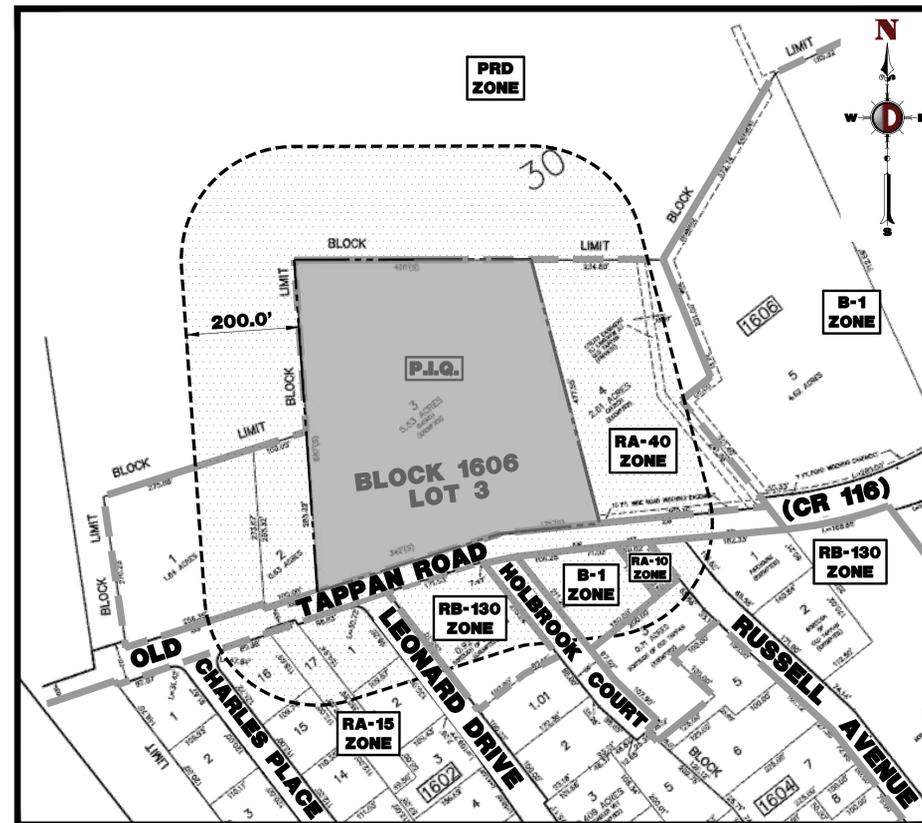


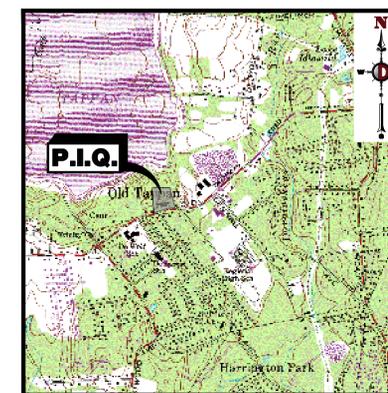
PRELIMINARY AND FINAL SITE PLAN & MINOR SUBDIVISION

FOR CSH OLD TAPPAN, LLC PROPOSED ASSISTED LIVING FACILITY

BLOCK 1606, LOT 3; TAX MAP SHEET #16 - LATEST REV. DATED 10-1-2000
244 OLD TAPPAN ROAD (CR 116)
BOROUGH OF OLD TAPPAN
BERGEN COUNTY, NEW JERSEY



AREA MAP
1" = 150'



KEY MAP
1" = 2000'

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VEHICLE TURNING PLAN	18 of 21
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ADA RAMP & DRIVEWAY PROFILE EXHIBIT	21 of 21

PREPARED BY
DYNAMIC ENGINEERING CONSULTANTS, P.C.
245 MAIN STREET - SUITE 110
CHESTER, NJ 07930
WWW.DYNAMICCEC.COM

ZONING BOARD OF ADJUSTMENT APPROVAL

APPROVED AT THE ZONING BOARD OF ADJUSTMENT OF THE BOROUGH OF OLD TAPPAN, BERGEN COUNTY, NJ

CHAIRMAN _____ DATE _____

SECRETARY _____ DATE _____

BOARD ENGINEER _____ DATE _____

OWNER CERTIFICATION

I CERTIFY THAT I AM THE OWNER OF LOT 1606 BLOCK 3 AND CONSENT TO THE FILING OF THIS APPLICATION.

PROPERTY OWNER _____ DATE _____



REV.	DATE	COMMENTS
1	07/29/21	REVISED PER SCD & COUNTY COMMENTS
2	09/10/21	REVISED PER SCD & COUNTY COMMENTS
3	12/20/21	REVISED PER UPDATED LAYOUT
4	02/07/22	REVISED PER SCD COMMENTS
5	03/16/22	NEW REV PER BOROUGH COMMENTS

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PROJECT: **CSH OLD TAPPAN, LLC**
PROPOSED ASSISTED LIVING FACILITY
BLOCK 1606, LOT 3
244 OLD TAPPAN ROAD
BOROUGH OF OLD TAPPAN, BERGEN COUNTY, NEW JERSEY

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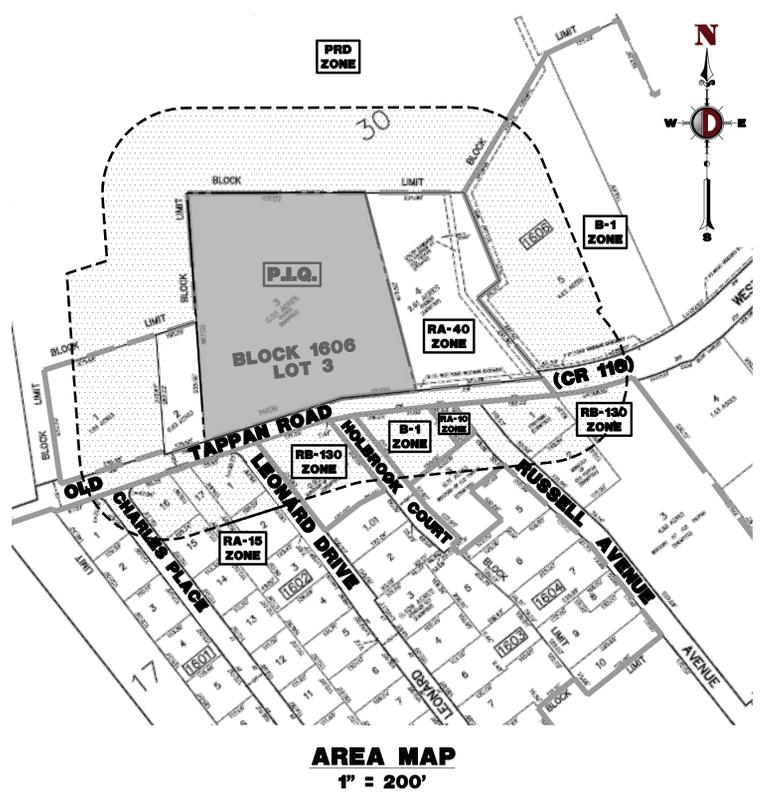
TITLE:
COVER SHEET

SCALE: (H) AS SHOWN DATE: 05/18/2021
PROJECT No: 1423-99-006

SHEET No: **1** OF 21 Rev. #: 5

200' PROPERTY OWNERS LIST

PROPERTY OWNER	BLOCK	LOT	CURRENT OWNER	3000	1	CURRENT OWNER	3000	1	CURRENT OWNER	3000	1
CURRENT OWNER 11 LAKEVIEW DRIVE #11 OLD TAPPAN, NJ 07675	701	1.01 & 2	53 LAKEVIEW DRIVE OLD TAPPAN, NJ 07675	3000	1	95 LAKEVIEW DRIVE OLD TAPPAN, NJ 07675	3000	1	119 LAKEVIEW DRIVE OLD TAPPAN, NJ 07675	3000	1
CURRENT OWNER 39 O'CONNORS LN OLD TAPPAN, NJ 07675	701	1.02	CURRENT OWNER 12 LAKEVIEW DR OLD TAPPAN, NJ 07675	3000	1	54 LAKEVIEW DRIVE OLD TAPPAN, NJ 07631	3000	1	CURRENT OWNER 121 LAKEVIEW AVENUE ENGLEWOOD, NJ 07631	3000	1
CURRENT OWNER 3 HIDDEN CT OLD TAPPAN, NJ 07675	701	1.03	CURRENT OWNER 14 LAKEVIEW DRIVE OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 55 LAKEVIEW DR OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 97 LAKEVIEW DRIVE OLD TAPPAN, NJ 07675	3000	1
CURRENT OWNER 4 HIDDEN COURT OLD TAPPAN, NJ 07675	701	1.04	CURRENT OWNER 15 LAKEVIEW DRIVE OLD TAPPAN, N.J. 07675	3000	1	CURRENT OWNER 98 LAKEVIEW DRIVE OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 100 LAKEVIEW DRIVE OLD TAPPAN, NJ 07675	3000	1
CURRENT OWNER 2 HIDDEN COURT OLD TAPPAN, NJ 07675	1601	1	CURRENT OWNER 16 LAKEVIEW DRIVE OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 57 LAKEVIEW DRIVE OLD TAPPAN, N.J. 07675	3000	1	CURRENT OWNER C/O 8317 MARRIN COURT TOANO, VA 23168	3000	1
CURRENT OWNER 4 CHARLES PLACE OLD TAPPAN, NJ 07675	1601	2	CURRENT OWNER 17 LAKEVIEW DR OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 58 LAKEVIEW DRIVE OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 127 LAKEVIEW DR OLD TAPPAN, NJ 07675	3000	1
CURRENT OWNER 8 CHARLES PLACE OLD TAPPAN, NJ 07675	1606	1	CURRENT OWNER 18 LAKEVIEW DRIVE OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 59 LAKEVIEW DRIVE OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 129 LAKEVIEW DRIVE OLD TAPPAN, NJ 07675	3000	1
CURRENT OWNER 256 OLD TAPPAN RD. OLD TAPPAN, NJ 07675	1606	2	CURRENT OWNER 7 HARVEY CEDARS WAY WARETOWN, NJ 08758	3000	1	CURRENT OWNER P. O. BOX 88 CLOSTER, NJ 07624	3000	1	CURRENT OWNER 101 LAKEVIEW DRIVE OLD TAPPAN, N.J. 07675	3000	1
CURRENT OWNER 890 HILL AVE PINE BUSH, NY 12566	1606	3	CURRENT OWNER 20 LAKEVIEW DR OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 61 LAKEVIEW DRIVE OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 102 LAKEVIEW DR OLD TAPPAN, NJ 07675	3000	1
CURRENT OWNER 120 SYLVAN AVENUE #301 ENGLEWOOD CLIFFS, NJ 07632	1606	4	CURRENT OWNER 21 LAKEVIEW DR OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 103 LAKEVIEW DR OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 149 RICHARDSON DRIVE MILL VALLEY, CALIFORNIA 94941	3000	1
CURRENT OWNER 236 OLD TAPPAN ROAD OLD TAPPAN, NJ 07675	1606	5 & 6	CURRENT OWNER 22 LAKEVIEW DRIVE OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 64 LAKEVIEW DRIVE OLD TAPPAN, N.J. 07675	3000	1	CURRENT OWNER 105 LAKEVIEW DR OLD TAPPAN, NJ 07675	3000	1
CURRENT OWNER 740 BISTATE PLAZA OLD TAPPAN, NJ 07675	1702	7	CURRENT OWNER 23 LAKEVIEW DRIVE OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 65 LAKEVIEW DRIVE OLD TAPPAN, N.J. 07675	3000	1	CURRENT OWNER 106 LAKEVIEW DR OLD TAPPAN, NJ 07675	3000	1
CURRENT OWNER 268 OLD TAPPAN ROAD OLD TAPPAN, N.J. 07675	1703	17	CURRENT OWNER 24 LAKEVIEW DRIVE OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 66 LAKEVIEW DR OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 107 LAKEVIEW DRIVE OLD TAPPAN, NJ 07675	3000	1
CURRENT OWNER 227 OLD TAPPAN RD OLD TAPPAN, NJ 07675	2901	1	CURRENT OWNER 41 LAWRENCE DR CHESTNUT RIDGE, NY 10977	3000	1	CURRENT OWNER 67 LAKEVIEW DR OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 27 FOREST ST PO BOX 663 ALPINE, NJ 07620	3000	1
CURRENT OWNER PO BOX 71970 PHOENIX, AZ 85050	1606	7	CURRENT OWNER 26 LAKEVIEW DRIVE OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 68 LAKEVIEW DR OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 109 LAKEVIEW DR OLD TAPPAN, NJ 07675	3000	1
K. HOVANANIAN'S ENCLAVE AT OT, LLC 110 FIELDCREST AVENUE EDISON, NJ 08837	1606	7	CURRENT OWNER 27 LAKEVIEW DR UNIT 27 OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 69 LAKEVIEW DR OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 110 LAKEVIEW DRIVE OLD TAPPAN, NJ 07675	3000	1
200 OTR LLC C/O HRP CONSTRUCTION LLC 9 POLITO AVENUE, SUITE 1010 LYNDHURST, NJ 07071	1602	14	CURRENT OWNER 28 LAKEVIEW DR OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 70 LAKEVIEW DRIVE #70 OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 111 LAKEVIEW DRIVE OLD TAPPAN N.J. 07675	3000	1
CURRENT OWNER 13 CHARLES PLACE OLD TAPPAN, NJ 07675	1602	1	CURRENT OWNER 29 LAKEVIEW DR OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 71 LAKEVIEW DRIVE OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 113 LAKEVIEW DR OLD TAPPAN, NJ 07675	3000	1
CURRENT OWNER 6 LEONARD DR OLD TAPPAN, NJ 07675	1602	2	CURRENT OWNER 30 LAKEVIEW DR UNIT 30 OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 72 LAKEVIEW DRIVE DELRAY BEACH, FL 33446	3000	1	CURRENT OWNER 7652 GLENDEVEN LANE DELRAY BEACH, FL 33446	3000	1
CURRENT OWNER 10 LEONARD DR OLD TAPPAN, NJ 07675	1602	15	CURRENT OWNER 31 LAKEVIEW DRIVE OLD TAPPAN, NJ 07675 06840	3000	1	CURRENT OWNER 73 LAKEVIEW DR OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 2587 BEECHWOOD VILLAGE CT HENDERSON, NJ 89052	3000	1
CURRENT OWNER 9 CHARLES PL OLD TAPPAN, NJ 07675	1602	16	CURRENT OWNER 32 LAKEVIEW DRIVE OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 74 LAKEVIEW DRIVE OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 75 LAKEVIEW DRIVE OLD TAPPAN, NJ 07675	3000	1
CURRENT OWNER 111 PHYLLIS DRIVE OLD TAPPAN, NJ 07675	1602	17	CURRENT OWNER 33 LAKEVIEW DRIVE OLD TAPPAN, N.J. 07675	3000	1	CURRENT OWNER 76 LAKEVIEW DR OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 77 LAKEVIEW DR OLD TAPPAN, NJ 07675	3000	1
CURRENT OWNER 253 OLD TAPPAN ROAD OLD TAPPAN, N.J. 07675	1603	1	CURRENT OWNER 34 LAKEVIEW DRIVE OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 78 LAKEVIEW DR OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 79 LAKEVIEW DRIVE OLD TAPPAN, NJ 07675	3000	1
CURRENT OWNER 247 OLD TAPPAN RD OLD TAPPAN, NJ 07675	1603	1.01	CURRENT OWNER 35 LAKEVIEW DRIVE OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 80 LAKEVIEW DRIVE OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 81 LAKEVIEW DRIVE OLD TAPPAN, NJ 07675	3000	1
CURRENT OWNER 15 LEONARD DR OLD TAPPAN, NJ 07675	1604	1	CURRENT OWNER 36 LAKEVIEW DR OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 82 LAKEVIEW DRIVE OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 83 LAKEVIEW DR OLD TAPPAN, NJ 07675	3000	1
CURRENT OWNER 239 OLD TAPPAN RD OLD TAPPAN, NJ 07675	1604	2 & 3	CURRENT OWNER 37 LAKEVIEW DRIVE OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 84 LAKEVIEW DRIVE OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 85 LAKEVIEW DRIVE OLD TAPPAN, NJ 07675	3000	1
CURRENT OWNER 227 OLD TAPPAN RD OLD TAPPAN, NJ 07675	1605	1	CURRENT OWNER 47 FOXWOOD SQ OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 86 LAKEVIEW DR OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 87 LAKEVIEW DRIVE OLD TAPPAN, NJ 07675	3000	1
CURRENT OWNER 231 OLD TAPPAN ROAD OLD TAPPAN, NJ 07675	1604	5	CURRENT OWNER 39 LAKEVIEW DR OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 88 LAKEVIEW DRIVE OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 89 LAKEVIEW DRIVE OLD TAPPAN, NJ 07675	3000	1
CURRENT OWNER 8 RUSSELL AVE OLD TAPPAN, NJ 07675	1605	2	CURRENT OWNER 40 LAKEVIEW DR OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 89 LAKEVIEW DRIVE OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 90 LAKEVIEW DR OLD TAPPAN, NJ 07675	3000	1
CURRENT OWNER 247 OLD TAPPAN ROAD OLD TAPPAN, NJ 07675	1605	3	CURRENT OWNER 41 LAKEVIEW DR OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 1641 MAPLE STREET FORT LEE, NJ 07024	3000	1	CURRENT OWNER 91 LAKEVIEW DRIVE OLD TAPPAN, NJ 07675	3000	1
CURRENT OWNER 227 OLD TAPPAN RD OLD TAPPAN, NJ 07675	1605	4	CURRENT OWNER 43 LAKEVIEW DR OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 85 LAKEVIEW DRIVE OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 92 LAKEVIEW DRIVE OLD TAPPAN, N.J. 07675	3000	1
CURRENT OWNER 11 MAPLE STREET CLOSTER, NJ 07624	3000	1	CURRENT OWNER 44 LAKEVIEW DRIVE OLD TAPPAN, N.J. 07675	3000	1	CURRENT OWNER 86 LAKEVIEW DR OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 93 LAKEVIEW DR OLD TAPPAN, NJ 07675	3000	1
CURRENT OWNER 1 LAKEVIEW DRIVE OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 45 LAKEVIEW DR OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 87 LAKEVIEW DRIVE OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 94 LAKEVIEW DRIVE OLD TAPPAN, N.J. 07675	3000	1
CURRENT OWNER 2 LAKEVIEW DRIVE OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 46 LAKEVIEW DRIVE OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 88 LAKEVIEW DRIVE OLD TAPPAN, NJ 07675	3000	1			
CURRENT OWNER 3 LAKEVIEW DRIVE OLD TAPPAN, N.J. 07675	3000	1	CURRENT OWNER 47 LAKEVIEW DRIVE OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 89 LAKEVIEW DRIVE OLD TAPPAN, NJ 07675	3000	1			
CURRENT OWNER 4 LAKEVIEW DR OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 48 LAKEVIEW DRIVE OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 90 LAKEVIEW DR OLD TAPPAN, NJ 07675	3000	1			
CURRENT OWNER 5 LAKEVIEW DRIVE OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 49 LAKEVIEW DRIVE OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 91 LAKEVIEW DRIVE OLD TAPPAN, NJ 07675	3000	1			
CURRENT OWNER 6 LAKEVIEW DRIVE OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 50 LAKEVIEW DR OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 92 LAKEVIEW DRIVE OLD TAPPAN, N.J. 07675	3000	1			
CURRENT OWNER 7 LAKEVIEW DRIVE OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 51 LAKEVIEW DR OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 93 LAKEVIEW DR OLD TAPPAN, NJ 07675	3000	1			
CURRENT OWNER 8 LAKEVIEW DR OLD TAPPAN, NJ 07675	3000	1	CURRENT OWNER 52 LAKEVIEW DR OLD TAPPAN, NJ 07675	3000	1						
CURRENT OWNER 9 LAKEVIEW DRIVE OLD TAPPAN, NJ 07675	3000	1									
CURRENT OWNER 10 LAKEVIEW DRIVE OLD TAPPAN, NJ 07675	3000	1									



AREA MAP
1" = 200'

Plotted: 04/06/22 - 10:44 AM, By: jdemartini
 File: \\despc\local\deciders\2023\PROJECTS\1423 Capitol Seniors Housing\99-006 Old Tappan\Draw\Site Plans\142399008505.dwg, ---> 02' 200' PROPERTY OWNERS LIST



NO.	DATE	REVISIONS	BY
1	07/29/21	REVISED PER SCD & COUNTY COMMENTS	GL
2	09/10/21	REVISED PER SCD & COUNTY COMMENTS	GL
3	12/20/21	REVISED PER SCD & COUNTY COMMENTS	US
4	02/07/22	REVISED PER SCD COMMENTS	JD
5	03/16/22	NEW REV PER BOROUGH COMMENTS	JD

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PROJECT: **CSH OLD TAPPAN, LLC**
 PROPOSED ASSISTED LIVING FACILITY
 BLOCK 1606, LOT 3
 244 OLD TAPPAN ROAD
 BOROUGH OF OLD TAPPAN, BERGEN COUNTY, NEW JERSEY

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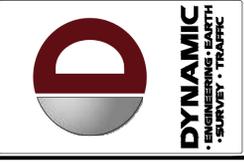
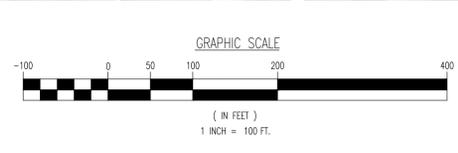
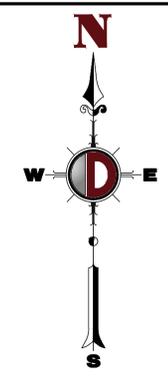
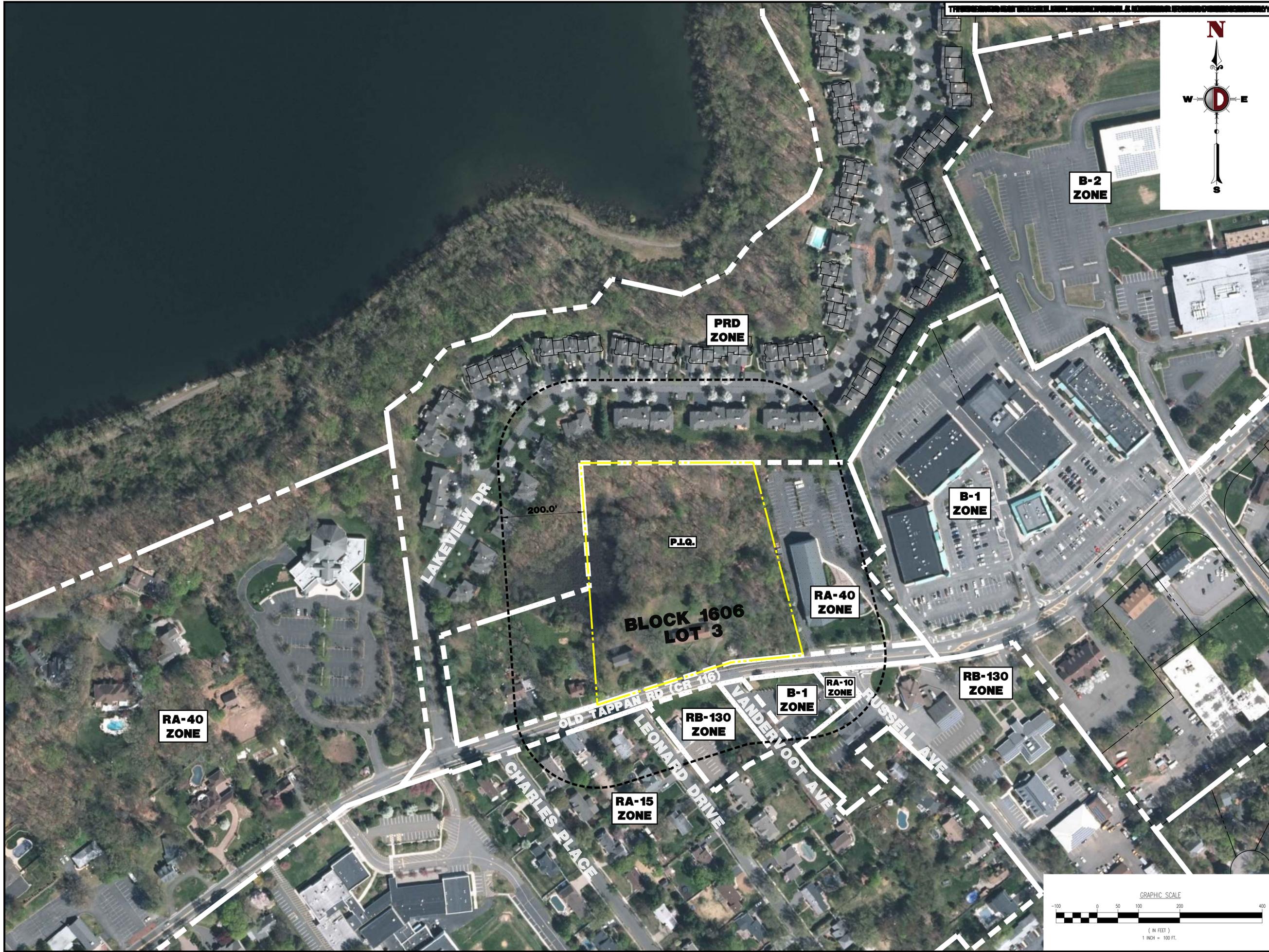
DANIEL T. SEHNAL
 PROFESSIONAL ENGINEER
 NEW JERSEY LICENSE No. 53572

JOSEPH G. JAWORSKI
 PROFESSIONAL ENGINEER
 NEW JERSEY LICENSE No. 36618

TITLE: **200' PROPERTY OWNERS LIST**

SCALE: (H) AS SHOWN DATE: 05/18/2021
 PROJECT No: 1423-99-006
 SHEET No: **2** OF 21 Rev. #: 5

Plotted: 04/06/22 - 10:45 AM, By: jdemartini
 File: \\deeplocal\defenders\DATA\DEFC\PROJECTS\1423\Copial_Senters_Housing\99-006 Old Tappan\Draw\Site Plans\0142399000505.dwg, ---> 03 AERIAL MAP



