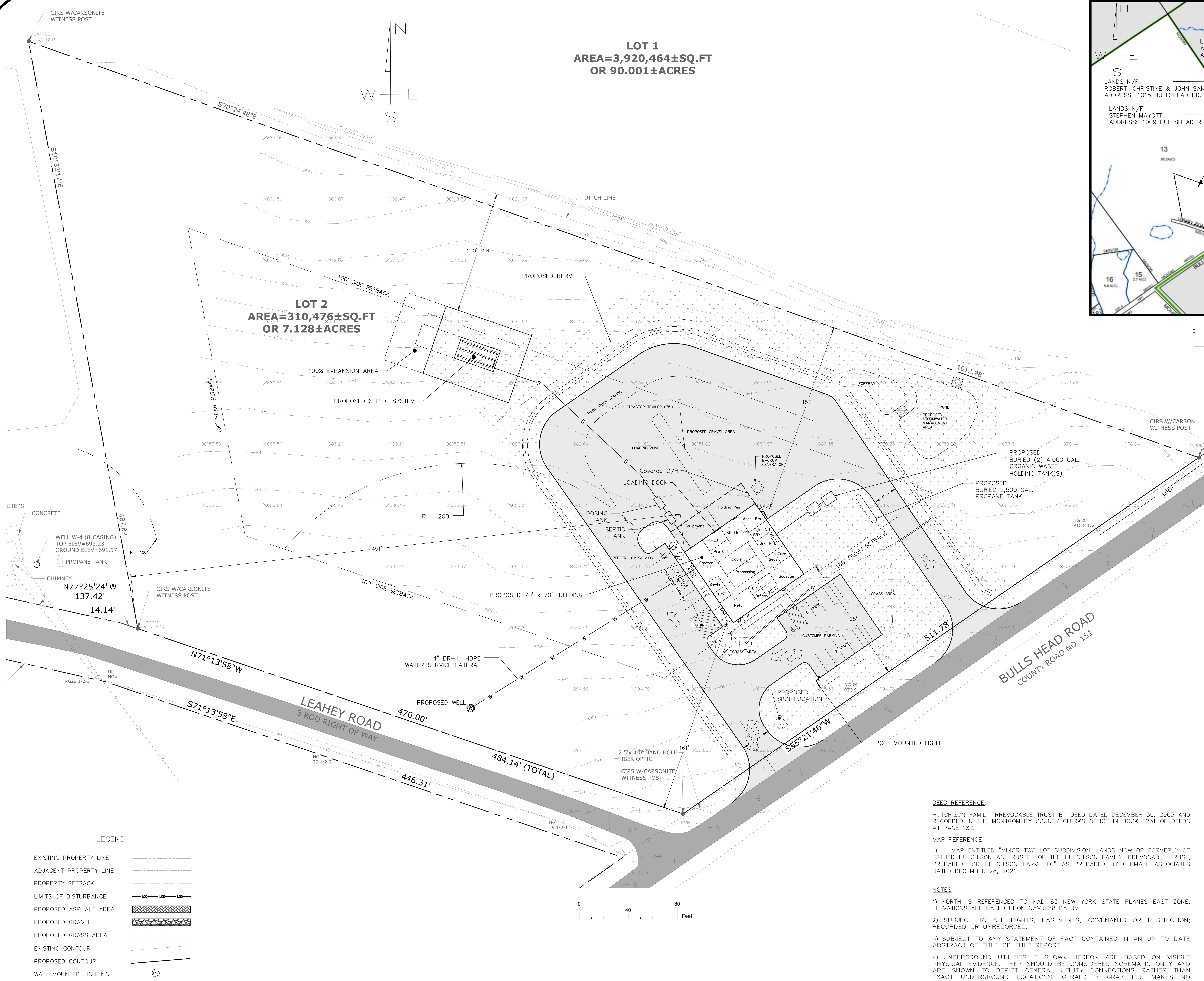
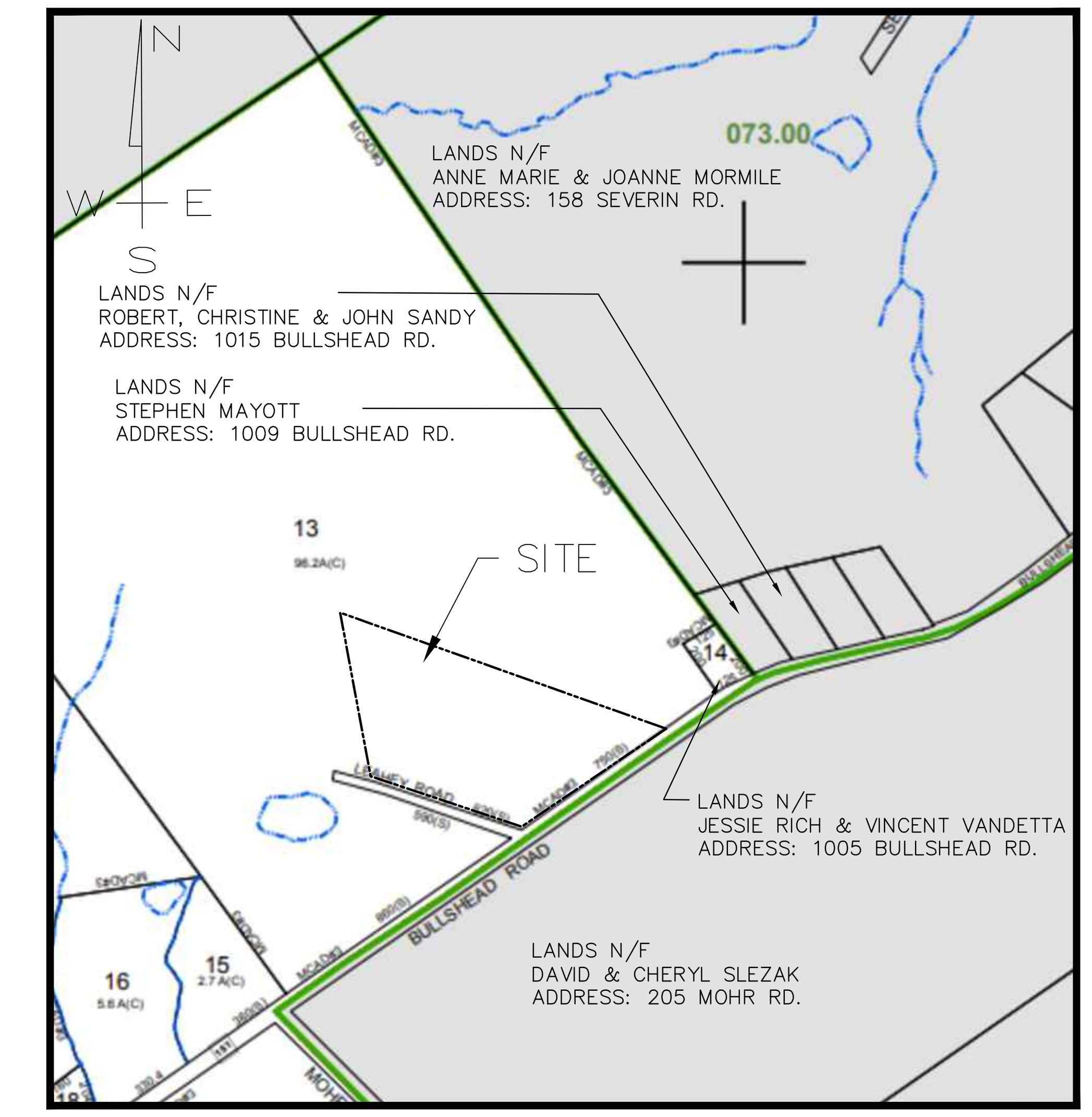

LOT 1
AREA=3,920,464±SQ.FT
OR 90.001±ACRES
LOT 2
AREA=310,476±SQ.FT
OR 7.128±ACRES
CIRS W/CARSONITE WITNESS POST
S70°24'48"E
S10°32'17"E
DITCH LINE
PLANTED FIELD
100' MIN
100' SIDE SETBACK
100' REAR SETBACK
100' FRONT SETBACK
PROPOSED BERM
100% EXPANSION AREA
PROPOSED SEPTIC SYSTEM
THRU TRUCK TRAFFIC
TRACTOR TRAILER (75')
PROPOSED GRAVEL AREA
LOADING ZONE
Covered O/H
LOADING DOCK
PROPOSED BACKUP GENERATOR
DOSING TANK
SEPTIC TANK
FREEZER COMPRESSOR
PROPOSED 70' x 70' BUILDING
CUSTOMER PARKING
GRASS AREA
FOREBAY
POND
PROPOSED STORMWATER MANAGEMENT AREA
PROPOSED BURIED (2) 4,000 GAL. ORGANIC WASTE HOLDING TANK(S)
PROPOSED BURIED 2,500 GAL. PROPANE TANK
1013.98'
157'
20'
105'
161'
511.78'
R = 200'
451'
487.82'
STEPS
CONCRETE
WELL W-4 (8"CASING)
TOP ELEV=693.23
GROUND ELEV=691.97
PROPANE TANK
CHIMNEY
N77°25'24"W
137.42'
14.14'
N71°13'58"W
470.00'
484.14' (TOTAL)
S71°13'58"E
446.31'
S55°21'46"W
4" DR-11 HDPE WATER SERVICE LATERAL
PROPOSED WELL
PROPOSED SIGN LOCATION
POLE MOUNTED LIGHT
2.5'x4.0' HAND HOLE FIBER OPTIC
LEAHEY ROAD
3 ROD RIGHT OF WAY
BULLS HEAD ROAD
COUNTY ROAD NO. 151
LEGEND
EXISTING PROPERTY LINE
ADJACENT PROPERTY LINE
PROPERTY SETBACK
LIMITS OF DISTURBANCE
PROPOSED ASPHALT AREA
PROPOSED GRAVEL
PROPOSED GRASS AREA
EXISTING CONTOUR
PROPOSED CONTOUR
WALL MOUNTED LIGHTING
0 40 80
Feet


LANDS N/F
ANNE MARIE & JOANNE MORMILE
ADDRESS: 158 SEVERIN RD.
LANDS N/F
ROBERT, CHRISTINE & JOHN SANDY
ADDRESS: 1015 BULLSHEAD RD.
LANDS N/F
STEPHEN MAYOTT
ADDRESS: 1009 BULLSHEAD RD.
SITE
LANDS N/F
JESSIE RICH & VINCENT VANDETTA
ADDRESS: 1005 BULLSHEAD RD.
LANDS N/F
DAVID & CHERYL SLEZAK
ADDRESS: 205 MOHR RD.
073.00
BULLSHEAD ROAD
VICINITY MAP
0 1000 2000 Feet

DEED REFERENCE:

HUTCHISON FAMILY IRREVOCABLE TRUST BY DEED DATED DECEMBER 30, 2003 AND RECORDED IN THE MONTGOMERY COUNTY CLERKS OFFICE IN BOOK 1231 OF DEEDS AT PAGE 182.

