIX ASPHALT OVERLAY SPLICE PAVEMENT TERMINATION DETAIL
NOT TO SCALE



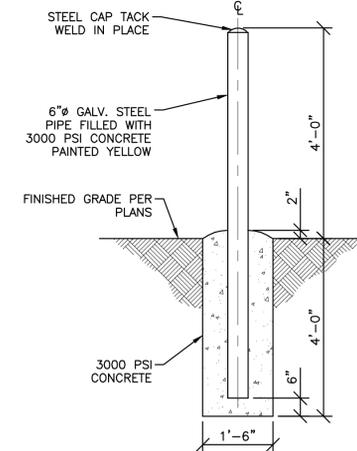
- NOTES:**
1. PROVIDE BRACE & TRUSS RODS AT ALL CORNERS AND FENCE SECTIONS ADJACENT TO GATES.

I CHAIN LINK FENCE
NOT TO SCALE



- NOTES:**
1. MISCELLANEOUS HARDWARE SIMILAR TO THAT USED IN LINE OF FENCE.
 2. PROVIDE MECHANICAL KEEPER AT FULL OPEN POSITION FOR EACH LEAF OF 10' GATE.
 3. SUBMIT SHOP DRAWINGS FOR APPROVAL.

J DOUBLE SWING GATE DETAIL
NOT TO SCALE



- NOTES:**
1. SEE SITE PLAN FOR BOLLARD LOCATIONS.

K TYPICAL BOLLARD DETAIL
NOT TO SCALE

CONSULTANT

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CONTRACT: CONSTRUCTION

TITLE:
STORM DRAINAGE IMPROVEMENTS,
WATER DISTRIBUTION AND SEWER
COLLECTION SYSTEM REPLACEMENTS

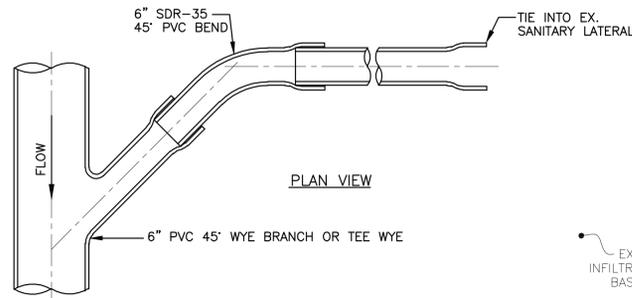
LOCATION:
ALLEN RESIDENTIAL CENTER AND
YOUTH LEADERSHIP ACADEMY
NYS RTE. 10 SOUTH KORTRIGHT, NY

CLIENT:
OFFICE OF CHILDREN & FAMILY
SERVICES

NOT TO SCALE

| MARK | DATE | DESCRIPTION |
|-----------------|-----------------------|------------------|
| 0 | 12/21/12 | FINAL SUBMISSION |
| PROJECT NUMBER: | 43753-C | |
| DESIGNED BY: | M. LASELL, J. CHAGNON | |
| DRAWN BY: | S. JOHNSON | |
| FIELD CHECK: | | |
| APPROVED: | | |
| SHEET TITLE: | MISCELLANEOUS DETAILS | |

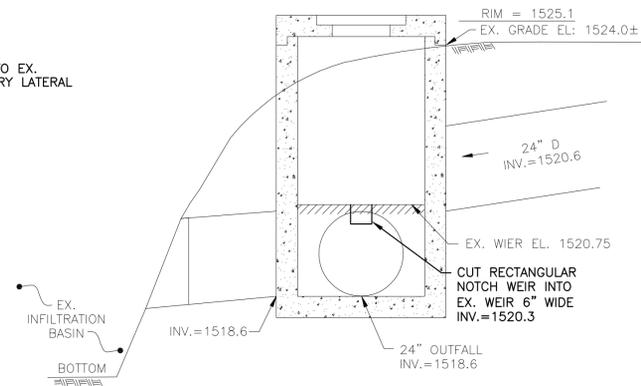
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C-501



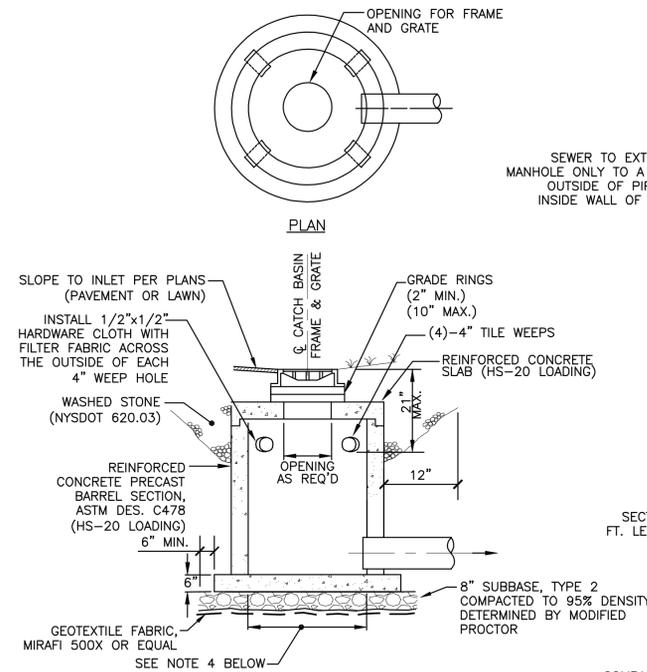
NOTES:

- SANITARY LATERALS SHALL BE INSTALLED AT SLOPE $S=0.02$ FT/FT MINIMUM UNLESS OTHERWISE SHOWN.

A TYPICAL SANITARY LATERAL DETAIL
NOT TO SCALE



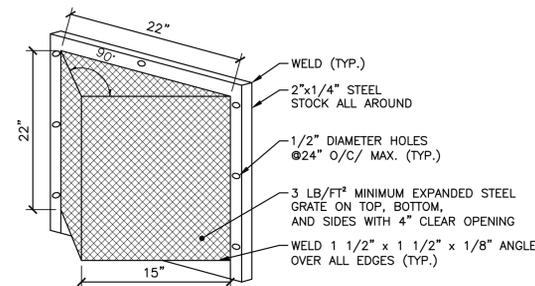
C EXISTING INFILTRATION BASIN
OUTFALL STRUCTURE MODIFICATION DETAIL
NOT TO SCALE



D TYPICAL CATCH BASIN DETAIL
NOT TO SCALE

NOTES:

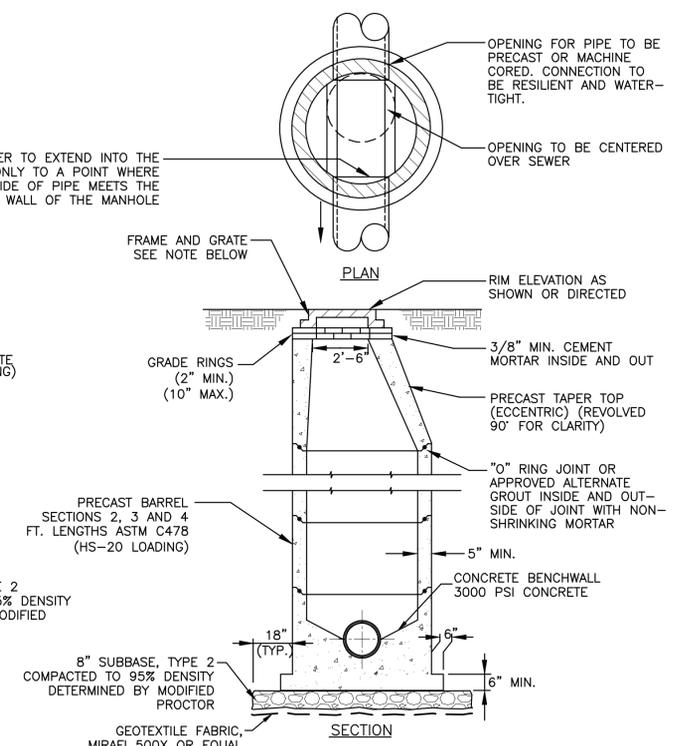
- ALL CATCH BASIN STRUCTURES SHALL BE DESIGNED FOR HS-20 LOADING.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF ALL DRAINAGE STRUCTURES TO THE OWNER'S REPRESENTATIVE FOR REVIEW.
- CATCH BASIN FRAME AND GRATES SHALL BE AS SPECIFIED.
- THE MINIMUM INSIDE DIAMETER OF CATCH BASINS SHALL BE 48-INCHES FOR 12" THROUGH 18" SEWERS, 60-INCHES FOR 21" THROUGH 30" SEWERS, AND 72-INCHES FOR 33" THROUGH 42" SEWERS.
- MANHOLES WITH MORE THAN TWO PIPE PENETRATIONS SHALL BE A MINIMUM OF 60-INCHES INSIDE DIAMETER.
- ALL CONNECTIONS SHALL HAVE FLEXIBLE CONNECTION AS SPECIFIED.
- ALL CATCH BASINS, GRATES, AND MANHOLE COVERS SHALL BE LOCKING TYPE AS SPECIFIED IN SECTION 333913 OF THE PROJECT MANUAL.



NOTES:

- TRASH RACK TO BE CENTERED OVER OPENING.
- STEEL TO CONFORM TO ASTM A-36.
- ALL SURFACES TO BE COATED WITH ZRC COLD GALVANIZING COMPOUND AFTER WELDING.
- TRASH RACK SHALL BE FABRICATED TO CONFORM TO CATCH BASIN OUTSIDE DIAMETER.
- ATTACH TO STRUCTURE USING 7/16" DIAMETER ST. STL. EXPANSION ANCHORS, 3" MIN. EMBEDMENT.

