

[illegible]

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SHEET NO. _____ OF _____	DATE: _____ BY: _____
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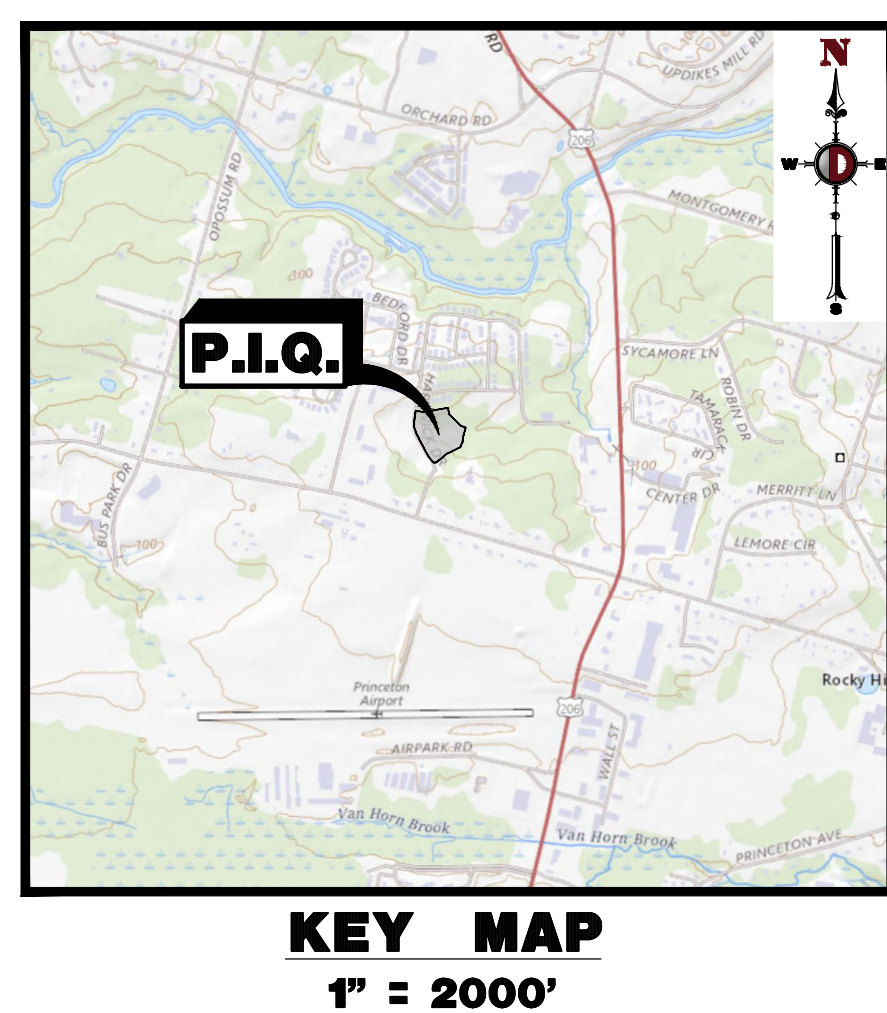
JEFFREY D. SPALT

PROFESSIONAL ENGINEER
NEW JERSEY LICENSE No. 40766

JEFFREY HABERMAN

PROFESSIONAL ENGINEER
NEW JERSEY LICENSE No. 53560

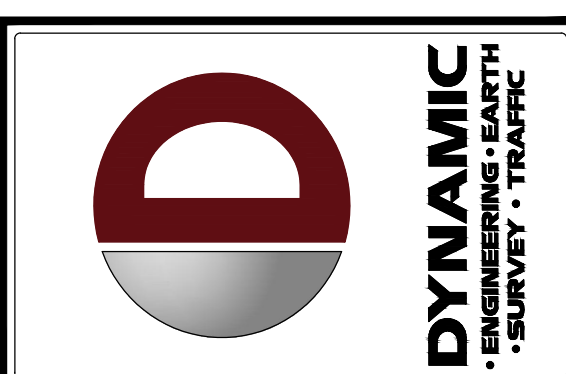
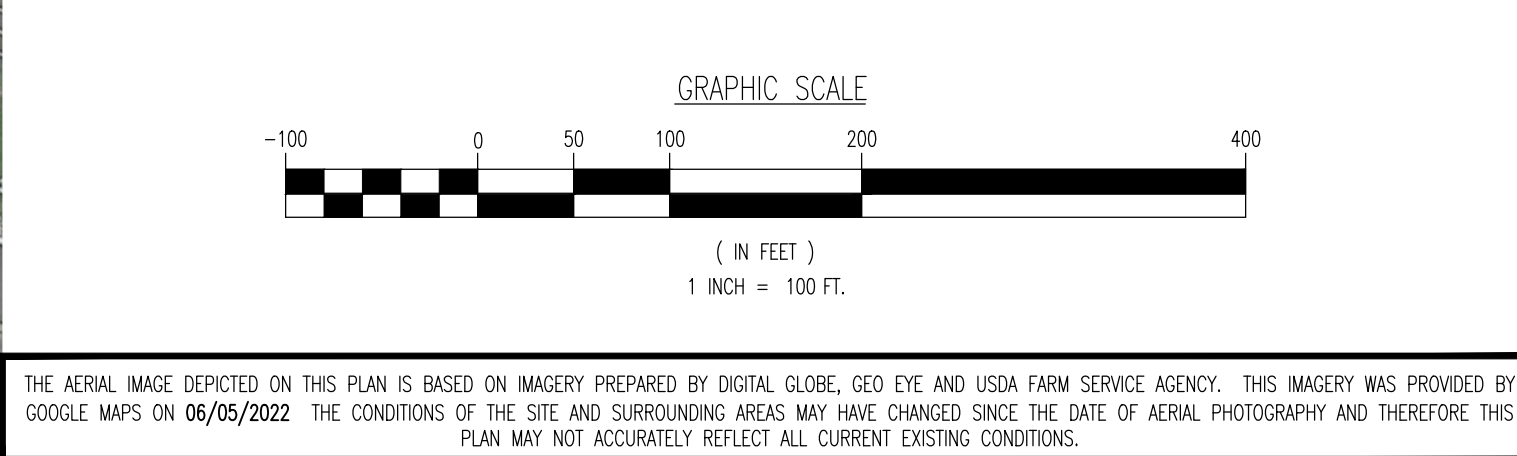
TITLE:	
COVER SHEET	
DATE: WAS TH SHOWN	DATE: 12/07/2022
PROJECT No: 4496-22-01857	
SHEET No: 1	Rev. #: O

This area map shows Block 28003 Lot 211, a shaded polygonal lot. The lot is bounded by Arcadia Lane to the north, Hartwick Drive to the east, and Village Drive to the south. To the west of the lot is a large area labeled 'P.L.Q.' (Public Land of the County). The map also shows surrounding streets: Wilford Place, Ireland Drive, and Georgetown Franklin Turnpike. The map is divided into three zones: ARH Zone to the north, REO-3 Zone to the west and south, and R-1 Zone to the south. A north arrow is located in the top right corner. The map includes various lot numbers and dimensions, such as 200.0' for the north boundary of the lot, 513.2' for the east boundary, and 560.08' for the south boundary. The map also shows the boundaries of the P.L.Q. area, which is bounded by a dashed line. The map is titled 'AREA MAP' at the bottom, with a scale of 1" = 200'.



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PLANNING BOARD APPROVAL	
APPROVED BY THE PLANNING BOARD OF TOWNSHIP OF MONTGOMERY, SOMERSET COUNTY, NEW JERSEY	
CHAIRMAN	DATE
SECRETARY	DATE
BOARD ENGINEER	DATE

[illegible]

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DRAWN BY: _____ _____ MFD _____ _____ JH _____	DESIGNED BY: _____ _____ JDS _____	CHECKED BY: _____ _____
--	---------------------------------------	----------------------------

PROJECT: **BPS DEVELOPMENT COMPANY, LLC**
PROPOSED ASSISTED LIVING & MEMORY CARE FACILITY
BLOCK 28003, LOT 211
HARTWICK DRIVE & VILLAGE DRIVE
MONTGOMERY TOWNSHIP, SOMERSET COUNTY, NEW JERSEY

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JEFFREY D. SPALT

PROFESSIONAL ENGINEER
NEW JERSEY LICENSE No. 40766

JEFFREY HABERMAN

PROFESSIONAL ENGINEER
NEW JERSEY LICENSE No. 53560

TITLE:

AERIAL MAP

SCALE: (H) 1" = 100'	DATE:
(V)	12/07/2022

PROJECT No:	4496-22-01857
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SHEET No: _____ Rev. #: _____

9

OF 18 | 0



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- GRAPHIC SCALE
-
- (IN FEET)
1 INCH = 30 FT.

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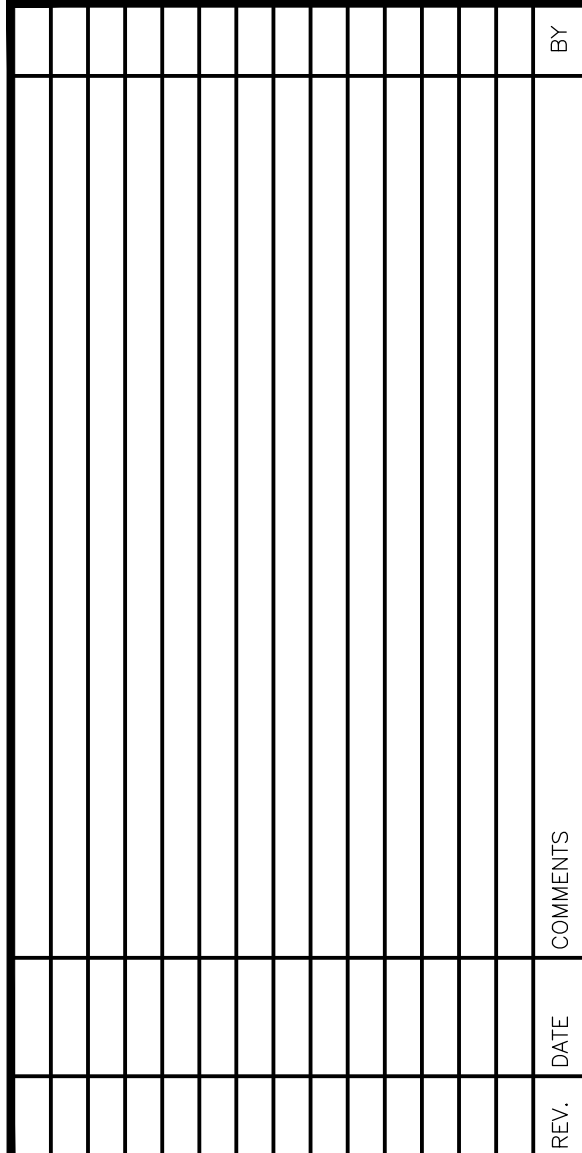
33. ALL TRAFFIC SIGNS AND STRIPSING SHALL FOLLOW THE REQUIREMENTS SPECIFIED IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS PUBLISHED BY THE FEDERAL HIGHWAY ADMINISTRATION.

