

LEGEND	
	FIRE HYDRANT
	FLARED END
	DRAIN MANHOLE
	DECIDUOUS TREE
	CATCH BASIN
	WATER VALVE
	UTILITY POLE
	TREE
	LIGHT POLE
	MONITORING WELL
	VALVE
	EXPLORATORY WELL
	DRAIN LINE
	WATER LINE
	WOOD GUARD RAIL
	TREE LINE
	2' CONTOURS
	10' CONTOURS
	PROPERTY LINE
	ABUTTERS PROPERTY LINE
	WETLAND FLAG
	WETLAND LINE
	SPOT GRADE
	VERTICAL GRANITE CURB
	SLOPED GRANITE CURB

SURVEY NOTES:

- THE PROPERTY LINES SHOWN ON THIS PLAN ARE BASED UPON AN ACTUAL FIELD SURVEY CONDUCTED BY SYMMES MAIN & MCKEE ASSOCIATES, INC. (SMMA) IN JANUARY 2007 AND FROM DEEDS AND PLANS OF RECORD.
- THE EXISTING CONDITIONS SHOWN ON THIS PLAN ARE COMPILED FROM PLANS BY GUTIERREZ & ASSOCIATES, INC. AND FIELD VERIFIED BY SMMA IN JANUARY 2007.
- THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED ON FIELD OBSERVATIONS AND INFORMATION OF RECORD. THEY ARE NOT WARRANTED TO BE EXACTLY LOCATED NOR IS IT WARRANTED THAT ALL UNDERGROUND UTILITIES OR OTHER STRUCTURES ARE SHOWN ON THIS PLAN.
- HORIZONTAL DATUM IS BASED ON MASS GRID SYSTEM, NAD 1983. ELEVATIONS SHOWN ON THIS PLAN REFER TO THE MEAN OF SEAS.
- THE WETLANDS WERE DELINEATED AND FIELD LOCATED BY SMMA IN JANUARY 2007. FLAGGING WAS RE-EVALUATED BY SMMA IN JUNE 2006 AND NUMBERED AS ORIGINALLY SHOWN. FLAG LOCATIONS WERE CONFIRMED BY LEGAL ENVIRONMENTAL, LLC IN OCTOBER 2006.

EXISTING LOT 4A
AREA = 1,416,420± S.F.
(32.52± ACRES)

PROPOSED LOT 4B
1,098,480 S.F.
(25.22 ACRES)

EXISTING LOT 3A
AREA = 433,539± S.F.
(9.95± ACRES)

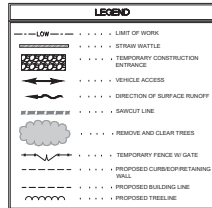
PROPOSED LOT 3B
751,479 S.F.
(17.25 ACRES)

FAIRFIELD AT MILFORD
RESIDENTIAL DEVELOPMENT

GRAPHIC SCALE
1" = 40'
1" = 40'



PROJECT: STONE RIDGE PHASE II EXISTING CONDITIONS PLAN
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NOTES:

1. ALL EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO CONSTRUCTION. EROSION CONTROL SHALL CONFORM TO THE TOWN OF MILFORD CONSERVATION COMMISSION REQUIREMENTS AS STATED IN THE ORDER OF CONDITIONS.
2. SAFETY FENCING SHALL BE PROVIDED FOR ALL STOCKPILES OVER 10 FT IN HEIGHT.

EROSION CONTROL NOTES - GENERAL

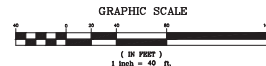
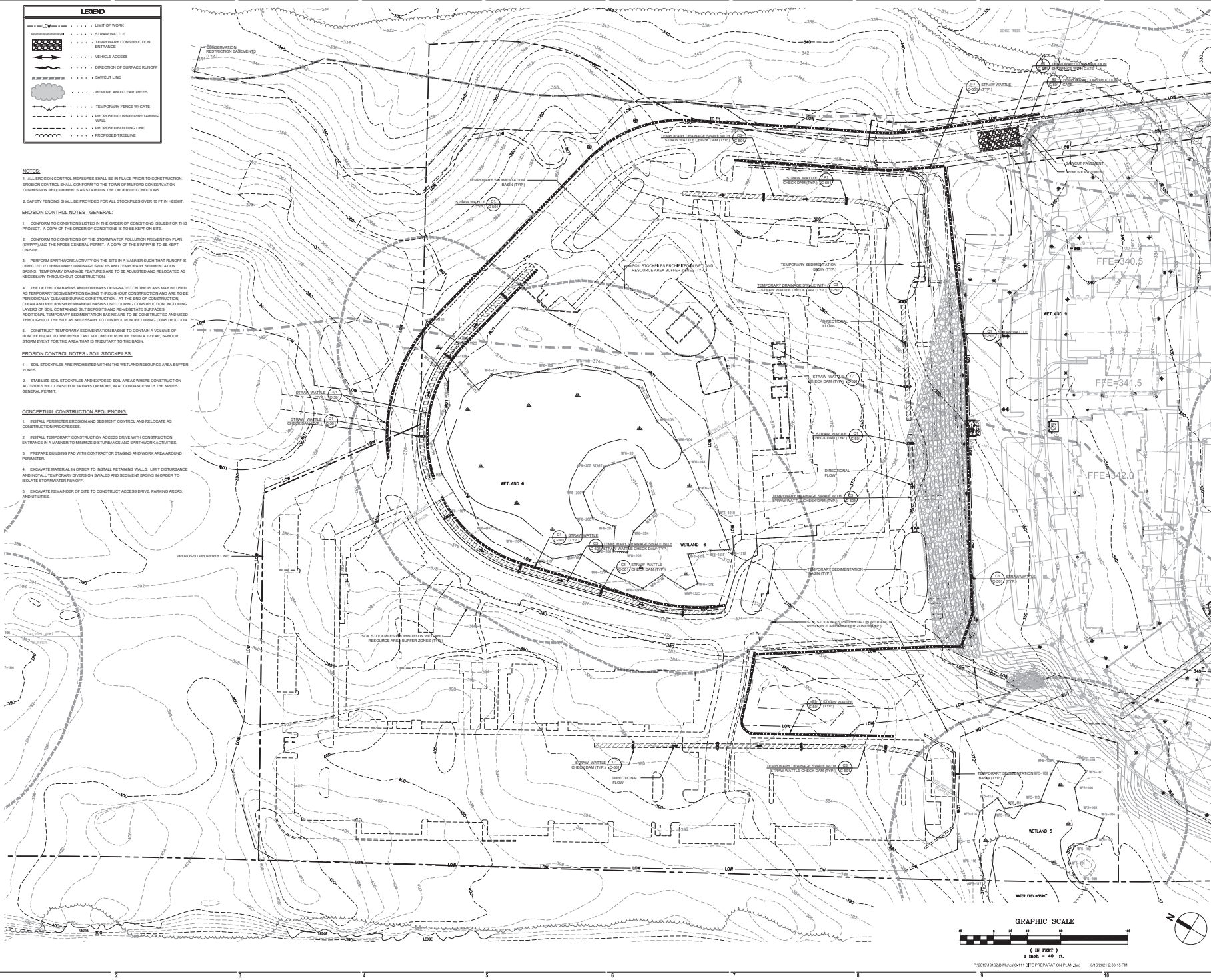
1. CONFORM TO CONDITIONS LISTED IN THE ORDER OF CONDITIONS ISSUED FOR THIS PROJECT. A COPY OF THE ORDER OF CONDITIONS IS TO BE KEPT ON-SITE.
2. CONFORM TO CONDITIONS OF THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) AND THE NPDES GENERAL PERMIT. A COPY OF THE SWPPP IS TO BE KEPT ON-SITE.
3. PERFORM EARTHWORK ACTIVITY ON THE SITE IN A MANNER SUCH THAT RUNOFF IS DIRECTED TO TEMPORARY DRAINAGE SWALES AND TEMPORARY SEDIMENTATION BASINS. TEMPORARY DRAINAGE FEATURES ARE TO BE ADJUSTED AND RELOCATED AS NECESSARY THROUGHOUT CONSTRUCTION.
4. THE DETENTION BASINS AND FOREBAYS DESIGNATED ON THE PLANS MAY BE USED AS TEMPORARY SEDIMENTATION BASINS THROUGHOUT CONSTRUCTION AND ARE TO BE PERIODICALLY CLEANED DURING CONSTRUCTION. AT THE END OF CONSTRUCTION, CLEAN AND REINSTATE PERMANENT BASINS USED DURING CONSTRUCTION, INCLUDING LAYERS OF SOIL CONTAINING SALT DEPOSITS AND RE-VEGETATE SURFACES. ADDITIONAL TEMPORARY SEDIMENTATION BASINS ARE TO BE CONSTRUCTED AND USED THROUGHOUT THE SITE AS NECESSARY TO CONTROL RUNOFF DURING CONSTRUCTION.
5. CONSTRUCT TEMPORARY SEDIMENTATION BASINS TO CONTAIN A VOLUME OF RUNOFF EQUAL TO THE RESILIENT VOLUME OF RUNOFF FROM A 24-HOUR, 24-HOUR STORM EVENT FOR THE AREA THAT IS TRIBUTARY TO THE BASIN.