MAP REFERENCE:

1) MAP ENTITLED "MINOR TWO LOT SUBDIVISION, LANDS NOW OR FORMERLY OF ESTHER HUTCHISON AS TRUSTEE OF THE HUTCHISON FAMILY IRREVOCABLE TRUST, PREPARED FOR HUTCHISON FARM LLC" AS PREPARED BY C.T.MALE ASSOCIATES DATED DECEMBER 28, 2021.

NOTES:

1) NORTH IS REFERENCED TO NAD 83 NEW YORK STATE PLANES EAST ZONE. ELEVATIONS ARE BASED UPON NAVD 88 DATUM.

2) SUBJECT TO ALL RIGHTS, EASEMENTS, COVENANTS OR RESTRICTION; RECORDED OR UNRECORDED.

3) SUBJECT TO ANY STATEMENT OF FACT CONTAINED IN AN UP TO DATE ABSTRACT OF TITLE OR TITLE REPORT.

4) UNDERGROUND UTILITIES IF SHOWN HEREON ARE BASED ON VISIBLE PHYSICAL EVIDENCE. THEY SHOULD BE CONSIDERED SCHEMATIC ONLY AND ARE SHOWN TO DEPICT GENERAL UTILITY CONNECTIONS RATHER THAN EXACT UNDERGROUND LOCATIONS. GERALD R GRAY PLS MAKES NO CERTIFICATION AS TO THE ACCURACY OF THE UNDERGROUND UTILITY LOCATIONS AND OTHER UTILITIES MAY EXIST THAT ARE NOT SHOWN ON THIS MAP. CALL DIGSAFE FOR FURTHER VERIFICATION.

PROJECT INFORMATION:

OWNER/APPLICANT:
HUTCHISON HARVEST INC..
190 HUTCHISON ROAD
AMSTERDAM, NY 12010

PROPERTY TAX MAP NUMBER
88.-1-13

PARCEL AREA:
7.13± AC
310,476± SF

MUNICIPALITY:
TOWN OF FLORIDA
MONTGOMERY COUNTY

SCHOOL DISTRICT:
AMSTERDAM

FIRE DISTRICT:
FLORIDA FIRE PROTECTION

ZONING:
AGRICULTURE

APPLICABLE ALLOWED USES:
FARM PRODUCTS PLANT (BY SPECIAL USE PERMIT)

PROPOSED DEVELOPMENT:
CONSTRUCTION ONE (1) STRUCTURE
UNIT STRUCTURES TOTAL GSF = 5,250
WITH ASSOCIATED STORMWATER MANAGEMENT SYSTEM AND SEPTIC.

PROPOSED:
WIDTH: 70 FT
LENGTH: 75 FT
HEIGHT: 25± FT

RETAIL OPERATION: 462± SF
OFFICE/STORAGE: 1,077± SF
PROCESSING/FREEZER: 3,711± SF
ANTICIPATED NO. EMPLOYEES: 7

PARKING REQUIREMENTS:
RETAIL SPACE PROPOSED: 462 SF
REQUIRED: 3/250SF OF RETAIL = 6 SPACES
PROPOSED: 13 SPACES (INCL. 1 H.C.)

OFF-STREET LOADING: 5,250 SF GROSS FLOOR AREA
1/5,000SF OF GROSS AREA = 1 SPACE

EMPLOYEE PARKING: 7 SPACES

LOT SETBACK:
FRONT REQUIRED: 100 FT
PROPOSED: 140 FT

REAR REQUIRED: 100 FT
PROPOSED: 436 FT

SIDE REQUIRED: ONE – 100 FT
BOTH – 200 FT
PROPOSED: 136± FT, 182± FT

No.	Revision Description	Date
1	REVISED TO FULL PLAN SET	6/24/22

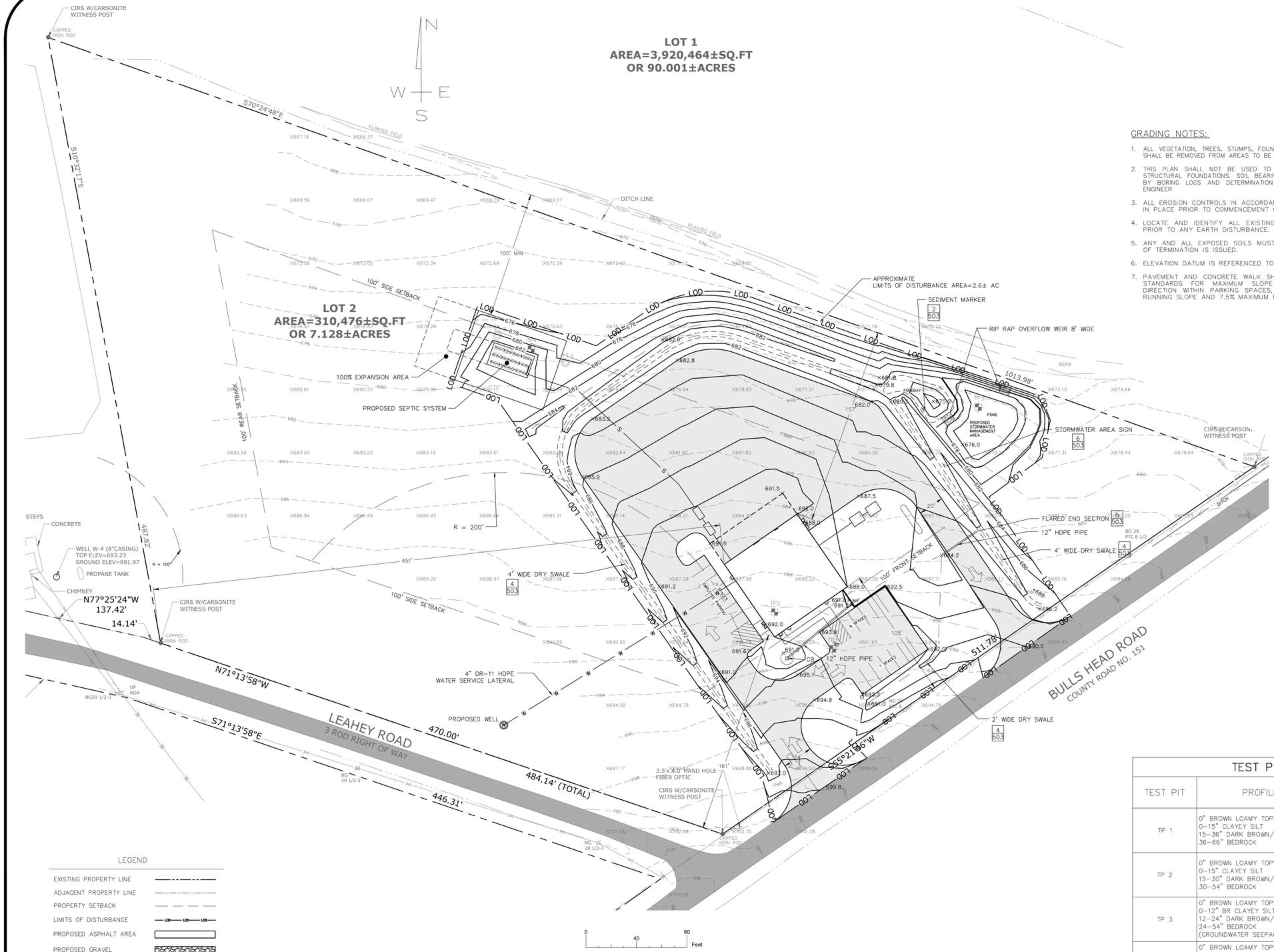
PRIOR TO ANY EARTH DISTURBANCE THE CONTRACTOR SHALL CALL IN A TICKET TO DIG SAFE NY AND OBTAIN A CLEAR TO DIG

CHRISTOPHER D. LONGO, PE
N.Y.S. LIC. # 095840

EMPIRE ENGINEERING, PLLC
1900 DUANESBURG ROAD
DUANESBURG, NY 12056
PH: (518) 858-4117
EMAIL: CLONGO@EMPIREENG.NET

PROJECT
HUTCHISON HARVEST INC.
124 LEAHEY ROAD
TOWN OF FLORIDA
AMSTERDAM, NY 12010

Title: SITE LAYOUT PLAN
Date: 03/16/2022
Scale: 1"=40'
Job#: 22006
Sheet: C101



GRADING NOTES:

1. ALL VEGETATION, TREES, STUMPS, FOUNDATIONS, ORGANIC SOILS, AND DEBRIS SHALL BE REMOVED FROM AREAS TO BE CONSTRUCTED.
2. THIS PLAN SHALL NOT BE USED TO ESTABLISH BEARING CAPACITIES FOR STRUCTURAL FOUNDATIONS. SOIL BEARING CAPACITIES SHALL BE DETERMINED BY BORING LOGS AND DETERMINATION BY A PROFESSIONAL GEOTECHNICAL ENGINEER.
3. ALL EROSION CONTROLS IN ACCORDANCE WITH THIS PLAN SET SHALL BE IN PLACE PRIOR TO COMMENCEMENT OF EARTH DISTURBANCE
4. LOCATE AND IDENTIFY ALL EXISTING UTILITIES IN THE PROJECT AREA PRIOR TO ANY EARTH DISTURBANCE.
5. ANY AND ALL EXPOSED SOILS MUST BE STABILIZED BEFORE A NOTICE OF TERMINATION IS ISSUED.
6. ELEVATION DATUM IS REFERENCED TO NGVD 1988
7. PAVEMENT AND CONCRETE WALK SHALL MEET ALL ADA ACCESSIBILITY STANDARDS FOR MAXIMUM SLOPE INCLUDING 2% SLOPE IN ANY DIRECTION WITHIN PARKING SPACES, 1.5% CROSS SLOPE, 5% MAXIMUM RUNNING SLOPE AND 7.5% MAXIMUM RAMP SLOPE.