34. THE BUILDING SETBACK DIMENSIONS ILLUSTRATED AND LISTED ON THE SITE PLAN DRAWINGS ARE MEASURED FROM THE OUTSIDE SURFACE OF BUILDING WALLS. THESE SETBACK DIMENSIONS DO NOT ACCOUNT FOR ROOF OVERHANGS, CORONAMENTAL ELEGIES, SEAGUO OR OTHER EXTERIOR EXTENSIONS UNLESS SPECIFICALLY NOTED.

35. A CONTRACTOR OBTAINING HIS READ AND UNDERSTOOD THE DESIGN PHASES, SUCH AS PROBABILITY AND GROUNDWATER TEST RESULTS IN THE STORMWATER MANAGEMENT REPORT AND THAT THE CONTRACTORS RESPONSIBILITY INCLUDE NECESSARY PROVIDING TO ACHIEVE THE DESIGN PERFORMANCE.

36. CONTRACTOR IS TO BE ADVISED THAT THE ENGINEER WAS NOT PROVIDED WITH FINAL FLOOR PLAN DRAWINGS FOR THE BUILDING AT THE TIME OF SITE PLAN DESIGN. AS A RESULT, ENTRANCE DOOR LOCATIONS AS DEPICTED ON THE SITE PLAN WILL BE SUBJECT TO CHANGE BASED ON THE FINAL FLOOR PLAN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND ACCESSIBILITY OF ENTRANCE DOORS TO THE BUILDING IN COMPLIANCE WITH LDC 322.7-7 AND THE MINIMUM PARKING SPACES MAY BE ADJUSTED TO THE NEAREST SIXTEEN (16) TO REFLECT OWNER AND ENGINEER AGREEMENT TO AN AGREEMENT PRIOR TO CONSTRUCTION.

[illegible]



TITLE:	
GRADING PLAN	
SCALE: $\frac{1}{4}" = 30'$ (V)	DATE: 12/07/2022
PROJECT No: 4496-22-01857	
SHEET No: 5	Rev. #:

[illegible]

STORMWATER MANAGEMENT FACILITIES SHALL BE REGULARLY MAINTAINED TO INSURE THEY FUNCTION AT DESIGN CAPACITY AND TO PREVENT HEALTH HAZARDS TO THE PUBLIC.

2. RESPONSIBILITY FOR OPERATION AND MAINTENANCE OF STORMWATER FACILITIES, INCLUDING PERIODIC REMOVAL AND DISPOSAL OF ACCUMULATED PARTICULATE MATTER AND SEDS, SHALL REMAIN WITH THE OWNER OR OWNERS OF THE PROPERTY, WITH PERMANENT AGREEMENTS THAT SHALL PASS TO ANY SUCCESSIVE OWNER OF THE PROPERTY. THE OWNER SHALL MAINTAIN RECORDS OF ALL SUCH MAINTENANCE ACTIVITIES. THE OWNER SHALL MAINTAIN RECORDS OF ALL SUCH MAINTENANCE COMPONENTS AT LEAST TEN YEARS, INCLUDING ALL OF THE FOLLOWING: STORM SEWER INLETS OCCURRING EVERY SIX MONTHS (FREQUENCY OF MAINTENANCE MAY BE ADJUSTED BASED ON INSPECTION RESULTS); ALL MAINTENANCE OF THE STORMWATER FACILITIES; AND ALL MAINTENANCE OF THE STORMWATER FACILITIES. THE OWNER SHALL MAINTAIN RECORDS OF ALL SUCH MAINTENANCE COMPONENTS AT LEAST TEN YEARS, INCLUDING ALL OF THE FOLLOWING: STORM SEWER INLETS OCCURRING EVERY SIX MONTHS (FREQUENCY OF MAINTENANCE MAY BE ADJUSTED BASED ON INSPECTION RESULTS); ALL MAINTENANCE OF THE STORMWATER FACILITIES; AND ALL MAINTENANCE OF THE STORMWATER FACILITIES. THE OWNER SHALL MAINTAIN RECORDS OF ALL SUCH MAINTENANCE COMPONENTS AT LEAST TEN YEARS, INCLUDING ALL OF THE FOLLOWING: STORM SEWER INLETS OCCURRING EVERY SIX MONTHS (FREQUENCY OF MAINTENANCE MAY BE ADJUSTED BASED ON INSPECTION RESULTS); ALL MAINTENANCE OF THE STORMWATER FACILITIES; AND ALL MAINTENANCE OF THE STORMWATER FACILITIES.

3. IN THE EVENT THAT THE FACILITY BECOMES A DANGER TO PUBLIC SAFETY OR PUBLIC HEALTH OR IF IT IS IN NEED OF MAINTENANCE, THE OWNER SHALL, AFTER CONSULTATION WITH THE CITY ENGINEER, TAKE THE FOLLOWING ACTIONS: (A) THE OWNER SHALL MAINTAIN RECORDS OF ALL SUCH MAINTENANCE COMPONENTS AT LEAST TEN YEARS, INCLUDING ALL OF THE FOLLOWING: STORM SEWER INLETS OCCURRING EVERY SIX MONTHS (FREQUENCY OF MAINTENANCE MAY BE ADJUSTED BASED ON INSPECTION RESULTS); ALL MAINTENANCE OF THE STORMWATER FACILITIES; AND ALL MAINTENANCE OF THE STORMWATER FACILITIES. THE OWNER SHALL MAINTAIN RECORDS OF ALL SUCH MAINTENANCE COMPONENTS AT LEAST TEN YEARS, INCLUDING ALL OF THE FOLLOWING: STORM SEWER INLETS OCCURRING EVERY SIX MONTHS (FREQUENCY OF MAINTENANCE MAY BE ADJUSTED BASED ON INSPECTION RESULTS); ALL MAINTENANCE OF THE STORMWATER FACILITIES; AND ALL MAINTENANCE OF THE STORMWATER FACILITIES. THE OWNER SHALL MAINTAIN RECORDS OF ALL SUCH MAINTENANCE COMPONENTS AT LEAST TEN YEARS, INCLUDING ALL OF THE FOLLOWING: STORM SEWER INLETS OCCURRING EVERY SIX MONTHS (FREQUENCY OF MAINTENANCE MAY BE ADJUSTED BASED ON INSPECTION RESULTS); ALL MAINTENANCE OF THE STORMWATER FACILITIES; AND ALL MAINTENANCE OF THE STORMWATER FACILITIES.

4. THE OWNER SHALL PERFORM DYNAMIC, GRAVE, LIFT OR ALTERNATE QUALIFIED GEOTECHNICAL ENGINEER TO TEST SOIL PENETRATION AND PROVIDE CONSTRUCTION PLAN INSPECTIONS OF THE BASIN BOTTOM SOILS AND ANY FILL MATERIALS WITHIN ANY PROPOSED INFILTRATION OR RETENTION BASIN TO COMPARE RESULTS TO DESIGNED BASIN CAPACITY.

5. CONTRACTOR IS TO REMOVE EXISTING UNSUITABLE OR OVERLY COMPLEX AND/OR ROCK IS NOT KNOWN TO ACHIEVE REQUIRED PERMEABILITY AS DIRECTED BY THE OWNER'S GEOTECHNICAL ENGINEER, AND NEW FILL, IF NEEDED, SHALL HAVE AN IN PLACE PERMEABILITY GREATER THAN OR EQUAL TO THE DESIGN CRITERIA.

6. CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE OWNER'S GEOTECHNICAL ENGINEER PRIOR TO ONSET OF CONSTRUCTION TO DISCUSS AND CONFIRM THE CONSTRUCTION OF THE STORMWATER FACILITIES AND MATERIALS AND TO SCHEDULE INSPECTIONS BEFORE THE ONSET OF BASIN REMOVAL OF UNSUITABLE SOIL, FILL PLACEMENT, AND FINAL BASIN PERMEABILITY TESTING.

7. THE CONTRACTOR IS RESPONSIBLE FOR AS-BUILT PLANS AND GRADE CONTROL UNLESS DETERMINED OTHERWISE IN THE CONTRACT DOCUMENTS.



1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY UTILITY TONE-CALL NUMBER 72 HOURS PRIOR TO ANY EXCAVATION ON THIS SITE. CONTRACTOR SHALL ALSO NOTIFY LOCAL WATER & SEWER DEPARTMENTS TO MARK-OUT THEIR UTILITIES.

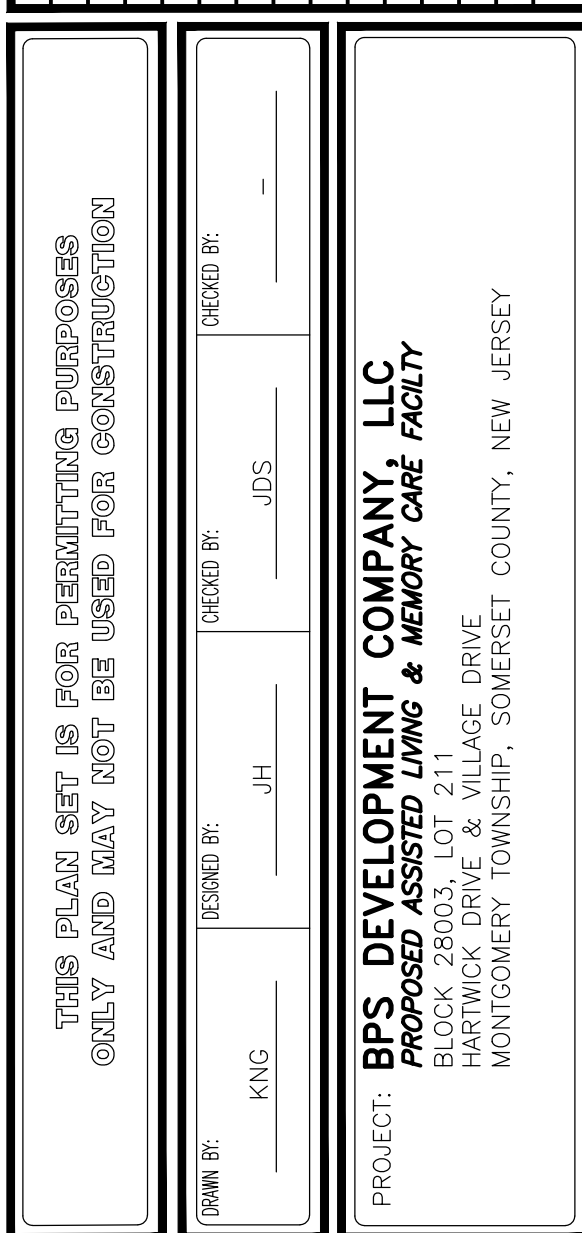
2. ROOF LEADER COLLECTION PIPING ARE CONCEPTUAL IN NATURE AND ARE NOT FOR CONTRACTUAL USE. ROOF LEADER COLLECTION PIPE IS TO BE COORDINATED BY ROOFER. CONTRACTOR SHALL PROVIDE A MINIMUM OF 6" COVER OVER ALL ROOF LEADERS. ROOF LEADER PIPE SHALL BE SCHEDULED 4" VPI UNLESS OTHERWISE MANUFACTURED REINFORCED CONCRETE STORM PYPE TO CONFORM TO ASTM C-76, CLASS II, UNLESS OTHERWISE DESIGNATED. MANUFACTURED REINFORCED CONCRETE ELLIPTICAL STORM PYPE TO CONFORM TO ASTM C-507, CLASS III-A, UNLESS OTHERWISE DESIGNATED. REINFORCED CONCRETE STORMWATER PIPE TO CONFORM TO ASTM C-980 TO BE UTILIZED TO PROTECT A SLAB-TIGHT JOINT WHERE SPECIFICALLY REQUIRED. REINFORCED CONCRETE STORM PIPE JOINTS SHALL BE WATERTIGHT AND CONFORM TO ASTM C-443.