EROSION CONTROL NOTES - SOIL STOCKPILES

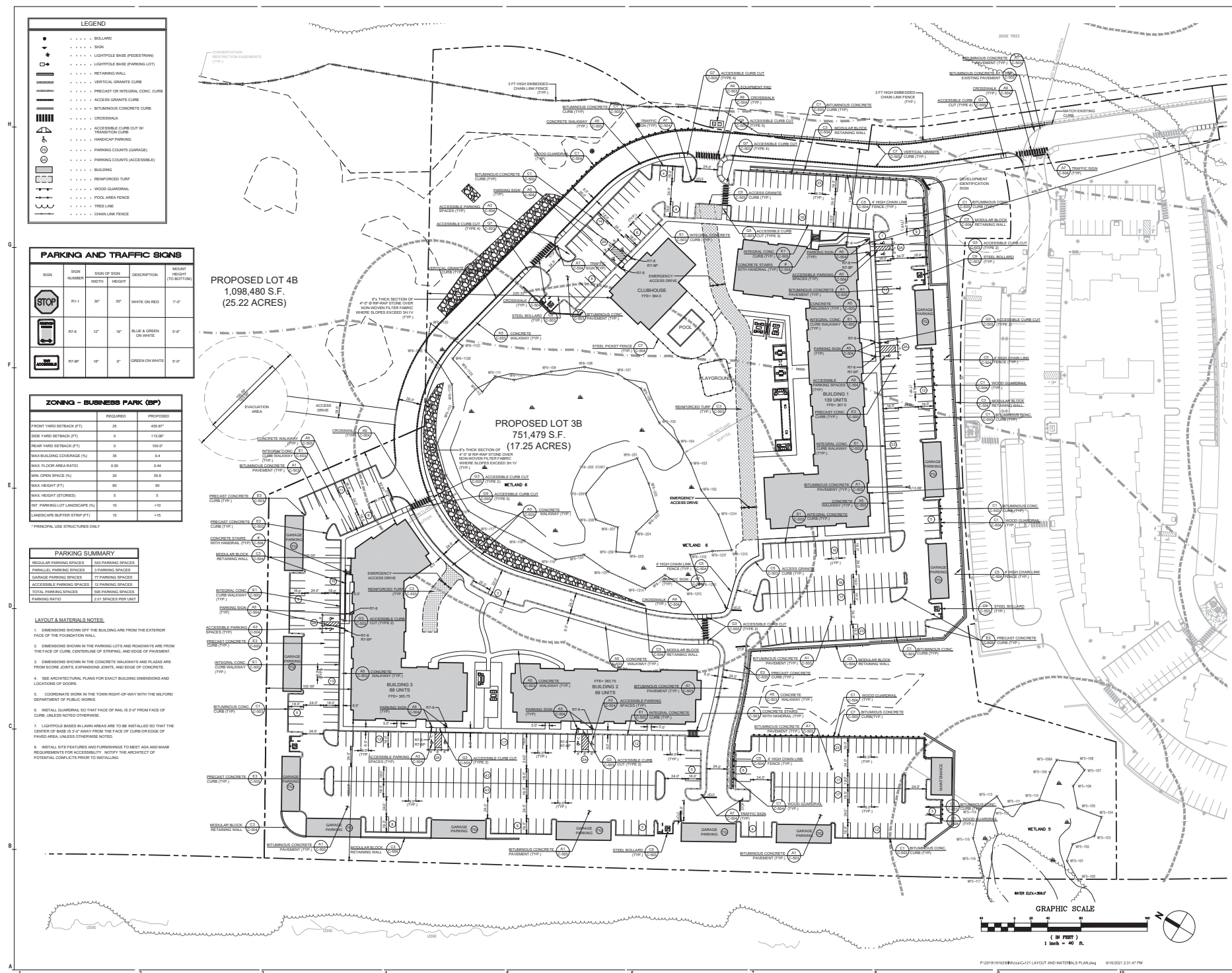
1. SOIL STOCKPILES ARE PROHIBITED WITHIN THE WETLAND RESOURCE AREA BUFFER ZONES.
2. EMULSIFY SOIL STOCKPILES AND EXPOSED SOIL AREAS WHERE CONSTRUCTION ACTIVITIES WILL CEASE FOR 14 DAYS OR MORE. IN ACCORDANCE WITH THE NPDES GENERAL PERMIT.

CONCEPTUAL CONSTRUCTION SEQUENCES:

1. INSTALL PERIMETER EROSION AND SEDIMENT CONTROL, AND RELOCATE AS CONSTRUCTION PROGRESSES.
2. INSTALL TEMPORARY CONSTRUCTION ACCESS DRIVE WITH CONSTRUCTION ENTRANCE IN A MANNER TO MINIMIZE DISTURBANCE AND EARTHWORK ACTIVITIES.
3. PREPARE BUILDING PAD WITH CONSTRUCTION STAGING AND WORK AREA AROUND PERIMETER.
4. EXCAVATE MATERIAL IN ORDER TO INSTALL RETAINING WALLS, LIMIT DISTURBANCE AND INSTALL TEMPORARY DRAINAGE SWALES AND SEDIMENT BASINS IN ORDER TO ISOLATE STORMWATER RUNOFF.
5. EXCAVATE REMAINDER OF SITE TO CONSTRUCT ACCESS DRIVE, PARKING AREAS, AND UTILITIES.