LEGEND

- EXISTING PROPERTY LINE
- ADJACENT PROPERTY LINE
- PROPERTY SETBACK
- LIMITS OF DISTURBANCE
- PROPOSED ASPHALT AREA
- PROPOSED GRAVEL
- PROPOSED GRASS AREA
- EXISTING CONTOUR
- PROPOSED CONTOUR

TEST PIT LOG

TEST PIT	PROFILE	STABILIZED INFILTRATION RATE
TP 1	0" BROWN LOAMY TOPSOIL 0–15" CLAYEY SILT 15–36" DARK BROWN/BLACK SILT 36–66" BEDROCK	
TP 2	0" BROWN LOAMY TOPSOIL 0–15" CLAYEY SILT 15–30" DARK BROWN/BLACK SILT 30–54" BEDROCK	
TP 3	0" BROWN LOAMY TOPSOIL 0–12" BR CLAYEY SILT W/MOTTLING 12–24" DARK BROWN/CLAYEY SILT 24–54" BEDROCK (GROUNDWATER SEEPAGE AT 24")	
TP 4	0" BROWN LOAMY TOPSOIL 0–12" BR CLAYEY SILT W/MOTTLING 12–24" DARK BROWN/CLAYEY SILT 24–54" BEDROCK (GROUNDWATER SEEPAGE AT 24")	PT 1 8:30, 11:15, 12:00 PT 2 5:30, 5:30, 6:15
TEST PITS PERFORMED ON 05/13/22 BY: C. LONGO, PE		PT PERFORMED AT 12" DEPTH

No.	Revision Description	Date

PRIOR TO ANY EARTH DISTURBANCE THE CONTRACTOR SHALL CALL IN A TICKET TO DIG SAFE NY AND OBTAIN A CLEAR TO DIG

IT IS A VIOLATION OF SECTION 7209 OF THE NYS EDUCATION LAW FOR ANY PERSON TO ALTER ANY ITEM ON THIS PLAN IN ANY WAY UNLESS HE/SHE IS ACTING UNDER THE DIRECT SUPERVISION OF A PROFESSIONAL ENGINEER

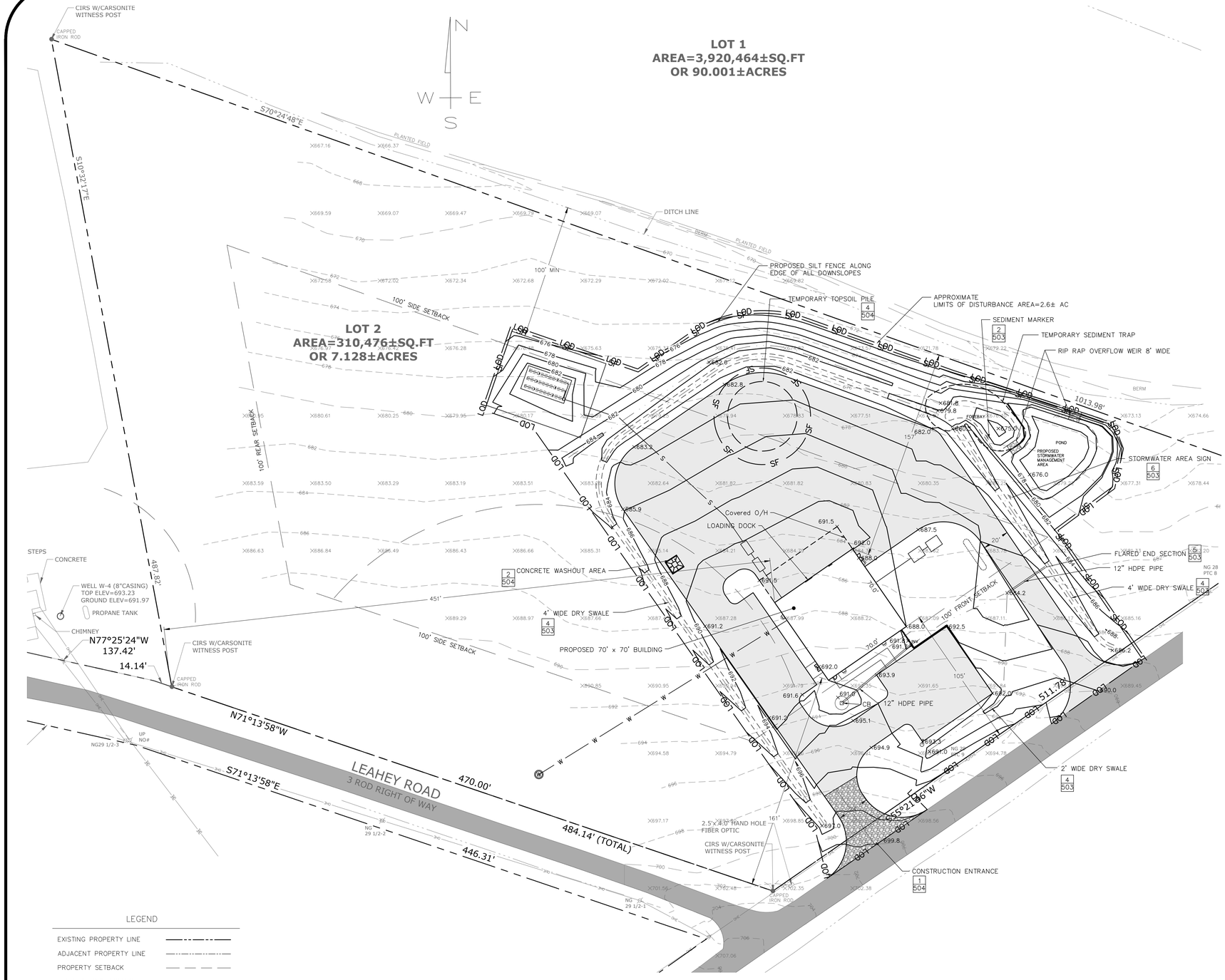
CHRISTOPHER D. LONGO, PE
N.Y.S. LIC. # 095840

EMPIRE ENGINEERING, PLLC
1900 DUANESBURG ROAD
DUANESBURG, NY 12056
PH: (518) 858-4117
EMAIL: CLONGO@EMPIREENG.NET

PROJECT
HUTCHISON HARVEST INC.
124 LEAHEY ROAD
TOWN OF FLORIDA
AMSTERDAM, NY 12010

Title: GRADING & DRAINAGE PLAN

Date: 06/24/2022
Scale: 1"=40'
Job#: 22006
Sheet: C102



LEGEND

- EXISTING PROPERTY LINE
- ADJACENT PROPERTY LINE
- PROPERTY SETBACK
- LIMITS OF DISTURBANCE
- SILT FENCE
- PROPOSED ASPHALT AREA
- PROPOSED GRAVEL
- PROPOSED GRASS AREA
- EXISTING CONTOUR
- PROPOSED CONTOUR

EROSION & SEDIMENT CONTROL GENERAL NOTES:

1. THIS PROJECT QUALIFIES FOR COVERAGE UNDER THE NYSDEC GENERAL PERMIT GP 0-20-001. A NOTICE OF INTENT (NOI) MUST BE FILED WITH THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION AND AUTHORIZATION RECEIVED PRIOR TO CONSTRUCTION ACTIVITIES.

2. A STORMWATER POLLUTION PREVENTION PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION SPDES GENERAL PERMIT FOR STORMWATER DISCHARGES GP 0-20-001 AND SHALL BE CONSIDERED SUPPLEMENTAL TO THESE PLANS.

3. ANY CONTRACTOR INVOLVED IN ANY EARTHWORK ACTIVITY SHALL REVIEW ALL PLANS AND PERMIT CONDITIONS AND CERTIFY ACKNOWLEDGEMENT IN WRITING. IT IS THE CONTRACTOR'S RESPONSIBILITY TO IMPLEMENT ALL EROSION CONTROLS DESCRIBED IN GP 0-20-001, AND IT IS NOT THE INTENT OF THESE DRAWINGS TO REPLACE OR DISSEMINATE THE PERMIT REQUIREMENTS. THE CONTRACTOR SHALL REMAIN IN COMPLIANCE WITH THE PERMIT AT ALL TIMES.

4. NO MORE THAN FIVE (5) ACRES OF SITE SHALL BE DISTURBED AT ONE TIME. THE CONTRACTOR SHALL COORDINATE EARTHWORK ACTIVITIES AND IMPLEMENTATION OF SOIL STABILIZATION MEASURES TO ENSURE COMPLIANCE WITH THIS REQUIREMENT.

5. DISTURBED AREAS SHALL NOT BE LEFT UNSTABILIZED FOR MORE THAN 14 DAYS AFTER COMPLETION OR SUSPENSION OF GRADING OPERATIONS.

6. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED IN ACCORDANCE WITH THE LATEST EDITION OF NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL." (aka: THE BLUE BOOK) EROSION CONTROL DEVICES SHALL BE INSTALLED PRIOR TO ANY CONSTRUCTION ACTIVITIES.

7. EROSION CONTROL DEVICES SHALL NOT BE REMOVED UNTIL THE TOWN ENGINEER HAS APPROVED FINAL STABILIZATION.

8. SILT FENCE AND OTHER EROSION CONTROL DEVICES SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH THESE DETAIL SHEETS AND SECTION 7A OF THE BLUE BOOK.

9. PRIOR TO ANY CONSTRUCTION ACTIVITY, THE STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED.

TEMPORARY EROSION & SEDIMENT CONTROL AND SEQUENCING NOTES:

1. IT IS THE INTENT OF THESE PLANS AND NOTES TO BE USED AS A GUIDE BY THE CONTRACTOR TO ENSURE THAT NO ERODED MATERIAL MIGRATES FROM THE SITE OR ENTERS ANY WATER COURSE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THIS GOAL IS MET, BY IMPLEMENTING THESE PLANS AND ANY ADDITIONAL MEANS THAT MAY BE NECESSARY. FURTHER MEASURES MAY BE REQUIRED BY THE CITY, VILLAGE, OR TOWN ENGINEER. WHILE MANY OF THE EROSION CONTROL DETAILS CONTAINED WITHIN THESE PLANS ARE TAKEN DIRECTLY FROM THE NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL (BLUE BOOK), THE CONTRACTOR SHOULD CONSIDER ANY OF THE DETAILS CONTAINED THE 'BLUE BOOK' AS ACCEPTABLE PRACTICE IN THE APPROPRIATE APPLICATION.

2. THE OWNER/OPERATOR SHALL INSPECT AND MAINTAIN EROSION CONTROL MEASURES DAILY AND AFTER EACH RAINFALL EVENT THROUGH THE ENTIRE DEVELOPMENT PROCESS. TO ASSURE PROPER FUNCTION, SILTATION BARRIERS SHALL BE MAINTAINED IN GOOD CONDITION AND REINFORCED, EXTENDED, REPAIRED, RE-SEEDED AND PROTECTED FROM FURTHER EROSION. ALL SEDIMENT ACCUMULATED SHALL BE REMOVED AND CONTAINED IN APPROPRIATE SPOIL AREAS. WATER SHALL BE APPLIED TO NEWLY SEEDED AREAS AS NEEDED UNTIL GRASS COVER IS WELL ESTABLISHED. DURING THESE PERIODIC INSPECTIONS, THE FOLLOWING ITEMS SHOULD BE PAID PARTICULAR ATTENTION: A. SILT FENCING SHALL BE INSPECTED FOR UNDERMINING AND DETERIORATION. B. SEEDED/MULCHED AREAS SHALL BE INSPECTED TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHALL BE REPAIRED AS NECESSARY.