3. HOPE DRAINAGE PIPE SHALL HAVE A SMOOTH WALL INTERIOR WITH ANNULAR EXTERIOR CORRUGATIONS AND CONFORM TO ASTM F3360. SOLID PIPE SHALL HAVE AN INSIDE DIAMETER OF ASTM F3360 AND ASTM 3322. PERFORATED PIPE SHALL HAVE CORRUPTED SLAB-TIGHT JOINTS MEETING THE REQUIREMENTS OF ASTM F3360 AND ASTM 1477. HOPE PIPE SHALL BE FROM A MANUFACTURER WHO IS AN EASTERN STATES CONSORTIUM (ESC) QUALIFIED MANUFACTURER OF HOPE PIPE. ESC QUALIFICATION REQUIREMENTS ARE ACCORDANCE WITH THE FOLLOWING:

HF DRAINAGE PIPE SHALL HAVE A SMOOTH WALL INTERIOR WITH ANNULAR EXTERIOR CORRUGATIONS AND CONFORM TO ASTM F3360 (12"-30" PPES) AND ASTM 1477 (12"-30" PPES). PERFORATED HOPE PIPE SHALL HAVE A SMOOTH WALL INTERIOR WITH ANNULAR EXTERIOR CORRUGATIONS AND CONFORM TO ASTM F3360 (12"-30" PPES) AND ASTM 1477 (12"-30" PPES). PERFORATED HOPE PIPE SHALL BE FROM A MANUFACTURER WHO IS AN EASTERN STATES CONSORTIUM (ESC) QUALIFIED MANUFACTURER OF HOPE PIPE. ESC QUALIFICATION REQUIREMENTS ARE ACCORDANCE WITH THE FOLLOWING:

PERFORATED HOPE PIPE SHALL HAVE A SMOOTH WALL INTERIOR WITH ANNULAR EXTERIOR CORRUGATIONS AND CONFORM TO ASTM F3360 (12"-30" PPES) AND ASTM 1477 (12"-30" PPES). PERFORATED HOPE PIPE SHALL BE FROM A MANUFACTURER WHO IS AN EASTERN STATES CONSORTIUM (ESC) QUALIFIED MANUFACTURER OF HOPE PIPE. ESC QUALIFICATION REQUIREMENTS ARE ACCORDANCE WITH THE FOLLOWING:

PIPE LENGTHS ON THIS PLAN HAVE BEEN MEASURED AS THE DISTANCE BETWEEN THE CENTER POINT OF THE CONNECTED STRUCTURES. ACTUAL PHYSICAL PIPE LENGTH FOR INSTALLATION IS EXPECTED TO BE LESS AND SHOULD BE ACCOUNTED FOR BY THE CONTRACTOR. ACCORDINGLY,



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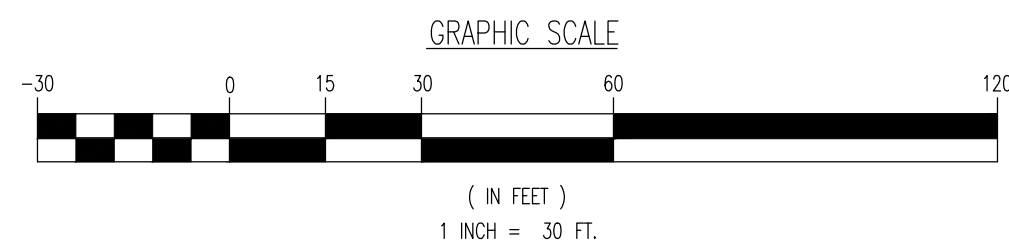
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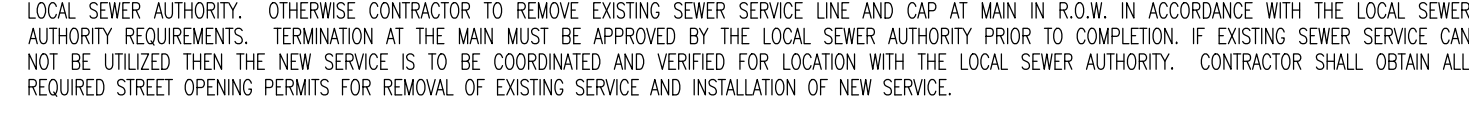
JEFFREY D. SPALT

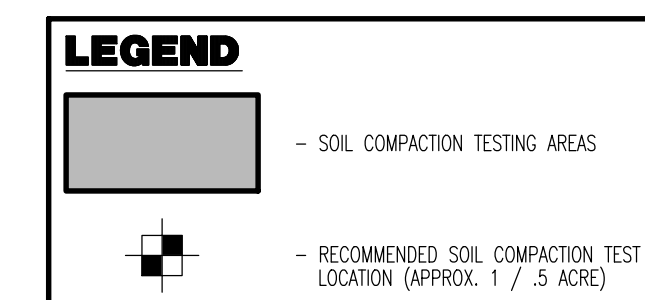
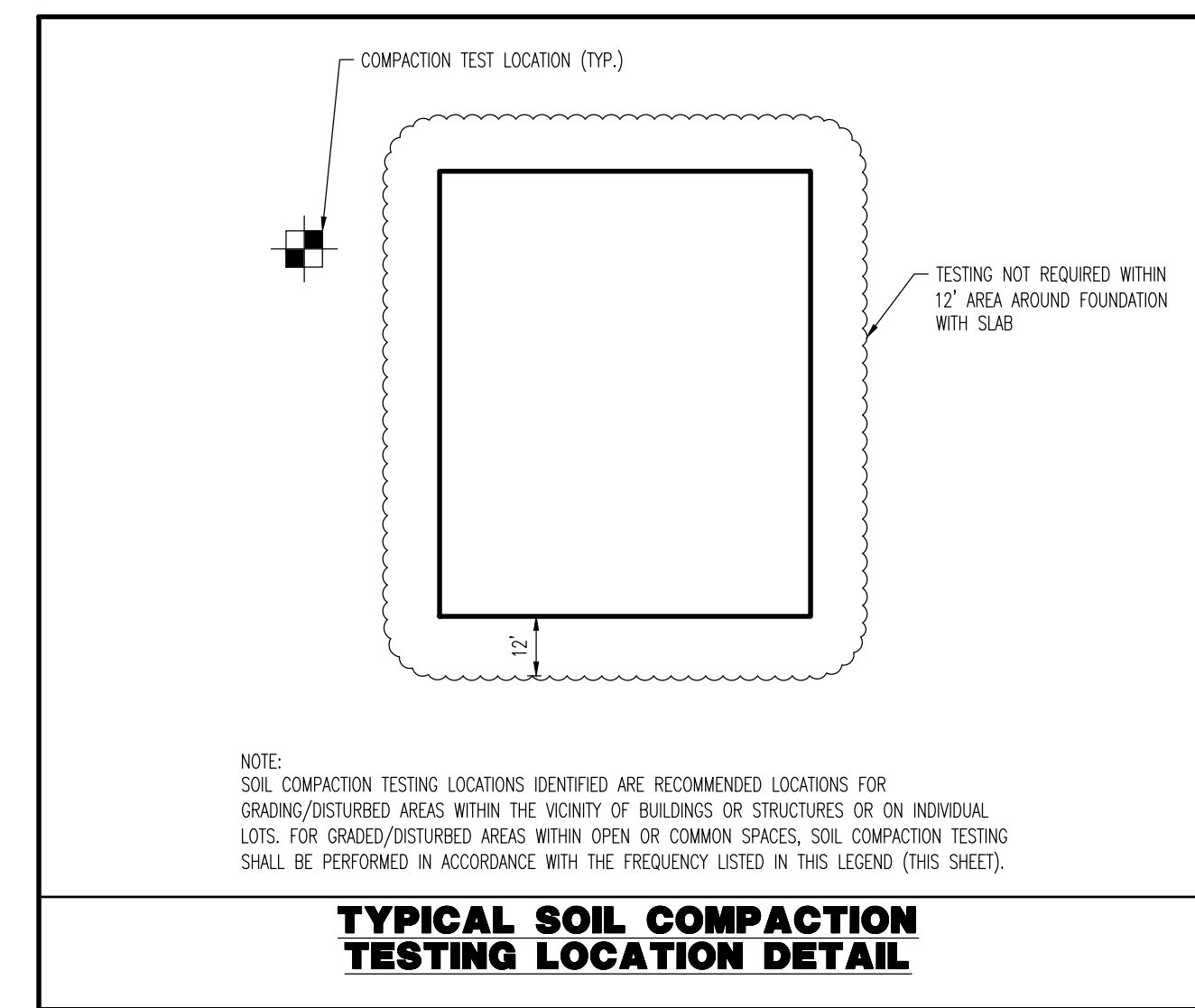
PROFESSIONAL ENGINEER
NEW JERSEY LICENSE No. 40766

TITLE: <div style="text-align: center; font-size: 2em; font-weight: bold; margin-top: 20px;">DRAINAGE PLAN</div>	
SCALE: (1" = 30') 0'	DATE: <div style="text-align: center; font-size: 1.2em;">12/07/2022</div>
PROJECT No: <div style="text-align: center; font-size: 1.2em;">4496-22-01857</div>	

SHEET No: <div style="text-align: center; font-size: 4em; font-weight: bold; margin-top: 20px;">6</div> <div style="text-align: right; margin-top: 20px;">OF 18</div>	Rev. #: <div style="text-align: center; font-size: 1.5em; margin-top: 20px;">0</div>
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SOIL COMPACTION MITIGATION NOTES

1. PROCEDURES SHALL BE USED TO MITIGATE EXCESSIVE SOIL COMPACTION PRIOR TO PLACEMENT OF TOPSOIL AND ESTABLISHMENT OF PERMANENT VEGETATIVE COVER.
2. RESTORATION OF COMPACTED SOILS SHALL BE THROUGH DEEP SCARIFICATION/TILLAGE (6" MINIMUM DEPTH) WHERE THERE IS NO DANGER TO UNDERGROUND UTILITIES (CABLES, IRRIGATION SYSTEMS, ETC.). IN THE ALTERNATIVE, ANOTHER METHOD AS SPECIFIED BY A NEW JERSEY LICENSED PROFESSIONAL ENGINEER MAY BE SUBSTITUTED SUBJECT TO PRE-APPROVAL.
3. SOIL COMPACTION TESTS TO BE REQUIRED IF WHEN SUBSOIL COMPACTION REMEDIATION (SCARIFICATION/TILLAGE 6" MINIMUM DEPTH) IS PROPOSED AS PART OF THE SEQUENCE OF CONSTRUCTION.

