

TOWN OF DELHI, NEW YORK

MUNICIPAL SWIMMING POOL & BATHHOUSE PROJECT

MAIN STREET
DELHI, NEW YORK
DELAWARE COUNTY



GOVERNING CODES:
NEW YORK DEPARTMENT OF HEALTH

BUILDING CODE OF NEW YORK 2010
PLUMBING CODE OF NEW YORK
NATIONAL ELECTRICAL CODE
VILLAGE OF DELHI, NEW YORK WATER & SEWER REGULATION
NEW YORK STATE DEPT. OF ENVIRONMENTAL CONSERVATION
EROSION MANAGEMENT REGULATIONS
LOCAL GOVERNING UTILITIES REGULATION

EQUIPMENT & PRODUCTS NOTES

- PLUMBING FIXTURES SHALL BE COMMERCIAL MODELS AMERICAN STANDARD OF EQUAL, FLUSH VALVE TYPE BY P-1
- BATHROOM FIXTURES & TOILET ACCESSORIES FOR MENS & WOMENS ROOM SHALL EACH INCLUDE (BY P-1)
 - ELECTRIC HAND DRYER, 208 VOLT, SINGLE PHASE WALL MOUNT, POWER BY E-1.
 - MIRRORS, WALL MOUNT, MINIMUM 16" x 24".
 - ADA APPROVED GRAB BARS, S.S. GRADE 304.
 - TOILET PAPER HOLDERS, TWO(2) ROLL COMMERCIAL TYPE.
 - TOILET & URINAL ENCLOSURES/PARTITIONS, HIGH GLOSS ENAMEL WITH LOCKABLE DOORS.
 - TRUSS MOUNTED POWER VENT TO OUTSIDE LOUVER POWER BY -1.
- CHLORINE & ACID METERING PUMPS TO BE PULSAFEEDER OR OTHER NATIONALLY RECOGNIZED MFR. WITH MATERIALS RECOMMENDED FOR EACH DUTY, MANUAL STROKE & SPEED ADJUSTMENT.
- POOL PUMP MODEL CHK-75, PENTAIR OR EQUAL.
- STAINLESS STEEL GUTTER SYSTEM BY NATARE, DURATECH OR EQUAL, 5 YEARS WARRANTEE.
- MAGNETIC FLOW METER
- POOL INLET JETS POOLINE POOL JET.
- HOT BOX ALUMINUM, INSULATED & HEATED, BY HUBBELL POWER SYSTEMS.
- FLOW SENSORS & MONITOR TO START/STOP METERING PUMPS, SUPPLIED BY E-1 FOR INSTALLATION BY G-1 & POWER/CONTROL BY E-1, GF SIGNET 575 PR EQUAL WALL MOUNTED 5090 FLOOR MONITOR.
- MAIN POOL DRAINS 16" SQUARE STAINLESS STEEL, JOSAM 45830 WITH S.S. GRATE, 6" DRAIN CONNECTION
- KADDERS INTERFAB DESIGNER 3 THREAD LADDER WITH S.S. STEPS.
- MURIATIC ACID & CHLORINE TANKS 50 GALLON DOUBLE WALL # 52752 RECREONICS INC. OR EQUAL
- SURGE TANK PREFAB CONCRETE LAKELANDS KISTNER OR EQUAL WITH DESIGN CERTIFICATION
- HANDICAPPED LIFE TO BE INSTALLED IN LOCATION DIRECTED, BY PAL 1000 PORTABLE POOL LIFT.
- POOL SKIMMER
- WOOD TRUSSES CERTIFIED BY MANUFACTURER FOR ROOF DEAD LOAD + 60 PSF LIVE LOAD + 15 PSF WIND LOAD.
- HAND RAILING TO BE SEAMLESS WELDED TYPE 304 S.S.
- CHECK, BALL, WAFER & GATE VALVES TO BE CLOW OR EQUAL SUBMIT FOR APPROVAL PRIOR TO ORDER, PVC OR S.S. WETTED PARTS.
- RP2 SUPPLY, INSTALLATION TESTING & CERTIFICATION BY P-1, HOT BOX INSTALLED UNDER G-1 ON MINIMUM 18" COMPACTED #1/#2 CRUSHED STONE BASE, E-1 TO PROVIDE POWER.

IMPORTANT NOTE:
Refer to the Department of Health approval certificate and/or cover letter for SPECIAL CONDITIONS regarding this approval.

LIST OF DRAWINGS

DRAWING # / PAGE #	TITLE
CS-1/0	COVER SHEET, WITH CONTENTS, GENERAL NOTES, AND ABBREVIATIONS
S-0/1	OVERALL GENERAL SITE PLAN
S-1/2	SITE PLAN OF POOL AREA AND DRY WELL DETAIL
S-2/3	SITE PLAN OF DRIVEWAY, PARKING AREA, LIQUID PROPANE STORAGE TANK, PLUMBING P-1 WATER, SEWER & PROPANE
S-3/4	PROPANE TANK, CONCRETE PAD AND ENCLOSURE DETAIL
DET-1/5	MISC. SITE DETAILS
DET-2/6	PROJECT GRADING, EROSION CONTROL NOTES AND WATER SERVICE NOTES AND INSULATION DETAILS, TRENCH DRAIN DETAIL
SW-1/7	POOL EQUIPMENT PLAN, WORK AND SUPPLY SCHEDULES
A-1/8	BATH HOUSE ELEVATIONS
ST-1/9	FLOOR SLAB, WALL/DOORS & FOUNDATION PLAN, SECTIONS & NOTE
ST-2/10	SWIMMING POOL WALL & ROOF STRUCTURE SECTIONS
ST-3/11	BATH HOUSE ROOF DETAILS
ST-4/12	SWIMMING POOL STRUCTURE PLAN
ST-5/13	SWIMMING POOL STRUCTURE SECTIONS & GUTTER DETAILS
ST-6/14	SWIMMING POOL STAIR DETAIL & SECTION AND KID POOL SECTION & STEPPLAN
ST-7/15	POOL CONSTRUCTION JOINTS (CJ) & EXPANSION JOISTS (EJ) DETAILS
SPP-1/16	SWIMMING POOL PIPING PLAN - RECIRCULATION LINES
SPP-1A/17	SWIMMING POOL PIPING PLAN - DRAIN (RETURN) LINES
SPP-2/18	SWIMMING POOL EQUIPMENT AND PIPING PLAN AND ELEVATIONS INTERIOR
SPP-3/19	SWIMMING POOL SURGE TANK PLAN & SECTIONS
SPP-4/20	INLET SYSTEM AND RECIRCULATION LINE CONNECTIONS
SPP-5/21	POOL OVERFLOW GUTTER SYSTEM AND DRAIN(RETURN) PIPING SECTIONS.
P-1/22	BATH HOUSE WATER LINES, PLUMBING, FIXTURE, POOL FILL SYSTEM AND DRAIN SYSTEM
E-1/23	ELECTRICAL SITE PLAN, SCHEMATICS, AND DETAILS
E-2/24	ELECTRICAL SITE PLAN AND FILTER ROOM SUB-PANEL SCHEDULE

ABBREVIATION AND NOMENCLATURE

TYP. = TYPICAL	MIN. = MINIMUM	REQ(D) = REQUIRED
LP. = LIQUID PROPANE	CONC. = CONCRETE	NEC. = NECESSARY
MFR. = MANUFACTURED	S.S. = STAINLESS STEEL	C.S. = CURB STOP
CC. = CENTER TO CENTER (DIMENSION)	PVC = POLYVINYL CHLORINE	SPEC@ = SPECIFICATION (SPECIFIED)
N.T.S. = NOT TO SCALE	GPM = GALLONS PER MINUTE	ST. = STEEL
SCH. = SCHEDULE	S.F. = SQUARE FEET	MFR. = MANUFACTURER
W/C = WATER TO CEMENT (RATIO)	W.S. = WATER SERVICE	CR.ST. = CRUSHED STONE
H.C. = HANDICAP	CL. = CENTER LINE	C.M.U. = CAST MASONRY UNIT (CONCRETE BLOCK)
EXP.N. = EXPANSION	DIA. = DIAMETER	L.S. = LIVE LOAD
BD. = BEND	C.O. = CLEAN OUT	D.S. = DEAD LOAD
	DRW(G) = DRAWING	R.O.B. = RUNOFF BANK
		O.C.F. = OWENS CORNING FOAMULAR

FINISH LEGEND

CONCRETE	NATURAL SOIL
CRUSHED STONE	STEEL
3/4" CEMENT BACKER BOARD & DIFFERENT FOR SAND	POOL WATER

RIGID INSULATION:

ALL RIGID INSULATION, INSULATION BOARD, DOW BOARD, FOAM INSULATION OR AS OTHERWISE CALLED OUT ON THE DRAWINGS SHALL BE OWENS CORNING FOAMULAR 1000 TYPE V EXTRUDED POLYSTYRENE INSULATION 3PCF, 100 PSI MINIMUM, OR EQUAL

NEW YORK STATE DEPARTMENT OF HEALTH
ONEONTA DISTRICT OFFICE
Dated: August 28, 2017
These plans for:
New swimming pools
are hereby approved by:
[Signature]
for the State Commissioner of Health

LAKESIDE ENGINEERING P.C.
11 CENTRE PARK, SUITE 305
ROCHESTER, NY 14614
PHONE 585.279.9300
lsengrpc.com
ARCHITECTURAL, CIVIL, ENVIRONMENTAL,
ELECTRICAL & MECHANICAL ENGINEERS

CLIENT:
TOWN OF DELHI, NEW YORK
5 ELM STREET
DELHI, NEW YORK 13753



NOTICE:
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REVISIONS:		
NO.	DATE	DESCRIPTION
1.		

PROJECT:
TOWN OF DELHI NEW YORK
MUNICIPAL SWIMMING POOL
& BATH HOUSE PROJECT

DRAWING TITLE:
COVER SHEET WITH
CONTENTS, GENERAL NOTES,
AND ABBREVIATIONS

DATE: 06/19/17
SCALE: NTS
DRAWN BY: S.D./J.X.
REVIEWED BY: R.P.
JOB ID: DT016-001
DRAWING NO:
SECTION/NO:
CS-1/0

TOWN OF DELHI, NEW YORK

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MAIN STREET
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DELAWARE COUNTY



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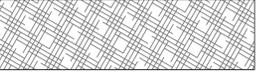
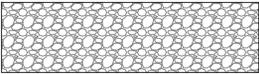
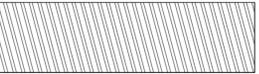
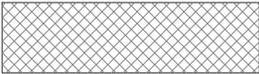
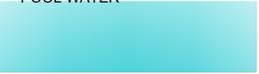
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FINISH LEGEND

CONCRETE 	NATURAL SOIL 
CRUSHED STONE 	STEEL 
3/4" CEMENT BACKER BOARD & DIFFERENT FOR SAND 	POOL WATER 

RIGID INSULATION:

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CLIENT:
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5 ELM STREET
DELHI, NEW YORK 13753



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MUNICIPAL SWIMMING POOL
& BATH HOUSE PROJECT

DRAWING TITLE:

COVER SHEET WITH
CONTENTS, GENERAL NOTES,
AND ABBREVIATIONS

DATE: 06/19/17

SCALE: NTS

DRAWN BY: S.D./J.X.

REVIEWED BY: R.P.

JOB ID: DT016-001

DRAWING NO:

SECTION/NO.

CS-1/0

CLIENT:
 TOWN OF DELHI, NEW YORK
 5 ELM STREET
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PROJECT:
 TOWN OF DELHI, NEW YORK
 MUNICIPAL SWIMMING POOL
 & BATH HOUSE PROJECT

DRAWING TITLE:
 OVERALL GENERAL
 SITE PLAN, FOR
 INFORMATION ONLY

DATE: 03/22/17
SCALE: 1" = 20'
DRAWN BY: J.L.M., ± S.D.
REVIEWED BY: R.P.
JOB ID: DT016-001

DRAWING NO:
SECTION NO. / SHEET NO.
 S-0 / 1

- PROJECT NOTES**
- THE CONTRACTOR SHALL LOCATE, MARK, SAFEGUARD, AND PRESERVE ALL SURVEY CONTROL MONUMENTS AND R.O.W. MONUMENTS IN THE AREA OF CONSTRUCTION. FOR DESCRIPTIVE AND SURVEY DATA ON THE CONTROL MONUMENTS, CALL THE MONROE COUNTY GEODETIC SURVEY OFFICE.
 - EXISTING UNDERGROUND UTILITIES SHOWN HEREON WERE PLOTTED FROM FIELD LOCATIONS AND/OR UTILITY COMPANY RECORD PLANS.
 - THE CONTRACTOR SHALL DETERMINE EXACT LOCATION AND ELEVATION OF UNDERGROUND UTILITIES BEFORE COMMENCING CONSTRUCTION.
 - CONTRACTOR SHALL MAKE EXPLORATION EXCAVATIONS TO LOCATE EXISTING UNDERGROUND FACILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS AS REQUIRED TO MEET EXISTING CONDITIONS.
 - SANITARY SEWER PIPE SHALL BE PVC SDR-21.
 WATER SERVICE SHALL BE 1/2" COPPER PIPE.
 DRAINAGE IS ACCOMPLISHED UTILIZING AN EXISTING SWALE.
 - EROSION CONTROL DEVICES TO BE ESTABLISHED PRIOR TO COMMENCING EARTHWORK. EROSION CONTROL DEVICES TO BE MAINTAINED BY THE CONTRACTOR UNTIL UPSTREAM GROUND COVER HAS BEEN ESTABLISHED AND REMOVAL IS APPROVED BY THE TOWN OF HENRIETTA.
 - OWNER WILL BRING SWIMMING POOL & BATHHOUSE AREA TO ROUGH GRADE AT START OF WORK.

- EROSION CONTROL**
- ALL STRAW BALES WILL BE USED ON STEEP SLOPES AND WHEREVER NECESSARY TO CONTROL EROSION AND SILTATION OF EXISTING DRAINAGE SYSTEMS AS ORDERED BY THE ENGINEER.
 - ALL INLETS TO THE STORM SYSTEM SHALL BE STRAW Baled ON ALL SIDES TO CONTROL SILTATION. THE UTILITY CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN THE BALES UNTIL GROUND COVER IS ESTABLISHED.
 - ALL EROSION CONTROL MEASURES TO BE IN ACCORDANCE WITH NEW YORK STATE GUIDELINES FOR URBAN EROSION AND SEDIMENT CONTROL.
 - EROSION CONTROL MEASURES SHALL BE IN PLACE AND SHALL BE APPROVED BY THE TOWN PRIOR TO ISSUANCE OF A FOUNDATION OR BUILDING PERMIT.
 - THE CONTRACTOR SHALL DESIGNATE A MEMBER OF HIS OR HER FIRM TO BE RESPONSIBLE TO MONITOR EROSION CONTROL MEASURES, TREE PROTECTION AND PRESERVATION THROUGHOUT CONSTRUCTION.
 - ALL DISTURBED AREAS SHALL BE PROTECTED FROM EROSION EITHER BY MULCH OR TEMPORARY SEEDING WITHIN TWO WEEKS OF DISTURBANCE.
 - ALL TREES TO BE SAVED SHALL BE PROTECTED WITH ORANGE CONSTRUCTION FENCING PLACED AT THE DRIP LINE OR A DISTANCE GREATER THAN THE DRIP LINE. TREES SHALL BE PRUNED, WATERED AND FERTILIZED PRIOR TO DURING AND AFTER CONSTRUCTION. MATERIAL AND EQUIPMENT STORAGE SHALL NOT BE ALLOWED IN FENCED AREAS.
 - ANY CONTRACTOR OR INDIVIDUAL INVOLVED IN THE PLANTING, MAINTENANCE OR REMOVAL OF TREES SHALL COMPLY WITH THE REQUIREMENTS OF THE TOWN'S COMPREHENSIVE DEVELOPMENT REGULATIONS FOR EXCAVATION AND CLEARING (CHAPTER 60, TREES (CHAPTER 175)) AND OTHER PERTINENT REGULATION. THE CONTRACTOR SHALL BE A REGISTERED TREES SERVICE PROVIDER WITH THE TOWN, SHALL CARRY INSURANCE AS REQUIRED BY CHAPTER 175 OF THE TOWN'S COMPREHENSIVE DEVELOPMENT REGULATION.

SITE PLAN OF SITE
SCALE 1" = 20'



PARKING AREA SITE
 DWG. S-02
 18' ONE WAY ROAD

44' FILL

ROAD TO BE
 REMOVED BY
 OWNER

POOL AREA SITE
 DWG. S-01

LIGHT POST, TYP.

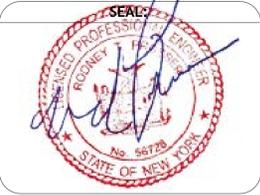
5' CONCRETE SIDEWALK
 WITH INTEGRAL CURB,
 UNDER CONTRACT G-1,
 GENERAL CONSTRUCTION

LIGHT POST, TYP.

ALTERED ROAD PATH



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REVISIONS:

NO.	DATE	DESCRIPTION
1.	7/31/17	REVISE WADING POOL SIZE 20' x 20'

PROJECT:
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DRAWING TITLE:
 SITE PLAN OF POOL AREA & DRY WELL DETAIL

DATE: 08/07/17
 SCALE: AS SHOWN
 DRAWN BY: S.D./J.J.X
 REVIEWED BY: R.P.
 JOB ID: DT016-001

DRAWING NO:
 SECTION NO./ SHEET NO.
S-1/2

LEGEND

EXISTING CONTOUR - - - - -

NEW CONTOUR ————

CHAIN LINK FENCE — x — x — x — x —

GRATE —————

SILT FENCE ○ — ○ — ○ — ○ — ○ —

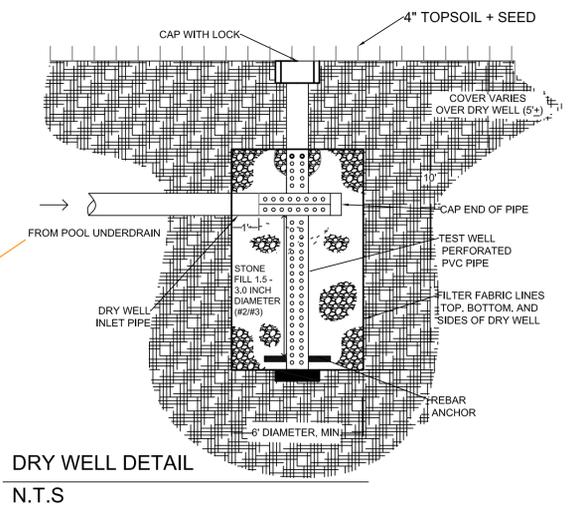
6" SANITARY SEWER LINE ————

2" GAS LINE ————

1369.10' SPOT ELEVATION X

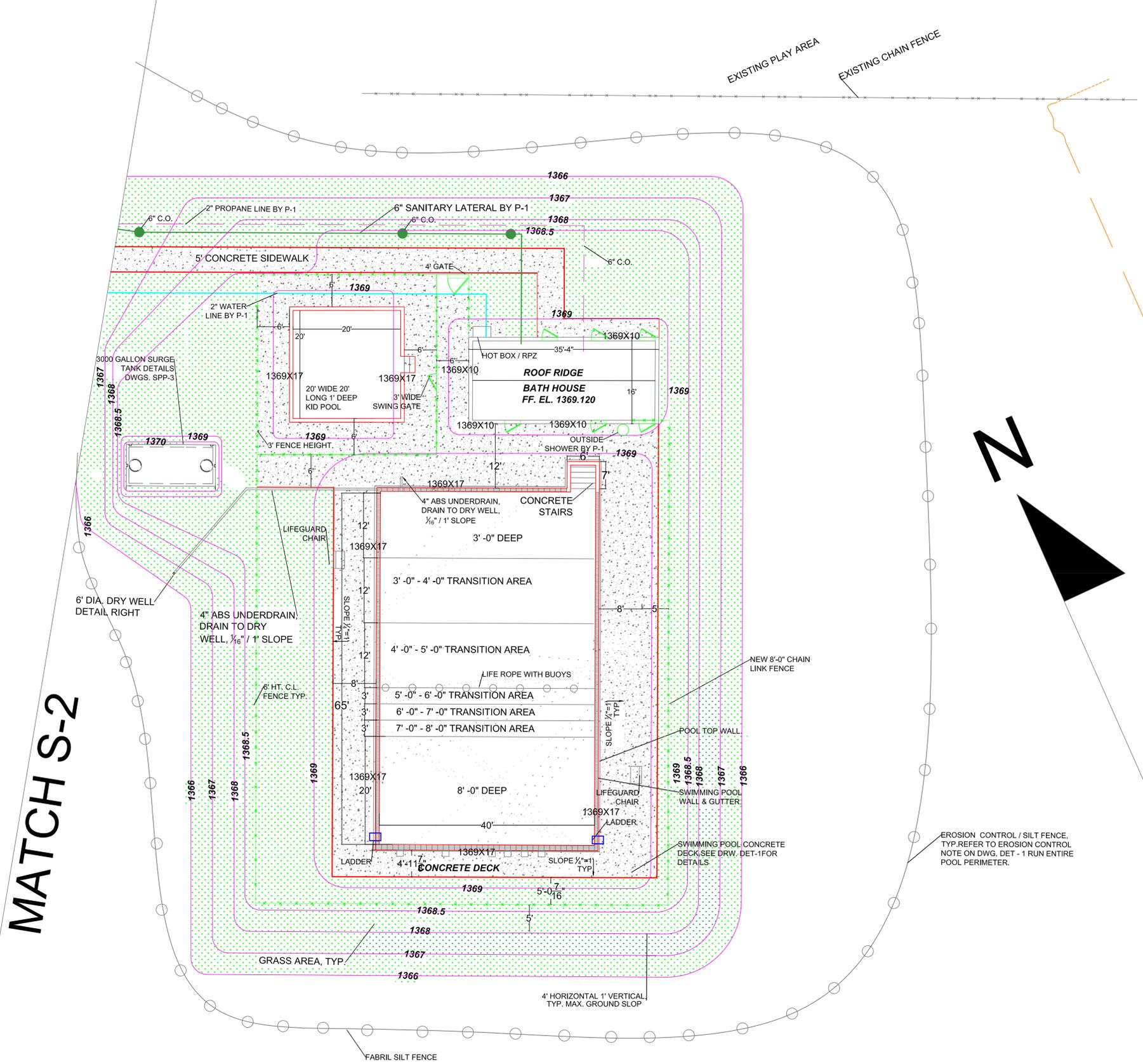
NOTE: THE EXISTING SITE WILL BE EXCAVATED OF DEMOLITION & DEBRIS MATERIAL TO AN APPROX. 8'0" DEPTH. CLEAN SELECT FILL MATERIALS WILL THEN BE PROVIDED BY OTHERS, FULLY COMPACTED, TO THE APPROXIMATE POOL BOTTOM ELEVATIONS SHOWN MINUS ONE FT. (+/-), HEREON. ALL EROSION MANAGEMENT, GRADING, TOP SOIL, SEEDING, & OTHER WORK FOR FINAL COMPLETION SHALL BE BY CONTRACT G-1

NOTE: TOWN WILL FILL SITE TO APPROXIMATE GRADES REQUIRED FOR CONSTRUCTION, CONTRACTOR DOES FINAL GRADING, TOPSOIL, SEED, ETC.

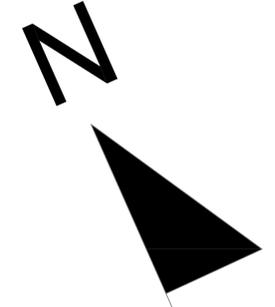


DRY WELL DETAIL
 N.T.S

SITE PLAN OF POOL AREA
 SCALE 1" = 10'



MATCH S-2



EROSION CONTROL / SILT FENCE, TYP. REFER TO EROSION CONTROL NOTE ON DWG. DET - 1 RUN ENTIRE POOL PERIMETER.

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 DELHI, NEW YORK 13753



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REVISIONS:

NO.	DATE	DESCRIPTION
1.		

