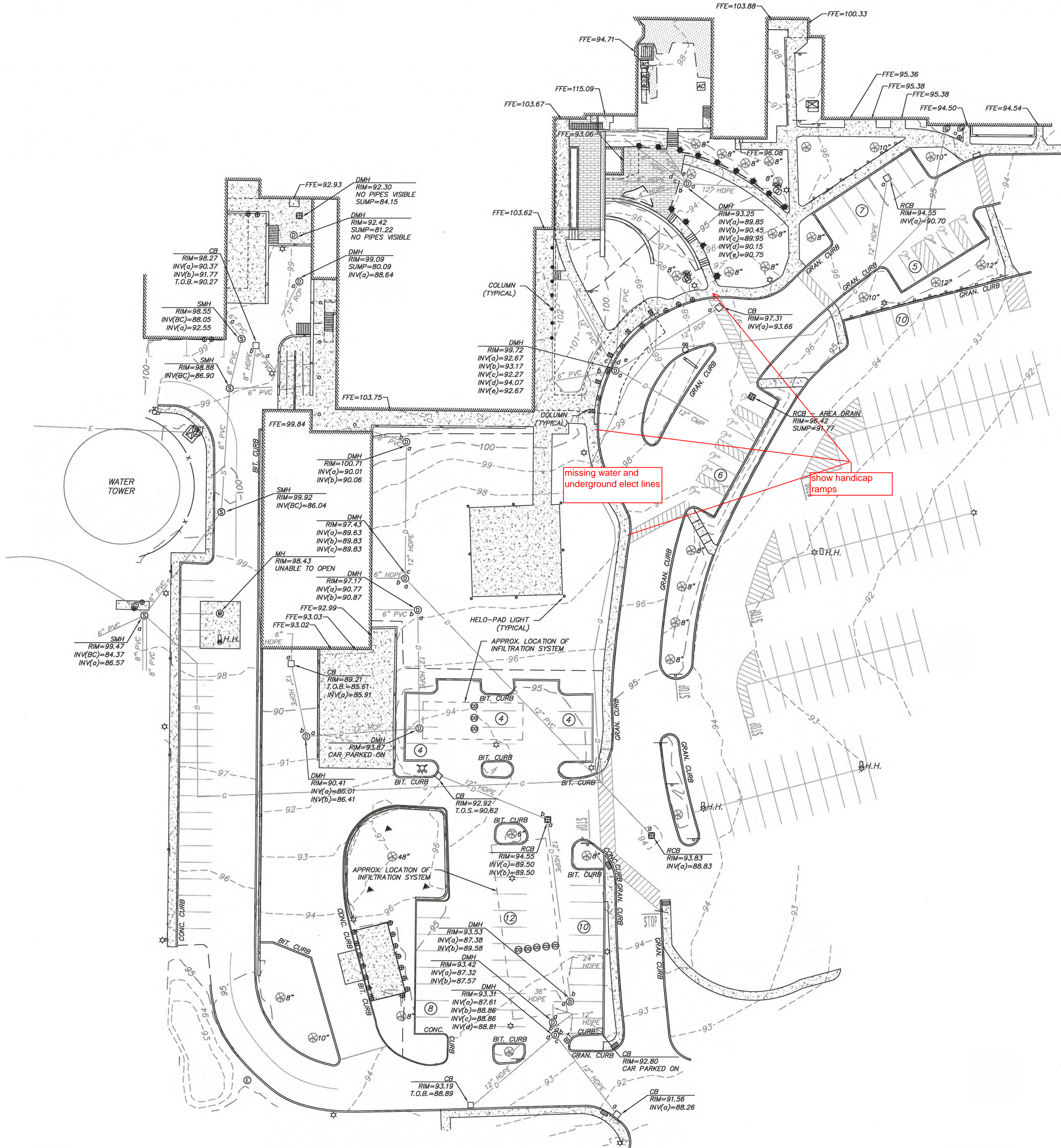


LOCUS MAP  
(NOT TO SCALE)

WE HEREBY CERTIFY THAT THIS PLAN IS THE RESULT OF AN ACTUAL ON THE GROUND SURVEY PERFORMED ON OR BETWEEN MARCH 12, 2019 AND NOVEMBER 11, 2019. THE ABOVE IS CERTIFIED TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, INFORMATION AND BELIEF.

ALLEN & MAJOR ASSOCIATES, INC.

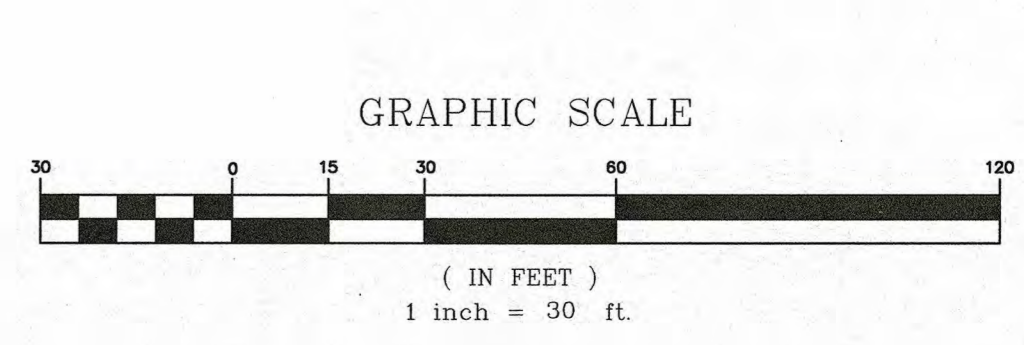
PROFESSIONAL LAND SURVEYOR FOR ALLEN & MAJOR ASSOCIATES, INC.



