

J.M.L. CONSTRUCTION CORP

BAY SHORE, NEW YORK

NUMBER	DATE	DESCRIPTION
1	8-31-2023	SITE CALCULATIONS
2	10-2-2023	ENGINEERING COMMENTS
3	11-2-2023	ENGINEERING RESUBMISSION
4	1-31-2024	ARMY CORP RESUBMISSION

MICHAEL DUNN ARCHITECT

256 ORINOCO DRIVE, SUITE B
BRIGHTWATERS, NEW YORK, 11718

PHONE: 646-448-8997

EMAIL:
MIKE.MKDARCHITECT@GMAIL.COM

CONTACT INFORMATION:

JOHN LOEFFLER
JML CONSTRUCTION CORP & VALROB BUILDING INC.

OWNER ADDRESS:
6 CAYUGA ROAD
FT LAUDERDALE, FLORIDA 33308

PROPERTY ADDRESS:
OVERLEA COURT
BAY SHORE, NY 11706

SCTM: 0500-42100-0300-
LOTS 4, 5, 6, & 11

ZONING DISTRICT: AAA278

PHONE: 561-809-5646

EMAIL: JML33486@AOL.COM

PROPOSED SITE GRADING, BOAT BASIN, & DREDGING

JML CONSTRUCTION CORP SITE

OVERLEA COURT
BAY SHORE, NEW YORK 11706

TOWN OF ISLIP

DRAWING TITLE:

SITE PLAN

GENERAL NOTES

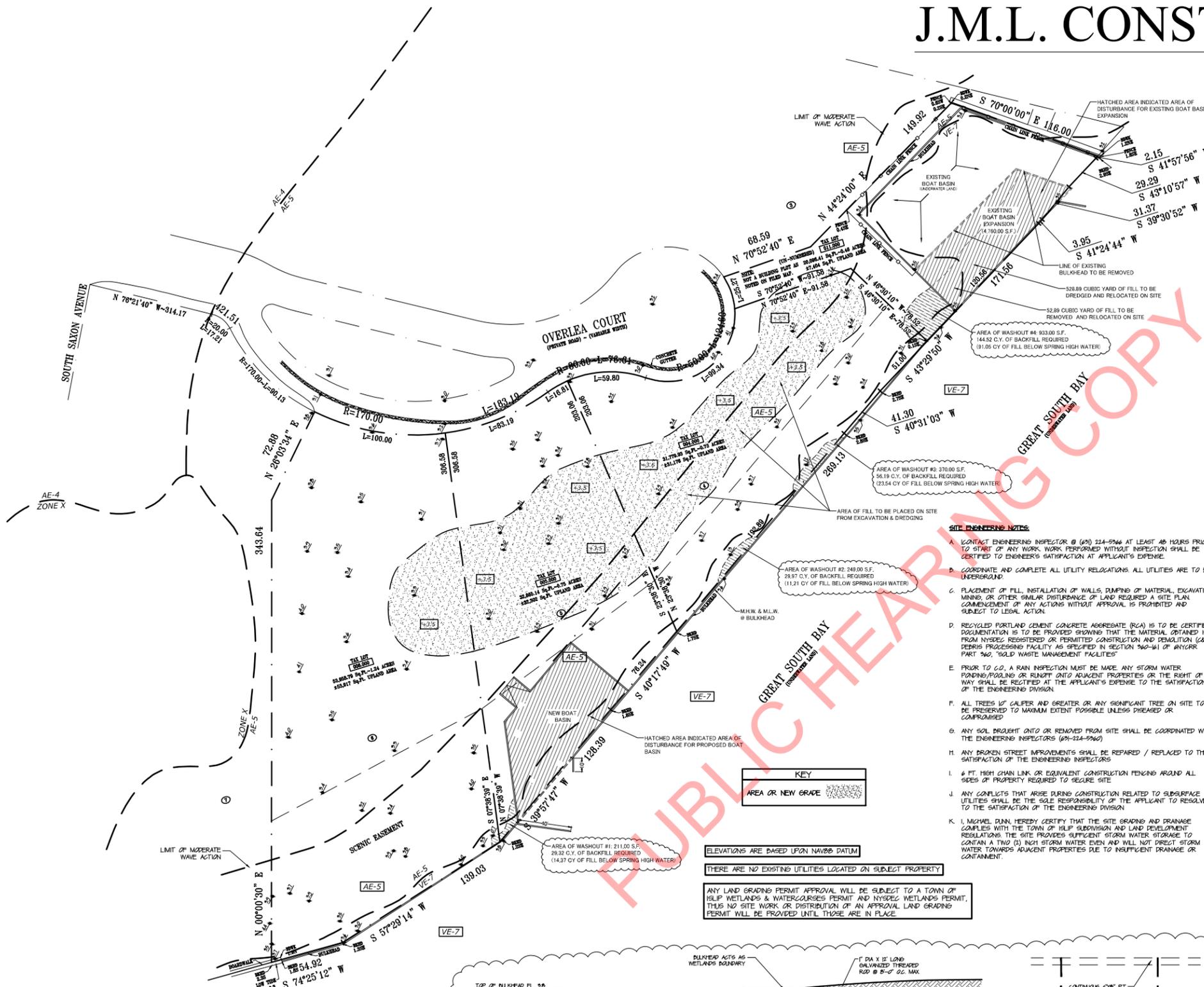


SCALE:
AS NOTED

DRAWN BY: SAJ
CHECKED BY: MKD

DRAWING NUMBER:

CS1-0



AREAS CUT AND FILL CALCULATIONS:

AREA OF PROPOSED BOAT BASIN: 58900 SF.

AREA OF PROPOSED BOAT BASIN FILL TO BE REMOVED AND RELOCATED ON SITE: 58900 SF. X 2.95 LF. AVERAGE DEPTH OF GRADE = 173000 CF. OF FILL TO BE RELOCATED 173000 CF. / 2700 CF. PER C.Y. = 64000 C.Y. OF FILL RELOCATED ON SITE

AREA OF PROPOSED BOAT BASIN FILL TO BE DREDGED (BELOW MHWL): 3'-0" 58900 SF. X 3.00 LF. = 176700 CF. OF FILL 176700 CF. / 2700 CF. PER C.Y. = 65400 C.Y. OF FILL RELOCATED ON SITE

AREA OF PROPOSED BOAT BASIN RAMP: 24000 SF.

AREA OF PROPOSED BOAT BASIN RAMP FILL TO BE REMOVED AND RELOCATED ON SITE: 24000 SF. X (MHWL) 178 = 42720 CF. OF FILL TO BE RELOCATED 42720 CF. / 2700 CF. PER C.Y. = 15800 C.Y. OF FILL RELOCATED ON SITE

AREA OF EXISTING BOAT BASIN EXPANSION: 47600 SF.

AREA OF EXISTING BOAT BASIN EXPANSION FILL TO BE REMOVED AND RELOCATED ON SITE: 47600 SF. X 2.90 LF. AVERAGE DEPTH OF GRADE = 138000 CF. OF FILL TO BE RELOCATED 138000 CF. / 2700 CF. PER C.Y. = 51000 C.Y. OF FILL

AREA OF EXISTING BOAT BASIN EXPANSION FILL TO BE DREDGED (BELOW MHWL): 3'-0" 47600 SF. X 3.00 LF. = 142800 CF. OF FILL 142800 CF. / 2700 CF. PER C.Y. = 52900 C.Y. OF FILL

AREA OF WASHOUT #1: 2100 SF.

AREA OF WASHOUT #1: 2100 SF. X 3.75 LF. AVERAGE DEPTH OF BACKFILL REQUIRED = 7875 CF. OF BACKFILL 7875 CF. / 2700 CF. PER C.Y. = 2920 C.Y. OF FILL

AREA OF WASHOUT #2: 24900 SF.

AREA OF WASHOUT #2: 24900 SF. X 3.25 LF. AVERAGE DEPTH OF BACKFILL REQUIRED = 80925 CF. OF BACKFILL 80925 CF. / 2700 CF. PER C.Y. = 29970 C.Y. OF FILL

AREA OF WASHOUT #3: 97000 SF.

AREA OF WASHOUT #3: 97000 SF. X 4.1 LF. AVERAGE DEPTH OF BACKFILL REQUIRED = 397700 CF. OF BACKFILL 397700 CF. / 2700 CF. PER C.Y. = 147300 C.Y. OF FILL

AREA OF WASHOUT #4: 99900 SF.