PROJECT:
 TOWN OF DELHI NEW YORK
 MUNICIPAL SWIMMING POOL
 & BATH HOUSE PROJECT

DRAWING TITLE:
 SITE PLAN OF DRIVEWAY &
 PARKING AREA & LIQUID
 PROPANE STORAGE TANK,
 PLUMBING P-1 WATER,
 SEWER & PROPANE

DATE: 03/23/17
 SCALE: 1"=10'
 DRAWN BY: S.D./J.X.
 REVIEWED BY: R.P.
 JOB ID: DT016-001

DRAWING NO:
 SECTION NO./
 SHEET NO.
S-2/3

LEGEND

OLD CONTOUR

NEW CONTOUR

CHAIN LINK FENCE

CONTRACT LIMIT FOR G-1

VILLAGE SANITARY SEWER & MANHOLE

NEW 6" SANITARY SEWER LINE (P-1)

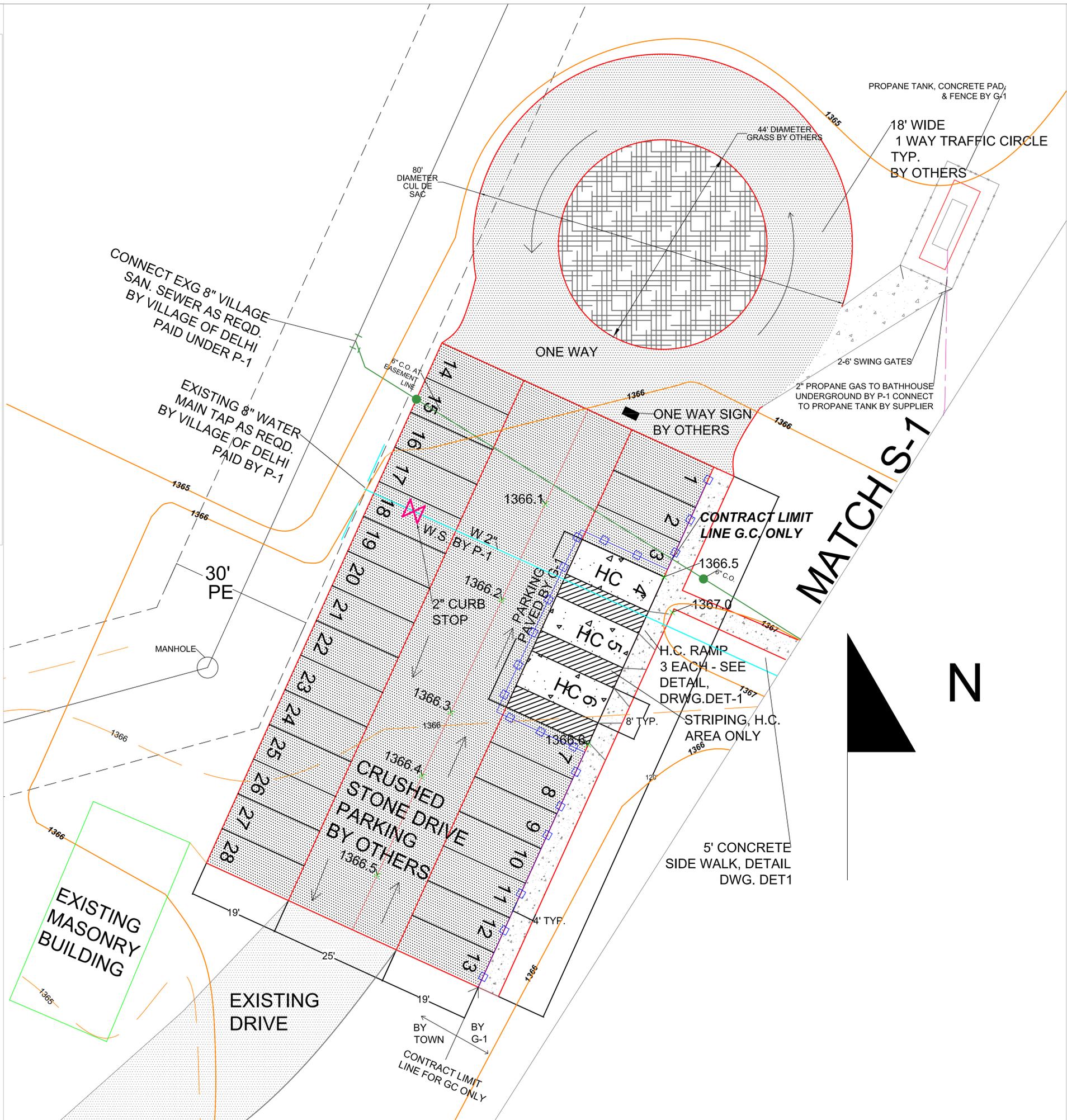
2" GAS LINE (P-1)

2" WS LINE (P-1)

2" WS

NOTE: G-1 CONTRACT INCLUDES SIDEWALK, PROPANE TANK WORK, (PORTABLE TANK BY OTHERS) SIDEWALK, ASPHALT, HANDICAPPED PARKING, & NECESSARY LANDSCAPING ONLY TO CONTRACT LIMIT LINE SHOWN. P-1 TO PROVIDE WATER LINE SEWER LINE & PROPANE LINE WORK

SITE PLAN OF PARKING AREA
 SCALE 1"=10'



MATCH S-7

N

CLIENT:
 TOWN OF DELHI, NEW YORK
 5 ELM STREET
 DELHI, NEW YORK 13753



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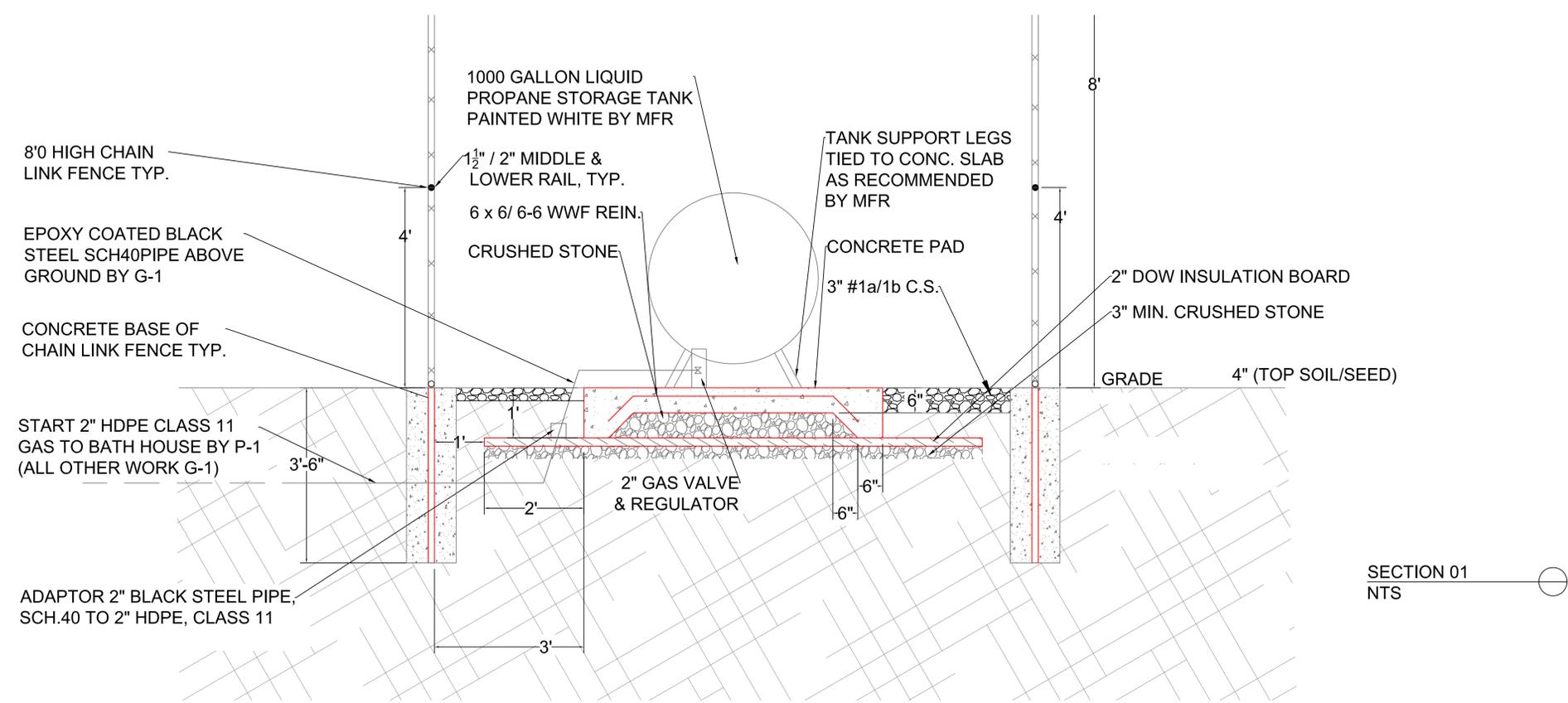
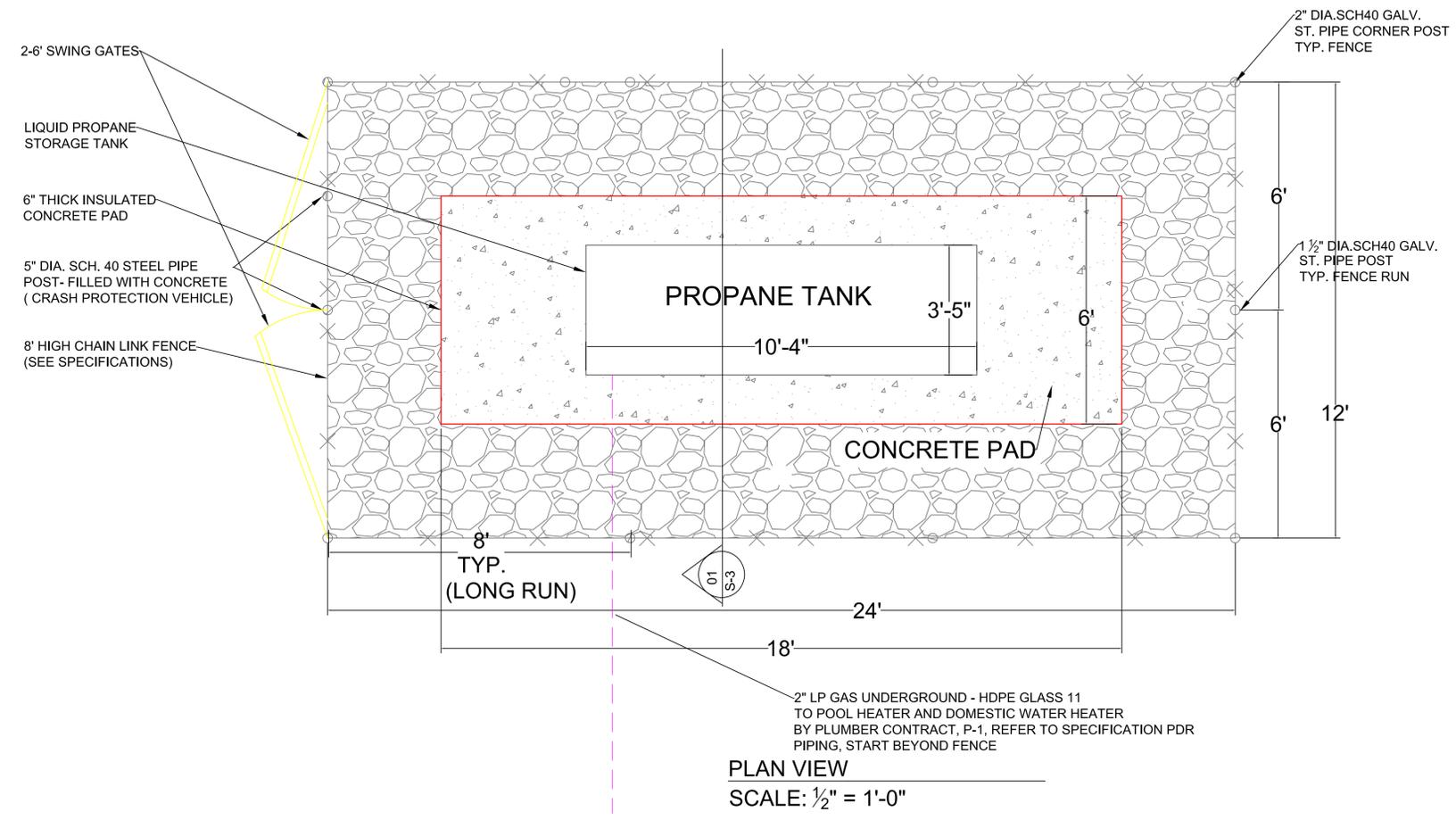
REVISIONS:

NO.	DATE	DESCRIPTION
1.		

PROJECT:
 TOWN OF DELHI NEW YORK MUNICIPAL SWIMMING POOL & BATH HOUSE PROJECT

DRAWING TITLE:
 PROPANE TANK, CONCRETE PAD, ENCLOSURE

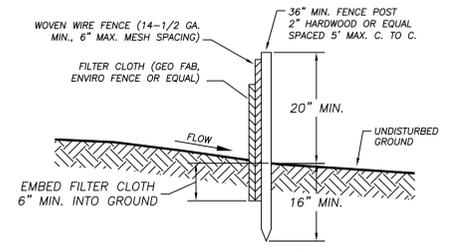
DATE: 03/15/17	DRAWING NO: SECTION NO. / SHEET NO. S-3/4
SCALE: AS SHOWN	
DRAWN BY: S.D./J.X.	
REVIEWED BY: R.P.	
JOB ID: DT016-001	



NOTE 1:
 REPLACE PAVEMENT IN THICKNESS AND KIND,
 OR AS REQUIRED BY APPROPRIATE AUTHORITY.

NOTE 2:
 A. BEDDING FOR STORM SEWER PIPE:
 NO. 1 STONE FROM 6" BELOW TO SPRINGLINE OF PIPE,
 NO DIRECT PAVEMENT. CONTINUE BEDDING TO ONE FOOT
 OVER PIPE WHERE DIRECTED BY THE ENGINEER (ITEM 19.1).

GENERAL NOTES:
 1. FULL DEPTH 1" R.O.C. STONE MAY BE REQUIRED
 WHEN ANY PART OF THE TRENCH EXCAVATION IS IN
 DRIVEWAY, SIDEWALK, SHOULDER OR WITHIN FIVE
 FEET OF THE PAVEMENT EDGE, OR AS ORDERED
 BY THE ENGINEER. (ITEM 19.2 OR 19.2)

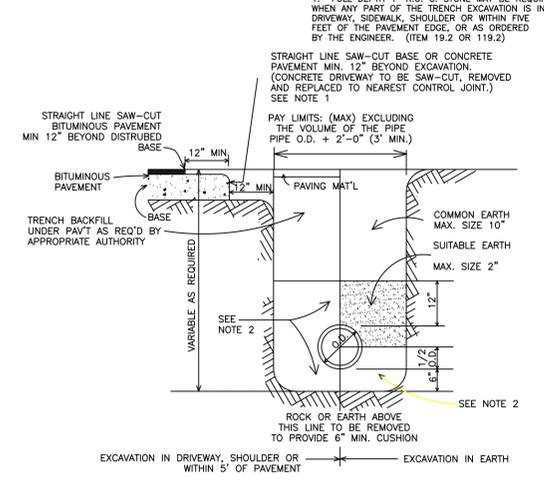


POSTS: STEEL, EITHER T OR U TYPE OR 2" HARDWOOD.
FENCE: WOVEN WIRE, 14-1/2 GAUGE, 6" MAX. MESH OPENING.
FILTER CLOTH: FILTER X, MIRAFI 100X, STABILINKA T140N OR
 PREFABRICATED GEOFAB, ENVIRONFENCE OR APPROVED EQUAL.

CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

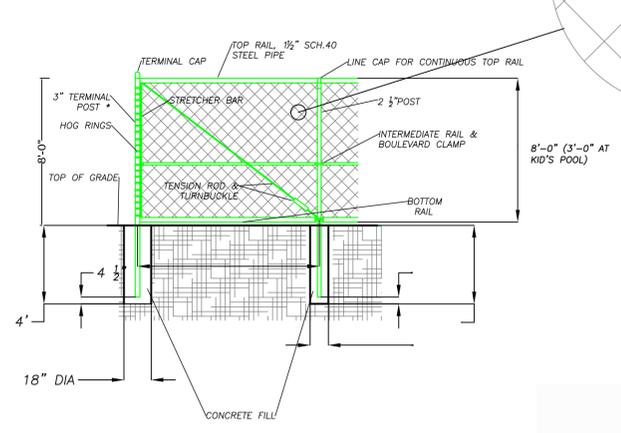
- WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
- FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
- MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN 'BULGES' DEVELOP IN THE SILT FENCE.

SILT FENCE DETAIL
 NOT TO SCALE

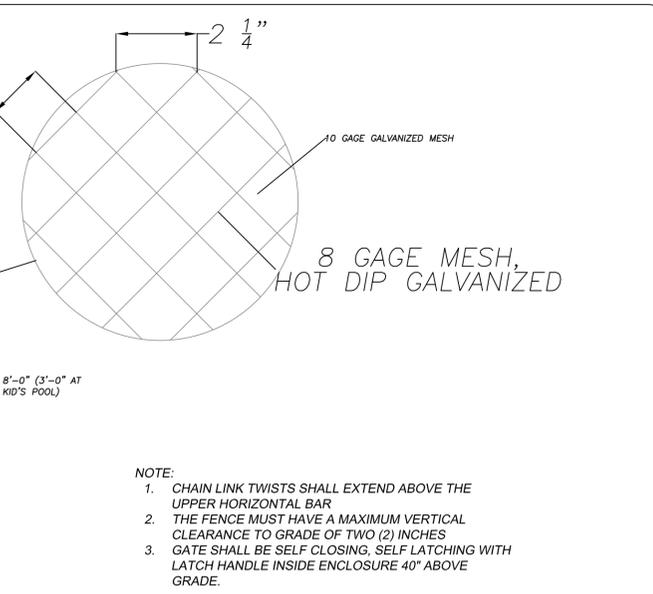


GRAVITY PIPE TRENCH DETAIL
 NOT TO SCALE

* EXCEPT WHERE OTHERWISE SHOWN ON PLAN

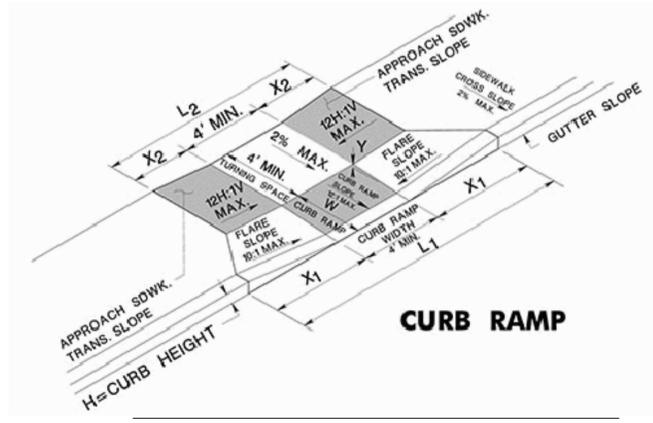


CHAIN LINK FENCE DETAIL
 NOT TO SCALE

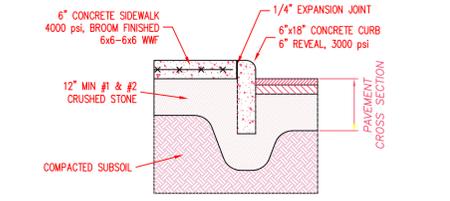


NOTE:

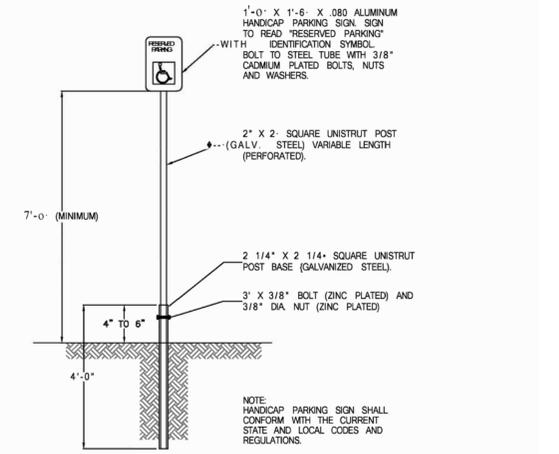
- CHAIN LINK TWISTS SHALL EXTEND ABOVE THE UPPER HORIZONTAL BAR
- THE FENCE MUST HAVE A MAXIMUM VERTICAL CLEARANCE TO GRADE OF TWO (2) INCHES
- GATE SHALL BE SELF CLOSING, SELF LATCHING WITH LATCH HANDLE INSIDE ENCLOSURE 40" ABOVE GRADE.



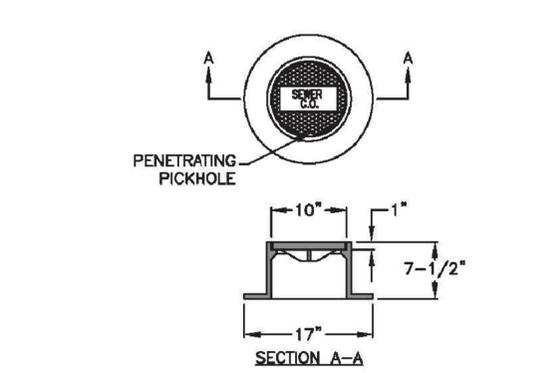
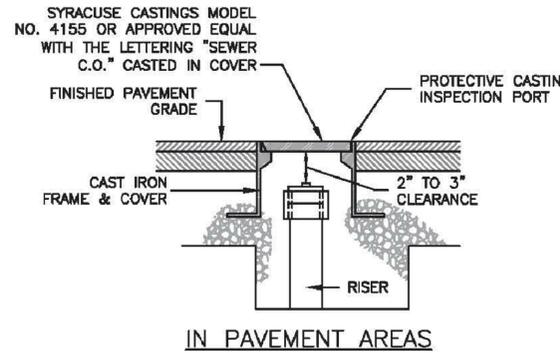
CURB RAMP
 NOT TO SCALE



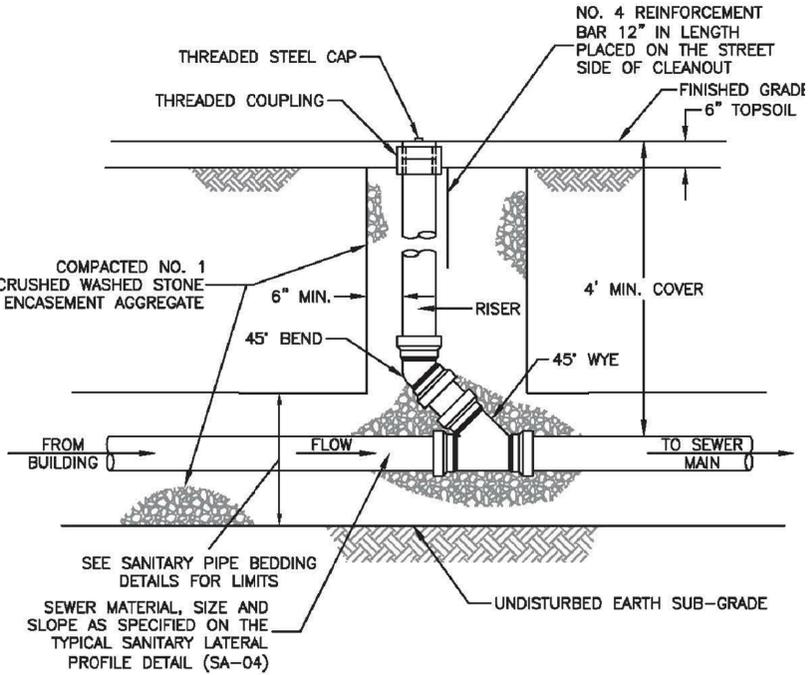
SIDEWALK w/ INTEGRAL CURB
 NOT TO SCALE



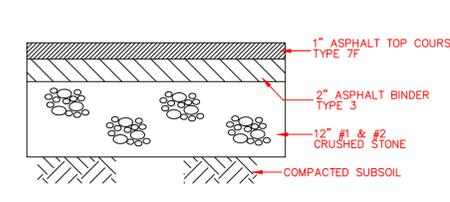
HANDICAP SIGN
 NOT TO SCALE



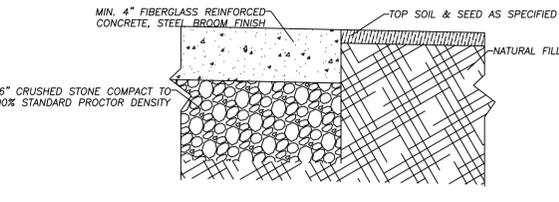
PROTECTIVE CASTING INSPECTION PORT
 NOT TO SCALE



SEWER CLEANOUT DETAIL
 NOT TO SCALE



TYP. PAVEMENT X-SECTION
 NOT TO SCALE



TYP. POOL DECK X-SECTION
 NOT TO SCALE

CLIENT:
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 5 ELM STREET
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REVISIONS:

NO.	DATE	DESCRIPTION
1.		

PROJECT:

TOWN OF DELHI NEW YORK
 MUNICIPAL SWIMMING POOL
 & BATH HOUSE PROJECT

DRAWING TITLE:

MISCELLANEOUS SITE
 DETAILS

DATE: 06/26/17
SCALE: NTS
DRAWN BY: S.D./J.X.
REVIEWED BY: R.P.
JOB ID: DT016-001

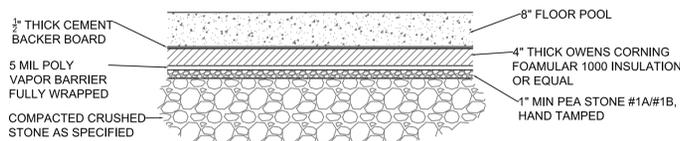
DRAWING NO:
 SECTION NO./
 SHEET NO.
DET-1/5

PROJECT NOTES

- ALL IMPROVEMENTS SHALL BE IN ACCORDANCE WITH THE MOST RECENT STANDARDS AND SPECIFICATIONS OF THE TOWN OF DELHI, AND/OR THE APPROPRIATE WATER AND/OR SEWER AND/OR DRAINAGE DISTRICT(S), UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL LOCATE, MARK, SAFEGUARD, AND PRESERVE ALL SURVEY CONTROL MONUMENTS AND R.O.W. MONUMENTS IN THE AREA OF CONSTRUCTION. FOR DESCRIPTIVE AND SURVEY DATA ON THE CONTROL MONUMENTS, CALL THE MONROE COUNTY GEODETIC SURVEY OFFICE.
- EXISTING UNDERGROUND UTILITIES SHOWN HEREON WERE PLOTTED FROM FIELD LOCATIONS AND/OR UTILITY COMPANY RECORD PLANS.
- THE CONTRACTOR SHALL DETERMINE EXACT LOCATION AND ELEVATION OF UNDERGROUND UTILITIES BEFORE COMMENCING CONSTRUCTION.
- CONTRACTOR SHALL MAKE EXPLORATION EXCAVATIONS TO LOCATE EXISTING UNDERGROUND FACILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS AS REQUIRED TO MEET EXISTING CONDITIONS.
- SANITARY SEWER PIPE SHALL BE PVC SDR-21. WATER SERVICE SHALL BE 2" COPPER PIPE. DRAINAGE IS ACCOMPLISHED UTILIZING AN EXISTING SWALE.
- EROSION CONTROL DEVICES TO BE ESTABLISHED PRIOR TO COMMENCING EARTHWORK. EROSION CONTROL DEVICES TO BE MAINTAINED BY THE CONTRACTOR UNTIL UPSTREAM GROUND COVER HAS BEEN ESTABLISHED AND REMOVAL IS APPROVED BY THE TOWN OF DELHI
- ALL ROOF DRAINS SHALL BE CARRIED BY DOWN SPOUTS TO SPLASH BLOCKS.
- UPON COMPLETION OF THE PROJECT, AS BUILT PLANS OF THE COMPLETED SITE WORK, BUILDING LOCATION, AND LANDSCAPING SHALL BE FURNISHED ON BY THE OWNER PRIOR TO THE ISSUANCE OF THE CERTIFICATE OF OCCUPANCY, SUCH PLANS SHALL BE FILED WITH THE TOWN BUILDING DEPARTMENT.
- PINNING OF LOT CORNERS SHALL BE COMPLETED BEFORE THE ISSUANCE OF THE CERTIFICATE OF OCCUPANCY.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO IMPLEMENT SUITABLE DUST CONTROL MEASURES ON ALL GRAVEL OR STONE PARKING AREAS & ROADWAY SURFACES TO SATISFY TOWN REQUIREMENTS.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT ADEQUATE EROSION CONTROL MEASURES ARE INSTALLED TO PREVENT THE MIGRATION OF SOILS FROM THIS SITE.

EROSION CONTROL

- LINEAR STRAW BALES WILL BE USED ON STEEP SLOPES AND WHEREVER NECESSARY TO CONTROL EROSION AND SILTATION OF EXISTING DRAINAGE SYSTEMS AS ORDERED BY THE ENGINEER.
- ALL INLETS TO THE STORM SYSTEM SHALL BE STRAW BALED ON ALL SIDES TO CONTROL SILTATION. THE UTILITY CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN THE BALES UNTIL GROUND COVER IS ESTABLISHED.
- ALL EROSION CONTROL MEASURES TO BE IN ACCORDANCE WITH NEW YORK STATE GUIDELINES FOR URBAN EROSION AND SEDIMENT CONTROL.
- EROSION CONTROL MEASURES SHALL BE IN PLACE AND SHALL BE APPROVED BY THE TOWN PRIOR TO ISSUANCE OF A FOUNDATION OR BUILDING PERMIT.
- THE CONTRACTOR SHALL DESIGNATE A MEMBER OF HIS OR HER FIRM TO BE RESPONSIBLE TO MONITOR EROSION CONTROL MEASURES, TREE PROTECTION AND PRESERVATION THROUGHOUT CONSTRUCTION.
- ALL DISTURBED AREAS SHALL BE PROTECTED FROM EROSION EITHER BY MULCH OR TEMPORARY SEEDING WITHIN TWO WEEKS OF DISTURBANCE.
- ALL TREES TO BE SAVED SHALL BE PROTECTED WITH ORANGE CONSTRUCTION FENCING PLACED AT THE DRIP LINE OR A DISTANCE GREATER THAN THE DRIP LINE. TREES SHALL BE PRUNED, WATERED AND FERTILIZED PRIOR TO, DURING AND AFTER CONSTRUCTION. MATERIAL AND EQUIPMENT STORAGE SHALL NOT BE ALLOWED IN FENCED AREAS.