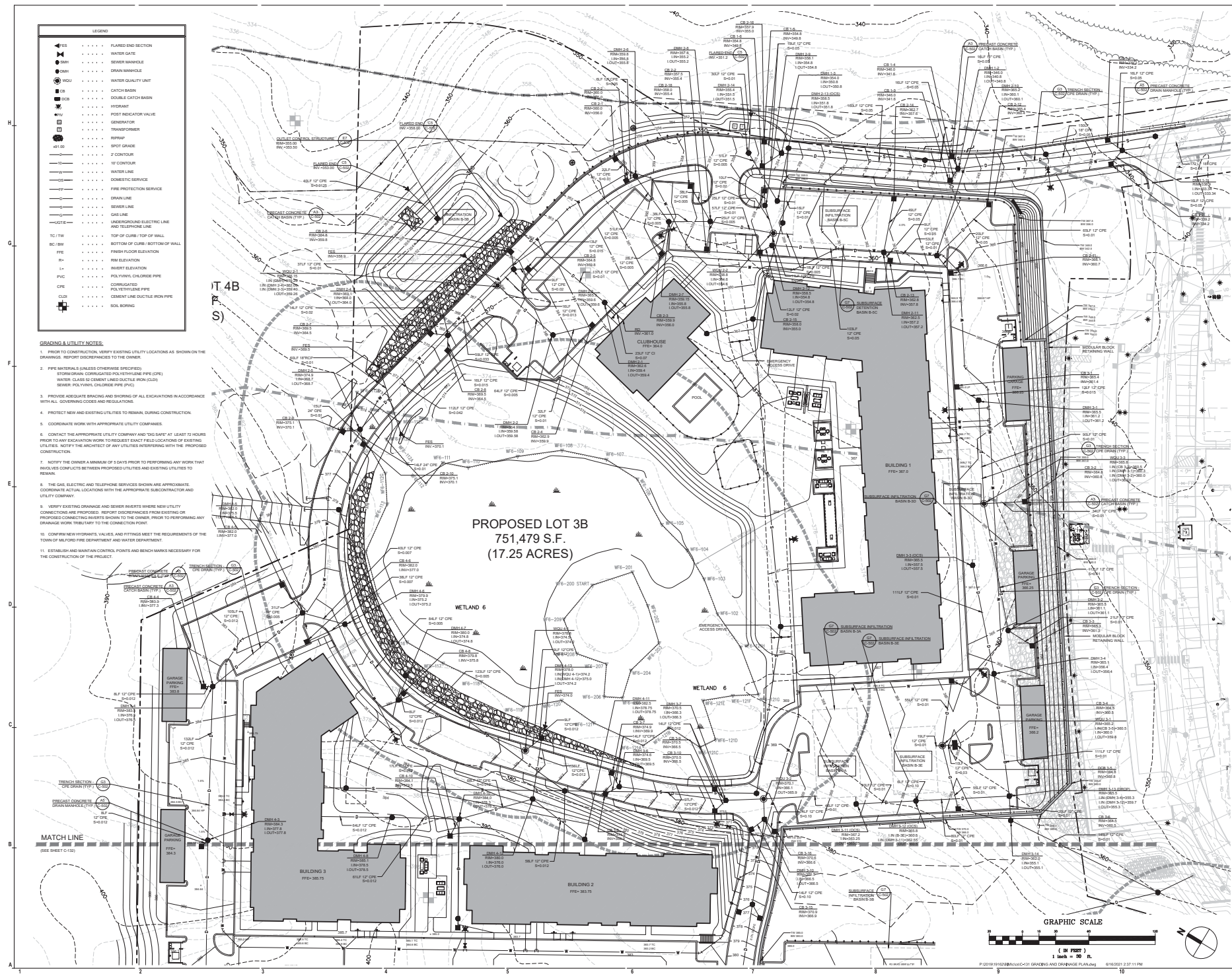


PROJECT: RESIDENCES AT STONE RIDGE PHASE II
DATE: 05/08/2007 05/10/2007

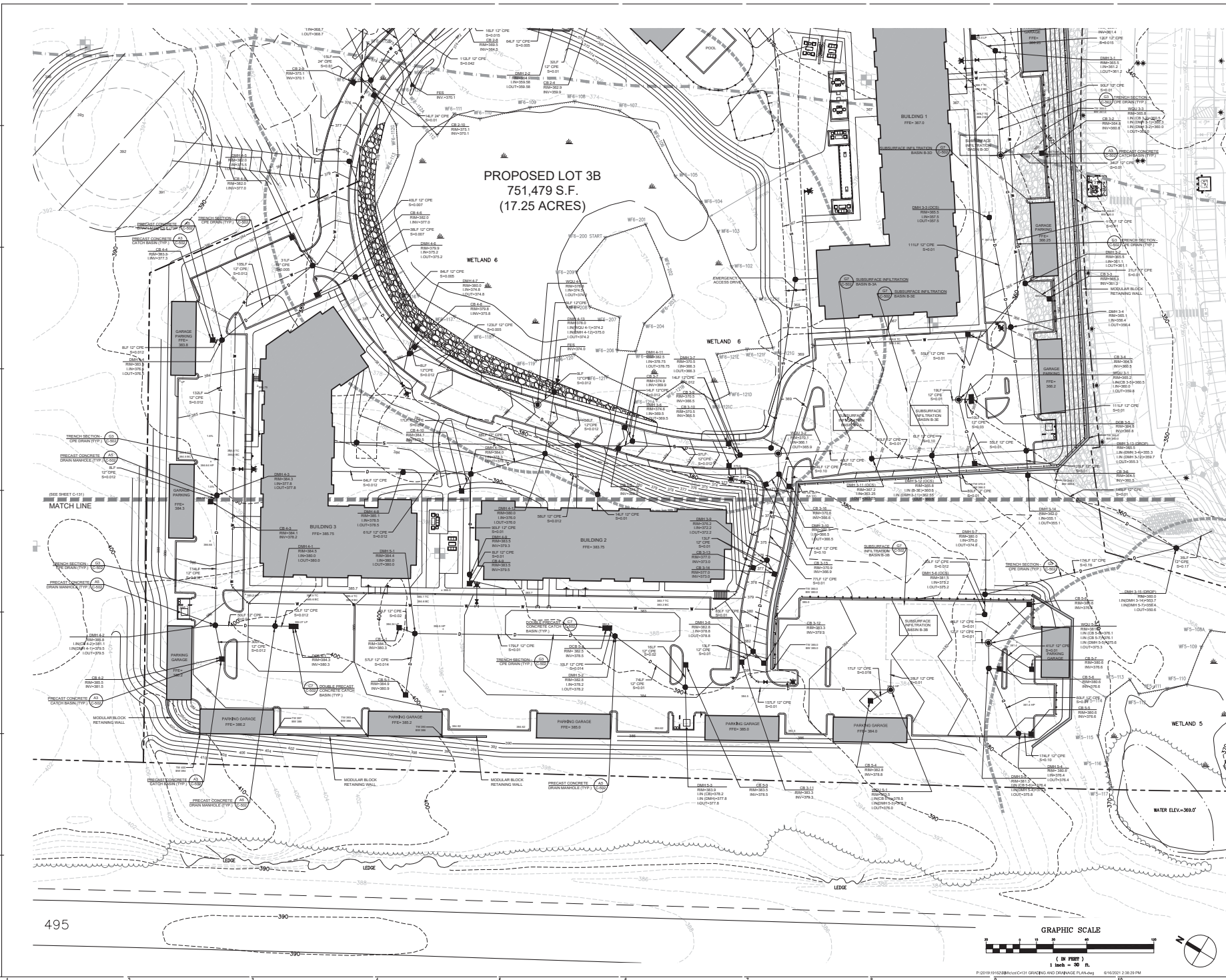


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JOB NO.	1510



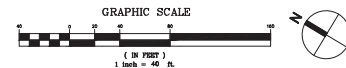
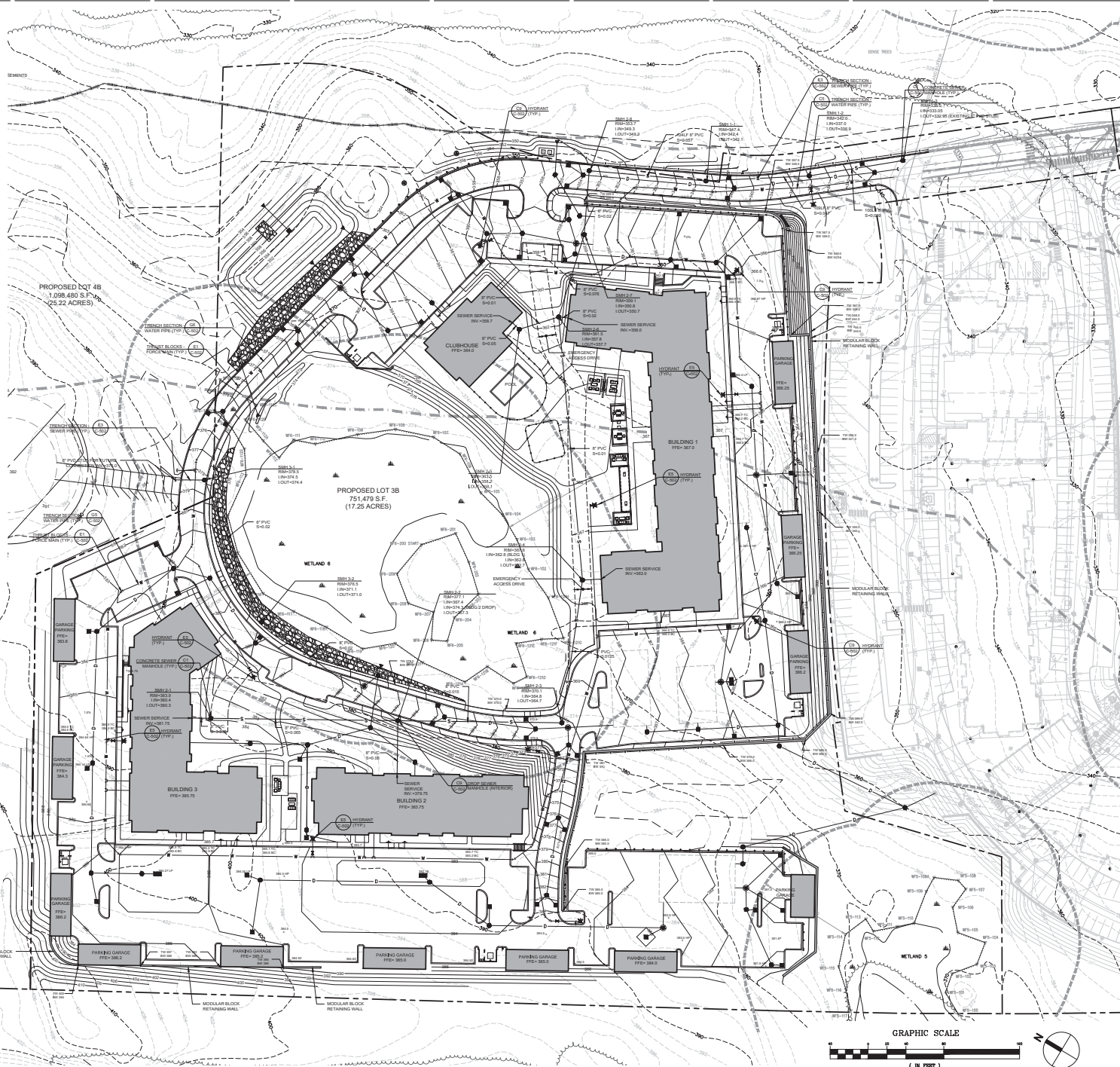
PROPOSED LOT 3B
751,479 S.F.
(17.25 ACRES)



LEGEND	
	WATER GATE
	SEWER MANHOLE
	FIRE HYDRANT
	POST INDICATOR VALVE
	GENERATOR
	TRANSFER CHAMBER
	RISER
	SPOT GRADE
	2' CONTOUR
	10' CONTOUR
	WATER LINE
	SEWER LINE
	FIRE PROTECTION SERVICE
	GAS LINE
	UNDERGROUND ELECTRIC LINE AND TELEPHONE LINE
	TOP OF CURBS / TOP OF WALL
	BOTTOM OF CURBS / BOTTOM OF WALL
	FINISH FLOOR ELEVATION
	RISE ELEVATION
	INVERT ELEVATION
	POLYVINYL CHLORIDE PIPE
	CORRUGATED POLYETHYLENE PIPE
	CONCRETE LINE DUCTILE IRON PIPE
	SOIL BORING

GRADING & UTILITY NOTES:

1. PRIOR TO CONSTRUCTION, VERIFY EXISTING UTILITY LOCATIONS AS SHOWN ON THE DRAWINGS. REPORT DISCREPANCIES TO THE OWNER.
2. PIPE MATERIALS (UNLESS OTHERWISE SPECIFIED):
STORM DRAIN: CORRUGATED POLYETHYLENE PIPE (CPE)
WATER: CLASS 35 CONCRETE LINE DUCTILE IRON PIPE (CLDIP)
SEWER: POLYVINYL CHLORIDE PIPE (PVC)
3. PROVIDE ADEQUATE BRACING AND SHORING OF ALL EXCAVATIONS IN ACCORDANCE WITH ALL GOVERNING CODES AND REGULATIONS.
4. PROTECT NEW AND EXISTING UTILITIES TO REMAIN DURING CONSTRUCTION.
5. COORDINATE WORK WITH APPROPRIATE UTILITY COMPANIES.
6. CONTACT THE APPROPRIATE UTILITY COMPANY AND "DIG SAFE" AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION WORK TO REQUEST EXACT FIELD LOCATIONS OF EXISTING UTILITIES. NOTIFY THE ARCHITECT OF ANY UTILITIES INTERFERING WITH THE PROPOSED CONSTRUCTION.
7. NOTIFY THE OWNER A MINIMUM OF 5 DAYS PRIOR TO PERFORMING ANY WORK THAT INVOLVES CONFLICTS BETWEEN PROPOSED UTILITIES AND EXISTING UTILITIES TO REMAIN.
8. THE GAS, ELECTRIC AND TELEPHONE SERVICES SHOWN ARE APPROXIMATE. COORDINATE ACTUAL LOCATIONS WITH THE APPROPRIATE SUBCONTRACTOR AND UTILITY COMPANY.
9. VERIFY EXISTING DRAINAGE AND SEWER INVERTS WHERE NEW UTILITY CONNECTIONS ARE PROPOSED. REPORT DISCREPANCIES FROM EXISTING OR PROPOSED EXISTING INVERTS SHOWN TO THE OWNER PRIOR TO PERFORMING ANY DRAINAGE WORK TRIBUTARY TO THE CONNECTION POINT.
10. CONFIRM NEW HYDRAULIC VALVES AND FITTINGS MEET THE REQUIREMENTS OF THE TOWN OF MILFORD FIRE DEPARTMENT AND WATER DEPARTMENT.
11. ESTABLISH AND MAINTAIN CONTROL POINTS AND BENCH MARKS NECESSARY FOR THE CONSTRUCTION OF THE PROJECT.
12. CONFORM TO RULES & REGULATIONS OF THE MILFORD SEWER DEPARTMENT AND MILFORD WATER COMPANY.