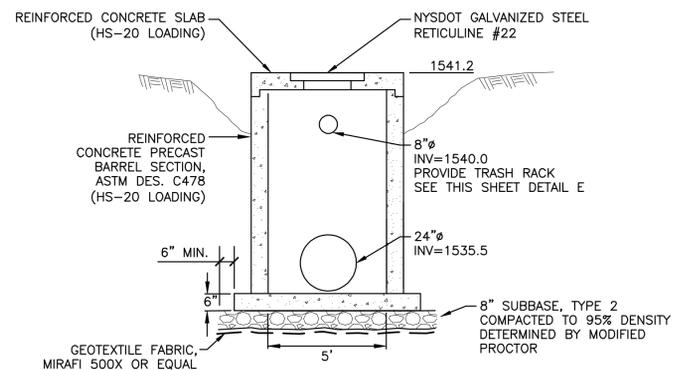
E TRASH RACK DETAIL
NOT TO SCALE



F STANDARD PRECAST CONCRETE MANHOLE
NOT TO SCALE

NOTES:

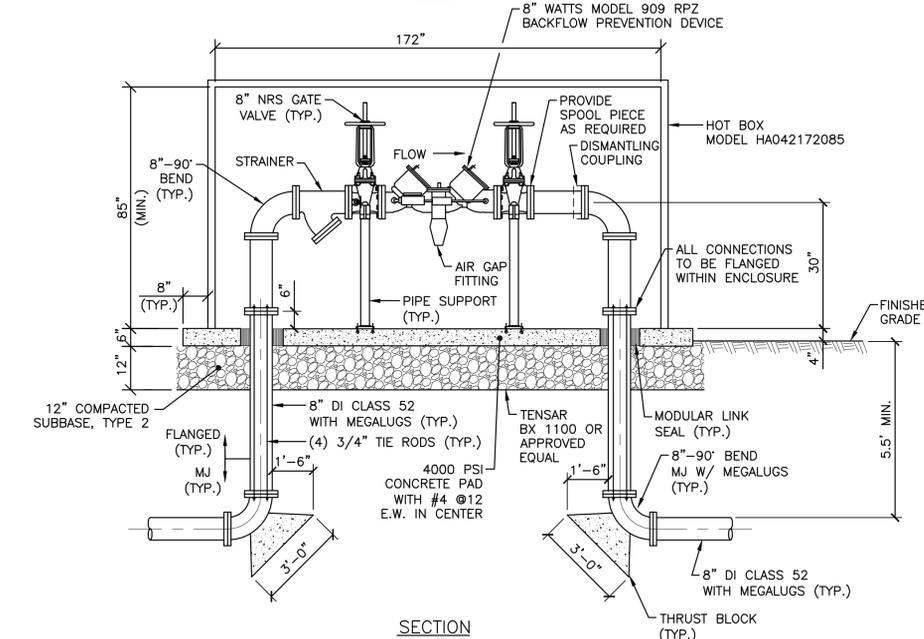
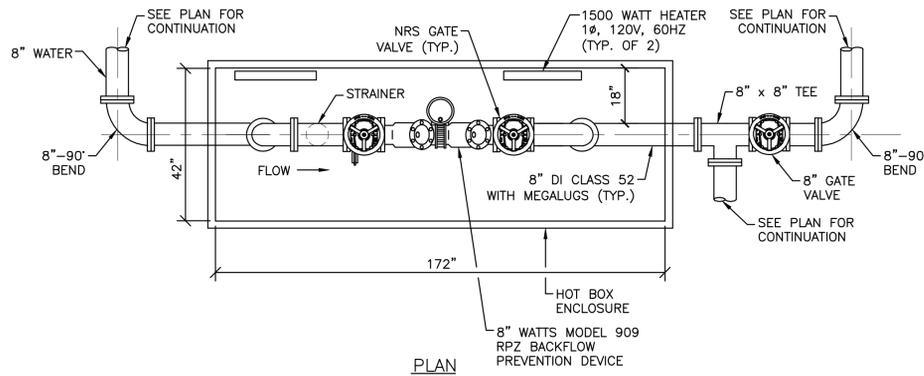
- MANHOLE STRUCTURES SHALL BE DESIGNED FOR HS-20 LOADING.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF ALL STRUCTURES TO THE OWNER'S REPRESENTATIVE FOR REVIEW.
- THE MINIMUM INSIDE DIAMETER OF MANHOLES SHALL BE 48-INCHES FOR 12" THROUGH 18" SEWERS AND 60-INCHES FOR 21" THROUGH 30" SEWERS.
- MANHOLES WITH MORE THAN TWO PIPE PENETRATIONS SHALL BE A MINIMUM OF 60-INCH INSIDE DIAMETER.
- MANHOLE FRAME AND GRATE SHALL BE AS SPECIFIED.
- ALL CONNECTIONS SHALL HAVE FLEXIBLE CONNECTION AS SPECIFIED.
- MH'S WHERE NOTED TO HAVE BENCHWALL REPAIR SHALL HAVE EX. LOOSE CONCRETE REMOVED AND NEW BENCHWALL FORMED AS DETAILED ABOVE.
- ALL CATCH BASINS, GRATES, AND MANHOLE COVERS SHALL BE LOCKING TYPE AS SPECIFIED IN SECTION 333913 OF THE PROJECT MANUAL.



NOTES:

- ALL CATCH BASINS, GRATES, AND MANHOLE COVERS SHALL BE LOCKING TYPE AS SPECIFIED IN SECTION 333913 OF THE PROJECT MANUAL.

G CB 1 STRUCTURE DETAIL
NOT TO SCALE



NOTE:

- HOT BOX SHALL BE LOCKABLE TYPE.

B RPZ BACKFLOW PREVENTION DEVICE AND ENCLOSURE
NOT TO SCALE

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STATE OF NEW YORK
ROBERT C. GARDNER
Professional Engineer
No. 37813
Exp. 12/31/13

CONTRACT: CONSTRUCTION

TITLE: STORM DRAINAGE IMPROVEMENTS, WATER DISTRIBUTION AND SEWER COLLECTION SYSTEM REPLACEMENTS

LOCATION: ALLEN RESIDENTIAL CENTER AND YOUTH LEADERSHIP ACADEMY NYS RTE. 10 SOUTH KORTRIGHT, NY

CLIENT: OFFICE OF CHILDREN & FAMILY SERVICES

NOT TO SCALE

0 12/21/12 FINAL SUBMISSION

MARK DATE DESCRIPTION

PROJECT NUMBER: 43753-C

DESIGNED BY: M. LASELL, J. CHAGNON

DRAWN BY: S. JOHNSON

FIELD CHECK:

APPROVED:

SHEET TITLE:

MISCELLANEOUS DETAILS

DRAWING NUMBER: C-502

SHEET 40 OF 48

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TITLE: STORM DRAINAGE IMPROVEMENTS, WATER DISTRIBUTION AND SEWER COLLECTION SYSTEM REPLACEMENTS

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CLIENT: OFFICE OF CHILDREN & FAMILY SERVICES

NOT TO SCALE

| MARK | DATE | DESCRIPTION |
|------|----------|------------------|
| 0 | 12/21/12 | FINAL SUBMISSION |

PROJECT NUMBER: 43753-C

DESIGNED BY: M. LASELL, J. CHAGNON

DRAWN BY: S. JOHNSON

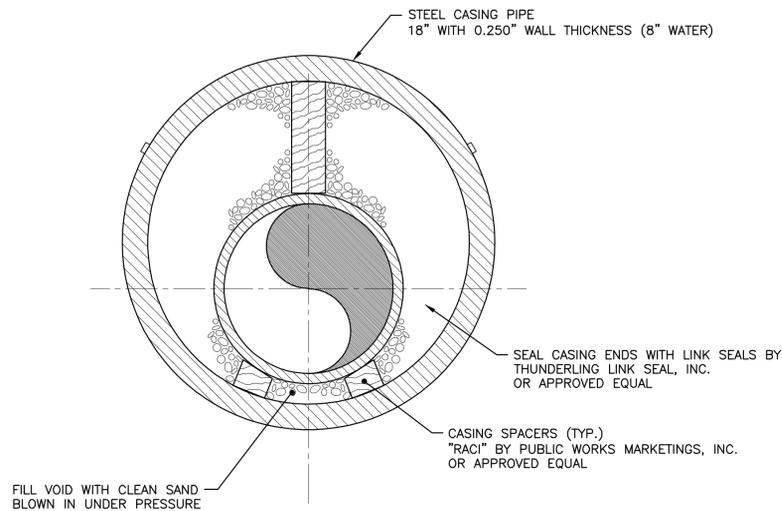
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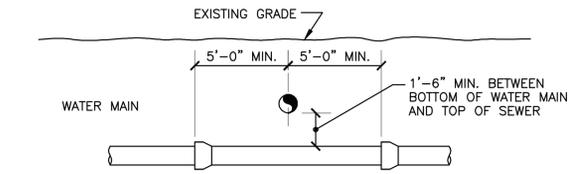
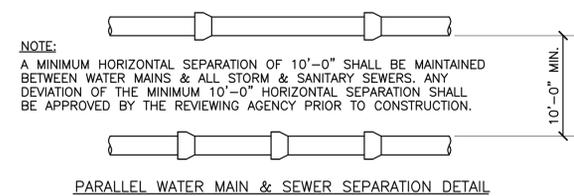
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MISCELLANEOUS DETAILS

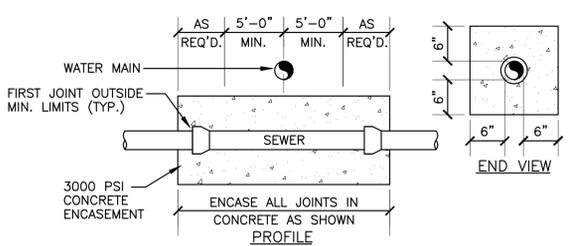
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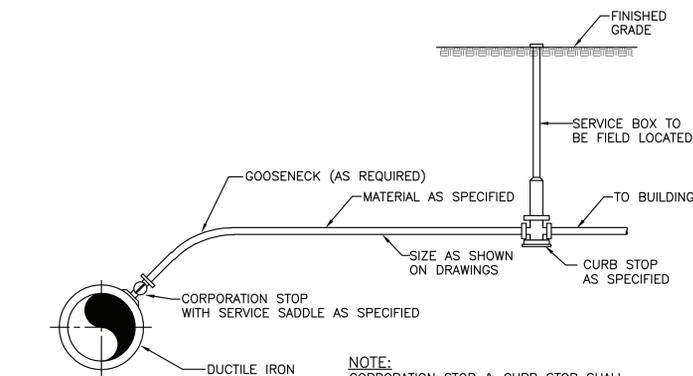
A CASING DETAIL
NOT TO SCALE



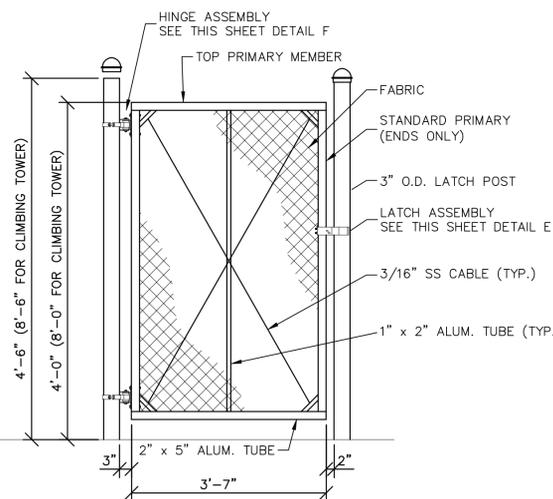
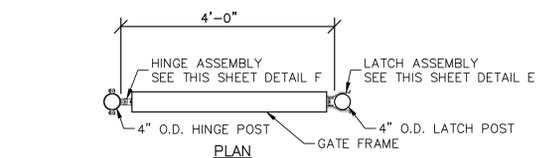
NOTE:
IF MINIMUM SEPARATION DISTANCES SHOWN CAN NOT BE MET, SEE CROSSING REQUIREMENTS BELOW.
WATER MAIN & SEWER CROSSING SEPARATION DETAIL