missing water and underground elect lines  
show handicap ramps

LEGEND	
DRAIN MANHOLE (DMH)	⊙
SEWER MANHOLE (SMH)	⊗
ELECTRIC MANHOLE (EMH)	⊕
MISC. MANHOLE (MH)	⊙
CATCH BASIN (CB)	⊠
ROUND CATCH BASIN (RCB)	⊡
BOLLARD	⊛
LIGHT	⊙
FLOODLIGHT	⊙
PEDESTRIAN LIGHT	⊙
TREE	⊙
AREA DRAIN	⊙
SIGN	⊙
SIGN	⊙
TRANSFORMER	⊙
HAND HOLE	⊙
AIR CONDITIONER	⊙
CABLE BOX	⊙
TELEPHONE BOX	⊙
ELECTRIC BOX	⊙
GAS METER	⊙
ELECTRIC METER	⊙
HANDICAPPED PARKING SPACE	⊙
IRRIGATION CONTROL VALVE	⊙
PARKING SPACE COUNT	⊙
SPOT GRADE	⊙
CONCRETE	⊙
LANDSCAPED AREA (LSA)	⊙
BRICK/PAVER	⊙
BUILDING	⊙
BUILDING OVERHANG	⊙
1' CONTOUR	⊙
5' CONTOUR	⊙
PROPERTY LINE	⊙
CONCRETE RETAINING WALL	⊙
EDGE OF PAVEMENT	⊙
EDGE OF BRICK	⊙
CURB	⊙
CHAIN LINK FENCE	⊙
STOCKADE FENCE	⊙
METAL RAILING	⊙
SEWER LINE	⊙
DRAIN LINE	⊙
GAS LINE	⊙
ELECTRIC LINE	⊙
FINISHED FLOOR ELEVATION	FFE
BITUMINOUS	BIT.
CONCRETE	CONC.
GRANITE	GRAN.
BOTTOM CENTER	(BC)
REINFORCED CONCRETE PIPE	RCP
POLYVINYL CHLORIDE PIPE	PVC
CORRUGATED METAL PIPE	CMP
HIGH DENSITY POLYETHYLENE PIPE	HDPE

- NOTES
1. NORTH ARROW IS BASED ON MASSACHUSETTS GRID COORDINATE SYSTEM (MAINLAND ZONE) (NAD 83).
  2. VERTICAL DATUM IS NAVD 88.
  3. CONTOUR INTERVAL IS ONE FOOT (1').



UTILITY STATEMENT  
THE UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. ALLEN & MAJOR ASSOCIATES, INC. (A&M) MAKES NO GUARANTEE THAT THE UTILITIES SHOWN HEREON COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. A&M FURTHER DOES NOT WARRANT THAT THE UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED. A&M HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.



9 Billings Road  
North Quincy, MA 02171  
Tel. 617. 789. 6300  
Tel. 617. 789. 6300  
Fax. 617. 789. 6399

MEP/FP ENGINEER  
RWS  
R.W. Sullivan Engineering  
528 Main St., Suite 203  
Boston, MA 02129  
Tel. 617.523.8227

LAND SURVEY, LANDSCAPE ARCHITECT & CIVIL ENGINEER  
ALLEN & MAJOR ASSOCIATES, INC.  
Allen & Major Associates, Inc.  
100 Commerce Way, Suite 5  
Woburn, MA 01801  
Tel. 781.935.6889

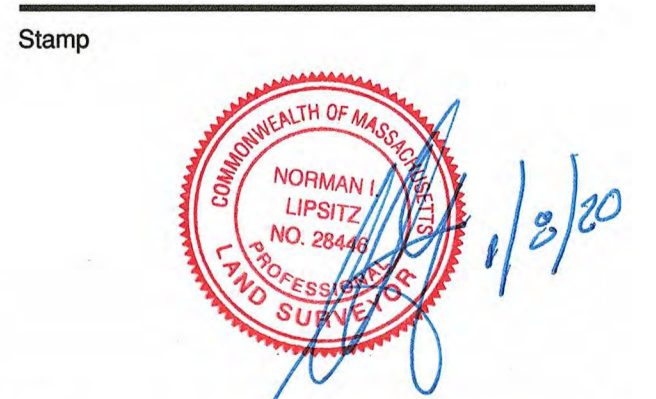
STRUCTURAL ENGINEER  
SCHLICK ENGINEERING, LLC.  
Schlick Engineering, LLC.  
10 Main Street  
Lakeville, MA 02347  
Tel. 774.419.3796

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drawing by: COB  
drawing checked by: NL  
A&M project number: 2699-01

ISSUE DATE  
ISSUED FOR LOCAL PERMITTING 11/25/19  
ISSUED FOR SITE PLAN REVIEW 01-08-20  
AND SPECIAL PERMIT

Mark	Revision	Date



Drawing Title  
**EXISTING CONDITIONS**

Scale: 1" = 30'  
Drawing Number:

**V-101**

JACA Project Number 190042





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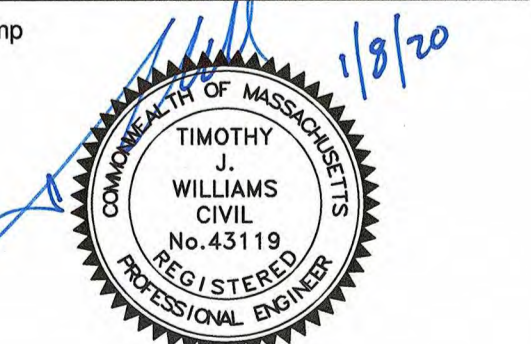
STRUCTURAL ENGINEER  
Schlick Engineering, LLC  
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Lakeville, MA 02347  
Tel. 774.419.3796

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Drawing by: AM SM RB/TJM  
Drawing checked by: RB/TJM  
A&M project number: 2699-01