3. PRIOR TO ANY CONSTRUCTION ACTIVITY, THE STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED.

4. SILT FENCE AND OTHER EROSION CONTROL DEVICES SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH THESE DETAIL SHEETS AND THE 'BLUE BOOK'. SILT FENCING SHALL BE INSTALLED AT THE PERIMETER OF ALL SLOPES TO BE GRADED, PRIOR TO GRADING OPERATIONS.

5. CLEARING OPERATIONS SHALL BE LIMITED TO ACTIVE WORK AREAS.

6. CARE SHALL BE TAKEN TO PRESERVE AS MUCH EXISTING VEGETATION AS POSSIBLE AND HEALTHY TREES OF DESIRABLE SPECIES SHALL BE PROTECTED.

7. CONSTRUCTION TRAFFIC SHALL NOT CROSS STREAMS OR DITCHES EXCEPT AT SUITABLE CROSSING FACILITIES. EQUIPMENT SHALL NOT OPERATE, UNNECESSARILY, WITHIN WATERWAYS OR DRAINAGE DITCHES.

8. EXISTING PAVEMENT AREAS SHALL BE CLEANED AT THE DIRECTION OF THE CITY, VILLAGE, OR TOWN ENGINEER.

9. WATER TRUCKS SHALL BE USED TO MINIMIZE DUST POLLUTION ON SITE, AND ON ADJACENT ROADWAY AREAS AS DIRECTED BY THE CITY, VILLAGE, OR TOWN ENGINEER.

10. ANY WATER PUMPED AS A RESULT OF DEWATERING ACTIVITIES SHALL BE PUMPED INTO A DEWATERING PIT.

11. THE CONTRACTOR SHALL MAINTAIN A CLEAN CONSTRUCTION AND EQUIPMENT ENTRANCE WHENEVER PRACTICABLE.

12. EROSION CONTROL DEVICES SHALL NOT BE REMOVED UNTIL THE CITY, VILLAGE OR TOWN ENGINEER HAS APPROVED FINAL STABILIZATION.

13. ALL AREAS DISTURBED IN THE CONSTRUCTION PROCESS SHALL BE STABILIZED WITH SEED AND MULCH NO MORE THAN 14 DAYS AFTER THE COMPLETION OF WORK IN SUCH AREA. IT MAY BE NECESSARY TO SEED AND MULCH SOME AREAS SEVERAL TIMES TO MEET THIS REQUIREMENT.

14. THE SITE IS TO BE REVEGETATED ACCORDING TO THE FOLLOWING SEEDING REQUIREMENTS.

A. SEED AT 60 POUNDS PER ACRE WITH A MIXTURE THAT WILL PROVIDE AN EROSION RESISTANT VEGETATIVE COVER AND WILL ALSO PROVIDE FOR THE LONG TERM PRODUCTIVITY.

B. MULCH WITH HAY OR STRAW TO COVER 100% OF THE SOIL SURFACE (2 TONS PER ACRE).

C. INSTALL EROSION MATTING PER SPECIFICATIONS ON ALL SLOPES.

15. SEEDING AND MULCH WORK SHALL COMMENCE, AND BE COMPLETED AS RAPIDLY AS POSSIBLE AFTER THE INACTIVE AREA BECOMES AVAILABLE.

16. VEGETATIVE COVER MUST BE ESTABLISHED WITHOUT RILL OR GULLY EROSION BEFORE FINAL STABILIZATION MAY BE APPROVED.

No.	Revision Description	Date

PRIOR TO ANY EARTH DISTURBANCE THE CONTRACTOR SHALL CALL IN A TICKET TO DIG SAFE NY AND OBTAIN A CLEAR TO DIG

IT IS A VIOLATION OF SECTION 7209 OF THE NYS EDUCATION LAW FOR ANY PERSON TO ALTER ANY ITEM ON THIS PLAN IN ANY WAY UNLESS HE/SHE IS ACTING UNDER THE DIRECT SUPERVISION OF A PROFESSIONAL ENGINEER.

CHRISTOPHER D. LONGO, PE
N.Y.S. LIC. # 095840

EMPIRE ENGINEERING, PLLC
1900 DUANESBURG ROAD
DUANESBURG, NY 12056
PH: (518) 858-4117
EMAIL: CLONGO@EMPIREENG.NET

PROJECT
HUTCHISON HARVEST INC.
124 LEAHEY ROAD
TOWN OF FLORIDA
AMSTERDAM, NY 12010

Title
EROSION & SEDIMENT CONTROL PLAN

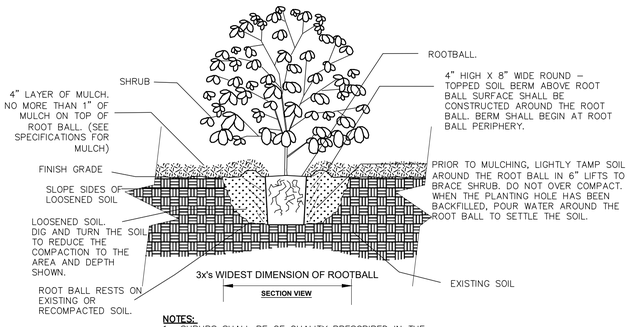
Date	Sheet
06/24/2022	C103
Scale: 1"=40'	
Job#: 22006	

LANDSCAPING NOTES:

1. PROVIDE NECESSARY TOPSOIL ENHANCEMENT WITHIN PLANTING AREAS.
2. ALL PLANT MATERIAL SHALL CONFORM TO, AND SHALL BE PLANTED IN ACCORDANCE WITH THE STANDARDS RECOMMENDED BY THE AMERICAN NURSERY AND LANDSCAPE ASSOCIATION.
3. TIME OF PLANTING SHALL GENERALLY BE PRIOR TO JUNE 15 AND AFTER SEPTEMBER 1. OTHER PLANTING REQUIREMENTS SHALL BE AS REQUIRED ABOVE AS WELL AS PER NURSERY AND LANDSCAPER RECOMMENDATIONS.
4. ALL PLANT SIZES INDICATED ARE MINIMUM AT TIME OF PLANTING.
5. ALL DISTURBED AREAS TO BE TOP SOILED AND SEEDED USING ENVIRONMENTAL SEED MIX OR APPROVED EQUAL.
   5.1 SEEDING RATE: 20LB/ACRE (½ LB/1,000SF)
   5.2 SEEDING MIXTURE: PERENNIAL RYEGRASS–1/2LB/1,000SF
   KENTUCKY BLUEGRASS–1LB/1,000SF
   RED FESCUE–1/2LB/1,000SF
   FERTILIZER(16.32.16)–2LB/1,000SF
   LIQUID LIME–1 GAL/800GAL
   TANK FIBER MULCH–30LB/1,000SF
6. THE LANDSCAPING SHALL BE MAINTAINED IN PERPETUITY AND DEAD OR DYING PLANTS SHALL BE REPLACED AS EQUAL.
7. FINAL DESIGN OF LANDSCAPING AROUND SIGN AREAS SHALL BE BY THE OWNER, IT IS RECOMMENDED TO HAVE PERENNIALS PLANTED FOR MINIMUM MAINTENANCE AND FOR MAXIMUM GROWTH.
8. PERENNIAL FLOWERS MAY BE A COMBINATION OF HYDRANGEAS, CONE FLOWERS, MUMS, AND LILIES.
9. TOPSOIL–NATURAL, FRIABLE, LOAMY SILT SOIL HAVING AN ORGANIC CONTENT NOT LESS THEN 5% A PH RANGE BETWEEN 4.5–7.0 IT SHALL BE FREE OF DEBRIS, ROCKS LARGER THEN ONE INCH, WOOD, ROOTS, VEGETABLE MATTER AND CLAY CLODS.

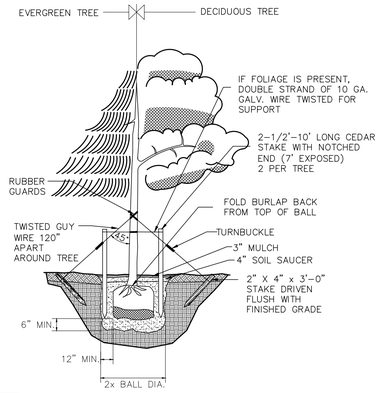
ELECTRIC SERVICE NOTES:

1. ELECTRIC SERVICE AND TRANSFORMER PAD (IF NECESSARY) TO BE SPECIFIED BY NATIONAL GRID PLANNERS

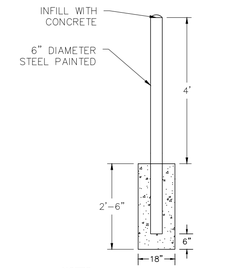


NOTES:
1– SHRUBS SHALL BE OF QUALITY PRESCRIBED IN THE ROOT OBSERVATIONS DETAIL AND SPECIFICATIONS.
2– SEE SPECIFICATIONS FOR FURTHER REQUIREMENTS RELATED TO THIS DETAIL.

1/501 TYPICAL SHRUB PLANTING DETAIL
NOT TO SCALE

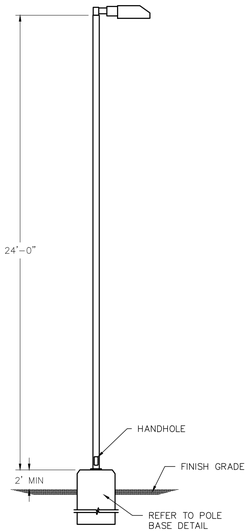


2/501 TYPICAL TREE PLANTING DETAIL
NOT TO SCALE

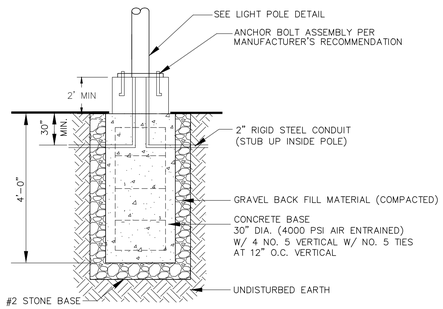


NOTES:
1. BOLLARDS SHALL BE PAINTED FOR HIGH VISIBILITY, AND FOR PREVENTION OF RUST.