POOL FLOOR FOAM BOARD INSULATION TREATMENT DETAIL
N.T.S.

GRADING

- ALL SITE ROUGH GRADING SHALL BE COMPLETED BEFORE NEW CONSTRUCTION CAN PROCEED.

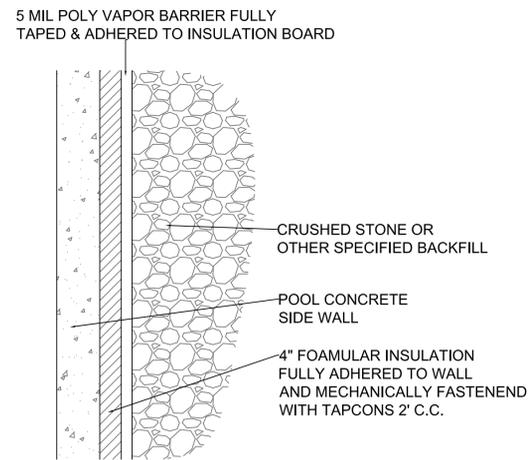
EROSION AND SEDIMENT CONTROL/CONSTRUCTION SEQUENCE

PRIOR TO STARTING CONSTRUCTION AND DISTURBING THE SITE, THE GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR ESTABLISHING THE TEMPORARY STABILIZED CONSTRUCTION ENTRANCE IN THE LOCATION OF THE PROPOSED ENTRANCE & ESTABLISHING THE PERIMETER SILTATION FENCING. ONCE THESE MEASURES ARE IN PLACE, THE GENERAL CONTRACTOR CAN THEN PERFORM NECESSARY CLEARING AND CONSTRUCTION ON THE SITE. STOCKPILED TOPSOIL IS TO BE STORED AT THE REAR AND PROTECTED BY ITS OWN STOCKPILE PERIMETER SILTATION FENCE. EXCESS SPOIL IS TO BE IMMEDIATELY REMOVED FROM THE SITE.

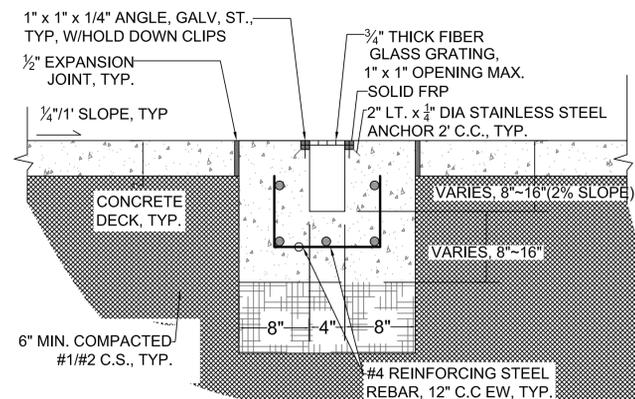
WHENEVER ACTIVITIES TEMPORARILY CEASE DURING CONSTRUCTION, SOIL STOCKPILES AND EXPOSED SOIL SHOULD BE STABILIZED BY SEED, MULCH OR OTHER APPROPRIATE MEASURES AS SOON AS POSSIBLE, BUT IN NO CASE MORE THAN 14 DAYS AFTER CONSTRUCTION ACTIVITIES HAVE CEASED. FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR TEMPORARY, STABILIZATION SHOULD BE COMPLETED WITHIN 14 DAYS OR AS SOON AS POSSIBLE. TEMPORARY OR PERMANENT STABILIZATION MEASURES SHALL BE APPLIED IMMEDIATELY ON ALL DISTURBED AREAS WHERE WORK IS DELAYED OR COMPLETED. DURING CONSTRUCTION ACTIVITIES, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR MAINTAINING AND INSPECTING EROSION AND SEDIMENT CONTROL MEASURES ON A DAILY BASIS. ROUTINE MAINTENANCE MUST BE IDENTIFIED ON THE CONSTRUCTION SCHEDULE AND PERFORMED ON A REGULAR BASIS AND AS SOON AS PROBLEM IS IDENTIFIED. DURING CONSTRUCTION ACTIVITIES, THE GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR CONDUCTING ANY MAINTENANCE. THIS PERIOD SHALL INCLUDE ALL THE REQUIRED SITE AND BUILDING CONSTRUCTION IMPROVEMENTS. NO SEDIMENTATION CONTROL DEVICE MAY BE REMOVED WITHOUT APPROVAL OF THE TOWN. WHEN GROUND COVER IS FULLY ESTABLISHED AND CONSTRUCTION IS DEEMED COMPLETE, THEN MAY EROSION CONTROL DEVICES AND CONSTRUCTION FENCING BE REMOVED. PRIOR TO REMOVAL OF EROSION MANAGEMENT SYSTEM, TOPSOIL, SEEDING AND DEVELOPMENT OF GRASSED AREAS IS REQUIRED TO THE SATISFACTION OF THE TOWN.

IN ORDER TO FINALIZE GRADING AND LANDSCAPING, ALL OPEN AREAS INCLUDING BORROW AND SPOIL AREAS MUST BE STABILIZED. STABILIZATION MUST BE UNDERTAKEN NO LATER THAN 14 DAYS AFTER CONSTRUCTION ACTIVITIES HAVE CEASED. NO TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES MAY BE REMOVED WITHOUT APPROVAL FROM THE TOWN OFFICIALS.

ALL ELEVATIONS USGS DATUM, 1988



POOL SIDEWALL FOAM BOARD INSULATION DETAIL N.T.S.



TRENCH DRAIN DETAIL
N.T.S.

PUBLIC WATER SERVICE LINE NOTES

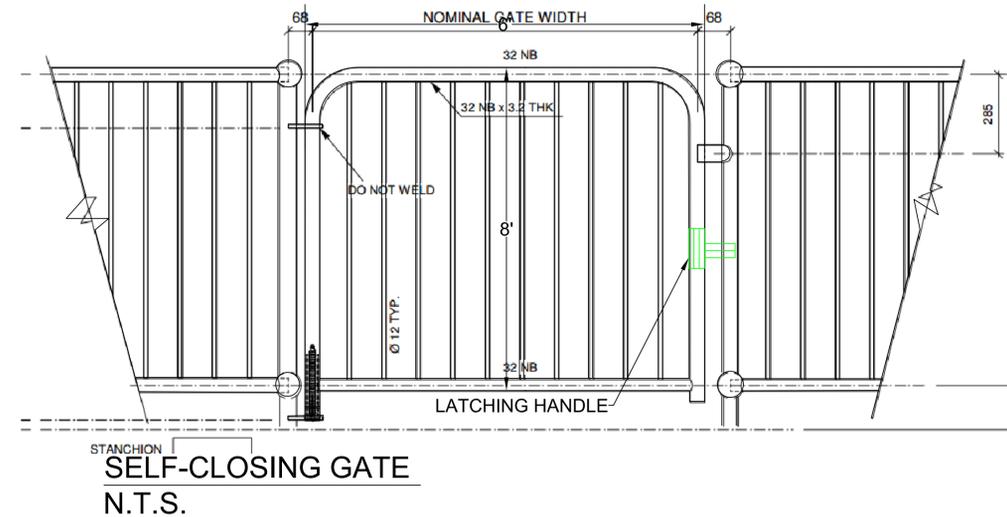
USE THESE NOTES FOR WATER SERVICE SIZED 1", 1-1/2, 2" ONLY. SERVICE CONNECTIONS ARE TO BE TAPPED OFF AND EXISTING WATER MAIN.

- Water service lines (laterals) shall be constructed in accordance with the regulations and specifications of the Village of Delhi.
- Water service lines shall have minimum of five feet of cover from finished grade in lawn areas and six feet of cover from finished grade in paved areas.
- Water service lines shall be separated at least ten feet, measured from the outside of pipes, from sewer mains or septic systems.
- Water service line shall be identified as:

DESCRIPTION	SIZE ^(a)	MATERIAL ^(b)	TYPE ^(c)
VILLAGE Portion = from the water main to and including the control valve on the ROW/property/easement line	2"	Type "K" Copper	D
Private portion = from the control valve to the meter	2"	PE, #3408, SDR 9, ASTM 2737, NSF-PW, 200 PSI	D

- Minimum size is 1- inch.
- Acceptable material for private portion is either Type "K" Copper or polyethylene plastic, PE, #3408, SDR 9, ASTM 2737, NSF-PW, 200 PSI
- Service Type include: Domestic = DS, Fire = FS. or combined = CMB

- Water meter(s) to be located on the interior of exterior wall(s) immediately upon service entrance into the building(s). When service length exceeds 500 ft or installed adjacent to /through wetlands, marshy areas, or ponds a meter tile (for 3/8" or 1" meters) or meter pit (for > than 1" meter) is required.
- The private portion of the service line must be installed prior to the installations of the village portion of the service line.
- All private water service to be installed in compacted select dry earth or sand.



NOTE:
THE LATCH HANDLE LOCATED WITHIN THE ENCLOSURE AND AT LEAST 40 INCHES ABOVE GRADE

CLIENT:
TOWN OF DELHI, NEW YORK
5 ELM STREET
DELHI, NEW YORK 13753



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REVISIONS:		
NO.	DATE	DESCRIPTION
1.	6/16/2017	ADD SELF-CLOSING GATE DETAIL & NOTE

PROJECT:
TOWN OF DELHI, NEW YORK
MUNICIPAL SWIMMING POOL
& BATH HOUSE PROJECT

DRAWING TITLE:
PROJECT GRADING, EROSION CONTROL NOTES, WATER SERVICE NOTES & INSULATION DETAILS POOL, TRENCH DRAIN DETAIL, SELF CLOSING GATE & DETAIL

DATE: 06/16/17	DRAWING NO:
SCALE: N.T.S.	SECTION NO./ SHEET NO.
DRAWN BY: J.X.	DET-2/6
REVIEWED BY: R.P.	
JOB ID: DT016-001	

CLIENT:
 TOWN OF DELHI, NEW YORK
 5 ELM STREET
 DELHI, NEW YORK 13753



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REVISIONS:

NO.	DATE	DESCRIPTION
1.	7/31/17	REVISE TO FEET DEEP

PROJECT:

TOWN OF DELHI, NEW YORK
 MUNICIPAL SWIMMING POOL
 & BATH HOUSE PROJECT

DRAWING TITLE:

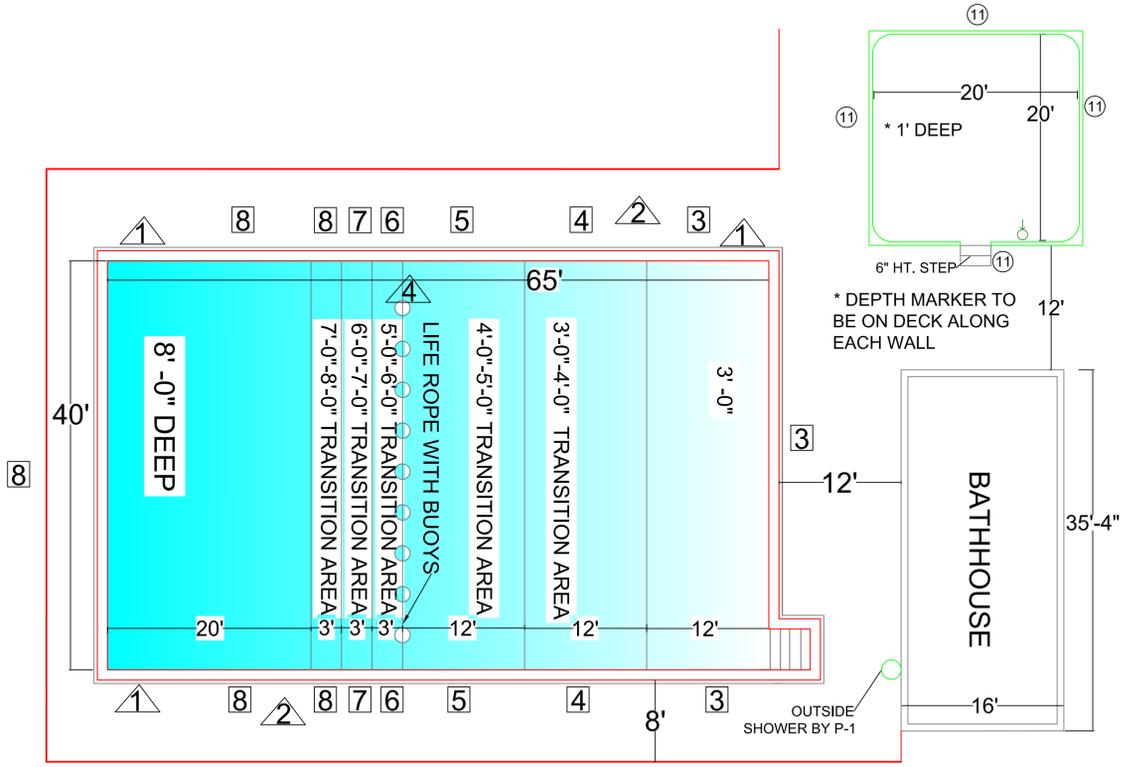
POOL EQUIPMENT PLAN
 WORK & SUPPLY SCHEDULES

DATE: 08/04/17
 SCALE: AS SHOWN
 DRAWN BY: S.D./J.X.
 REVIEWED BY: R.P./J.X.
 JOB NO: DT016-001
 DRAWING NO:
 SECTION NO./ SHEET NO.
 SW-1/7

SAFETY EQUIPMENT

ITEM#	QTY.	DESCRIPTION
①	1	24 UNIT FIRST AID KIT
②	2	RESCUE TUBE
③	2	REACHING POLE
④	1	SPINE BOARD
⑤	1	24" LIFE RING
⑥	1	HEAVING LINE
⑦	1	FIRST AID BLANKET
⑧	1	HEAD IMMOBILIZE
⑨	1	SAFETY GOGGLES
⑩	1	SAFETY GLOVES
⑪	1 LOT	POOL HANDRAIL *

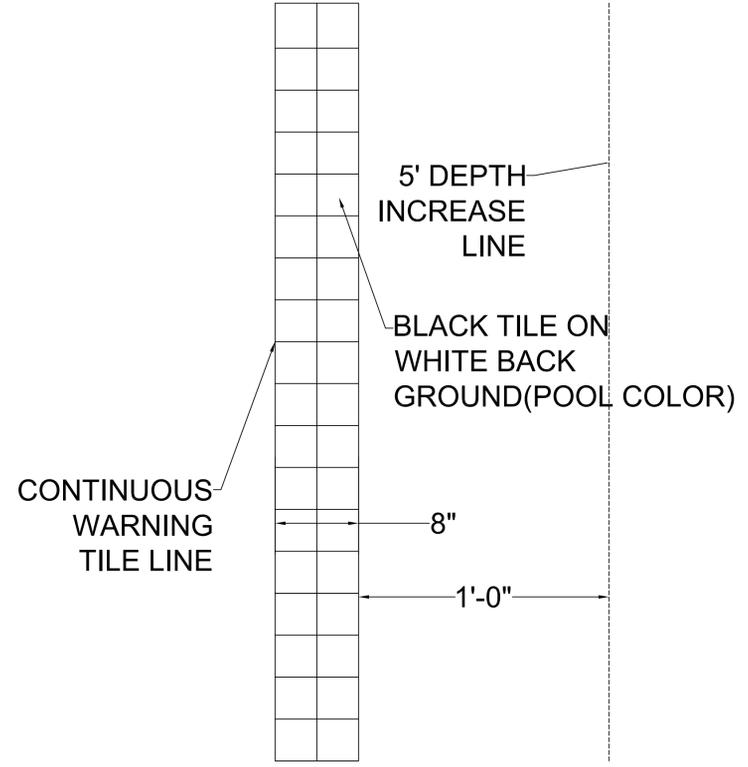
* PROVIDE ALONG INTERIOR OF ENTIRE POOL WALL, LAVI INDUSTRIES 1 1/2" ST. STEEK HANDRAIL OR EQUAL



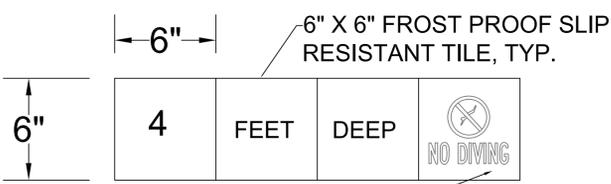
SWIMMING POOL PLAN VIEW (MARKINGS AND EQUIPMENT)

1/16" = 1'0"

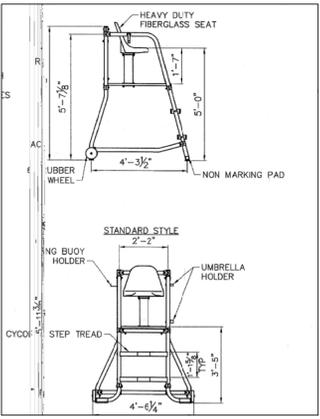
NOTE: BOTH POOLS WILL BE NEED TO BE CLOSED IN THE EVENT OF FECAL INCIDENT SINCE THE WADING POOL AND MAIN POOL ARE PROPOSED USE THE SAME TREATMENT SYSTEM AND SURGE TANK



WARNING LINE TILE DETAIL
 N.T.S.



DEPTH MARKER DETAIL, RECREONICS 12622 OR EQUAL
 N.T.S.



PORTABLE LIFEGUARD CHAIR DETAIL
 N.T.S.

MAINTENANCE EQUIPMENT

QTY.	CAT. NO.	LABEL
1	REC. SUPPLY BB-2 105-0	TAYLOR TEST KIT
1	REC. SUPPLY CC-250-04	VACUUM HEAD
1	REC. SUPPLY CC-11715-15	VACUUM HOSE
1	REC. SUPPLY CC-1551550	VAC. PUMP AND FILTER
1	REC. SUPPLY CC-927C-2	WALL BRUSH
1	REC. SUPPLY CC-801F-50	SKIMMER NET
1	REC. SUPPLY CC-5F-99	8" POLE
1	REC. SUPPLY CC-8MF-99	8" POLE
2	REC. SUPPLY CC-P2516-50	TELESCOPIC POLE

DECK EQUIPMENT

ITEMS	QTY.	LABEL
①	3	LADDERS
②	2	LIFEGUARD CHAIR
③	12	DEPTH MARKERS
④	1	SAFETY ROPE

DEPTH TABLE & DECK/WALL MARKERS

ITEM #	QUANTITY	MARKER
③	2	3 FEET DEEP/NO DIVING
④	2	4 FEET DEEP/NO DIVING
⑤	2	5 FEET DEEP NO DIVING
⑥	2	6 FEET DEEP
⑦	2	7 FEET DEEP
⑧	2	8 FEET DEEP

* IDENTICAL MARKERS REQUIRED AT EACH LOCATION FOR BOTH DECK & WALL

CLIENT:
 TOWN OF DELHI, NEW YORK
 5 ELM STREET
 DELHI, NEW YORK 13753



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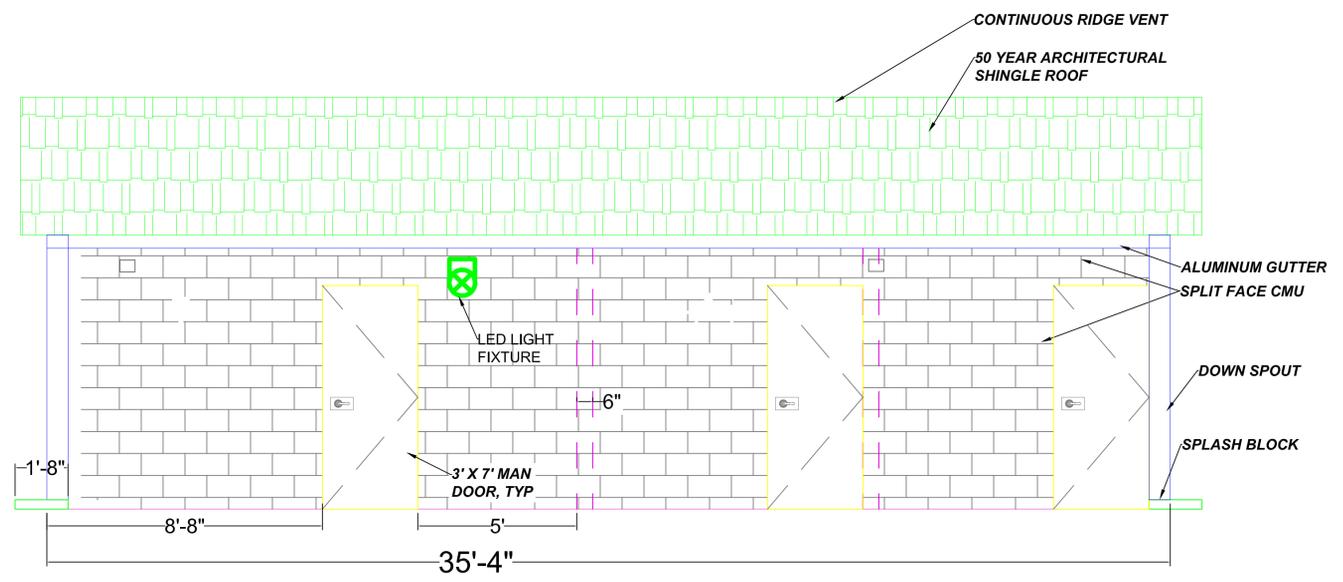
NO.	DATE	DESCRIPTION
1.		

PROJECT:
 TOWN OF DELHI, NEW YORK
 MUNICIPAL SWIMMING POOL
 & BATHHOUSE PROJECT

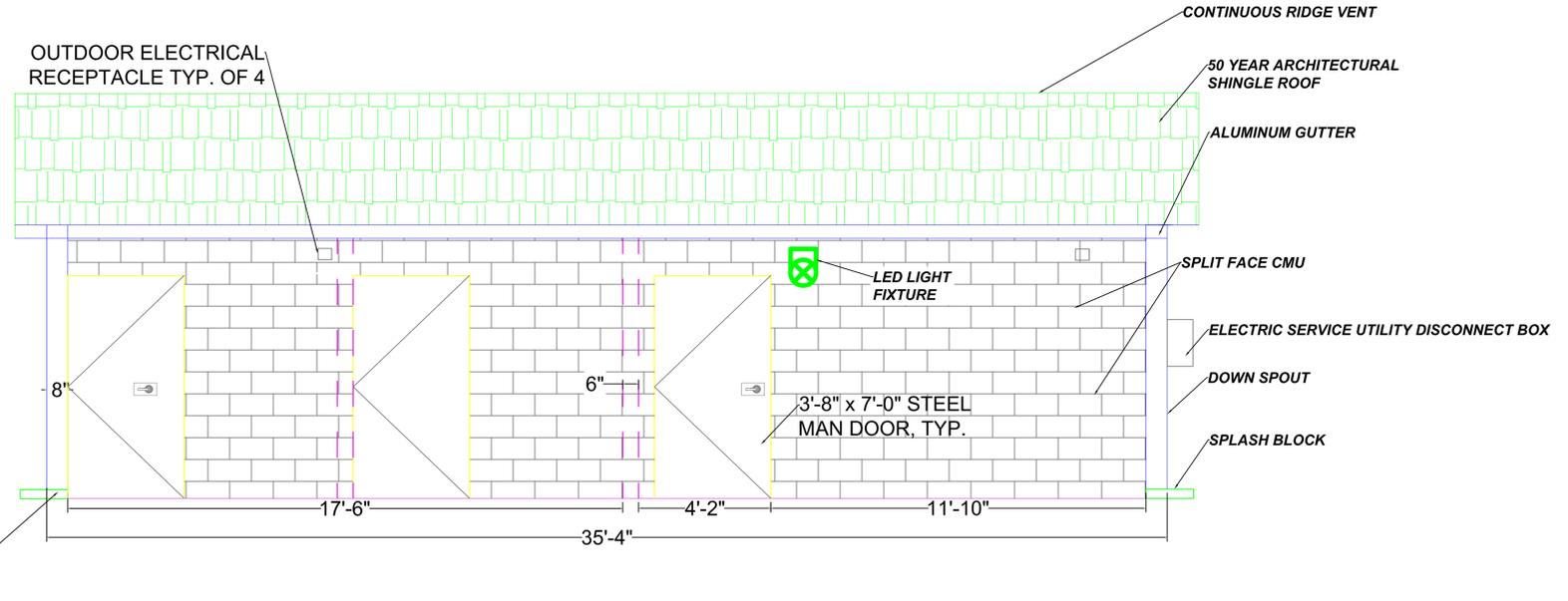
DRAWING TITLE:
 BATHHOUSE ELEVATIONS

DATE: 03/22/17
 SCALE: 3/8" = 1'0"
 DRAWN BY: J.L.M./J.X.
 REVIEWED BY: R.P.
 JOB ID: DT016-001

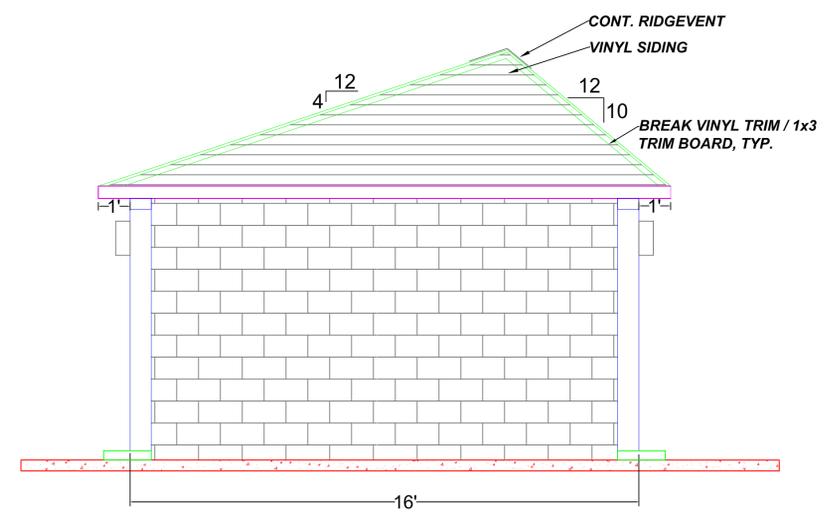
DRAWING NO:
 SECTION NO. / SHEET NO.
 A-1 / 8



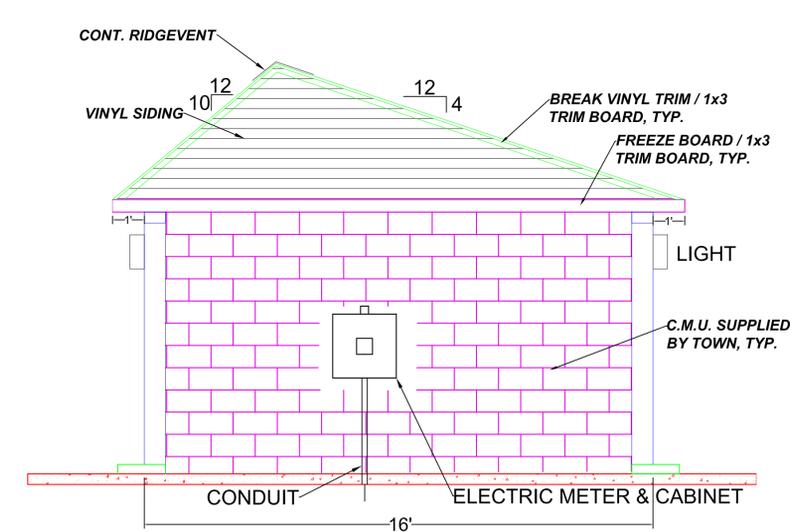
SOUTH ELEVATION @ BATHHOUSE
 SCALE: 3/8" = 1'-0"