REV.	DATE	COMMENTS	BY
5	03/16/22	NEW REV PER BOROUGH COMMENTS	JD
4	02/01/22	REVISED PER SCD COMMENTS	JD
3	12/20/21	REVISED PER UPDATED LAYOUT	MS
2	09/10/21	REVISED PER SCD & COUNTY COMMENTS	MS
1	07/29/21	REVISED PER SCD & COUNTY COMMENTS	DL

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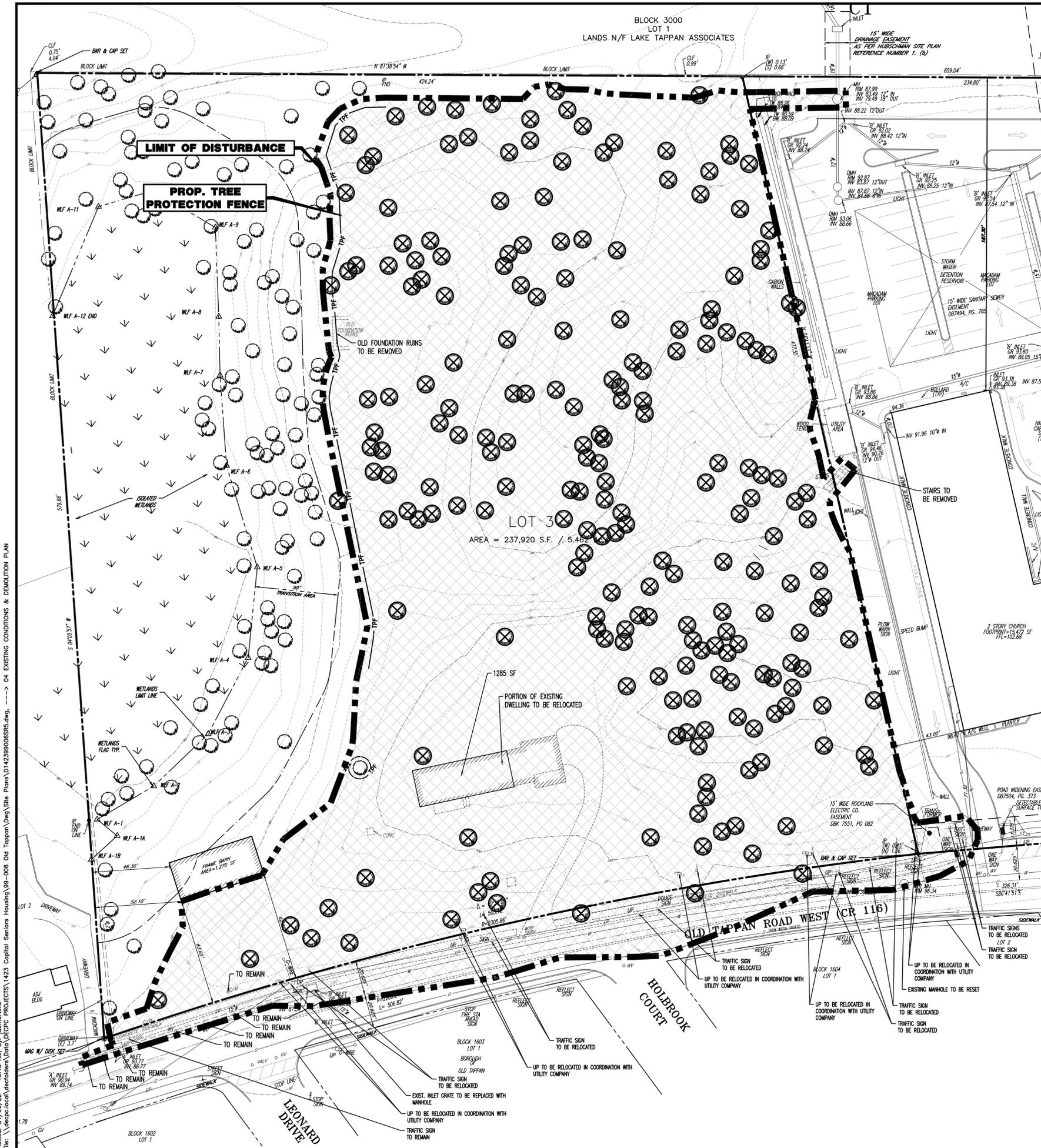
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 NEW JERSEY LICENSE No. 53572

JOSEPH G. JAWORSKI
 PROFESSIONAL ENGINEER
 NEW JERSEY LICENSE No. 36618

TITLE:
AERIAL MAP

SCALE: (H) 1" = 100'
 (V) DATE: 05/18/2021
 PROJECT No: 1423-99-006

SHEET No: **3** OF 21
 Rev. #: 5

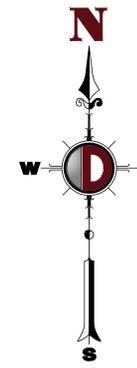
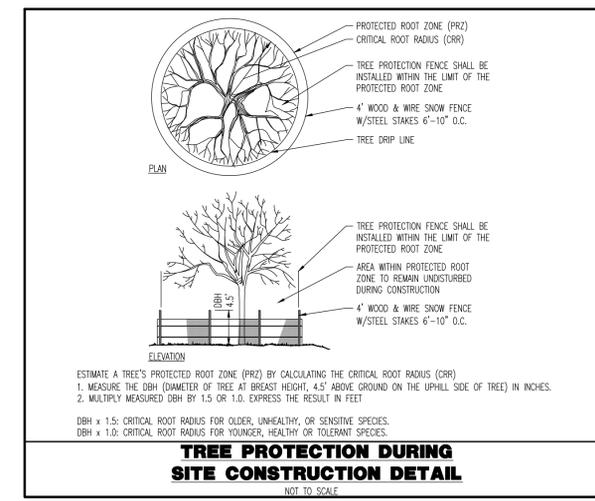


DEMOLITION NOTES

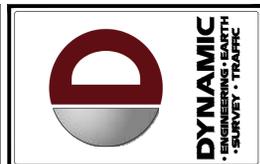
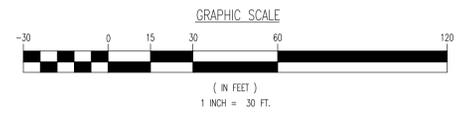
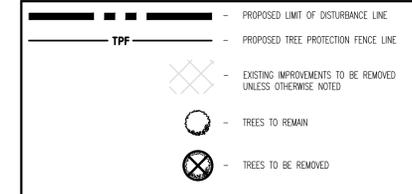
1. ALL DEMOLITION ACTIVITIES ARE TO BE PERFORMED IN STRICT ADHERENCE TO ALL FEDERAL, STATE AND LOCAL REGULATIONS.
2. PROCEED WITH DEMOLITION IN A SYSTEMATIC MANNER, FROM THE TOP OF THE STRUCTURE(S) TO THE GROUND.
3. COMPLETE DEMOLITION WORK ABOVE EACH FLOOR OR TIER BEFORE DISTURBING ANY OF THE SUPPORTING MEMBERS OF THE LOWER LEVELS.
4. DEMOLISH CONCRETE AND MASONRY IN SMALL SECTIONS.
5. REMOVE STRUCTURAL FRAMING MEMBERS AND LOWER THEM TO THE GROUND BY MEANS OF HOISTS, DERRICKS OR OTHER SUITABLE METHODS.
6. BREAK UP CONCRETE SLABS-ON-GRADE, UNLESS OTHERWISE DIRECTED BY OWNER.
7. LOCATE DEMOLITION EQUIPMENT THROUGHOUT THE STRUCTURE AND REMOVE MATERIALS SO AS TO NOT IMPOSE EXCESSIVE LOADS ON SUPPORTING WALLS, FLOORS, OR FRAMING.
8. PROVIDE INTERIOR AND EXTERIOR SHORING, BRACING AND SUPPORTS TO PREVENT MOVEMENT, SETTLEMENT OR COLLAPSE OF STRUCTURES TO BE DEMOLISHED (AND ADJACENT FACILITIES, IF APPLICABLE).
9. DEMOLISH AND REMOVE ALL FOUNDATION WALLS, FOOTINGS AND OTHER MATERIALS WITHIN THE AREA OF THE DESIGNATED FUTURE BUILDING. ALL OTHER FOUNDATION SYSTEMS, INCLUDING BASEMENTS, SHALL BE DEMOLISHED TO A DEPTH OF NOT LESS THAN ONE FOOT BELOW PROPOSED PAVEMENT OR BREAK BASEMENT FLOOR SLABS. SEAL ALL OPEN UTILITY LINES WITH CONCRETE. CONTRACTOR TO REVIEW STRUCTURE PRIOR TO DEMOLITION TO DETERMINE IF BASEMENT, CRAWL SPACE OR ANY SUB-STRUCTURE EXISTS. ANY SUB-STRUCTURE, INCLUDING BASEMENTS SHALL BE REMOVED IN ITS ENTIRETY OR AS DIRECTED BY OWNER.
10. ERECT AND MAINTAIN COVERED PASSAGEWAYS IN ORDER TO PROVIDE SAFE PASSAGE FOR PERSONS AROUND THE AREA OF DEMOLITION. CONDUCT ALL DEMOLITION OPERATIONS IN A MANNER THAT WILL PREVENT DAMAGE AND PERSONAL INJURY TO STRUCTURES, ADJACENT BUILDINGS AND ALL PERSONS.
11. REFRAIN FROM USING ANY EXPLOSIVES WITHOUT PRIOR WRITTEN CONSENT OF OWNER AND APPLICABLE GOVERNMENTAL AUTHORITIES.
12. CONDUCT DEMOLITION SERVICES IN SUCH A MANNER TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS AND OTHER ADJACENT FACILITIES. DO NOT CLOSE OR OBSTRUCT STREETS, WALKS OR OTHER OCCUPIED FACILITIES WITHOUT PRIOR WRITTEN PERMISSION OF OWNER AND ANY APPLICABLE GOVERNMENTAL AUTHORITIES. PROVIDE ALTERNATE ROUTES AROUND CLOSED OR OBSTRUCTED TRAFFIC WAYS, IF REQUIRED BY APPLICABLE GOVERNMENTAL REGULATIONS.
13. USE WATERING, TEMPORARY ENCLOSURES AND OTHER SUITABLE METHODS, AS NECESSARY TO LIMIT THE AMOUNT OF DUST AND DIRT RISING AND SCATTERING IN THE AIR. CLEAN ADJACENT STRUCTURES AND IMPROVEMENTS OF ALL DUST AND DEBRIS CAUSED BY THE DEMOLITION OPERATIONS. RETURN ALL ADJACENT AREAS TO THE CONDITIONS EXISTING PRIOR TO THE START OF WORK.
14. ACCOMPLISH AND PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE UNAUTHORIZED ENTRY OF PERSONS AT ANY TIME.
15. COMPLETELY FILL BELOW GRADE AREAS AND VOIDS RESULTING FROM THE DEMOLITION OF STRUCTURES AND FOUNDATIONS WITH SOIL MATERIALS IN ACCORDANCE WITH THE GEOTECHNICAL REPORT, CONSISTING OF STONE, GRAVEL AND SAND, FREE FROM DEBRIS, TRASH, FROZEN MATERIALS, ROOTS AND OTHER ORGANIC MATTER. STONES USED WILL NOT BE LARGER THAN 6 INCHES IN DIMENSION. MATERIAL FROM DEMOLITION MAY NOT BE USED AS FILL. PRIOR TO PLACEMENT OF FILL MATERIALS, UNDERLIE ALL NECESSARY AREAS IN ORDER TO ENSURE THAT AREAS TO BE FILLED ARE FREE OF STANDING WATER, FROST, FROZEN MATERIAL, TRASH, DEBRIS. PLACE FILL MATERIALS IN HORIZONTAL LAYERS NOT EXCEEDING 6 INCHES IN THICKNESS AND COMPACT EACH LAYER AT PLACEMENT TO 95% OPTIMUM DENSITY. GRADE THE SURFACE TO MEET ADJACENT CONTOURS AND TO PROVIDE SURFACE DRAINAGE.
16. REMOVE FROM THE DESIGNATED SITE, AT THE EARLIEST POSSIBLE TIME, ALL DEBRIS, RUBBISH, SALVAGEABLE ITEMS, HAZARDOUS AND COMBUSTIBLE SERVICES. REMOVED MATERIALS MAY NOT BE STORED, SOLD OR BURNED ON THE SITE. REMOVAL OF HAZARDOUS AND COMBUSTIBLE MATERIALS SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THE PROCEDURES AS AUTHORIZED BY THE FIRE DEPARTMENT OR OTHER APPROPRIATE REGULATORY AGENCIES AND AUTHORITIES.
17. DISCONNECT, SHUT OFF AND SEAL IN CONCRETE ALL UTILITIES SERVING THE STRUCTURE(S) TO BE DEMOLISHED BEFORE THE COMMENCEMENT OF THE DESIGNATED DEMOLITION. MARK FOR POSITION ALL UTILITY DRAINAGE AND SANITARY LINES AND PROTECT ALL ACTIVE LINES. CLEARLY IDENTIFY BEFORE THE COMMENCEMENT OF DEMOLITION SERVICES THE REQUIRED INTERRUPTION OF ACTIVE SYSTEMS THAT MAY AFFECT OTHER PARTIES, AND NOTIFY ALL APPLICABLE UTILITY COMPANIES TO ENSURE THE CONTINUATION OF SERVICE.
18. THIS DEMOLITION PLAN IS INTENDED TO IDENTIFY THOSE EXISTING CONDITIONS WHICH ARE TO BE REMOVED. IT IS NOT INTENDED TO PROVIDE DIRECTION OTHER THAN THAT ALL PROCEDURES ARE TO BE IN ACCORDANCE WITH STATE, FEDERAL, LOCAL, AND JURISDICTIONAL REQUIREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SAFETY PRECAUTIONS NECESSARY.

NOTES

1. IN ACCORDANCE WITH STATE LAW, THE CONTRACTOR SHALL BE REQUIRED TO CALL THE BOARD OF PUBLIC UTILITIES ONE CALL DAMAGE PROTECTION SYSTEM OR UTILITY MARK OUT IN ADVANCE OF ANY EXCAVATION.
2. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL EXISTING SITE IMPROVEMENTS AND UTILITIES. ALL DISCREPANCIES SHALL BE IDENTIFIED TO THE ENGINEER IN WRITING.
3. ALL EXISTING UTILITIES TO BE ABANDONED SHALL BE DISCONNECTED AND CAPPED AT THE MAIN FOR WATER, AT THE CLEAN-OUT FOR SEWER AND THE SHUT-OFF VALVE OR MAIN FOR GAS IN ACCORDANCE WITH MUNICIPAL AND LOCAL UTILITY REQUIREMENTS.
4. ALL EXISTING DEBRIS SHALL BE REMOVED BY CONTRACTOR IN ACCORDANCE WITH MUNICIPAL AND LOCAL UTILITY COMPANY REQUIREMENTS.



DEMOLITION PLAN LEGEND



NO.	DATE	REVISIONS	BY
1	07/29/21	REVISED PER SCD & COUNTY COMMENTS	JD
2	09/10/21	REVISED PER SCD & COUNTY COMMENTS	JD
3	12/20/21	REVISED PER UPDATED LAYOUT	JD
4	02/07/22	REVISED PER SCD COMMENTS	JD
5	03/16/22	NEW REV PER BOROUGH COMMENTS	JD

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

PROJECT: **CSH OLD TAPPAN, LLC**
PROPOSED ASSISTED LIVING FACILITY
BLOCK 1606, LOT 3
244 OLD TAPPAN ROAD
BOROUGH OF OLD TAPPAN, BERGEN COUNTY, NEW JERSEY

DATE: 03/16/22

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PROFESSIONAL ENGINEER
NEW JERSEY LICENSE NO. 36618

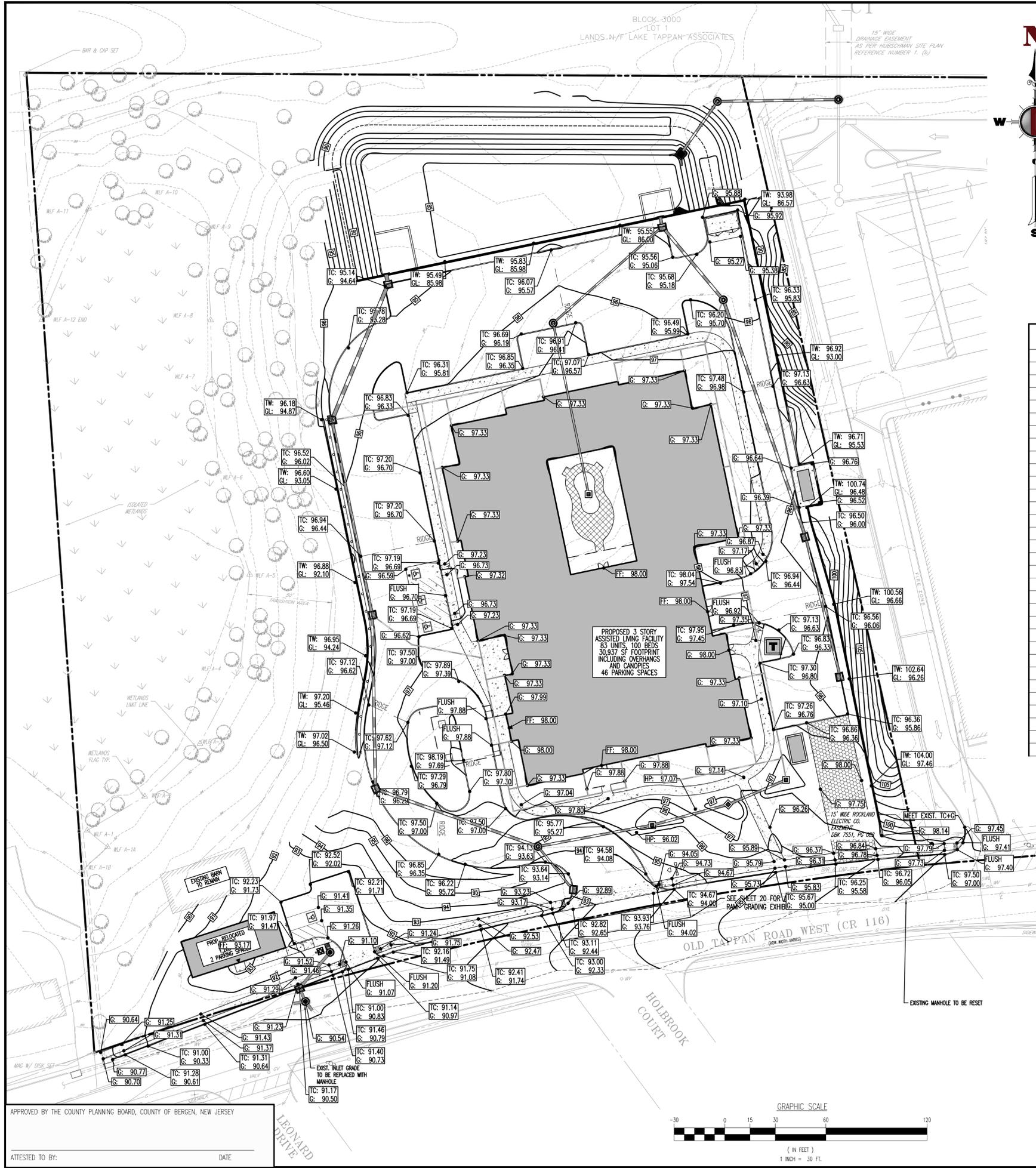
TITLE: **EXISTING CONDITIONS & DEMOLITION PLAN**

SCALE: (H) 1" = 30'
(V) 1" = 30'
DATE: 05/18/2021
PROJECT NO: 1423-99-006

SHEET NO: **4** OF 21

Plotted: 04/06/22 - 10:48 AM, By: jdemartinis
 File: \\despc\local\despc\data\DEPC\PROJECTS\1423 Capitol Seniors Housing\99-006 Old Tappan\Draw\Site Plans\1423990006SR5.dwg, ---> 04 EXISTING CONDITIONS & DEMOLITION PLAN
 COPYRIGHT © 2022 - DYNAMIC ENGINEERING CONSULTANTS, PC - ALL RIGHTS RESERVED

Plotted: 04/06/22 - 10:46 AM, By: jdemartino
 File: \\despical\deciders\data\DEPC PROJ\1423 Capitol Seniors Housing\99-006 Old Tappan\DWG\Site Plans\1423-99-006SSVG.dwg, --- 06 GRADING PLAN



GRADING NOTES

- SITE GRADING SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE RECOMMENDATIONS SET FORTH IN THE SOILS REPORT REFERENCED IN THIS PLAN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND REPLACING ALL SOFT, YIELDING OR UNSUITABLE MATERIALS AND REPLACING WITH SUITABLE MATERIALS AS SPECIFIED IN THE SOILS REPORT. ALL EXCAVATED OR FILLED AREAS SHALL BE COMPACTED TO 95% OF MODIFIED PROCTOR MAXIMUM DENSITY PER A.S.T.M. TEST (D1557) MOISTURE CONTENT AT TIME OF PLACEMENT SHALL NOT EXCEED 2% ABOVE NOR 2% BELOW OPTIMUM. CONTRACTOR SHALL SUBMIT A COMPACTION REPORT PREPARED BY A QUALIFIED SOILS ENGINEER, REGISTERED WITHIN THE STATE WHERE THE WORK IS PERFORMED, VERIFYING THAT ALL FILLED AREAS AND SUBGRADE AREAS WITHIN THE BUILDING FOOTPRINT AND AREAS TO BE PAVED HAVE BEEN COMPACTED IN ACCORDANCE WITH THESE PLANS AND SPECS AND THE RECOMMENDATIONS SET FORTH IN THE SOILS REPORT.
- CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF EXISTING TOPOGRAPHIC INFORMATION AND UTILITY INVERT ELEVATIONS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION. CONTRACTOR TO ENSURE 0.75% MIN. SLOPE AGAINST ALL ISLAND GUTTERS, CURBS AND 1.0% ON ALL CONCRETE SURFACES, AND 1-1/2% MIN. ON ASPHALT TO PREVENT POOLING. ANY DISCREPANCIES THAT MAY AFFECT THE PUBLIC SAFETY OR PROJECT COSTS MUST BE IDENTIFIED TO THE ENGINEER IN WRITING IMMEDIATELY. PROCEEDING WITH CONSTRUCTION WITH DESIGN DISCREPANCIES IS DONE SO AT THE CONTRACTOR'S OWN RISK.
- PROPOSED TOP OF CURB ELEVATIONS ARE GENERALLY 6" ABOVE EXISTING LOCAL ASPHALT GRADE UNLESS OTHERWISE NOTED. FIELD ADJUST TO CREATE A MIN. OF 0.75% GUTTER GRADE ALONG CURB FACE. ENGINEER TO APPROVE FINAL CURBING CUT SHEETS PRIOR TO INSTALLATION.
- SUBBASE MATERIAL FOR SIDEWALKS, CURB, OR ASPHALT SHALL BE FREE OF ORGANICS AND OTHER UNSUITABLE MATERIALS. SHOULD SUBBASE BE DEEMED UNSUITABLE, SUBBASE IS TO BE REMOVED AND FILLED WITH APPROVED FILL MATERIAL, COMPACTED TO 95% OPTIMUM DENSITY (AS DETERMINED BY MODIFIED PROCTOR METHOD).
- REFER TO SITE PLAN FOR ADDITIONAL NOTES.
- IN CASE OF DISCREPANCIES BETWEEN PLANS, THE SITE PLAN WILL SUPERCEDE IN ALL CASES. CONTRACTOR MUST NOTIFY ENGINEER OF RECORD OF ANY CONFLICT IMMEDIATELY.
- MAXIMUM CROSS SLOPE OF 2% ON ALL SIDEWALKS.
- CONTRACTOR TO ENSURE A MAXIMUM OF 2% SLOPE IN ALL DIRECTIONS IN ADA PARKING SPACES AND ADA ACCESS AISLES. CONTRACTOR TO ENSURE A MAXIMUM OF 5% RUNNING SLOPE AND 2% CROSS SLOPE ALONG ALL OTHER PORTIONS OF ACCESSIBLE ROUTE, WITH THE EXCEPTION OF RAMPS AND CURB RAMPS. CONTRACTOR SHALL CLARIFY ANY QUESTIONS CONCERNING CONSTRUCTION IN ADA AREAS WITH THE ENGINEER PRIOR TO THE START OF CONSTRUCTION.
- THE OWNER SHALL RETAIN DYNAMIC ENGINEERING, LLC (908-879-7055), OR AN ALTERNATE QUALIFIED GEOTECHNICAL ENGINEER TO TEST SOIL PERMEABILITY AND PROVIDE CONSTRUCTION PHASE INSPECTIONS OF THE BASIN FILL SOILS AND ALL FILL MATERIALS WITHIN ANY PROPOSED INFILTRATION OR DETENTION BASIN TO COMPARE RESULTS TO DESIGN CRITERIA.
- CONTRACTOR IS TO REMOVE EXISTING UNSUITABLE OR OVERLY COMPACT SOIL OR ROCK AS NEEDED 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.
- CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE OWNER'S GEOTECHNICAL ENGINEER PRIOR TO ONSET OF CONSTRUCTION TO SUBMIT AND CONFIRM THE CONTRACTOR'S PROPOSED METHODS AND MATERIALS AND TO SCHEDULE INSPECTIONS FOR BOTTOM OF BASIN, REMOVAL OF UNSUITABLE SOIL, FILL PLACEMENT, AND FINAL BASIN PERMEABILITY TESTING.
- THE CONTRACTOR IS RESPONSIBLE FOR AS-BUILT PLANS AND GRADE CONTROL UNLESS OTHERWISE ELSEWHERE IN THE CONTRACT DOCUMENTS.