ISSUE	DATE
ISSUED FOR LOCAL PERMITTING	11-25-19
ISSUED FOR SITE PLAN REVIEW	01-08-20
AND SPECIAL PERMIT	

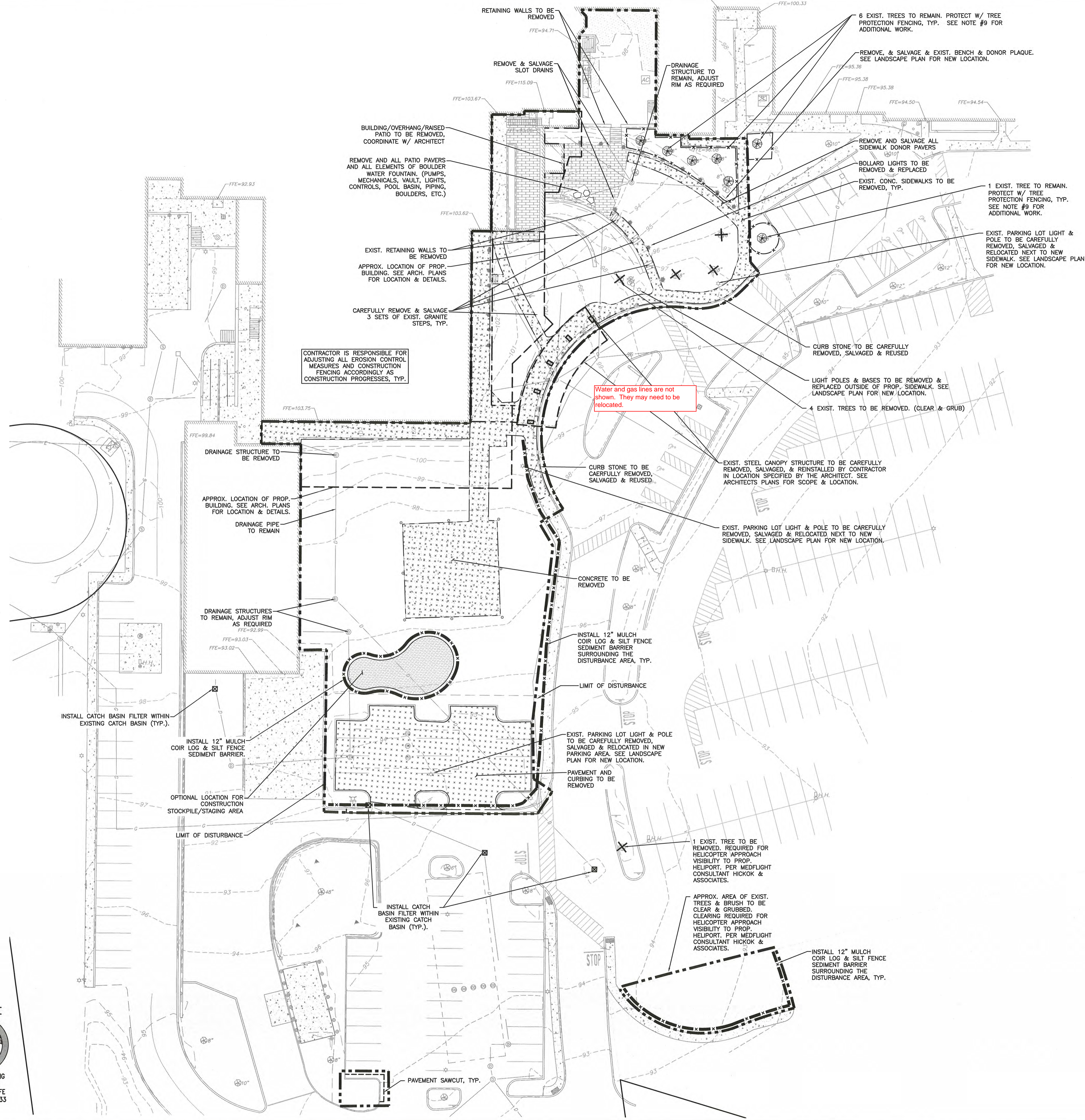
Mark	Revision	Date



Drawing Title  
**SITE PREPARATION AND DEMOLITION PLAN**

Scale: 1" = 20'  
Drawing Number:

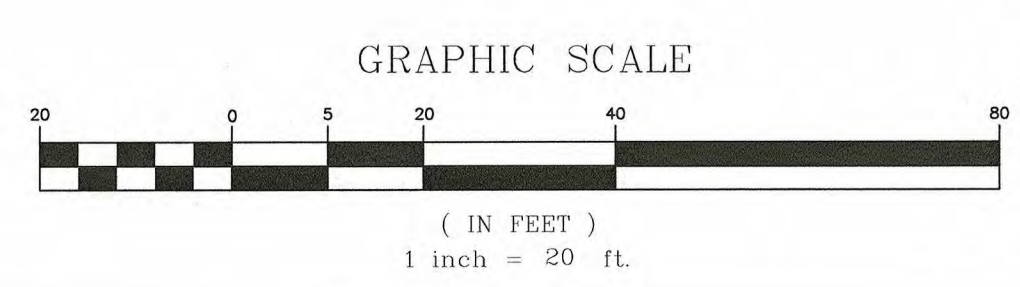
**C-101**  
JACA Project Number 190042



### LEGEND

- BUILDING TO BE REMOVED
- TEMPORARY FENCE
- MULCH COIR LOG & SILT FENCE
- CATCH BASIN FILTER
- PAVEMENT TO BE REMOVED
- STOCKPILE/STAGING AREA
- EXIST. TREE TO REMAIN PROTECT W/ TREE PROTECTION FENCING
- EXIST. TREE TO BE CAREFULLY REMOVED. (CLEAR & GRUB.)
- LIMIT OF DISTURBANCE