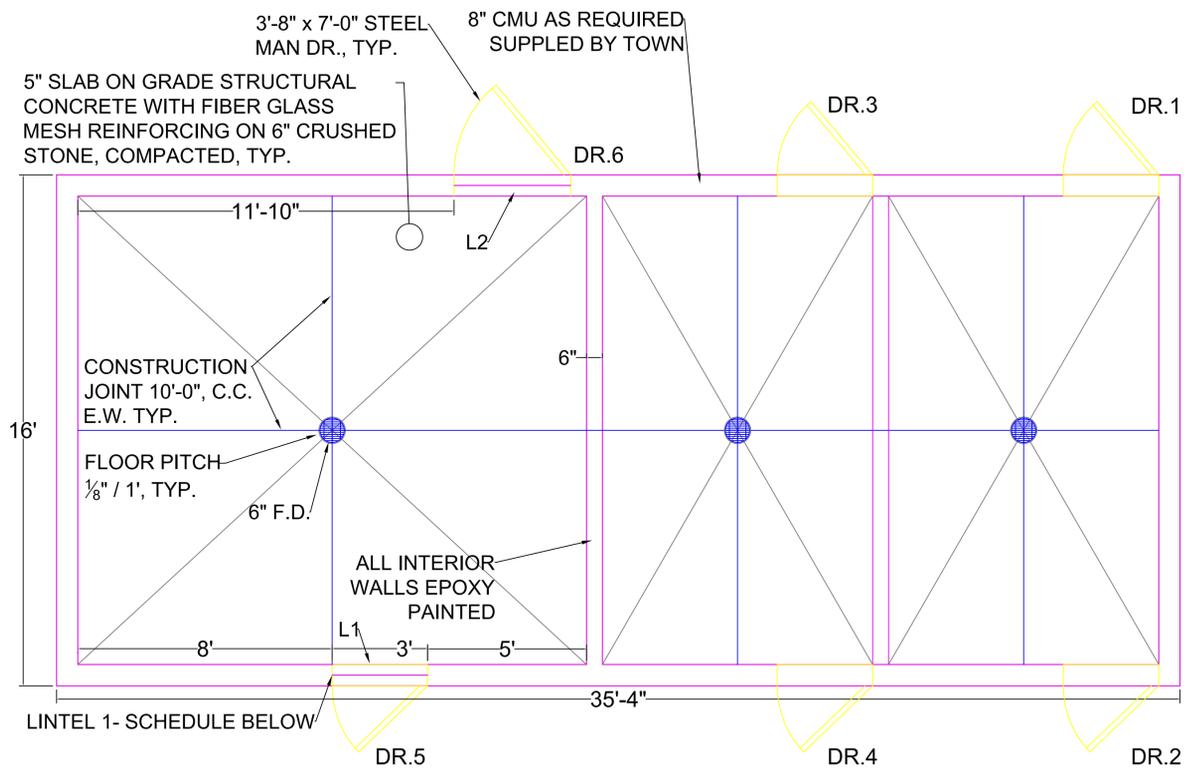
NORTH ELEVATION @ BATHHOUSE
 SCALE: 3/8" = 1'-0"



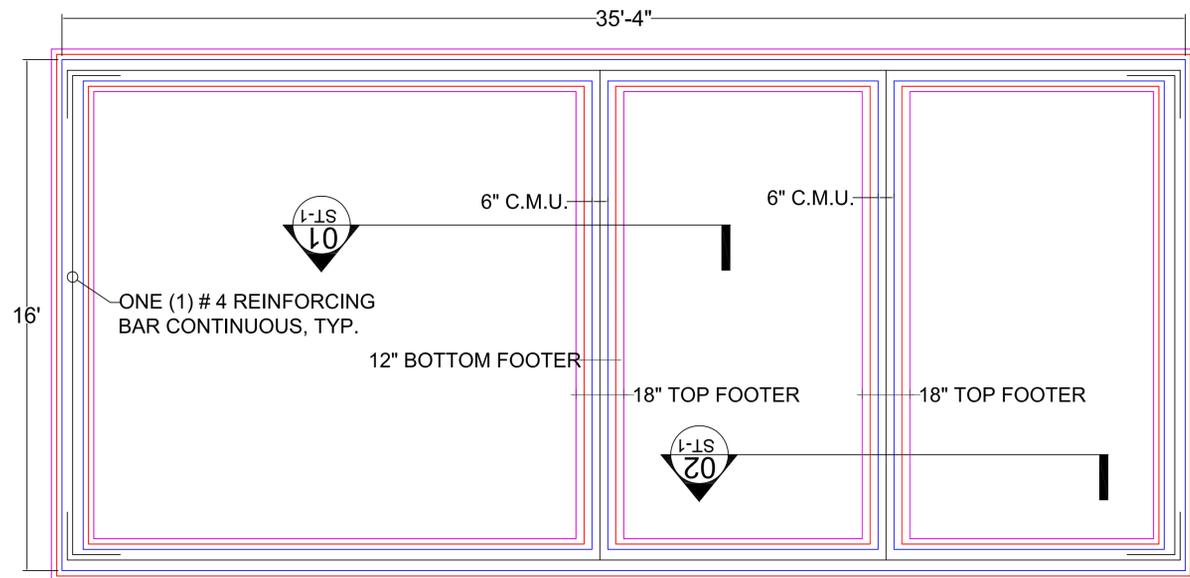
EAST ELEVATION @ BATHHOUSE
 SCALE: 3/8" = 1'-0"



WEST ELEVATION @ BATHHOUSE
 SCALE: 3/8" = 1'-0"



CONCRETE FLOOR SLAB, WALL & DOORS PLAN
 SCALE: 3/8" - 1'-0"

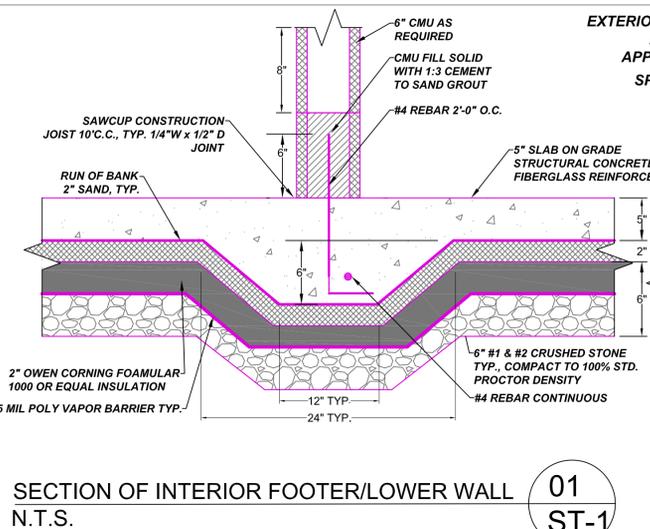
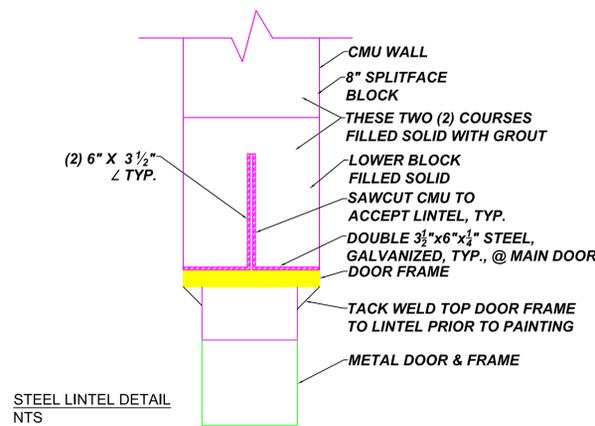


FOUNDATION PLAN
 SCALE: 3/8" - 1'-0"

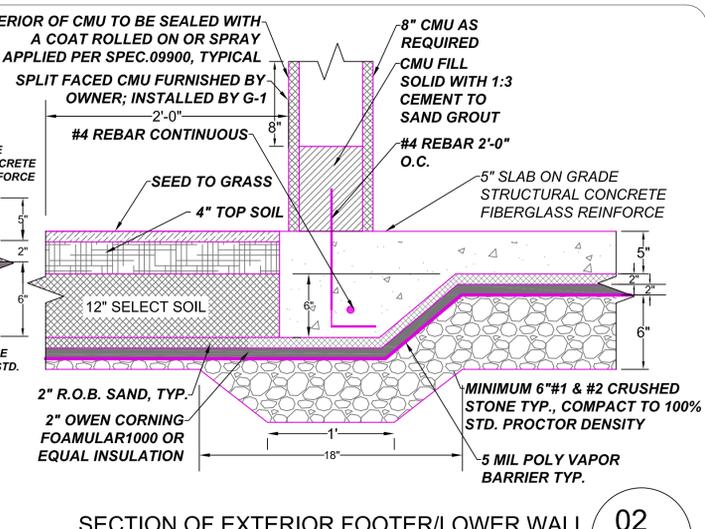
LINTEL SCHEDULE*

SYMBOL	NO. EACH	DESCRIPTION	FT.
L1	5	(2) 6" X 3 1/2" X 1/4" L	5'-0"
L2	1	(2) 6" X 3 1/2" X 5/16" L	6'-0"

* ALL LINTELS HOT DIPPED GALVANIZED



SECTION OF INTERIOR FOOTER/LOWER WALL
 N.T.S. 01 ST-1



SECTION OF EXTERIOR FOOTER/LOWER WALL
 N.T.S. 02 ST-1

GENERAL NOTES

1. GENERAL

ALL WORK SHALL CONFORM TO THE NEW YORK STATE BUILDING CODE. THE CONTRACTOR SHALL COORDINATE THE WORK WITH THE AUTHORITY HAVING JURISDICTION, FOR PERIODIC INSPECTION AND ANY LIMITATIONS THAT MAY AFFECT THE PROJECT AREA AND/OR SCHEDULE. THE CONTRACTOR SHALL CONFORM TO ALL SAFETY PROVISIONS, LOCAL, STATE AND FEDERAL. AFTER COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL REMOVE ALL DEBRIS AND LEAVE THE SITE IN A CLEAN AND ORDERLY CONDITION.

2. FOUNDATIONS

FOOTINGS SHALL BE PLACED ON UNDISTURBED GRADE OR ENGINEERED FILL. DO NOT OVER EXCAVATE UNDER FOUNDATIONS. BACKFILL AROUND FOUNDATIONS UNDER SLAB ON GRADE WITH ENGINEERED FILL. ENGINEERED FILL SHALL BE COMPACTED IN 6" LAYERS HAVING A STANDARD PROCTOR DENSITY OF 100 (MAXIMUM COMPACTION).

3. CONCRETE WORK

CONCRETE WORK SHALL CONFORM TO ACI 318. FORMS SHALL BE TRUE AND STRAIGHT. USE ONLY SNAP TIES. PATCH RECESSED TIE ENDS WITH A HIGH STRENGTH NON SHRINK GROUT.

3.1 REINFORCING

BARS - ASTM A 615, GR 60, DEFORMED MESH - ASTM A 185 OR FIBERGLASS

3.2 CONCRETE MATERIAL

CEMENT - ASTM C 150, TYPE II
 FLYASH - ASTM C 618
 NORMAL WEIGHT AGGREGATE - C33
 MAX AGGREGATE SIDE - 1"
 WATER - CLEAN, POTABLE
 AIR ENTRAINMENT - ASTM C 260
 WATER REDUCING ADMIX - ASTM C 492, TYPE D

3.3 CONCRETE MIX SHOULD BE AS FOLLOWS:

SLAB ON GRADE, SIDEWALK & FOUNDATION
 4000 PSI @ 28 DAYS W/C RATIO.40,
 AIR ENTRAINMENT 6%.

READY MIX CONCRETE SHALL CONFORM TO C 94

3.4 WATER REDUCER: SEE SPEC. SECTION 03300

PLACE SLAB IN A CONTINUOUS OPERATION.
 FINISH FLOOR - COMPLY WITH ACI 302.1R
 FINISH SURFACE - LIGHT BROOM FINISH F25.
 -SLOPE SLAB TO DRAINS AT 1/4" / FT.
 -CURE SLAB WITH WATER SPRAY OR CLEAR COMPOUND
 -SAW-CUT RELIEF JOINTS AS SOON AS CONCRETE HAS SET.

4. MASONRY

CMU - ASTM C 90, INTEGRATED COLORED.; COLOR TO BE SELECTED BY OWNER.
 2500 - PSI PRISM STRENGTH - ASTM C 1314
 M OR S TYPE MORTAR
 AGGREGATE FOR GROUT - ASTM C 404
 WATER REPELLENT ADMIXTURE - RAIN BLOCK BY
 WATER PROOF SEALANT ADDED TO EXTERIOR OF CMU EXTERIOR FACE

LADDER TYPE OR TRUSS TYPE JOINT REINFORCING EVERY 3RD COURSE
 REINFORCING FOR BOND BEAM - ASTM A 615
 -COORDINATE WITH ELECTRIC CONTRACTOR FOR WIRING
 FLASHING - FLEX FLASH BY HOHMANN & BARNARD OR EQUAL OVER OPENING. PAINT INTERIOR WALLS AS SPECIFIED.

5. TIMBER

-ALL TIMBER IN CONTACT WITH CONCRETE, CMU OR EARTH SHALL BE PRESSURE TREATED.
 -ANCHOR PLATES TO CMU WITH 1/2" HOOKED BOLTS @ 4" C/C
 -ROOF TRUSSES SHALL BE PRE-ENGINEERED, 60 LB./SF L.L. & 20 LB./SF DL
 -A REGISTERED ENGINEER IN THE STATE OF NEW YORK SHALL CERTIFY DESIGN.
 -FASTEN WOOD TRUSSES TO THE WALL PLATE WITH GALV.
 -HURRICANE TIES WITH 200 LB ANCHOR CAPACITY.
 -PLYWOOD SHALL BE CDX OR EQUAL.
 -FASTEN WOOD CONNECTION PER CODE TABLE 2304.9.1
 -STRUCTURAL FRAMING - HEM FIR OR SOUTHERN PINE STRUCTURAL SELECT.
 TRIM - ARCHITECTURAL GRADE

6. ROOFING

50 - YEAR ARCH SHINGLES, OWNER TO SELECT COLOR
 ICE AND WATERSHED UNDERPAYMENT PER CODE.

7. DOORS

-ENTRANCE DOORS (SINGLE DOOR) INSULATED 3'-0" X 7'-0" X 2" THICK. GALVANIZED STEEL DOOR OR EQUAL EXCEPT GATES
 ENTRY ROOM-DOORS TO HAVE ADA APPROVED HANDLES.
 PAINT AS SPECIFIED - SEE DOOR & HARDWARE SPECIFICATIONS FOR FURTHER REQUIREMENTS.

8. FOAMULAR 1000 OR EQUAL FOAM BOARD INSULATION, 1000 PSI COMPRESSIVE STRENGTH & 10 PCF VVT

RIGID INSULATION:

SHALL ALL BE OWENS CORNING FOAMULAR O.C.F. 1000 OR EQUAL, 3 PCF DENSITY, 100 OR EQUAL PSI COMPRESSIVE STRENGTH, CLASS V XPS (EXPANDED POLYSTYRENE.)

CLIENT:
 TOWN OF DELHI, NEW YORK
 5 ELM STREET
 DELHI, NEW YORK 13753



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REVISIONS:		
NO.	DATE	DESCRIPTION
1.		

PROJECT:
 TOWN OF DELHI, NEW YORK
 MUNICIPAL SWIMMING POOL
 & BATH HOUSE PROJECT

DRAWING TITLE:
 FLOOR SLAB, WALL/DOORS &
 FOUNDATION PLAN, SECTIONS
 & NOTES

DATE: 06/22/17
 SCALE: 1/2" = 1'-0"
 DRAWN BY: J.L.M./J.X.
 REVIEWED BY: R.P.
 JOB ID: DT016-001
 DRAWING NO:
 SECTION NO./SHEET NO.
 ST-1 / 9

CLIENT:
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 DELHI, NEW YORK 13753



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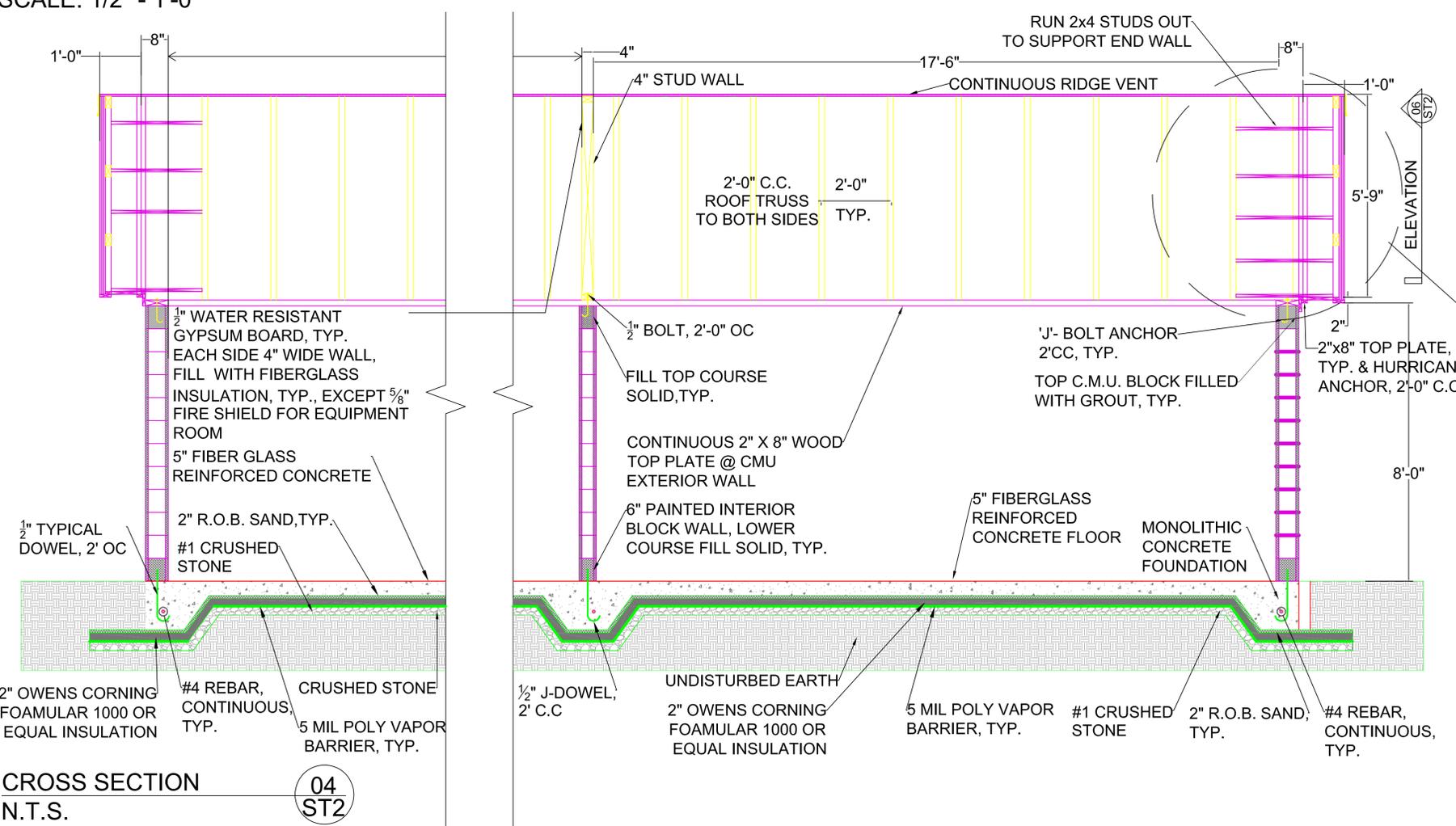
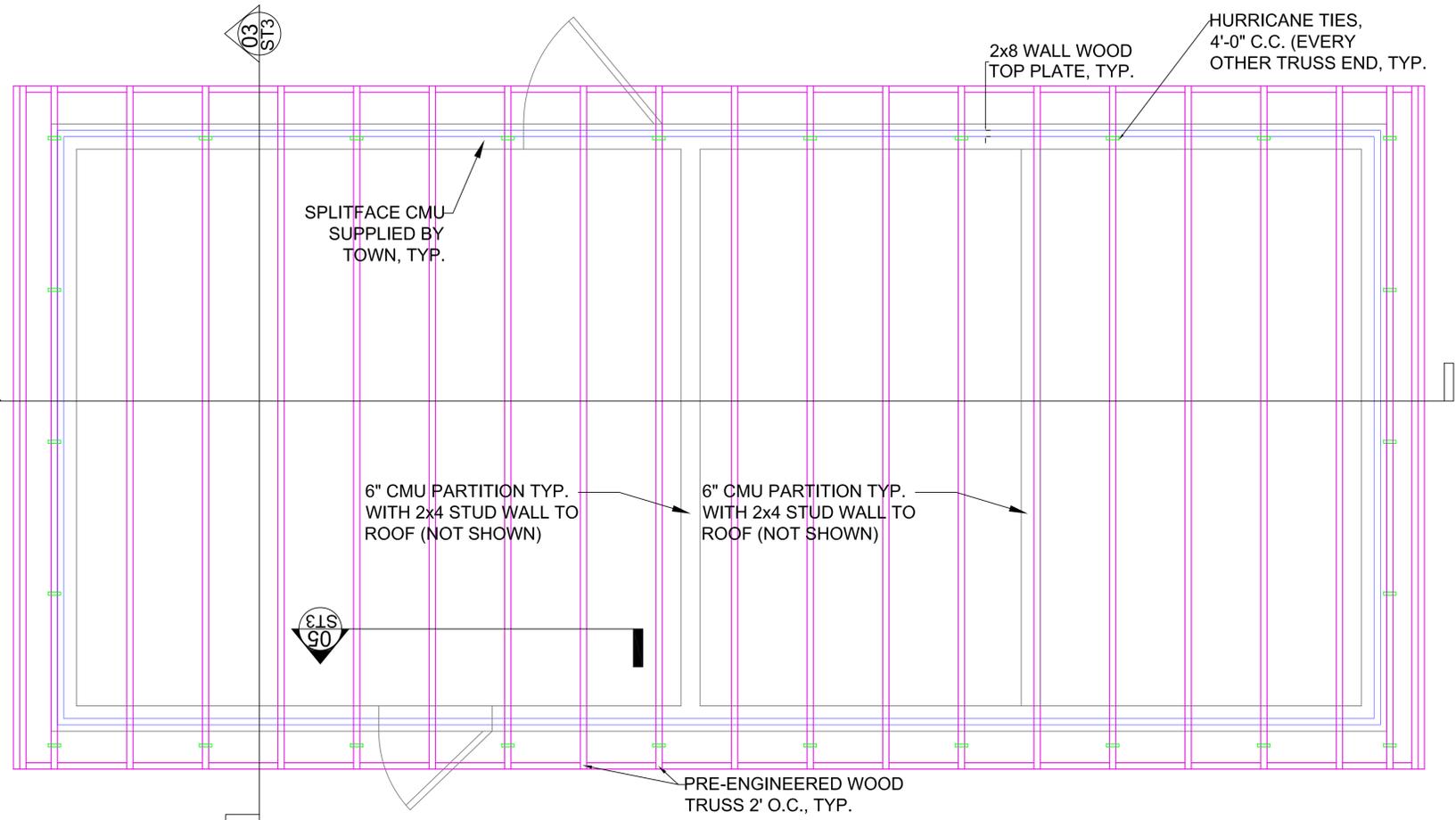
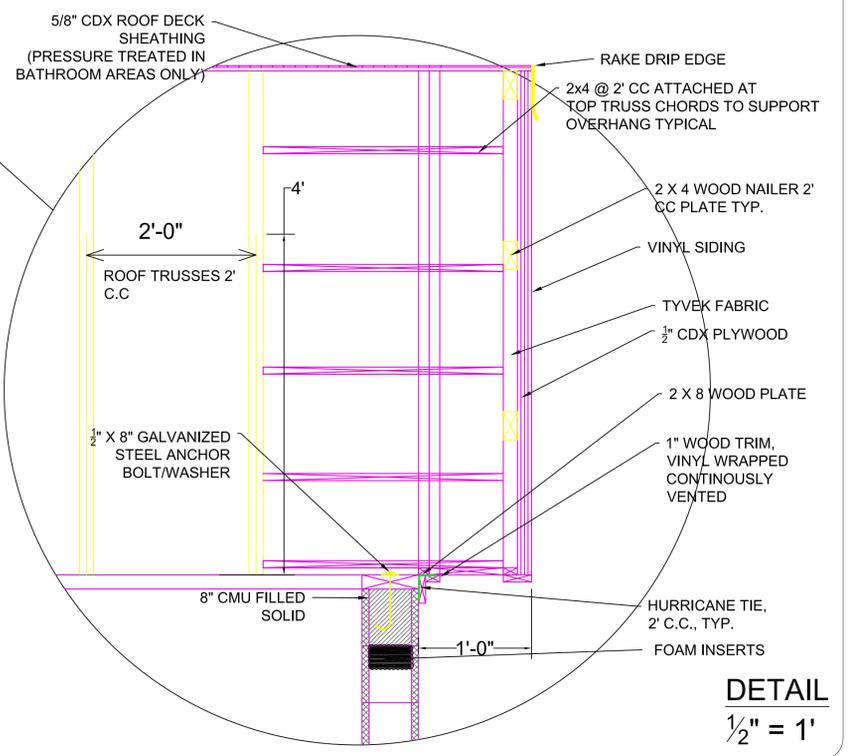
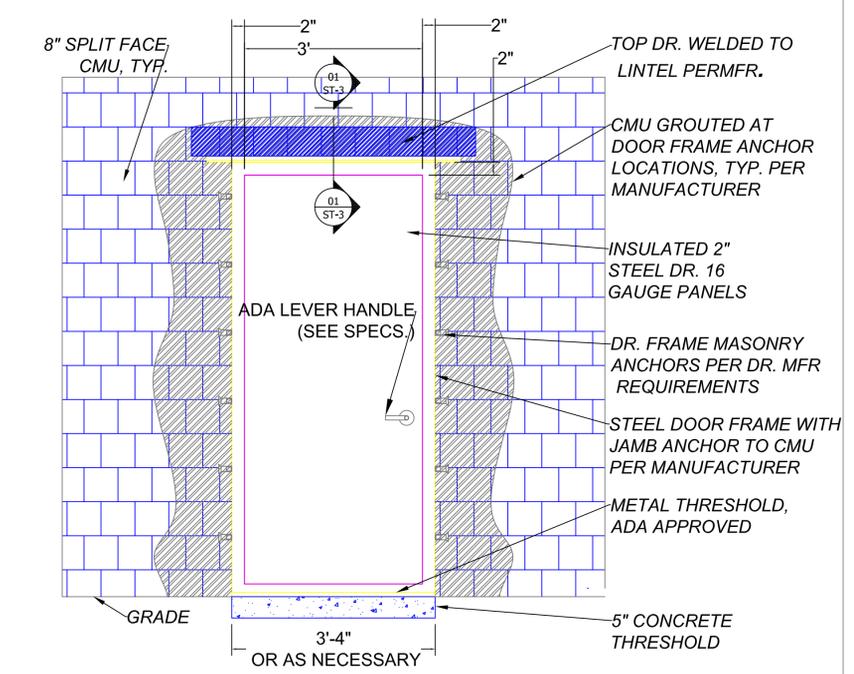
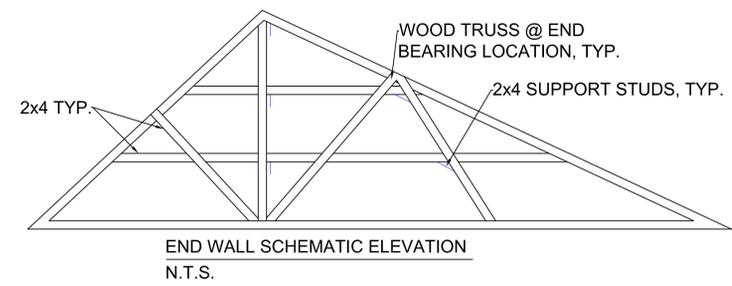
NO.	DATE	DESCRIPTION
1.		