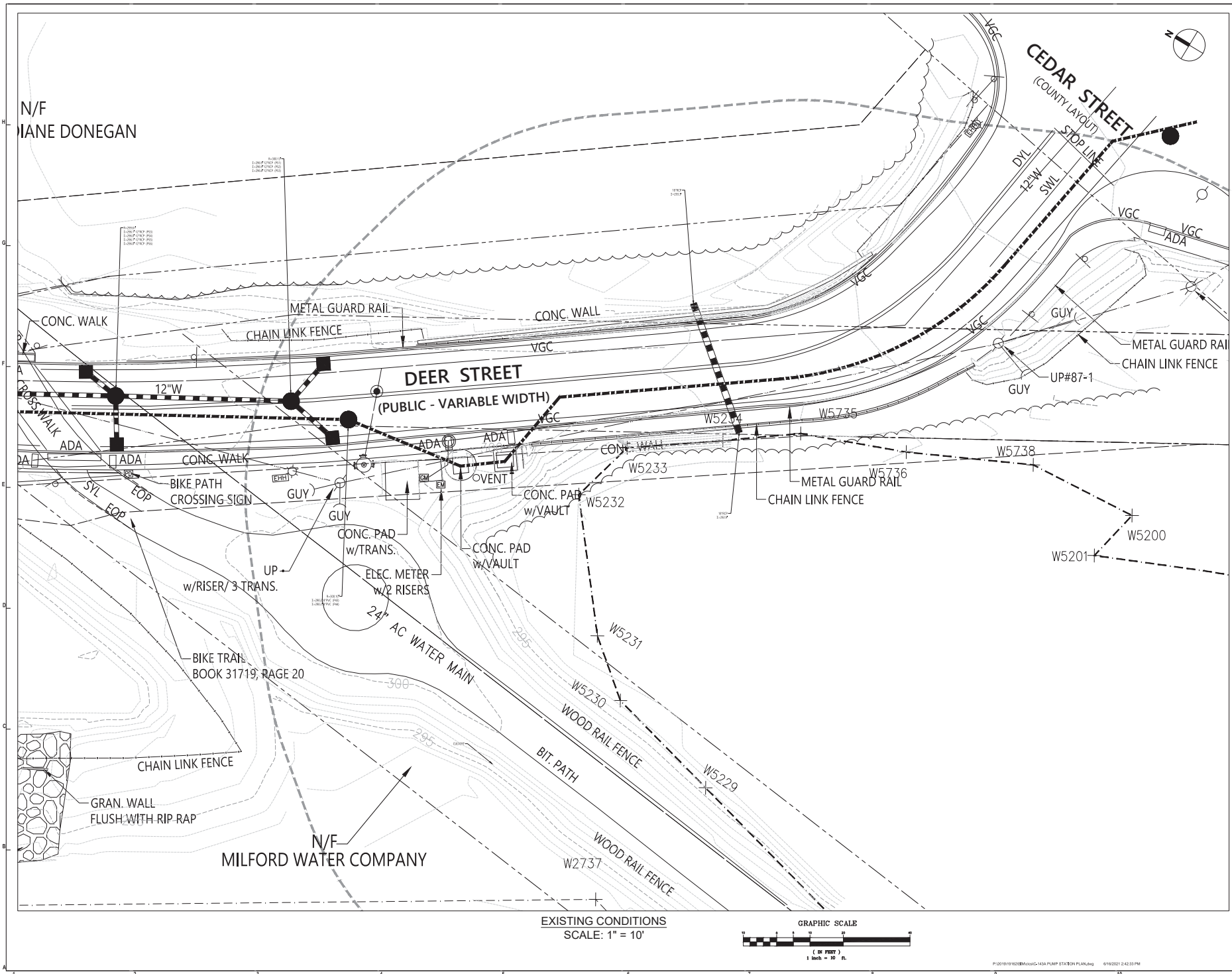
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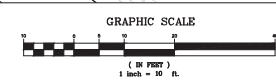
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CHECK BY	WMP
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PROJ. MGR.	SMV
JOB NO.	10192

PUMP STATION -
EXISTING CONDITIONS
PLAN

C-143A



EXISTING CONDITIONS
SCALE: 1" = 10'



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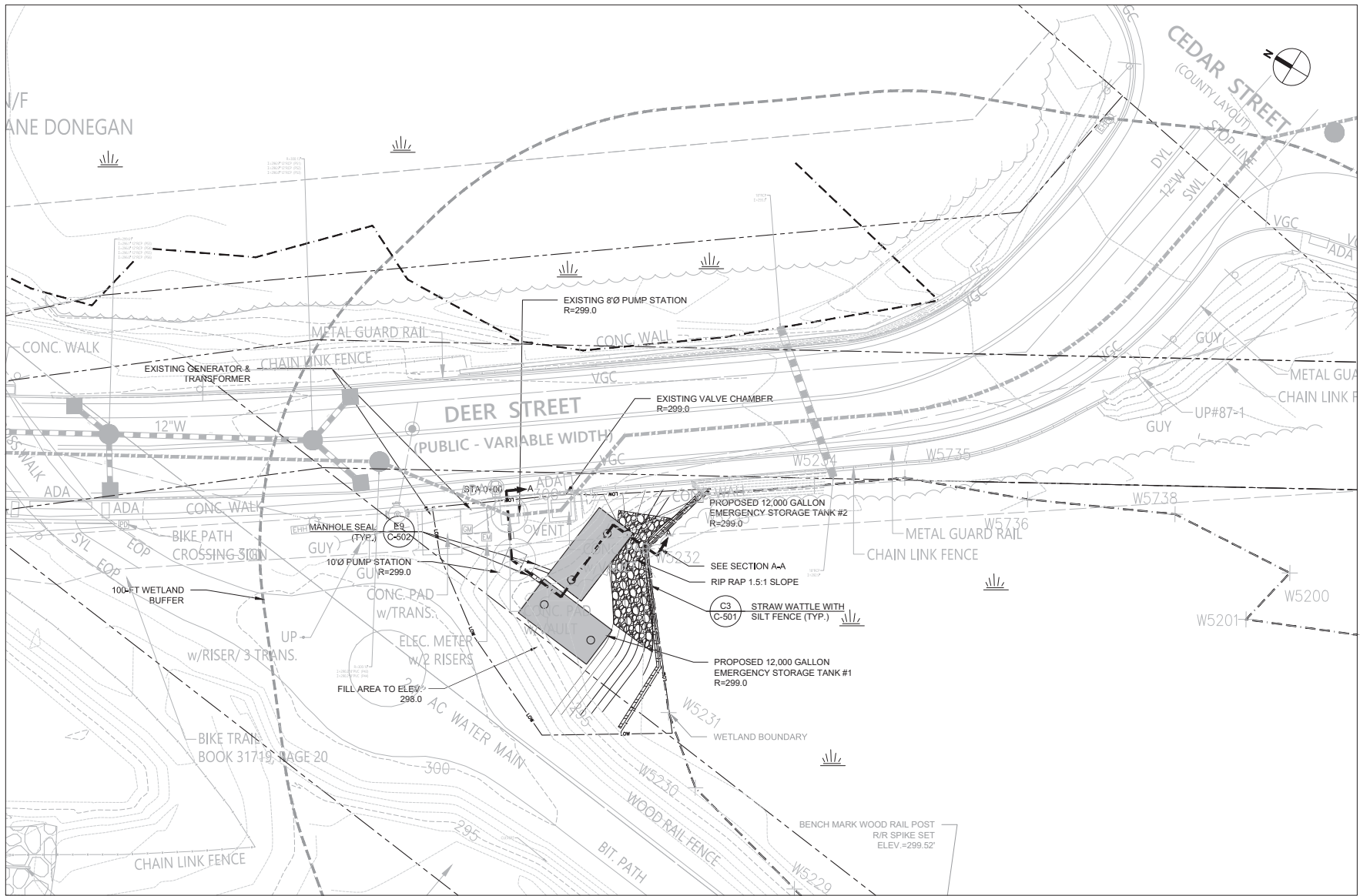
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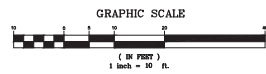
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JOB NO.	10192





PUMP STATION -
SITE IMPROVEMENT
PLAN

C-143B



SITE IMPROVEMENT PLAN
SCALE: 1" = 10'