Soil De-compaction and Testing Requirements

Soil Compaction Testing Requirements

1. Subgrade soils prior to the application of topsoil (see permanent seeding and stabilization notes for topsoil requirements) shall be free of excessive compaction to a depth of 6.0 inches to enhance the establishment of permanent vegetative cover.
2. Areas of the site which are subject to compaction testing and/or mitigation are graphically denoted on the certified soil erosion control plan.
3. Compaction testing locations are denominated on the plan. A copy of the plan or portion of the plan shall be made to mark locations of tests, and attached to the compaction remediation form, available from the local soil conservation district. This form must be filled out and submitted prior to receiving a certificate of compliance from the district.

Compaction Testing Methods

- A. Probing Wire Test (see detail)
- B. Hand-held Penetrometer Test (see detail)
- C. Tube Bulk Density Test (licensed professional engineer required)
- D. Nuclear Density Test (licensed professional engineer required)

Note: Additional testing methods which conform to ASTM standards and specifications, and which produce a dry weight, soil bulk density measurement may be allowed subject to District approval.

Soil compaction testing is not required if/when subsoil compaction remediation (scarification/tillage (6" minimum depth) or similar) is proposed as part of the sequence of construction.

Procedures for Soil Compaction Mitigation

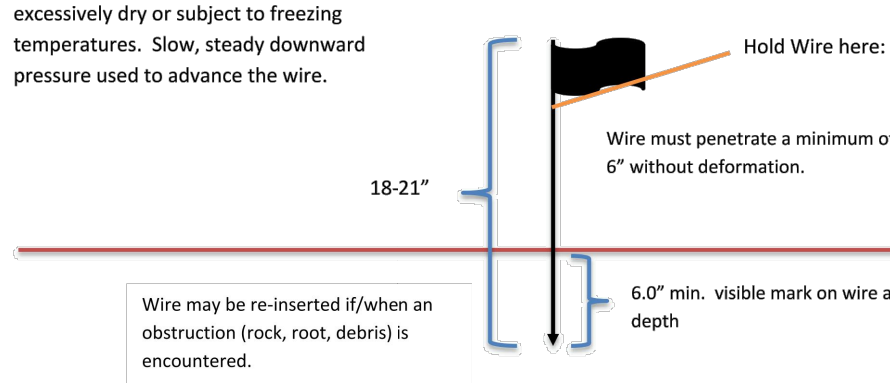
Procedures shall be used to mitigate excessive soil compaction prior to placement of topsoil and establishment of permanent vegetative cover.

Restoration of compacted soils shall be through deep scarification/tillage (6" minimum depth) where there is no danger to underground utilities (cables, irrigation systems, etc.). In the alternative, another method as specified by a New Jersey Licensed Professional Engineer may be submitted subject to District Approval.

Simplified Testing Methods:

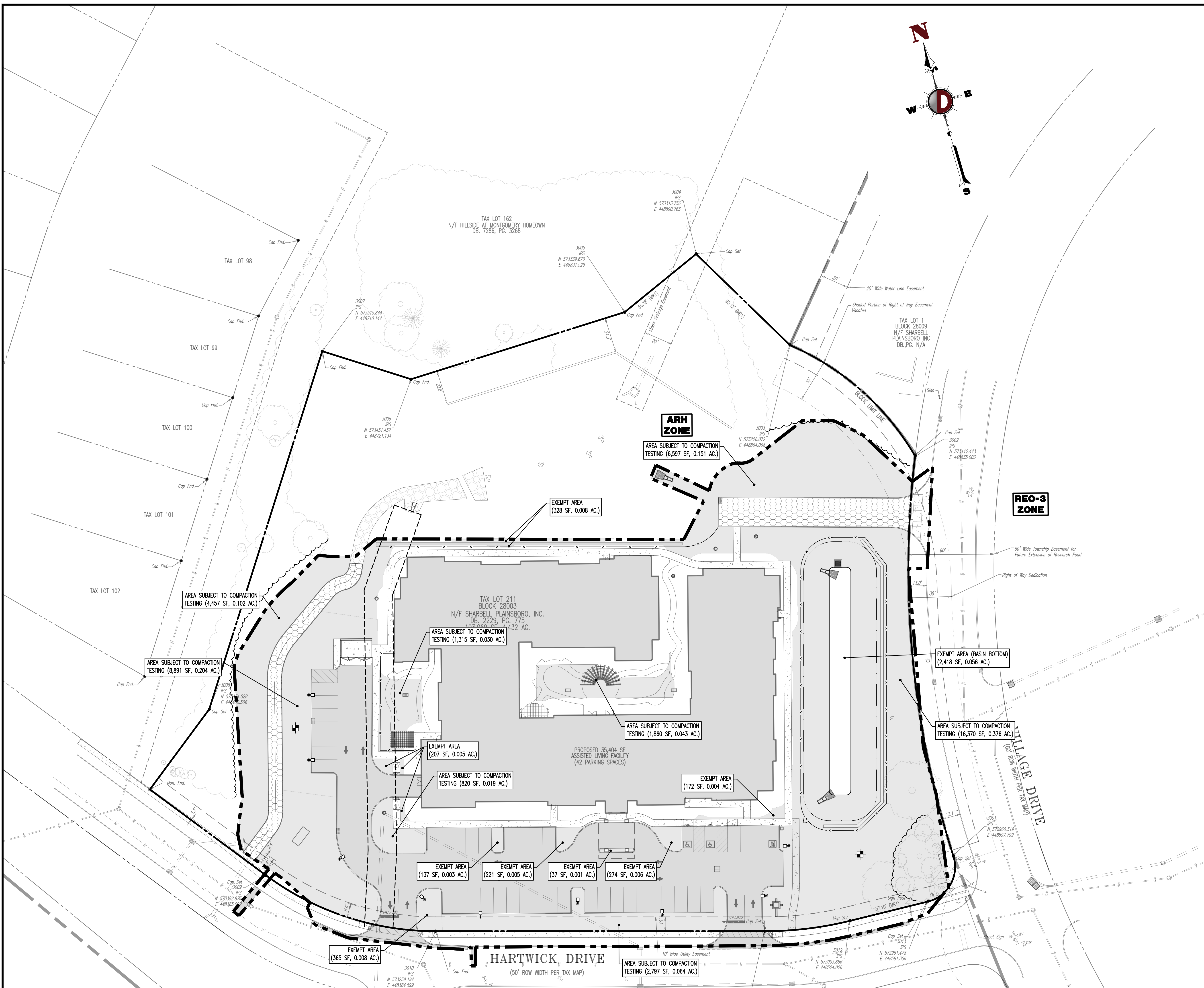
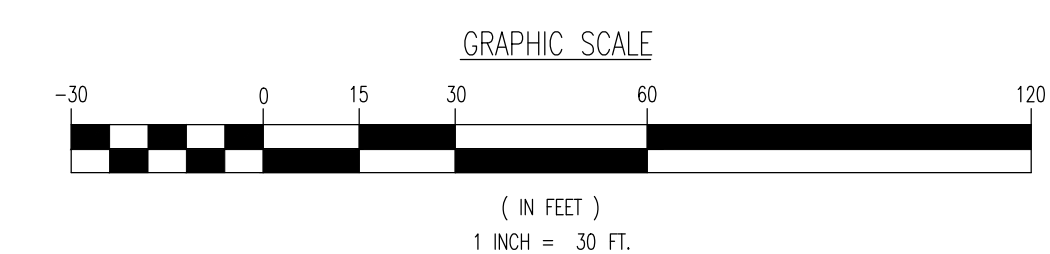
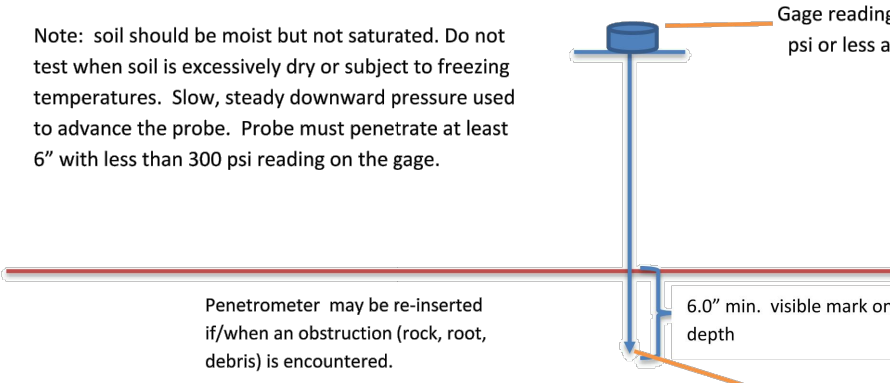
Probing Wire Test- 15.5 ga steel wire (survey flag)

Note: soil should be moist but not saturated. Do not test when soil is excessively dry or subject to freezing temperatures. Slow, steady downward pressure used to advance the wire.