- NOTES:**
- PROPERTY LINES SHOWN ARE UNCONFIRMED AND ARE SHOWN FOR GENERAL ORIENTATION ONLY. PROPERTY LINES ARE REFERENCED FROM 2010 OAK ENGINEERS PLANS & NOT REVIEWED OR COMPLETED BY A&M.
  - THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR IT'S REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
  - THE INFORMATION SHOWN ON THIS PLAN IS THE SOLE PROPERTY OF ALLEN & MAJOR ASSOCIATES, INC. IT'S INTENDED USE IS TO PROVIDE INFORMATION. ANY ALTERATION, MISUSE, OR RECALCULATION OF INFORMATION OR DATA WITHOUT THE EXPRESSED, WRITTEN CONSENT OF ALLEN & MAJOR ASSOCIATES, INC. IS STRICTLY PROHIBITED.
  - SEE ARCHITECTURAL (ARCH.) PLANS FOR DETAILED BUILDING INFORMATION.
  - ALTHOUGH CERTAIN ITEMS HAVE BEEN NOTED ON THIS DRAWING FOR DEMOLITION, NO ATTEMPT HAS BEEN MADE TO DELINEATE EACH AND EVERY ITEM THAT REQUIRES DEMOLITION FOR THE COMPLETION OF THE PROJECT. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL NECESSARY DEMOLITION WORK TO COMPLETE THE PROJECT AT NO ADDITIONAL COST TO THE OWNER. ALLEN & MAJOR ASSOCIATES, INC. IS NOT RESPONSIBLE FOR SITE DEMOLITION ITEMS NOT SHOWN ON THE SURVEY, OR SPECIFICALLY NOTED. THE DEMOLITION NOTES AND ARROWS ON THIS PLAN ARE TYPICAL AND DO NOT REFLECT QUANTITY.
  - THE CONTRACTOR SHALL CONTACT "DIGSAFE" AND THE CITY OF NEWBURYPORT DEPARTMENT OF PUBLIC WORKS AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION WORK TO REQUEST THE LOCATION OF THE EXISTING UTILITIES.  
DIGSAFE: 1-800-344-7233  
NEWBURYPORT DEPT. OF PUBLIC WORKS: 1-978-465-4464
  - SEE THE ABBREVIATIONS AND NOTES PLANS, SHEETS ABB-1 THROUGH ABB-3.
  - PRIOR TO AND DURING CONSTRUCTION, SEE THE STORMWATER POLLUTION PREVENTION PLANS (SWPPP), AND FOR ADDITIONAL SITE RESPONSIBILITIES.
  - ALL UTILITIES AND DRAINAGE OR SEWER ELEMENTS THAT ARE TO BE REMOVED OR CAPPED ARE TO BE IN ACCORDANCE WITH THE TOWN OF NEWBURYPORT'S LOCAL REQUIREMENTS, INCLUDING BUT NOT LIMITED TO: ELECTRIC LINES, TRANSFORMERS, WATER LINES, WATER GATES, PRESSURE INDICATOR VALVES, GAS LINES & VALVES, TELE/DATA LINES, DRAINAGE LINES, DRAINAGE STRUCTURES, SEWER LINES & STRUCTURES, CATCH BASINS, MANHOLES, OVERHEAD WIRES AND TELEPHONE POLES, LIGHTING FIXTURES AND CONDUITS. ANY ABANDONED UTILITIES (PIPES, SEWER LINES, DRAINAGE ELEMENTS, WATER ETC.) ARE TO BE CUT AT THE RESPECTIVE MAIN AND CAPPED.  
  
ALL ABANDONED EXISTING UTILITIES AND UTILITIES TO BE ABANDONED SHALL EITHER BE ABANDONED IN PLACE OR SHALL BE REMOVED AND DISPOSED OF AS SPECIFIED IF IN CONFLICT WITH PROPOSED IMPROVEMENTS. ANY UTILITIES 4" OR LARGER ARE TO BE REMOVED. ALL UTILITIES SCHEDULED FOR ABANDONMENT OR REMOVAL AND DISPOSAL MUST BE COORDINATED BY THE CONTRACTOR WITH THE TOWN OF NEWBURYPORT AND THE RESPECTIVE UTILITY OWNER. WHEN ABANDONED UTILITIES ARE TO BE LEFT IN PLACE, PLUG OR GAP THE ENDS OF THE CONDUITS AND PIPES AT THE RESPECTIVE MAIN. REMOVE ABANDONED UTILITY MANHOLES, JUNCTION BOXES AND SIMILAR STRUCTURES TO A MINIMUM DEPTH OF 4 FEET BELOW FINISHED GRADE AND PUNCTURE OR BREAK THE BOTTOM SLABS OF MANHOLES AND SIMILAR STRUCTURE TO ALLOW DRAINAGE. BACKFILL AND COMPACT EXCAVATIONS RESULTING FROM REMOVAL OF UTILITY FACILITIES, AS REQUIRED TO RESTORE THE ORIGINAL GRADE. ALL EXISTING DRAINAGE AND SEWER STRUCTURES ON-SITE ARE TO BE REMOVED.
  - ALL EXISTING TREES TO REMAIN SHALL HAVE TREE PROTECTION FENCING INSTALLED PRIOR TO ANY DEMOLITION, EROSION CONTROL OR PROPOSED CONSTRUCTION. SEE DETAIL. MA LICENSED ARBORIST TO COMPLETE ITEM A SCOPE OF WORK BELOW ON EXISTING TREES TO REMAIN.  
  
A. ALL EXISTING TREES TO REMAIN REQUIRE A SOIL ANALYSIS, A BIO-STIMULANT INCLUDING BUT NOT LIMITED TO AN ARBORKELP TREATMENT (A BIOSTIMULANT OF SEA KELP AND OTHER BIOLOGICALLY ACTIVE COMPONENTS). TREATMENT TO BE PRIOR TO CONSTRUCTION) DEEP ROOT INJECTION TO ASSIST TREES WITH STRESS FROM HOT TEMPERATURES, CONSTRUCTION, AND INSECT DAMAGE.  
  
B. DURING ENTIRE DURATION OF CONSTRUCTION, SUPPLEMENTAL WATERING IS REQUIRED BY THE SITE CONTRACTOR. WATERING IS TO BE EQUIVALENT TO 2" OF RAIN PER WEEK. A SEASONED WOOD MULCH IS TO BE INSTALLED IN THE ROOT ZONES TO MAINTAIN SOIL MOISTURE. IMPORTANT TO NOTE THE WOOD MULCH IS NOT TO BE MOUND UP ABOVE THE TREES NATURALROOT FLARE.  
  