LEGEND	
	PROPOSED LIMIT OF WORK
	PREVIOUSLY APPROVED LIMIT OF WORK
	WETLAND BOUNDARY
	STRAW WATTLE

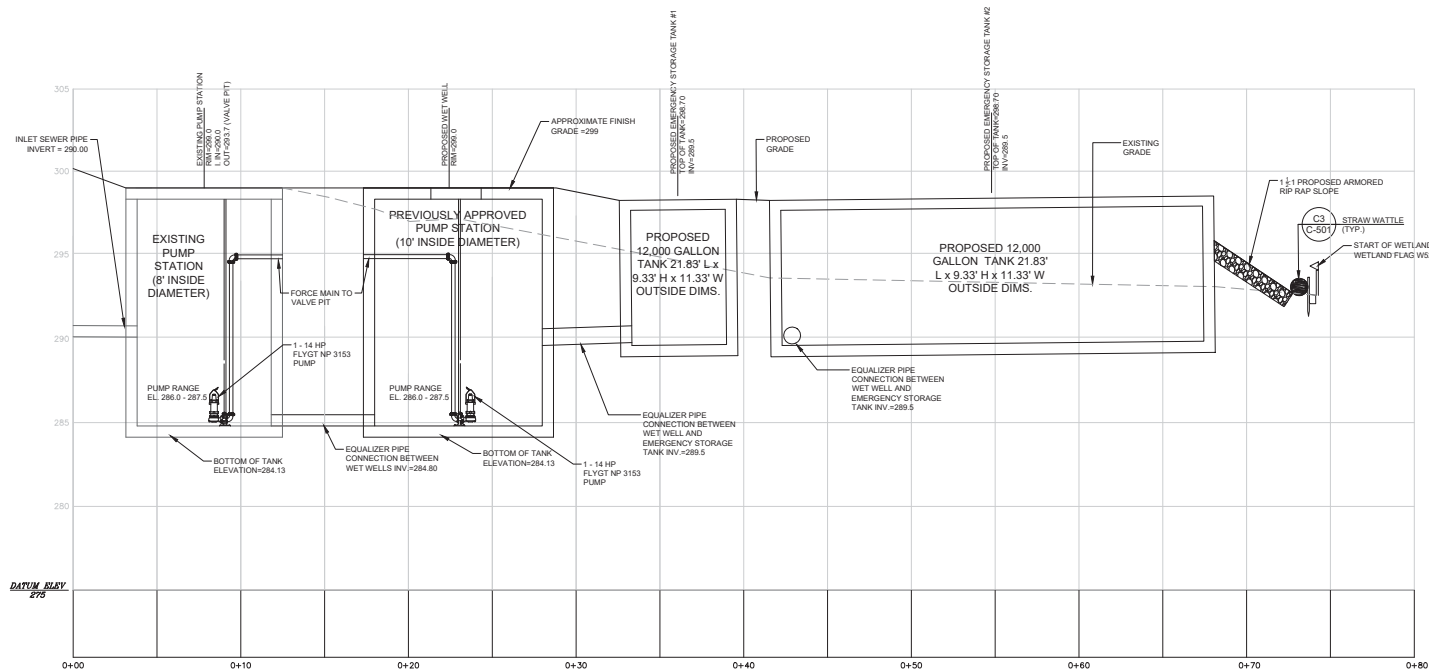
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SCALE	1"=7'
DRAWN BY	OC
CHECK BY	WMP
PROJ. LEAD	WMP
PROJ. MGR.	SV
JOB NO.	10192

PUMP STATION -
SECTION A-A

C-143C



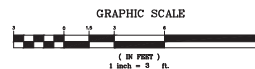
SECTION A-A
SCALE: 1" = 3'

- NOTES:
- EXISTING PUMP STATION TO REMAIN. TWO EXISTING SHP PUMPS TO BE REMOVED AND REPLACED WITH ONE 14.0 HP PUMP. RAILS, FLOATS, CONTROLS, ETC. TO REMAIN.
 - NEW 10 FOOT INSIDE DIAMETER WET WELL TO BE INSTALLED WITH ONE 14.0 HP PUMP. PUMP TO BE CONNECTED TO EXISTING CONTROL PANEL. NEW RAIL SYSTEM TO BE INSTALLED. PUMP DISCHARGE TO BE CONNECTED TO EXISTING VALVE PIT. EXISTING VALVES TO REMAIN.
 - PUMPS ARE TO FUNCTION AS A DUPLEX SYSTEM ALTERNATING LEAD/LAG.
 - ADDITIONAL LOW AND HIGH WATER ALARM FLOATS TO BE INSTALLED IN NEW WET WELL.
 - NEW TWO 12,000 GALLON EMERGENCY STORAGE TANKS.

Wetwell & Pump Elevations:

299.00	Top of Slab
290.00	Invert In
285.00	Lag Pump On & High Water Alarm
287.50	Lead Pump On
286.00	Pumps Off and Alternate
285.80	Low Water Alarm
284.80	Bottom Inside of Chamber

EMERGENCY STORAGE VOLUME PROVIDED:
EXISTING PUMP STATION VOLUME ABOVE ELEVATION 289.5 = 3,322 GAL
PROPOSED WET WELL VOLUME ABOVE ELEVATION 289.5 = 5,185 GAL
EMERGENCY STORAGE TANK VOLUME = 24,534 GAL
TOTAL EMERGENCY STORAGE REQUIRED
6 HOURS OF REQUIRED STORAGE = 20,620 GAL
MAXIMUM DAILY FLOW = 118,483 GAL/DAY
STORAGE TIME PROVIDED = 33,841 GAL / 118,483 GAL/DAY = 0.279 DAYS OR 6.69 HOURS
MAXIMUM ELEVATION AT 6 HOURS OF STORAGE = 287.0
0.30 FEET OF FREEBOARD AVAILABLE (IN EMERGENCY TANKS)



Plant Schedule					
TREES	QTY	BOTANICAL NAME	COMMON NAME	CONT.	SIZE
AC	3	<i>Azalea concinna</i>	White Fire	0.6" x 7"	7 - 8" HT
AM	3	<i>Amelanchier canadensis</i>	Sweetleaf Serviceberry	0.6" x 8"	7 - 8" HT
AS	20	<i>Asplenium "October Glory"</i>	Asplenium	2.3" x 3"	2.3" x 3" PL
AS	10	<i>Asplenium "October Glory"</i>	Legacy Spath. Maple	0.6" x 8"	10" HT
ASL	2	<i>Acer saccharinum</i>	Sliver Maple	0.6" x 2.3"	2.3" x 3" PL
BN	5	<i>Betula glabra</i>	Kahuna Tree - Multi-dwarf	0.6" x 8"	8 - 10" HT
CJ	3	<i>Caryopteris japonica</i>	Yellow Bush	0.6" x 8"	8 - 10" HT
CJ	3	<i>Caryopteris japonica</i>	Katsura Tree	0.6" x 8"	8 - 10" HT
CC	9	<i>Cercis canadensis</i>	Eastern Redbud	0.6" x 2.3"	2.3" x 3" PL
CF	10	<i>Cornus Florida</i>	Flowering Dogwood	0.6" x 8"	8 - 10" HT
CD	2	<i>Cornus canadensis</i> - Multi Stem	Flowering Dogwood	0.6" x 8"	8 - 10" HT
GT	2	<i>Gleditsia triacanthos "Vermorel"</i>	Honeylocust	0.6" x 2.3"	2.3" x 3" PL
HV	2	<i>Hamelia virginiana</i>	With Hazel	0.6" x 8"	7 - 8" HT
LS	7	<i>Lonicera caerulea</i>	Tulip Tree	0.6" x 2.3"	2.3" x 3" PL
LS	8	<i>Lonicera caerulea</i>	Columbine Sweetgum	0.6" x 2.3"	2.3" x 3" PL
MS	5	<i>Morus x Snowburst</i>	Snowburst Crab Apple	0.6" x 2.3"	2.3" x 3" PL
MS	3	<i>Moronegocarpus</i>	Sourwood Hydrangea	0.6" x 2.3"	2.3" x 3" PL
MB	3	<i>Magnolia virginiana</i>	Sweetbay Magnolia	0.6" x 7"	7 - 8" HT
MB	2	<i>Nissia syriaca</i>	Black Gum	0.6" x 2.3"	2.3" x 3" PL
PH	14	<i>Philadelphus</i>	White Pine	0.6" x 2.3"	2.3" x 3" PL
Q	2	<i>Quercus robur</i>	Red Oak	0.6" x 2.3"	2.3" x 3" PL

Planting Legend

	SHADE TREE
	MULTI-STEM TREE
	ORNAMENTAL TREE
	EVERGREEN TREE
	SHRUBS, PERENNIALS, AND GROUNDCOVER
	LAWN (MOWN)
	NEW ENGLAND ROADSIDES
	NATIVE UPLAND SEED MIX (UNKNOWN)
	NEW ENGLAND ROADSIDE
	NATIVE WET MEADOW SEED MIX (UNKNOWN)
	NEW ENGLAND EROSION CONTROL/VEGETATION FOR DRY SITES (UNKNOWN)
	NEW ENGLAND EROSION CONTROL/VEGETATION FOR WET SITES (UNKNOWN)
	MOW LINE

General Planting Notes

- [illegible]

06/23/2021	COMPREHENSIVE PERMIT PLANS OF RECORD
MARK DATE:	DESCRIPTION:
ISSUE LOG	
<div> <div></div> <div>= CLAUDED CHANGE</div> </div>	