PROJECT:
 TOWN OF DELHI, NEW YORK
 MUNICIPAL SWIMMING POOL & BATH HOUSE PROJECT

DRAWING TITLE:
 SWIMMING POOL, WALL & ROOF STRUCTURE SECTIONS

DRAWING NO:
 DATE: 03/20/17
 SCALE: AS SHOWN
 DRAWN BY: J.L.M./J.X.
 REVIEWED BY: R.P.
 JOB ID: DT016-001

SECTION NO./ SHEET NO.
 ST-2 / 10



04 ST2

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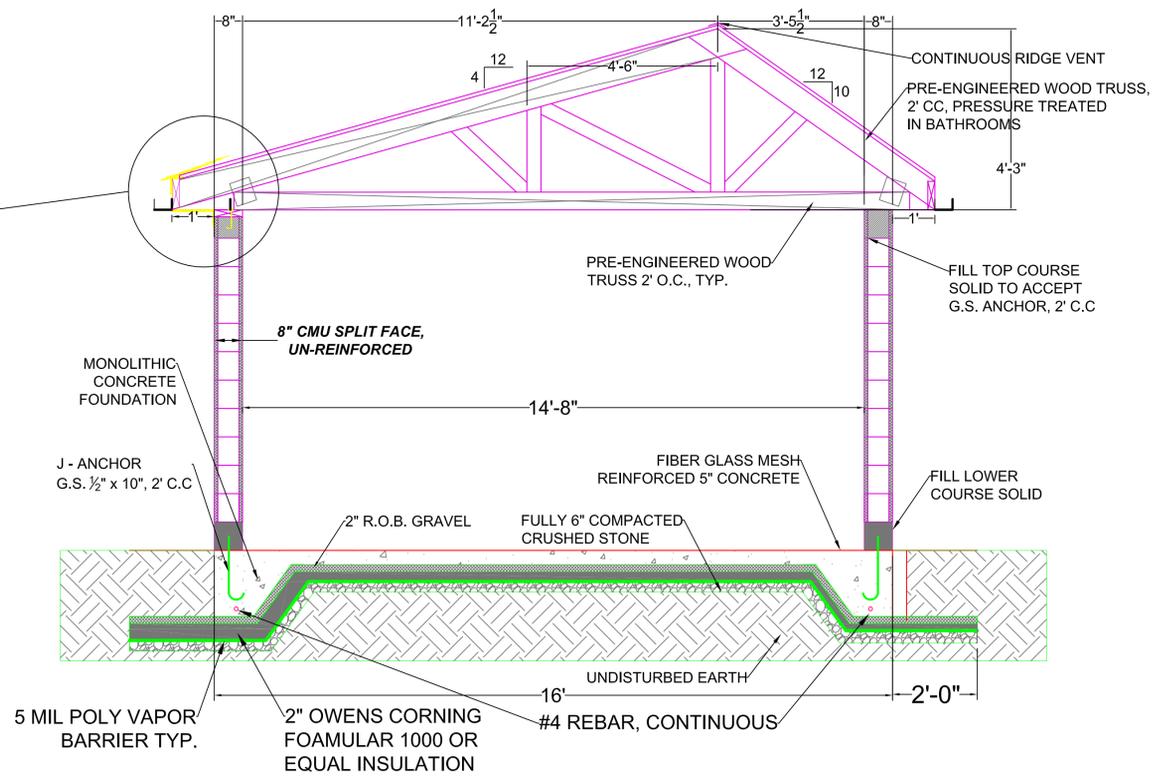
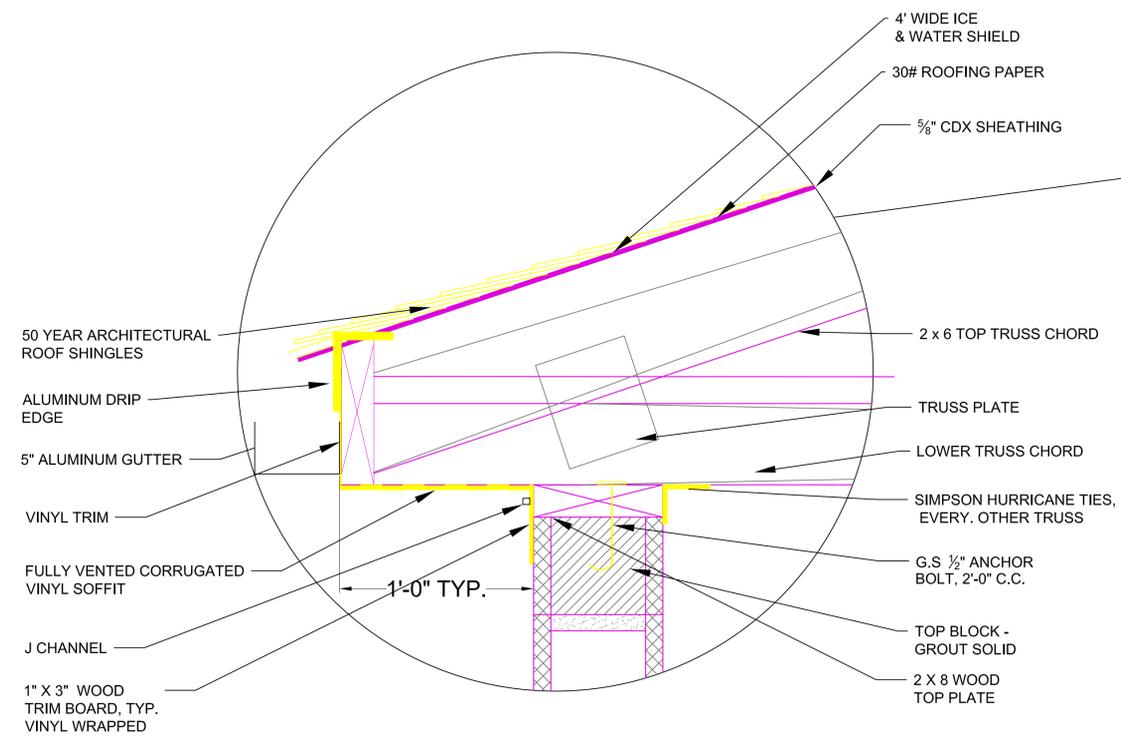
NO.	DATE	DESCRIPTION
1.		

PROJECT:
 TOWN OF DELHI, NEW YORK
 MUNICIPAL SWIMMING POOL
 & BATH HOUSE PROJECT

DRAWING TITLE:
 BATHHOUSE ROOF DETAILS

DATE: 03/20/17
SCALE: 1/2" = 1'-0"
DRAWN BY: J.L.M./J.X.
REVIEWED BY: R.P.
JOB ID: DT016-001

DRAWING NO:
SECTION NO. / SHEET NO.
 ST-3 / 11



03
ST2

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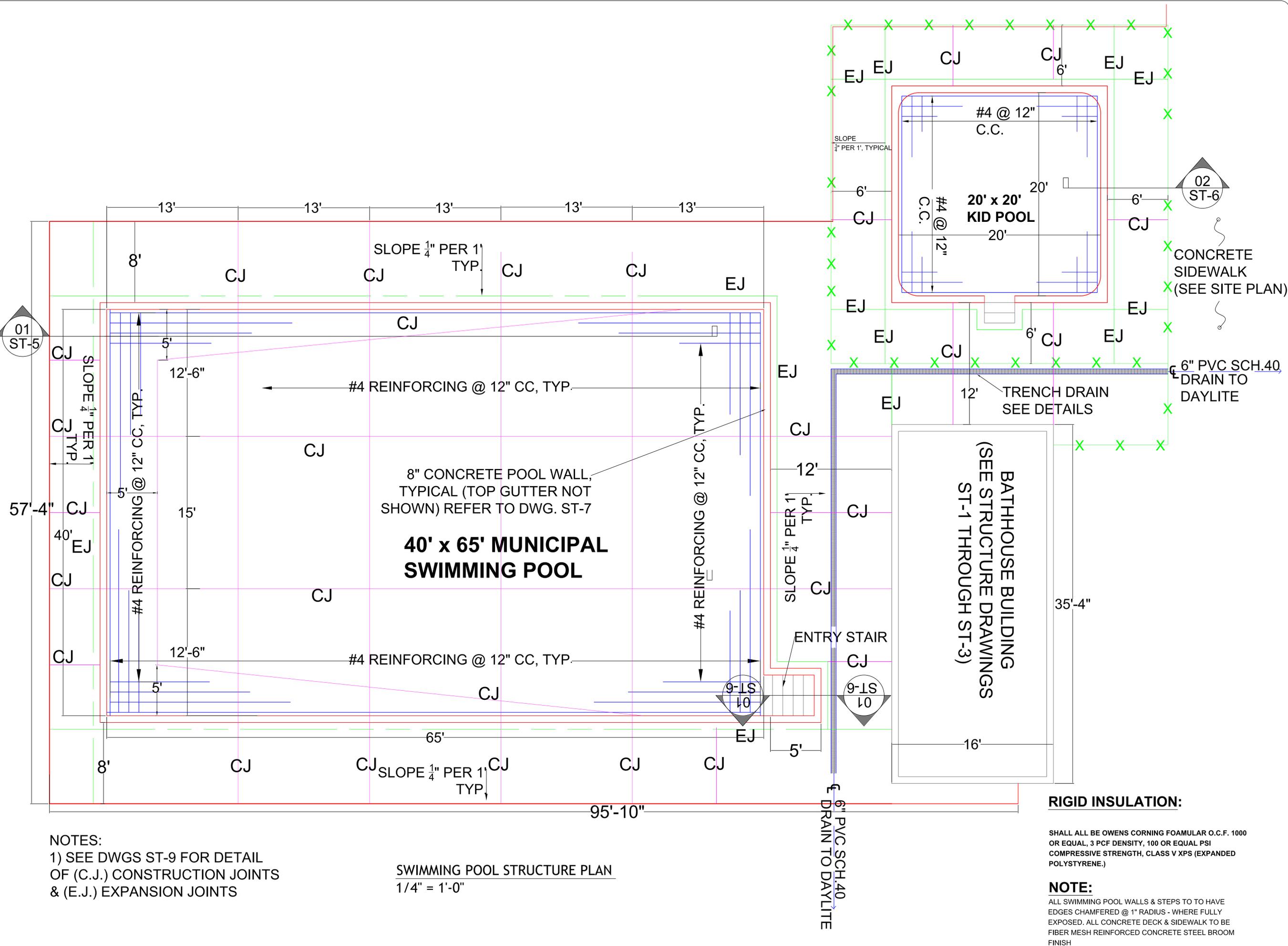
NO.	DATE	DESCRIPTION
1.		

PROJECT:
 TOWN OF DELHI, NEW YORK
 MUNICIPAL SWIMMING POOL
 & BATH HOUSE PROJECT

DRAWING TITLE:
 SWIMMING POOL
 STRUCTURE PLAN

DATE: 08/07/17
 SCALE: 1/4"=1'
 DRAWN BY: J.L.M./J.X.
 REVIEWED BY: R.P.
 JOB ID: DT016-001

DRAWING NO:
SECTION NO. / SHEET NO.
ST-4/12



NOTES:
 1) SEE DWGS ST-9 FOR DETAIL OF (C.J.) CONSTRUCTION JOINTS & (E.J.) EXPANSION JOINTS

SWIMMING POOL STRUCTURE PLAN
 1/4" = 1'-0"

RIGID INSULATION:
 SHALL ALL BE OWENS CORNING FOAMULAR O.C.F. 1000 OR EQUAL, 3 PCF DENSITY, 100 OR EQUAL PSI COMPRESSIVE STRENGTH, CLASS V XPS (EXPANDED POLYSTYRENE.)

NOTE:
 ALL SWIMMING POOL WALLS & STEPS TO HAVE EDGES CHAMFERED @ 1" RADIUS - WHERE FULLY EXPOSED. ALL CONCRETE DECK & SIDEWALK TO BE FIBER MESH REINFORCED CONCRETE STEEL BROOM FINISH

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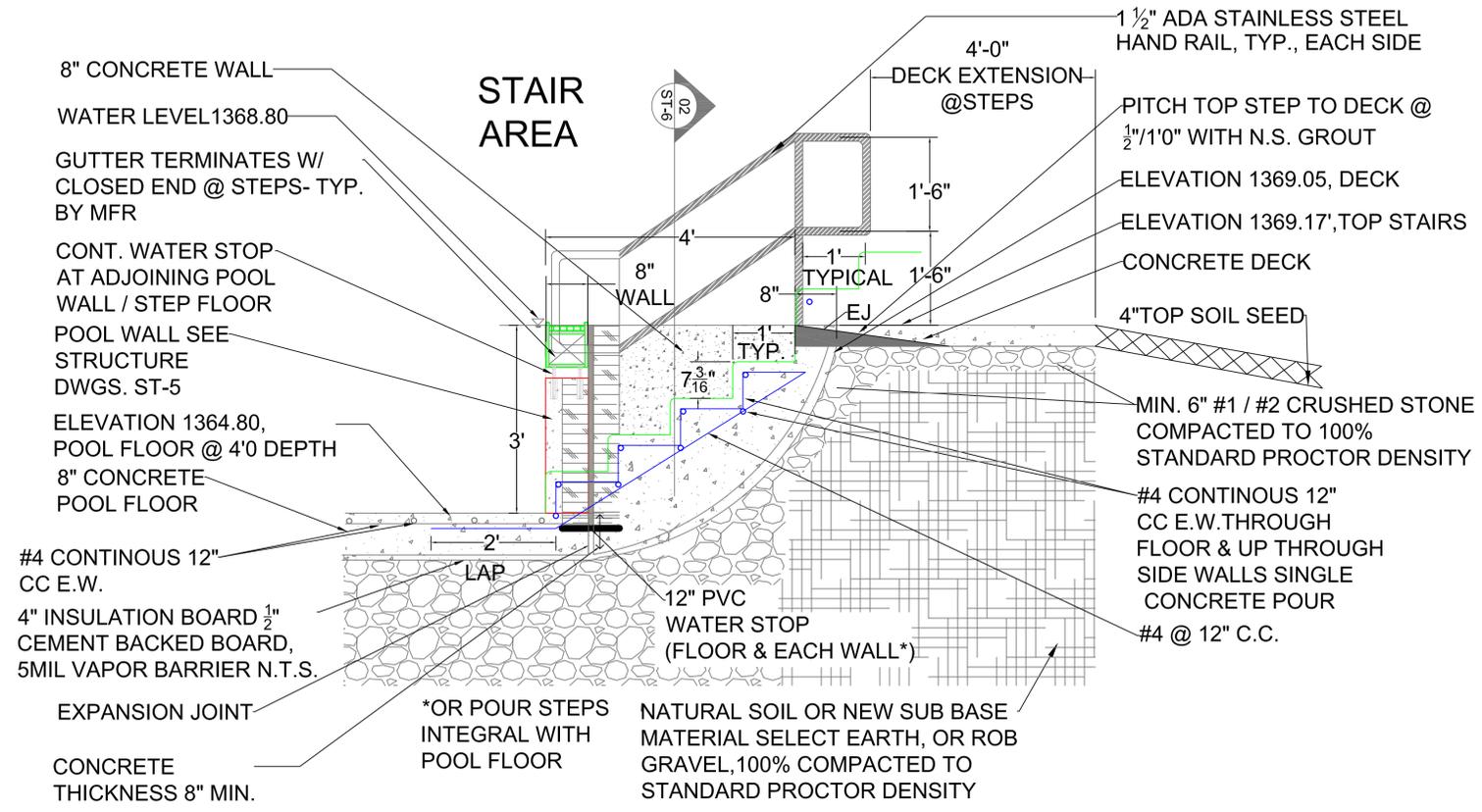
NO.	DATE	DESCRIPTION
1.	6/15/2017	BLUE STEP EDGES
2.	6/15/2017	ADD STAIR & HANDRAIL TO WADING POOL
3.	8/07/2017	POOL STEPS MODIFIED

PROJECT:
 TOWN OF DELHI NEW YORK
 MUNICIPAL SWIMMING POOL
 & BATH HOUSE PROJECT

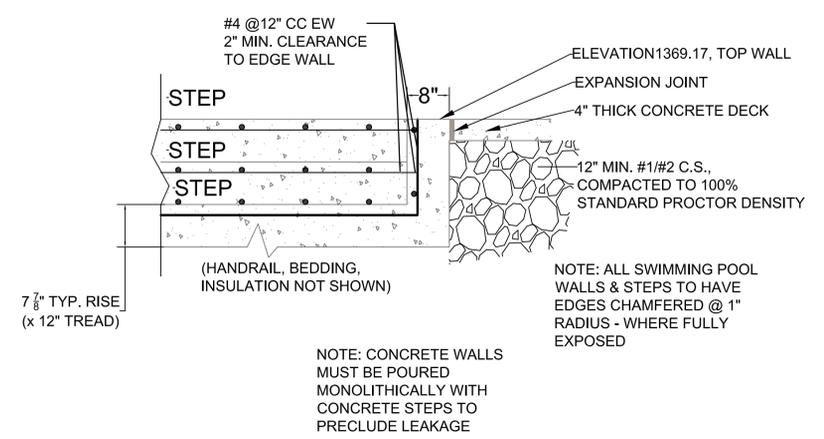
DRAWING TITLE:
 SWIMMING POOL &
 WADING POOL STAIR
 DETAIL & SECTION AND
 KID POOL SECTION &
 STEP PLAN

DATE: 08/23/17
 SCALE: AS SHOWN
 DRAWN BY: S.D./J.X.
 REVIEWED BY: R.P.
 JOB ID: DT016-001

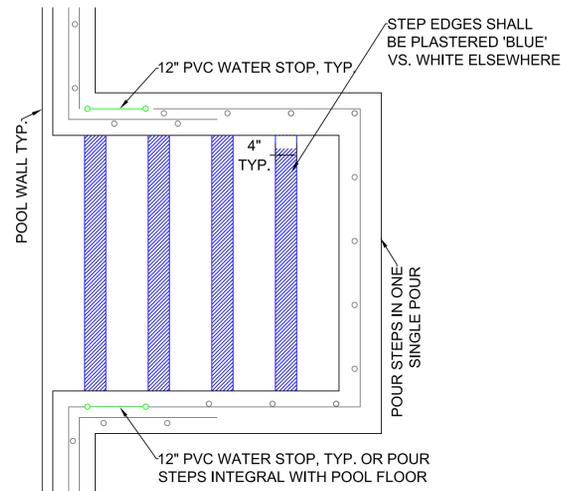
DRAWING NO:
 SECTION NO./
 SHEET NO,
ST-6 / 14



STAIR DETAIL ELEVATION
 SCALE: 1/2"=1'
 01 ST-4

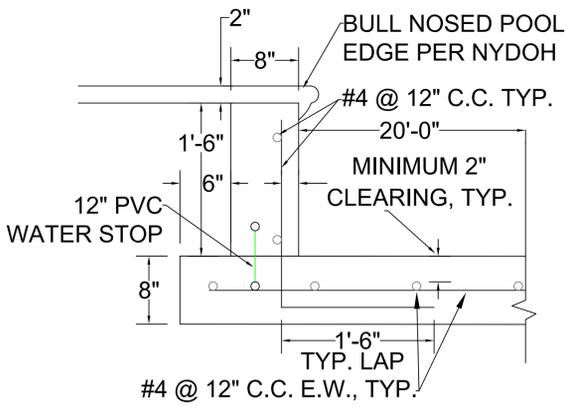


SECTION N.T.S.
 02 ST-6

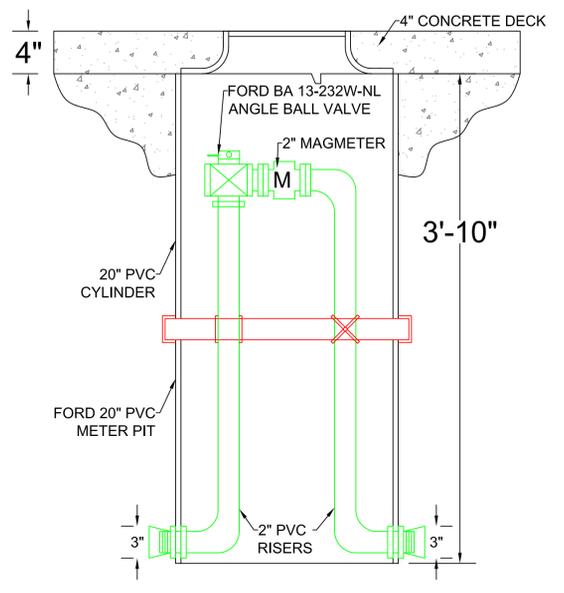


STEP PLAN (MAIN POOL)
 N.T.S.

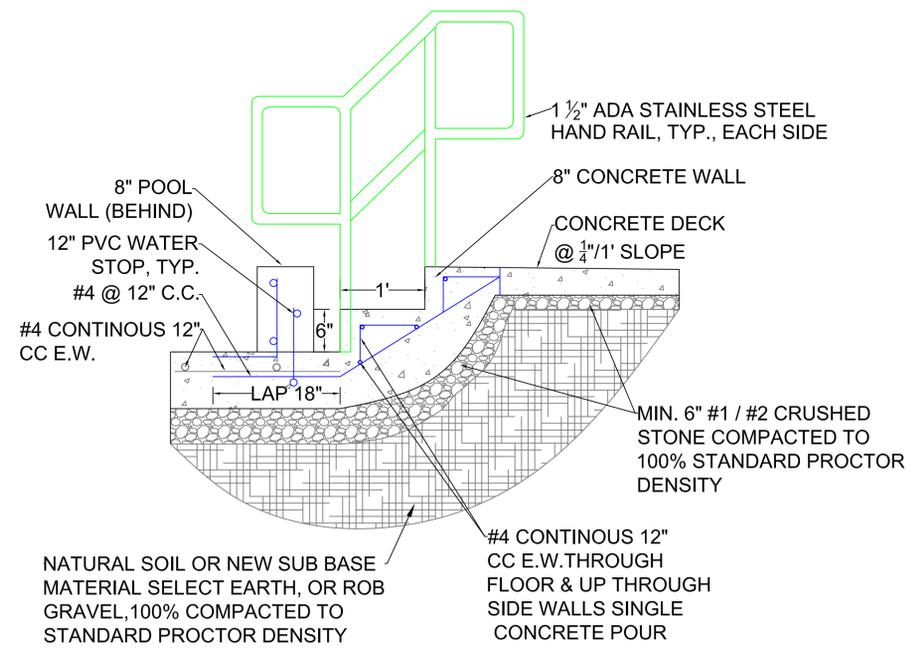
* SEE ELEVATION ABOVE FOR STEP REINFORCING



KID'S POOL SECTION
 N.T.S.
 02 ST-4

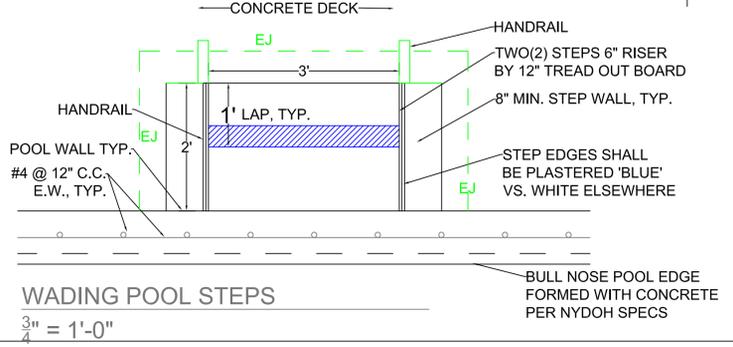


STANDARD PIT SETTER
 1-1/2" = 1'-0"

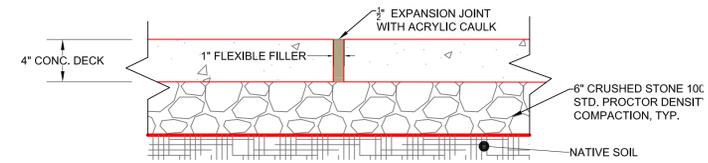
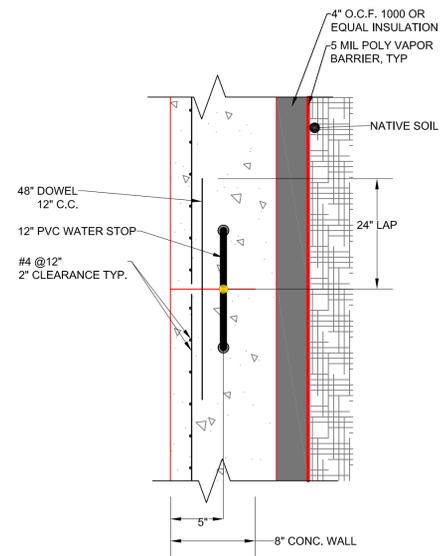
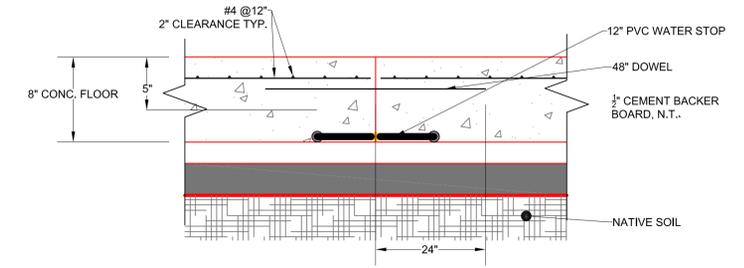
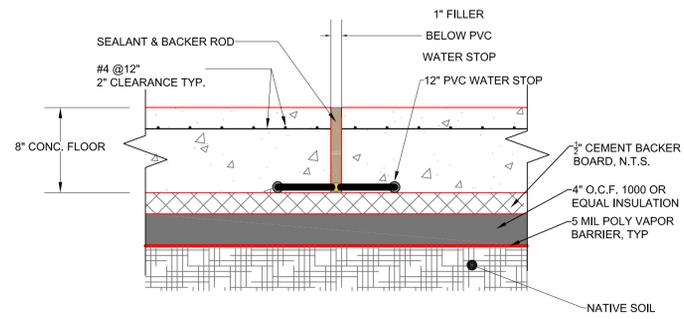