C. ANY DAMAGE TO THE PROTECTED TREES OR THE TREE PROTECTION AREA BY A CONTRACTOR IS TO BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER AND REMEDIATED BY WITH THE CONTRACTOR RESPONSIBLE TO PAY THE COSTS. REMEDIAL WORK MAY INCLUDE BUT IS NOT LIMITED TO PRUNING, CABLING, SOIL AERATION TO ADDRESS COMPACTION OR ANY OTHER MEASURES UP TO AND INCLUDING REMOVAL AND REPLACEMENT OF THE TREE AS DETERMINED BY THE PROJECT ARBORIST, OWNER, AND LANDSCAPE ARCHITECT.



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1-888-344-7233

N:\PROJECTS\2699-01\CIVIL\DRAWINGS\CONSTRUCTION\19-01-SITE-PREP & DEMO.DWG

ISSUED FOR LOCAL PERMITTING - NOT FOR CONSTRUCTION

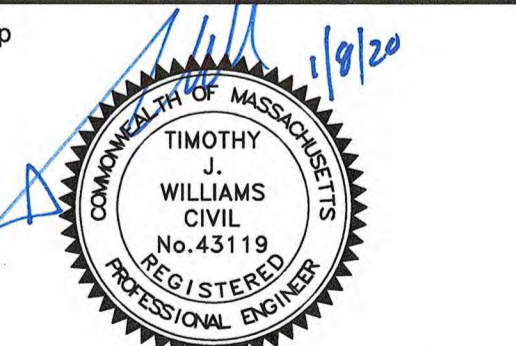


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drawing by: AM SIM RBT JAW  
drawing checked by: RBT JAW  
AM project number: 2699-01

ISSUE	DATE
ISSUED FOR LOCAL PERMITTING	11-25-19
ISSUED FOR REQUEST FOR A ZONING DETERMINATION	12-09-19
ISSUED FOR SITE PLAN REVIEW AND SPECIAL PERMIT	01-08-20

Mark	Revision	Date



Drawing Title  
**LAYOUT & MATERIALS PLAN**

Scale: 1" = 20'  
Drawing Number:

**C-102**

JACA Project Number 190042

LEGEND	
PROPERTY LINE UNCONFIRMED (SEE NOTES)	---
SIGN	+
PROP. BOLLARD	•
PROP. BUILDING	▭
BUILDING ARCHITECTURE	▭
BUILDING INTERIOR WALLS	▭
PROP. CURB	▭
RETAINING WALL	▭
PARKING STRIPING	▭
CONC. SIDEWALK	▭
ADA DET. WARNING SURFACE	▭
PROP. PAVERS	▭
SAW-CUT LINE	---

**NOTES:**

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DIGSAFE: 1-800-344-7233  
NEWBURYPORT DEPT. OF PUBLIC WORKS: 1-978-465-4464
- HOSPITAL HELIPORT DESIGN BASED UPON FAA DESIGN REGULATIONS (AC 150/5390-2C, CHAPTER 4 HOSPITAL HELIPORTS). THE DESIGN HAS BEEN BASED UPON THE COAST GUARD'S SIK MH-60 JAYHAWK AS THEY WILL BE UTILIZING THE HELIPORT AND THIS IS A LARGER HELICOPTER THAN THE MIDLIGHT SIK 576. WITHIN THE FAA REGULATIONS THE SIK MH-60 BLACKHAWK DIMENSIONS WERE UTILIZED AS THEY ARE SIMILAR TO THE SIK MH-60 JAYHAWK. SEE DETAILS.
- BUILDING FOOTPRINT PROVIDED TO ALLEN & MAJOR ASSOCIATES FROM CLIENT JACA ARCHITECTS ON NOVEMBER 14, 2019. SEE ARCHITECTURAL PLANS BY JACA ARCHITECTS FOR BUILDING LOCATION, LAYOUT, UTILITY LOCATIONS, DOOR LOCATIONS AND ALL ARCHITECTURAL DETAILS.

**OFF-STREET PARKING SUMMARY**

**208 - HOSPITAL USE:**  
1 PER 2 EMPLOYEES PLUS 1 PER DOCTOR PLUS 1 PER 2 BEDS

(402 EMPLOYEES) x 1 SPACE PER 2 EMPLOYEES = 201 SPACES  
(21 DOCTORS) x 1 SPACE PER DOCTOR = 21 SPACES  
(123 BEDS) x 1 SPACE PER 2 BEDS = 62 SPACES

**215 - MEDICAL OFFICE BUILDING:**  
1 PER 2 EMPLOYEES PLUS 1 PER 300 SQUARE FEET GROSS FLOOR AREA

(66 EMPLOYEES) x 1 SPACE PER 2 EMPLOYEES = 33 SPACES  
(58,000 G.S.F.) x 1 SPACE PER 300 G.S.F. = 194 SPACES

**SITE TOTAL OFF-STREET PARKING REQUIREMENT = 511 SPACES**

**ADA REQUIRED STANDARD ACCESSIBLE & VAN ACCESSIBLE SPACES**  
(839 TOTAL STALLS)\*(2.0%) = 16.78 STALLS, ROUNDED TO 17 HANDICAPPED STALLS REQUIRED, OF WHICH 1 OUT OF EVERY 6 PROPOSED ADA ACCESSIBLE STALLS MUST BE VAN ACCESSIBLE.