EXISTING AND PROPOSED AVERAGE GRADE TABLE

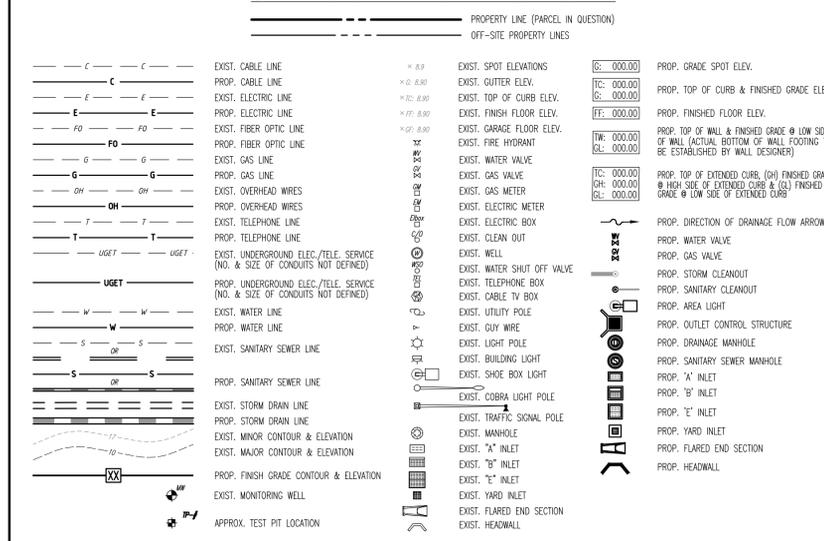
Station	Existing Elevation	Proposed Elevation	2+13.32	108.41	98.00	4+70.00	86.00	97.33	7+20.00	102.05	97.33
0+00.00	102.37	97.33	2+20.00	107.85	98.00	4+80.00	86.00	97.33	7+30.00	102.28	97.33
0+10.00	102.67	97.33	2+32.29	105.83	98.00	4+90.00	86.00	97.33	7+40.00	102.46	97.33
0+20.00	102.87	97.33	2+38.29	104.87	98.00	4+95.00	86.00	97.33	7+42.87	102.40	97.33
0+30.00	103.30	97.00	2+40.00	104.59	98.00	5+00.00	86.00	97.33	7+50.00	102.56	97.33
0+33.86	103.41	98.00	2+40.00	102.90	97.81	5+10.00	86.00	97.33	7+60.00	102.62	97.84
0+36.36	103.47	98.00	2+40.00	100.82	97.53	5+20.28	87.71	97.33	7+65.52	102.62	98.00
0+40.00	103.59	98.00	2+46.85	99.74	97.33	5+33.75	87.56	97.33	7+69.52	102.50	98.00
0+50.00	103.85	98.00	2+50.00	99.85	97.33	5+30.00	88.09	97.33	7+80.00	102.50	98.00
0+60.00	104.07	97.99	2+50.00	99.47	97.33	5+40.00	89.47	97.33	7+85.60	102.50	98.00
0+70.00	107.47	97.98	2+50.00	98.74	97.33	5+50.00	90.85	97.33	7+89.60	102.62	98.00
0+80.00	108.42	97.73	2+53.60	98.65	97.33	5+57.03	91.87	97.33	8+00.00	102.55	97.75
0+90.00	109.35	97.60	3+00.00	97.28	97.33	5+60.00	91.69	97.33	8+10.00	102.45	97.50
1+00.00	109.66	97.47	3+10.00	96.16	97.33	5+70.00	91.09	97.33	8+17.04	102.37	97.33
1+10.86	110.00	97.33	3+20.00	95.53	97.33	5+80.21	90.81	97.33	Average	98.84	97.50
1+12.86	110.00	97.33	3+30.00	95.15	97.33	5+90.00	91.83	97.33			
1+13.73	110.00	97.33	3+40.00	94.98	97.33	6+00.00	91.57	97.33			
1+13.78	110.00	97.33	3+50.00	94.28	97.33	6+10.00	91.21	97.33			
1+20.00	110.00	97.33	3+60.00	93.50	97.33	6+20.00	91.11	97.33			
1+30.00	110.00	97.33	3+70.00	92.84	97.33	6+30.00	91.42	97.33			
1+39.87	110.00	97.33	3+75.91	92.30	97.33	6+34.81	91.56	97.33			
1+50.00	110.00	97.33	3+80.00	93.10	97.33	6+36.81	91.31	97.33			
1+60.00	110.00	97.33	3+85.06	93.33	97.33	6+40.00	91.40	97.33			
1+70.00	110.00	97.33	3+90.00	92.84	97.33	6+50.00	91.69	97.33			
1+75.60	110.00	97.33	4+00.00	92.20	97.33	6+58.38	91.94	97.33			
1+77.60	110.00	97.33	4+07.87	91.94	97.33	6+60.37	92.05	97.33			
1+80.00	110.00	97.44	4+10.00	91.98	97.33	6+70.00	93.25	97.33			
1+90.00	109.48	97.00	4+20.00	91.16	97.33	6+80.00	95.47	97.33			
1+92.24	109.23	96.00	4+30.00	89.63	97.33	6+90.00	96.36	97.33			
1+98.24	108.66	96.00	4+40.00	87.76	97.33	6+98.89	98.85	97.33			
2+00.00	108.49	96.00	4+49.62	86.04	97.33	7+00.00	99.96	97.33			
2+05.32	107.97	96.00	4+49.62	86.00	97.33	7+10.00	101.73	97.33			
2+10.00	108.23	96.00	4+60.00	86.00	97.33	7+14.89	101.77	97.33			

BUILDING HEIGHT CALCULATION

 TOTAL BUILDING HEIGHT = (FINISHED FLOOR ELEVATION - LOWER OF THE EXISTING OR PROPOSED AVERAGE GRADE CALCULATION) + BUILDING HEIGHT FROM FINISHED FLOOR ELEVATION

 THEREFORE:
 (98.00 - 97.50) + 34' = 34.50'

GRADING/UTILITY GRAPHIC LEGEND



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NO.	DATE	REVISIONS
1	07/29/21	REVISED PER SCD & COUNTY COMMENTS
2	09/10/21	REVISED PER SCD & COUNTY COMMENTS
3	12/20/21	REVISED PER UPDATED LAYOUT
4	02/07/22	REVISED PER SCD COMMENTS
5	03/16/22	NEW REV PER BOROUGH COMMENTS

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

DRAWN BY: KHC
 CHECKED BY: KHC/DRL
 DESIGNED BY: DTS
 PROJECT: **CSH OLD TAPPAN, LLC**
 PROPOSED ASSISTED LIVING FACILITY
 BLOCK 3000, LOT 3
 244 OLD TAPPAN ROAD
 BOROUGH OF OLD TAPPAN, BERGEN COUNTY, NEW JERSEY

REV. DATE COMMENTS

DANIEL T. SEHNAL
 PROFESSIONAL ENGINEER
 NEW JERSEY LICENSE NO. 53572

JOSEPH G. JAWORSKI
 PROFESSIONAL ENGINEER
 NEW JERSEY LICENSE NO. 36618

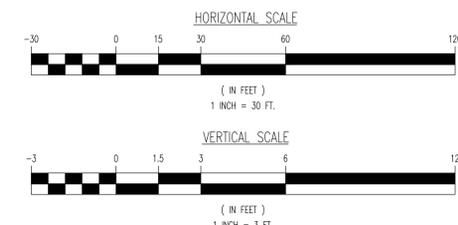
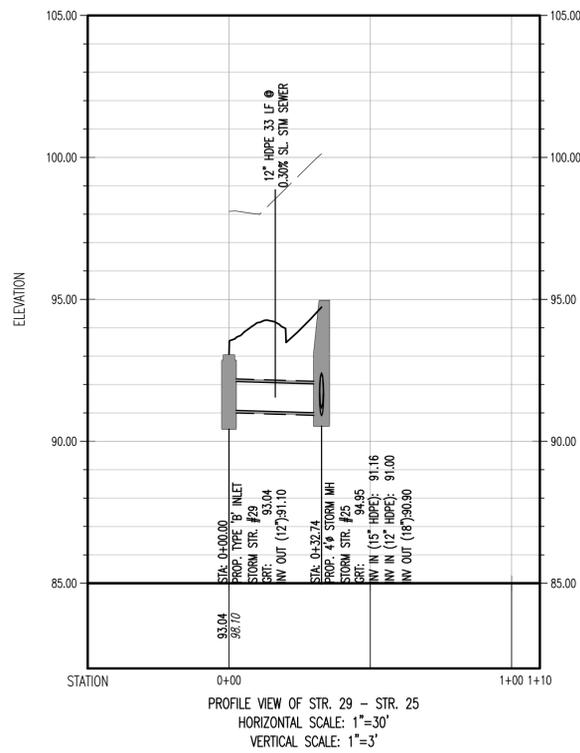
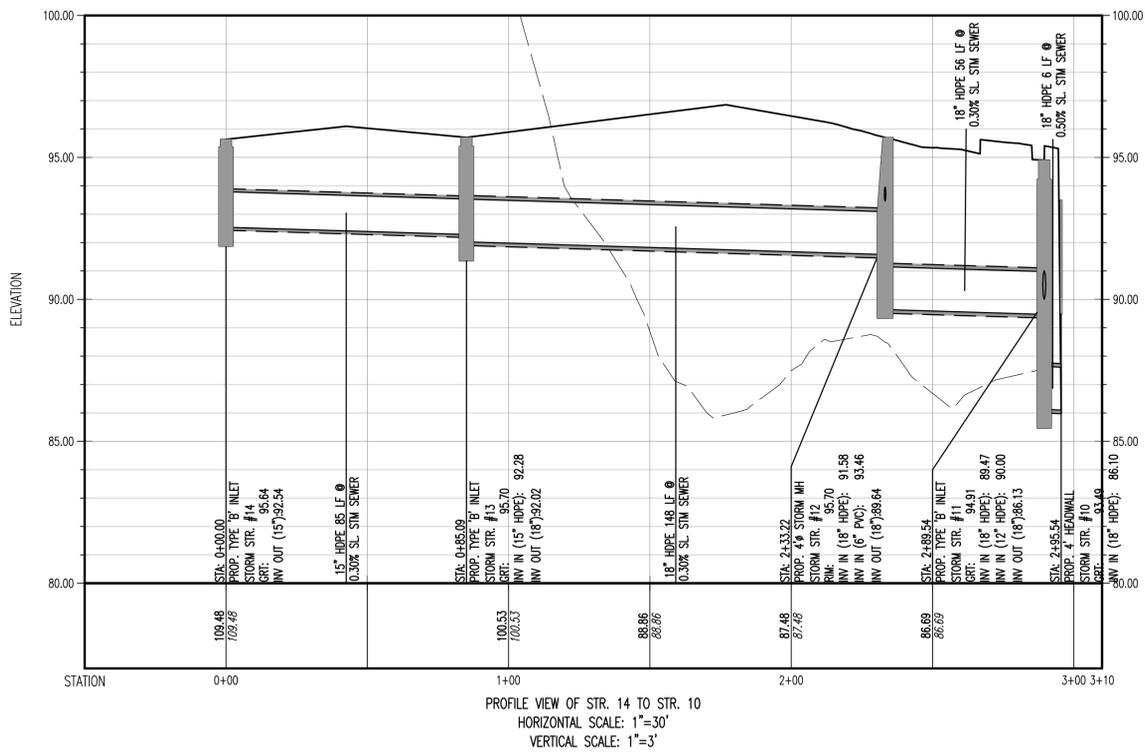
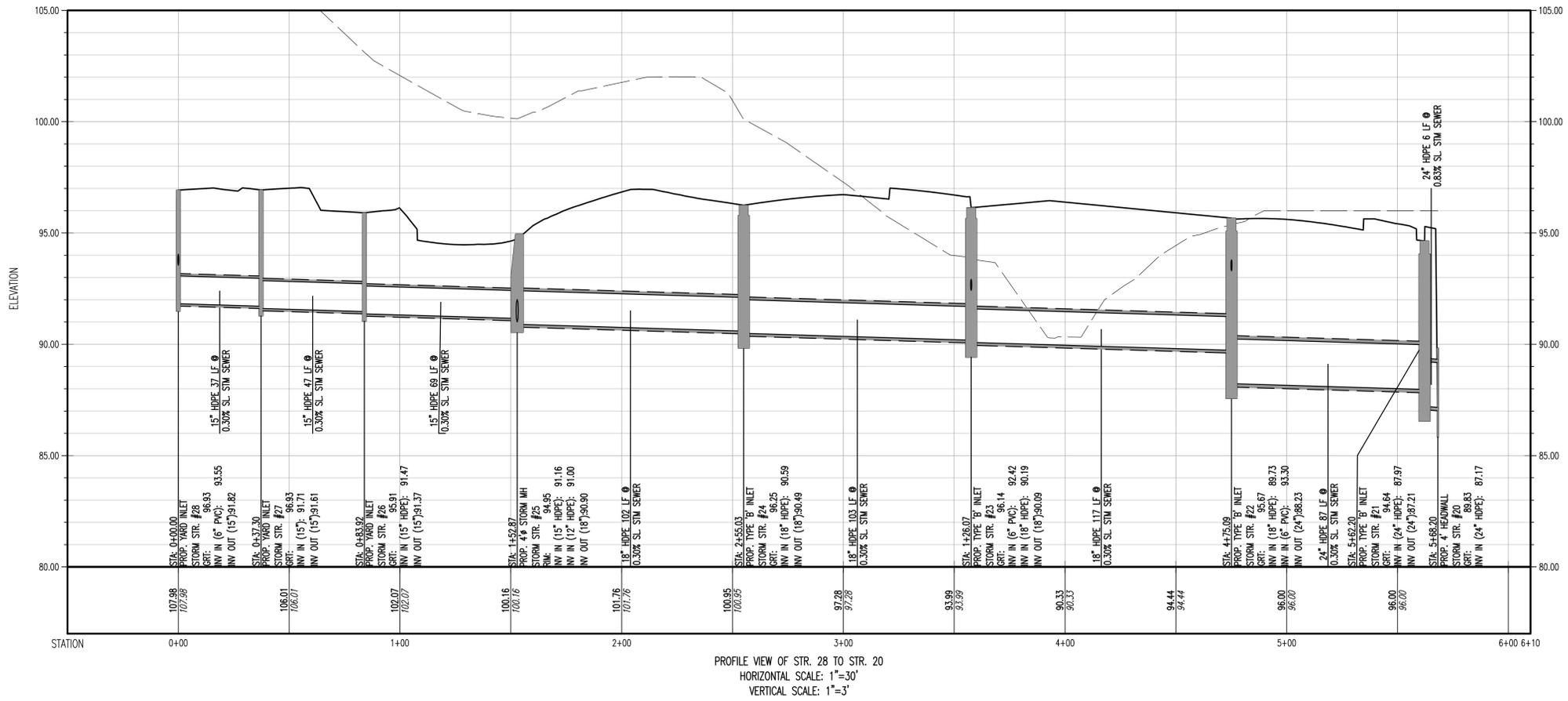
GRADING PLAN

SCALE: (H) 1" = 30'
(V) 1" = 10'

DATE: 05/18/2021

PROJECT NO: 1423-99-006

SHEET NO: **6** OF 21



REV.	DATE	COMMENTS	BY
5	03/16/22	NEW REV PER BOROUGH COMMENTS	JD
4	02/01/22	REVISED PER SCD COMMENTS	JD
3	12/20/21	REVISED PER UPDATED LAYOUT	MS
2	09/10/21	REVISED PER SCD & COUNTY COMMENTS	GL
1	07/29/21	REVISED PER SCD & COUNTY COMMENTS	GL

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OWNER: KHC
 DESIGNER: KHC/DRL
 DTS
 CHECKED BY: []
 PROJECT: CSH OLD TAPPAN, LLC
 PROPOSED ASSISTED LIVING FACILITY
 BLOCK 1606, LOT 3
 244 OLD TAPPAN ROAD
 BOROUGH OF OLD TAPPAN, BERGEN COUNTY, NEW JERSEY

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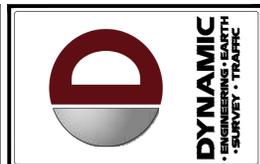
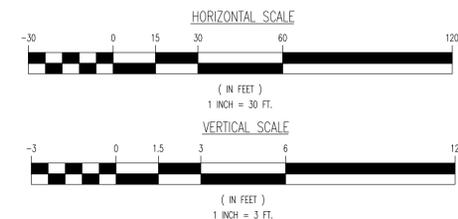
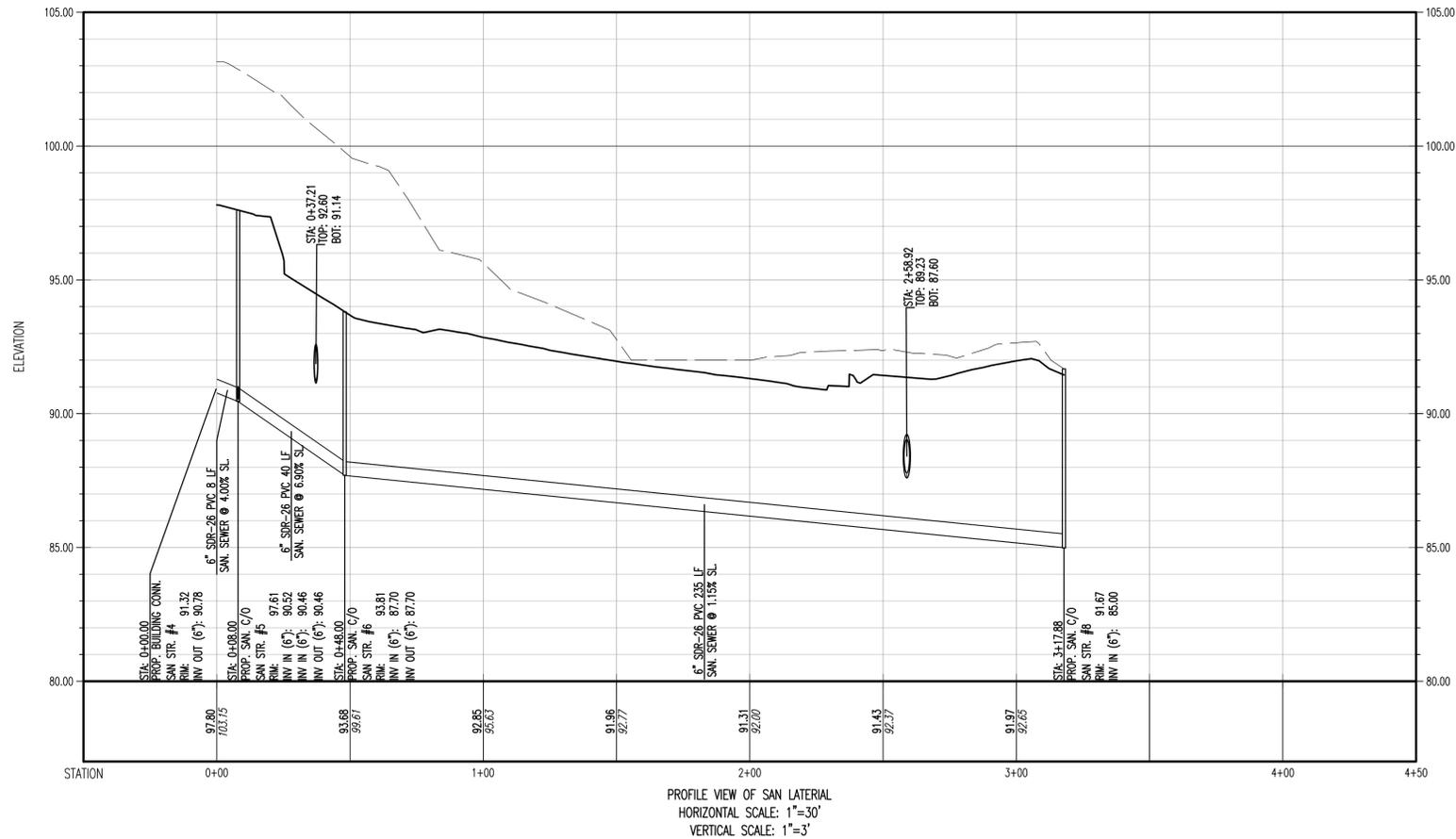
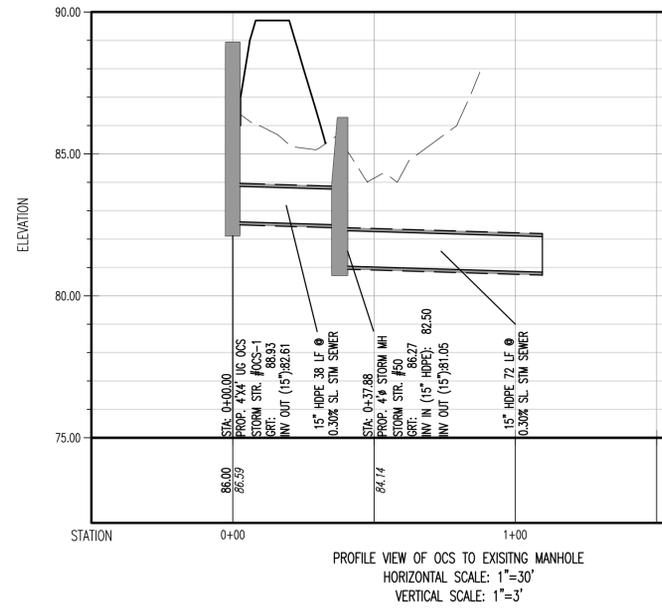
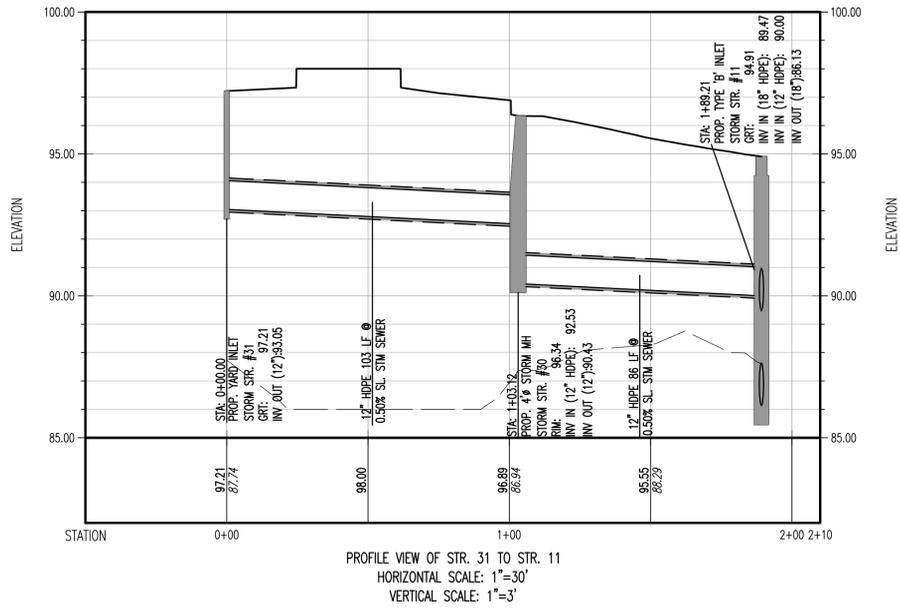
TITLE: **UTILITY PROFILES**

SCALE: (H) 1"=30'
 (V) 1"=3'

DATE: 05/18/2021

PROJECT No: 1423-99-006

SHEET No: **8** Rev. #: []
 OF 21 5



REV.	DATE	COMMENTS	BY
5	03/16/22	NEW REV PER BOROUGH COMMENTS	JD
4	02/07/22	REVISED PER SCD COMMENTS	JD
3	12/20/21	REVISED PER UPDATED LAYOUT	MS
2	09/10/21	REVISED PER SCD & COUNTY COMMENTS	DL
1	07/29/21	REVISED PER SCD & COUNTY COMMENTS	DL

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OWNER: KHC
 DESIGNER: KHC/DRL
 DTS
 CHECKED BY:

PROJECT: **C5H OLD TAPPAN, LLC**
PROPOSED ASSISTED LIVING FACILITY
 BLOCK 1606, LOT 3
 244 OLD TAPPAN ROAD
 BOROUGH OF OLD TAPPAN, BERGEN COUNTY, NEW JERSEY

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JOSEPH G. JAWORSKI
 PROFESSIONAL ENGINEER
 NEW JERSEY LICENSE No. 36618