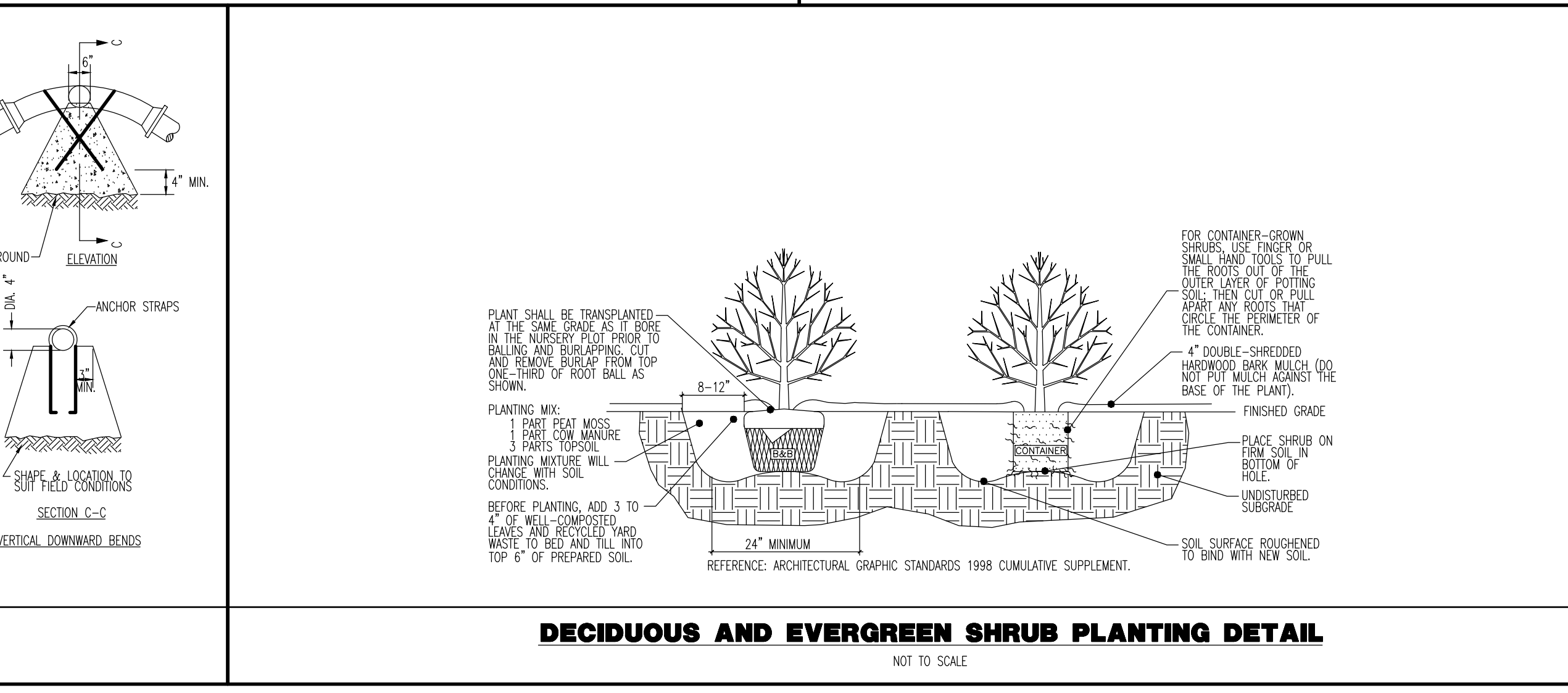
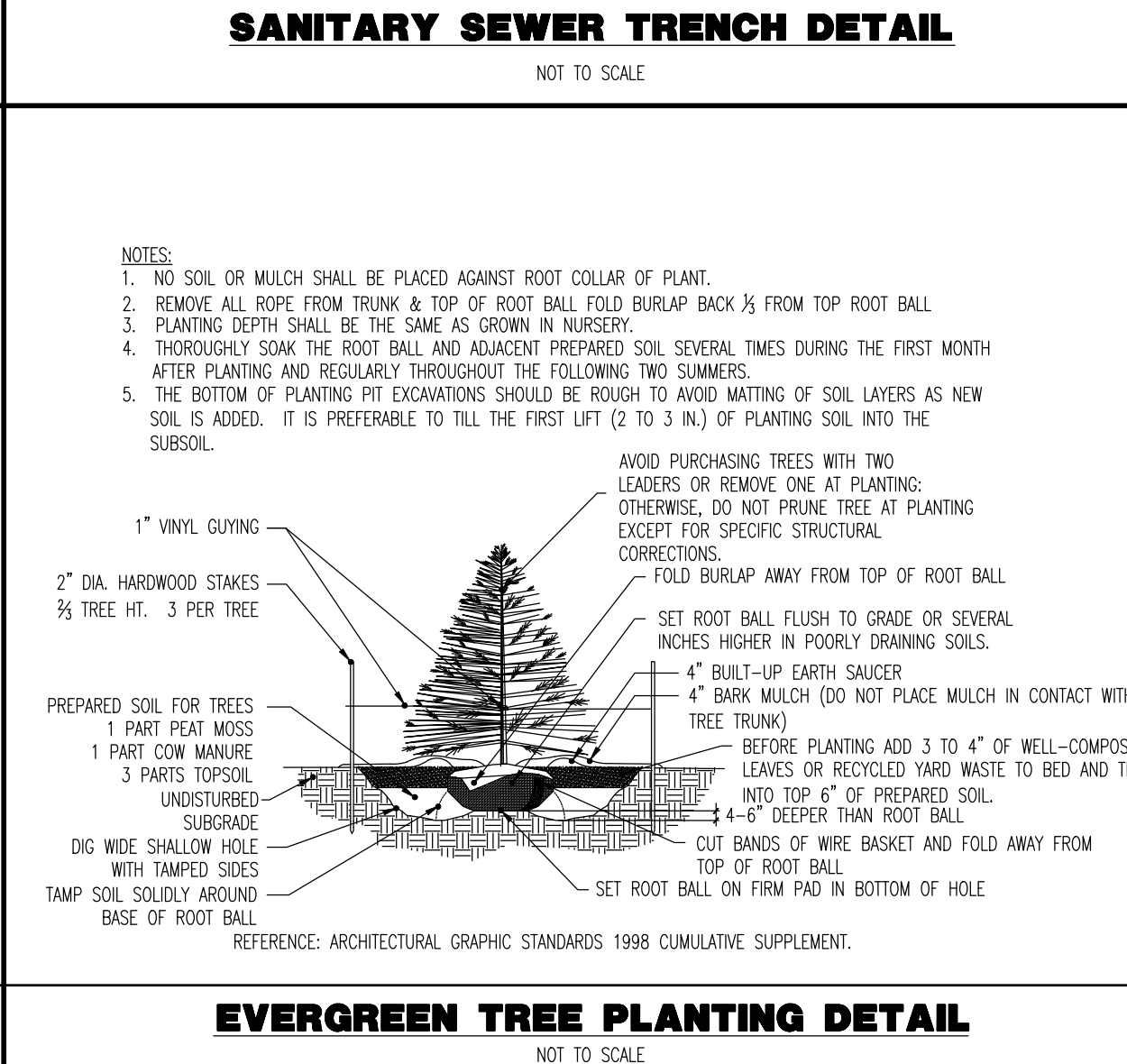
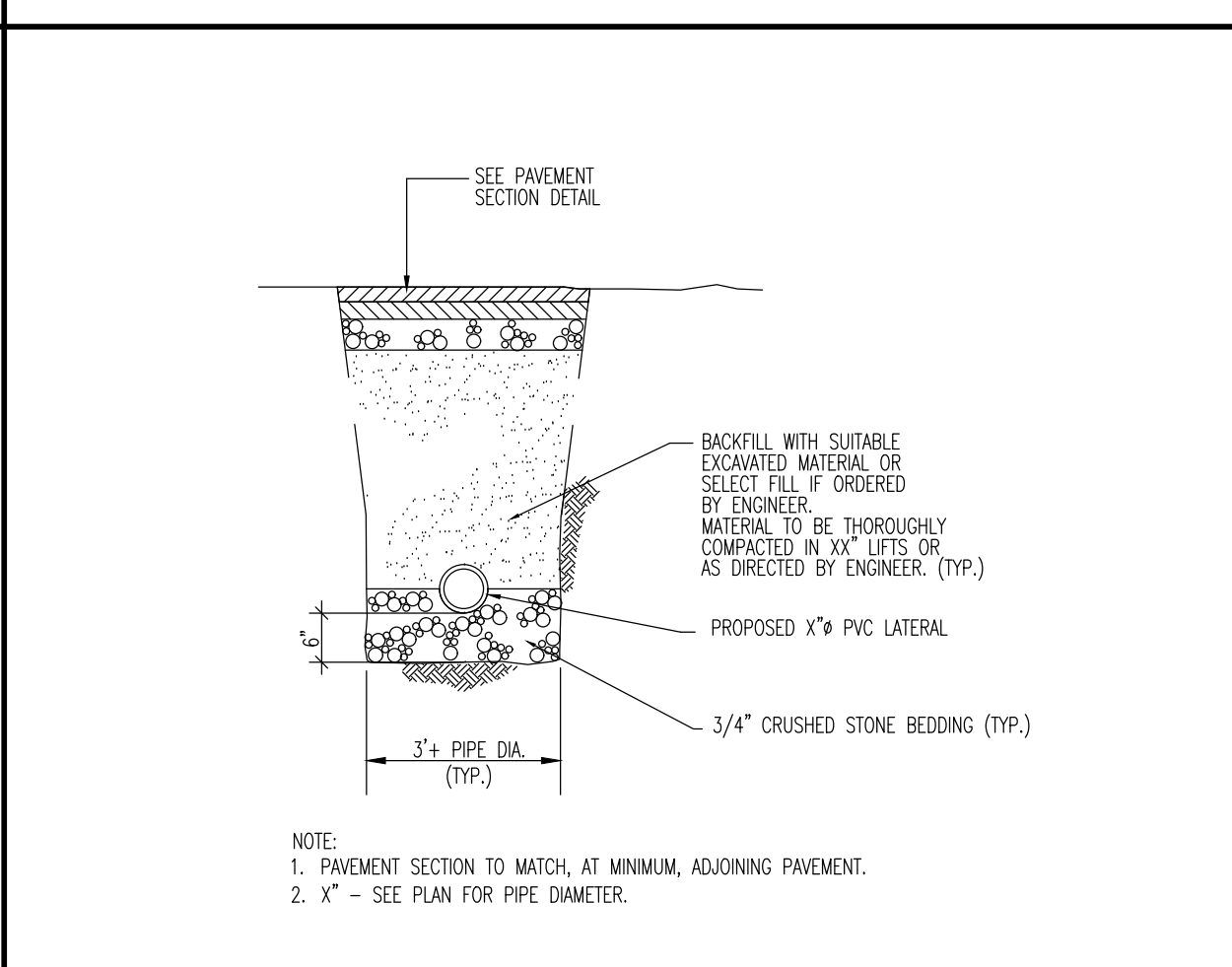
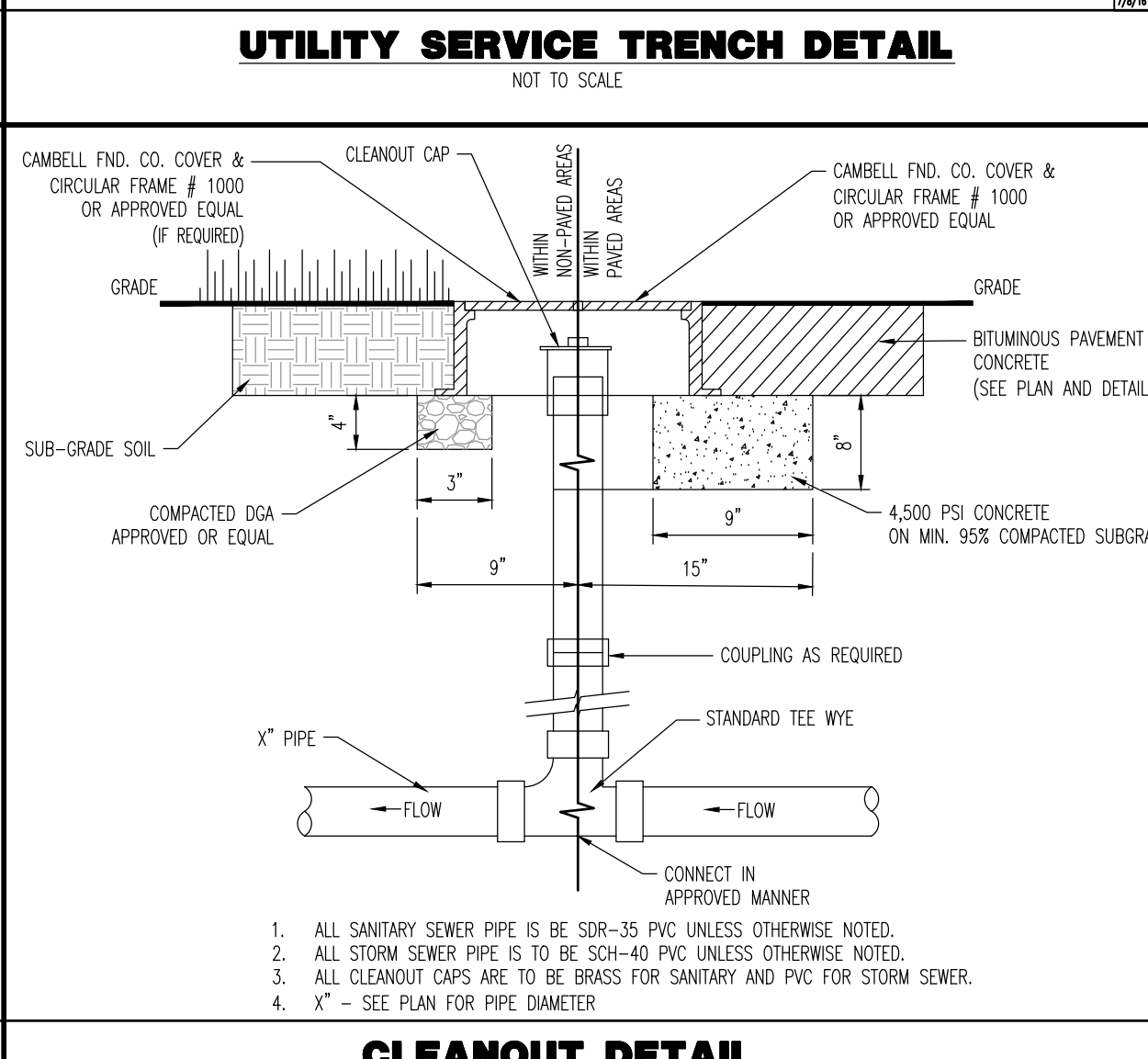
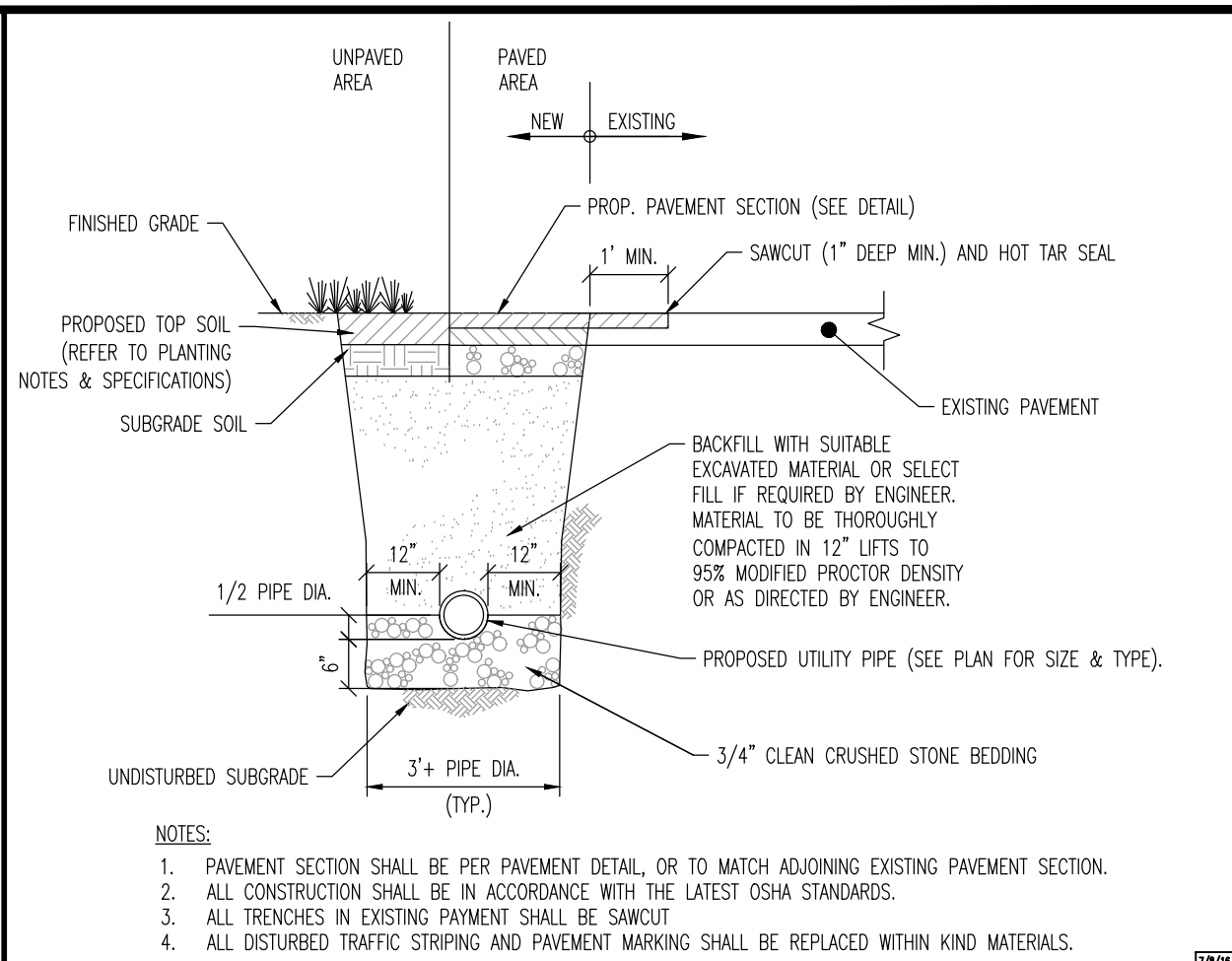