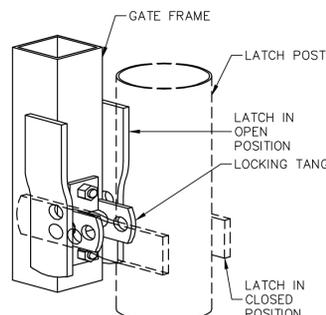
WATER MAIN & SEWER CROSSING MINIMUM SEPARATION REQUIREMENTS
TYPICAL WATER MAIN AND SEWER SEPARATION DETAIL
NOT TO SCALE



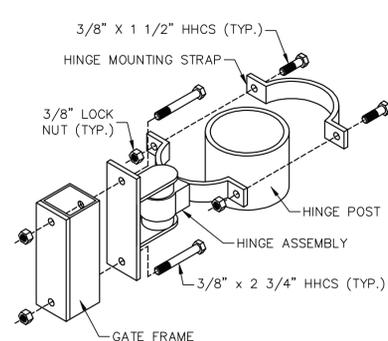
B TYPICAL WATER SERVICE INSTALLATION DETAIL
NOT TO SCALE



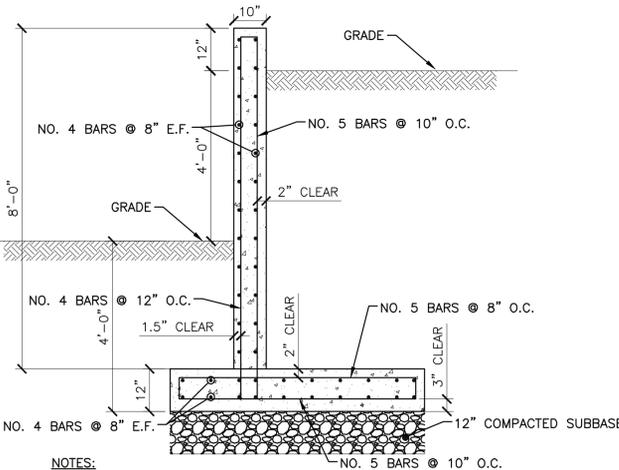
C MAN GATE DETAIL
NOT TO SCALE



E MAN GATE LATCH ASSEMBLY DETAIL
NOT TO SCALE

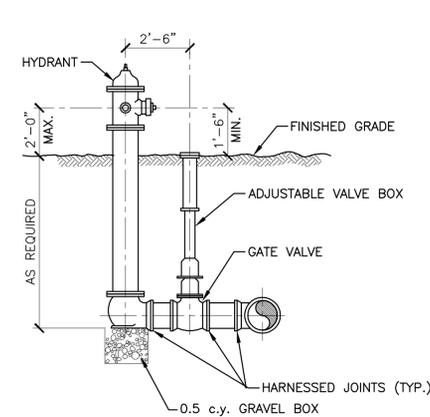


F MAN GATE HINGE ASSEMBLY DETAIL
NOT TO SCALE



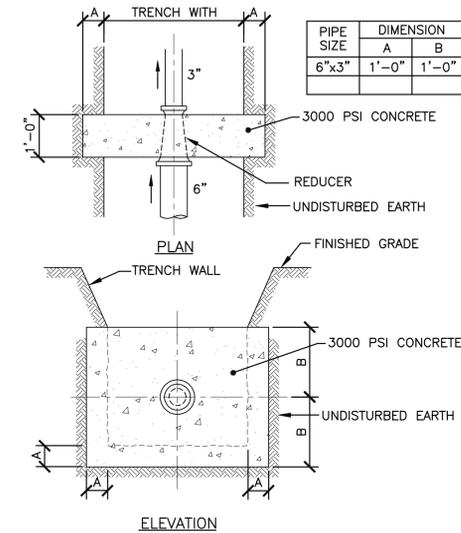
- NOTES:**
1. MATCH FRONT FACE OF RETAINING WALL WITH EXISTING RETAINING WALL.
 2. MATCH TOP OF WALL ELEVATION WITH EXISTING RETAINING WALL.

L RETAINING WALL SECTION
NOT TO SCALE

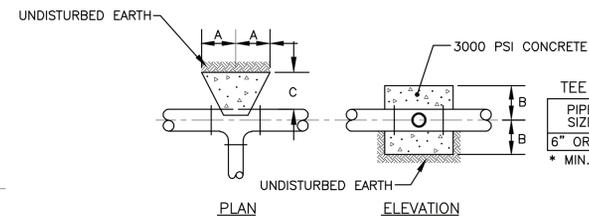


DETAIL NOTE:
DO NOT BLOCK HYDRANT DRAIN PORT WITH CONCRETE.

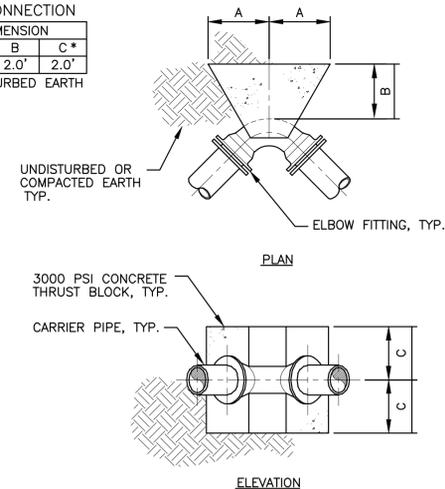
G TYPICAL HYDRANT INSTALLATION DETAIL
NOT TO SCALE



J TYPICAL THRUST BLOCK DETAIL FOR REDUCER
NOT TO SCALE



H TEE THRUST BLOCK DETAIL
NOT TO SCALE

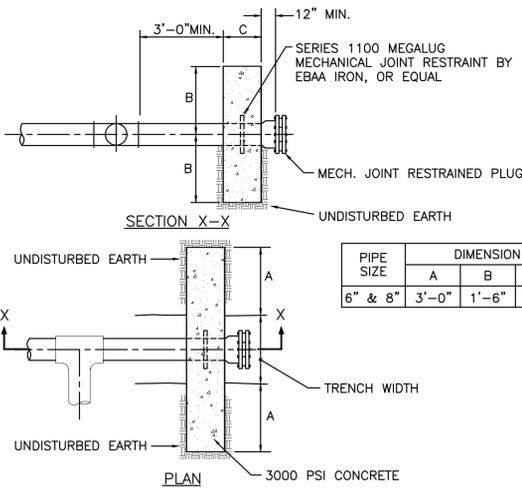


DIMENSION SCHEDULE

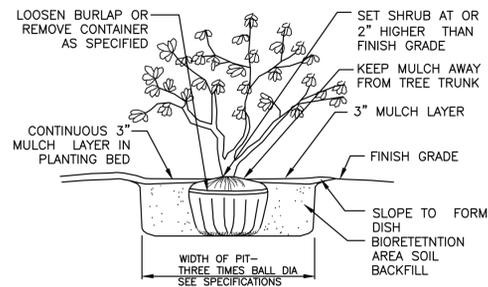
| PIPE SIZE | BEND | DIMENSION | | |
|-----------|---------|-----------|-------|-------|
| | | A | B | C |
| 6" | 90° | 1'-6" | 1'-6" | 0'-9" |
| 6" | 45° | 1'-6" | 1'-6" | 0'-9" |
| 6" | 22 1/2° | 0'-9" | 0'-9" | 0'-9" |
| 6" | 11 1/4° | 0'-6" | 0'-6" | 0'-6" |
| 8" | 90° | 2'-0" | 2'-0" | 2'-0" |
| 8" | 45° | 1'-6" | 1'-6" | 1'-6" |
| 8" | 22 1/2° | 1'-0" | 1'-0" | 1'-0" |
| 8" | 11 1/4° | 0'-9" | 0'-9" | 0'-9" |

NOTE:
THRUST BLOCK DESIGN BASED ON SOIL LATERAL BEARING CAPACITY = 2000 PSF, SAFETY FACTOR = 1.5.

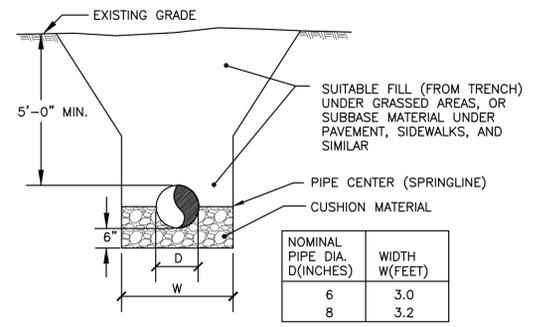
K THRUST BLOCK FOR BENDS
NOT TO SCALE



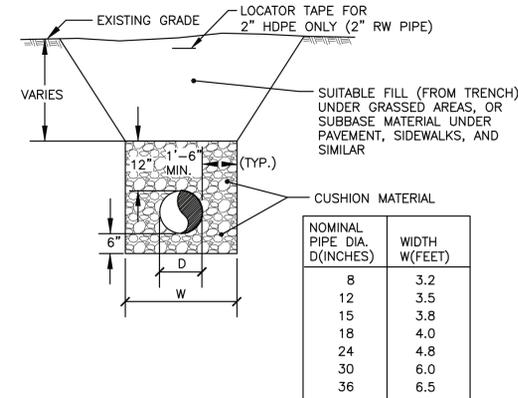
I DEAD END DETAIL
NOT TO SCALE



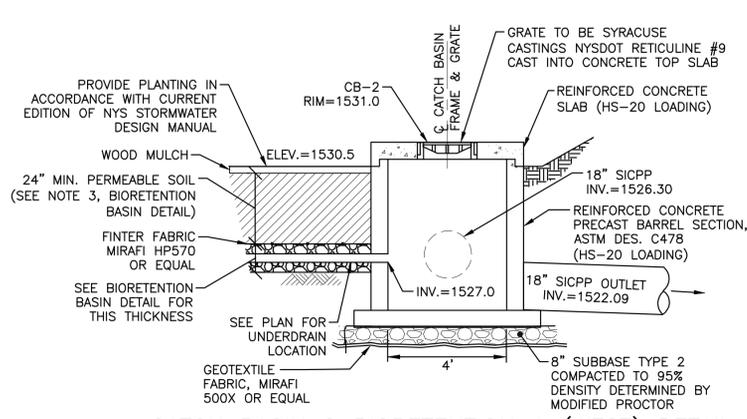
A BIORETENTION AREA - SHRUB PLANTING
NOT TO SCALE