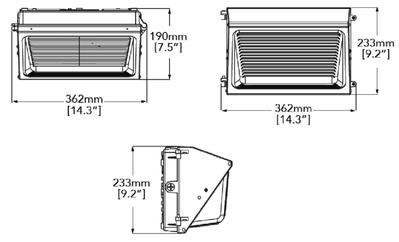
3/501 BOLLARD DETAIL
NOT TO SCALE



4/501 LIGHT POLE



5/501 LIGHT POLE BASE DETAIL



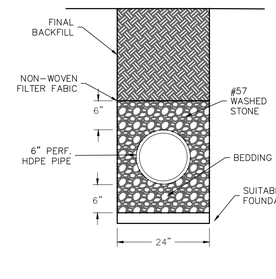
NOTES:
1. ALL LIGHTING SHALL BE SHIELDED AND/OR PLACED IN SUCH A MANNER AS TO PREVENT OFF–SITE ILLUMINATION.
2. FIXTURES WILL BE INSTALLED PERPENDICULAR FROM THE BUILDING FACE.

6/501 WALL MOUNTED LIGHTING

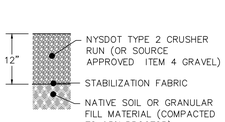
LIGHTING SCHEDULE						
TYPE	# OF FIXTURES	MANUF.	CATALOG #	LUMENS	NOTES	SYMBOL
WALL MOUNTED	5	LITHONIA LIGHTING	RSX2 LED P2 40K R3	17,202	MOUNTED ON ENDS AND SIDE WALLS	
POLE MOUNTED	1	LITHONIA LIGHTING	ESX1 LED P3 40K R3	20,658	MOUNTED ON 24' POLE	

NOTES:
1. ALL LIGHTING SHALL BE SHIELDED AND/OR PLACED IN SUCH A MANNER AS TO PREVENT OFF–SITE ILLUMINATION.

7/501 LIGHTING SCHEDULE
BY POINT SOURCE GROUP, OR APPROVED EQUAL

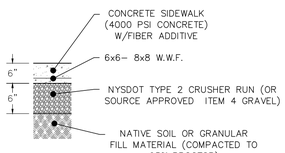


8/501 UNDERDRAIN DETAIIL
NOT TO SCALE



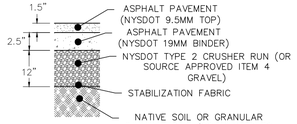
NOTES:
1. ITEM 4 GRAVEL MAY BE USED IN–LIEU OF TYPE 2 CRUSHER RUN ONLY A.O.B.E.
2. ALL IMPORTED MATERIAL SHALL BE COMPACTED TO 95% PROCTOR.

9/501 GRAVEL AREA DETAIL



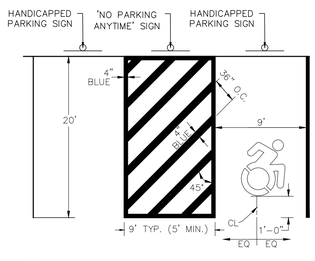
NOTES:
1. 5" TYPICAL WIDTH
2. BROOM FINISH
3. PROVIDE A TOOLED JOINT EVERY 5'
4. SAWCUT CONTROL JOINTS EVERY 20'

10/501 CONCRETE DETAIL
NOT TO SCALE



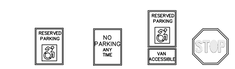
NOTES:
1. ITEM 4 GRAVEL MAY BE USED IN–LEU OF TYPE 2 CRUSHER RUN ONLY A.O.B.E.
2. ALL IMPORTED MATERIAL SHALL BE COMPACTED TO 95% PROCTOR.

11/501 ASPHALT PAVEMENT DETAIL
NOT TO SCALE



NOTES:
1. ALL DIMENSIONS SHALL BE IN ACCORDANCE WITH ADA STANDARDS AND CURRENT ZONING AND SITE REGULATIONS.
2. PAINTED HANDICAP SYMBOL TO BE IN ACCORDANCE WITH ADA STANDARDS
3. SLOPE OF PAVEMENT SURFACE IN HANDICAP PARKING SHALL NOT EXCEED 2% IN ANY DIRECTION.
4. SEE PLAN FOR ACTUAL LOCATION OF SIGNAGE.

12/501 TYPICAL HANDICAPPED SPACE DETAIL
NOT TO SCALE



MUTCD	R7–8	R7–1	R7–8P	R1–1
SIZE	18"x9"	24"x30"	18"x9"	30"x30"
HT.	7'	7'	7'	7'

NOTES:
1. ALL SIGNS SHALL BE INSTALLED USING A TYPE 'A' SIGN POST.
2. ALL SIGNS SHALL CONFORM TO THE FHWA MUTCD STANDARDS AND THE NYS SUPPLEMENT
3. H.C. SIGN POST SHALL BE SET IN BOLLARD PRIOR TO FILLING WITH CONCRETE

13/501 SIGN TABLE
NOT TO SCALE

No.	Revision Description	Date

PRIOR TO ANY EARTH DISTURBANCE THE CONTRACTOR SHALL CALL IN A TICKET TO DIG SAFE NY AND OBTAIN A CLEAR TO DIG

IT IS A VIOLATION OF SECTION 7209 OF THE NYS EDUCATION LAW FOR ANY PERSON TO ALTER ANY ITEM ON THIS PLAN IN ANY WAY UNLESS HE/SHE IS ACTING UNDER THE DIRECT SUPERVISION OF A PROFESSIONAL ENGINEER

CHRISTOPHER D. LONGO, PE
N.Y.S. LIC. # 095840

EMPIRE ENGINEERING, PLLC
1900 DUANESBURG ROAD
DUANESBURG, NY 12056
PH: (518) 858–4117
EMAIL: CLONGO@EMPIREENG.NET

PROJECT
HUTCHISON HARVEST INC.
124 LEAHEY ROAD
TOWN OF FLORIDA
AMSTERDAM, NY 12010

Title: SITE DETAILS
Date: 06/24/2022
Sheet: C501
Scale: N.T.S.
Job#: 22006

SEPTIC NOTES:

1. THIS PLAN SHALL BE USED AS A SUPPLEMENT TO THE NYS DOH APPENDIX 75A TO THE PUBLIC HEALTH LAW. ALL DESIGN, CONSTRUCTION, MATERIAL STANDARDS, MINIMUM SEPARATION DISTANCES, AND INSPECTION REQUIREMENTS ARE INTENDED TO COMPLY WITH THIS CODE. IF ANY INFORMATION IS FOUND TO BE CONTRADICTORY THE NYS DOH CODE SHALL HOLD PRECEDENT.
2. A LICENSED ENGINEER/ARCHITECT SHALL SUPERVISE CONSTRUCTION IN ACCORDANCE WITH THE APPROVED PLAN AND SUPPLEMENTAL DATA.
3. THERE SHALL BE NO CHANGES ON THESE PLANS WITHOUT PRIOR APPROVAL OF THE ENGINEER.
4. THE OWNER/CONTRACTOR SHALL VERIFY ELEVATIONS OF SOIL PIPE AT THE BUILDINGS AND CONVEYANCE PIPE ELEVATIONS PRIOR TO CONSTRUCTION OF SYSTEM.
5. ANY ROOF, FOOTING, FLOOR, BACKWASH DRAINS ETC. SHALL NOT BE CONNECTED TO THE SEPTIC SYSTEM. THE PROPOSED SYSTEM IS NOT DESIGNED TO ACCOMMODATE WASTEWATER FROM FOOD SERVICE FACILITIES UNLESS EXPLICITLY SPECIFIED.
6. NO VEHICULAR PARKING OR TRAFFIC SHALL BE ALLOWED ON ANY PORTION OF THE SEPTIC SYSTEM.
7. ABSORPTION TRENCHES SHALL BE APPROXIMATELY 18–24" DEEP MEASURED FROM THE FINISH GRADE TO BOTTOM OF TRENCH.
8. THE AREA IMMEDIATELY UP–SLOPE OF THE SYSTEM SHALL BE GRADED SO AS TO DIRECT ANY SURFACE RUNOFF AROUND THE SYSTEM.
9. THE SUBJECT PROJECT IS NOT WITHIN 100 YEAR FLOOD PLAIN.
10. THE SEPTIC SYSTEM HAS NOT BEEN DESIGNED FOR WATER USAGE FROM FOOD PREPARATION. SINCE THERE IS NO FOOD PREPARATION INTENDED ON SITE, A GREASE TRAP HAS NOT BEEN SPECIFIED.

STRUCTURE DATA:
SEPTIC TANK: 1,250 GAL DUAL COMPARTMENT PRECAST SEAMLESS CONCRETE BY GUARDIAN CONCRETE, INC. OR EQUIVALENT.
DISTRIBUTION BOX: 6–OUTLET BOX BY GUARDIAN CONCRETE, INC. OR EQUIVALENT.

PIPE DATA:
BUILDING TO SEPTIC TANK: 4" SCHEDULE 40 PVC WITH TIGHT JOINTS, MINIMUM 2.0% SLOPE
SEPTIC TANK TO D–BOX: 4" SDR 35 SOLID PVC WITH TIGHT JOINTS, MINIMUM 1.0% SLOPE.
D–BOX TO LATERALS: 4" SDR 35 SOLID PVC WITH TIGHT JOINTS, MINIMUM 1.0% SLOPE
DISTRIBUTION LATERALS: 4" SDR 35 PERFORATED PVC WITH TIGHT JOINTS MIN 0.5% SLOPE.

SITE PREPARATION

1. ROPE OFF THE SITE TO PREVENT DAMAGE TO THE AREA DURING OTHER CONSTRUCTION ACTIVITY ON THE LOT. VEHICULAR TRAFFIC OVER THE AREA SHOULD BE PROHIBITED TO AVOID SOIL COMPACTION.
2. STAKE OUT THE SYSTEM PERIMETER AND BED IN THE PROPER ORIENTATION.
3. CUT AND REMOVE ANY EXCESS VEGETATION. TREES SHOULD BE CUT AT THE GROUND SURFACE AND STUMPS LEFT IN PLACE.