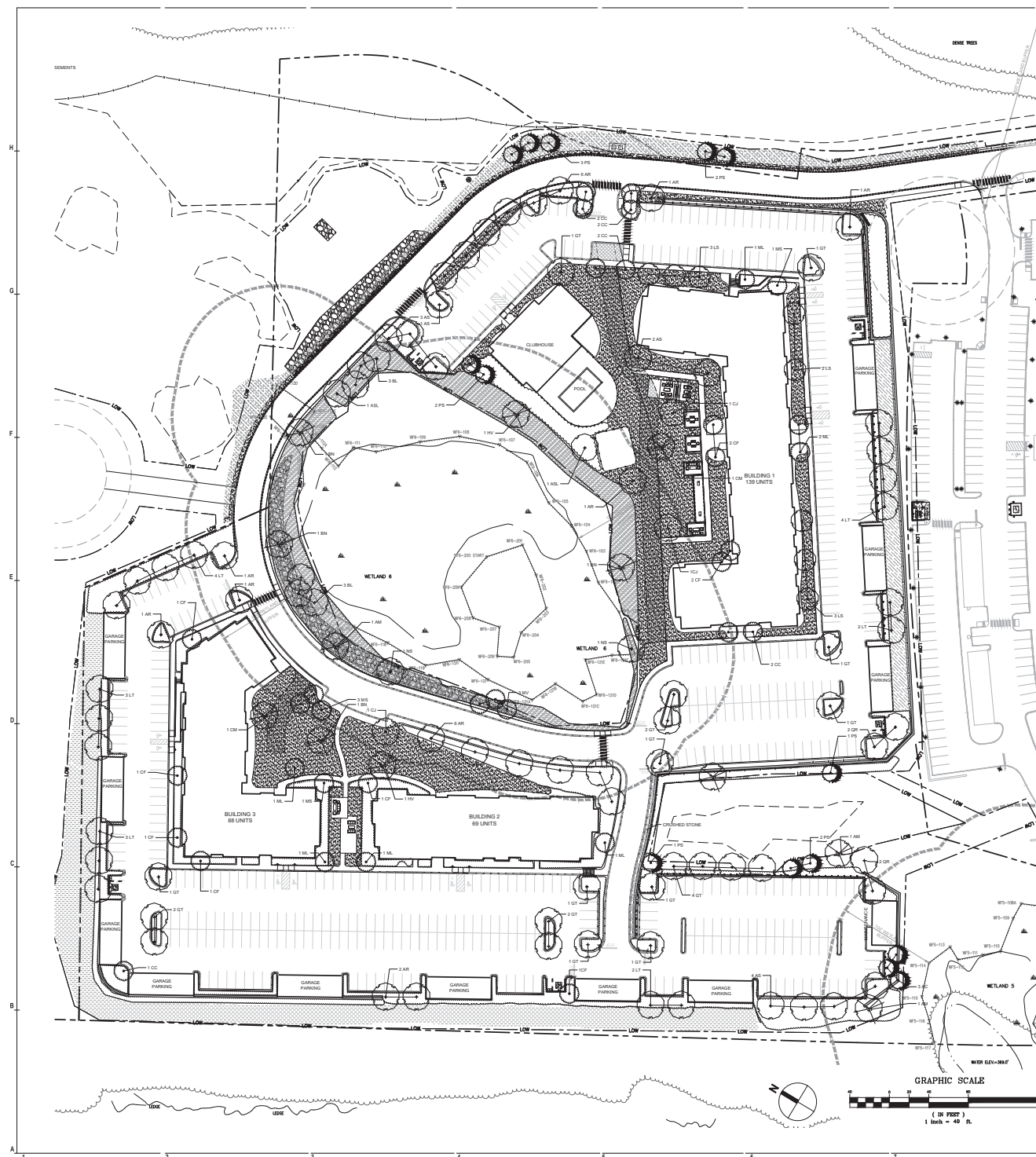


SCALE	1"=6'
DRAWN BY	MT
CHECK BY	AW
PROJECT/ENGINEER	JA
PROJ. MGR.	SW
JOB NO.	1510

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PLANTING PLAN

C-151



THE
GUTIERREZ
COMPANY

RESIDENCES AT
STONE RIDGE
PHASE II

300 - 400 DEER STREET
MILFORD, MA

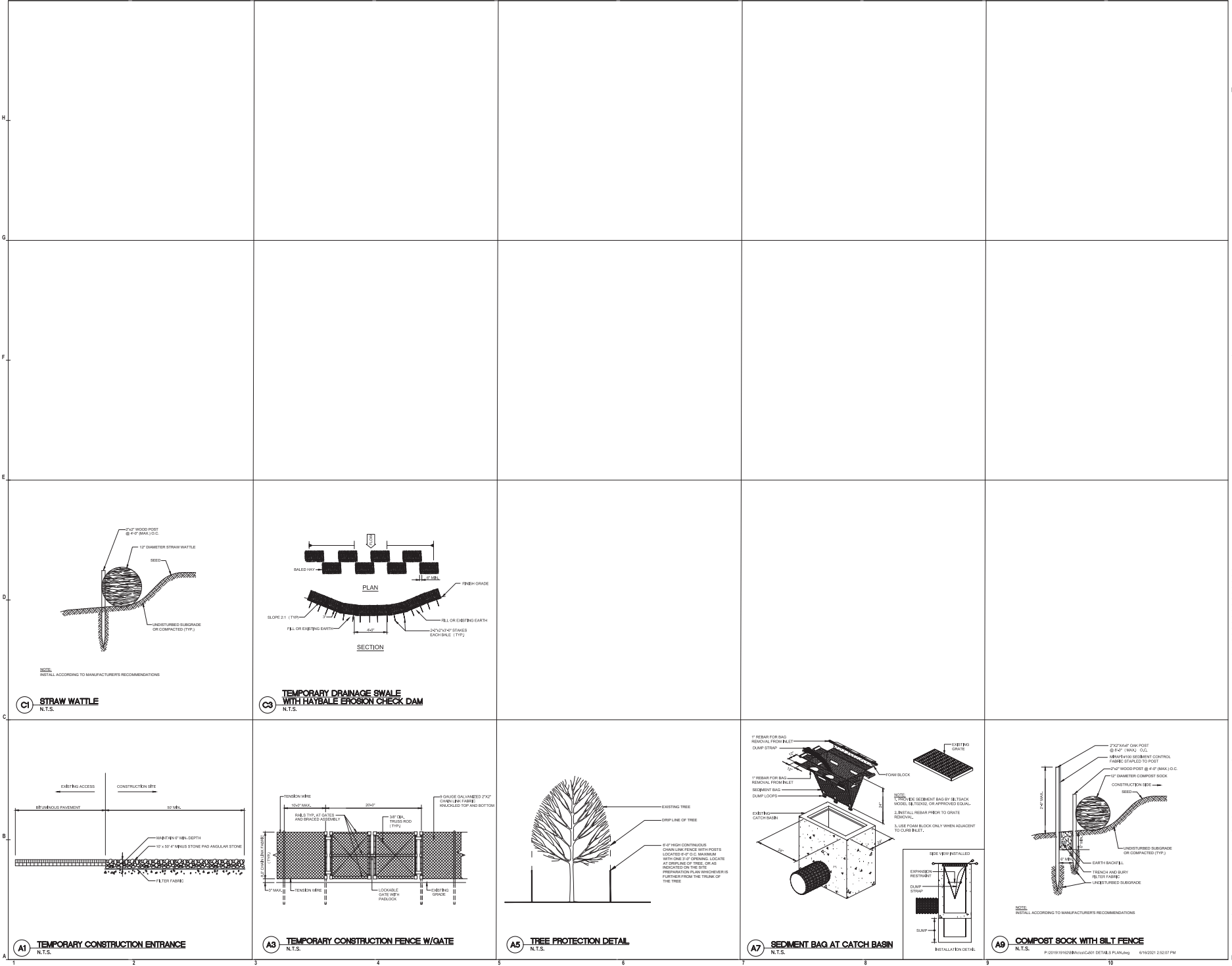
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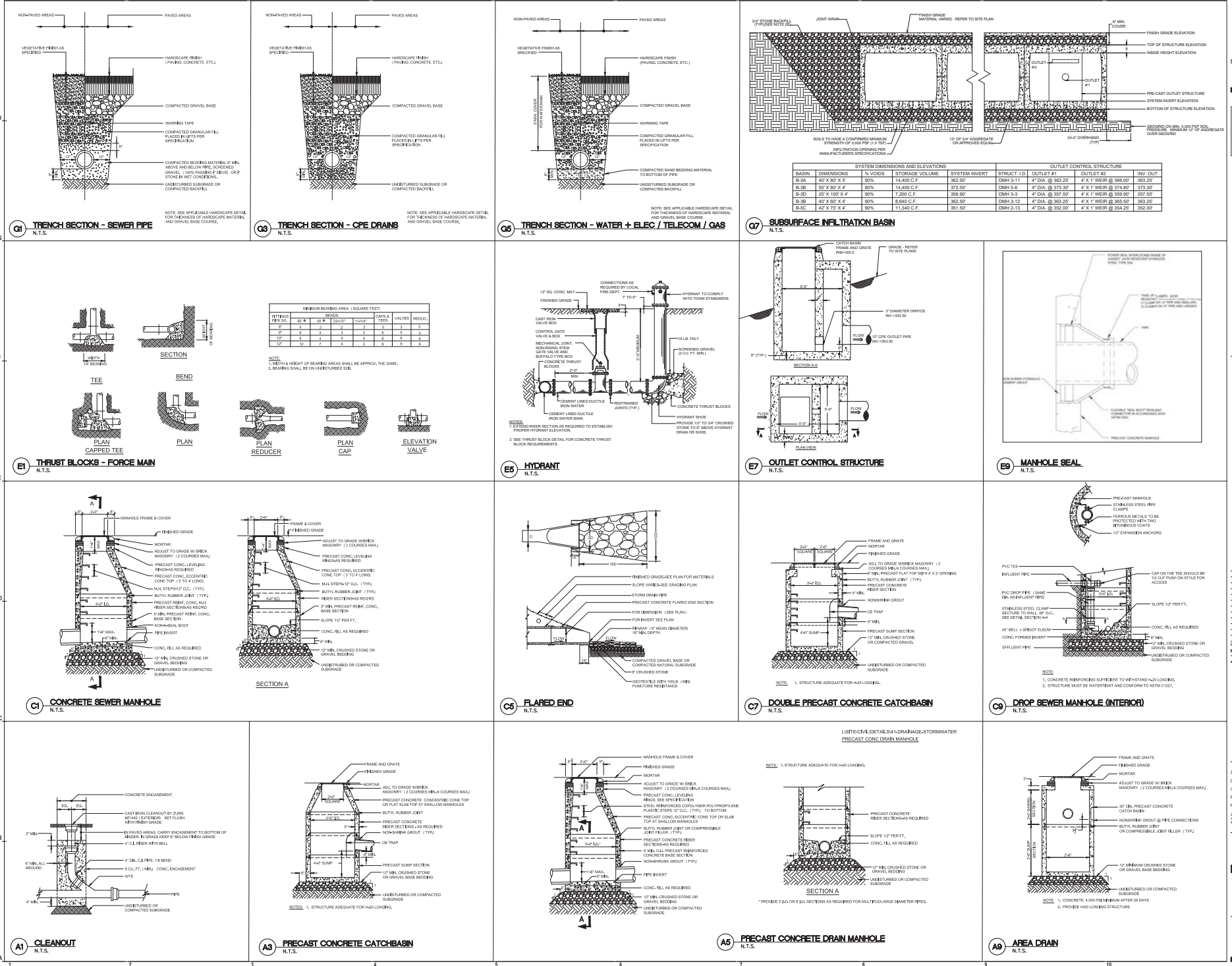