C TYPICAL DUCTILE IRON WATER MAIN TRENCH/BACKFILL DETAIL
NOT TO SCALE



F TYPICAL PVC, HDPE & SICPP PIPE TRENCH/BACKFILL DETAIL
NOT TO SCALE



I CATCH BASIN 2 BIORETENTION 1 (WEST) DETAIL
NOT TO SCALE

PLANTING SCHEDULE GRASSES, SEDGES AND PERENNIALS

| KEY | BOTANICAL NAME COMMON NAME | SIZE | ROOT | REMARKS |
|-----|---|-------|------|---------|
| AG | AGROSTIS GIGANTEA (ALBA) REDTOP | DP 32 | PLUG | 12" OC |
| AI | ASCLEPIAS INCARNATA SWAMP MILKWEED | DP 32 | PLUG | 12" OC |
| ANA | ASTER NOVI-BELGII 'ARCTIC' NEW YORK ASTER, 'ARCTIC' | DP 32 | PLUG | 12" OC |
| ANB | ASTER NOVI-BELGII 'ADA BALLARD' NEW YORK ASTER, 'ADA BALLARD' | DP 32 | PLUG | 12" OC |
| CD | CALAMAGROSTIS CANADENSIS CANADA BLUEJOINT GRASS | DP 32 | PLUG | 12" OC |
| CC | CAREX CRINITA FRINGED SEDGE | DP 32 | PLUG | 12" OC |
| CM | CAREX MUSKINGUMENSIS PALM SEDGE | DP 50 | PLUG | 12" OC |
| DC | DESCHAMPSIA CAESPITOSA TUFTED HAIR GRASS | DP 50 | PLUG | 12" OC |
| EM | EUPATORIUM MACULATUM SPOTTED JOE-PYE WEED | DP 32 | PLUG | 12" OC |
| JE | JUNCUS EFFUSUS SOFT RUSH | DP 32 | PLUG | 12" OC |
| PV | PANICUM VIRGATUM 'WARRIOR' SWITCH GRASS 'WARRIOR' | DP 32 | PLUG | 12" OC |
| PL | POLYGONUM LAPATHIFOLIUM NODDING SMARTWEED | DP 32 | PLUG | 12" OC |
| SC | SCIRPUS CYPERINUS WOOLGRASS | DP 32 | PLUG | 12" OC |

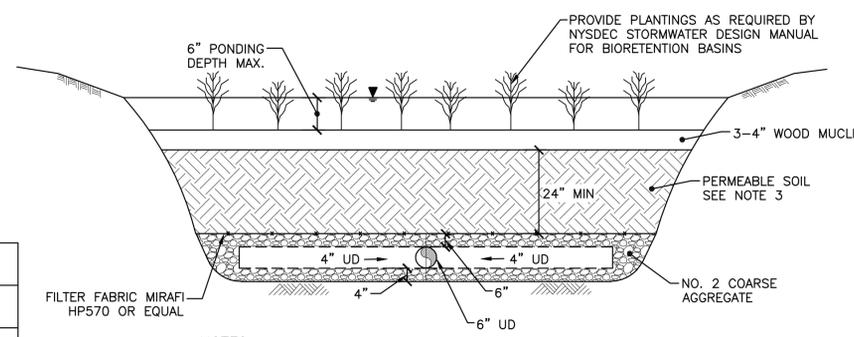
SHRUBS

| KEY | BOTANICAL NAME COMMON NAME | SIZE | ROOT | REMARKS |
|-----|---|--------|------|---------|
| BN | BETULA NIGRA 'LITTLE KING' FOX VALLEY RIVER BIRCH | 6' HGT | B-B | 6' OC |
| CA | CORNUS AMOMUM SILKY DOGWOOD | 2' HGT | CG | 4' OC |
| CS | CORNUS SERICEA 'SILVER AND GOLD' SILVER AND GOLD RED-OSIER DOGWOOD | 2' HGT | CG | 4' OC |
| IVF | ILEX VERTICILLATA 'WINTER RED' WINTER RED WINTERBERRY | 2' HGT | CG | 4' OC |
| IVM | ILEX VERTICILLATA 'SOUTHERN GENTLEMAN' SOUTHERN GENTLEMAN WINTERBERRY | 2' HGT | CG | 4' OC |

ABBREVIATIONS: HGT (HEIGHT)
CG (CONTAINER GROWN)

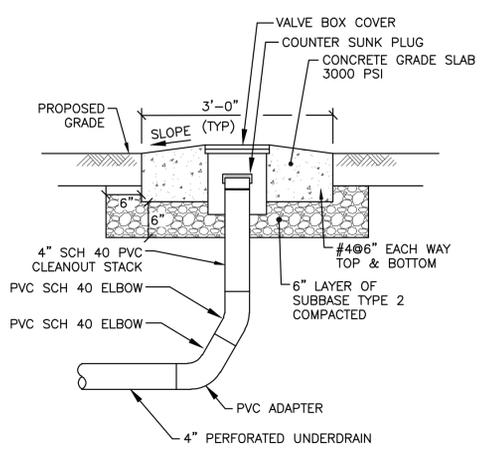
NOTE:
1. CONTRACTOR TO PROVIDE PLANTING LOCATION PLAN AND QUANTITY OF PLANT SPECIES REQUIRED FROM THE ABOVE LIST OF ACCEPTABLE PLANT SPECIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DESIGN, APPROVALS AND CONSTRUCTION. DESIGN SHALL BE IN ACCORDANCE WITH THE NEW YORK STATE STORMWATER MANAGEMENT DESIGN MANUAL CURRENT EDITION AND BE PROVIDED BY A NYS LICENSED LANDSCAPE ARCHITECT.

B BIORETENTION AREA - PLANTING SCHEDULE
NOT TO SCALE

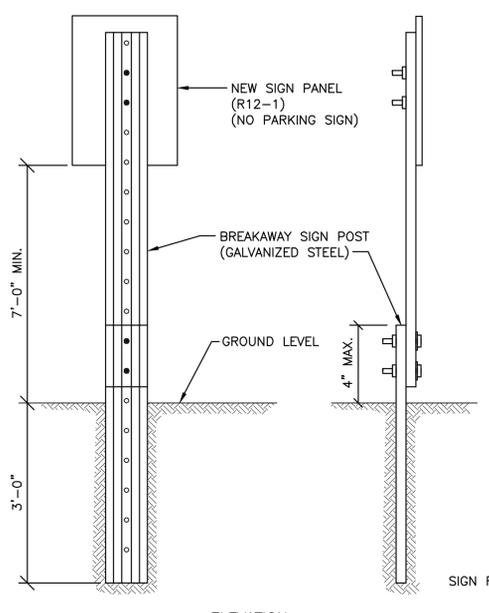


NOTES:
1. SEE GRADING & DRAINAGE PLANS FOR GRADING LIMITS.
2. ALL UNDERDRAIN PIPING SHALL BE PERFORATED WITH FILTER SOCK.
3. PERMEABLE SOIL MEDIA SHALL MEET BIORETENTION AND DRY SWALE SOIL AS SPECIFIED UNDER NYSDOT ITEM 208.0103 22 AND LABORATORY TESTING FOR SOIL PHOSPHOROUS CONCENTRATION UNDER ITEM 208.0104 22.

D BIORETENTION BASIN DETAIL
NOT TO SCALE



G BIORETENTION AREA UNDERDRAIN CLEANOUT DETAIL
NOT TO SCALE



NOTES:
1. ALL SIGNS SHALL BE IN ACCORDANCE WITH THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION (NYS DOT) MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
2. REFER TO NYS DOT SHT. M645-55 FOR STANDARD HEIGHT AND LATERAL LOCATION OF TRAFFIC SIGNS.

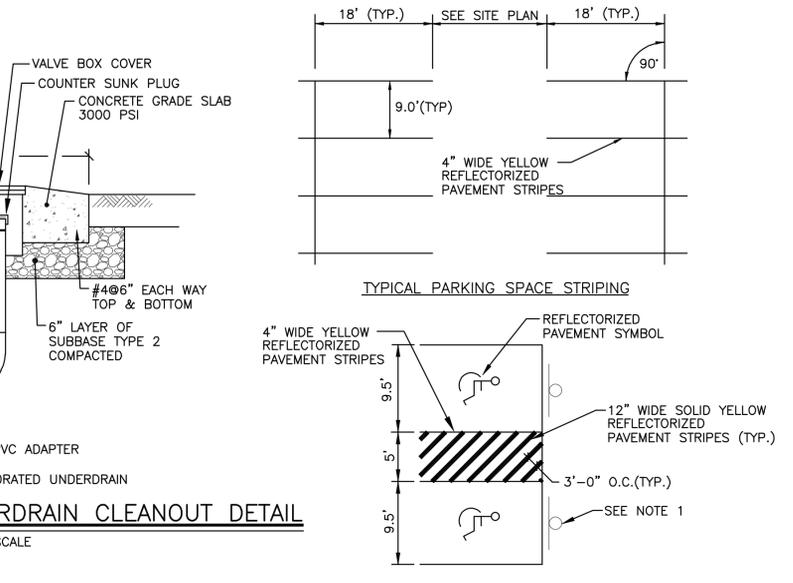
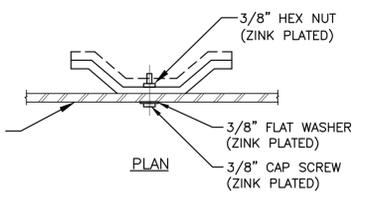
E TYPICAL GROUND MOUNTED SIGN DETAIL
NOT TO SCALE



| MUTCD NUMBER | SIGN SIZE | DESCRIPTION |
|--------------|-----------|------------------------------|
| R12-1 | 24"x30" | BLACK ON WHITE REFLECTORIZED |

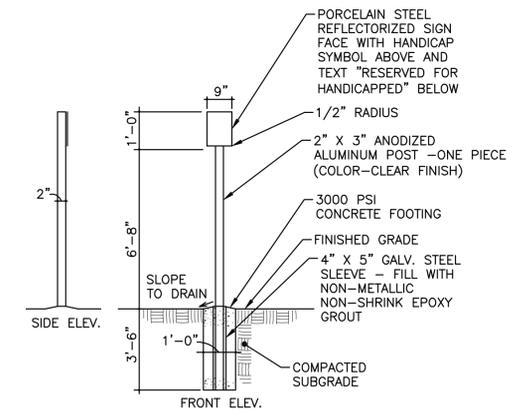
* "NO PARKING - FIRE LANE"

* TO MATCH EXISTING SIGN TABLE



NOTES:
1. SIGNING - EACH ACCESSIBLE PARKING SPACE SHALL BE MARKED BY PERMANENTLY INSTALLED ABOVEGROUND SIGNS WHICH DISPLAY THE INTERNATIONAL SYMBOL OF ACCESS. EACH ACCESS AISLE SHALL BE MARKED BY PERMANENTLY INSTALLED ABOVEGROUND SIGNS INDICATING THAT STOPPING IS NOT PERMITTED IN THE AISLE. SIGNS SHALL NOT BLOCK THE ACCESSIBLE CLEAR WIDTH OF ADJACENT WALKWAYS. SIGNS LOCATED WHERE THEY MAY BE HIT BY VEHICLES BEING PARKED SHALL BE INSTALLED AS SHOWN IN THE POST BASE DETAIL. THE BOTTOMS OF THE SIGNS LOCATED ON POSTS INSTALLED IN PAVED AREAS SHALL BE AT LEAST 7' ABOVE THE WALKWAY SURFACE. THE BOTTOMS OF SIGNS LOCATED IN UNPAVED AREAS SHALL BE 7' ABOVE THE ADJACENT PAVEMENT SURFACE.