TITLE: **UTILITY PROFILES**

SCALE: (H) 1"=30'
 (V) 1"=3'
 PROJECT No: 1423-99-006
 DATE: 05/18/2021

SHEET No: **9** Rev. #: 05/21/21

THIS PLAN TO BE UTILIZED FOR SOIL EROSION & SEDIMENT CONTROL PURPOSES ONLY

**BERGEN COUNTY SOIL CONSERVATION DISTRICT
SOIL EROSION & SEDIMENT CONTROL NOTES:**

- ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE INSTALLED IN ACCORDANCE WITH THE STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NEW JERSEY (NJ STANDARDS), AND WILL BE INSTALLED IN PROPER SEQUENCE AND MAINTAINED UNTIL PERMANENT STABILIZATION IS ESTABLISHED.
- ANY DISTURBED AREA THAT WILL BE LEFT EXPOSED FOR MORE THAN THIRTY (30) DAYS AND NOT SUBJECT TO CONSTRUCTION TRAFFIC SHALL IMMEDIATELY RECEIVE A TEMPORARY SEEDING AND MULCHING. IF THE SEASON PROHIBITS TEMPORARY SEEDING, THE DISTURBED AREA WILL BE MULCHED WITH UNROTTED STRAW AT A RATE OF 2 TONS PER ACRE ANCHORED BY APPROVED METHODS (I.E. PEG AND TWINE, MULCH NETTING, OR LIQUID MULCH BINDER).
- IMMEDIATELY FOLLOWING INITIAL DISTURBANCE OR ROUGH GRADING, ALL CRITICAL AREAS SUBJECT TO EROSION WILL RECEIVE A TEMPORARY SEEDING IN COMBINATION WITH STRAW MULCH OR A TREATMENT EQUIVALENT, AT A RATE OF 2 TONS PER ACRE, ACCORDING TO THE NJ STANDARDS.
- STABILIZATION SPECIFICATIONS:
 - TEMPORARY SEEDING AND MULCHING:
 - GROUND LIMESTONE - APPLIED UNIFORMLY ACCORDING TO SOIL TEST RECOMMENDATIONS.
 - FERTILIZER - APPLY 11 LBS. /1,000 SF OF 10-20-10 OR EQUIVALENT WITH 50% WATER INSOLUBLE NITROGEN (UNLESS A SOIL TEST INDICATES OTHERWISE) WORKED INTO THE SOIL A MINIMUM OF 4".
 - SEED - PERENNIAL REGRASS 100 LBS. /ACRE (2.3 LBS. /1,000 SF) OR OTHER APPROVED SEED; PLANT BETWEEN MARCH 1 AND MAY 15 OR BETWEEN AUGUST 15 AND OCTOBER 1.
 - MULCH - UNROTTED STRAW OR HAY AT A RATE OF 70 TO 90 LBS. /1,000 SF APPLIED TO ACHIEVE 95% SOIL SURFACE COVERAGE. MULCH SHALL BE ANCHORED BY APPROVED METHODS (I.E. PEG AND TWINE, MULCH NETTING, OR LIQUID MULCH BINDER).
 - PERMANENT SEEDING AND MULCHING:
 - TOPSOIL - A UNIFORM APPLICATION TO AN AVERAGE DEPTH OF 5", MINIMUM OF 4" FIRMED IN PLACE IS REQUIRED.
 - GROUND LIMESTONE - APPLIED UNIFORMLY ACCORDING TO SOIL TEST RECOMMENDATIONS.
 - FERTILIZER - APPLY 11 LBS. /1,000 SF OF 10-10-10 OR EQUIVALENT WITH 50% WATER INSOLUBLE NITROGEN (UNLESS A SOIL TEST INDICATES OTHERWISE) WORKED INTO THE SOIL A MINIMUM OF 4".
 - SEED - TURF TYPE TALL FESCUE (BLEND OF 3 CULTIVARS) 350 LBS. /ACRE (8 LBS. /1,000 SF) OR OTHER APPROVED SEED; PLANT BETWEEN MARCH 1 AND OCTOBER 1 (SUMMER SEEDING REQUIRES IRRIGATION).
 - MULCH - UNROTTED STRAW OR HAY AT A RATE OF 70 TO 90 LBS. /1,000 SF APPLIED TO ACHIEVE 95% SOIL SURFACE COVERAGE. MULCH SHALL BE ANCHORED BY APPROVED METHODS (I.E. PEG AND TWINE, MULCH NETTING, OR LIQUID MULCH BINDER).
- THE SITE SHALL AT ALL TIMES BE GRADED AND MAINTAINED SUCH THAT ALL STORMWATER RUNOFF IS DIVERTED TO SOIL EROSION AND SEDIMENT CONTROL FACILITIES.
- SOIL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSPECTED AND MAINTAINED ON A REGULAR BASIS, INCLUDING AFTER EVERY STORM EVENT.
- STOCKPILES ARE NOT TO BE LOCATED WITHIN 50' OF A FLOODPLAIN, SLOPE, ROADWAY OR DRAINAGE FACILITY. THE BASE OF ALL STOCKPILES SHALL BE CONTAINED BY A HYDRAULIC SEDIMENT BARRIER OR SILT FENCE.
- A CRUSHED STONE VEHICLE WHEEL-CLEANING BLANKET WILL BE INSTALLED WHEREVER A CONSTRUCTION ACCESS ROAD INTERSECTS ANY PAVED ROADWAY. SAID BLANKET WILL BE COMPOSED OF 1" - 2 1/2" CRUSHED STONE, 6" THICK, WILL BE AT LEAST 30' X 100' AND SHOULD BE UNDERLAIN WITH A SUITABLE SYNTHETIC SEDIMENT FILTER FABRIC AND MAINTAINED.
- MINIMUM SLOPE SLOPES OF ALL EXPOSED SURFACES SHALL NOT EXCEED 3:1 UNLESS OTHERWISE APPROVED BY THE DISTRICT.
- DRIVEWAYS MUST BE STABILIZED WITH 1" - 2 1/2" CRUSHED STONE OR SUBBASE PRIOR TO INDIVIDUAL LOT CONSTRUCTION.
- ALL SOIL WASHED, DROPPED, SPILLED OR TRACKED OUTSIDE THE LIMIT OF DISTURBANCE OR ONTO PUBLIC RIGHT-OF-WAYS, WILL BE REMOVED IMMEDIATELY. PAVED ROADWAYS MUST BE KEPT CLEAN AT ALL TIMES.
- CATCH BASIN INLETS WILL BE PROTECTED WITH AN INLET FILTER DESIGNED IN ACCORDANCE WITH SECTION 28-1 OF THE NJ STANDARDS.
- STORM DRAINAGE OUTLETS WILL BE STABILIZED, AS REQUIRED, BEFORE THE DISCHARGE POINTS BECOME OPERATIONAL.
- DEWATERING OPERATIONS MUST DISCHARGE DIRECTLY INTO A SEDIMENT CONTROL BAG OR OTHER APPROVED FILTER IN ACCORDANCE WITH SECTION 14-1 OF THE NJ STANDARDS.
- DUST SHALL BE CONTROLLED VIA THE APPLICATION OF WATER, CALCIUM CHLORIDE OR OTHER APPROVED METHOD IN ACCORDANCE WITH SECTION 16-1 OF THE NJ STANDARDS.
- TREES TO REMAIN AFTER CONSTRUCTION ARE TO BE PROTECTED WITH A SUITABLE FENCE INSTALLED AT THE DRIP LINE OR BEYOND IN ACCORDANCE WITH SECTION 9-1 OF THE NJ STANDARDS.
- THE PROJECT OWNER SHALL BE RESPONSIBLE FOR ANY EROSION OR SEDIMENTATION THAT MAY OCCUR BELOW STORMWATER OUTFALLS OR OFF-SITE AS A RESULT OF CONSTRUCTION OF THE PROJECT.
- ANY REVISION TO THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLAN MUST BE SUBMITTED TO THE DISTRICT FOR REVIEW AND APPROVAL PRIOR TO IMPLEMENTATION IN THE FIELD.
- A COPY OF THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLAN MUST BE AVAILABLE AT THE PROJECT SITE THROUGHOUT CONSTRUCTION.
- THE BERGEN COUNTY SOIL CONSERVATION DISTRICT MUST BE NOTIFIED, IN WRITING, AT LEAST 48 HOURS PRIOR TO ANY LAND DISTURBANCE: BERGEN COUNTY SCD, 700 KINDERKAMACK ROAD, SUITE 106, ORADELL, NJ 07649; TEL: 201-261-4407; FAX 201-261-7573.
- THE BERGEN COUNTY SOIL CONSERVATION DISTRICT MAY REQUEST ADDITIONAL MEASURES TO MINIMIZE ON OR OFF-SITE EROSION PROBLEMS DURING CONSTRUCTION.
- THE OWNER MUST OBTAIN A DISTRICT ISSUED REPORT OF COMPLIANCE PRIOR TO THE ISSUANCE OF ANY CERTIFICATE OF OCCUPANCY. THE DISTRICT REQUIRES AT LEAST ONE WEEK'S NOTICE TO FACILITATE THE SCHEDULING OF ALL REPORT OF COMPLIANCE INSPECTIONS. ALL SITE WORK MUST BE COMPLETED, INCLUDING TEMPORARY/PERMANENT STABILIZATION OF ALL EXPOSED AREAS, PRIOR TO THE ISSUANCE OF A REPORT OF COMPLIANCE BY THE DISTRICT.

EROSION CONTROL LEGEND

	PROP. LIMIT OF DISTURBANCE LINE
	PROP. SILT FENCE LINE
	PROP. TREE PROTECTION FENCE LINE
	PROP. INLET FILTER
	PROP. HYDRAULIC SEDIMENT BARRIER

Hydrologic Soil Groups

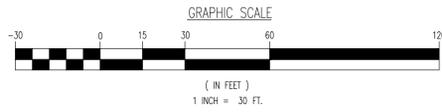
Symbol	Name	Rating	Area (Acres)
DuuB	Dunellen-Urban land complex, 3 to 8 percent slopes	A	1.22
DuuC	Dunellen-Urban land complex, 8 to 15 percent slopes	A	0.19
RkrC	Riverhead sandy loam, 8 to 15 percent slopes	B	4.05

SOIL RESTORATION LEGEND

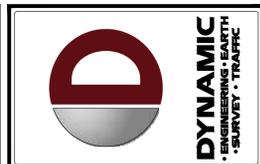
	SOIL COMPACTION TESTING AREAS
	RECOMMENDED SOIL COMPACTION TEST LOCATION (APPROX. 1 TEST/0.5 ACRES)

LIMIT OF DISTURBANCE = 166,002 SF. (3.8 Ac.)

SEE SHEET 11 OF 21 FOR SOIL EROSION DETAILS



Plotted: 04/06/22 - 10:47 AM, By: jdemartini
 File: \\despc\local\despc\despc\DATA\PROJECTS\1423 Capitol Seniors Housing\99-006 Old Tappan\Draw\Site Plans\1423990006SES.dwg, ---> 10 SOIL EROSION & SEDIMENT CONTROL PLAN
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NO.	DATE	REVISIONS	BY
1	07/29/21	REVISED PER SCD & COUNTY COMMENTS	JD
2	09/10/21	REVISED PER SCD & COUNTY COMMENTS	JD
3	02/20/22	REVISED PER UPDATED LAYOUT	JD
4	02/07/22	REVISED PER SCD COMMENTS	JD
5	03/16/22	NEW REV PER BOROUGH COMMENTS	JD

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

PROJECT: **CSH OLD TAPPAN, LLC**
PROPOSED ASSISTED LIVING FACILITY
 BLOCK 1606, LOT 3
 244 OLD TAPPAN ROAD
 BOROUGH OF OLD TAPPAN, BERGEN COUNTY, NEW JERSEY

DESIGNED BY: JD
 CHECKED BY: DTS
 DRAWN BY: JD

811 PROTECT YOURSELF
 ALL STATES REQUIRE NOTIFICATION OF EXCAVATORS, DESIGNERS, OR ANY PERSON PREPARING TO DIGGING THE EARTH'S SURFACE ANYWHERE IN ANY STATE.
 FOR STATE SPECIFIC DIRECT PHONE NUMBERS VISIT: WWW.CALL811.COM

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DANIEL T. SEHNAL
 PROFESSIONAL ENGINEER
 NEW JERSEY LICENSE NO. 53572

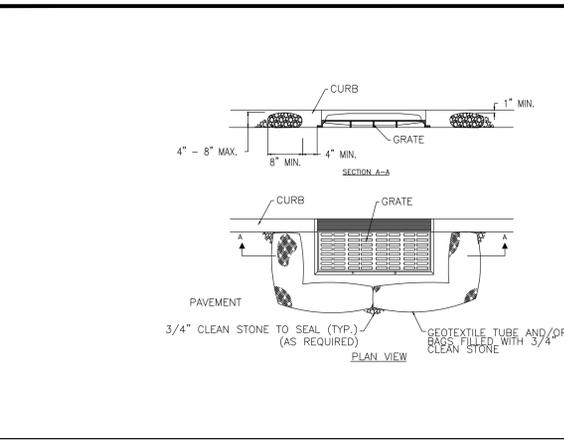
JOSEPH G. JAWORSKI
 PROFESSIONAL ENGINEER
 NEW JERSEY LICENSE NO. 36618

TITLE: **SOIL EROSION & SEDIMENT CONTROL PLAN**

SCALE: (H) 1" = 30'
 (V) DATE: 05/18/2021
 PROJECT No: 1423-99-006

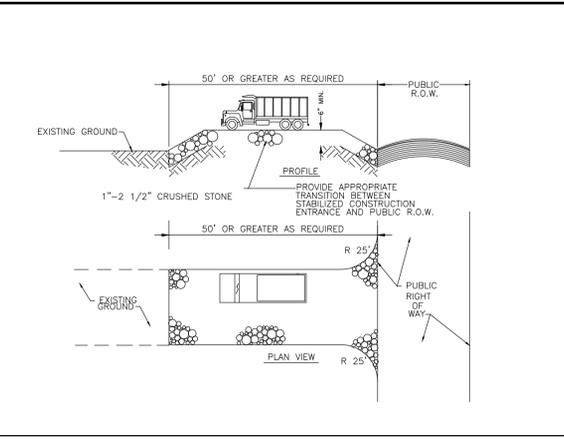
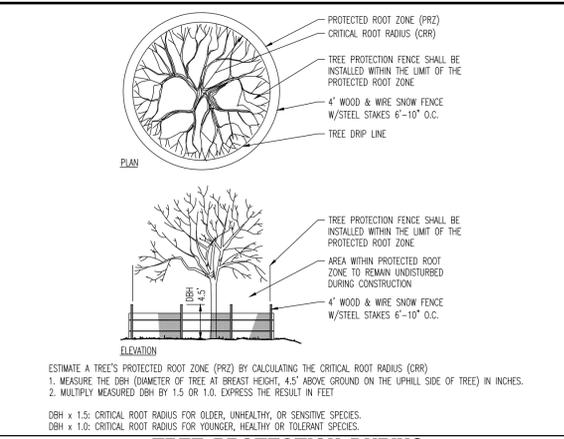
SHEET No: **10** OF 21
 Rev. #: 5

Plotted: 04/06/22 - 10:47 AM, By: jdemartini
 File: \\despcalocal\despcal\Data\DEPC\PROJECTS\1423 Capitol Seniors Housing\99-006 Old Tappan\Draw\Site Plans\142399006SES.dwg, --- 11 SOIL EROSION & SEDIMENT CONTROL DETAILS



- NOTES:**
1. GEOTEXTILE TO BE WOVEN POLYPROPYLENE PRODUCT (E77) BY SYNTHETIC INDUSTRIES INC. OR TERRATEX SC, BY WEBTEC INC., OR APPROVED EQUAL.
 2. 3/4" CLEAN STONE CORE SHALL BE COMPLETELY CONTAINED WITHIN GEOTEXTILE SEAMS SHALL BE SEWN OR CLOSED BY SUITABLE MECHANICAL MEANS TO PREVENT LEAKAGE OF STONE.
 3. WHERE NO CURB IS PRESENT, BARRIER SHALL COMPLETELY ENCIRCLE THE DRAIN INLET.
 4. INLET GRATE OPENING IS TO BE KEPT CLEAR OF OBSTRUCTIONS AT ALL TIMES.
 5. THE PROTECTION DEVICE WILL BE DESIGNED TO CAPTURE OR FILTER RUNOFF FROM THE 1' x 2' x 24" PER SNOW EXIST AND SHALL SAFELY CONVEY HIGHER FLOWS DIRECTLY INTO THE STORM SEWER SYSTEM.
 6. OTHER METHODS THAT ACCOMPLISH THE PURPOSE OF STORM SEWER INLET PROTECTION MAY BE USED IF APPROVED BY THE SOIL CONSERVATION DISTRICT.
 7. INSPECTIONS SHALL BE FREQUENT MAINTENANCE, REPAIR, AND REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED. THE BARRIER SHALL BE REMOVED WHEN THE AREA DRAINING TOWARDS THE INLET HAS BEEN STABILIZED.

INLET FILTER DETAIL
NOT TO SCALE



SOIL DE-COMPACTION AND TESTING REQUIREMENTS
NOT TO SCALE

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 denoted on the plan. A copy of the plan or portion of the plan shall be used to mark locations of tests, and attached to the compaction mitigation verification 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.
4. In the event that testing indicates compaction in excess of the maximum thresholds indicated for the simplified testing methods (see details below), the contractor/owner shall have the option to perform either (1) compaction mitigation over the entire mitigation area denoted on the plan (excluding exempt areas), or (2) perform additional, more detailed testing to establish the limits of excessive compaction whereupon only the excessively compacted areas would require compaction mitigation. Additional detailed testing shall be performed by a trained, licensed professional.

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)

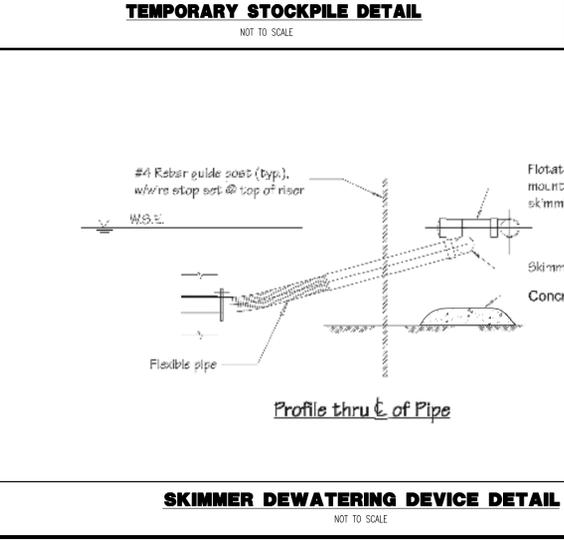
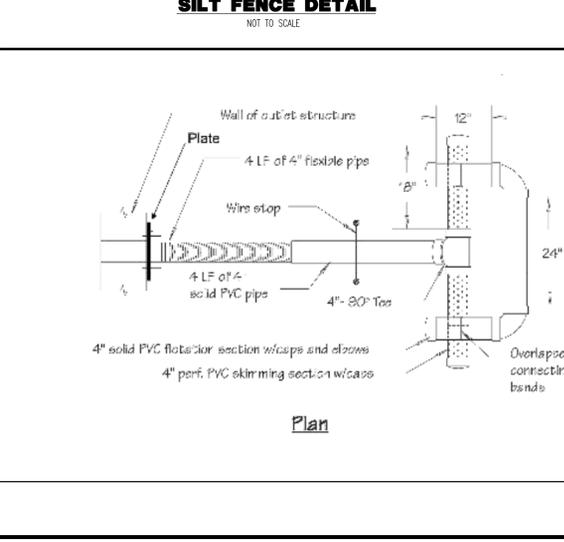
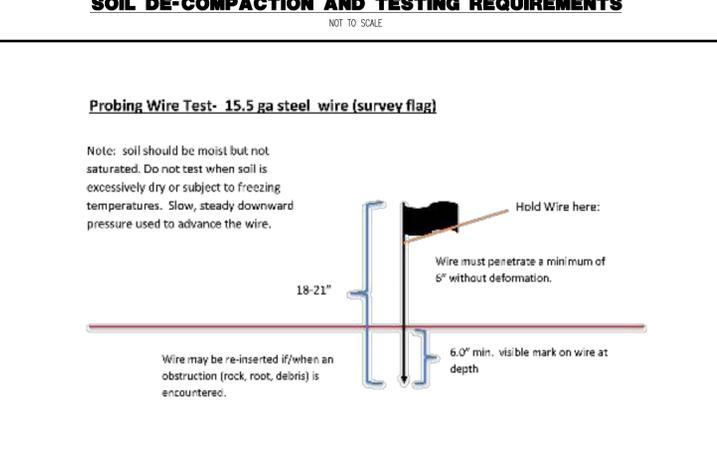
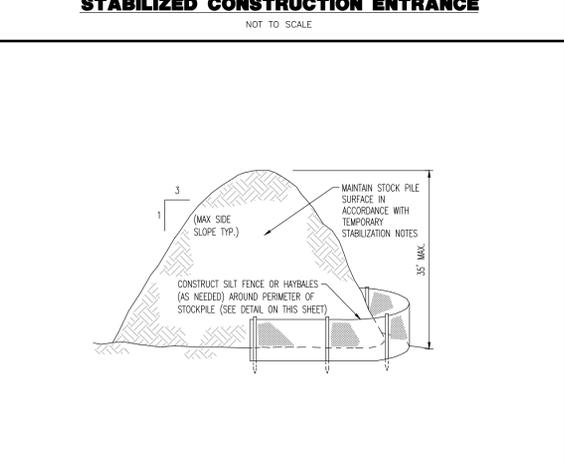
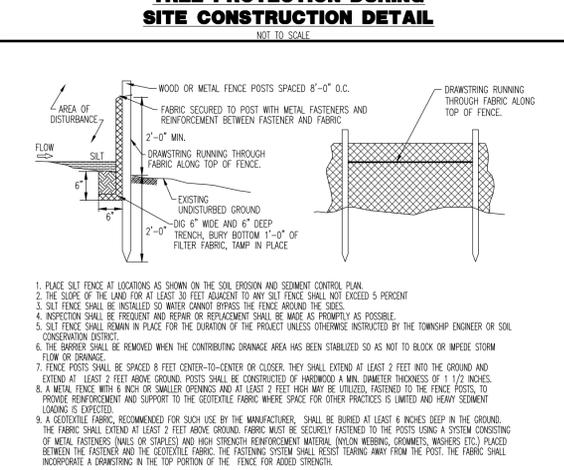
Note: Additional testing methods which conform to ASTM standards and specifications, and which produce a dry weight, soil bulk density measurement may be allowed subject to District approval.

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 maybe substituted subject to District Approval.



Construction Notes:

1. Pipe flotation section shall be solvent welded to ensure an airtight assembly. Contractor to conduct a test to check for leaks prior to installation.
2. Skimmer section shall have (12) rows of 1/2" dia. holes, 1-1/4" on center. If additional filtration is necessary, the filtering media shall consist of a Type GD-II geotextile fabric wrapped around the perforated portion of the skimmer and attached with plastic snap ties, bands, etc.
3. Flexible pipe shall be inserted into solid pipe and fastened with (12) #8 wood screws.
4. At a minimum, the structure shall be inspected after each rain and repairs made as needed. If vandalism is a problem, more frequent inspection may be necessary.
5. Construction operations shall be carried out in such a manner that erosion and water pollution are minimized.
6. The structure shall only be removed when the contributing drainage area has been properly stabilized.

THIS PLAN TO BE UTILIZED FOR SOIL EROSION & SEDIMENT CONTROL PURPOSES ONLY

- SEQUENCE OF CONSTRUCTION:**
- PHASE 1: INSTALL STONE ANTI-TRACKING PAD AND OTHER SOIL EROSION SEDIMENT CONTROL MEASURES INCLUDING DOWN SLOPE PERIMETER HAY BALES, SILT FENCE, & TREE PROTECTION FENCING. (2 DAYS)
 - PHASE 2: DEMOLISH EXISTING BUILDING AND ASSOCIATED LOT IMPROVEMENTS. (1 WEEK)
 - PHASE 3: CLEAR AND ROUGH GRADE FOR NEW BUILDING SITE AND OTHER STRUCTURES REQUIRING EXCAVATION. (2 WEEKS)
 - PHASE 4: EXCAVATE AND INSTALL UNDERGROUND PIPING AND DRAINAGE STRUCTURES. INSTALL INLET FILTERS (2 WEEKS)
 - PHASE 5: EXCAVATE FOR BUILDING FOUNDATION. (1 WEEK)
 - PHASE 6: COMPLETE BUILDING CONSTRUCTION. (20 WEEKS)
 - PHASE 7: EXCAVATE AND INSTALL ON SITE IMPROVEMENTS INCLUDING CURBING, ROOF LEADERS, SIDEWALKS AND LIGHT POLE FOUNDATIONS. (2 WEEKS)
 - PHASE 8: FINAL GRADING ON SITE. REMOVE TREE PROTECTION FENCING. (1 WEEK)
 - PHASE 9: CONDUCT SOIL COMPACTION TESTING AND REMEDIATE SUBSOIL (SCARIFICATION/TILLAGE TO A MINIMUM DEPTH OF 6") IF NECESSARY. (1 DAY)
 - PHASE 10: UNIFORMLY APPLY TOPSOIL TO AN AVERAGE DEPTH OF 6", MINIMUM OF 6", FIRMED IN PLACE. (1 DAY)
 - PHASE 11: CLEAN BASIN BOTTOMS FROM ALL SILT WITH LIGHTWEIGHT EQUIPMENT AND INSTALL SAND LAYER AND FINAL LANDSCAPING. (1 WEEK)
 - PHASE 12: INSTALL PAVING, CONCRETE, AND FINAL VEGETATION INCLUDING SEEDING AND LANDSCAPING. (1 WEEK)
 - PHASE 13: REMOVE SOIL EROSION AND SEDIMENT CONTROL MEASURES ONCE SITE HAS BEEN STABILIZED.

STANDARD FOR DUST CONTROL

DEFINITION - THE CONTROL OF DUST ON CONSTRUCTION SITES AND ROADS.

PURPOSE - TO PREVENT BLOWING AND MOVEMENT OF DUST FROM EXPOSED SOIL SURFACES, REDUCE ON-AND OFF- SITE DAMAGE AND HEALTH HAZARDS, AND IMPROVE TRAFFIC SAFETY.

WHERE APPLICABLE - THE FOLLOWING METHODS SHOULD BE CONSIDERED FOR CONTROLLING DUST:

MULCHES - SEE STANDARDS FOR STABILIZATION WITH MULCHES ONLY

VEGETATIVE COVER - SEE STANDARDS FOR TEMPORARY VEGETATIVE COVER, PERMANENT VEGETATIVE COVER, AND PERMANENT STABILIZATION WITH SOD.

SPRINK-ON ADHESIVES - ON MINERAL SOILS (NOT EFFECTIVE ON MUCK SOILS). KEEP TRAFFIC OFF THESE AREAS.

	WATER DILUTION	TYPE OF NOZZLE	APPLY GALLONS/ACRE
ANIONIC ASPHALT	7:1	COARSE SPRAY	1,200
EMULSION			
LATEX EMULSION	12.5:1	FINE SPRAY	235
RESIN IN WATER	4:1	FINE SPRAY	300

TILLAGE - TO ROUGHEN SURFACE AND BRING CLODS TO THE SURFACE. THIS IS A TEMPORARY EMERGENCY MEASURE WHICH SHOULD BE USED BEFORE SOIL BLOWING STARTS. BEGIN PLOWING ON WINDWARD SIDE OF SITE. CHISEL-TYPE PLOWS SPACED ABOUT 12 INCHES APART, AND SPRING - TOOTHED HARROWS ARE EXAMPLES OF EQUIPMENT WHICH MAY PRODUCE THE DESIRED EFFECT.