AREA OF WASHOUT #4: 99900 SF. X 4.82 LF. AVERAGE DEPTH OF BACKFILL REQUIRED = 481518 CF. OF BACKFILL 481518 CF. / 2700 CF. PER C.Y. = 178339 C.Y. OF FILL

- SITE ENGINEERING NOTES:**
- CONTACT ENGINEERING INSPECTOR @ (917) 224-5966 AT LEAST 48 HOURS PRIOR TO START OF ANY WORK. WORK PERFORMED WITHOUT INSPECTION SHALL BE CERTIFIED TO ENGINEER'S SATISFACTION AT APPLICANT'S EXPENSE.
 - COORDINATE AND COMPLETE ALL UTILITY RELOCATIONS. ALL UTILITIES ARE TO BE UNDERGROUND.
 - PLACEMENT OF FILL, INSTALLATION OF WALLS, DUMPING OF MATERIAL, EXCAVATING, MINING, OR OTHER SIMILAR DISTURBANCE OF LAND REQUIRED A SITE PLAN. COMMENCEMENT OF ANY ACTIONS WITHOUT APPROVAL IS PROHIBITED AND SUBJECT TO LEGAL ACTION.
 - RECYCLED PORTLAND CEMENT CONCRETE AGGREGATE (RCA) IS TO BE CERTIFIED DOCUMENTATION IS TO BE PROVIDED SHOWING THAT THE MATERIAL OBTAINED IS FROM NYSDOT REGISTERED OR PERMITTED CONSTRUCTION AND DEMOLITION (CAD) DEBRIS PROCESSING FACILITY AS SPECIFIED IN SECTION 360-161 OF ANYCR PART 360, "SOLID WASTE MANAGEMENT FACILITIES"
 - PRIOR TO CO, A RAIN INSPECTION MUST BE MADE ANY STORM WATER PONDING, POOLING OR RUNOFF ONTO ADJACENT PROPERTIES OR THE RIGHT OF WAY SHALL BE RECTIFIED AT THE APPLICANT'S EXPENSE TO THE SATISFACTION OF THE ENGINEERING DIVISION.
 - ALL TREES 1" CALIBER AND GREATER OR ANY SIGNIFICANT TREE ON SITE TO BE PRESERVED TO MAXIMUM EXTENT POSSIBLE UNLESS DISEASED OR COMPROMISED
 - ANY SOIL BROUGHT ONTO OR REMOVED FROM SITE SHALL BE COORDINATED WITH THE ENGINEERING INSPECTORS (917-224-5966)
 - ANY BROKEN STREET IMPROVEMENTS SHALL BE REPAIRED / REPLACED TO THE SATISFACTION OF THE ENGINEERING INSPECTORS
 - 6 FT HIGH CHAIN LINK OR EQUIVALENT CONSTRUCTION FENCING AROUND ALL SIDES OF PROPERTY REQUIRED TO SECURE SITE
 - ANY CONFLICTS THAT ARISE DURING CONSTRUCTION RELATED TO SUBSURFACE UTILITIES SHALL BE THE SOLE RESPONSIBILITY OF THE APPLICANT TO RESOLVE TO THE SATISFACTION OF THE ENGINEERING DIVISION
 - I, MICHAEL DUNN, HEREBY CERTIFY THAT THE SITE GRADING AND DRAINAGE COMPLIES WITH THE TOWN OF ISLIP SUBDIVISION AND LAND DEVELOPMENT REGULATIONS. THE SITE PROVIDES SUFFICIENT STORM WATER STORAGE TO CONTAIN A TWO (2) INCH STORM WATER EVENT AND WILL NOT DRAIN STORM WATER TOWARDS ADJACENT PROPERTIES DUE TO INSUFFICIENT DRAINAGE OR CONTAINMENT.

EXCAVATION CALCULATIONS:

AREA OF PROPOSED BOAT BASIN: 49000 C.Y.

AREA OF PROPOSED BOAT BASIN RAMP: 1556 C.Y.

AREA OF EXISTING BOAT BASIN EXPANSION: 9289 C.Y.

TOTAL EXCAVATION: 69845 C.Y. OF FILL

DREDGING CALCULATIONS:

AREA OF PROPOSED BOAT BASIN: 6556 C.Y.

AREA OF EXISTING BOAT BASIN EXPANSION: 9289 C.Y.

TOTAL DREDGING: 15845 C.Y.

TOTAL C.Y. OF EXCAVATION & DREDGING: 17830 C.Y.

TOTAL WASHOUT SF: 176900 SF.

TOTAL WASHOUT CF: 709100 CF.