J PARKING SPACE STRIPING DETAILS
NOT TO SCALE



NOTES:
1. SUBMIT SHOP DRAWINGS FOR APPROVAL.
2. SIGN SHALL CONFORM TO THE LATEST ADA REQUIREMENTS.

H HANDICAP PARKING SIGN
NOT TO SCALE

OGS
NYS OFFICE OF GENERAL SERVICES
Serving New York
ANDREW M. CUOMO
Governor
ROANN M. DESTITO
Commissioner
JAMES M. DAVIES, A.I.A.
Deputy Commissioner, Design and Construction

CONSULTANT
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OBG PROJECT NO. 02069.42742

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STATE OF NEW YORK
ROBERT C. GARDNER
Professional Engineer
No. 37813
Professional Engineer

CONTRACT: CONSTRUCTION
TITLE: STORM DRAINAGE IMPROVEMENTS, WATER DISTRIBUTION AND SEWER COLLECTION SYSTEM REPLACEMENTS
LOCATION: ALLEN RESIDENTIAL CENTER AND YOUTH LEADERSHIP ACADEMY NYS RTE. 10 SOUTH KORTRIGHT, NY
CLIENT: OFFICE OF CHILDREN & FAMILY SERVICES

NOT TO SCALE

| MARK | DATE | DESCRIPTION |
|------|----------|------------------|
| 0 | 12/21/12 | FINAL SUBMISSION |

PROJECT NUMBER: 43753-C
DESIGNED BY: M. LASELL, J. CHAGNON
DRAWN BY: S. JOHNSON
FIELD CHECK:
APPROVED:
SHEET TITLE: MISCELLANEOUS DETAILS
DRAWING NUMBER: C-504
SHEET 42 OF 48

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 STORM DRAINAGE IMPROVEMENTS,
 WATER DISTRIBUTION AND SEWER
 COLLECTION SYSTEM REPLACEMENTS

LOCATION:
 ALLEN RESIDENTIAL CENTER AND
 YOUTH LEADERSHIP ACADEMY
 NYS RTE. 10 SOUTH KORTRIGHT, NY

CLIENT:
 OFFICE OF CHILDREN & FAMILY
 SERVICES

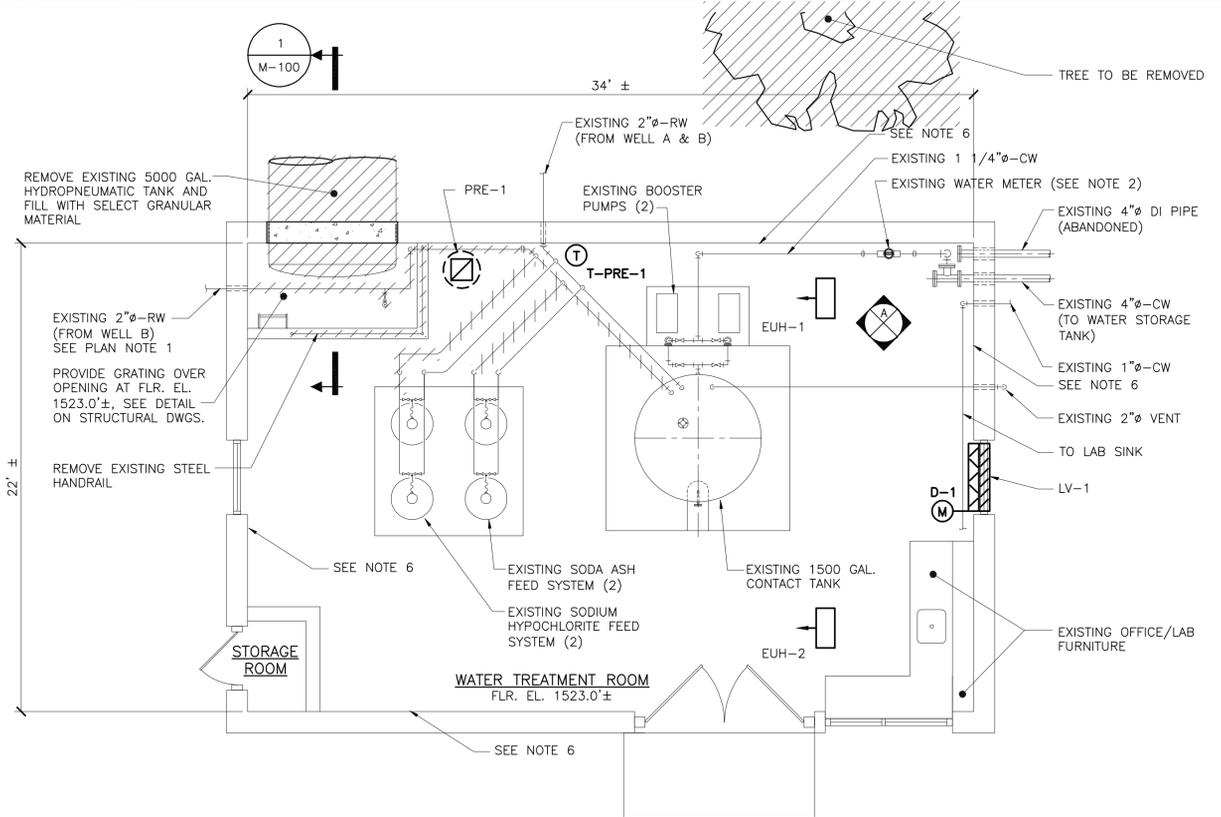


| MARK | DATE | DESCRIPTION |
|------|----------|------------------|
| 0 | 12/21/12 | FINAL SUBMISSION |

| | |
|-----------------|---------|
| PROJECT NUMBER: | 43753-C |
| DESIGNED BY: | SDD/EAN |
| DRAWN BY: | KJL |
| FIELD CHECK: | |
| APPROVED: | GBC/SDD |

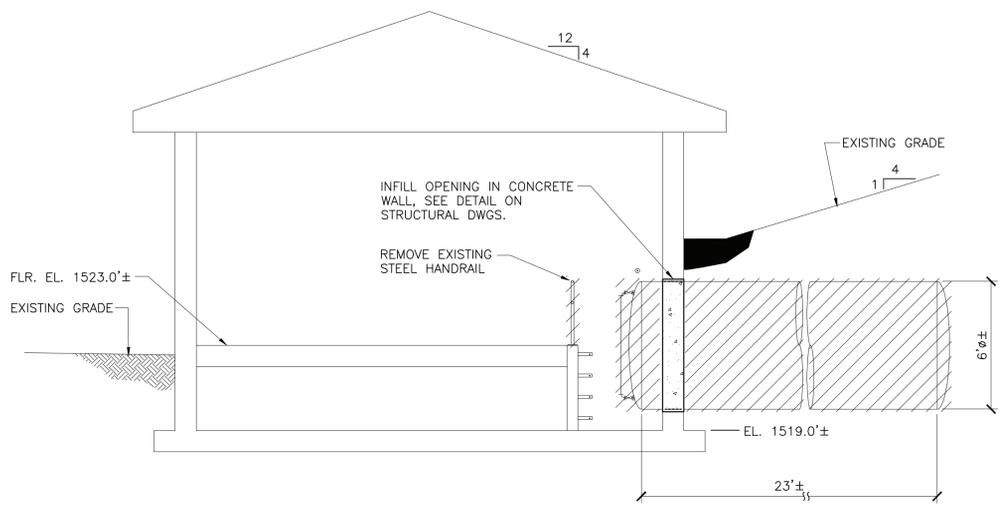
SHEET TITLE:
**WATER TREATMENT
 BUILDING
 IMPROVEMENTS**

DRAWING NUMBER:
M-100



PLAN
 SCALE: 1/4"=1'-0"

PLAN NOTE:
 1. REMOVE EXISTING 2"Ø-RW PIPING FROM WELL B, AND ASSOCIATED CHEMICAL FEED PIPING AS SHOWN. PROVIDE PVC BLIND FLANGE AT ABANDONED CONTACT TANK INLET CONNECTION. FILL WALL PENETRATION WITH NON-SHRINK GROUT.



SECTION
 SCALE: 1/4"=1'-0"

| NO. | LOCATION | MINIMUM HEATING CAPACITY (kW) | VOLTS/PHASE | MOUNTING HEIGHT | REMARKS |
|-------|----------------------|-------------------------------|-------------|-----------------|---------|
| EUH-1 | WATER TREATMENT ROOM | 5 | 208 / 3 | 8' | 1,2,3,4 |
| EUH-2 | WATER TREATMENT ROOM | 5 | 208 / 3 | 8' | 1,2,3,4 |

REMARKS:
 1. INSTALL WITH HORIZONTAL DISCHARGE
 2. PROVIDE INTERGRAL THERMOSTAT
 3. PROVIDE INTERGRAL ELECTRICAL DISCONNECT SWITCH
 4. PROVIDE MANUFACTURERS BRACKET FOR CEILING MOUNTING.

| NO. | LOCATION | AIR FLOW (CFM) | S.P. (WC) | FAN MOTOR | | REMARKS |
|-------|----------------------|----------------|-----------|-----------|-------------|---------|
| | | | | HP | VOLTS/PHASE | |
| PRE-1 | WATER TREATMENT ROOM | 300 | 0.125 | 3/4 | 120 / 1 | 1,2,3,4 |

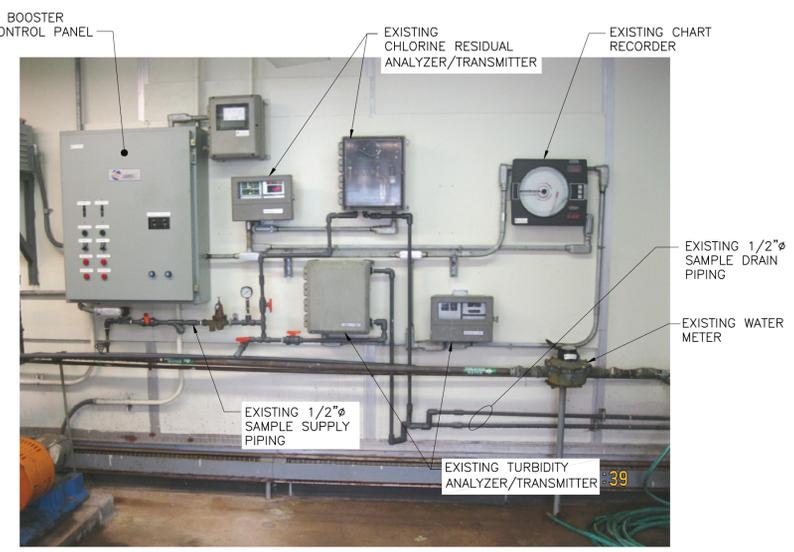
REMARKS:
 1. DOWN BLAST
 2. DIRECT DRIVE
 3. GRAVITY BACKDRAFT DAMPER
 4. INSTALL ON EXISTING ROOF CURB AND PROVIDE ALUMINUM CURB ADAPTER FROM FAN MANUFACTURER TO SUIT EXISTING DIMENSIONS.

| NO. | DIMENSIONS | | TYPE | DUTY | DAMPER | | | SCREEN TYPE | REMARKS |
|------|------------|--------|-------|--------|--------|------|-------|-------------|---------|
| | WIDTH | HEIGHT | | | TYPE | OPEN | CLOSE | | |
| LV-1 | 40" | 40" | FIXED | INTAKE | - | - | - | BIRD | 1 |

REMARKS:
 1. EXISTING WINDOW ROUGH OPENING DIMENSIONS INDICATED. FIELD VERIFY EXACT DIMENSIONS.
 2. INSTALL LOUVER MANUFACTURER'S DOUBLE METAL SIDED INSULATED BLANK OFF PANEL BELOW DAMPER D-1.

| NO. | LOCATION | DIMENSION | | TYPE | DUTY | DAMPER ACTUATOR | | | REMARKS |
|-----|----------------------|-----------|--------|----------|--------|-----------------|-------|--------|---------|
| | | WIDTH | HEIGHT | | | TYPE | OPEN | CLOSE | |
| D-1 | WATER TREATMENT ROOM | 40" | 12" | PARALLEL | INTAKE | ELEC | POWER | SPRING | 1 |

REMARKS:
 1. INSTALL DAMPER IN UPPER AREA OF LOUVER ABOVE LOUVER BLANK OFF PANEL.