SPRINKLING - SITE IS SPRINKLED UNTIL THE SURFACE IS WET.

BARRIERS - SOLID BOARD FENCES, SNOW FENCES, BURLAP FENCES, CRATE WALLS, BALES OF HAY, AND SIMILAR MATERIAL CAN BE USED TO CONTROL AIR CURRENTS AND SOIL BLOWING.

CALCIUM CHLORIDE - SHALL BE IN THE FORM OF LOOSE, DRY GRANULES OR FLAKES FINE ENOUGH TO FEED THROUGH COMMONLY USED SPREADERS AT A RATE THAT WILL KEEP SURFACE MOIST BUT NOT CAUSE POLLUTION OR PLANT DAMAGE. IF USED ON STEEPER SLOPES, THEN USE OTHER PRACTICES TO PREVENT WASHING INTO STREAMS OR ACCUMULATION AROUND PLANTS.

STONE - COVER SURFACE WITH CRUSHED STONE OR COARSE GRAVEL.

STANDARD FOR PERMANENT STABILIZATION WITH SOD

METHODS AND MATERIALS

1. CULTIVATED SOD IS PREFERRED OVER NATIVE OR PASTURE SOD. SPECIFY "CERTIFIED SOD," OR OTHER HIGH QUALITY CULTIVATED SOD.
2. SOD SHOULD BE FREE OF WEEDS AND UNDESIRABLE COARSE WEEDY GRASSES.
3. SOD SHOULD BE OF UNIFORM THICKNESS, APPROXIMATELY 5/8 INCH, PLUS OR MINUS 1/4 INCH, AT TIME OF CUTTING. (EXCLUDES TOP GROWTH.)
4. SOD SHOULD BE VIGOROUS AND DENSE AND BE ABLE TO RETAIN ITS OWN SHAPE AND WEIGHT WHEN SUSPENDED VERTICALLY WITH A FIRM GRASP FROM THE UPPER 10 PERCENT OF THE STRIP. BROKEN PADS OR TORN AND UNEVEN ENDS WILL NOT BE ACCEPTABLE.
5. FOR DRAUGHT SITES, A SOD OF KENTUCKY 31 TALL FESCUE AND BLUEGRASS IS PREFERRED OVER A STRAIGHT BLUEGRASS SOD.
6. ONLY MOIST, FRESH, UNHEATED SOD SHOULD BE USED. SOD SHOULD BE HARVESTED, DELIVERED, AND INSTALLED WITHIN A PERIOD OF 36 HOURS.

I. SITE PREPARATION

- A. GRADE AS NEEDED AND FEASIBLE TO PERMIT THE USE OF CONVENTIONAL EQUIPMENT FOR LIMING, FERTILIZING, AND SOIL PREPARATION. ALL GRADING SHOULD BE DONE IN ACCORDANCE WITH STANDARD FOR LAND GRADING, PAGE 4.11.
- B. INSTALL NEEDED EROSION CONTROL PRACTICES AND FACILITIES, SUCH AS INTERCEPTOR DITCHES, DIKES AND TERRACES, EROSION STOPS, AND DE-SILTING BASINS. SEE STANDARDS 4.2 THROUGH 4.16.

II. SOIL PREPARATION

- A. APPLY LIMESTONE AND FERTILIZER ACCORDING TO SOIL TESTS SUCH AS THOSE OFFERED BY RUTGERS UNIVERSITY SOIL TESTING LABORATORY. SOIL SAMPLE MAILERS ARE AVAILABLE FROM THE LOCAL COOPERATIVE EXTENSION SERVICE OFFICE. IF SOIL TESTING IS NOT FEASIBLE ON SMALL OR VARIABLE SITES, OR WHERE TIMING IS CRITICAL, FERTILIZER MAY BE APPLIED AT THE RATE OF 500 POUNDS PER ACRE OR 11 POUNDS PER 1,000 SQUARE FEET OF 10-10-10 OR EQUIVALENT WITH 50% WATER INSOLUBLE NITROGEN AND INCORPORATED INTO THE SURFACE 4". IN ADDITION, 300 POUNDS 38-0-0 PER ACRE OR EQUIVALENT OF SLOW RELEASE NITROGEN MAY BE USED IN LIEU OF TOP-DRESSING. APPLY LIMESTONE AS FOLLOWS:

SOIL TEXTURE	TONS/ACRE	LB5/1000 SQ. FT
CLAY, CLAY LOAM, AND HIGH ORGANIC SOIL	3	135
SANDY LOAM, LOAM, SILT LOAM	2	90
LOAMY SAND, SAND	1	45

PULVERIZED DOLOMITE LIMESTONE IS PREFERRED FOR MOST SOILS SOUTH OF THE NEW BRUNSWICK-TRENTON LINE.

- B. WORK LINE AND FERTILIZER INTO THE SOIL AS NEARLY AS PRACTICAL TO A DEPTH OF 4 INCHES WITH A DISC, SPRING TOOTH HARROW, OR OTHER SUITABLE EQUIPMENT. THE FINAL HARROWING OR DISCOING OPERATION SHOULD BE ON THE GENERAL CONTOUR. CONTINUE TILLAGE UNTIL A REASONABLY UNIFORM, FINE SEEDBED IS PREPARED.
- C. REMOVE FROM THE SURFACE ALL OBJECTS THAT WOULD PREVENT GOOD SOD TO SOIL CONTACT AND REMOVE ALL OTHER DEBRIS, SUCH AS WIRE, CABLE, TREE ROOTS, PIECES OF CONCRETE, CLODS, LUMPS, OR OTHER UNSUITABLE MATERIAL.
- D. INSPECT SITE JUST BEFORE SEEDING. IF TRAFFIC HAS LEFT THE SOIL COMPACTED, THE AREA MUST BE RE-TILLED AND FIRMED AS ABOVE.

III. SOD PLACEMENT

- A. SOD STRIPS SHOULD BE LAID ON THE CONTOUR, NEVER UP AND DOWN THE SLOPE, STARTING AT THE BOTTOM OF THE SLOPE AND WORKING UP. ON STEEP SLOPES, THE USE OF LADDERS WILL FACILITATE THE WORK AND PREVENT DAMAGE TO THE SOD. DURING PERIODS OF HIGH TEMPERATURE, LIGHTLY IRRIGATE THE SOIL IMMEDIATELY PRIOR TO LAYING THE SOD.
- B. PLACE SOD STRIPS WITH SNUG, EVEN JOINTS THAT ARE STAGGERED. OPEN SPACES INVITE EROSION.
- C. ROLL OR TAMP SOD IMMEDIATELY FOLLOWING PLACEMENT TO INSURE SOLID CONTACT OF ROOT MAT AND SOIL SURFACE. DO NOT OVERLAP SOD. ALL JOINTS SHOULD BE BUTTED TIGHTLY IN ORDER TO PREVENT VOIDS WHICH WOULD CAUSE DRYING OF THE ROOTS.
- D. ON SLOPES GREATER THAN 3 TO 1, SECURE SOD TO SURFACE SOIL WITH WOOD PEGS, WIRE STAPLES, OR SPLIT SHINGLES (8 TO 10 INCHES LONG BY 3/4 INCH WIDE).
- E. SURFACE WATER CANNOT ALWAYS BE DIVERTED FROM FLOWING OVER THE FACE OF THE SLOPE, BUT A CAPPING STRIP OF HEAVY JUTE OR PLASTIC NETTING, PROPERLY SECURED, ALONG THE CROWN OF THE SLOPE AND EDGES WILL PROVIDE EXTRA PROTECTION AGAINST LIFTING AND UNDERCUTTING OF SOD. THE SAME TECHNIQUE CAN BE USED TO ANCHOR SOD IN WATER CARRYING CHANNELS AND OTHER CRITICAL AREAS. WIRE STAPLES MUST BE USED TO ANCHOR NETTING IN CHANNEL WORK.
- F. IMMEDIATELY FOLLOWING INSTALLATION, SOD SHOULD BE WATERED UNTIL MOISTURE PENETRATES THE SOIL LAYER BENEATH SOD TO A DEPTH OF 4 INCHES. MAINTAIN OPTIMUM MOISTURE FOR AT LEAST TWO WEEKS.

IV. TOP-DRESSING

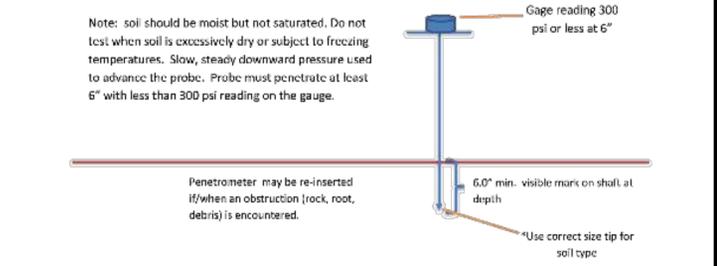
IF SLOW RELEASE NITROGEN IS USED IN ADDITION TO SUGGESTED FERTILIZER, THEN A FOLLOW-UP OF TOP DRESSING IS NOT MANDATORY, EXCEPT WHERE GROSS NITROGEN DEFICIENCY EXISTS IN THE SOIL TO THE EXTENT THAT TURF FAILURE MAY DEVELOP.

TOP-DRESS WITH 10-10-10 OR EQUIVALENT AT 400 POUNDS PER ACRE OR 7 POUNDS PER 1,000 SQUARE FEET EVERY 3 TO 5 WEEKS UNTIL THE GROSS NITROGEN DEFICIENCY IN THE TURF IS AMELIORATED.

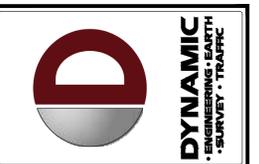
SOIL RESTORATION NOTE

SOIL COMPACTION REMEDIATION WILL NOT BE REQUIRED FOR THIS PROJECT PER EXEMPTIONS #1, #2, #8, AND #10 LISTED WITHIN THE STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NEW JERSEY.

Handheld Soil Penetrometer Test



HANDHELD SOIL PENETROMETER TEST DETAIL
NOT TO SCALE



NO.	DATE	REVISION	BY
1	07/29/21	REVISED PER SCD & COUNTY COMMENTS	JD
2	09/10/21	REVISED PER SCD & COUNTY COMMENTS	JD
3	12/20/21	REVISED PER UPDATED LAYOUT	JD
4	02/07/22	REVISED PER SCD COMMENTS	JD
5	03/16/22	NEW REV PER BOROUGH COMMENTS	JD

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PROJECT: **CSH OLD TAPPAN LLC**
BLOCK 1606, LOT 3
244 OLD TAPPAN ROAD
BOROUGH OF OLD TAPPAN, BERGEN COUNTY, NEW JERSEY

ISSUED BY: JD
DESIGNED BY: JD
CHECKED BY: DTS
DATE: 03/16/22

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PROFESSIONAL ENGINEER
NEW JERSEY LICENSE No. 53572

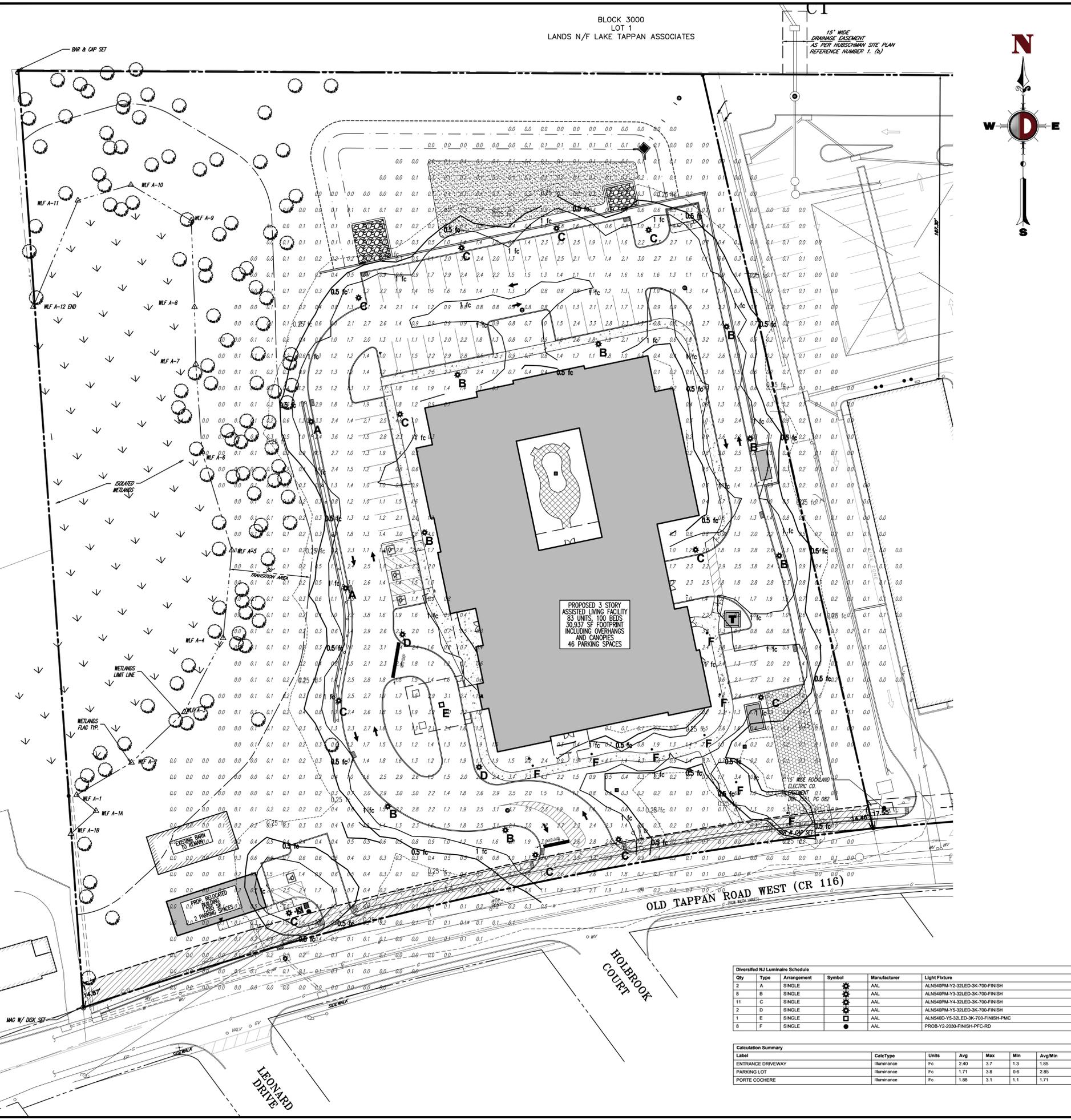
JOSEPH G. JAWORSKI
PROFESSIONAL ENGINEER
NEW JERSEY LICENSE No. 36618

TITLE: **SOIL EROSION & SEDIMENT CONTROL DETAILS**

SCALE: (H) AS SHOWN
DATE: 05/18/2021
PROJECT No: 1423-99-006

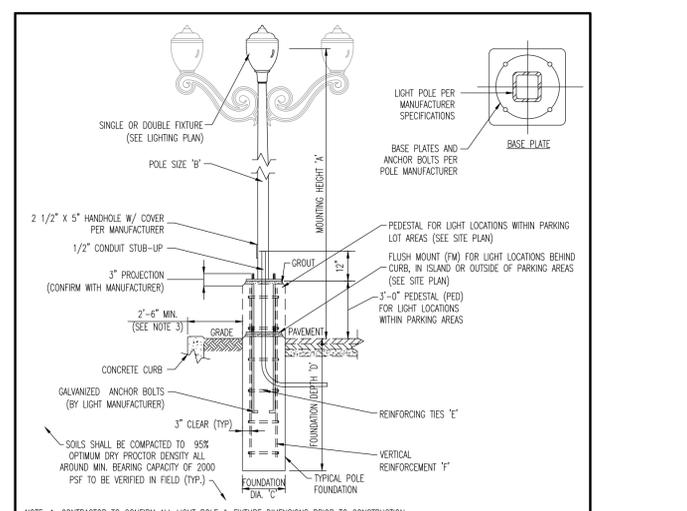
SHEET No: **11** OF 21
Rev. #: 5

Plotted: 04/06/22 - 10:48 AM, By: jdemartino
 File: \\despcalocal\despcalocal\DATA\DEPC PROJ\PROJECTS\1423 Capital Seniors Housing\99-006 Old Tappan\Draw\Site Plans\1423 Lighting Plan.dwg. --> 12 LIGHTING PLAN



THIS PLAN TO BE UTILIZED FOR LIGHTING PURPOSES ONLY

- GENERAL NOTES**
- THIS LIGHTING PLAN ILLUSTRATES ILLUMINATION LEVELS CALCULATED FROM LABORATORY DATA TAKEN UNDER CONTROLLED CONDITIONS IN ACCORDANCE WITH ILLUMINATING ENGINEERING SOCIETY OF NORTH AMERICA (IESNA) APPROVED METHODS. ACTUAL SITE ILLUMINATION LEVELS AND PERFORMANCE OF LUMINAIRES MAY VARY DUE TO VARIATIONS IN WEATHER, ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS, AND OTHER RELATED VARIABLE FIELD CONDITIONS.
 - ALL EXISTING CONDITIONS LIGHTING LEVELS ARE REPRESENTATIVE OF AN APPROXIMATION UTILIZING LABORATORY DATA FOR SIMILAR FIXTURES AND/OR ACTUAL FIELD MEASUREMENTS TAKEN WITH A LIGHT METER. DUE TO FACTORS SUCH AS FIXTURE MAINTENANCE, EQUIPMENT TOLERANCES, WEATHER CONDITIONS, ETC., ACTUAL LIGHTING LEVELS MAY DIFFER AND THE LIGHTING LEVELS DEPICTED ON THIS PLAN SHOULD BE CONSIDERED AS APPROXIMATE.
 - CONDUITS SHALL BE INSTALLED A MINIMUM OF 2 FEET BEHIND GUIDED POSTS.
 - ALL WIRING METHODS AND EQUIPMENT CONSTRUCTION SHALL CONFORM TO THE CURRENT NATIONAL ELECTRICAL CODE.
 - REFER TO ARCHITECTURAL PLANS FOR SITE LIGHTING DIAGRAM.



SOIL NOTES

- FOOTING DESIGN BASED ON ASSUMED MAXIMUM ALLOWABLE SOILS BEARING CAPACITY OF 2000 PSF. CONTRACTOR RESPONSIBLE TO VERIFY ADEQUACY OF ASSUMED BEARING CAPACITY PRIOR TO CONSTRUCTION. ENGINEER TO BE NOTIFIED IF INCONSISTENCIES EXIST.
- SUBGRADE TO BE FREE OF ORGANICS AND BE SUITABLE, COMPACTED MATERIAL.

CONCRETE NOTES

- CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI AT 28 DAYS WITH A MINIMUM CEMENT CONTENT OF 600 POUNDS PER CUBIC YARD FOR ALL FOOTINGS.
- ALL CONCRETE SHALL HAVE A SLUMP OF NO GREATER THAN 4" TO WITHIN A TOLERANCE OF 1".
- ALL EXPOSED CONCRETE SHALL BE AIR-ENTRAINED (WITHIN 1% TOLERANCE), CONFORMING TO ASTM C260.
- REINFORCING FRAMEWORK AND PLACEMENT OF CONCRETE SHALL COMPLY WITH GOOD CONSTRUCTION PRACTICES AND BE IN ACCORDANCE WITH ALL LOCAL GOVERNING CODES AND REGULATIONS AS WELL AS THE ACI AND UNIFORM BUILDING CODE.

LIGHT POLE FOUNDATION SCHEDULE

MOUNTING HEIGHT ABOVE GRADE 'A'	14.5'
POLE DIA. 'B'	6" SQUARE (OR PER MANUFACTURER)
# OF FIXTURES	SINGLE OR DOUBLE
FOUNDATION DIAMETER 'C'	18" DIA. ROUND
FOUNDATION DEPTH 'D'	6'
REINFORCING TIES 'E'	#4 @ 16" O.C.
VERTICAL REINFORCEMENT 'F'	(6) #5 BARS EQUALLY SPACED

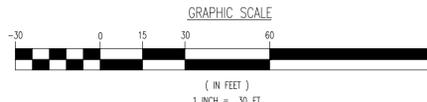
Diversified NJ Luminaire Schedule

Qty	Type	Arrangement	Symbol	Manufacturer	Light Fixture	CCT	Lum. Lumens	LLF	Lum. Watts	Arr. Watts	Pole / Bracket
2	A	SINGLE	☼	AAL	ALNS40PM-Y2-32LED-3K-700-FINISH	3000K	6191	0.950	74.2	74.2	DB1-4R12-125-12-FINISH-BBS-12
8	B	SINGLE	☼	AAL	ALNS40PM-Y3-32LED-3K-700-FINISH	3000K	6143	0.950	74	74	DB1-4R12-125-12-FINISH-BBS-12
11	C	SINGLE	☼	AAL	ALNS40PM-Y4-32LED-3K-700-FINISH	3000K	6120	0.950	74	74	DB1-4R12-125-12-FINISH-BBS-12
2	D	SINGLE	☼	AAL	ALNS40PM-Y5-32LED-3K-700-FINISH	3000K	5639	0.950	73.8	73.8	DB1-4R12-125-12-FINISH-BBS-12
1	E	SINGLE	☼	AAL	ALNS40-Y5-32LED-3K-700-FINISH-PMC	3000K	5639	0.950	73.8	73.8	DB1-4R12-125-12-FINISH-BBS-12
8	F	SINGLE	●	AAL	PROB-Y2-2630-FINISH-PFC-RD	3000K	1792	0.950	25.1	25.1	

Calculation Summary

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
ENTRANCE DRIVEWAY	Illuminance	Fc	2.40	3.7	1.3	1.85	2.85
PARKING LOT	Illuminance	Fc	1.71	3.8	0.8	2.85	6.33
PORTE COCHERE	Illuminance	Fc	1.88	3.1	1.1	1.71	2.82

DIVERSIFIED NJ
 55 LANE ROAD
 FAIRFIELD, NJ 07004
 DESIGNER: MATTHEW STERNER
 PHONE: (908) 907-8462
 EMAIL: MSTERNER@DIVNJ.COM



REV.	DATE	COMMENTS
1	07/29/21	REVISED PER SCD & COUNTY COMMENTS
2	09/10/21	REVISED PER SCD & COUNTY COMMENTS
3	12/20/21	REVISED PER UPDATED LAYOUT
4	02/07/22	REVISED PER SCD COMMENTS
5	03/16/22	NEW REV PER BOROUGH COMMENTS

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DRAWN BY: J.D. CHECKED BY: D.T.S.
 REVISION BY: J.D. CHECKED BY: D.T.S.