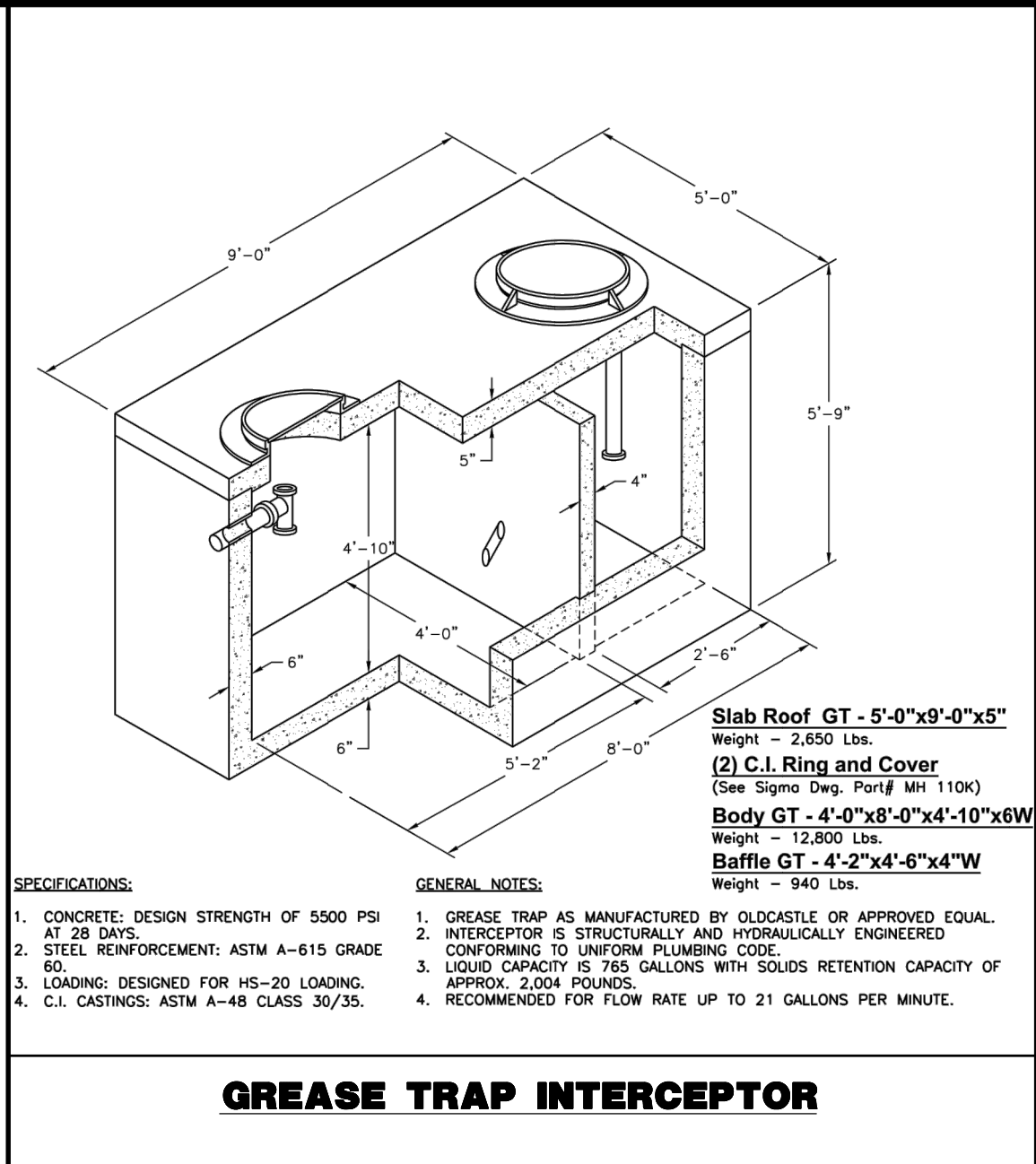
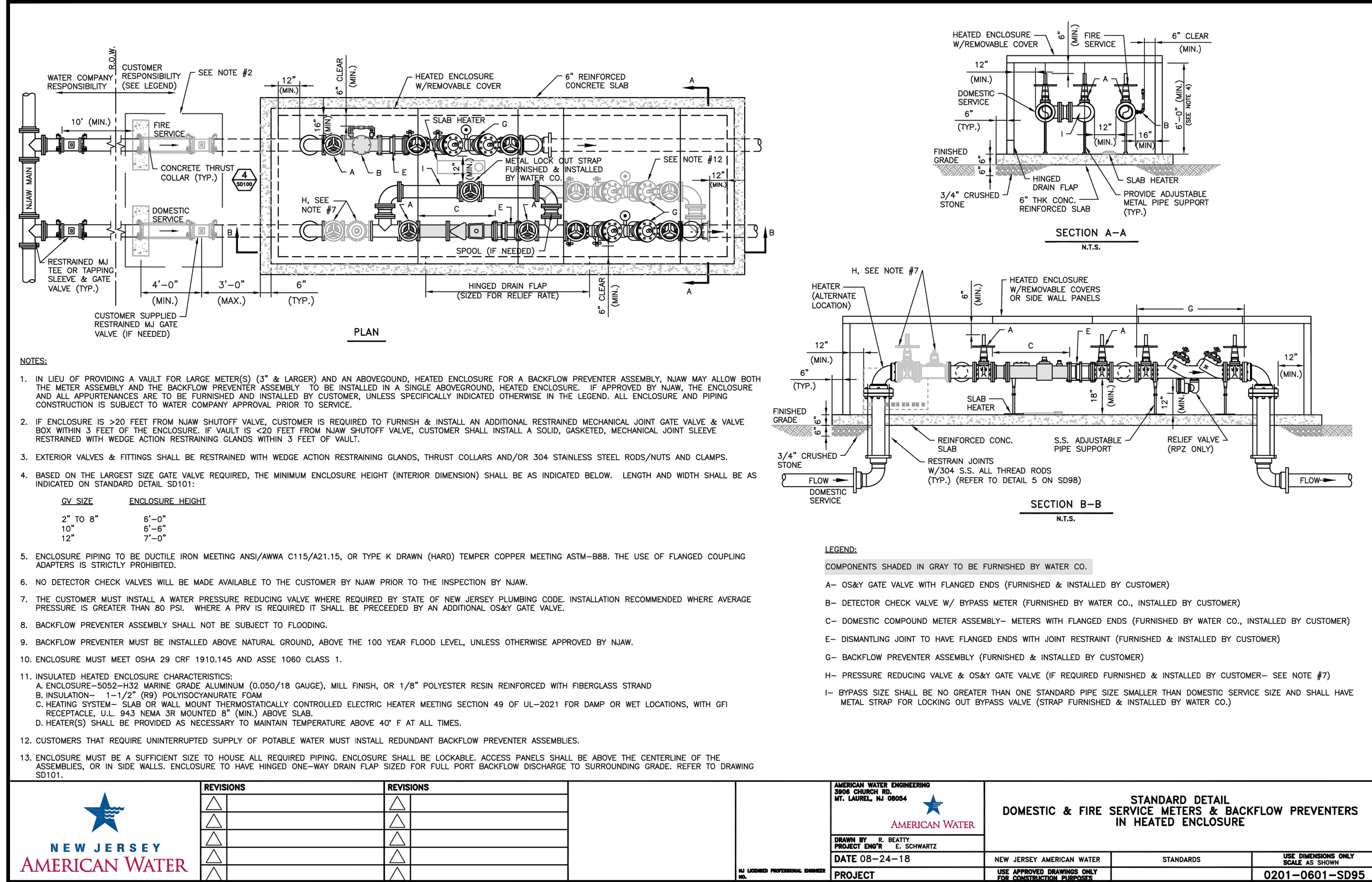
Handheld Soil Penetrometer Test