WADING STAIR DETAIL ELEVATION*
 SCALE: 1"=1'

* STEPS-POUR INTEGRAL WITH POOL FLOOR



WADING POOL STEPS
 3" = 1'-0"





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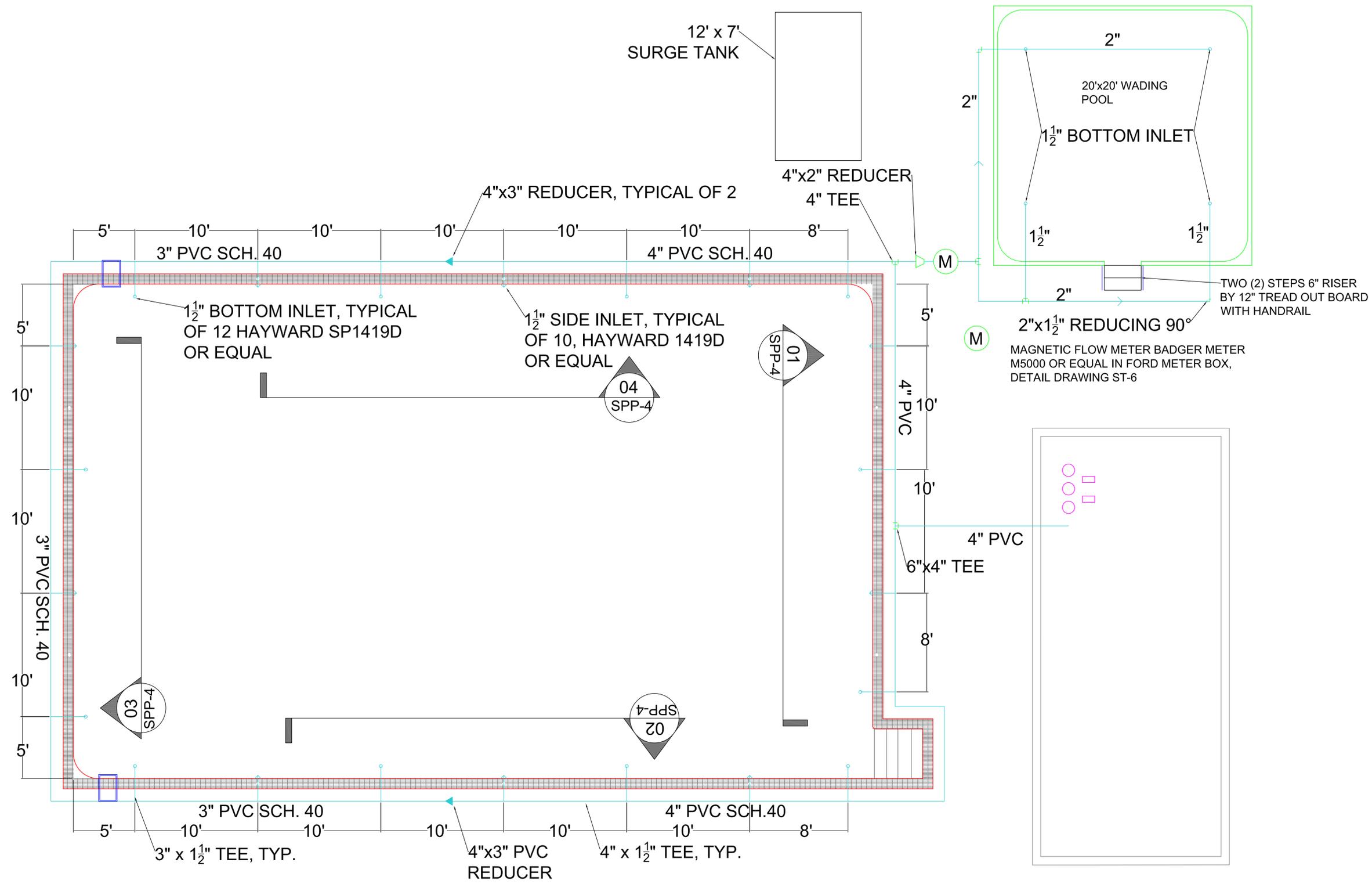
NO.	DATE	DESCRIPTION
1.	6/15/2017	POOL INLET SPECIFICATIONS
2.	6/15/2017	ADD STEPS & HANDRAIL TO WADING POOL

PROJECT:
 TOWN OF DELHI, NEW YORK
 MUNICIPAL SWIMMING POOL
 & BATH HOUSE PROJECT

DRAWING TITLE:
 SWIMMING POOL PIPING
 PLAN RECIRCULATION
 LINES

DATE: 08/04/17
 SCALE: 1/4" = 1'-0"
 DRAWN BY: S.D./J.J.X.
 REVIEWED BY: R.P.
 JOB ID: DT016-001

DRAWING NO:
 SECTION NO. / SHEET NO.
SPP-1/16



NOTE:

- ALL POOL RECIRCULATION INLET JETS SHALL HAVE MIN. 3" WIDE x 1/2" THICK BENTONITE FABRIC WATER STOP WRAPPED & BANDED AROUND PIPING IN WALL WHETHER OR NOT SHOWN ON DWGS.
- ALL RECIRCULATION LINES, FITTINGS, & SPECIALS TO BE INSULATED WITH 2" HARD RUBBER, PVC JACKETED BY AEROFLEX USA UNDER RECIRCULATION PIPING INSULATION ADDER BID.
- WADING POOL SKIMMERS TO BE HAYWARD SP1070 OR EQUAL

SWIMMING POOL PLAN (RECIRCULATION LINES ONLY)
 SCALE 1/4" = 1'



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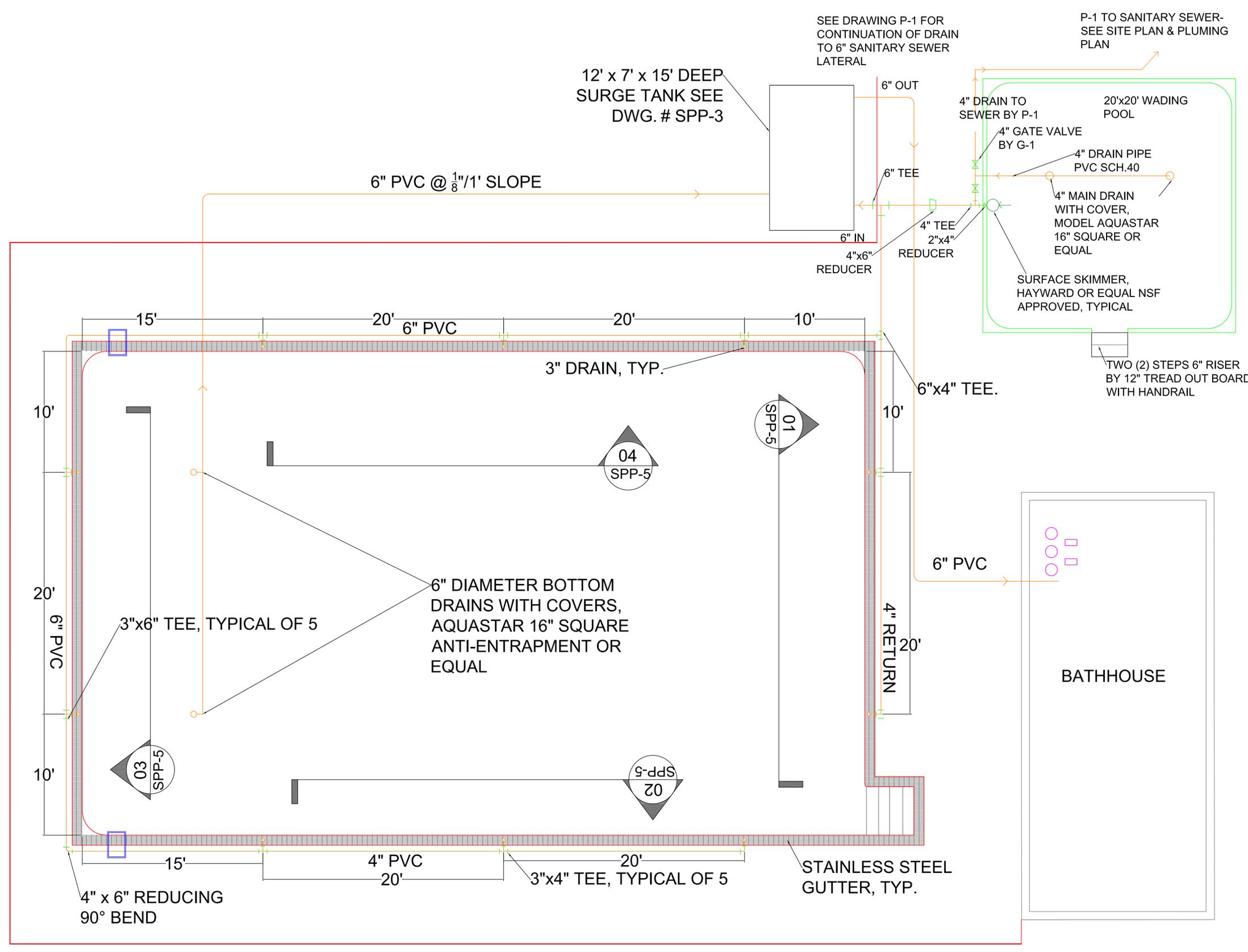
NO.	DATE	DESCRIPTION
1.	6/15/2017	MAIN DRAIN COVERS
2.	7/31/2017	REMOVE SKIMMER

PROJECT:
 TOWN OF DELHI, NEW YORK
 MUNICIPAL SWIMMING POOL
 & BATH HOUSE PROJECT

DRAWING TITLE:
 SWIMMING POOL PIPING
 PLAN DRAIN (RETURN)
 LINES

DATE: 07/31/17
SCALE: 1/4" = 1'-0"
DRAWN BY: S.D./J.X.
REVIEWED BY: R.P.
JOB ID: DT016-001

DRAWING NO:
 SECTION NO. /
 SHEET NO.
SPP-1A/17



- ALL POOL DRAIN LINE SHALL HAVE MIN. 3" WIDE x 1/2" THICK BENTONITE FABRIC WATER STOP WRAPPED AROUND PIPING IN WALL WHETHER OR NOT SHOWN ON DWGS., BANDED TO PIPE
- ALL POOL DRAIN LINE FITTINGS & SPECIALS TO BE INSULATED WITH 2" HARD RUBBER, PVC JACKETED BY AEROFLEX USA UNDER RECIRCULATION PIPING INSULATION ADDER BID.

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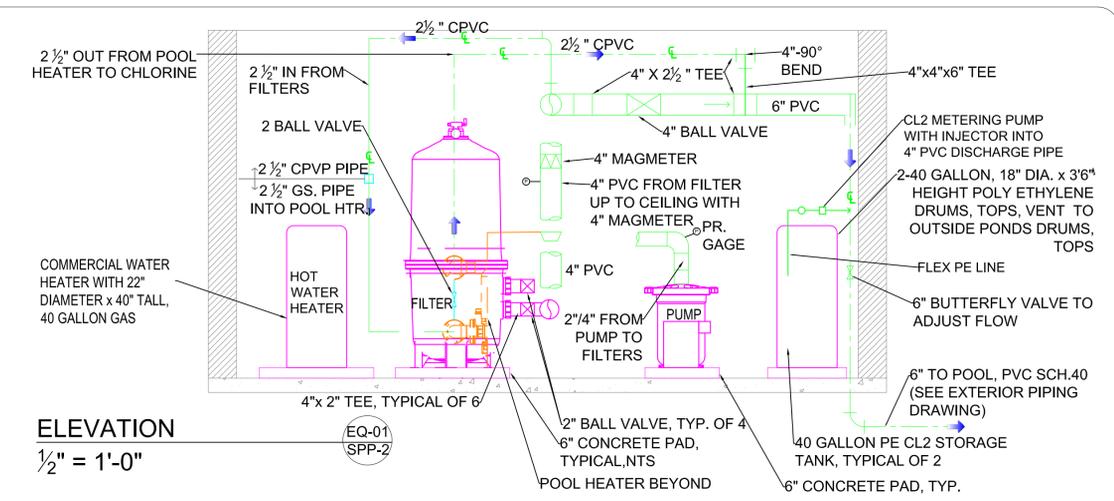
REVISIONS:

NO.	DATE	DESCRIPTION
1.	6/15/2017	ADD NOTE 4, 5 & 6

PROJECT:
 TOWN OF DELHI, NEW YORK
 MUNICIPAL SWIMMING POOL
 & BATH HOUSE PROJECT

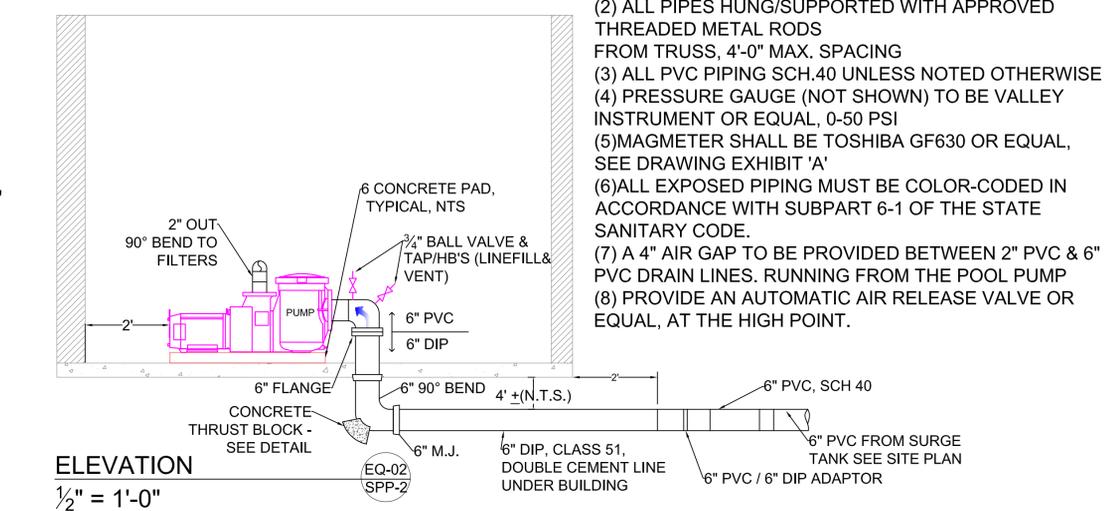
DRAWING TITLE:
 SWIMMING POOL EQUIPMENT,
 PIPING PLAN & ELEVATIONS
 INTERIOR

DRAWING NO.:
 DATE: 06/26/17
 SCALE: AS SHOWN
 DRAWN BY: J.L.M./J.X.
 REVIEWED BY: R.P.
 JOB ID: DT016-001
 SECTION NO. / SHEET NO.
SPP-2/18

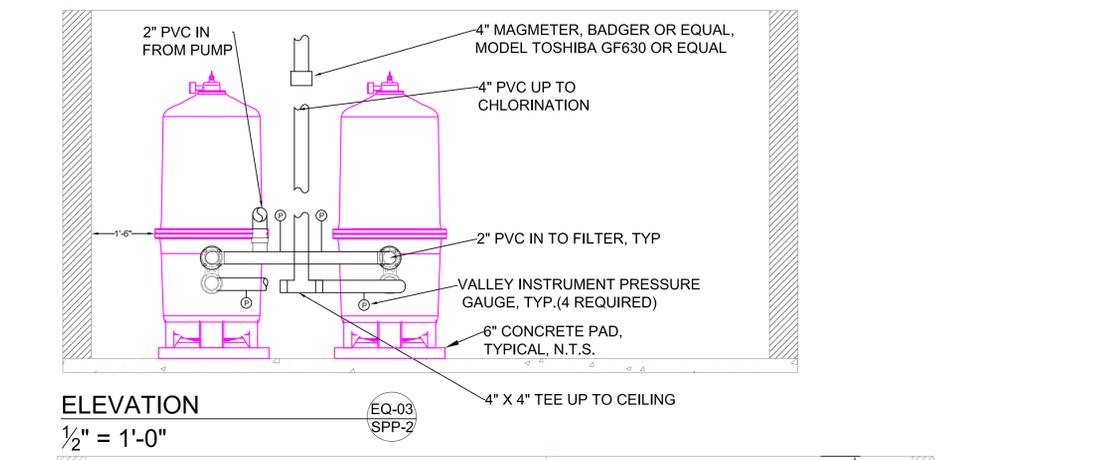


ELEVATION
 $\frac{1}{2}'' = 1'-0''$

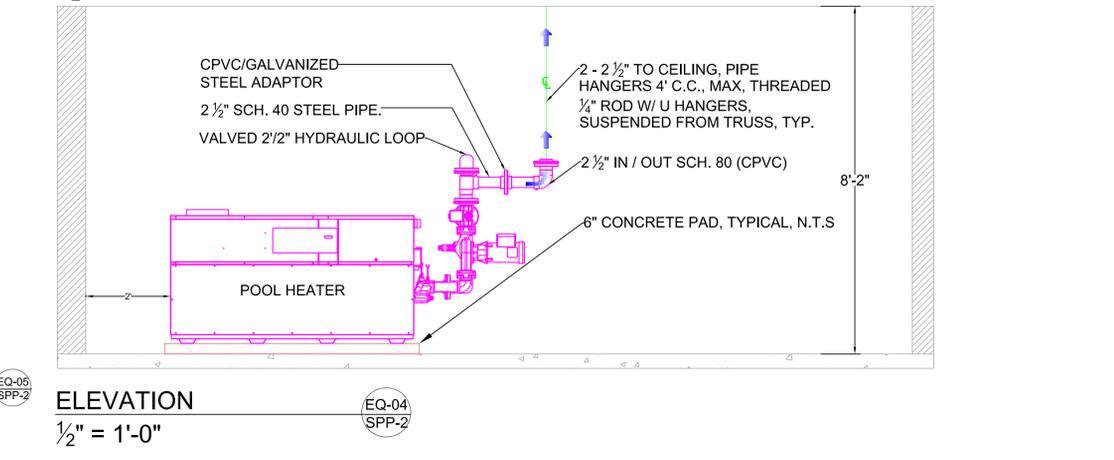
- NOTE:**
- (1) ALL EQUIPMENT SHALL BE ON 6" CONCRETE HOUSE KEEPING PADS (NOT EVERYWHERE SHOWN)
 - (2) ALL PIPES HUNG/SUPPORTED WITH APPROVED THREADED METAL RODS FROM TRUSS, 4'-0" MAX. SPACING
 - (3) ALL PVC PIPING SCH.40 UNLESS NOTED OTHERWISE
 - (4) PRESSURE GAUGE (NOT SHOWN) TO BE VALLEY INSTRUMENT OR EQUAL, 0-50 PSI
 - (5) MAGMETER SHALL BE TOSHIBA GF630 OR EQUAL, SEE DRAWING EXHIBIT 'A'
 - (6) ALL EXPOSED PIPING MUST BE COLOR-CODED IN ACCORDANCE WITH SUBPART 6-1 OF THE STATE SANITARY CODE.
 - (7) A 4" AIR GAP TO BE PROVIDED BETWEEN 2" PVC & 6" PVC DRAIN LINES, RUNNING FROM THE POOL PUMP
 - (8) PROVIDE AN AUTOMATIC AIR RELEASE VALVE OR EQUAL, AT THE HIGH POINT.



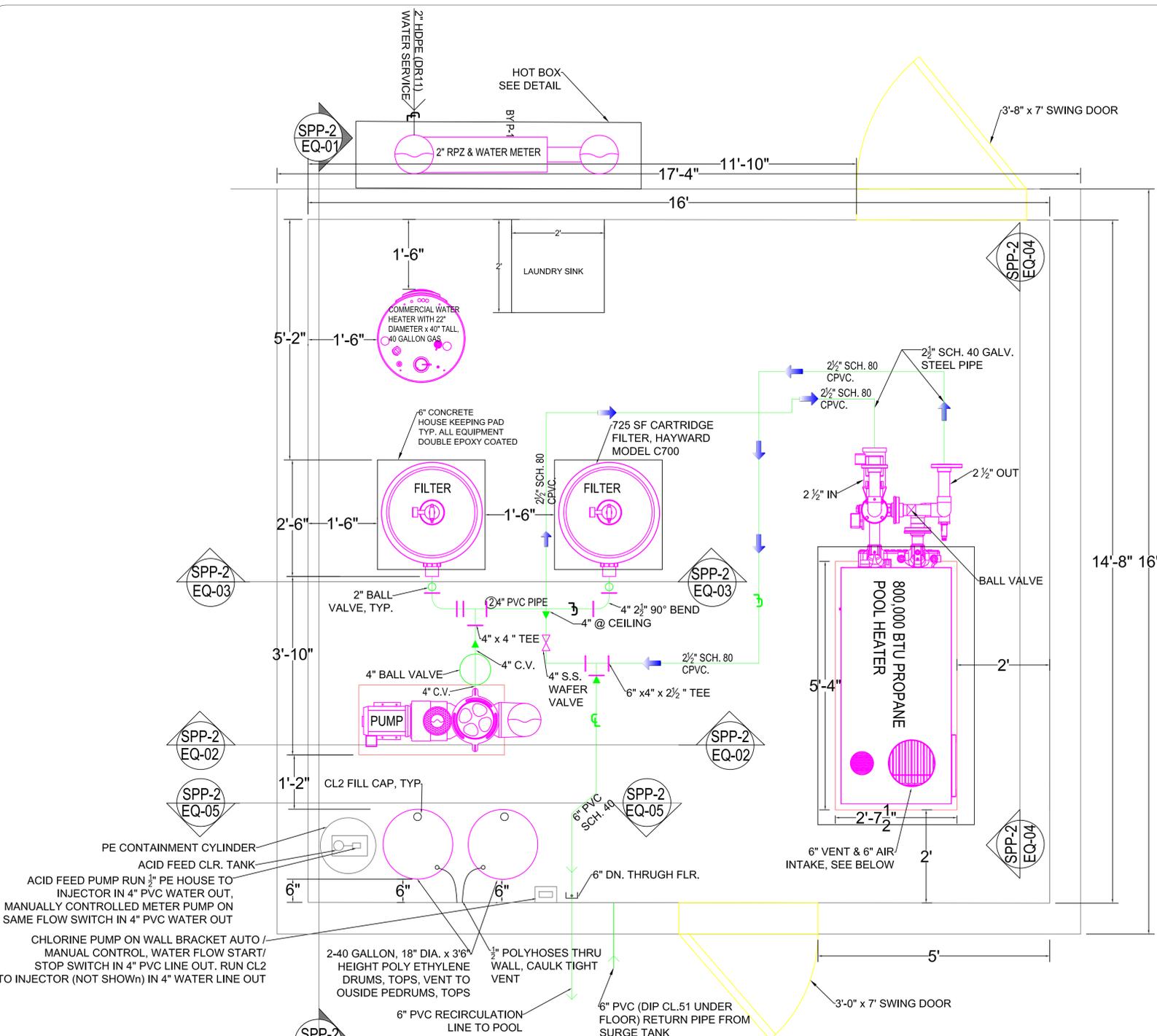
ELEVATION
 $\frac{1}{2}'' = 1'-0''$



ELEVATION
 $\frac{1}{2}'' = 1'-0''$

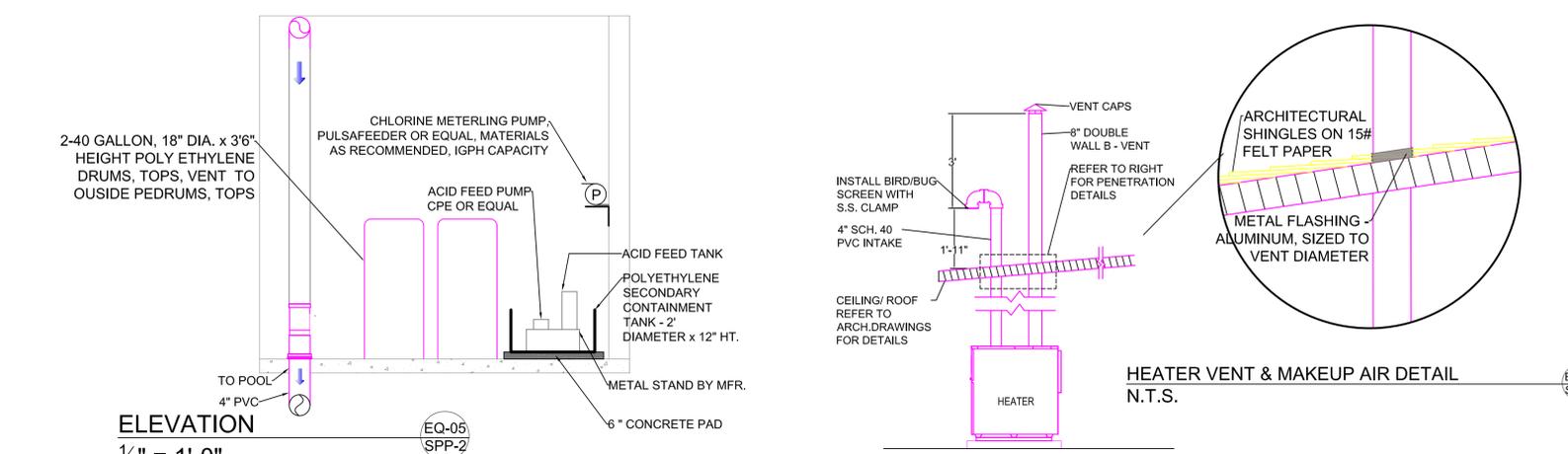


ELEVATION
 $\frac{1}{2}'' = 1'-0''$



SWIMMING POOL EQUIPMENT ROOM PLAN VIEW

$\frac{3}{4}'' = 1'-0''$



HEATER VENT & MAKEUP AIR DETAIL
 N.T.S.