PROJECT: CSH OLD TAPPAN, LLC
 PROPOSED ASSISTED LIVING FACILITY
 BLOCK 3000, LOT 3
 244 OLD TAPPAN ROAD
 BOROUGH OF OLD TAPPAN, BERGEN COUNTY, NEW JERSEY

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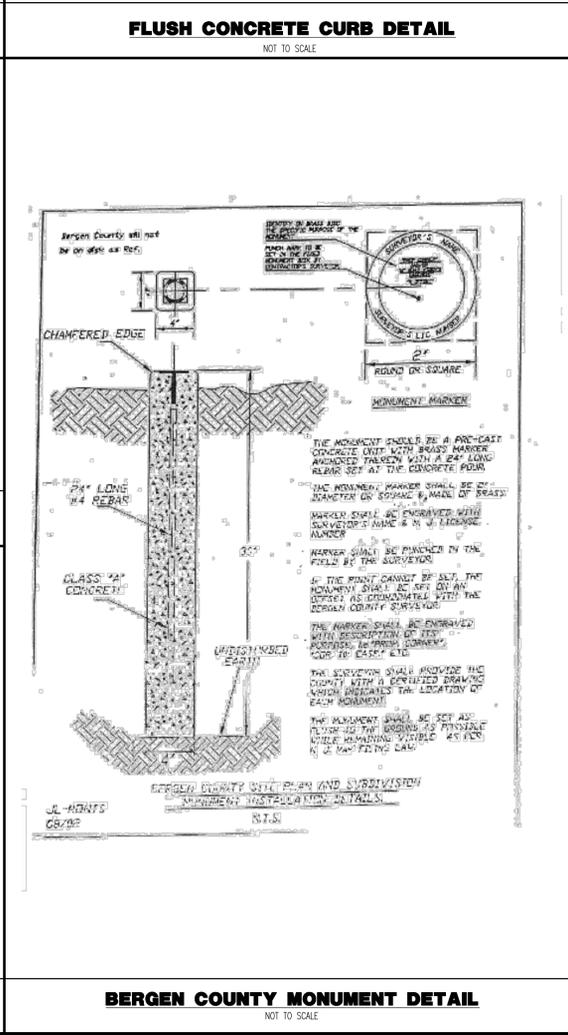
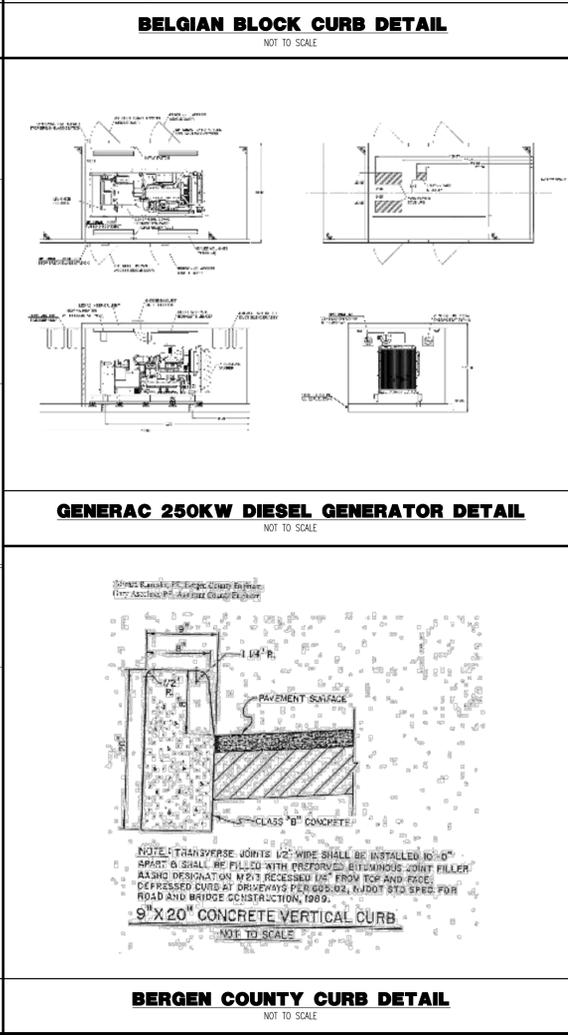
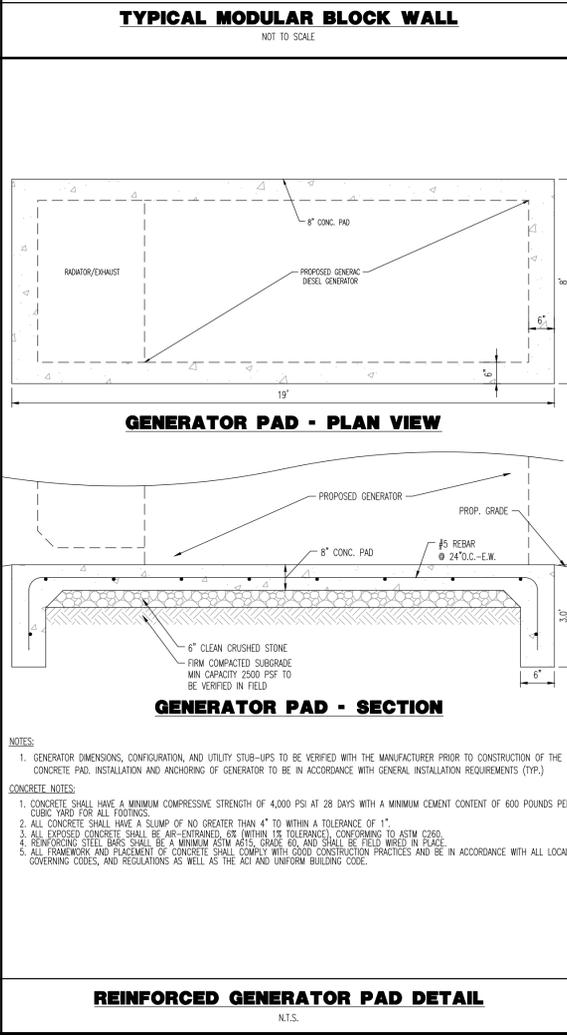
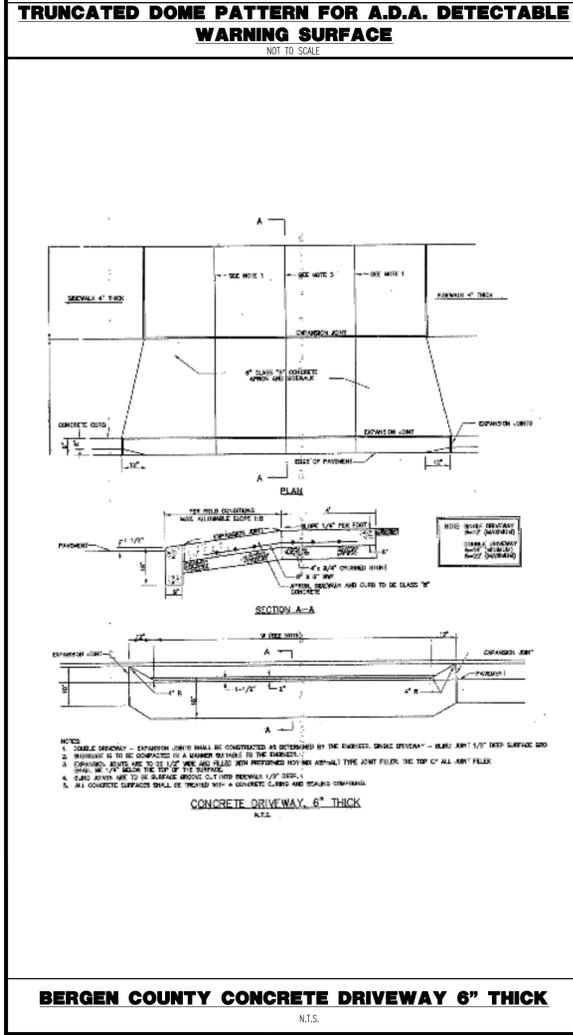
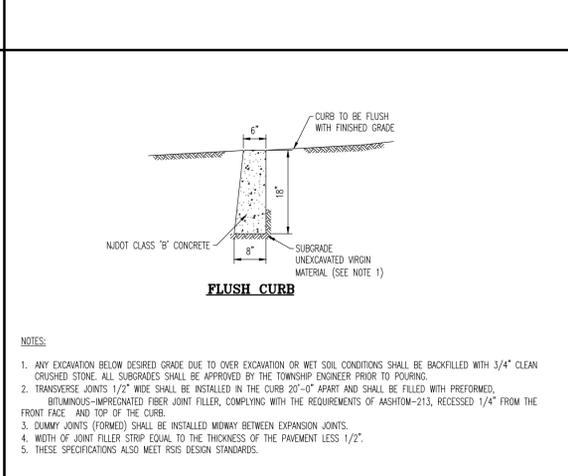
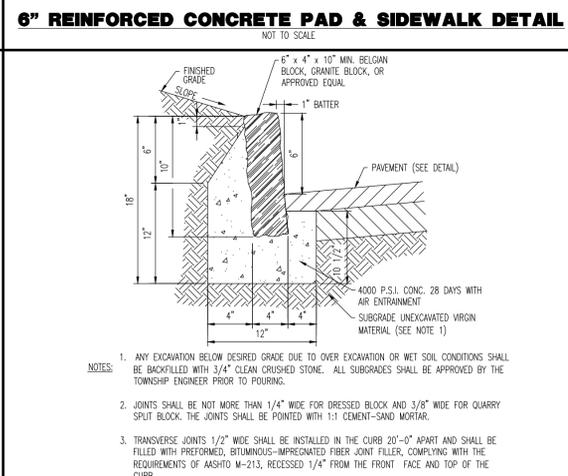
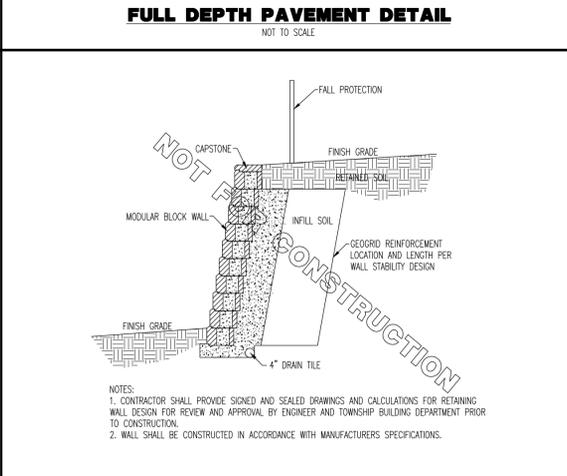
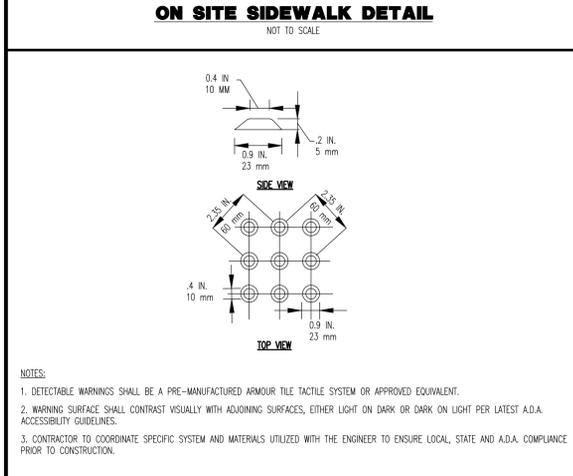
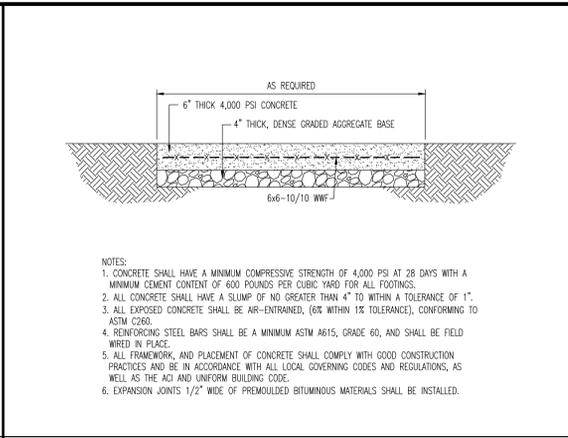
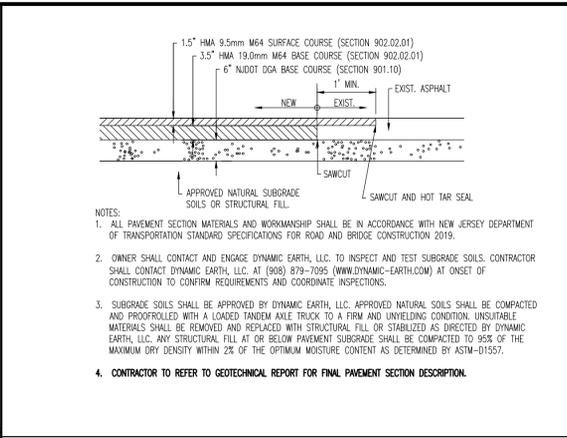
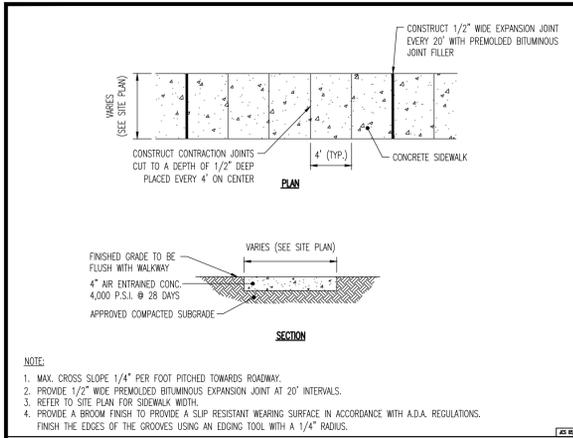
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DANIEL T. SEHNAL
 PROFESSIONAL ENGINEER
 NEW JERSEY LICENSE No. 53572

JOSEPH G. JAWORSKI
 PROFESSIONAL ENGINEER
 NEW JERSEY LICENSE No. 36618

TITLE: LIGHTING PLAN
 SCALE: (H) 1" = 30'
 (V) 1" = 30'
 DATE: 05/18/2021
 PROJECT No: 1423-99-006
 SHEET No: 12 OF 21

Plotted: 04/06/22 - 10:48 AM, By: jdemartini
 File: \\despc\local\deciders\Data\DECPC\PROJECTS\1423 Capitol Seniors Housing\99-006 Old Tappan\Draw\Site Plans\1423990005055.dwg, ---> 13 CONSTRUCTION DETAILS



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NO.	DATE	REV.	DATE	COMMENTS
1	07/29/21			REVISED PER SCD & COUNTY COMMENTS
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3	12/20/21			REVISED PER UPDATED LAYOUT
4	02/01/22			REVISED PER SCD COMMENTS
5	03/16/22			NEW REV PER BOROUGH COMMENTS

PROJECT: **CSH OLD TAPPAN, LLC**
PROPOSED ASSISTED LIVING FACILITY
 BLOCK 1606, LOT 3
 244 OLD TAPPAN ROAD
 BOROUGH OF OLD TAPPAN, BERGEN COUNTY, NEW JERSEY

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DESIGNED BY: []
 CHECKED BY: []
 DRAWN BY: []
 DATE: []

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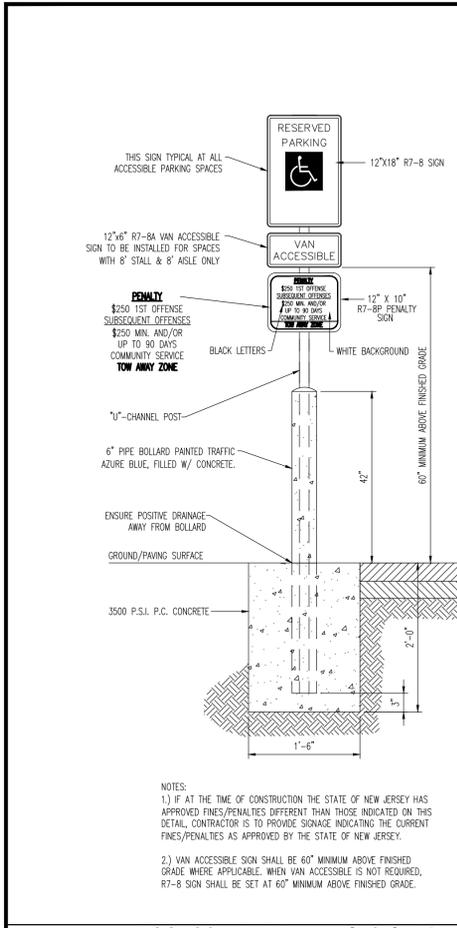
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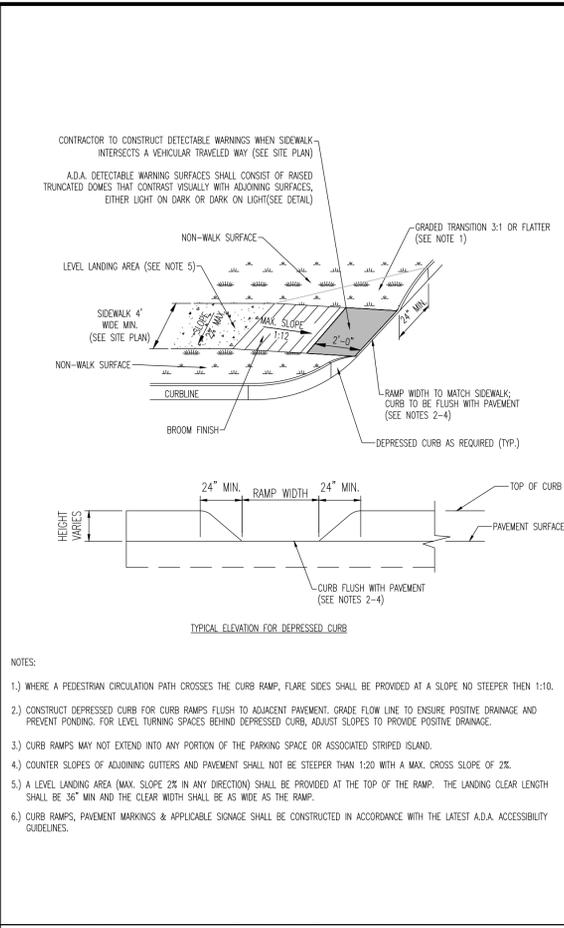
JOSEPH G. JAWORSKI
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 NEW JERSEY LICENSE NO. 36618

TITLE: **CONSTRUCTION DETAILS**

SCALE: (H) AS SHOWN DATE: 05/18/2021
 PROJECT NO: 1423-99-006
 SHEET NO: **13** OF 21



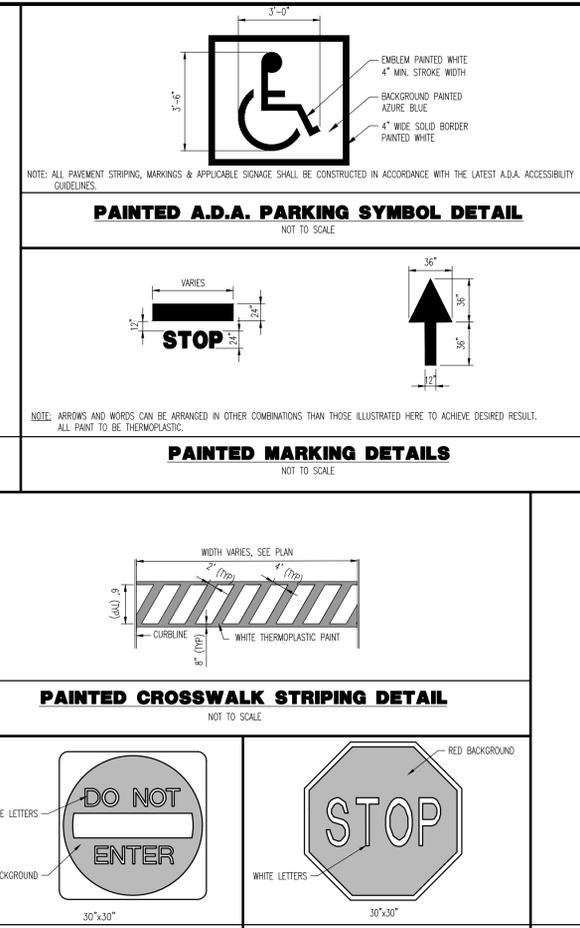
ACCESSIBLE PARKING SIGN ON BOLLARD DETAIL
NOT TO SCALE



A.D.A. PERPENDICULAR CURB RAMP DETAIL
NOT TO SCALE



ACCESSIBLE PARKING SIGN W/ VAN ACCESSIBLE SIGN
NOT TO SCALE

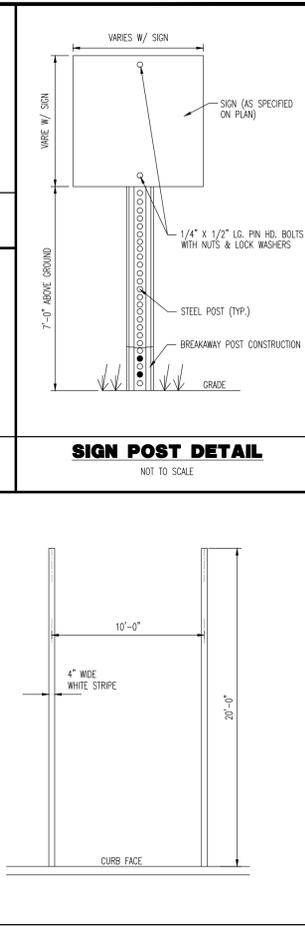


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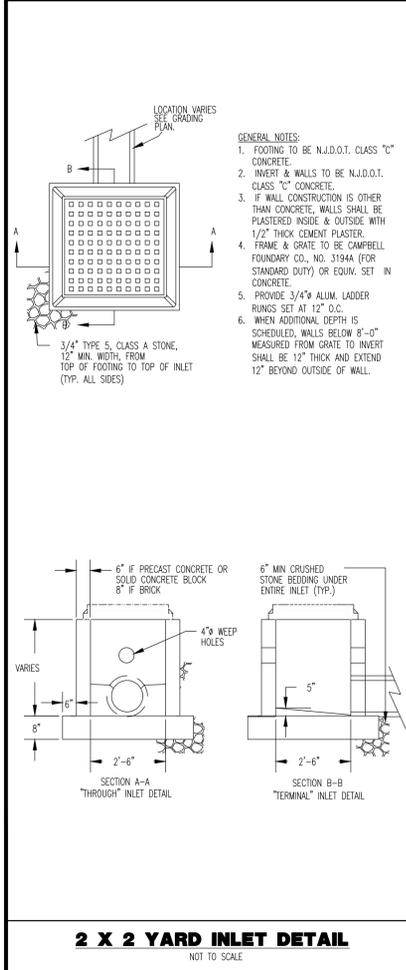
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NOT TO SCALE

R5-1 SIGN DETAIL
NOT TO SCALE

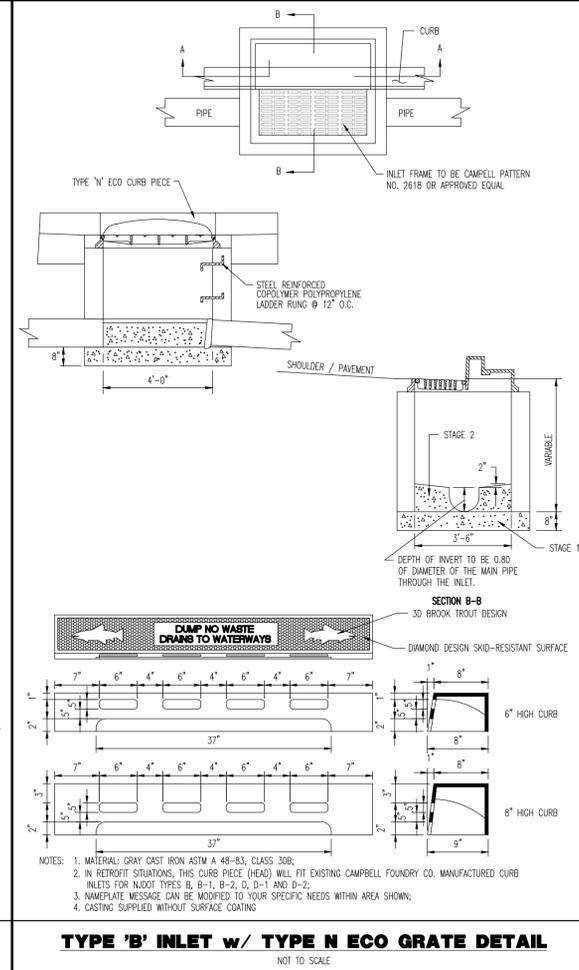
R1-1 SIGN DETAIL
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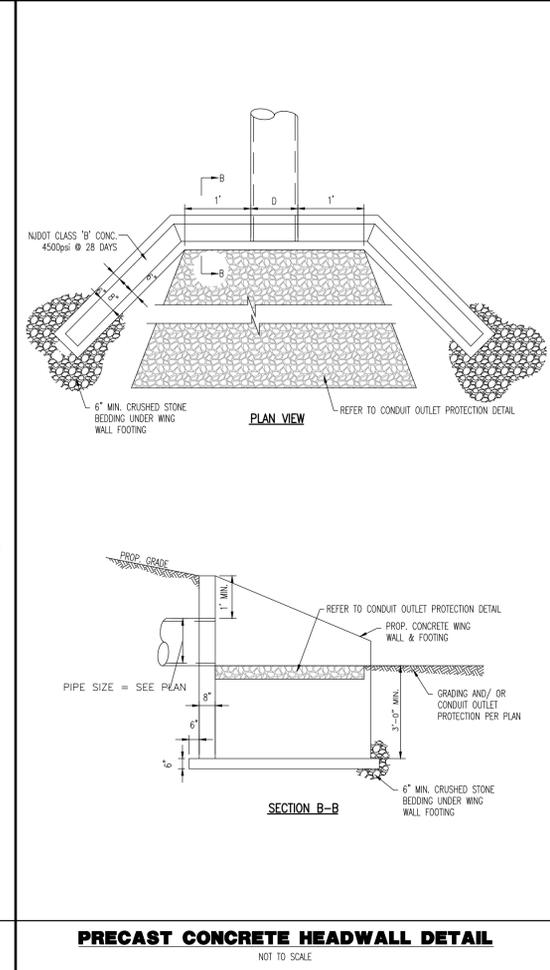
PARKING STALL STRIPING DETAIL
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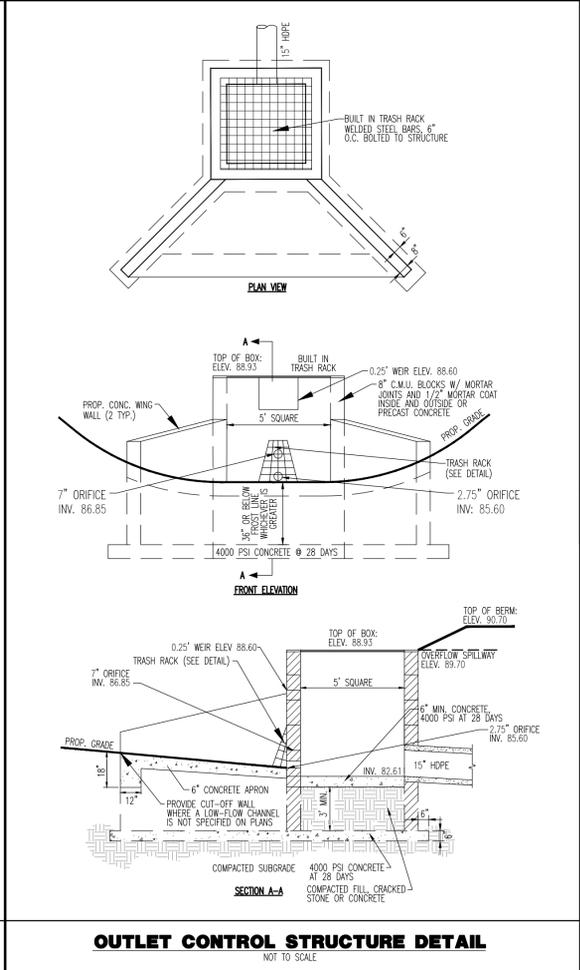
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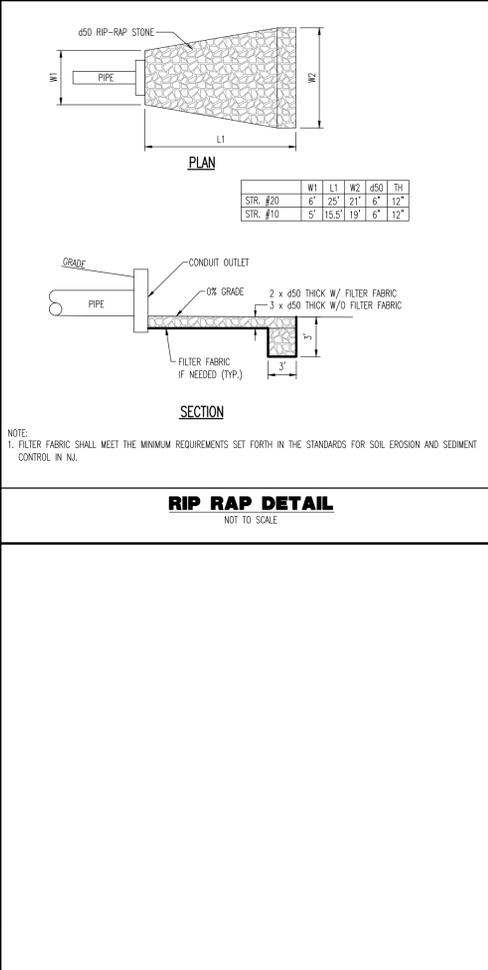
TYPE 'B' INLET w/ TYPE N ECO GRATE DETAIL
NOT TO SCALE