Note: soil should be moist but not saturated. Do not test when soil is excessively dry or subject to freezing temperatures. Slow, steady downward pressure used to advance the probe. Probe must penetrate at least 6" with less than 300 psi reading on the gage.

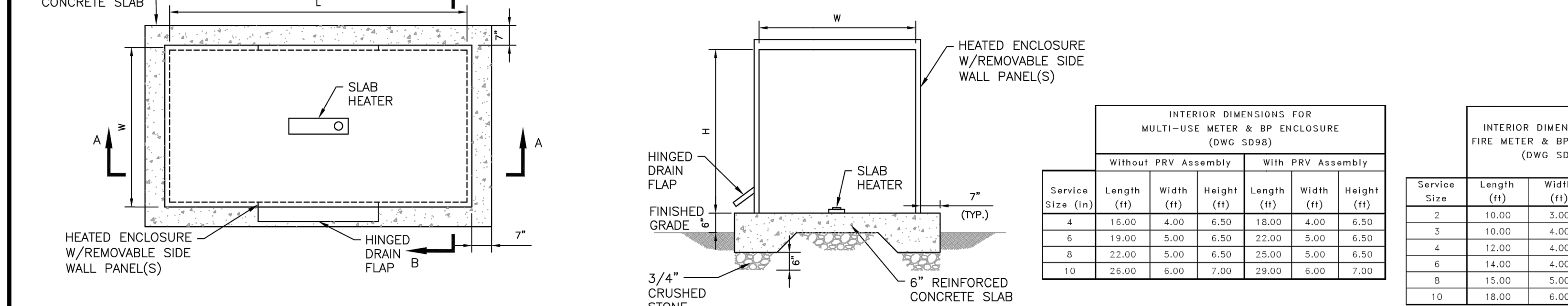




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INTERIOR DIMENSIONS FOR FIRE & DOMESTIC BP ENCLOSURE (DWG SD93)				INTERIOR DIMENSIONS FOR SINGLE SERVICE BP ENCLOSURE (DWG SD94)			
Service Size (in)	Length (ft)	Width (ft)	Height (ft)	Service Size (in)	Length (ft)	Width (ft)	Height (ft)
2	8.00	5.00	6.50	2	8.00	3.00	6.50
3	8.00	5.00	6.50	3	8.00	3.00	6.50
4	10.00	6.00	6.50	4	10.00	3.00	6.50
6	11.00	6.00	6.50	6	11.00	3.00	6.50
8	12.00	7.00	6.50	8	12.00	4.00	6.50
10	14.00	7.00	7.00	10	14.00	4.00	7.00



INTERIOR DIMENSIONS FOR MULTI-USE METER & BP ENCLOSURE (DWG SD98)				INTERIOR DIMENSIONS FOR FIRE METER & BP ENCLOSURE (DWG SD97)			
Service Size (in)	Length (ft)	Width (ft)	Height (ft)	Service Size (in)	Length (ft)	Width (ft)	Height (ft)
2	10.00	4.00	6.50	2	10.00	3.00	6.50
3	10.00	4.00	6.50	3	10.00	3.00	6.50
4	12.00	5.00	6.50	4	12.00	4.00	6.50
6	14.00	5.00	6.50	6	14.00	4.00	6.50
8	16.00	6.00	6.50	8	16.00	5.00	6.50
10	18.00	6.00	7.00	10	18.00	5.00	7.00

INTERIOR DIMENSIONS FOR MULTI-USE METER & BP ENCLOSURE (DWG SD98)				INTERIOR DIMENSIONS FOR FIRE METER & BP ENCLOSURE (DWG SD97)			
Service Size (in)	Length (ft)	Width (ft)	Height (ft)	Service Size (in)	Length (ft)	Width (ft)	Height (ft)
2	10.00	4.00	6.50	2	10.00	3.00	6.50
3	10.00	4.00	6.50	3	10.00	3.00	6.50
4	12.00	5.00	6.50	4	12.00	4.00	6.50
6	14.00	5.00	6.50	6	14.00	4.00	6.50
8	16.00	6.00	6.50	8	16.00	5.00	6.50
10	18.00	6.00	7.00	10	18.00	5.00	7.00

INTERIOR DIMENSIONS FOR MULTI-USE METER & BP ENCLOSURE (DWG SD98)				INTERIOR DIMENSIONS FOR FIRE METER & BP ENCLOSURE (DWG SD97)			
Service Size (in)	Length (ft)	Width (ft)	Height (ft)	Service Size (in)	Length (ft)	Width (ft)	Height (ft)
2	10.00	4.00	6.50	2	10.00	3.00	6.50
3	10.00	4.00	6.50	3	10.00	3.00	6.50
4	12.00	5.00	6.50	4	12.00	4.00	6.50
6	14.00	5.00	6.50	6	14.00	4.00	6.50
8	16.00	6.00	6.50	8	16.00	5.00	6.50
10	18.00	6.00	7.00	10	18.00	5.00	7.00

INTERIOR DIMENSIONS FOR MULTI-USE METER & BP ENCLOSURE (DWG SD98)				INTERIOR DIMENSIONS FOR FIRE METER & BP ENCLOSURE (DWG SD97)			
Service Size (in)	Length (ft)	Width (ft)	Height (ft)	Service Size (in)	Length (ft)	Width (ft)	Height (ft)
2	10.00	4.00	6.50	2	10.00	3.00	6.50
3	10.00	4.00	6.50	3	10.00	3.00	6.50
4	12.00	5.00	6.50	4	12.00	4.00	6.50
6	14.00	5.00	6.50	6	14.00	4.00	6.50
8	16.00	6.00	6.50	8	16.00	5.00	6.50
10	18.00	6.00	7.00	10	18.00	5.00	7.00

INTERIOR DIMENSIONS FOR MULTI-USE METER & BP ENCLOSURE (DWG SD98)				INTERIOR DIMENSIONS FOR FIRE METER & BP ENCLOSURE (DWG SD97)			
Service Size (in)	Length (ft)	Width (ft)	Height (ft)	Service Size (in)	Length (ft)	Width (ft)	Height (ft)
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3	10.00	4.00	6.50	3	10.00	3.00	6.50
4	12.00	5.00	6.50	4	12.00	4.00	6.50
6	14.00	5.00	6.50	6	14.00	4.00	6.50
8	16.00	6.00	6.50	8	16.00	5.00	6.50
10	18.00	6.00	7.00	10	18.00	5.00	7.00

INTERIOR DIMENSIONS FOR MULTI-USE METER & BP ENCLOSURE (DWG SD98)				INTERIOR DIMENSIONS FOR FIRE METER & BP ENCLOSURE (DWG SD97)			
Service Size (in)	Length (ft)	Width (ft)	Height (ft)	Service Size (in)	Length (ft)	Width (ft)	Height (ft)
2	10.00	4.00	6.50	2	10.00	3.00	6.50
3	10.00	4.00	6.50	3	10.00	3.00	6.50
4	12.00	5.00	6.50	4	12.00	4.00	6.50
6	14.00	5.00	6.50	6	14.00	4.00	6.50
8	16.00	6.00	6.50	8	16.00	5.00	6.50
10	18.00	6.00	7.00	10	18.00	5.00	7.00