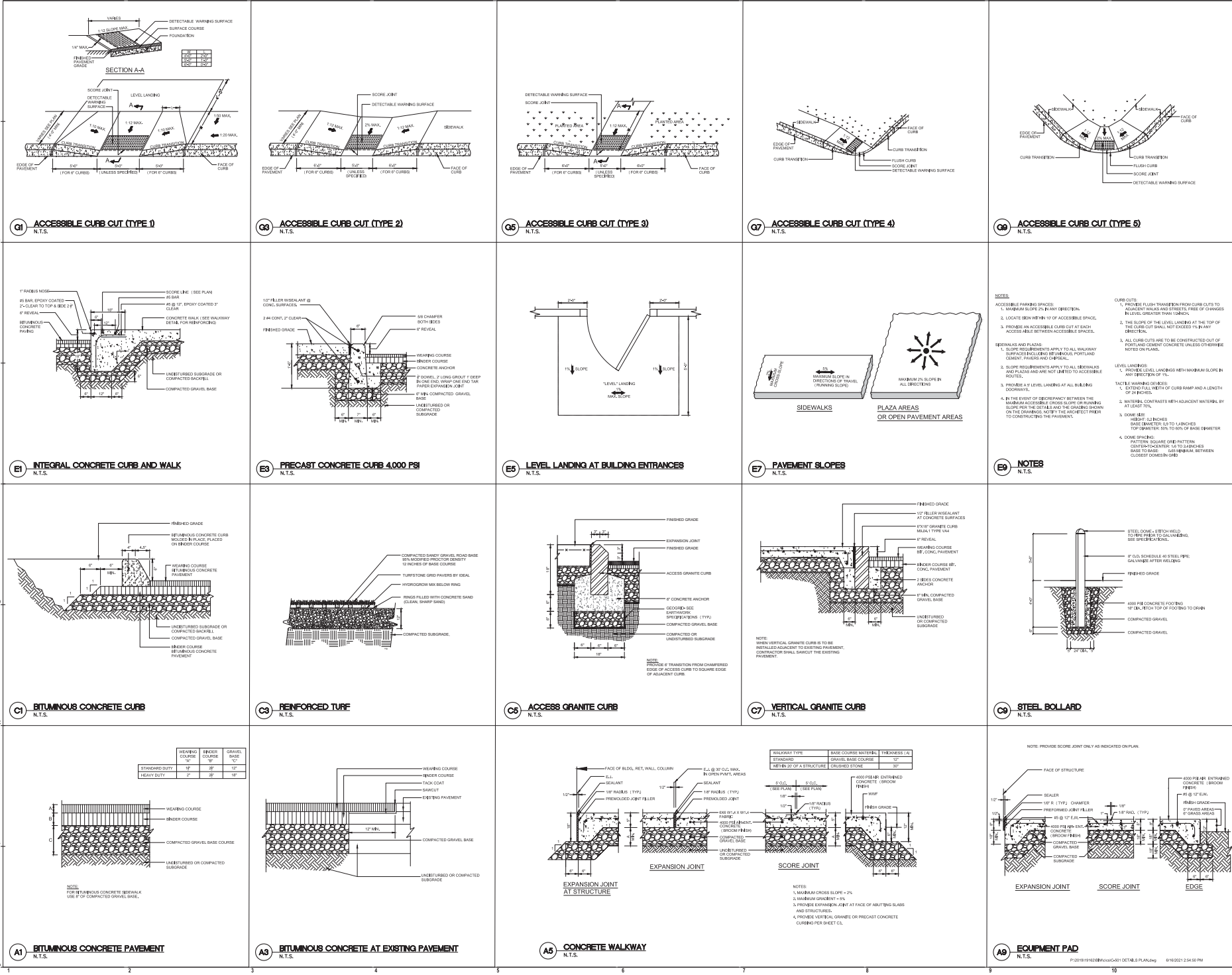
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CHECK BY	JMH
PROJECT/ENGR.	JMH
PROJ. NO.	SDV
JOB NO.	10192

DETAILS I

C-501







THE
GUTIERREZ
COMPANY

RESIDENCES AT STONE RIDGE

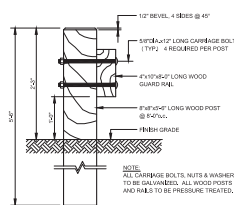
300 - 400 DEER STREET
MILFORD, MA

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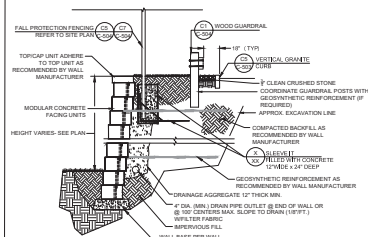
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CHECK BY	JAN
PROJECT/ENGINEER	JAN
PROJECT/MGR.	SAV
JOB NO.	1510

DETAILS IV

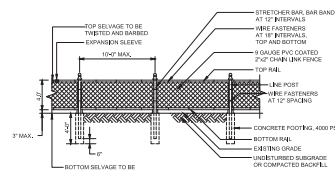
C-504



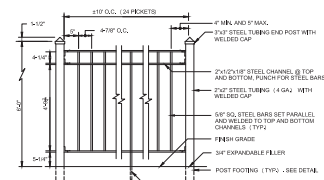
C1 **WOOD GUARDRAIL**
N.T.S.



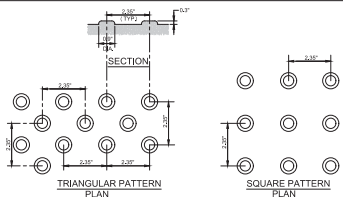
MODULAR BLOCK RETAINING WALL
N.T.S.



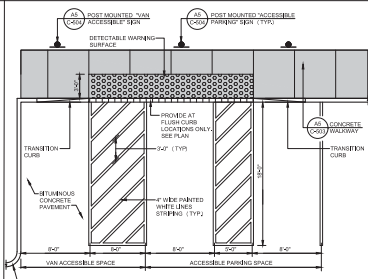
C5 4' HIGH CHAIN LINK FENCE
N.T.S.



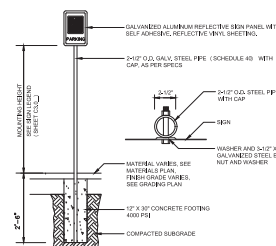
C7 STEEL PICKET FENCE
N.T.S.



A1 **DETECTABLE WARNING SURFACE**
N.T.S.



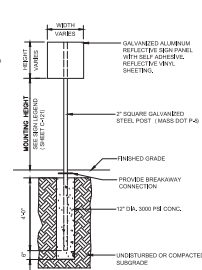
A3 ACCESSIBLE PARKING SPACES
N.T.S.



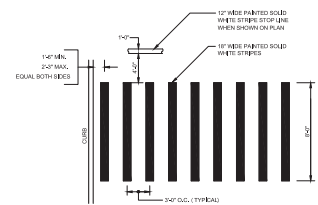
A5 **PARKING SIGN**
N.T.S.