FILL PLACEMENT AND STABILIZATION GENERAL REQUIREMENTS

1. PLACEMENT AND COMPACTION OF FILL MATERIAL SHALL BE WITNESSED BY THE ENGINEER.
2. PLACE THE GRANULAR FILL MATERIAL ON THE UPSLOPE EDGES OF THE PLOWED AREA. KEEP TRUCKS OFF THE PLOWED AREA.
3. MOVE THE FILL MATERIAL INTO PLACE USING A SMALL TRACK–TYPE TRACTOR WITH A BLADE. ALWAYS KEEP A MINIMUM OF 6 IN. OF MATERIAL BENEATH THE TRACKS OF THE TRACTOR TO MINIMIZE COMPACTION OF THE NATURAL SOIL. FILL MATERIAL SHALL BE PLACED AND COMPACTED IN LIFTS. THE FIRST LIFT SHALL BE TWELVE (12) INCHES (LOOSE) FOLLOWED BY FOUR (4) TO SIX (6) INCH (LOOSE) LIFTS UP TO THE REQUIRED FILL HEIGHT.
4. FINAL FILL SLOPES SHALL BE 1 VERTICAL: 3 HORIZONTAL OR FLATTER IN ALL DIRECTIONS
5. ENGINEER SHALL PERFORM PERCOLATION TESTS IN THE COMPACTED FILL MATERIAL TO VERIFY CONFORMANCE WITH THE SPECIFICATION. STABILIZED FILL SHALL HAVE PERCOLATION OF 5–10 MIN/IN.

STABILIZATION & COVERING

1. PLACE 6 IN. OF GOOD QUALITY TOPSOIL OVER THE ENTIRE SYSTEM.
2. PLANT GRASS OVER THE ENTIRE SYSTEM USING GRASSES ADAPTED TO THE AREA. SHRUBS CAN BE PLANTED AROUND THE EDGE OF THE SYSTEM. PLANTINGS ON TOP OF THE SYSTEM SHOULD BE DROUGHT TOLERANT, AS THE UPPER PORTION OF THE SYSTEM CAN BECOME DRY DURING THE SUMMER. ALL PLANTS SHOULD BE SHALLOW ROOTED.

INSPECTION

THE ENGINEER SHALL MAKE THE FOLLOWING INSPECTIONS OF DESIGNED SYSTEM:
1. AFTER INITIAL DISTURBANCE AND ROPING OFF OF THE SYSTEM AREA
2. AFTER PLACEMENT OF PIPING, TANKS, DOSING CHAMBER AND PUMP.
3. COMPLETION INCLUDING FINAL GRADING, PLACEMENT OF TOPSOIL & SEEDING.

THE ENGINEER SHALL SUPPLY THE APPROVING REGULATORY AGENCY WITH A LETTER OF INSPECTION UPON SATISFACTORY COMPLETION OF THE SYSTEM.

IT IS THE OWNERS RESPONSIBILITY TO CONTACT THE ENGINEER FOR THE INSPECTIONS NOTED AS WELL AS ANY OTHER REQUESTED INSPECTION. IF WORK COMMENCES WITHOUT INSPECTION, THE ENGINEER WILL NOT BE ABLE TO CERTIFY THE SYSTEM AS BUILT PER PLAN.

DESIGN DATA:

USAGE:
2 BATHROOMS AT 400 GALLONS/DAY/BATHROOM
+ 7 EMPLOYEES AT 15 GALLONS/DAY/EMPLOYEE
= 105 GALLONS PER DAY.

WITNESSED PERCOLATION RATE AT 12" DEPTH = 12 MINUTES/INCH MAX.

DESIGN PERCOLATION RATE: 30 MIN/INCH (0.6 SF/GPD)

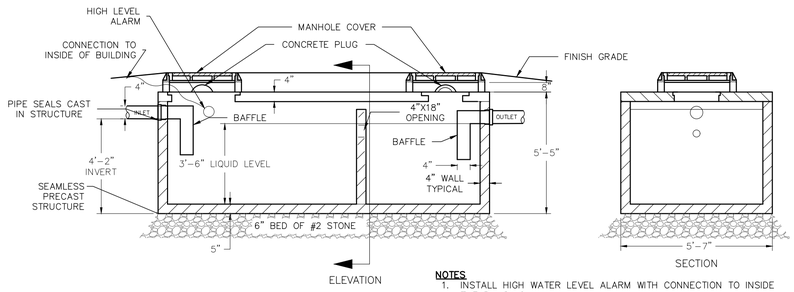
REQUIRED LATERAL LENGTH:
(105 GPD)/(0.6 GPD/SF)(1 LF/2SF)
= 87.5 LF.
USE (3) 30' LATERALS = 90 LF.

100% REPLACEMENT AREA PROVIDED

EXISTING TERRAIN SLOPE: APPROX. 1–3 PERCENT.
SOIL: BROWN SILTY GRAVEL
NO GROUNDWATER ENCOUNTERED WITHIN TEST DEPTH.

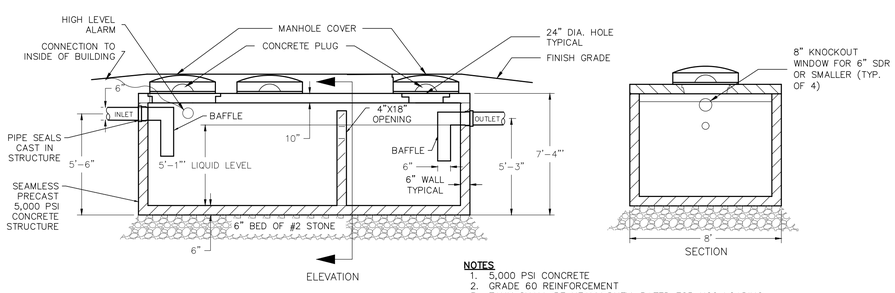
MINIMUM HORIZONTAL SEPARATION DISTANCE (IN FEET)			
EXISTING FEATURE	WATERTIGHT SEPTIC TANK	SEWER LINE	ABSORPTION FIELD FOR UNLINED SAND FILTER (INCLUDING REPLACEMENT AREA)
RECOMMENDED MINIMUM HORIZONTAL SEPARATION DIST. PER PUBLIC HEALTH LAW			
DRILLED WELL–PRIVATE WATER SYSTEM[1]	50	50	100
WATER LINE (PRESSURE)	10	10	10
RECOMMENDED MINIMUM HORIZONTAL SEPARATION DISTANCES			
DUG WELL/ SPRING[1]	75	50	150
SURFACE WATER	50	25	100
STORMWATER INFILTRATION MANAGEMENT PRACTICE	25	25	50 [2]
CULVERT (TIGHT PIPE)	25	10	35
CULVERT OPENING	25	25	50
CATCH BASIN	25	N/A	50
FOUNDATION	10	N/A	20
PROPERTY LINE	10	10	10
WETLAND (NYSDEC)	100	100	100

REFERENCE: TABLE B–2 OF THE NYS DESIGN STDS. FOR INTERMEDIATE SIZED WASTEWATER TREATMENT SYSTEMS
1. WHEN WASTEWATER TREATMENT SYSTEMS ARE LOCATED UP–GRADIENT AND IN THE DIRECT PATH OF SURFACE RUNOFF TO A WELL, THE CLOSEST PART OF THE TREATMENT SYSTEM SHOULD BE AT LEAST 200' AWAY FROM THE WELL.
2. SEPARATION DISTANCE MAY BE REDUCED TO 35' IF THE BOTTOM OF THE DRAIN IS ABOVE THE FINISHED GRADE OF THE SUBSURFACE SOIL TREATMENT SYSTEM, KEEPING THE DRAIN WATER AND WASTEWATER SEPARATE.



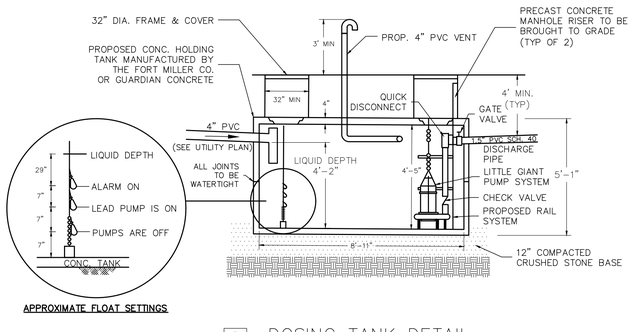
NOTES
1. INSTALL HIGH WATER LEVEL ALARM WITH CONNECTION TO INSIDE THE BUILDING
2. TANK SHALL BE HEAVY DUTY, RATED FOR H20 LOADING.
3. BY GUARDIAN CONCRETE, INC. OR APPROVED EQUAL

1/502 SEPTIC TANK DETAIL
1250 GALLON DUAL COMPARTMENT
NOT TO SCALE



NOTES
1. 5,000 PSI CONCRETE
2. GRADE 60 REINFORCEMENT
3. TANK SHALL BE HEAVY DUTY, RATED FOR H20 LOADING.
4. 2" MAX EARTH COVER
5. WATER TABLE 5' BELOW GRADE

2/502 HOLDING TANK DETAIL
4,000 GALLON DUAL COMPARTMENT
BY PALLETTE STONE CORP. OR APPROVED EQUAL
NOT TO SCALE



APPROXIMATE FLOAT SETTINGS

MINIMUM DOSING VOLUME (75% PIPE VOL.):
275 LF * 0.64 GAL/LF * 75%
= 132 GAL/DOSE

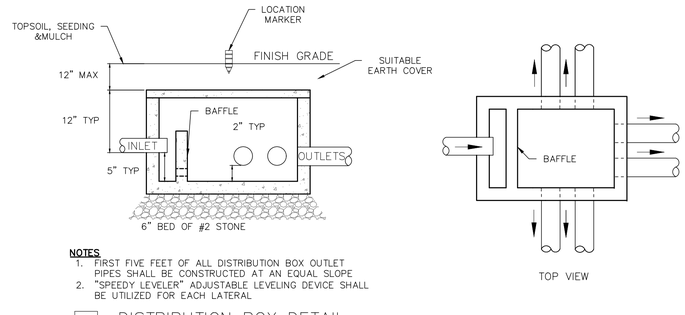
DOSING FREQUENCY:
330 GAL/DAY / 132 GAL/DOSE
= 2.5 DOSE/DAY

DOSE HEIGHT:
132 GAL/DOSE / 18.9 GAL/VERT IN.
= 6.98" DOSE HT.