PRECAST CONCRETE HEADWALL DETAIL
NOT TO SCALE



OUTLET CONTROL STRUCTURE DETAIL
NOT TO SCALE



RIP RAP DETAIL
NOT TO SCALE

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JOSEPH G. JAWORSKI

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CONSTRUCTION DETAILS

SCALE: (H) AS SHOWN DATE: 05/18/2021

PROJECT No: 1423-99-006

SHEET No: **14** OF 5

Plotted: 04/06/22 - 10:48 AM, By: jdemartini
 File: \\despcalocal\despcalocal\Data\DECPC\PROJECTS\1423 Capital Senters Housing\99-006 Old Tappan\Draw\Site Plans\142399006S05.dwg, --- 14 CONSTRUCTION DETAILS

ALN540 – Towne Commons LED | TYPE

- Energy Saving LED technology
- 100% LED lighting



1. LUMINAIRE	2. DISTRIBUTION	3. COLOR TEMP.	4. FINISH	5. COLOR	6. OPTIONS	7. CONTROL	8. MOUNTING
--------------	-----------------	----------------	-----------	----------	------------	------------	-------------

1. LUMINAIRE
 LUMEN OUTPUT FOR INCIDENT LIGHT
 DOMINANT WAVELENGTH OF INCIDENT LIGHT

2. DISTRIBUTION
 C1: 0-90°
 C2: 0-180°
 C3: 0-270°
 C4: 360°

3. COLOR TEMPERATURE
 15-18,000 K (Warm White)
 27-30,000 K (Cool White)
 35-50,000 K (Daylight)

4. DRIVER
 LED
 200-240V AC
 50/60Hz

5. COLOR
 R15: 15-18,000 K
 R27: 27-30,000 K
 R35: 35,000 K
 R50: 50,000 K

6. OPTIONS
 O1: 0-90°
 O2: 0-180°
 O3: 0-270°
 O4: 360°

7. CONTROL
 C1: On/Off
 C2: On/Off
 C3: On/Off
 C4: On/Off

8. MOUNTING
 M1: 15-18,000 K
 M2: 27-30,000 K
 M3: 35,000 K
 M4: 50,000 K

9. SPECIFICATIONS
 LUMENS PER HOUR
 LUMENS PER HOUR
 LUMENS PER HOUR
 LUMENS PER HOUR

ALN540 – Towne Commons LED | TYPE

- Energy Saving LED technology
- 100% LED lighting



1. LUMINAIRE	2. DISTRIBUTION	3. COLOR TEMP.	4. FINISH	5. COLOR	6. OPTIONS	7. CONTROL	8. MOUNTING
--------------	-----------------	----------------	-----------	----------	------------	------------	-------------

1. LUMINAIRE
 LUMEN OUTPUT FOR INCIDENT LIGHT
 DOMINANT WAVELENGTH OF INCIDENT LIGHT

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 C1: 0-90°
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 200-240V AC
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 R15: 15-18,000 K
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 C3: On/Off
 C4: On/Off

8. MOUNTING
 M1: 15-18,000 K
 M2: 27-30,000 K
 M3: 35,000 K
 M4: 50,000 K

9. SPECIFICATIONS
 LUMENS PER HOUR
 LUMENS PER HOUR
 LUMENS PER HOUR
 LUMENS PER HOUR

DB1 – Decorative Pole | TYPE

4" ROUND (RD) & FLUTED (FL) DECORATIVE BASE

1. RAGE	2. POLICE	3. 0.6M	4. 0.9M	5. 1.2M	6. 1.5M	7. 1.8M	8. 2.1M	9. 2.4M	10. 2.7M	11. 3.0M	12. 3.3M	13. 3.6M	14. 3.9M	15. 4.2M	16. 4.5M	17. 4.8M	18. 5.1M	19. 5.4M	20. 5.7M	21. 6.0M	22. 6.3M	23. 6.6M	24. 6.9M	25. 7.2M	26. 7.5M	27. 7.8M	28. 8.1M	29. 8.4M	30. 8.7M	31. 9.0M	32. 9.3M	33. 9.6M	34. 9.9M	35. 10.2M	36. 10.5M	37. 10.8M	38. 11.1M	39. 11.4M	40. 11.7M	41. 12.0M	42. 12.3M	43. 12.6M	44. 12.9M	45. 13.2M	46. 13.5M	47. 13.8M	48. 14.1M	49. 14.4M	50. 14.7M	51. 15.0M	52. 15.3M	53. 15.6M	54. 15.9M	55. 16.2M	56. 16.5M	57. 16.8M	58. 17.1M	59. 17.4M	60. 17.7M	61. 18.0M	62. 18.3M	63. 18.6M	64. 18.9M	65. 19.2M	66. 19.5M	67. 19.8M	68. 20.1M	69. 20.4M	70. 20.7M	71. 21.0M	72. 21.3M	73. 21.6M	74. 21.9M	75. 22.2M	76. 22.5M	77. 22.8M	78. 23.1M	79. 23.4M	80. 23.7M	81. 24.0M	82. 24.3M	83. 24.6M	84. 24.9M	85. 25.2M	86. 25.5M	87. 25.8M	88. 26.1M	89. 26.4M	90. 26.7M	91. 27.0M	92. 27.3M	93. 27.6M	94. 27.9M	95. 28.2M	96. 28.5M	97. 28.8M	98. 29.1M	99. 29.4M	100. 29.7M	101. 30.0M	102. 30.3M	103. 30.6M	104. 30.9M	105. 31.2M	106. 31.5M	107. 31.8M	108. 32.1M	109. 32.4M	110. 32.7M	111. 33.0M	112. 33.3M	113. 33.6M	114. 33.9M	115. 34.2M	116. 34.5M	117. 34.8M	118. 35.1M	119. 35.4M	120. 35.7M	121. 36.0M	122. 36.3M	123. 36.6M	124. 36.9M	125. 37.2M	126. 37.5M	127. 37.8M	128. 38.1M	129. 38.4M	130. 38.7M	131. 39.0M	132. 39.3M	133. 39.6M	134. 39.9M	135. 40.2M	136. 40.5M	137. 40.8M	138. 41.1M	139. 41.4M	140. 41.7M	141. 42.0M	142. 42.3M	143. 42.6M	144. 42.9M	145. 43.2M	146. 43.5M	147. 43.8M	148. 44.1M	149. 44.4M	150. 44.7M	151. 45.0M	152. 45.3M	153. 45.6M	154. 45.9M	155. 46.2M	156. 46.5M	157. 46.8M	158. 47.1M	159. 47.4M	160. 47.7M	161. 48.0M	162. 48.3M	163. 48.6M	164. 48.9M	165. 49.2M	166. 49.5M	167. 49.8M	168. 50.1M	169. 50.4M	170. 50.7M	171. 51.0M	172. 51.3M	173. 51.6M	174. 51.9M	175. 52.2M	176. 52.5M	177. 52.8M	178. 53.1M	179. 53.4M	180. 53.7M	181. 54.0M	182. 54.3M	183. 54.6M	184. 54.9M	185. 55.2M	186. 55.5M	187. 55.8M	188. 56.1M	189. 56.4M	190. 56.7M	191. 57.0M	192. 57.3M	193. 57.6M	194. 57.9M	195. 58.2M	196. 58.5M	197. 58.8M	198. 59.1M	199. 59.4M	200. 59.7M
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1. RAGE 2. POLICE 3. 0.6M 4. 0.9M 5. 1.2M 6. 1.5M 7. 1.8M 8. 2.1M 9. 2.4M 10. 2.7M 11. 3.0M 12. 3.3M 13. 3.6M 14. 3.9M 15. 4.2M 16. 4.5M 17. 4.8M 18. 5.1M 19. 5.4M 20. 5.7M 21. 6.0M 22. 6.3M 23. 6.6M 24. 6.9M 25. 7.2M 26. 7.5M 27. 7.8M 28. 8.1M 29. 8.4M 30. 8.7M 31. 9.0M 32. 9.3M 33. 9.6M 34. 9.9M 35. 10.2M 36. 10.5M 37. 10.8M 38. 11.1M 39. 11.4M 40. 11.7M 41. 12.0M 42. 12.3M 43. 12.6M 44. 12.9M 45. 13.2M 46. 13.5M 47. 13.8M 48. 14.1M 49. 14.4M 50. 14.7M 51. 15.0M 52. 15.3M 53. 15.6M 54. 15.9M 55. 16.2M 56. 16.5M 57. 16.8M 58. 17.1M 59. 17.4M 60. 17.7M 61. 18.0M 62. 18.3M 63. 18.6M 64. 18.9M 65. 19.2M 66. 19.5M 67. 19.8M 68. 20.1M 69. 20.4M 70. 20.7M 71. 21.0M 72. 21.3M 73. 21.6M 74. 21.9M 75. 22.2M 76. 22.5M 77. 22.8M 78. 23.1M 79. 23.4M 80. 23.7M 81. 24.0M 82. 24.3M 83. 24.6M 84. 24.9M 85. 25.2M 86. 25.5M 87. 25.8M 88. 26.1M 89. 26.4M 90. 26.7M 91. 27.0M 92. 27.3M 93. 27.6M 94. 27.9M 95. 28.2M 96. 28.5M 97. 28.8M 98. 29.1M 99. 29.4M 100. 29.7M 101. 30.0M 102. 30.3M 103. 30.6M 104. 30.9M 105. 31.2M 106. 31.5M 107. 31.8M 108. 32.1M 109. 32.4M 110. 32.7M 111. 33.0M 112. 33.3M 113. 33.6M 114. 33.9M 115. 34.2M 116. 34.5M 117. 34.8M 118. 35.1M 119. 35.4M 120. 35.7M 121. 36.0M 122. 36.3M 123. 36.6M 124. 36.9M 125. 37.2M 126. 37.5M 127. 37.8M 128. 38.1M 129. 38.4M 130. 38.7M 131. 39.0M 132. 39.3M 133. 39.6M 134. 39.9M 135. 40.2M 136. 40.5M 137. 40.8M 138. 41.1M 139. 41.4M 140. 41.7M 141. 42.0M 142. 42.3M 143. 42.6M 144. 42.9M 145. 43.2M 146. 43.5M 147. 43.8M 148. 44.1M 149. 44.4M 150. 44.7M 151. 45.0M 152. 45.3M 153. 45.6M 154. 45.9M 155. 46.2M 156. 46.5M 157. 46.8M 158. 47.1M 159. 47.4M 160. 47.7M 161. 48.0M 162. 48.3M 163. 48.6M 164. 48.9M 165. 49.2M 166. 49.5M 167. 49.8M 168. 50.1M 169. 50.4M 170. 50.7M 171. 51.0M 172. 51.3M 173. 51.6M 174. 51.9M 175. 52.2M 176. 52.5M 177. 52.8M 178. 53.1M 179. 53.4M 180. 53.7M 181. 54.0M 182. 54.3M 183. 54.6M 184. 54.9M 185. 55.2M 186. 55.5M 187. 55.8M 188. 56.1M 189. 56.4M 190. 56.7M 191. 57.0M 192. 57.3M 193. 57.6M 194. 57.9M 195. 58.2M 196. 58.5M 197. 58.8M 198. 59.1M 199. 59.4M 200. 59.7M

2. COLOR
 C1: 0-90°
 C2: 0-180°
 C3: 0-270°
 C4: 360°

3. OPTIONS / ACCESSORIES
 O1: 0-90°
 O2: 0-180°
 O3: 0-270°
 O4: 360°

4. FINISH
 F1: 15-18,000 K
 F2: 27-30,000 K
 F3: 35,000 K
 F4: 50,000 K

5. COLOR
 R15: 15-18,000 K
 R27: 27-30,000 K
 R35: 35,000 K
 R50: 50,000 K

6. MOUNTING
 M1: 15-18,000 K
 M2: 27-30,000 K
 M3: 35,000 K
 M4: 50,000 K

7. CONTROL
 C1: On/Off
 C2: On/Off
 C3: On/Off
 C4: On/Off

8. SPECIFICATIONS
 LUMENS PER HOUR
 LUMENS PER HOUR
 LUMENS PER HOUR
 LUMENS PER HOUR

9. ORDERING INFORMATION
 O1: 0-90°
 O2: 0-180°
 O3: 0-270°
 O4: 360°

10. NOTES
 N1: 15-18,000 K
 N2: 27-30,000 K
 N3: 35,000 K
 N4: 50,000 K

11. CONTACT INFORMATION
 I1: 15-18,000 K
 I2: 27-30,000 K
 I3: 35,000 K
 I4: 50,000 K

12. PROJECT INFORMATION
 P1: 15-18,000 K
 P2: 27-30,000 K
 P3: 35,000 K
 P4: 50,000 K

13. DRAWING INFORMATION
 D1: 15-18,000 K
 D2: 27-30,000 K
 D3: 35,000 K
 D4: 50,000 K

14. REVISIONS
 R1: 15-18,000 K
 R2: 27-30,000 K
 R3: 35,000 K
 R4: 50,000 K

15. APPROVALS
 A1: 15-18,000 K
 A2: 27-30,000 K
 A3: 35,000 K
 A4: 50,000 K

16. SCALE
 S1: 15-18,000 K
 S2: 27-30,000 K
 S3: 35,000 K
 S4: 50,000 K

17. DATE
 D1: 15-18,000 K
 D2: 27-30,000 K
 D3: 35,000 K
 D4: 50,000 K

18. PROJECT NUMBER
 P1: 15-18,000 K
 P2: 27-30,000 K
 P3: 35,000 K
 P4: 50,000 K

19. DRAWING NUMBER
 D1: 15-18,000 K
 D2: 27-30,000 K
 D3: 35,000 K
 D4: 50,000 K

20. SHEET NUMBER
 S1: 15-18,000 K
 S2: 27-30,000 K
 S3: 35,000 K
 S4: 50,000 K

21. PROJECT LOCATION
 L1: 15-18,000 K
 L2: 27-30,000 K
 L3: 35,000 K
 L4: 50,000 K

22. PROJECT DESCRIPTION
 D1: 15-18,000 K
 D2: 27-30,000 K
 D3: 35,000 K
 D4: 50,000 K

23. PROJECT OWNER
 O1: 15-18,000 K
 O2: 27-30,000 K
 O3: 35,000 K
 O4: 50,000 K

24. PROJECT CONTACT
 C1: 15-18,000 K
 C2: 27-30,000 K
 C3: 35,000 K
 C4: 50,000 K

25. PROJECT ADDRESS
 A1: 15-18,000 K
 A2: 27-30,000 K
 A3: 35,000 K
 A4: 50,000 K

26. PROJECT PHONE
 P1: 15-18,000 K
 P2: 27-30,000 K
 P3: 35,000 K
 P4: 50,000 K

27. PROJECT FAX
 F1: 15-18,000 K
 F2: 27-30,000 K
 F3: 35,000 K
 F4: 50,000 K

28. PROJECT EMAIL
 E1: 15-18,000 K
 E2: 27-30,000 K
 E3: 35,000 K
 E4: 50,000 K

29. PROJECT WEBSITE
 W1: 15-18,000 K
 W2: 27-30,000 K
 W3: 35,000 K
 W4: 50,000 K

30. PROJECT SOCIAL MEDIA
 S1: 15-18,000 K
 S2: 27-30,000 K
 S3: 35,000 K
 S4: 50,000 K

31. PROJECT LOGO
 L1: 15-18,000 K
 L2: 27-30,000 K
 L3: 35,000 K
 L4: 50,000 K

32. PROJECT SIGNATURE
 S1: 15-18,000 K
 S2: 27-30,000 K
 S3: 35,000 K
 S4: 50,000 K

33. PROJECT DATE
 D1: 15-18,000 K
 D2: 27-30,000 K
 D3: 35,000 K
 D4: 50,000 K

34. PROJECT STATUS
 S1: 15-18,000 K
 S2: 27-30,000 K
 S3: 35,000 K
 S4: 50,000 K

35. PROJECT NOTES
 N1: 15-18,000 K
 N2: 27-30,000 K
 N3: 35,000 K
 N4: 50,000 K

36. PROJECT COMMENTS
 C1: 15-18,000 K
 C2: 27-30,000 K
 C3: 35,000 K
 C4: 50,000 K

37. PROJECT REVISIONS
 R1: 15-18,000 K
 R2: 27-30,000 K
 R3: 35,000 K
 R4: 50,000 K

38. PROJECT APPROVALS
 A1: 15-18,000 K
 A2: 27-30,000 K
 A3: 35,000 K
 A4: 50,000 K

39. PROJECT SCALE
 S1: 15-18,000 K
 S2: 27-30,000 K
 S3: 35,000 K
 S4: 50,000 K

40. PROJECT DATE
 D1: 15-18,000 K
 D2: 27-30,000 K
 D3: 35,000 K
 D4: 50,000 K

41. PROJECT STATUS
 S1: 15-18,000 K
 S2: 27-30,000 K
 S3: 35,000 K
 S4: 50,000 K

42. PROJECT NOTES
 N1: 15-18,000 K
 N2: 27-30,000 K
 N3: 35,000 K
 N4: 50,000 K

43. PROJECT COMMENTS
 C1: 15-18,000 K
 C2: 27-30,000 K
 C3: 35,000 K
 C4: 50,000 K

44. PROJECT REVISIONS
 R1: 15-18,000 K
 R2: 27-30,000 K
 R3: 35,000 K
 R4: 50,000 K

45. PROJECT APPROVALS
 A1: 15-18,000 K
 A2: 27-30,000 K
 A3: 35,000 K
 A4: 50,000 K

46. PROJECT SCALE
 S1: 15-18,000 K
 S2: 27-30,000 K
 S3: 35,000 K
 S4: 50,000 K

47. PROJECT DATE
 D1: 15-18,000 K
 D2: 27-30,000 K
 D3: 35,000 K
 D4: 50,000 K

48. PROJECT STATUS
 S1: 15-18,000 K
 S2: 27-30,000 K
 S3: 35,000 K
 S4: 50,000 K

49. PROJECT NOTES

REV.	DATE	COMMENTS
1	07/29/21	REVISED PER SCD & COUNTY COMMENTS
2	09/10/21	REVISED PER SCD & COUNTY COMMENTS
3	12/20/21	REVISED PER SCD COMMENTS
4	02/07/22	REVISED PER SCD COMMENTS
5	03/16/22	NEW REV PER BOROUGH COMMENTS

THIS PLAN SET IS FOR PERMITTING PURPOSES ONLY AND MAY NOT BE USED FOR CONSTRUCTION.	DRAWN BY: J.D. CHECKED BY: J.D. DESIGNED BY: D.T.S.	PROJECT: CSH OLD TAPPAN, LLC PROPOSED ASSISTED LIVING FACILITY BLOCK 1606, LOT 3 244 OLD TAPPAN ROAD BOROUGH OF OLD TAPPAN, BERGEN COUNTY, NEW JERSEY
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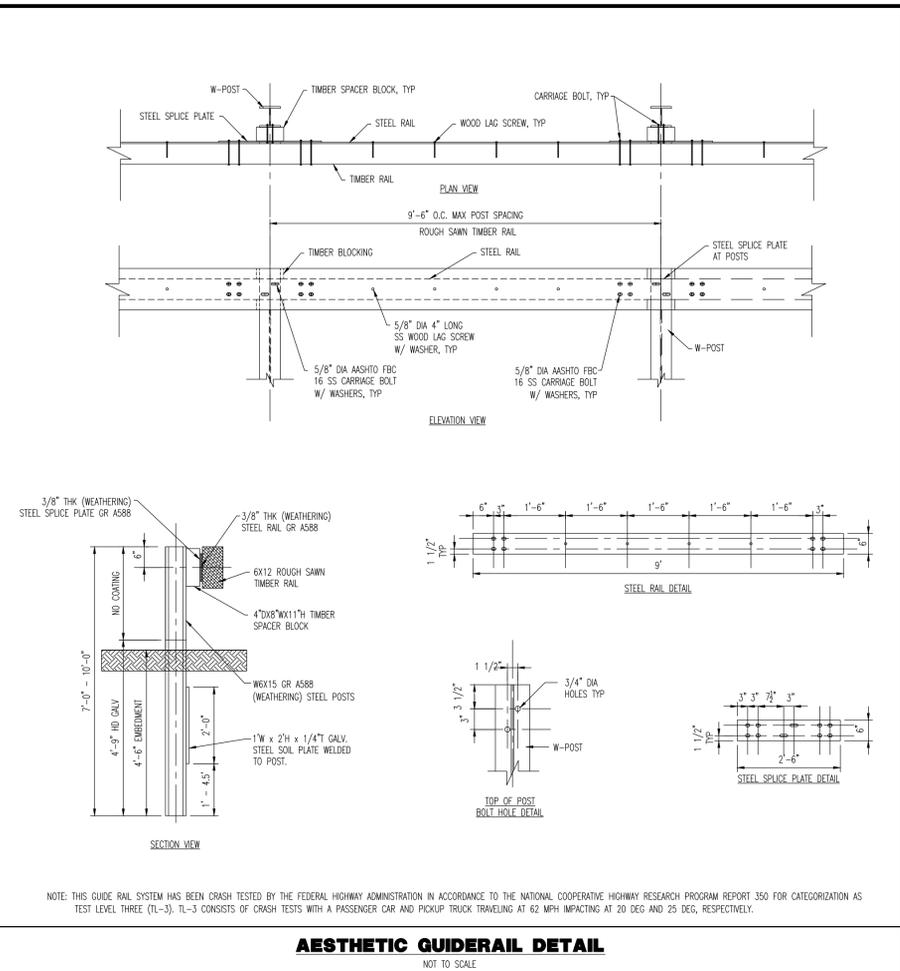
DANIEL T. SEHNAL
 PROFESSIONAL ENGINEER
 NEW JERSEY LICENSE No. 53572

JOSEPH G. JAWORSKI
 PROFESSIONAL ENGINEER
 NEW JERSEY LICENSE No. 36618

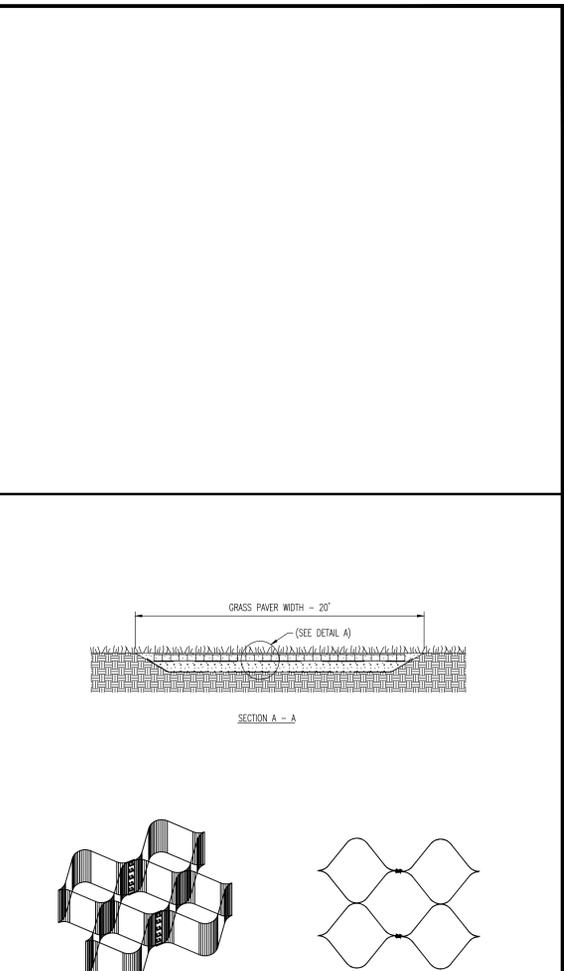
CONSTRUCTION DETAILS

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PROJECT No: 1423-99-006	

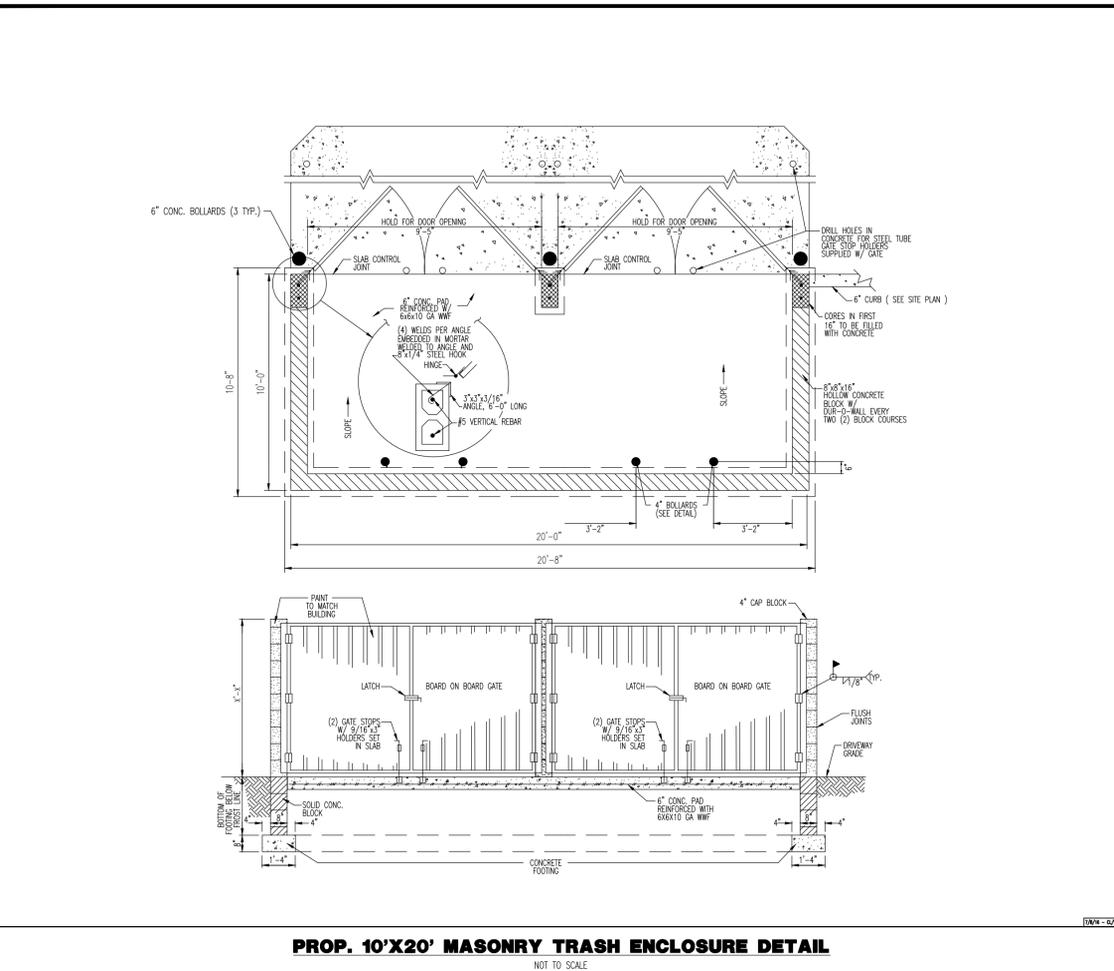
SHEET No: 17	Rev. #: 5
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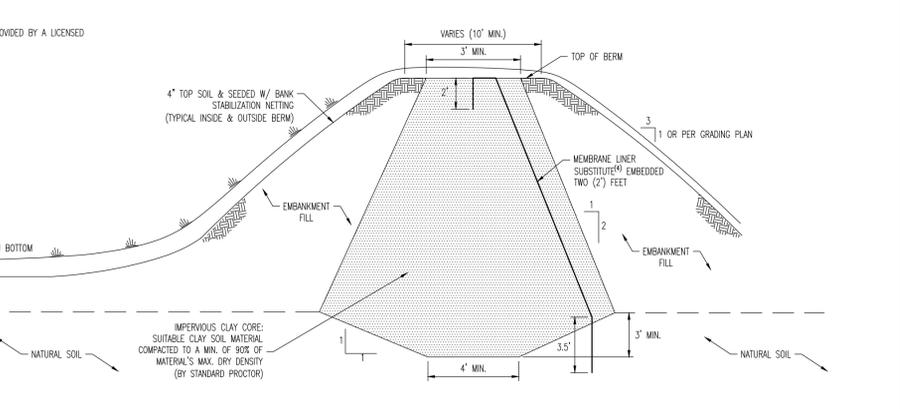
AESTHETIC GUIDERAIL DETAIL
NOT TO SCALE