ELEVATION
 SCALE: 1/4" = 1'-0"

DRAWING NOTES:

- REMOVE EXISTING CHLORINE RESIDUAL ANALYZER/TRANSMITTER, TURBIDITY ANALYZER/TRANSMITTER AND CHART RECORDER, AND TURN OVER TO OWNER. PROVIDE NEW DEVICES AS FOLLOWS:
 - FREE CHLORINE RESIDUAL ANALYZER: HACH MODEL CL17 WITH SAMPLE CONDITIONING UNIT, OR EQUAL.
 - TURBIDITY ANALYZER: HACH MODEL 1720E, OR EQUAL.
 - PH ANALYZER: HACH MODEL pHD, OR EQUAL.
 - CHART RECORDER: 6-PEN UNIT, EURO THERM CHESSSEL 394, OR EQUAL.
 MOUNT DEVICES ON WALL MOUNTED INSTRUMENT PANEL, ±2'-3" HIGH x ±4'-0" WIDE, 1/2" THICK, WHITE, HIGH DENSITY POLYETHYLENE, ATTACHED TO HOT-DIP GALVANIZED MOUNTING CHANNEL USING STAINLESS STEEL HARDWARE.
- REMOVE EXISTING WATER METER AND PROVIDE NEW METER WITH STRAINER. NEW METER SHALL BE DIRECT READING NEPTUNE 1" MODEL T-10 OR EQUAL.
- REPLACE TWO EXISTING CEILING MOUNTED ELECTRIC UNIT HEATERS WITH EUH-1 AND EUH-2. TURN OVER EXISTING HEATERS TO OWNER.
- REMOVE EXISTING ROOF MOUNTED EXHAUST FAN AND REPLACE WITH PRE-1.
- REMOVE EXISTING WINDOW AND REPLACE WITH LOUVER LV-1 AND DAMPER D-1.
- REMOVE EXISTING ELECTRIC BASEBOARD HEATERS ALONG ENTIRE WALL SECTION
- HEATING AND VENTILATING SEQUENCE OF OPERATION:
 - EUH-1 AND EUH-2 HAVE PACKAGED CONTROLS. ADJUST THERMOSTAT SETPOINTS TO 50 DEGREES F.
 - PRE-1 IS INTERLOCKED WITH D-1 AND CONTROLLED BY T-PRE-1. ADJUST T-PRE-1 SETPOINT TO 70 DEGREES F. AS ROOM AIR TEMPERATURE RISES TO SETPOINT, ENERGIZE PRE-1 AND D-1 ACTUATOR TO FULLY OPEN DAMPER. AS ROOM AIR TEMPERATURE FALLS TO SETPOINT, DEENERGIZE PRE-1 AND D-1 ACTUATOR TO ALLOW DAMPER TO SPRING FULLY CLOSED.
- SEE ELECTRICAL DRAWINGS FOR RELATED WORK.

LEGEND

- EUH ELECTRIC UNIT HEATER
- PRE POWERED ROOF EXHAUSTER
- T-PRE THERMOSTAT
- D-1 DAMPER
- LV-1 LOUVER

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CONTRACT:

CONSTRUCTION

TITLE:
STORM DRAINAGE IMPROVEMENTS,
WATER DISTRIBUTION AND SEWER
COLLECTION SYSTEM REPLACEMENTS

LOCATION:
ALLEN RESIDENTIAL CENTER AND
YOUTH LEADERSHIP ACADEMY
NYS RTE. 10 SOUTH KORTRIGHT, NY

CLIENT:
OFFICE OF CHILDREN & FAMILY
SERVICES

1/2"=1'-0"

| MARK | DATE | DESCRIPTION |
|-----------------|----------|------------------|
| 0 | 12/21/12 | FINAL SUBMISSION |
| PROJECT NUMBER: | 43753-C | |
| DESIGNED BY: | SDD | |
| DRAWN BY: | KJL | |
| FIELD CHECK: | | |
| APPROVED: | | |

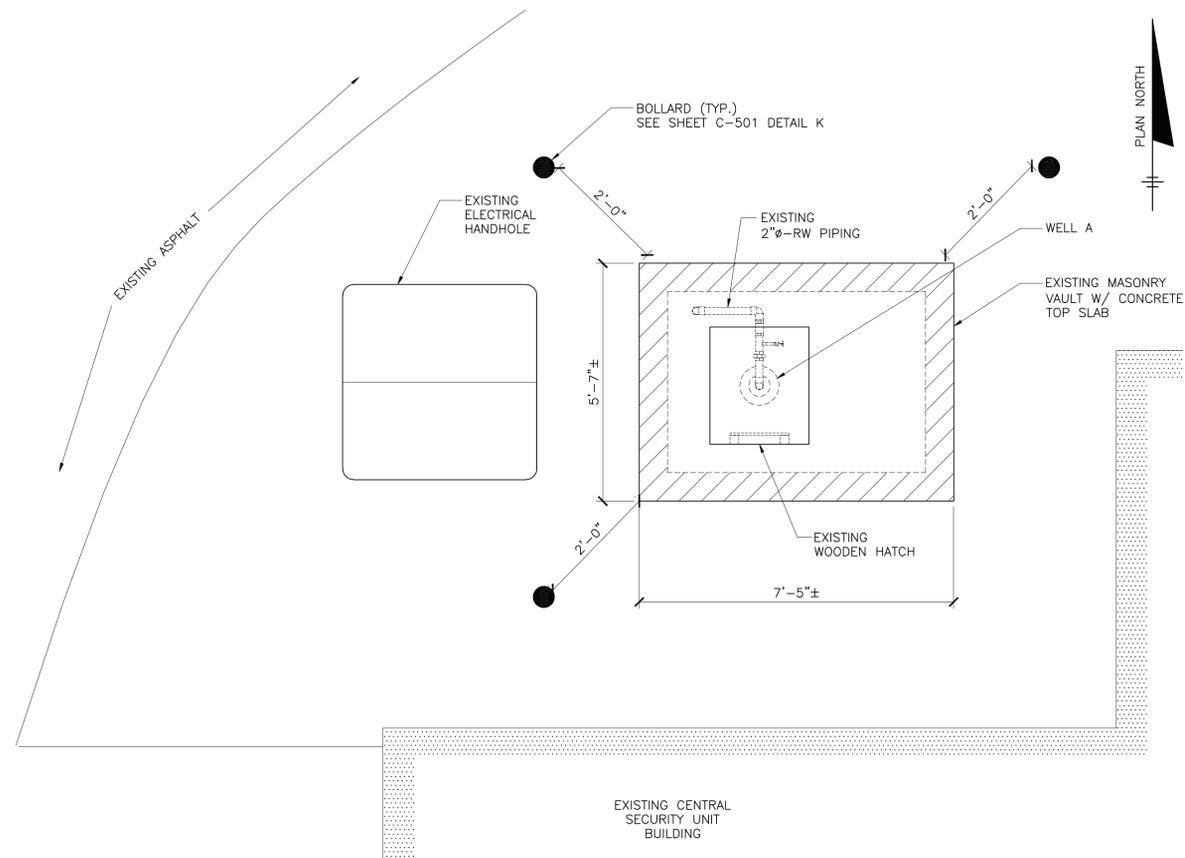
SHEET TITLE:

WELL IMPROVEMENTS

DRAWING NUMBER:

M-101

SHEET 45 OF 48



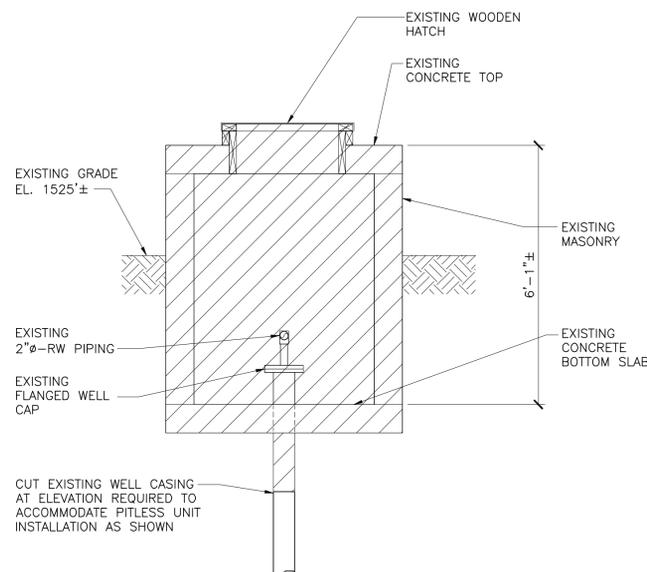
EXISTING PLAN

WELL "A" MODIFICATION NOTES:

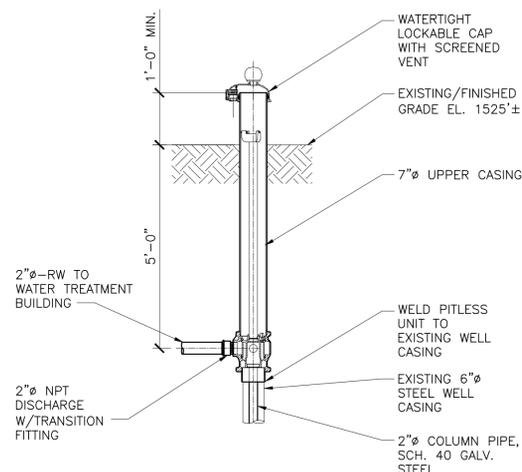
- SEE SHEET C-118 FOR LOCATION OF WELL "A".
- REMOVE EXISTING MASONRY AND CONCRETE VAULT, AND PROVIDE PITLESS UNIT AS SHOWN.
- PROVIDE SUBMERSIBLE WELL PUMP AND MOTOR AS SPECIFIED IN SECTION ENTITLED "SUBMERSIBLE WELL PUMPS".
- PROVIDE PITLESS UNIT AS SPECIFIED IN SECTION ENTITLED "PITLESS UNIT".
- PROVIDE 2" DIAMETER GALVANIZED STEEL COLUMN PIPING (SCH. 40) TO ACCOMMODATE PUMP INLET SETTING AT EL. 1363'. PROVIDE DIELECTRIC CONNECTION BETWEEN COLUMN PIPING AND PUMP CASING.
- INSTALL PITLESS UNIT AND WELL PUMP/MOTOR IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATIONS, AND PERFORM FIELD TEST TO DEMONSTRATE SATISFACTORY PERFORMANCE.
- PROVIDE BACKFILL AND COMPACTION USING SELECTED FILL, TOPSOIL AND SEED. RESTORE DISTURBED SURFACES TO MATCH SURROUNDING CONDITIONS.
- SEE ELECTRICAL DRAWINGS FOR RELATED WORK.