STORAGE ABOVE ALARM:
29" * 14.1 GAL/IN
= 408.9 GAL

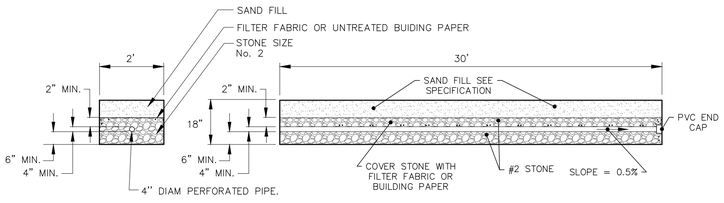
PUMP DESIGN:
PUMP MODEL:
LITTLE GIANT 9EN

3/502 DOSING TANK DETAIL
BY GUARDIAN CONCRETE, INC. OR APPROVED EQUAL
NOT TO SCALE

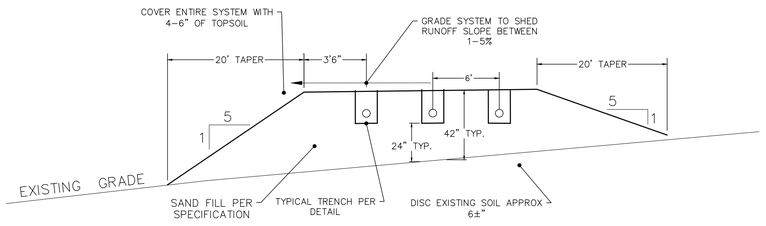


NOTES
1. FIRST FIVE FEET OF ALL DISTRIBUTION BOX OUTLET PIPES SHALL BE CONSTRUCTED AT AN EQUAL SLOPE
2. "SPEEDY LEVELER" ADJUSTABLE LEVELING DEVICE SHALL BE UTILIZED FOR EACH LATERAL

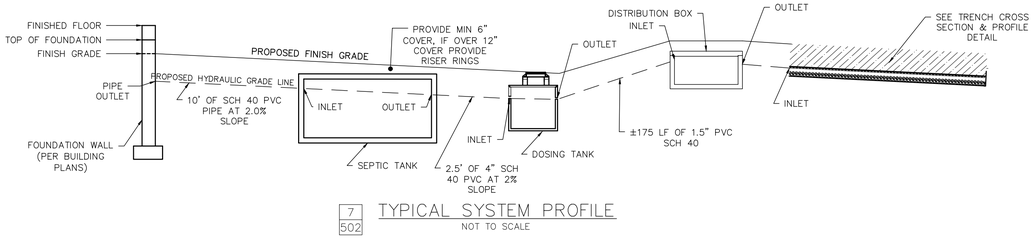
4/502 DISTRIBUTION BOX DETAIL
BY GUARDIAN CONCRETE, INC. OR APPROVED EQUAL
NOT TO SCALE



5/502 TRENCH CROSS SECTION AND PROFILE DETAIL
NOT TO SCALE



6/502 SYSTEM CROSS SECTION DETAIL
NOT TO SCALE



7/502 TYPICAL SYSTEM PROFILE
NOT TO SCALE

No.	Revision Description	Date

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CHRISTOPHER D. LONGO, PE
N.Y.S. LIC. # 095840

EMPIRE ENGINEERING, PLLC
1900 DUANESBURG ROAD
DUANESBURG, NY 12056
PH: (518) 858–4117
EMAIL: CLONGO@EMPIREENG.NET

PROJECT
HUTCHISON HARVEST INC.
124 LEAHEY ROAD
TOWN OF FLORIDA
AMSTERDAM, NY 12010

Title: UTILITY DETAILS
Date: 06/24/2022
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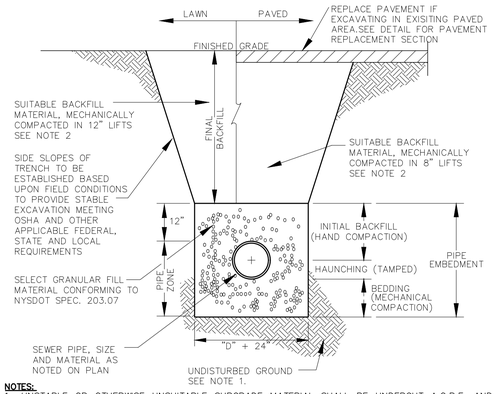
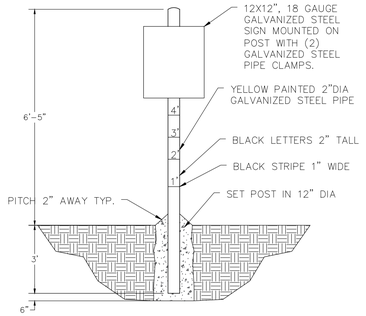
Sheet: C502



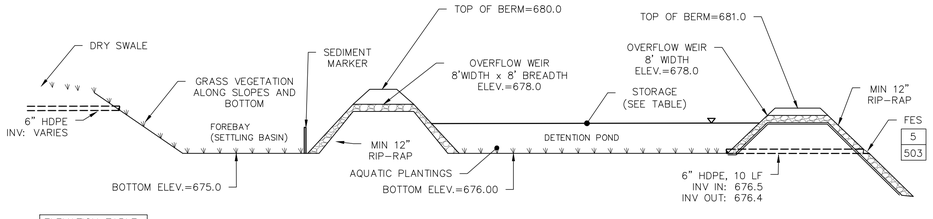
NOTES:
1. UNSTABLE OR OTHERWISE UNSUITABLE SUBGRADE MATERIAL SHALL BE UNDERCUT A.O.B.E. AND REPLACED WITH SELECT FILL MATERIAL
2. ALL BACKFILL MATERIAL SHALL CONFORM TO NYSDOT ITEM 203.06 COMPACTED TO 90% STD. PROCTOR MAX. DENSITY

1 / 503 TYPICAL TRENCH DETAIL
NOT TO SCALE



NOTES:
1. SIGN SHALL READ "THIS MARKER IS PART OF AN ON-SITE STORM WATER MANAGEMENT FACILITY".
2. SEDIMENT SHALL BE REMOVED FROM THE SEDIMENTATION BASIN WHEN IT IS 50% FULL (AT THE 2-FOOT MARK)
3. SIGN SHALL HAVE WHITE BACKGROUND, WITH 1" TALL BLACK LETTERS.

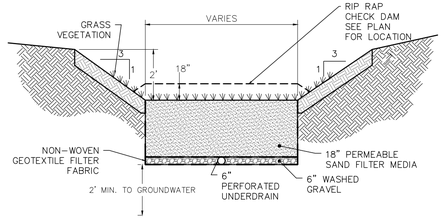
2 / 503 SEDIMENT MARKER DETAIL
NOT TO SCALE



ELEVATION TABLE:
1-YR: 677.43
10-YR: 678.21
100-YR: 678.72

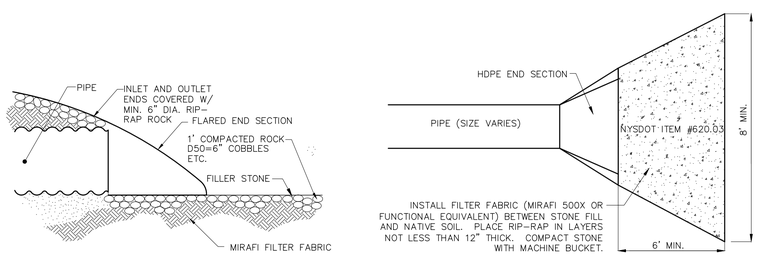
NOTES:
1. A MINIMUM 6" THICK CLAY LINER SHALL BE INSTALLED WITHIN THE MICROPOOL AND FOREBAY. MATERIAL SHALL BE FROM A SOURCE APPROVED BY THE ENGINEER AND BE GREATER THAN 50% PASSING THE #200 SIEVE.
2. OVERFLOW WEIR SHALL BE CONSTRUCTED WITH A MIN OF 12" D50=6" RIP RAP LAID OVER GEOTEXTILE FABRIC.
3. SEDIMENT MARKER SHALL BE A MINIMUM 2" SCHEDULE 40 PVC PIPE BURIED A MIN 4 FT AND 2 FT ABOVE PERMANENT POOL ELEVATION. A SOLID MARK SHALL BE PLACED AT A POINT 2FT ABOVE THE FOREBAY BOTTOM.
4. SIDE SLOPES SHALL BE 4H:1V FOR FOREBAY, 3H:1V ABOVE THE AQUATIC BENCH AND 2H:1V BELOW THE AQUATIC BENCH
5. EMERGENT PLANTINGS WITHIN THE AQUATIC BENCH SHALL BE HYDROLOGIC ZONE 2, CAPABLE OF WITHSTANDING CONSTANT INUNDATION. PLANTINGS SHALL BE RANDOMLY SPACED 5-10' O.C. AND SHALL BE SELECTED FROM THE LIST ON TABLE H.5 OF THE NYSDEC STORMWATER DESIGN MANUAL. A LARGE DEEP HOLE SHOULD BE DUG AROUND EACH PLANTING SITE AND NATIVE SOIL REPLACED WITH UNCOMPACTED TOPSOIL.

3 / 503 DRY SWALE / FOREBAY PROFILE /MICROPOOL EXTENDED DETENTION POND #1 (P-1)
NOT TO SCALE



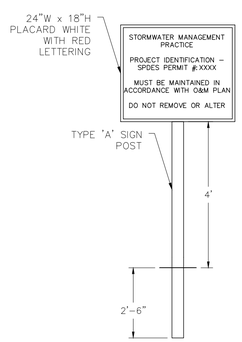
NOTES:
1. DISTURBED AREAS SHALL BE PLANTED WITH ENVIRONMENTAL SEED MIX.
2. VEGETATION SHALL BE MAINTAINED AT 6" HEIGHT.
3. ALL TREES, BRUSH, STUMPS AND OTHER OBSTRUCTIONS SHALL BE REMOVED AND DISPOSED OF SO AS NOT TO INTERFERE WITH THE PROPER FUNCTION OF THE SWALE.
4. THE SWALE SHALL BE EXCAVATED OR SHAPED TO MEET THE CROSS SECTION SHOWN ABOVE AND SHALL BE FREE OF BANK PROJECTIONS OR OTHER IRREGULARITIES THAT MAY IMPEDE FLOW.
5. NON-WOVEN GEOTEXTILE FABRIC SHALL BE INSTALLED ON THE BOTTOM AND SIDES OF THE TRENCH AS WELL AS BETWEEN THE STONE AND SAND LAYERS.

4 / 503 DRY SWALE DETAIL



NOTES:
1. REFERENCE PAGE 3.39 OF NYS STANDARDS & SPECIFICATIONS FOR EROSION & SEDIMENT CONTROL 'BLUE BOOK'.
2. DISCHARGE FLOW IS MINIMUM TAILWATER CONDITION FOR ALL PIPING EXCEPT AS NOTED BELOW, MAXIMUM Q = 3 CFS
3. ALL END SECTIONS: LENGTH OF APRON (La) = 6 FT
   WIDTH OF APRON = 8 FT
4. D_{50} = 6" RIP-RAP. SIZE EQUIVALENT TO NYS DOT LIGHT STONE FILL

5 / 503 PIPE FLARED END SECTION DETAIL



NOTES:
1. ALL SIGNS SHALL BE INSTALLED USING A TYPE 'A' SIGN POST.