TOTAL WASHOUT C.Y.: 262600 C.Y. REQUIRED TO BACKFILL EXISTING WASHOUT AREAS

*BACKFILLING WASHOUT AREAS IS CONSIDERED SITE GENERAL MAINTENANCE / REPAIR AS PER THE TOWN OF ISLIP ENGINEERING DEPARTMENT AND DOES NOT COUNT TOWARDS THE OVERALL DISTURBANCE OF THE SITE.

TOTAL C.Y. OF EXCAVATION & DREDGING: 17830 C.Y. - 262600 C.Y. REQUIRED FOR WASHOUT BACKFILL = 148130 C.Y. OF FILL BROUGHT ON SITE

AREAS OF DISTURBANCE:
PROPOSED BOAT BASIN: 58900 SF.
PROPOSED BOAT BASIN RAMP: 24000 SF.
EXISTING BOAT BASIN EXPANSION: 47600 SF.
LOCATION OF FILL TO BE PLACED ON SITE: 18,85000 SF.

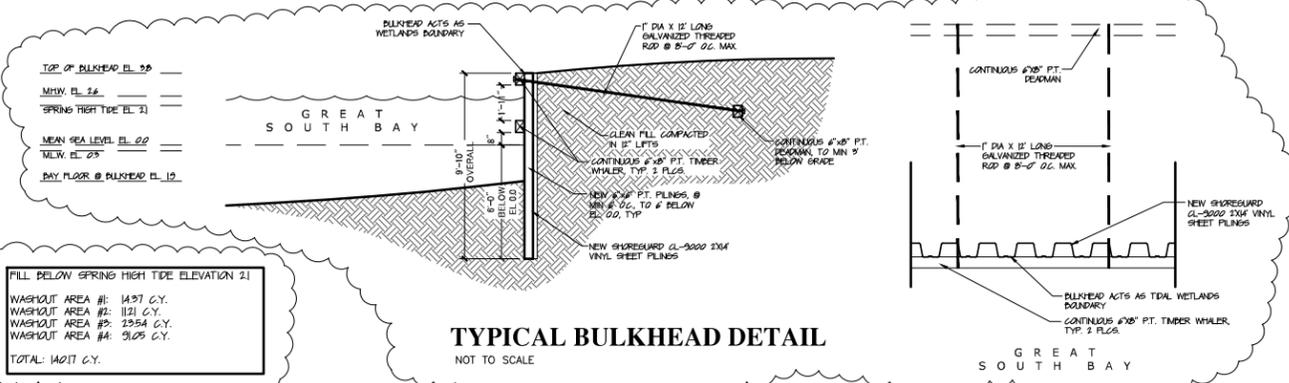
TOTAL AREA OF DISTURBANCE: 932000 SF. > 200000 SF.

HELP TOWN CODE ARTICLE X, FLOOD DAMAGE PREVENTION (CHAPTER 48-402, ABC).

WHENEVER ANY PORTION OF A FLOODPLAIN IS AUTHORIZED FOR DEVELOPMENT, THE VOLUME OF SPACE OCCUPIED BY THE AUTHORIZED FILL OR STRUCTURE BELOW THE BASE FLOOD ELEVATION SHALL BE COMPENSATED FOR AND BALANCED BY A HYDRAULICALLY EQUIVALENT VOLUME OF EXCAVATION TAKEN FROM BELOW THE BASE FLOOD ELEVATION AT OR ADJACENT TO THE DEVELOPMENT SITE. ALL SUCH EXCAVATIONS SHALL BE CONSTRUCTED TO DRAIN FREELY INTO THE WATERCOURSE. NO AREA BELOW THE WATER LINE OF A POND OR OTHER BODY OF WATER CAN BE CREDITED AS A COMPENSATING EXCAVATION.

L61013-003

The posted plan is subject to change. Please note that this site plan may be modified during the Town Planning Board and/or Town Board review process. Please contact the assigned planning department staff member if you have questions regarding the date and status of any posted graphics.



FILL BELOW SPRING HIGH TIDE ELEVATION 21

WASHOUT AREA #1: 1497 C.Y.
WASHOUT AREA #2: 1121 C.Y.
WASHOUT AREA #3: 2354 C.Y.
WASHOUT AREA #4: 9105 C.Y.

TOTAL: 14077 C.Y.

PROPOSED SITE PLAN
SCALE: 1" = 40'-0"
SITE PLAN BASED ON A SURVEY DONE BY:
LISA MCQUILKIN LAND SURVEYING
274 EAST MAIN STREET
EAST ISLIP, NEW YORK 11702
631-271-3605