WELL "B" MODIFICATION NOTES:

- SEE SHEET C-118 FOR LOCATION OF WELL "B".
- REMOVE AND REPLACE EXISTING SUBMERSIBLE WELL PUMP AND MOTOR WITH NEW EQUIPMENT AS SPECIFIED IN SECTION ENTITLED "SUBMERSIBLE WELL PUMPS".
- REINSTALL PUMP/MOTOR AT EXISTING SETTING (±43 FEET BELOW GRADE) USING EXISTING PITLESS UNIT, COLUMN AND DISCHARGE PIPING. PROVIDE DIELECTRIC CONNECTION BETWEEN EXISTING 2" DIAMETER GALVANIZED STEEL COLUMN PIPING AND PUMP CASING.
- INSTALL WELL PUMP IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, AND PERFORM FIELD TEST TO DEMONSTRATE SATISFACTORY PERFORMANCE.
- SEE ELECTRICAL DRAWINGS FOR RELATED WORK.



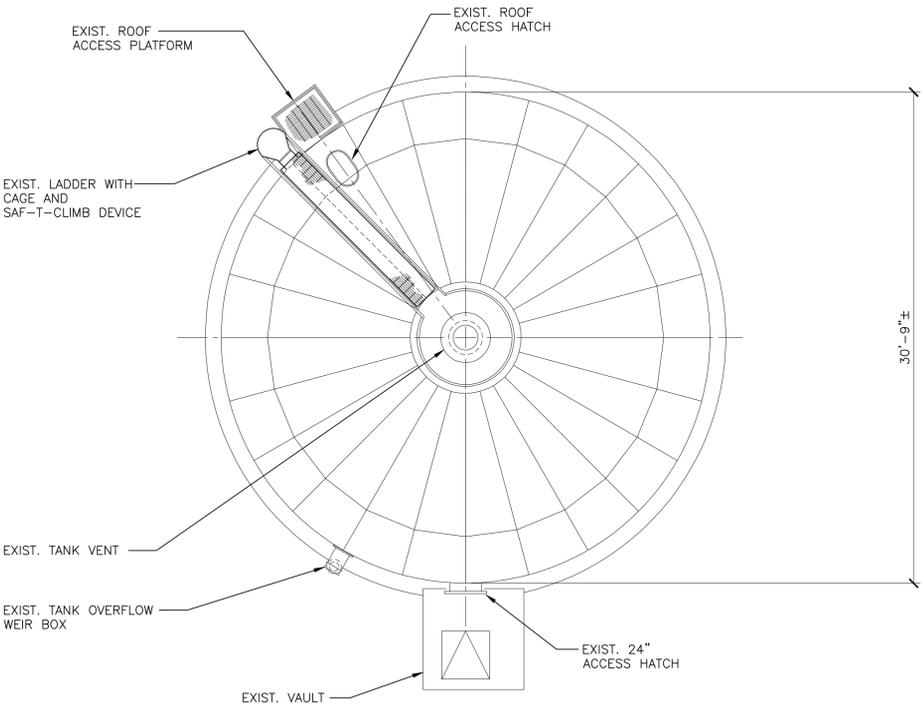
EXISTING SECTION



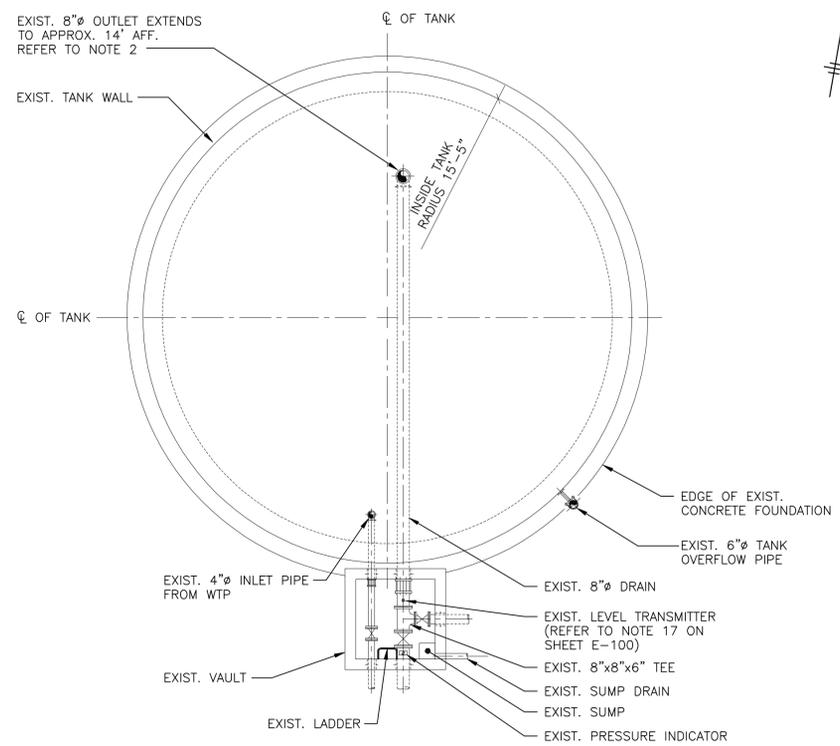
SECTION

WELL A MODIFICATIONS

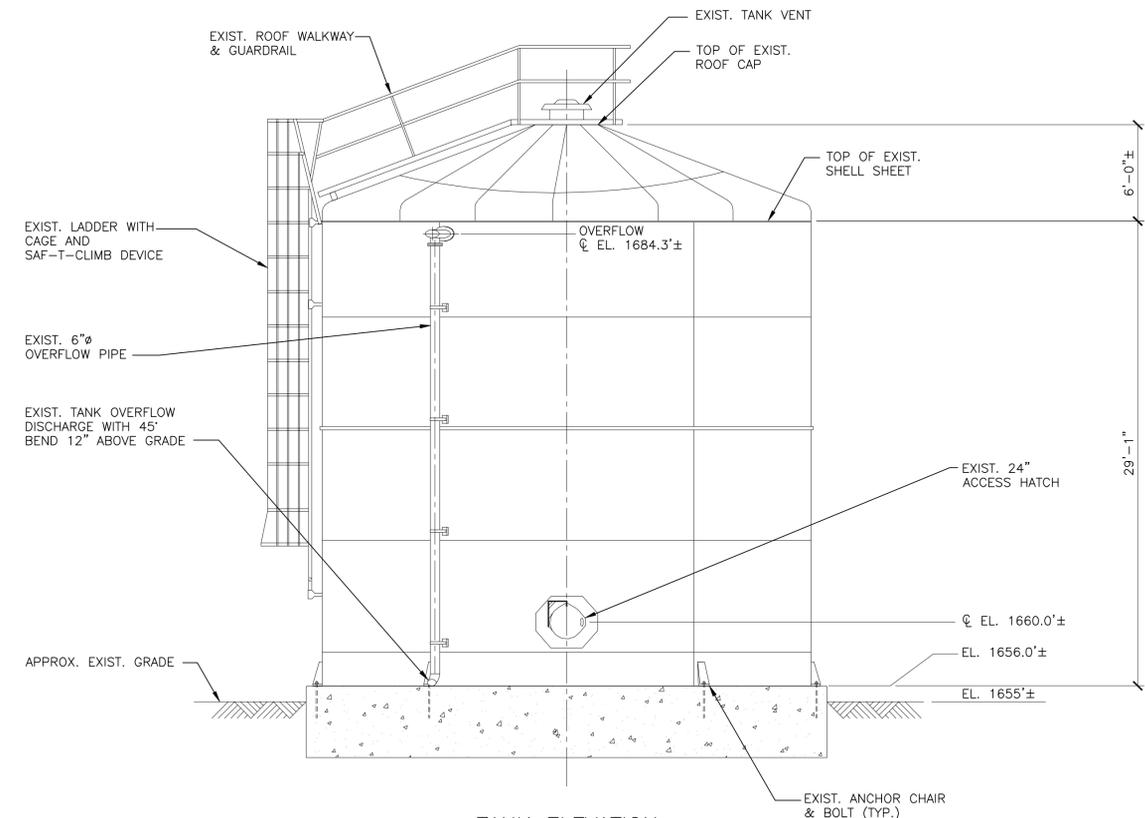
SCALE: 1/2"=1'-0"



TANK ROOF PLAN
SCALE: 3/16"=1'-0"



TANK FOUNDATION PLAN
SCALE: 3/16"=1'-0"



TANK ELEVATION
SCALE: 3/16"=1'-0"

DRAWING NOTES:

1. FURNISH AND INSTALL MIXING SYSTEM EQUIPMENT AS SPECIFIED IN SECTION ENTITLED "WATER STORAGE TANK MIXING SYSTEM".
2. FIELD VERIFY ORIENTATION OF EXISTING TANK FEATURES. LOCATIONS SHOWN ON PLANS ARE APPROXIMATE ONLY.
3. FIELD VERIFY SIZE OF EXISTING ROOF ACCESS MANWAY.