ELEVATION
 $\frac{1}{2}'' = 1'-0''$

CLIENT:
 TOWN OF DELHI, NEW YORK
 5 ELM STREET
 DELHI, NEW YORK 13753



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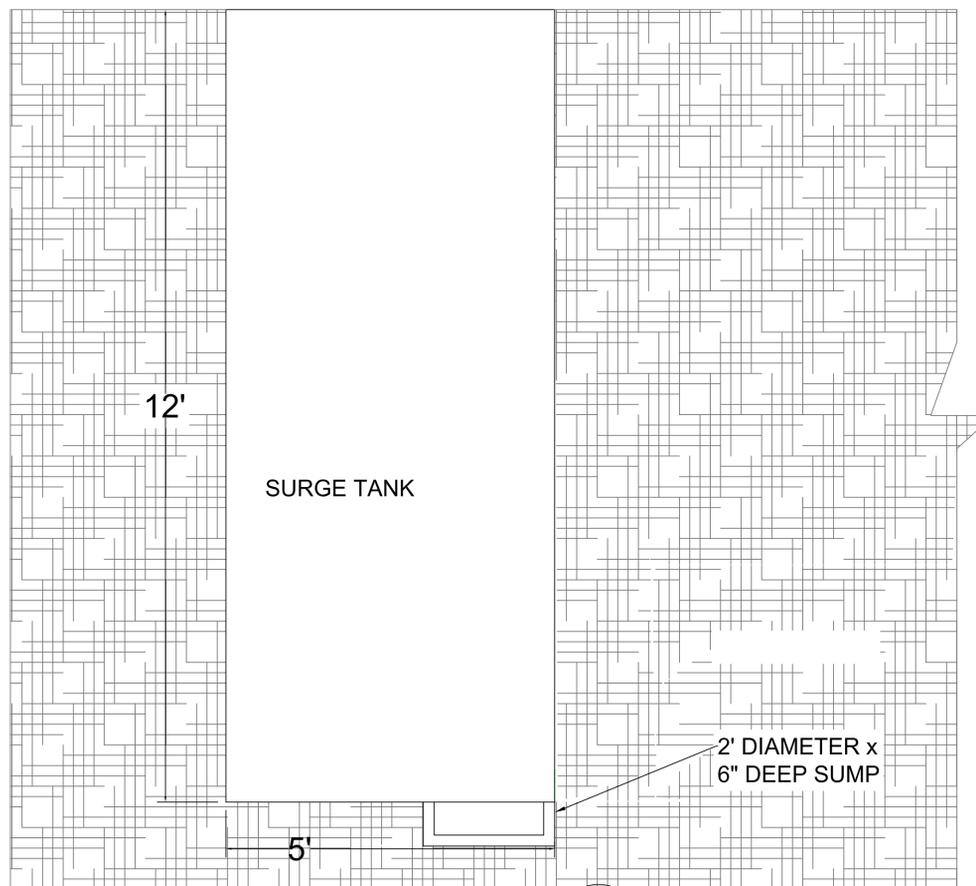
NO.	DATE	DESCRIPTION
1.	6/16/2017	ADD SUMP SECTION

PROJECT:
 TOWN OF DELHI, NEW YORK
 MUNICIPAL SWIMMING POOL & BATH HOUSE PROJECT

DRAWING TITLE:
 SWIMMING POOL SURGE TANK PLAN & SECTIONS

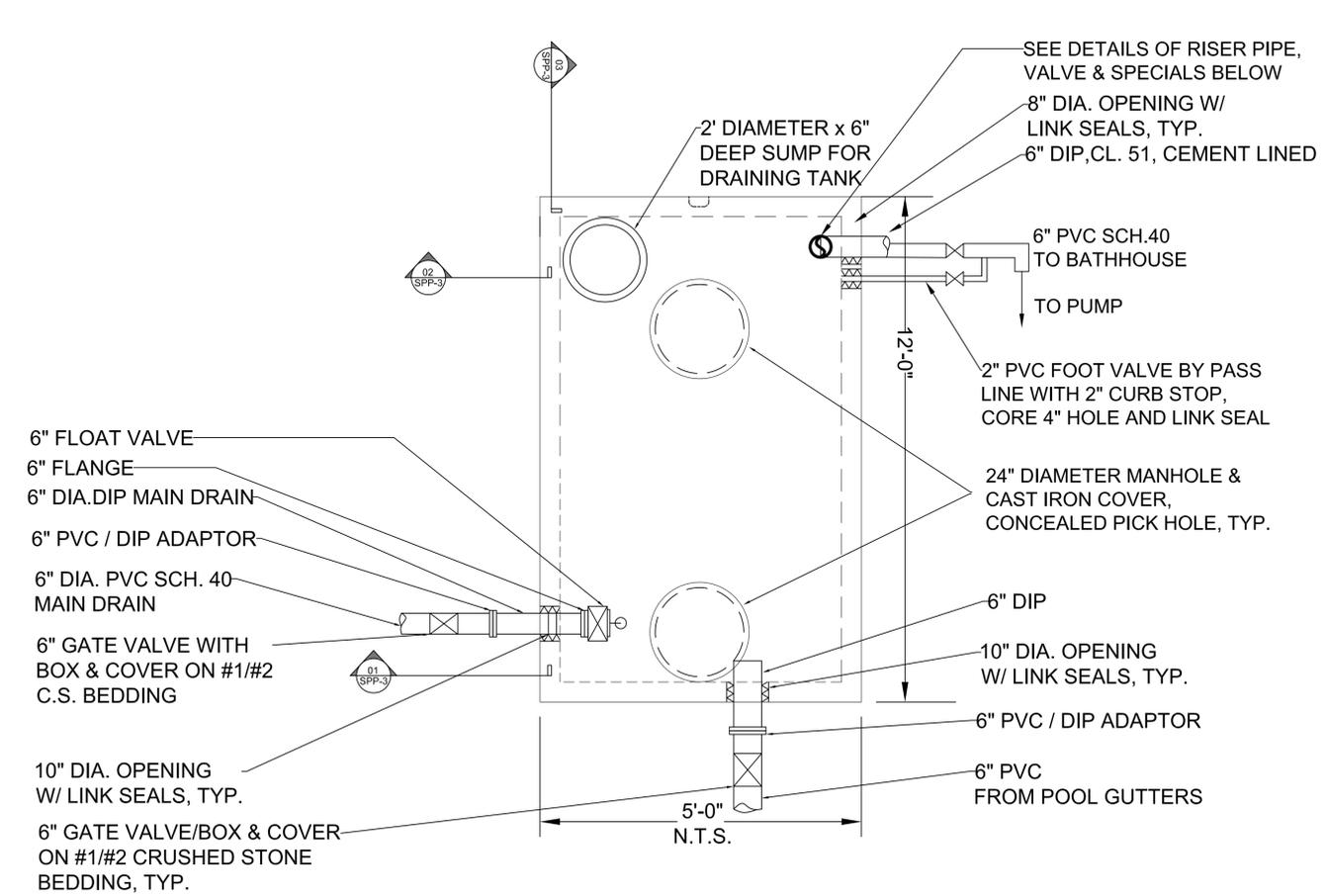
DATE: 06/26/17
 SCALE: AS SHOWN
 DRAWN BY: S.D./J.X.
 REVIEWED BY: R.P.
 JOB ID: DT016-001

DRAWING NO:
 SECTION NO. / SHEET NO.
SPP-3/19



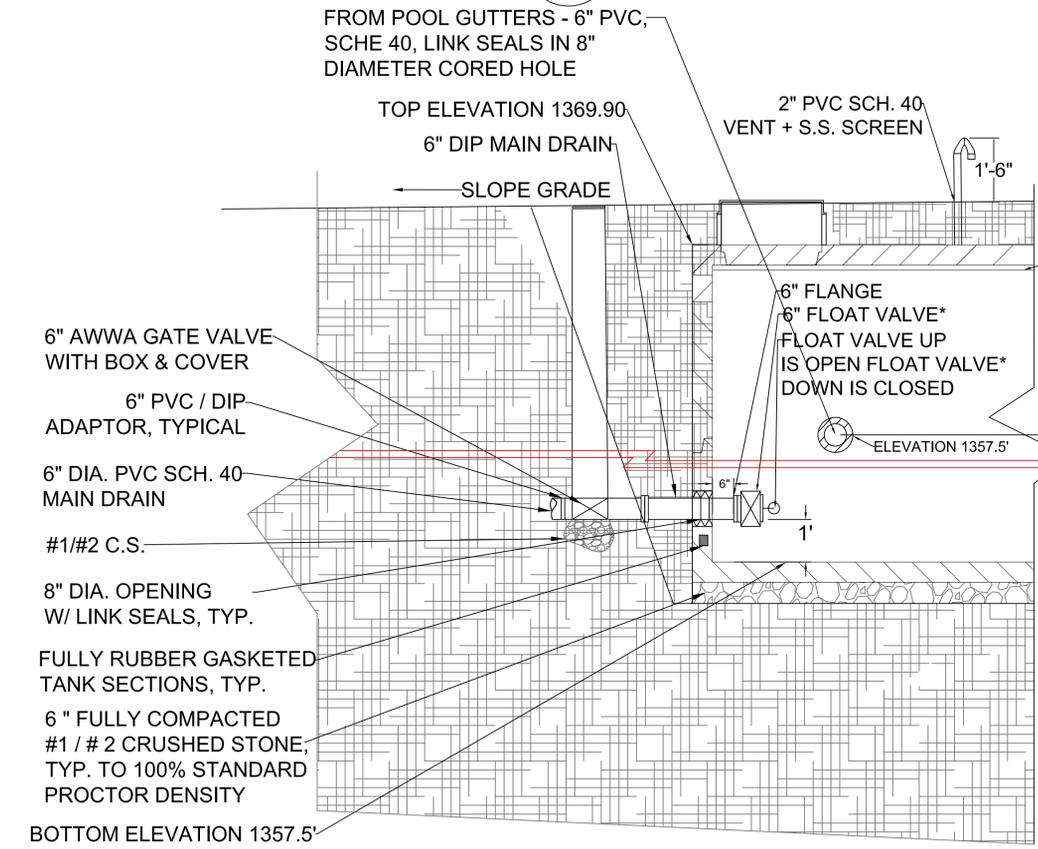
SUMP SECTION
 N.T.S.

03
 SPP-3



PLAN VIEW AT TOP OF 5000 GAL. SURGE TANK
 SCALE: 1/2" = 1'

NOTE:
 SURGE TANK STRUCTURE DESIGN TO BE SEALED BY NYSPE.

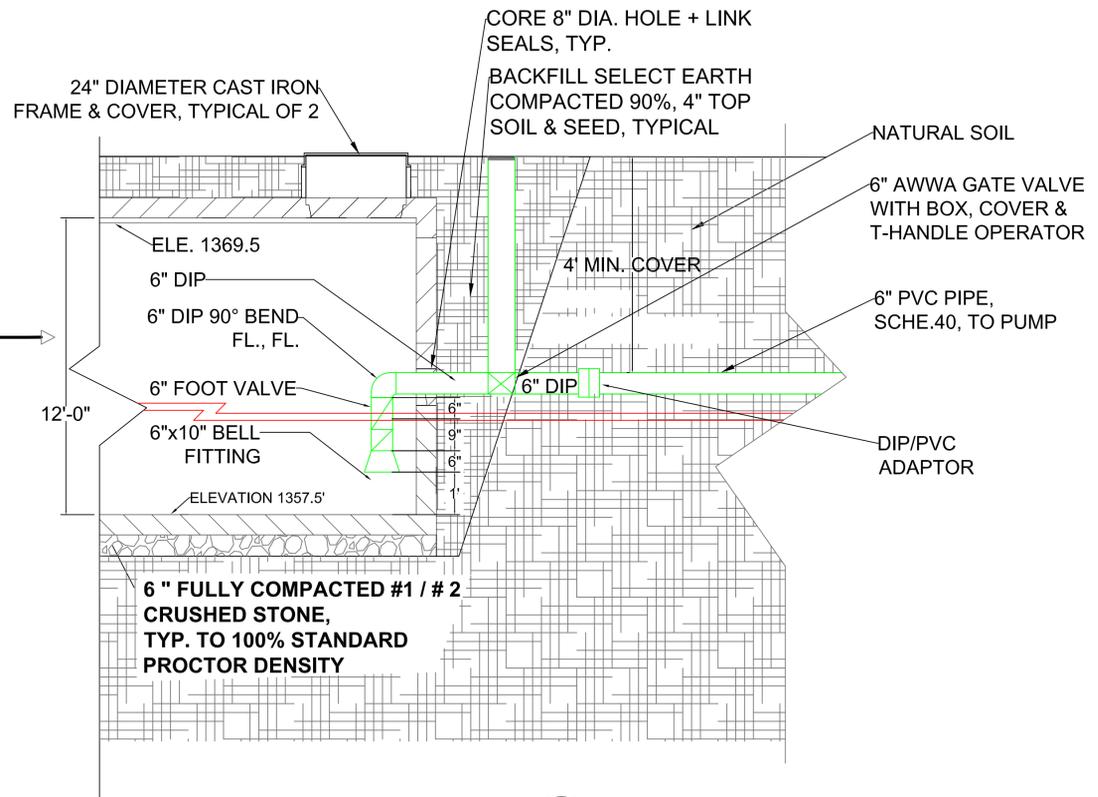


SURGE TANK SECTION
 N.T.S.

01
 SPP-3

* FLOAT VALVE MODEL
 RECREONICS RECREONICS
 6" MODULATING FLOAT VALVE
 OR EQUAL.

TIP TANK 1" TO REAR FOR DRAINAGE



SURGE TANK SECTION
 N.T.S.

02
 SPP-3

CLIENT:
 TOWN OF DELHI, NEW YORK
 5 ELM STREET
 DELHI, NEW YORK 13753



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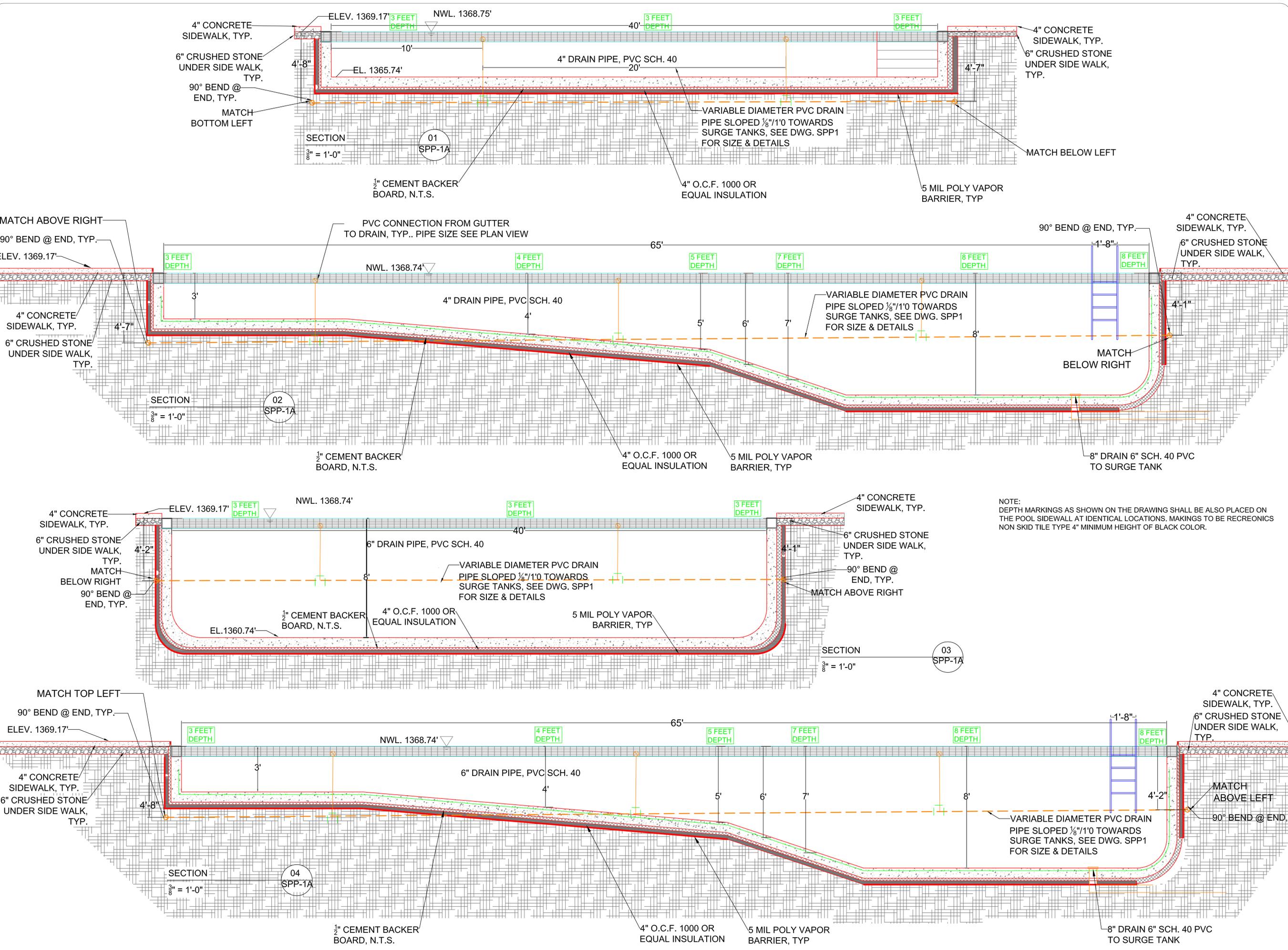
NO.	DATE	DESCRIPTION
1.	6/15/2017	ADD DEPTH MARKING, NOTE & LADDER

PROJECT:
 TOWN OF DELHI, NEW YORK
 MUNICIPAL SWIMMING POOL & BATH HOUSE PROJECT

DRAWING TITLE:
 POOL OVERFLOW
 GUTTER SYSTEM &
 DRAIN (RETURN)
 PIPING, SECTION #1-#4

DRAWING NO:
 DATE: 08/15/17
 SCALE: 3/8" = 1'-0"
 DRAWN BY: S.D./J.X.
 REVIEWED BY: R.P.
 JOB ID: DTO16-001

SECTION NO. / SHEET NO.
SPP-5/21



NOTE:
 DEPTH MARKINGS AS SHOWN ON THE DRAWING SHALL BE ALSO PLACED ON THE POOL SIDEWALL AT IDENTICAL LOCATIONS. MARKINGS TO BE RECREONICS NON SKID TILE TYPE 4" MINIMUM HEIGHT OF BLACK COLOR.

CLIENT:
 TOWN OF DELHI, NEW YORK
 5 ELM STREET
 DELHI, NEW YORK 13753



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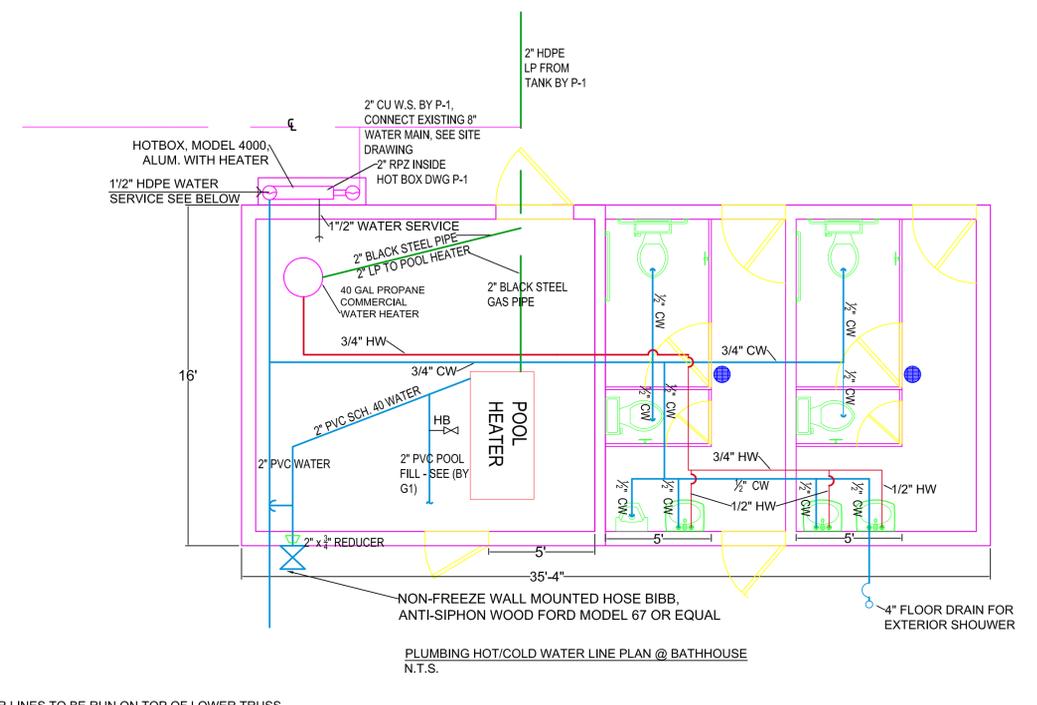
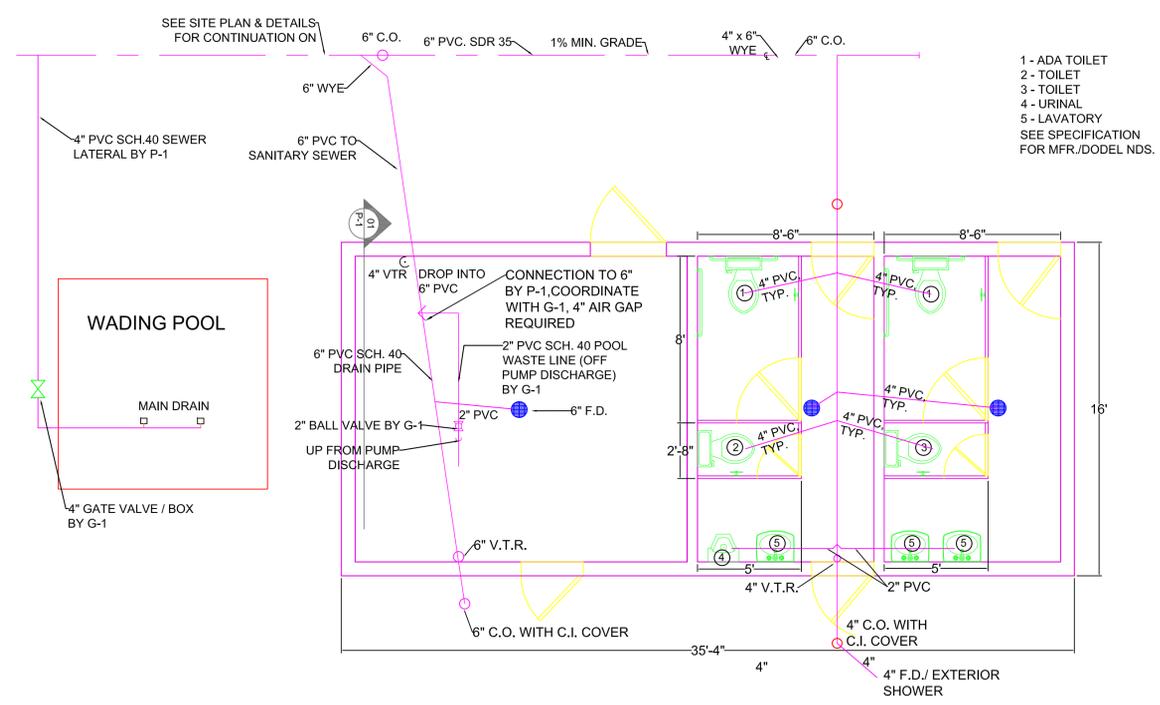
NO.	DATE	DESCRIPTION
1.	6/15/2017	HOSE BIBE

PROJECT:
 TOWN OF DELHI, NEW YORK
 MUNICIPAL SWIMMING POOL
 & BATH HOUSE PROJECT

DRAWING TITLE:
 BATH HOUSE WATER LINES,
 PLUMBING, FIXTURES, POOL
 FILL SYSTEM, & DRAIN
 SYSTEM

DATE: 06/26/17
SCALE: N.T.S.
DRAWN BY: J.L.M./J.X.
REVIEWED BY: R.P.
JOB ID: DT016-001

DRAWING NO:
 SECTION NO. /
 SHEET NO.
P-1/22



ALL WATER LINES TO BE RUN ON TOP OF LOWER TRUSS CHORD & SHALL BE INSTALLED TO BE EASILY DRAINED INCLUDING AIR INLET VALVES AS NEC. ALL WATER LINES ATTACHED TO WALL INTERIOR; LINES SHALL NOT BE EMBEDDED IN CONCRETE NOR RUN INSIDE MASONRY WALLS

GENERAL PLUMBING NOTE:
 ALL SEWER PIPING SHALL BE SCH. 40 PVC (INSIDE) & PVC SDR 35 (OUTSIDE) SUBMIT ALL PIPING HANGERS & SPECIALS FOR APPROVAL

ALL HOT & COLD WATER TO BE TYPE "K" OR TYPE "N" COPPER SET UP FOR WINTER BLOW DOWN, PROVIDE HOSE BIBBS AS NEEDED ALONG WATER LINES FOR DRAINING

SEE SITE PLAN FOR CONTINUATION OF GAS & WATER PLUMBING PIPING

RUN WATER PIPING OVERHEAD, SUPPORT ON LOWER TRUSS CHORD, TYP. SUBMIT HANGERS FOR APPROVAL. MAX SPACING 4'0" CC.

REFER TO SITE PLAN DWGS. FOR DETAILS SHOWING REQUIREMENTS FOR UNDERGROUND SANITARY SEWER LATERAL & NEW 2" HDPE, DR11 OR TYPE K COPPER WATER SERVICE INSTALLATION

THE CONTRACTOR SHALL OBTAIN INFORMATION ABOUT THE EXISTING UNDERGROUND UTILITIES FROM LOCAL AUTHORITY (DELHI) RECORDS AND SHALL DETERMINE THE EXACT LOCATION AND ELEVATION OF EXISTING UTILITIES BY FIELD INVESTIGATION.

THE CONTRACTOR SHALL OBTAIN PERMITS FROM ALL FEDERAL, STATE, AND/OR LOCAL PERMIT AUTHORITY HAVING JURISDICTION OVER ANY PHASE OF CONSTRUCTION ASSOCIATED WITH THE INSTALLATION OF THIS SYSTEM.

THE CONTRACTOR SHALL MAINTAIN THE CONSTRUCTION SITE IN A NON-HAZARDOUS CONDITION ALL IN ACCORDANCE WITH THE REQUIREMENTS OF THE NEW YORK STATE DEPARTMENT OF LABOR, OSHA, AND ALL OTHER AGENCIES HAVING JURISDICTION. UNLESS OTHERWISE APPROVED IN WRITING (BY DELHI), THE CONTRACTOR SHALL ERECT AND MAINTAIN ADEQUATE FENCING AROUND ALL OPEN EXCAVATIONS.

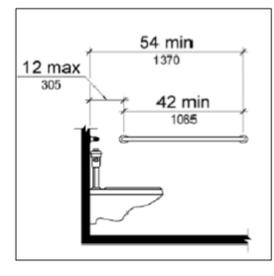
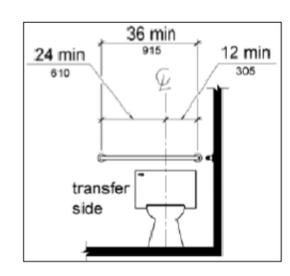
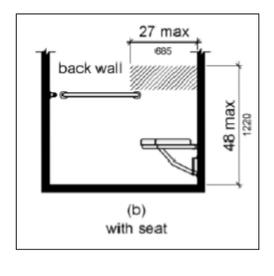
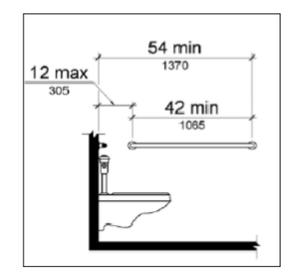
THE CONTRACTOR SHALL CHECK THE LOCATION, ELEVATIONS, INVERTS, POSITIONS, AND SIZES OF ALL CONNECTIONS ON THE EXISTING HYDRANT WHERE A 2-1/2" DIAMETER WATER SUPPLY CONNECTION TO THE BATH HOUSE IS TO BE MADE. PROVIDE ISOLATION VALVE (LOCKED OPEN) AT THE HYDRANT.

THE CONTRACTOR SHALL PROVIDE EXCAVATION FROM THE HYDRANT CONNECTION TO THE BATH HOUSE.