(17 REQUIRED STANDARD ADA ACCESSIBLE STALLS)\*(1/6 VAN ACCESSIBLE) = 3 VAN ACCESSIBLE STALLS REQUIRED  
6 EXISTING VAN STALLS ARE PROVIDED OUT OF THE 26 TOTAL EXISTING ACCESSIBLE STALLS

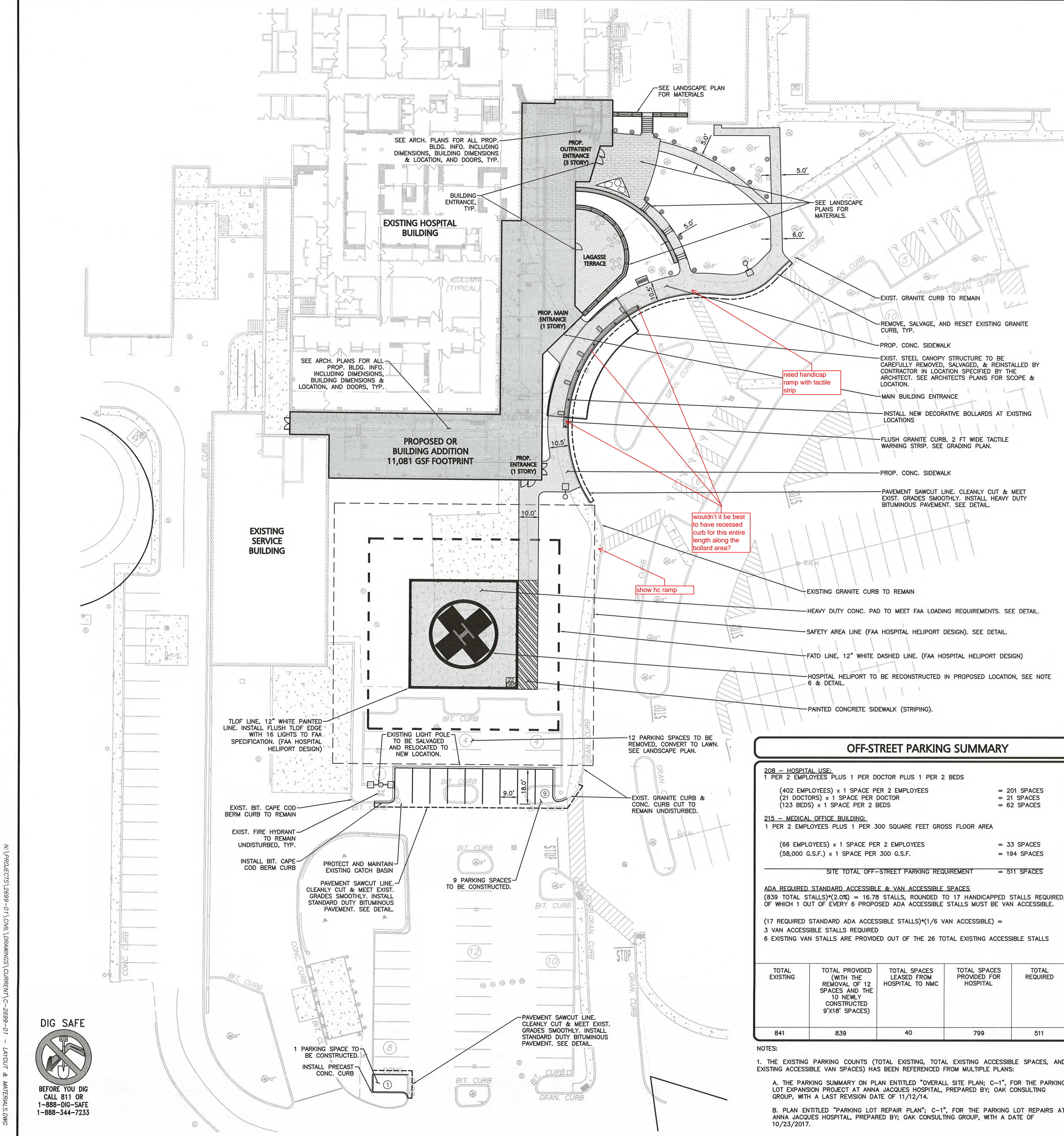
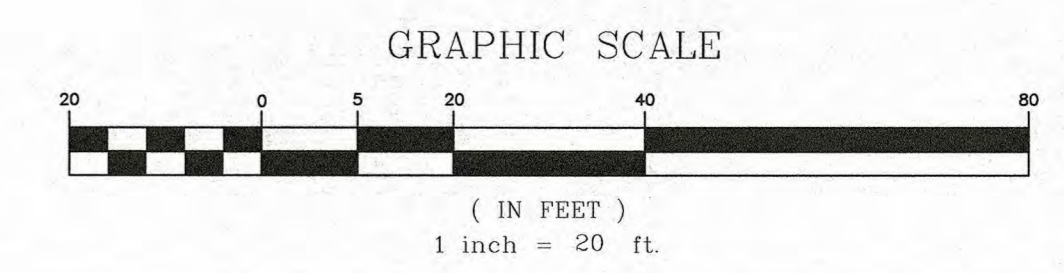
TOTAL EXISTING	TOTAL PROVIDED (WITH THE REMOVAL OF 12 SPACES AND THE 10 NEWLY CONSTRUCTED 9'X18' SPACES)	TOTAL SPACES LEASED FROM HOSPITAL TO NMC	TOTAL SPACES PROVIDED FOR HOSPITAL	TOTAL REQUIRED
841	839	40	799	511

- NOTES:**
- THE EXISTING PARKING COUNTS (TOTAL EXISTING, TOTAL EXISTING ACCESSIBLE SPACES, AND EXISTING ACCESSIBLE VAN SPACES) HAS BEEN REFERENCED FROM MULTIPLE PLANS:
  - A. THE PARKING SUMMARY ON PLAN ENTITLED "OVERALL SITE PLAN; C-1", FOR THE PARKING LOT EXPANSION PROJECT AT ANNA JACQUES HOSPITAL, PREPARED BY: OAK CONSULTING GROUP, WITH A LAST REVISION DATE OF 11/12/14.
  - B. PLAN ENTITLED "PARKING LOT REPAIR PLAN; C-1", FOR THE PARKING LOT REPAIRS AT ANNA JACQUES HOSPITAL, PREPARED BY: OAK CONSULTING GROUP, WITH A DATE OF 10/23/2017.