INTERIOR DIMENSIONS FOR MULTI-USE METER & BP ENCLOSURE (DWG SD98)				INTERIOR DIMENSIONS FOR FIRE METER & BP ENCLOSURE (DWG SD97)			
Service Size (in)	Length (ft)	Width (ft)	Height (ft)	Service Size (in)	Length (ft)	Width (ft)	Height (ft)
2	10.00	4.00	6.50	2	10.00	3.00	6.50
3	10.00	4.00	6.50	3	10.00	3.00	6.50
4	12.00	5.00	6.50	4	12.00	4.00	6.50
6	14.00	5.00	6.50	6	14.00	4.00	6.50
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10	18.00	6.00	7.00	10	18.00	5.00	7.00

INTERIOR DIMENSIONS FOR MULTI-USE METER & BP ENCLOSURE (DWG SD98)				INTERIOR DIMENSIONS FOR FIRE METER & BP ENCLOSURE (DWG SD97)			
Service Size (in)	Length (ft)	Width (ft)	Height (ft)	Service Size (in)	Length (ft)	Width (ft)	Height (ft)
2	10.00	4.00	6.50	2	10.00	3.00	6.50
3	10.00	4.00	6.50	3	10.00	3.00	6.50
4	12.00	5.00	6.50	4	12.00	4.00	6.50
6	14.00	5.00	6.50	6	14.00	4.00	6.50
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INTERIOR DIMENSIONS FOR MULTI-USE METER & BP ENCLOSURE (DWG SD98)				INTERIOR DIMENSIONS FOR FIRE METER & BP ENCLOSURE (DWG SD97)			
Service Size (in)	Length (ft)	Width (ft)	Height (ft)	Service Size (in)	Length (ft)	Width (ft)	Height (ft)
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6	14.00	5.00	6.50	6	14.00	4.00	6.50
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INTERIOR DIMENSIONS FOR MULTI-USE METER & BP ENCLOSURE (DWG SD98)				INTERIOR DIMENSIONS FOR FIRE METER & BP ENCLOSURE (DWG SD97)			
Service Size (in)	Length (ft)	Width (ft)	Height (ft)	Service Size (in)	Length (ft)	Width (ft)	Height (ft)
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3	10.00	4.00	6.50	3	10.00	3.00	6.50
4	12.00	5.00	6.50	4	12.00	4.00	6.50
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3	10.00	4.00	6.50	3	10.00	3.00	6.50
4	12.00	5.00	6.50	4	12.00	4.00	6.50
6	14.00	5.00	6.50	6	14.00	4.00	6.50
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6	14.00	5.00	6.50	6	14.00	4.00	6.50
8	16.00	6.00	6.50	8	16.00	5.00	6.50
10	18.00	6.00	7.00	10	18.00	5.00	7.00

INTO CONSIDERATION PEDESTAL (PE) OR
UNLESS OTHERWISE NOTED, STRAPBACK FROM
PROPERTY LINE.

ALUMENUM ADJUSTMENT OF REINFORCING
POSSIBLE TO COORDINATE UNDERGROUND
UTILITIES.

1

2

3

4

5

6

7

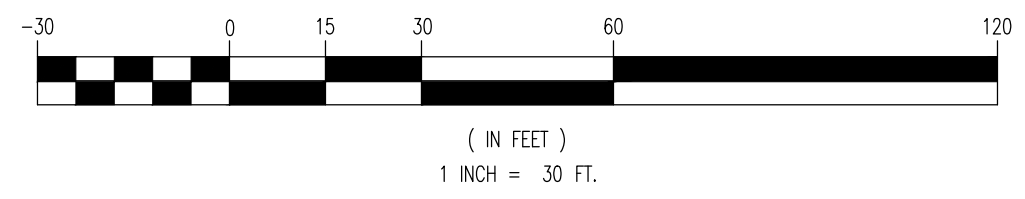
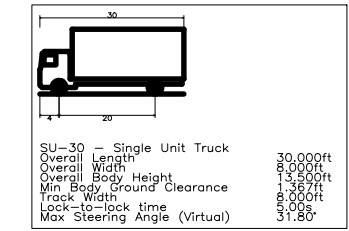
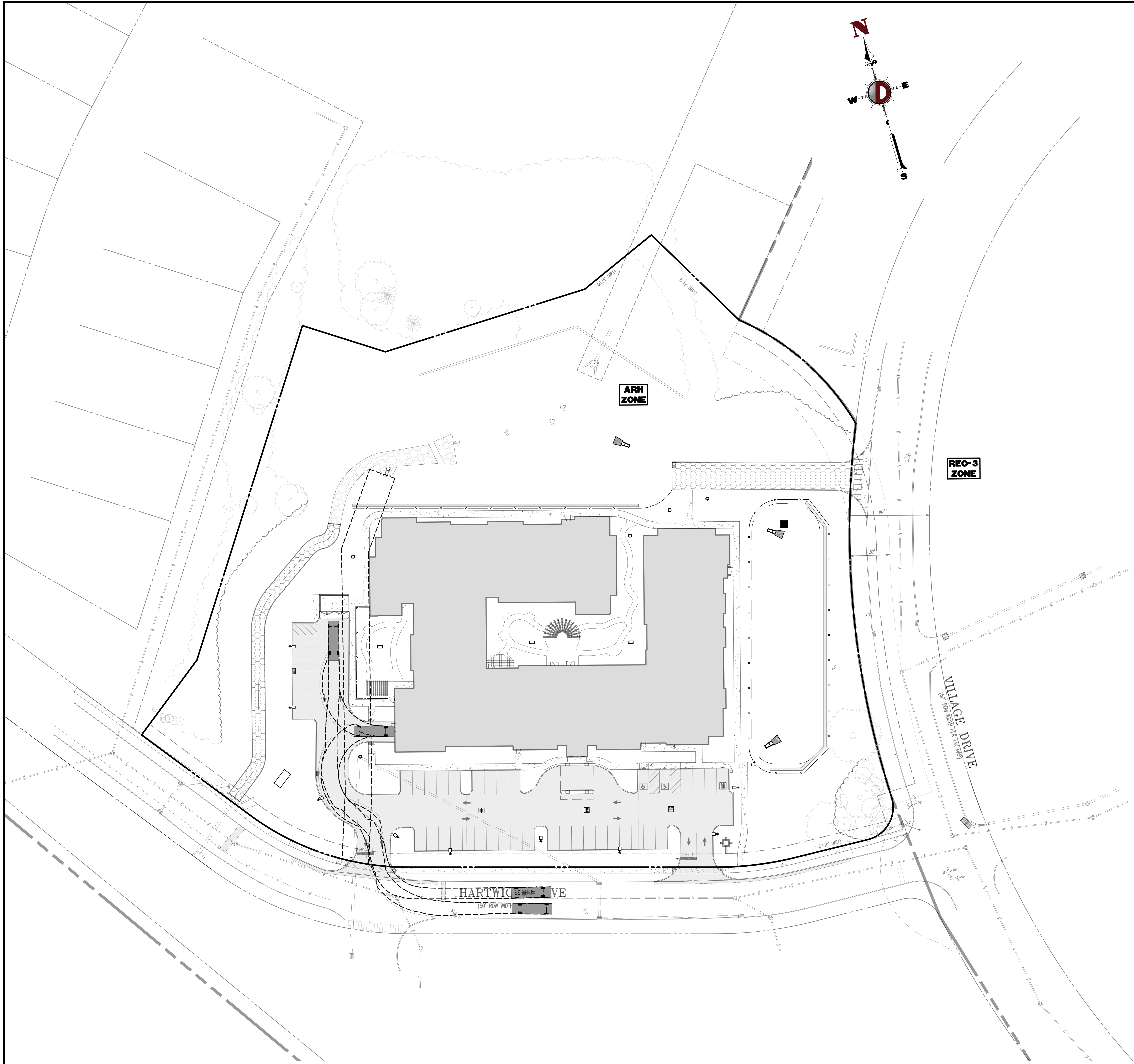
CONTRACTOR RESPONSIBLE TO VERIFY
CONSIDERATIONS EXIST.

SWG	Lumena (BLUG Flat)
	Lumena (BLUG Flat)
SKO	Lumena (BLUG Flat)
	Lumena (BLUG Flat)
SL2	Lumena (BLUG Flat)
	Lumena (BLUG Flat)
SL3	Lumena (BLUG Flat)
	Lumena (BLUG Flat)
SL4	Lumena (BLUG Flat)
	Lumena (BLUG Flat)
RW	Lumena (BLUG Flat)
	Lumena (BLUG Flat)
SL1/SLR	Lumena (BLUG Flat)
	Lumena (BLUG Flat)

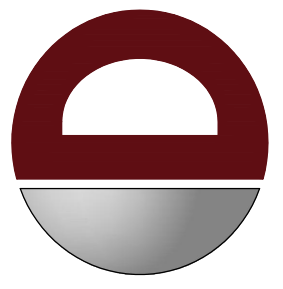
LUMENUM MAINTENANCE

Ambient Temperature	25.0C Hour
20°C	> 59"
40°C	> 58"
50°C	> 57"

* Per IEC60364 TNA-21 date.



THIS PLAN TO BE UTILIZED FOR VEHICLE CIRCULATION PURPOSES ONLY



DYNAMIC
• ENGINEERING • EARTH
• SEIBERLY • TRAFFIC

[illegible]

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ONLY AND MAY NOT BE USED FOR CONSTRUCTION

DRAWN BY:	DESIGNED BY:	CHECKED BY:
-----------	--------------	-------------

BPS DEVELOPMENT COMPANY, LLC
PROPOSED ASSISTED LIVING & MEMORY CARE FACILITY
PROJECT:
BLOCK 28003, LOT 211
HARTWICK DRIVE & VILLAGE DRIVE
MONTGOMERY TOWNSHIP, SOMERSET COUNTY, NEW JERSEY

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JEFFREY D. SPALT

PROFESSIONAL ENGINEER
NEW JERSEY LICENSE No. 40766

JEFFREY HABERMAN

PROFESSIONAL ENGINEER
NEW JERSEY LICENSE No. 53560

TITLE:

VEHICLE
CIRCULATION
PLAN SU-30

SCALE: (H) 1" = 30' (V)	DATE: 12/07/2022
PROJECT No: 4496-22-01857	

SHEET No: **17** OF 18

[illegible]

THIS PLAN SET IS FOR PERMITTING PURPOSES
ONLY AND MAY NOT BE USED FOR CONSTRUCTION

OWN BY: _____	DESIGNED BY: _____	CHECKED BY: _____
GMC	JH	JDS

BPS DEVELOPMENT COMPANY, LLC
PROPOSED ASSISTED LIVING & MEMORY CARE FACILITY
 BLOCK 28003 LOT 211
 HARTWICK DRIVE & VILLAGE DRIVE
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JEFFREY D. SPALT

PROFESSIONAL ENGINEER
NEW JERSEY LICENSE No. 40766

JEFFREY HABERMAN

PROFESSIONAL ENGINEER
NEW JERSEY LICENSE No. 53560

TITLE: VEHICLE
CIRCULATION
PLAN FIRE
TRUCK

SCALE: (H) 1" = 30' (V)	DATE: 12/07/2022
PROJECT No: 4496-22-01857	

SHEET No: **18** OF 18