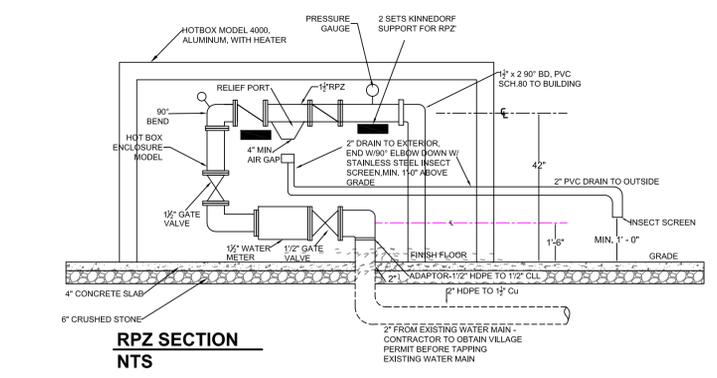
THE CONTRACTOR SHALL INSTALL 2" DIAMETER UNDERGROUND PIPING FROM THE UTILITY TO THE BATH HOUSE INCLUDING WALL PENETRATION INTO THE BATH HOUSE AT THE FILTER ROOM. THE INSTALLATION SHALL COMPLY WITH AWWA STANDARDS. CONNECTION TO THE HYDRANT SHALL BE MADE AT HOURS TO BE DETERMINED BY THE LOCAL AUTHORITIES. THE LOCAL AUTHORITY IS VILLAGE OF DELHI, P. O. BOX 328, DELHI, NY 13753, ATTENTION: MR. DAVID CURLEY, SUPERINTENDENT OF PUBLIC WORKS.

THE CONTRACTOR SHALL INSTALL WATER METER AND ISOLATION VALVES, AND RPZ VALVE AS MANUFACTURED BY WATTS, MODEL 909QT SERIES IN THE FILTER ROOM.

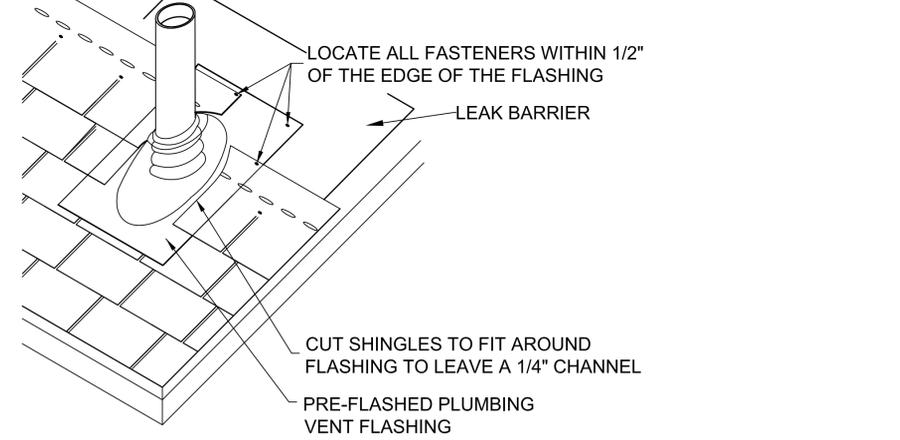
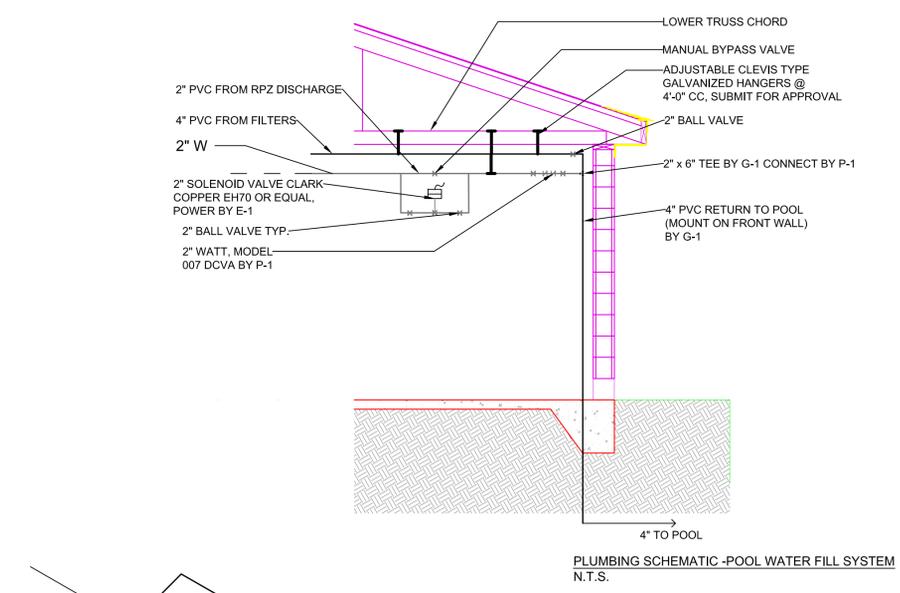
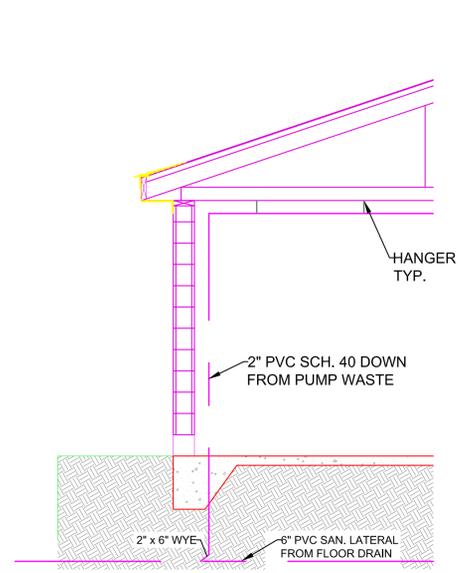
WATER SUPPLY PIPING SHALL BE INSPECTED, TESTED AND APPROVED BEFORE BACK FILLING. CONTRACTOR TO LOCATE AND REMEDY ALL DEFECTS FOUND DURING TESTING AND SHALL REPEAT THE TEST AT NO COST TO OWNER UNTIL THE INSTALLATION IS ACCEPTED.



**HANDICAPPED BATHROOM STALL
 N.T.S.**



REFER TO SPECIFICATIONS, SECTION 15, FOR DETAILS OF PLUMBING FIXTURES & BATHROOM STALLS & ACCESSORIES



NOTES:
 1.) INSTALL 48" x 48" ICE & WATER SHIELD LEAK BARRIER TARGET SHEET
 2.) DO NOT FACE NAIL THE PLUMBING VENT FLASHING

**PLUMBING VENT FLASHING DETAIL BY P-1
 N.T.S.**

CLIENT:
 TOWN OF DELHI, NEW YORK
 5 ELM STREET
 DELHI, NEW YORK 13753



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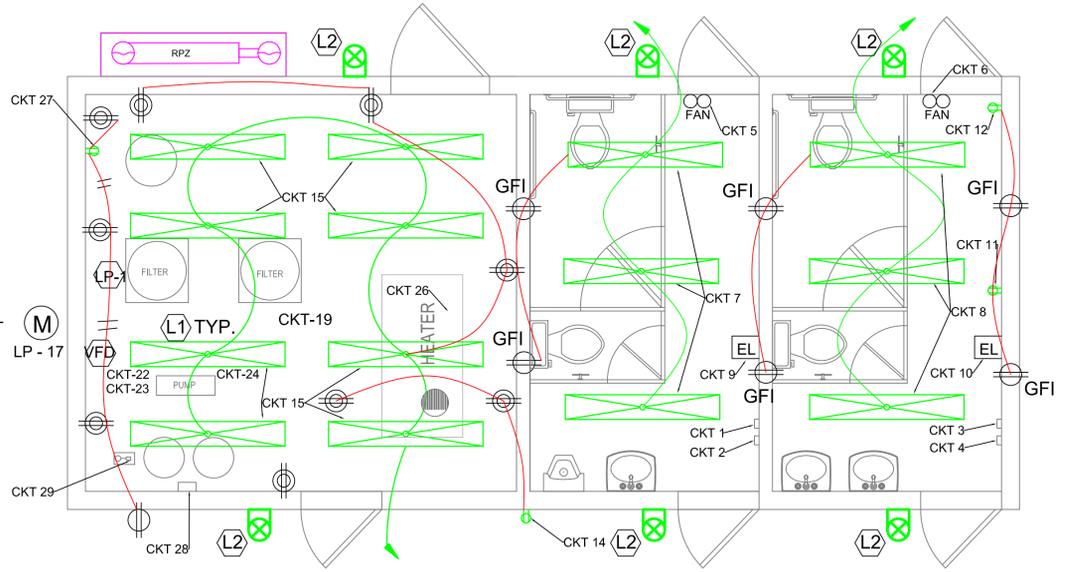
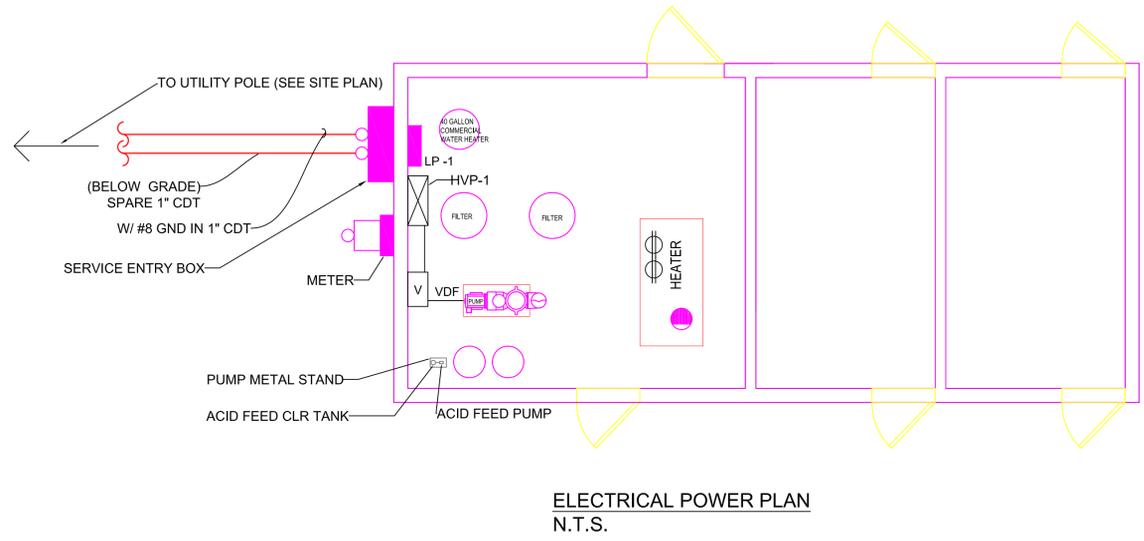
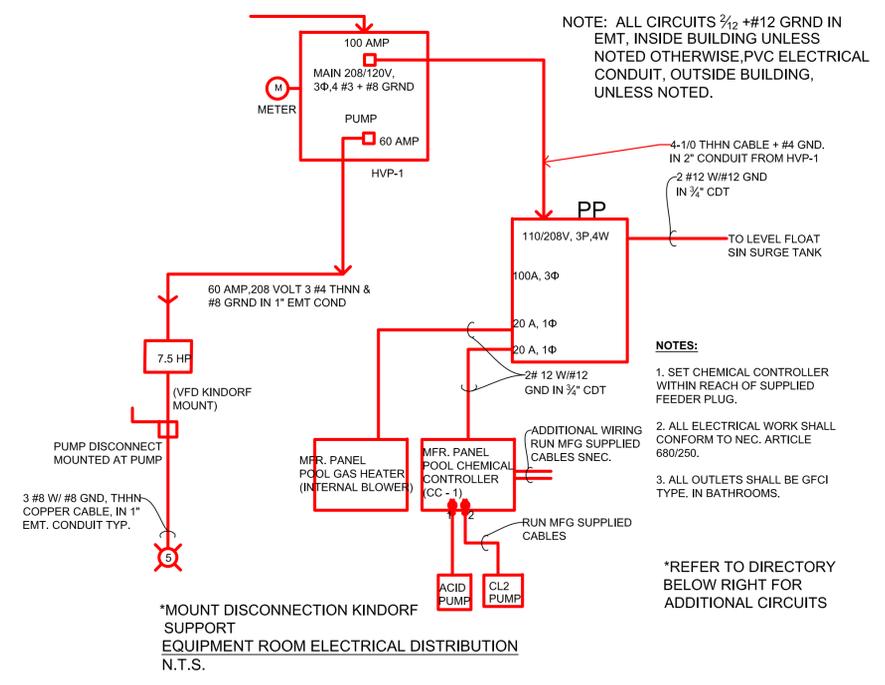
REVISIONS:

NO.	DATE	DESCRIPTION
1.		

PROJECT:
 TOWN OF DELHI, NEW YORK
 MUNICIPAL SWIMMING POOL & BATH HOUSE PROJECT

DRAWING TITLE:
 BUILDING MAIN POWER,
 EQUIPMENT ROOM
 ELECTRICAL DIST.,
 BUILDING LIGHTING
 PLAN & ELE. DIST PANEL
 LP-1 DIRECTORY

DATE: 06/26/17
SCALE: N.T.S.
DRAWN BY: J.L.M./J.X.
REVIEWED BY: R.P.
JOB ID: DT016-001
DRAWING NO:
SECTION NO. / SHEET NO.
E-1/23



ELECTRIC DISTRIBUTION PANEL

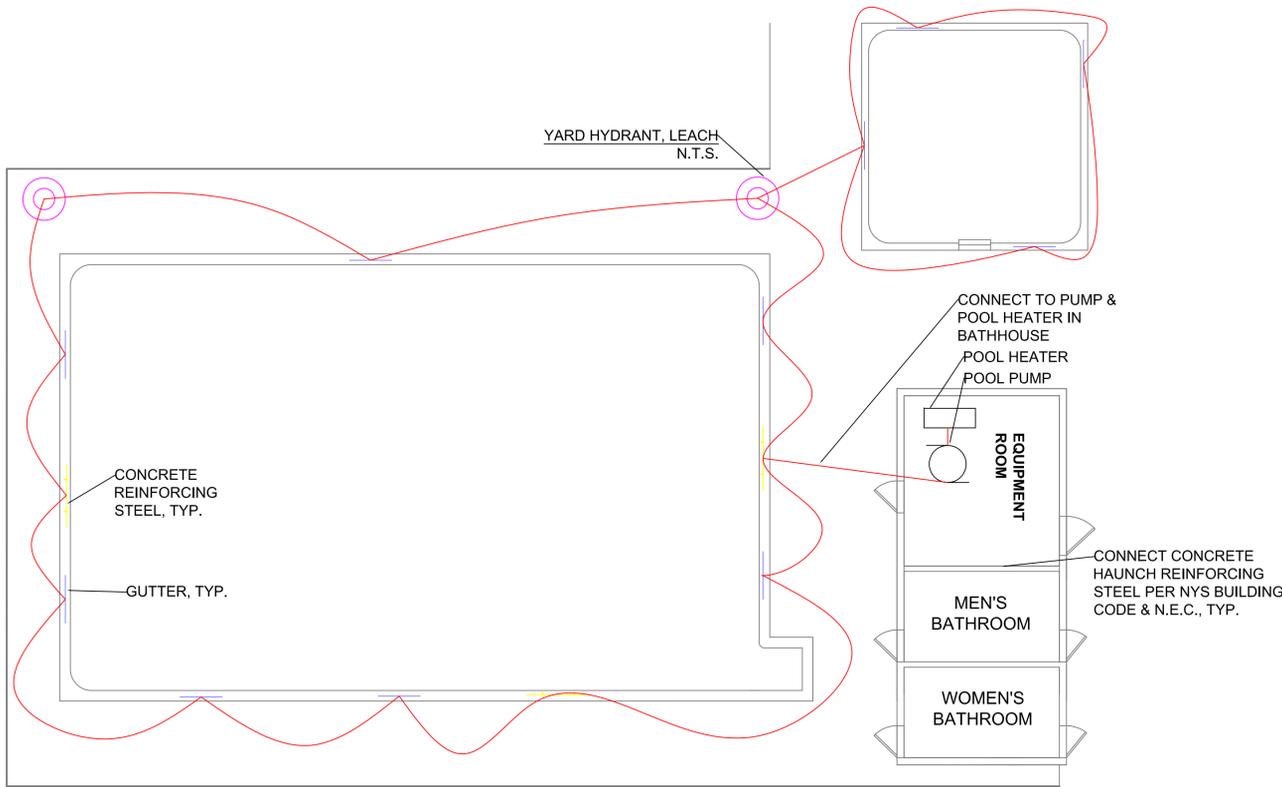
NO.	QTY.	CAT. NO.	LABEL	DESCRIPTION
(L1)	14		LED LIGHT	VAPOR TYGHT 4 3/8" WIDE x 47 3/8" LT. ECONOLITE E-VW4L04UCW, 48 WATT, TRUSS MOUNTED
(LP-1)	1	SQUARE D NQOD442L225CU	POWER PANEL	DISTR. PANEL, 120/240V P CLASS 1630 NEMA1 ENCL, MAINS RATING: 100 AMPS
(L2)	6		LED	LED BUILDING MOUNTED WALL PACK ON PHOTO CELL

EL EMERGENCY LITING

= DUPLEX ELECTRICAL RECEPTACLE
 = GROUND FAULT INTERRUPT (GFI) CIRCUIT

DISTRIBUTION PANEL LP-1, 120/240 VOLT, 1 PHASE, 3 WIRE, 100 AMP

LOCATION	EQUIPMENT ROOM				
BUILDING	BATH HOUSE - DELHI, NY				
FEEDER SIZE	3 # 3 THHN, W/#8 GND IN 2" CDT.				
CKT. NO.	TRIP. AMPS	DESCRIPTION OF LOAD	DESCRIPTION OF LOAD	TRIP. AMPS	CKT. NO.
1	20	WOMEN BRADLEY HAND DRYER	VFD	20	22
2	20	WOMEN BRADLEY HAND DRYER	VFD	20	23
3	20	MEN BRADLEY HAND DRYER	PUMP	20	24
4	20	MEN BRADLEY HAND DRYER	SPARE	20	25
5	20	PUBLIC BATHROOM FANS (WOMEN)	POOL HEATER	20	26
6	20	PUBLIC BATHROOM FANS (MEN)	EQUIPMENT ROOM RECEPTACLE	20	27
7	20	MAN BATHROOM LED LIGHTING	EQUIPMENT ROOM CL2 METER PUMP	20	28
8	20	WOMAN BATHROOM LED LIGHTING	EQUIPMENT ROOM ACID PUMP	20	29
9	20	WOMEN BATHROOM EMERGENCY LITING	SPARE	20	30
10	20	MEN BATHROOM EMERGENCY LITING	SPARE	20	31
11	20	BATHROOM RECEPTACLE	SPARE	20	32
12	20	BATHROOM RECEPTACLE	SPARE	20	33
13	20	SPARE	SPARE	20	34
14	20	BUILDING MOUNTED OUTSIDE RECEPTACLE	BLANK	—	35
15	20	EQUIPMENT ROOM LED LIGHTING	BLANK	—	36
16	20	SPARE	BLANK	—	37
17	20	BLANK	BLANK	—	38
18	20	BLANK	BLANK	—	39
19	20	BLANK	BLANK	—	40
20	20	BLANK	BLANK	—	41
21	20	BLANK	BLANK	—	42



NOTE: ELECTRICAL BONDING PLAN NTS

- INSTALL PER NEC 2008, SECTION 680.26(C) REQUIREMENTS
- USE #8 COATED TAILS OF F BOUND LOOP TO EQUIPMENT AND STEEL NOT IMMEDIATELY ADJACENT TO BOND LOOP
- BOND ALL ANCHORS AT ALL HANDRAILS, GRABBERS, LADDERS, WATER GUTTERS(30' C-C), STANCHIONS, ETC. TYP.
- PROVIDE OWNER AND G.C. A COPY OF THE CERTIFIED UNDERWRITERS BONDING CERTIFICATE PRIOR TO START UP OF SYSTEM
- ALL METAL USED IN THE TWO (2) POOLS' CONSTRUCTION SHALL BE BONDED IN ACCORD WITH NECESSARY INCLUDING ALL HANDRAIL, LADDER, GUTTER AND SO FORTH ELECTRICAL INSPECTION & APPROVAL REQUIRED

GENERAL ELECTRICAL NOTES:

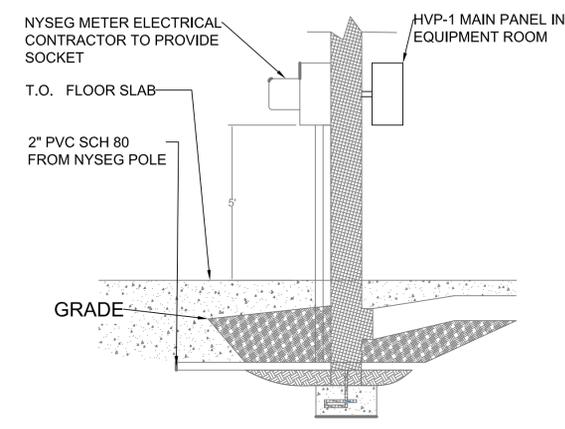
THE ELECTRICAL CONTRACTOR SHALL OBTAIN INFORMATION ABOUT THE EXISTING UNDERGROUND UTILITIES FROM LOCAL AUTHORITY (DELHI VILLAGE) RECORDS AND SHALL DETERMINE THE EXACT LOCATION AND ELEVATION OF EXISTING UTILITIES BY FIELD INVESTIGATION.

THE ELECTRICAL CONTRACTOR SHALL OBTAIN PERMITS FROM ALL FEDERAL, STATE, AND/OR LOCAL PERMIT AUTHORITY HAVING JURISDICTION OVER ANY PHASE OF CONSTRUCTION ASSOCIATED WITH THE INSTALLATION.

THE ELECTRICAL CONTRACTOR SHALL MAINTAIN THE CONSTRUCTION SITE IN A NON-HAZARDOUS CONDITION IN ACCORDANCE WITH THE REQUIREMENT OF THE NEW YORK STATE DEPARTMENT OF LABOR, OSHA, AND ALL OTHER AGENCIES HAVING JURISDICTION. UNLESS OTHERWISE APPROVED IN WRITING BY DELHI TOWN, THE CONTRACTOR SHALL ERECT AND MAINTAIN ADEQUATE FENCING AROUND ALL OPEN EXCAVATION.

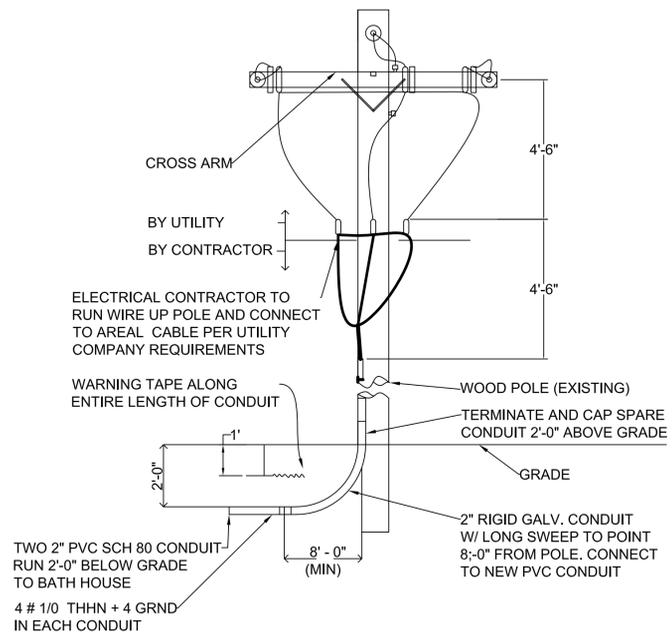
ALL WIRING AND CONDUIT INSTALLATION SHALL CONFORM TO NATIONAL ELECTRIC CODE (NEC) AND LOCAL REQUIREMENTS.

ALL INTERIOR ELECTRICAL CONDUIT SHALL BE EMT FASTENERS SHALL BE OF GALVANIZED STEEL CONSTRUCTION

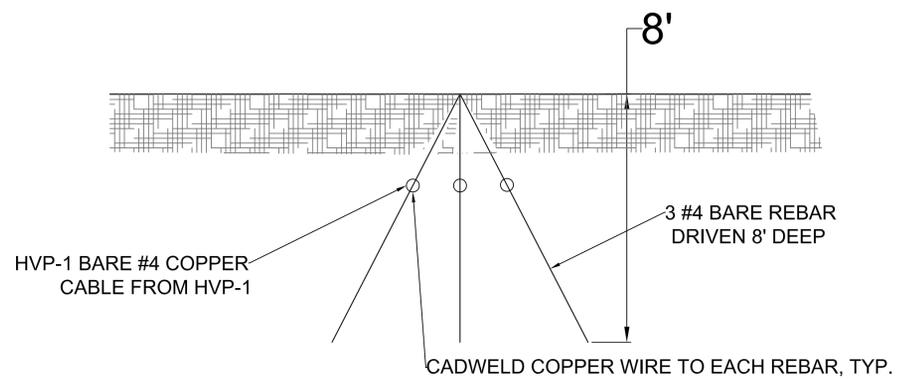


ELEC. METER ELEVATION

- NOTES:**
- POLE IS EXISTING, MODIFY TO CONFORM TO UTILITY COMPANY REQUIREMENTS. DISCONNECT AND REMOVE ABANDONED MATERIALS
 - PROVIDE 2" RIGID GALVANIZED CONDUIT TO A POINT 8' - 0" BELOW CROSS ARM ON POLE. PROVIDE 90° SWEEP UNDERGROUND AND RUN CONDUIT 8' - 0" AT WHICH POINT CONNECT TO PVC CONDUIT. THE REMAINDER OF RUN TO BE 2" PVC SCH 80 ELECTRICAL CONDUIT
 - PROVIDE ONE SPARE 3" SCH 80 PVC CONDUIT FROM TRANSFORMER TO 2'- 0" UP POLE ABOVE GRADE. CAP ENDS, INSTALL PULL WIRE
 - CONTRACTOR TO PROVIDE ALL NECESSARY MATERIALS TO RUN CONDUIT AND WIRE UP THE POLE AND SECURE TO POLE



UTILITY POLE DETAIL NOT TO SCALE



ELECTRICAL GROUNDING DETAIL N.T.S.

* REQUIRED FOR HDPE PIPE WATER SERVICE ONLY. USE 2" COPPER WATER SERVICE FOR ALTERNATE ELECTRICAL GROUND METHOD, INSTALLED BY E.C, CONTRACT E-1 AT P-1 EXPENSE IF HDPE

CLIENT:
 TOWN OF DELHI, NEW YORK
 5 ELM STREET
 DELHI, NEW YORK 13753



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REVISIONS:

NO.	DATE	DESCRIPTION
1.	6/15/2017	BONDING NOTES

PROJECT:

TOWN OF DELHI, NEW YORK
 MUNICIPAL SWIMMING POOL & BATH HOUSE PROJECT

DRAWING TITLE:

ELECTRICAL PLAN & FILTER ROOM SUB-PANEL SCHEDULE

DATE: 07/27/17
 SCALE: AS SHOWN
 DRAWN BY: J.X.
 REVIEWED BY: R.P.
 JOB NO: DT016-001

DRAWING NO:

SECTION NO. / SHEET NO.
E-2/24