NOTES FOR TEMPORARY SIGNS:

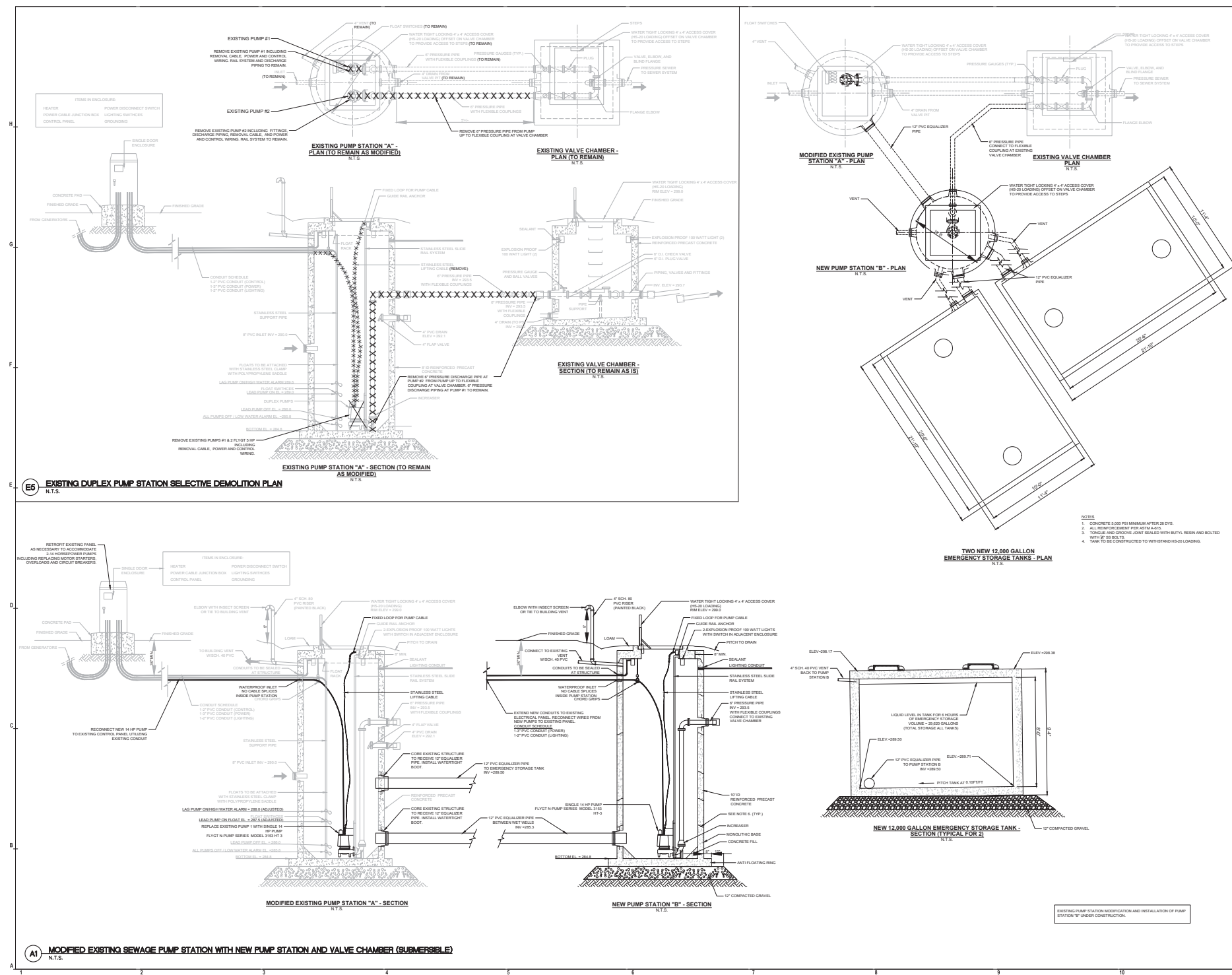
1. 2" SQUARE GALVANIZED STEEL POST SHALL BE REPLACED WITH GALVANIZED STEEL CHANNEL.
2. POST SHALL BE SET 4'-0" INTO EXISTING GROUND WITHOUT CONCRETE BASE.



A7 **TRAFFIC SIGN**
N.T.S.



A9 **CROSSWALK**
N.T.S.



REVISION	DATE	DESCRIPTION
1	08/10/2011	ISSUED FOR PERMIT
2	08/10/2011	ISSUED FOR CONSTRUCTION
3	08/10/2011	ISSUED FOR CONSTRUCTION
4	08/10/2011	ISSUED FOR CONSTRUCTION
5	08/10/2011	ISSUED FOR CONSTRUCTION
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14	08/10/2011	ISSUED FOR CONSTRUCTION
15	08/10/2011	ISSUED FOR CONSTRUCTION
16	08/10/2011	ISSUED FOR CONSTRUCTION
17	08/10/2011	ISSUED FOR CONSTRUCTION
18	08/10/2011	ISSUED FOR CONSTRUCTION
19	08/10/2011	ISSUED FOR CONSTRUCTION
20	08/10/2011	ISSUED FOR CONSTRUCTION



SCALE	VARIES
DRAWN BY	OC
CHECK BY	WMP
PROJ. MGR.	WMP
DATE	08/10/2011

SEWER PROFILE
PLAN I

C-601

H_

G_

F_

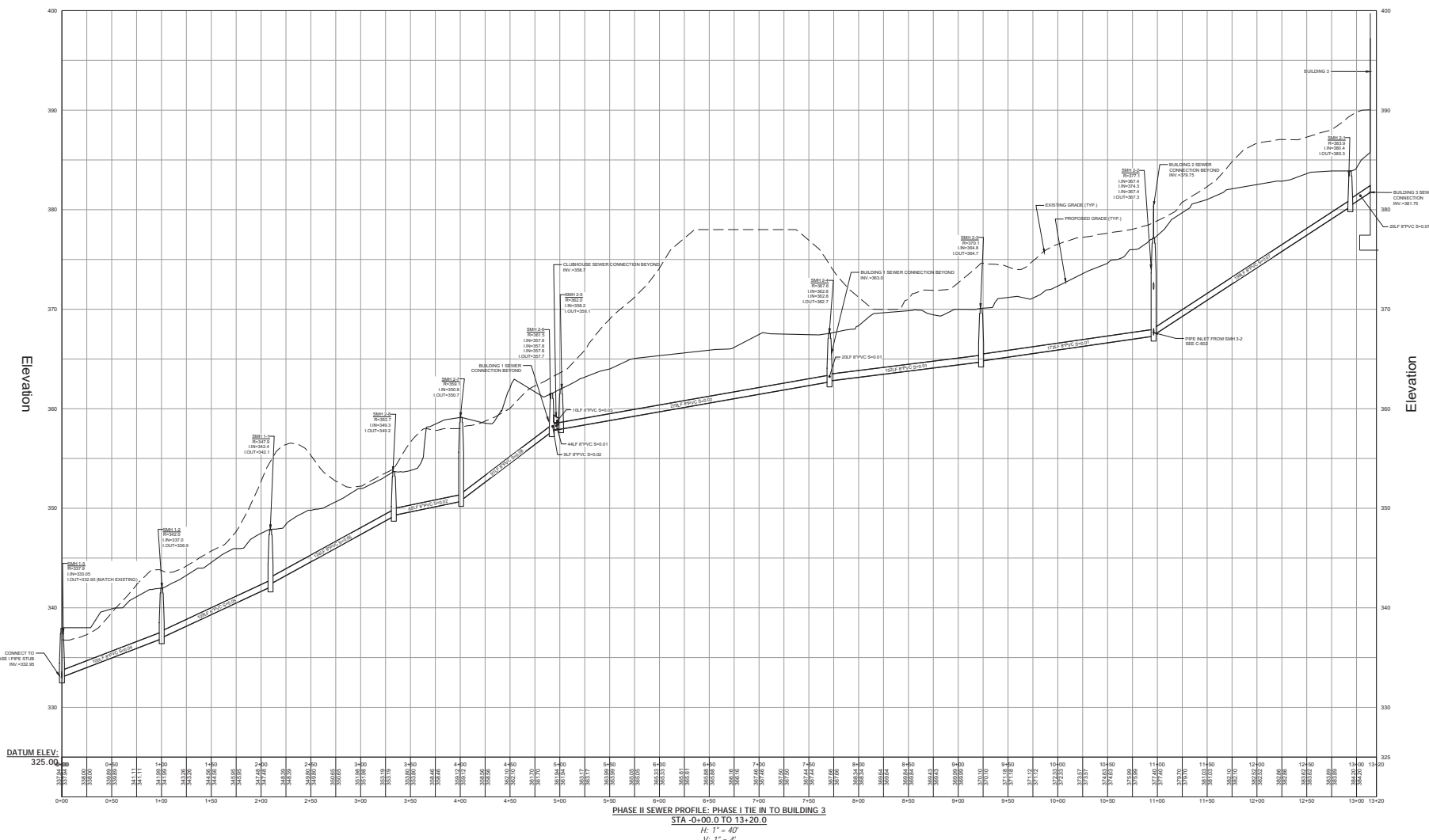
E_

D_

C_

B_

A_





THE
GUTIERREZ
COMPANY

RESIDENCES AT
STONE RIDGE
PHASE II

300 - 400 DEER STREET
MILFORD, MA

DATE	DESCRIPTION
10/20/2018	PROPOSED SEWER LAYOUT
10/20/2018	PROPOSED SEWER LAYOUT
10/20/2018	PROPOSED SEWER LAYOUT
10/20/2018	PROPOSED SEWER LAYOUT
10/20/2018	PROPOSED SEWER LAYOUT
10/20/2018	PROPOSED SEWER LAYOUT
10/20/2018	PROPOSED SEWER LAYOUT
10/20/2018	PROPOSED SEWER LAYOUT
10/20/2018	PROPOSED SEWER LAYOUT
10/20/2018	PROPOSED SEWER LAYOUT

DATE: 10/20/2018
DESCRIPTION: PROPOSED SEWER LAYOUT
BY: JLM
CHECKED: JLM



SCALE	VARIABLES
DRAWN BY	DOC
CHECK BY	WMP
PROJ. NO.	10992
DATE	10/20/2018
BY	JLM
CHECKED	JLM
DATE	10/20/2018

SEWER PROFILE
PLAN II

C-602