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CONTRACT: CONSTRUCTION

TITLE: STORM DRAINAGE IMPROVEMENTS, WATER DISTRIBUTION AND SEWER COLLECTION SYSTEM REPLACEMENTS

LOCATION: ALLEN RESIDENTIAL CENTER AND YOUTH LEADERSHIP ACADEMY
NYS RTE. 10 SOUTH KORTRIGHT, NY

CLIENT: OFFICE OF CHILDREN & FAMILY SERVICES

NOT TO SCALE

| MARK | DATE | DESCRIPTION |
|-----------------|----------|------------------|
| 0 | 12/21/12 | FINAL SUBMISSION |
| PROJECT NUMBER: | 43753-C | |
| DESIGNED BY: | LWR | |
| DRAWN BY: | TWL | |
| FIELD CHECK: | | |
| APPROVED: | | |

SHEET TITLE:
STORAGE TANK IMPROVEMENTS

DRAWING NUMBER:
M-102

Jun 01, 2013 9:32am
 I:\Nys-Ojgs-2069\42742\Allen-Resident\Draws\1-16-12 Youth Leadership 100% Design\DWGS\Sheets\M-102.dwg
 36x24 PLOT SHEET



NYS OFFICE OF GENERAL SERVICES

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JOHN C. EGAN
Commissioner
JAMES M. DAVIES, A.I.A.
Deputy Commissioner, Design and Construction

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CLIENT:

OFFICE OF CHILDREN & FAMILY SERVICES

NOT TO SCALE

0 12/21/12 FINAL SUBMISSION

MARK DATE DESCRIPTION

PROJECT NUMBER: 43753-S

DESIGNED BY: BRC

DRAWN BY: BRC

FIELD CHECK:

APPROVED:

SHEET TITLE:

GENERAL NOTES & ABBREVIATIONS

DRAWING NUMBER: S-001

SHEET 47 OF 48

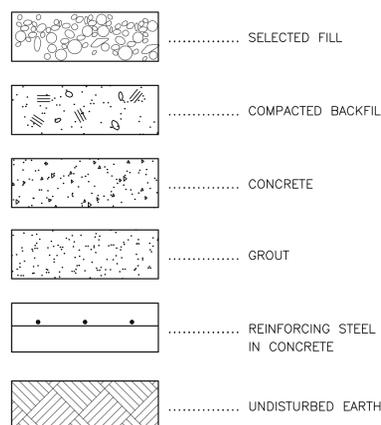
STRUCTURAL ABBREVIATIONS

Table listing structural abbreviations and their meanings, including symbols like 'A', 'L', 'LBS.', 'LL', 'LLH', etc., and their corresponding full names like 'ANCHOR BOLT', 'AMERICAN CONCRETE INSTITUTE', etc.

STRUCTURAL STEEL NOTES

- List of structural steel notes detailing fabrication and erection requirements, such as 'FABRICATE AND ERECT STRUCTURAL STEEL SYSTEMS IN ACCORDANCE WITH AISC', 'STEEL MEMBERS HAVE BEEN PROPORTIONED UTILIZING ALLOWABLE STRESS DESIGN (ASD)', etc.

STRUCTURAL SYMBOLS



STRUCTURAL GENERAL NOTES

- List of structural general notes including 'WORK SHALL COMPLY WITH THE 2007 BUILDING CODE OF NEW YORK STATE', 'SECTIONS AND DETAILS SHOWN ON DRAWINGS ARE TYPICAL', 'EXAMINE AND COMPARE STRUCTURAL DRAWINGS WITH MECHANICAL, PLUMBING, CIVIL, AND ELECTRICAL DRAWINGS', etc.

STRUCTURAL FOUNDATION NOTES

- List of structural foundation notes including 'FOUNDATION DESIGN IS BASED ON GEOTECHNICAL ENGINEERING REPORT BY O'BRIEN & GERE ENGINEERS, DATED AUGUST 3, 2010', 'NET ALLOWABLE BEARING PRESSURE (SOILS): 3,000 PSF @ 3' BELOW GRADE', etc.

STRUCTURAL CONCRETE NOTES

- List of structural concrete notes including 'CONCRETE WORK SHALL CONFORM TO REQUIREMENTS OF THE AMERICAN CONCRETE INSTITUTE (ACI) 301', 'CONCRETE SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH AS SHOWN: UNIT WEIGHT MIN. STRENGTH @ 28 DAYS (PSI)'

Table with columns: ITEM, MIN. STRENGTH @ 28 DAYS (PSI), UNIT WEIGHT(PCF). Row 1: SLABS ON GRADE, FOOTINGS & WALLS, 4000, 145.

- Continuation of structural concrete notes including 'PORTLAND CEMENT USED FOR CONCRETE WORK SHALL COMPLY WITH ASTM C-150 FOR TYPE I/II CEMENT', 'NORMAL WEIGHT CONCRETE SHALL CONTAIN FINE AND COARSE AGGREGATES COMPLYING WITH ASTM C-33', etc.

STRUCTURAL REINFORCEMENT NOTES

- List of structural reinforcement notes including 'REINFORCEMENT WORK OF DETAILING, FABRICATION AND ERECTION SHALL CONFORM TO "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE"', 'STEEL REINFORCEMENT, UNLESS NOTED OTHERWISE, SHALL CONFORM TO THE FOLLOWING:', 'BARS, TIES AND STIRRUPS ASTM A615 GRADE (Fy = 60,000 PSI)', etc.

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1/2"=1'-0" 1 0 1 2 3

| | | |
|------|----------|------------------|
| 0 | 12/21/12 | FINAL SUBMISSION |
| MARK | DATE | DESCRIPTION |

PROJECT NUMBER: 43753-S

DESIGNED BY: BRC

DRAWN BY: BRC

FIELD CHECK:

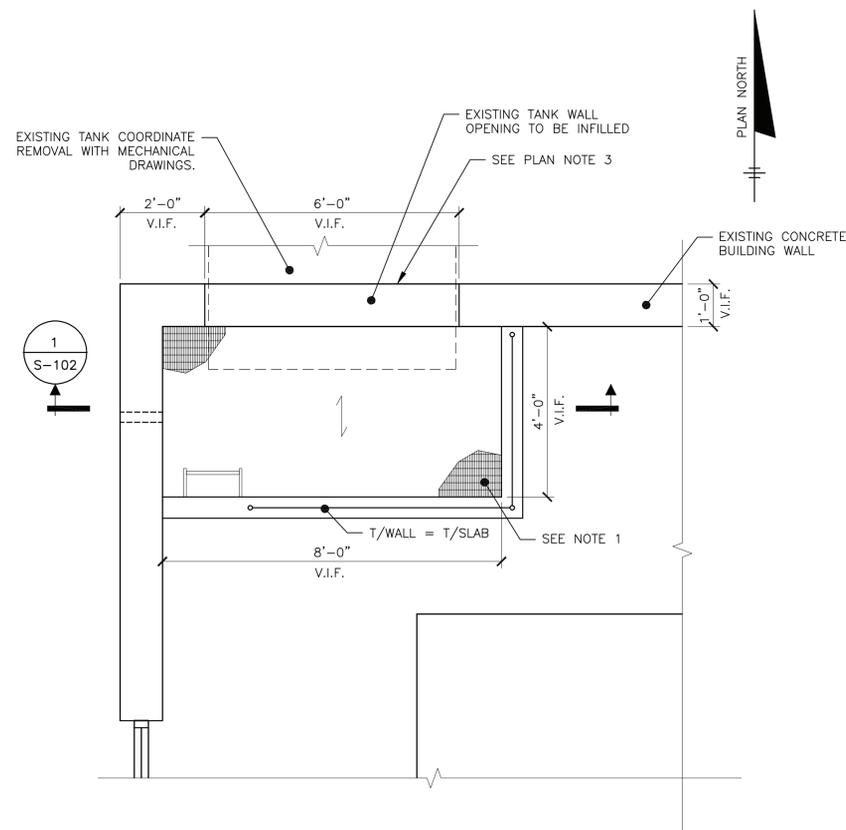
APPROVED:

SHEET TITLE:

WATER TREATMENT
BUILDING PLAN &
SECTIONS

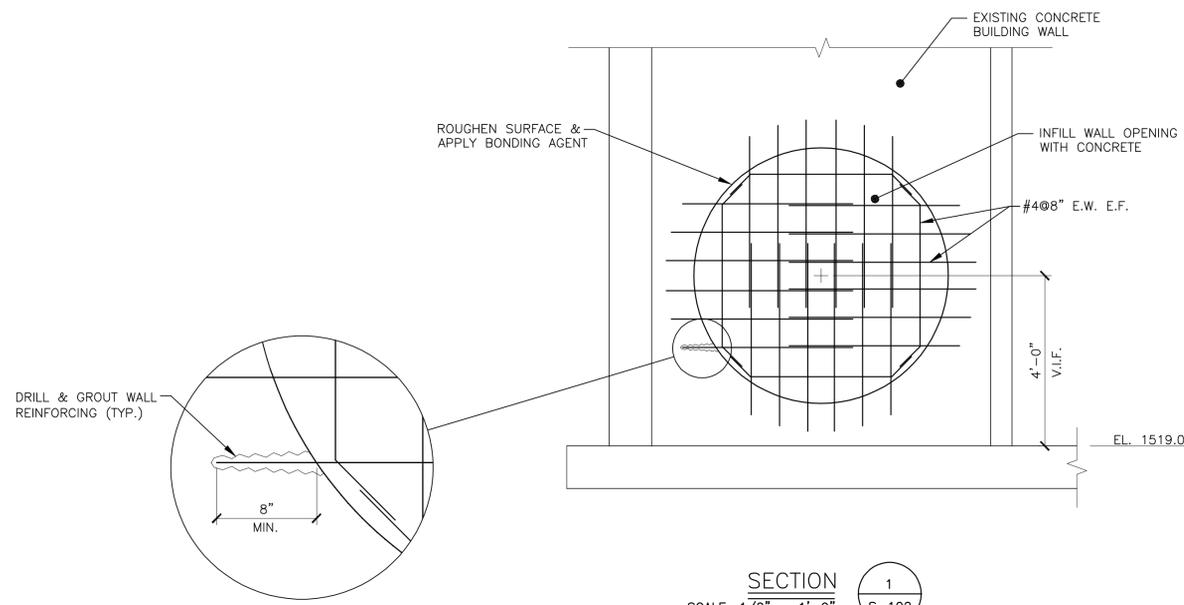
DRAWING NUMBER:
S-101

SHEET 48 OF 48

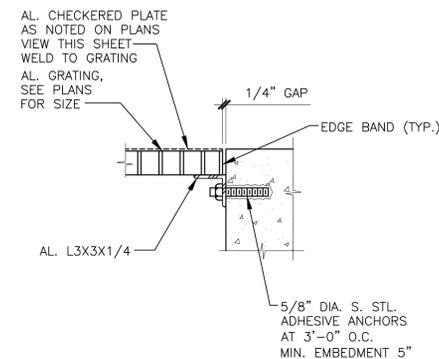


PLAN AT EL. 1523.0'

- SCALE: 1/2" = 1'-0"
- PLAN NOTES:**
1. REMOVABLE GRATING SHALL BE 1 1/2" ALUMINUM SERRATED BAR GRATING WITH 3/16" BEARING BARS AT 1 3/16" O.C. AND CROSS BARS AT 4" O.C.
 2. TOP OF GRATING ELEVATION = TOP OF SLAB ELEVATION = 1523.0'. V.I.F.
 3. SURFACE APPLY CARLISLE CCW 703 LIQUESEAL TO EXTERIOR SURFACE OF CONCRETE. OVERLAP JOINT BETWEEN NEW AND OLD CONCRETE BY 1'-0".



SECTION 1 S-102
SCALE: 1/2" = 1'-0"



ALUMINUM GRATING SUPPORT DETAIL
NOT TO SCALE

- DETAIL NOTES:**
1. ANCHOR SIZE & SPACING AS SHOWN ABOVE U.O.N. ON THE DRAWINGS