**LAND USAGE TABLE - GENERAL ACUTE CARE MEDICAL (M-1)  
USE: 208 - HOSPITAL / 215 - MEDICAL OFFICE BUILDING**

ITEM	EXISTING <sup>1</sup>	PROPOSED <sup>1,3,4</sup>	REQUIRED/ALLOWED
LOT AREA (S.F.)	10.56 AC. (459,913 S.F.)	10.56 AC. <sup>1</sup> (459,913 S.F.)	4.60 AC. (200,000 S.F.)
FRONTAGE (FEET)	1,451'	1,451'	200'
FRONT YARD SETBACK (FEET)	20'	20'	20'
SIDE YARD SETBACK (FEET)	20'	20'	20'
REAR YARD SETBACK (FEET)	20'	20'	20'
MAX. BUILDING HEIGHT (FEET)	39.4'	36.5'	40'
LOT COVERAGE (%) <sup>2</sup>	20% (91,983 S.F.)	22% (101,323 S.F.)	50% (229,956 S.F.)
OPEN SPACE (%)	N/A	N/A	N/A

- NOTES:**
- ALL EXISTING DIMENSIONAL CALCULATIONS & PROPOSED FRONT YARD, SIDE YARD, REAR YARD SETBACKS, HAVE BEEN REFERENCED FROM THE PARKING SUMMARY ON PLAN ENTITLED "OVERALL SITE PLAN", FOR THE EXPANSION PROJECT AT ANNA JACQUES HOSPITAL, PREPARED BY: OAK ENGINEERS, DATED: 9/8/2010. THE PROPOSED PROJECT DOES NOT CHANGE THE FRONT YARD, SIDE YARD, & REAR YARD SETBACKS AS THE PROPOSED BUILDING ADDITION IS LOCATED ON THE INTERIOR OF THE PROPERTY AND FURTHER AWAY FROM THE PROPERTY LINE THAN THE EXISTING BUILDING.
  - LOT COVERAGE, THAT PERCENTAGE OF THE LOT AREA WHICH IS DEVOTED TO BUILDING AREA. (SECTION II. - DEFINITIONS 2.5.)
  - PROPOSED BUILDING HEIGHT & STORIES IS FROM JACA ARCHITECTS ON DECEMBER 16, 2019.
  - PROPOSED BUILDING FOOTPRINT G.S.F. IS FROM JACA ARCHITECTS ON DECEMBER 16, 2019.



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A:\PROJECTS\2699-01\CIVIL DRAWINGS\CURRENT\C-2699-01 - LAYOUT & MATERIALS.DWG

ISSUED FOR LOCAL PERMITTING - NOT FOR CONSTRUCTION

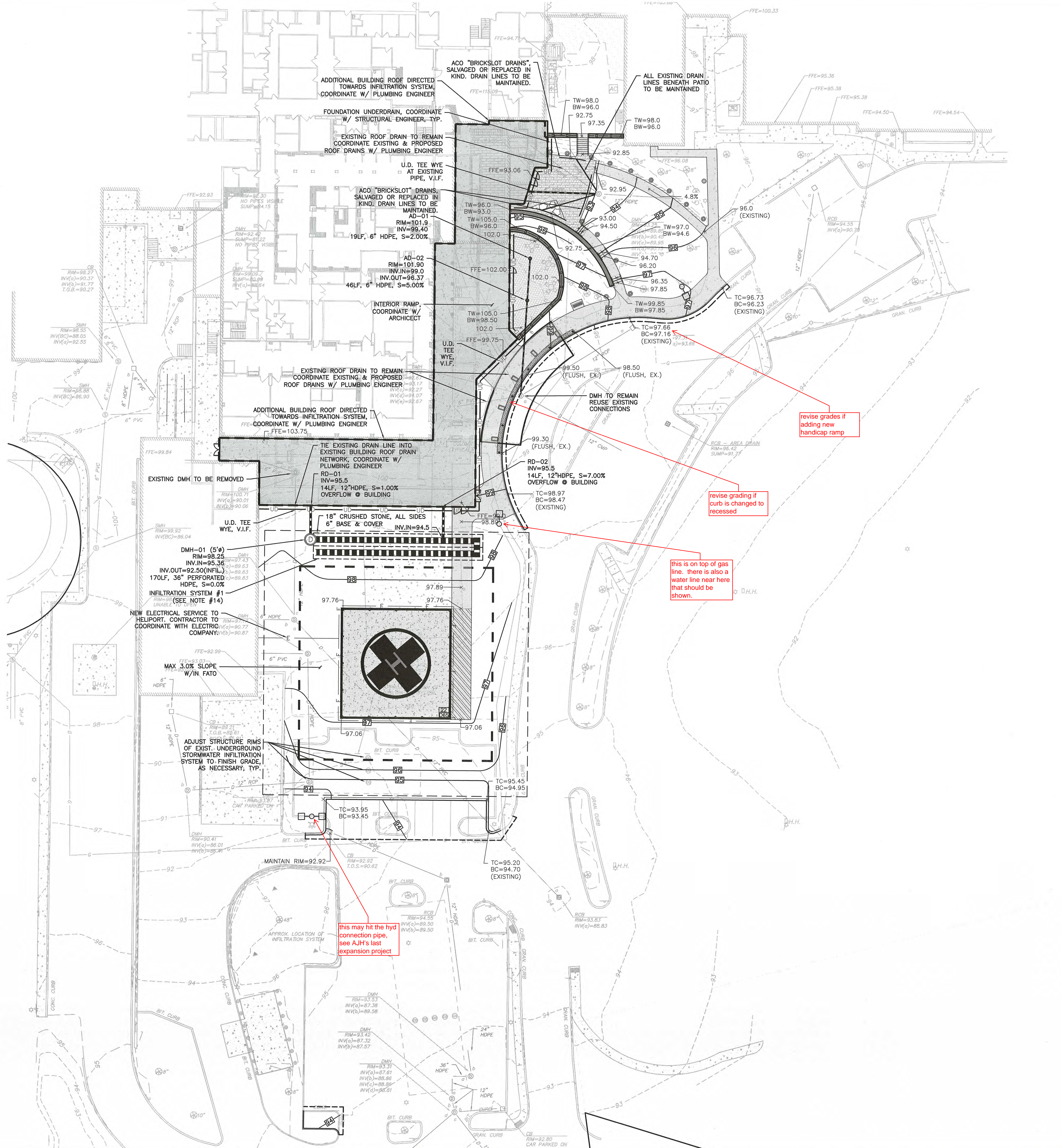


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**LEGEND**

- DRAIN MANHOLE
- AREA DRAIN
- DRAIN LINE
- 5' CONTOUR
- 1' CONTOUR
- SPOT GRADE
- INFILTRATION SYSTEM
- FOUNDATION UNDERDRAIN