6 / 503 STORMWATER AREA SIGN
NOT TO SCALE

No.	Revision Description	Date

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EMPIRE ENGINEERING, PLLC
1900 DUANESBURG ROAD
DUANESBURG, NY 12056
PH: (518) 858-4117
EMAIL: CLONGO@EMPIREENG.NET

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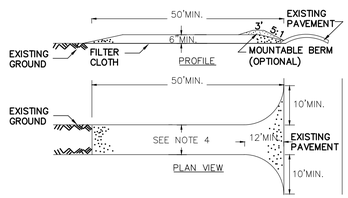
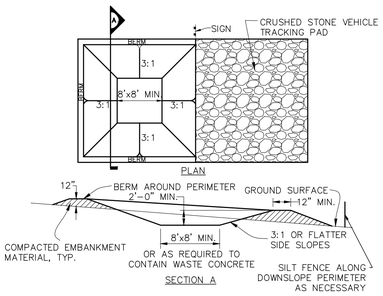


NOTES:

1. STONE SIZE – USE 1–4 INCH STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH – NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
3. THICKNESS – NOT LESS THAN SIX (6) INCHES.
4. WIDTH – TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY–FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
5. GEOTEXTILE – WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. SURFACE WATER – ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CON–STRUCTION ACCESS SHALL BE PIPED BENEATH THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE – THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS–OF–WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS–OF–WAY MUST BE REMOVED IMMEDIATELY.
8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

1 / 504 STABILIZED CONSTRUCTION ENTRANCE DETAIL
NOT TO SCALE



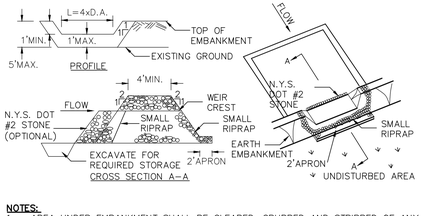
CONCRETE WASHOUT AREA INSTALLATION NOTES:

1. SEE PLAN VIEW FOR LOCATIONS OF CONCRETE WASHOUT AREA
2. THE CONCRETE WASHOUT AREA SHALL BE INSTALLED PRIOR TO ANY CONCRETE PLACEMENT ON SITE.
3. VEHICLE TRACKING CONTROL IS REQUIRED AT THE ACCESS POINT.
4. SIGNS SHALL BE PLACED AT THE CONSTRUCTION ENTRANCE, AT THE WASHOUT AREA, AND ELSEWHERE AS NECESSARY TO CLEARLY INDICATE THE LOCATION OF CONCRETE WASHOUT AREA TO OPERATORS OF CONCRETE TRUCKS AND PUMP RIGS.
5. EXCAVATED MATERIAL SHALL BE UTILIZED IN PERIMETER BERM CONSTRUCTION.

CONCRETE WASHOUT AREA MAINTENANCE NOTES:

1. THE CONCRETE WASHOUT AREA SHALL BE REPAIRED AND ENLARGED OR CLEANED OUT AS NECESSARY TO MAINTAIN CAPACITY FOR WASTED CONCRETE.
2. AT THE END OF CONSTRUCTION, ALL CONCRETE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF AT AN APPROVED WASTE SITE.
3. WHEN THE CONCRETE WASHOUT AREA IS REMOVED, COVER THE DISTURBED AREA WITH TOPSOIL, SEED AND MULCH OR OTHERWISE STABILIZE IN A MANNER APPROVED BY THE LOCAL JURISDICTION.
4. INSPECT WEEKLY, DURING AND AFTER ANY STORM EVENT.

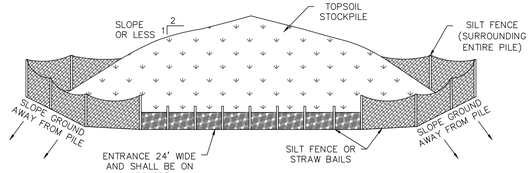
2 / 504 CONCRETE WASHOUT DETAIL
NOT TO SCALE



NOTES:

1. AREA UNDER EMBANKMENT SHALL BE CLEARED, GRUBBED AND STRIPPED OF ANY VEGETATION AND ROOT MAT. THE POOL AREA SHALL BE CLEARED.
2. THE FILL MATERIAL FOR THE EMBANKMENT SHALL BE FREE OF ROOTS AND OTHER WOODY VEGETATION AS WELL AS OVER–SIZED STONES, ROCKS, ORGANIC MATERIAL OR OTHER OBJECTIONABLE MATERIAL. THE EMBANKMENT SHALL BE COMPACTED BY TRAVERSING WITH EQUIPMENT WHILE IT IS BEING CONSTRUCTED.
3. ALL CUT AND FILL SLOPES SHALL BE 2:1 OR FLATTER.
4. THE STONE USED IN THE OUTLET SHALL BE SMALL RIPRAP 4"–8" ALONG WITH A 1' THICKNESS OF 2" AGGREGATE PLACED ON THE UP–GRADE SIDE ON THE SMALL RIPRAP OR EMBEDDED FILTER CLOTH IN THE RIPRAP.
5. SEDIMENT SHALL BE REMOVED AND TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO 1/2 THE DESIGN DEPTH OF THE TRAP.
6. THE STRUCTURE SHALL BE INSPECTED AFTER EACH RAIN AND REPAIRS MADE AS NEEDED.
7. CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER THAT EROSION AND WATER POLLUTION IS MINIMIZED.
8. THE STRUCTURE SHALL BE REMOVED AND THE AREA STABILIZED WHEN THE DRAINAGE AREA HAS BEEN PROPERLY STABILIZED. MAXIMUM DRAINAGE AREA 5 ACRES

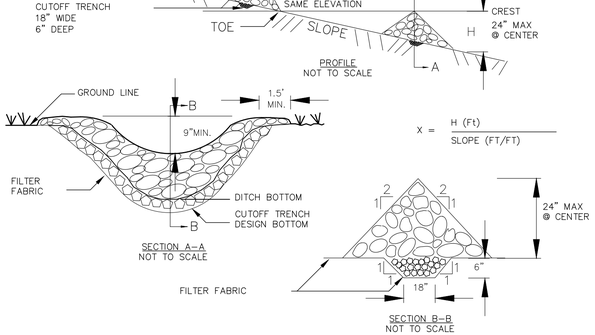
3 / 504 TEMPORARY SEDIMENT TRAP DETAIL
NOT TO SCALE



NOTES:

1. SILT FENCE SHALL BE INSTALLED PER DETAIL.
2. IF THE STOCKPILE IS TO REMAIN FOR MORE THAN 14 DAYS, IT SHALL BE STABILIZED WITH SEED AND MULCH IMMEDIATELY AFTER COMPLETION OF STOCKPILING.
3. SILT FENCE SHALL BE INSPECTED WEEKLY AND SEDIMENT TRAPPED BY THE FENCING SHALL BE REMOVED OF AS NECESSARY.
4. SILT FENCE SHALL REMAIN IN PLACE UNTIL THE ENTIRE PILE HAS BEEN ELIMINATED.
5. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.

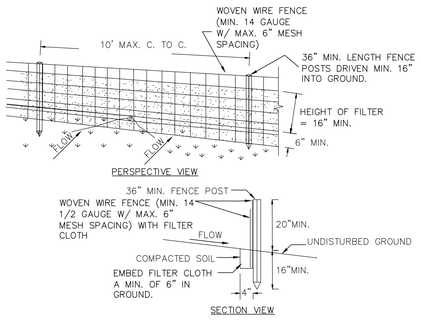
4 / 504 TEMPORARY TOPSOIL STOCKPILE DETAIL
NOT TO SCALE



NOTES:

1. STONE WILL BE PLACED ON A FILTER FABRIC FOUNDATION TO THE LINES,GRADES AND LOCATIONS SHOWN IN THE PLAN.
2. SET SPACING OF CHECK DAMS TO ASSUME THAT THE ELEVATIONS OF THE CREST OF THE DOWNSTREAM DAM IS AT THE SAME ELEVATION OF THE TOE OF THE UPSTREAM DAM.
3. EXTEND THE STONE A MINIMUM OF 1.5 FEET BEYOND THE DITCH BANKS TO PREVENT CUTTING AROUND THE DAM.
4. PROTECT THE CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH STONE OR LINER AS APPROPRIATE.
5. ENSURE THAT CHANNEL APPURTENANCES SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONE. MAXIMUM DRAINAGE AREA 2 ACRES.

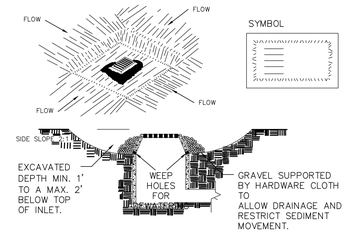
5 / 504 CHECK DAM DETAIL
NOT TO SCALE



NOTES:

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD.
2. FILTER CLOTH TO BE TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 6" MAXIMUM MESH OPENING.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVER–LAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA T140N, OR APPROVED EQUIVALENT.
4. PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE, OR APPROVED EQUIVALENT.
5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

6 / 504 SILT FENCE DETAIL
NOT TO SCALE



NOTES:

1. CLEAR THE AREA OF ALL DEBRIS THAT WILL HINDER EXCAVATION.
2. GRADE APPROACH TO THE INLET UNIFORMLY AROUND THE BASIN.
3. WEEP HOLES SHALL BE PROTECTED BY GRAVEL.
4. UPON STABILIZATION OF CONTRIBUTING DRAINAGE AREA, SEAL WEEP HOLES, FILL EXCAVATION WITH STABLE SOIL TO FINAL GRADE, COMPACT IT PROPERLY AND STABILIZE WITH PERMANENT SEEDING. MAXIMUM DRAINAGE AREA 1 ACRE

7 / 504 DROP INLET PROTECTION DETAIL

No.	Revision Description	Date

PRIOR TO ANY EARTH DISTURBANCE THE CONTRACTOR SHALL CALL IN A TICKET TO DIG SAFE NY AND OBTAIN A CLEAR TO DIG

IT IS A VIOLATION OF SECTION 7209 OF THE NYS EDUCATION LAW FOR ANY PERSON TO ALTER ANY ITEM ON THIS PLAN IN ANY WAY UNLESS HE/SHE IS ACTING UNDER THE DIRECT SUPERVISION OF A PROFESSIONAL ENGINEER.

CHRISTOPHER D. LONGO, PE
N.Y.S. LIC. # 095840

EMPIRE ENGINEERING, PLLC
1900 DUANESBURG ROAD
DUANESBURG, NY 12056
PH: (518) 858–4117
EMAIL: CLONGO@EMPIREENG.NET

PROJECT
HUTCHISON HARVEST INC.
124 LEAHEY ROAD
TOWN OF FLORIDA
AMSTERDAM, NY 12010

Title: EROSION & SEDIMENT CONTROL DETAILS
Date: 06/24/2022
Scale: N.T.S.
Job# 22006
Sheet: C504