- GRADING & DRAINAGE NOTES:**
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  - CONTRACTOR SHALL REMOVE OR ROUTE ANY EXISTING UTILITIES THAT CONFLICT WITH EXISTING IMPROVEMENTS.
  - ALL ELEVATIONS REFER TO NAVD 88.
  - ROOF DRAIN LOCATIONS TO BE COORDINATED W/ ARCHITECT.
  - PIPE DIMENSIONS ARE MEASURED FROM THE INSIDE FACE OF THE STRUCTURE.
  - EXISTING PAVEMENT SHALL BE SAW-CUT AND PAVEMENT JOINT SHALL BE INSTALLED WHERE NECESSARY TO ENSURE A SMOOTH CONTINUOUS GRADE.
  - IN LANDSCAPED AREAS THE TOP ELEVATION OF DRAIN RIM/COVER SHALL BE FLUSH WITH FINISH GRADE OF THE LOAM. IN PAVED AREAS THE TOP ELEVATIONS OF MANHOLES SHALL MATCH FINISH GRADE.
  - ALL EXIST. STRUCTURES NEAR AREA OF WORK & NEWLY INSTALLED CATCH BASINS, MANHOLES, AND WATER QUALITY STRUCTURES TO BE CLEANED OUT PRIOR TO FINAL APPROVAL TO REMOVE ANY CONSTRUCTION SILT AND DEBRIS.
  - IF ANY EXISTING UTILITY STRUCTURES TO REMAIN ARE DAMAGED DURING CONSTRUCTION IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR AND/OR REPLACE THE EXISTING STRUCTURE AS NECESSARY TO RETURN IT TO EXISTING CONDITIONS OR BETTER AT NO ADDITIONAL COST.
  - ALL STORM PIPE ENTERING STRUCTURES SHALL BE GROUTED TO ASSURE CONNECTION AT STRUCTURE IS WATERTIGHT.
  - CONTRACTOR SHALL ENSURE POSITIVE DRAINAGE AWAY FROM BUILDINGS FOR ALL NATURAL AND PAVED AREAS.
  - ALL DRAINAGE SHALL CONFORM TO LOCAL REQUIREMENTS.
  - THE CONTRACTOR SHALL CONFIRM, BY TEST PIT, THE SOILS SURROUNDING INFILTRATION SYSTEM #1 PRIOR TO CONSTRUCTION.
  - THE INFORMATION SHOWN ON THIS PLAN IS THE SOLE PROPERTY OF ALLEN & MAJOR ASSOCIATES, INC. ITS INTENDED USE IS TO PROVIDE INFORMATION. ANY ALTERATION, MISUSE, OR RECALCULATION OF INFORMATION OR DATA WITHOUT THE EXPRESSED, WRITTEN CONSENT OF ALLEN & MAJOR ASSOCIATES, INC. IS STRICTLY PROHIBITED.



revise grades if adding new handicap ramp

revise grading if curb is changed to recessed

this is on top of gas line, there is also a water line near here that should be shown.

this may hit the hyd connection pipe, see AJH's last expansion project

ISSUED FOR LOCAL PERMITTING - NOT FOR CONSTRUCTION

Drawing by:	AM SM RB T JW
Drawing checked by:	RB T JW
A&M project number:	2699-01

ISSUE	DATE
ISSUED FOR LOCAL PERMITTING	11-25-19
ISSUED FOR SITE PLAN REVIEW AND SPECIAL PERMIT	01-08-20

Mark	Revision	Date

Stamp

Drawing Title  
**GRADING & DRAINAGE PLAN**

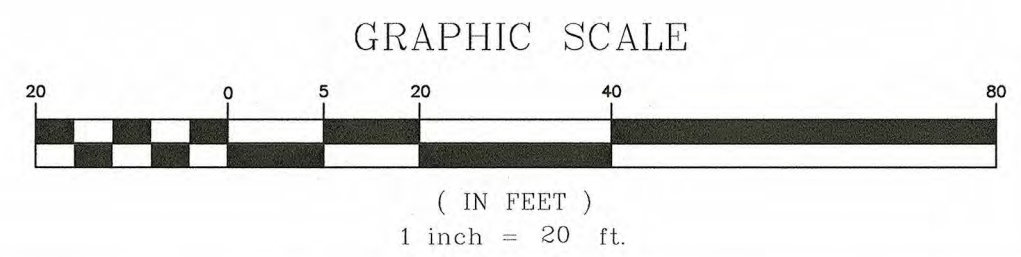
Scale: 1" = 20'  
Drawing Number:

**C-103**

JACA Project Number 190042

**DIG SAFE**

BEFORE YOU DIG  
CALL 811 OR  
1-888-DIG-SAFE  
1-888-344-7233



M:\PROJECTS\2699-01\CIVIL\DRAWINGS\CURRENT\C-2699-01\_GROUNDING & DRAINAGE.DWG



EXCERPT FROM LAST AJH PROJECT  
IN 2010

FE=104.8'±

6" PVC  
L=38'  
S=0.005

NEW UNDERGROUND  
ELECTRIC CONDUITS

PROPOSED SERVICE  
BUILDING  
FF = 94.58

CONNECT HELIPAD  
TO NEW ELECTRIC  
SERVICE

PROPOSED  
HYDRANT

CONNECT NEW GAS  
SERVICE TO EXISTING MAIN

CONNECT TO EXISTING  
8" WATER MAIN

looks like water  
was capped here,  
similar for gas line  
above and to the  
right

this hyd connection  
pipe will be hit by  
the new light pole, if  
this Plan is accurate