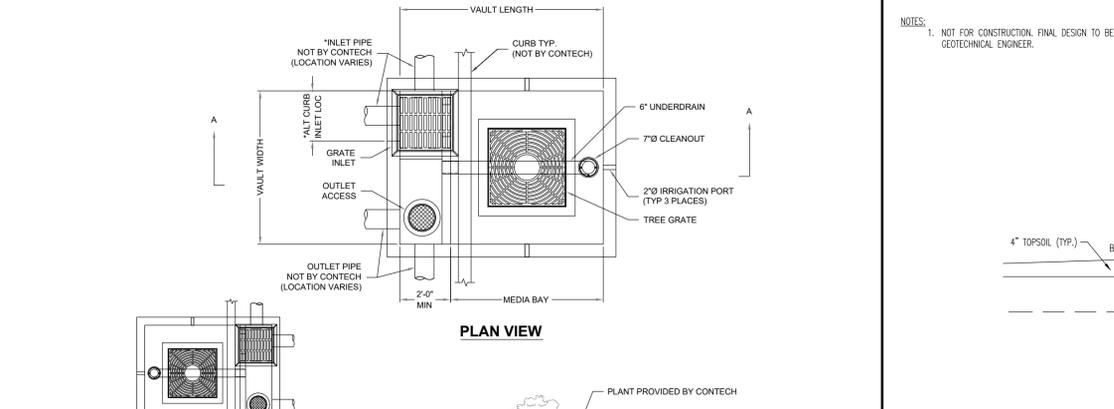
TYPICAL GRASS PAVER DETAILS
NOT TO SCALE



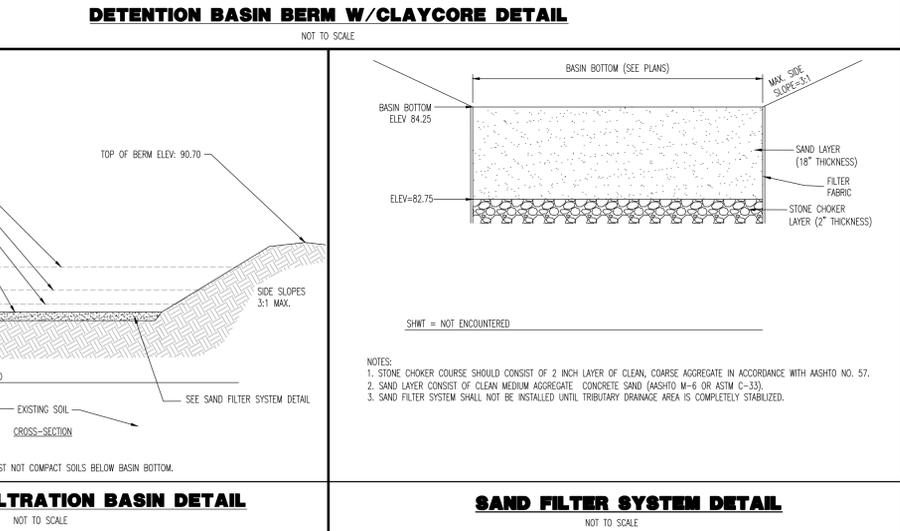
PROP. 10'x20' MASONRY TRASH ENCLOSURE DETAIL
NOT TO SCALE



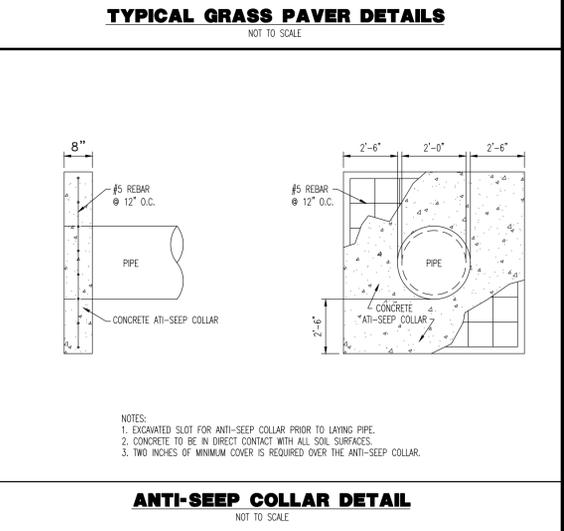
DETENTION BASIN BERM W/CLAYCORE DETAIL
NOT TO SCALE



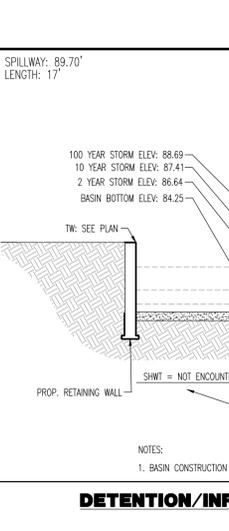
FILTERRA TREATMENT DEVICE DETAIL
NOT TO SCALE



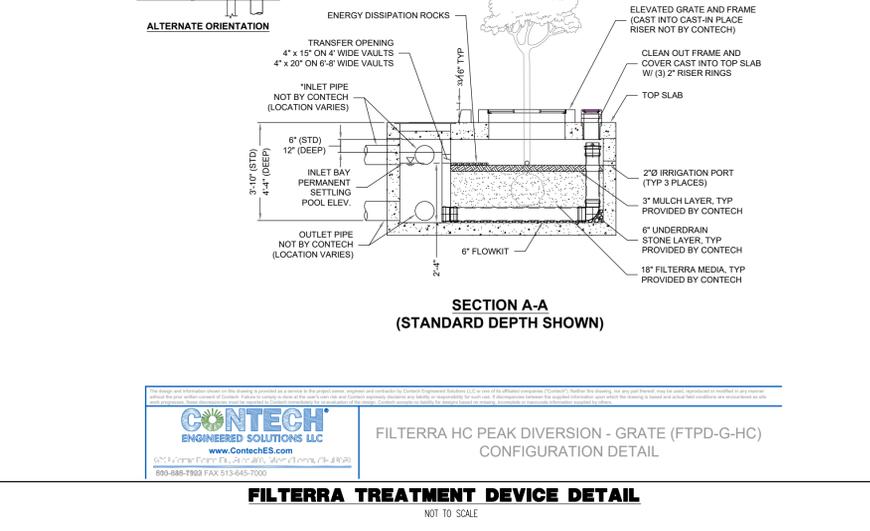
SAND FILTER SYSTEM DETAIL
NOT TO SCALE



ANTI-SEEP COLLAR DETAIL
NOT TO SCALE

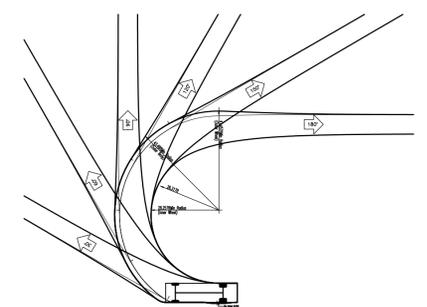
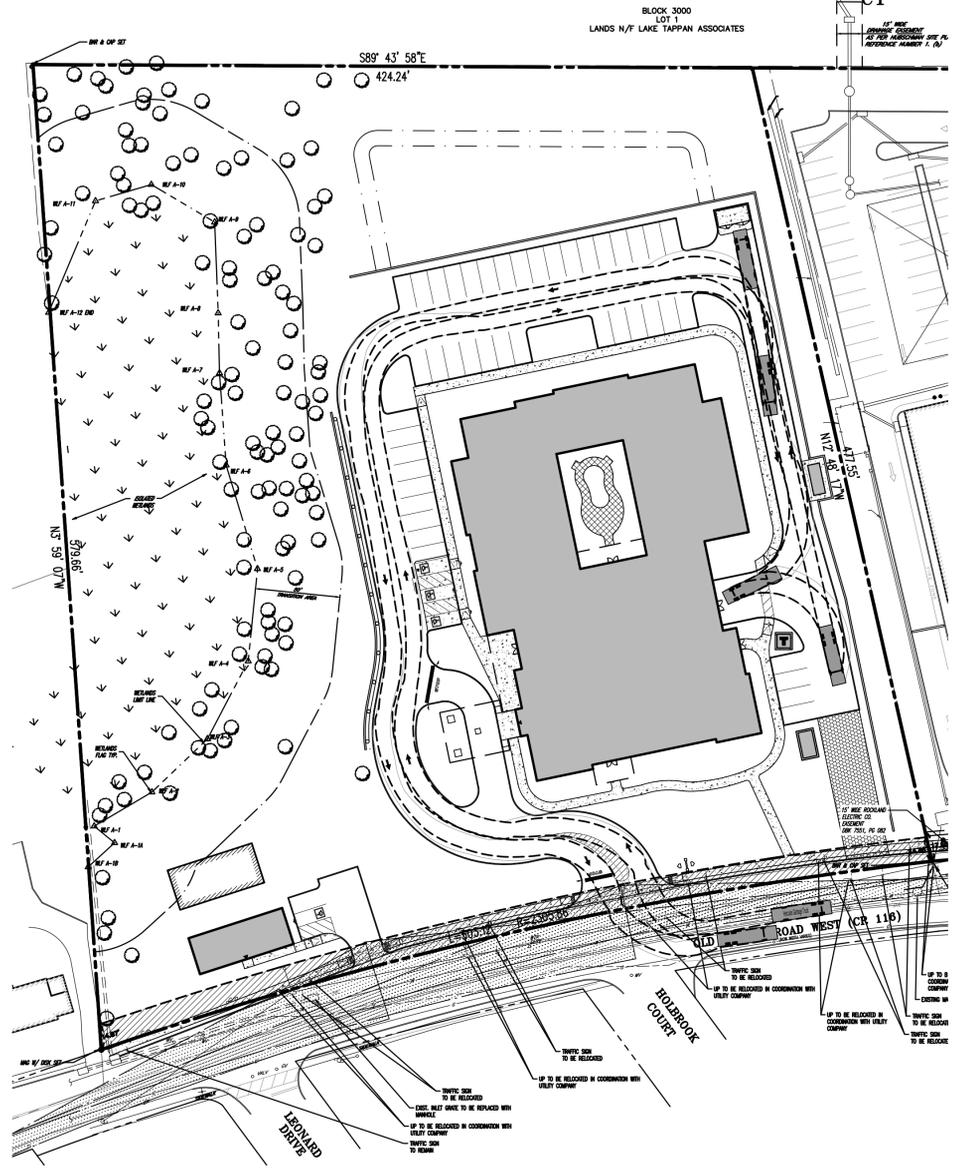
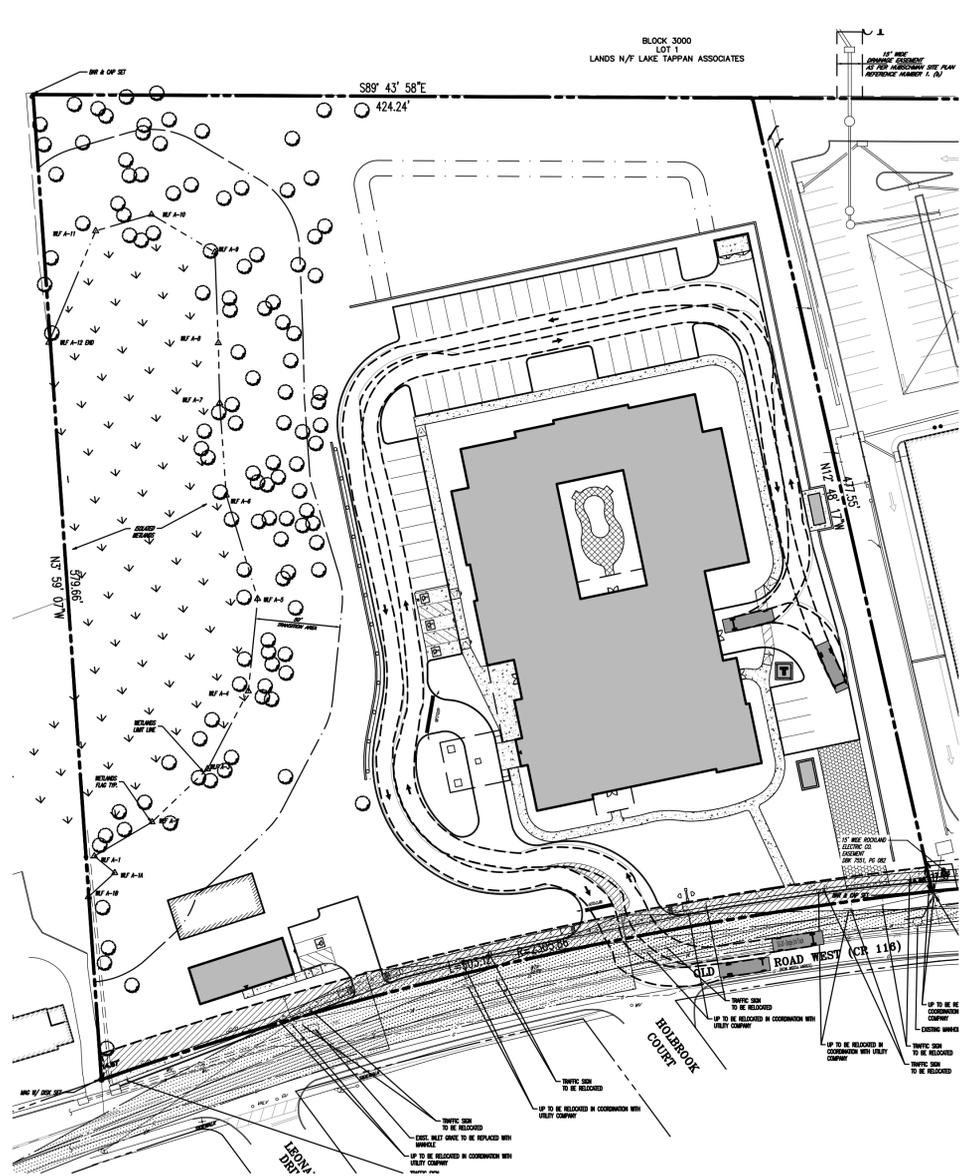


DETENTION/INFILTRATION BASIN DETAIL
NOT TO SCALE



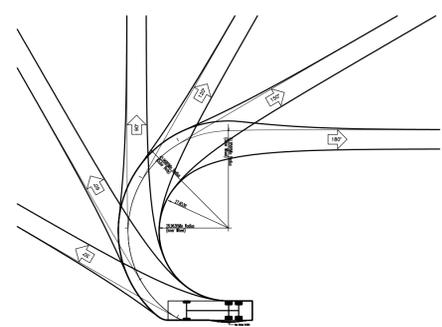
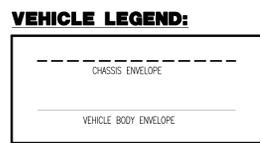
FILTERRA HC PEAK DIVERSION - GRATE (FTPD-G-HC) CONFIGURATION DETAIL
NOT TO SCALE

THIS PLAN TO BE UTILIZED FOR VEHICLE CIRCULATION PURPOSES ONLY



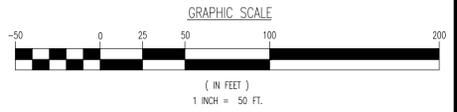
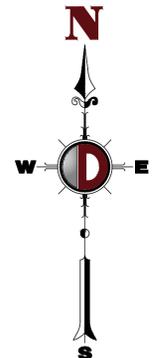
SU-30 - Single Unit Truck	30.000ft
Overall Length	30.000ft
Overall Width	8.000ft
Overall Body Height	7.500ft
Min Body Ground Clearance	1.367ft
Track Width	8.000ft
Lock-to-lock time	6.00s
Max Steering Angle (Virtual)	31.80°

SU-30 SINGLE UNIT TRUCK TURNING PLAN



Hercules Garbage Truck	35.230ft
Overall Length	35.230ft
Overall Width	8.000ft
Overall Body Height	12.272ft
Min Body Ground Clearance	0.961ft
Track Width	8.000ft
Lock-to-lock time	6.00s
Max Wheel Angle	33.90°

HERCULES GARBAGE TRUCK TURNING PLAN



REV.	DATE	COMMENTS
1	07/29/21	REVISED PER SCD & COUNTY COMMENTS
2	09/10/21	REVISED PER SCD & COUNTY COMMENTS
3	12/20/21	REVISED PER UPDATED LAYOUT
4	02/01/22	REVISED PER SCD COMMENTS
5	03/16/22	NEW REV PER BOROUGH COMMENTS

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

PROJECT: **CSH OLD TAPPAN, LLC**
PROPOSED ASSISTED LIVING FACILITY
 BLOCK 1606, LOT 3
 244 OLD TAPPAN ROAD
 BOROUGH OF OLD TAPPAN, BERGEN COUNTY, NEW JERSEY

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DANIEL T. SEHNAL
 PROFESSIONAL ENGINEER
 NEW JERSEY LICENSE No. 53572

JOSEPH G. JAWORSKI
 PROFESSIONAL ENGINEER
 NEW JERSEY LICENSE No. 36618

TITLE: **VEHICLE TURNING PLAN**

SCALE: (H) 1"=50'
 (V) 1"=20'
 DATE: 05/18/2021
 PROJECT No: 1423-99-006

SHEET No: **18** OF 21
 Rev. #: 5



REV.	DATE	COMMENTS
1	07/29/21	REVISED PER SCD & COUNTY COMMENTS
2	09/10/21	REVISED PER SCD & COUNTY COMMENTS
3	12/20/21	REVISED PER UPDATED LAYOUT
4	02/07/22	REVISED PER SCD COMMENTS
5	03/16/22	NEW REV PER BOROUGH COMMENTS

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

PROJECT: **CSH OLD TAPPAN, LLC**
PROPOSED ASSISTED LIVING FACILITY
 BLOCK 1606, LOT 3
 244 OLD TAPPAN ROAD
 BOROUGH OF OLD TAPPAN, BERGEN COUNTY, NEW JERSEY

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 FOR STATE-SPECIFIC DIRECT PHONE NUMBERS VISIT: WWW.CALL811.COM

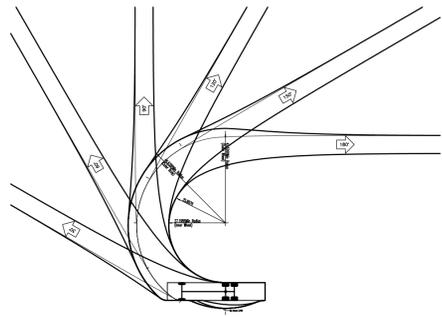
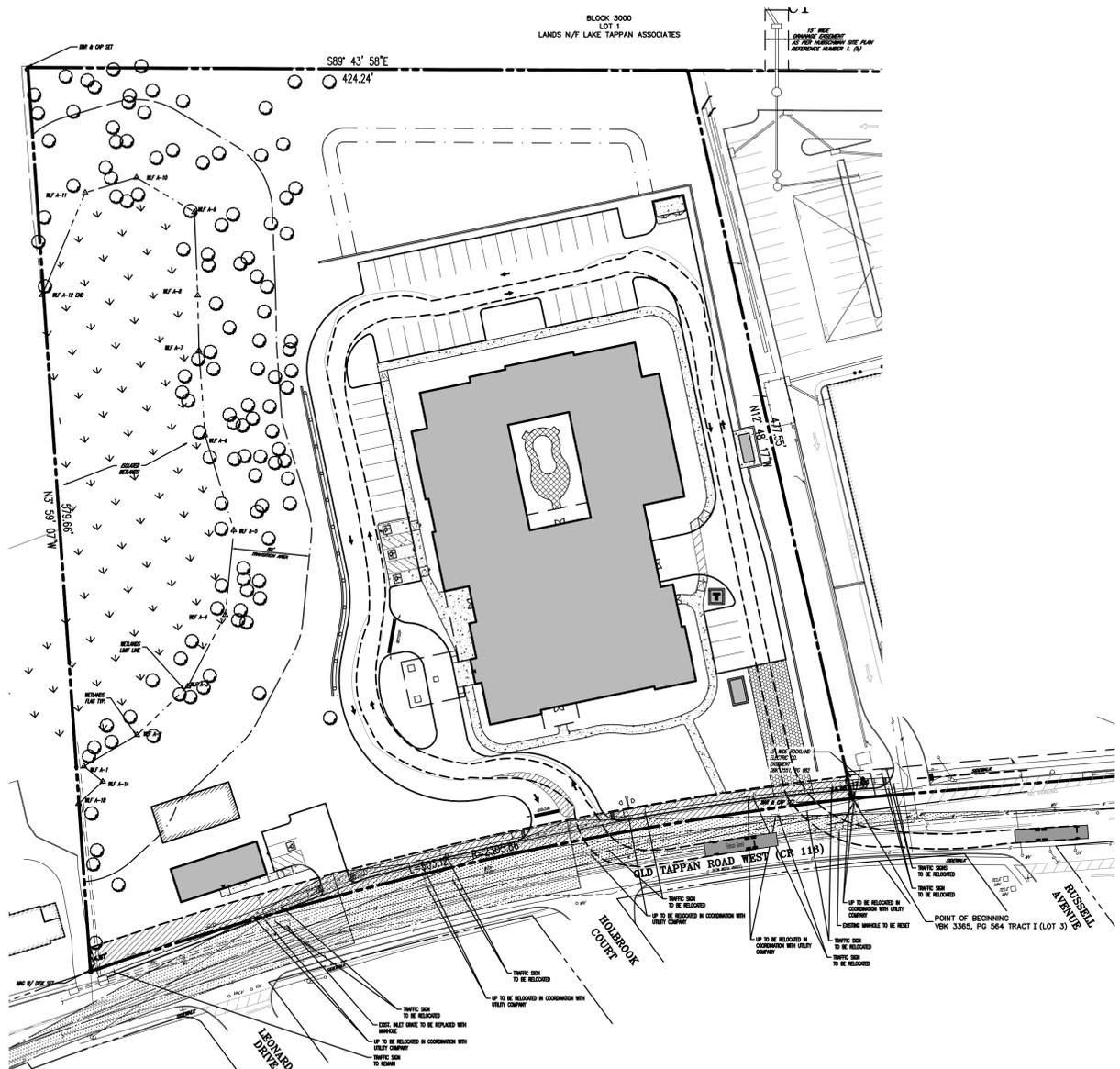
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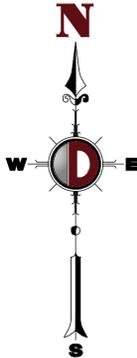
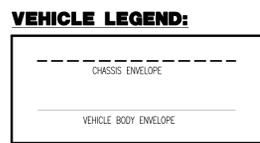
JOSEPH G. JAWORSKI
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 NEW JERSEY LICENSE No. 36618

TITLE: **VEHICLE TURNING PLAN**

SCALE: (H) AS SHOWN (V) DATE: 05/18/2021
 PROJECT No: 1423-99-006
 SHEET No: **19** OF 21 Rev. #: 5

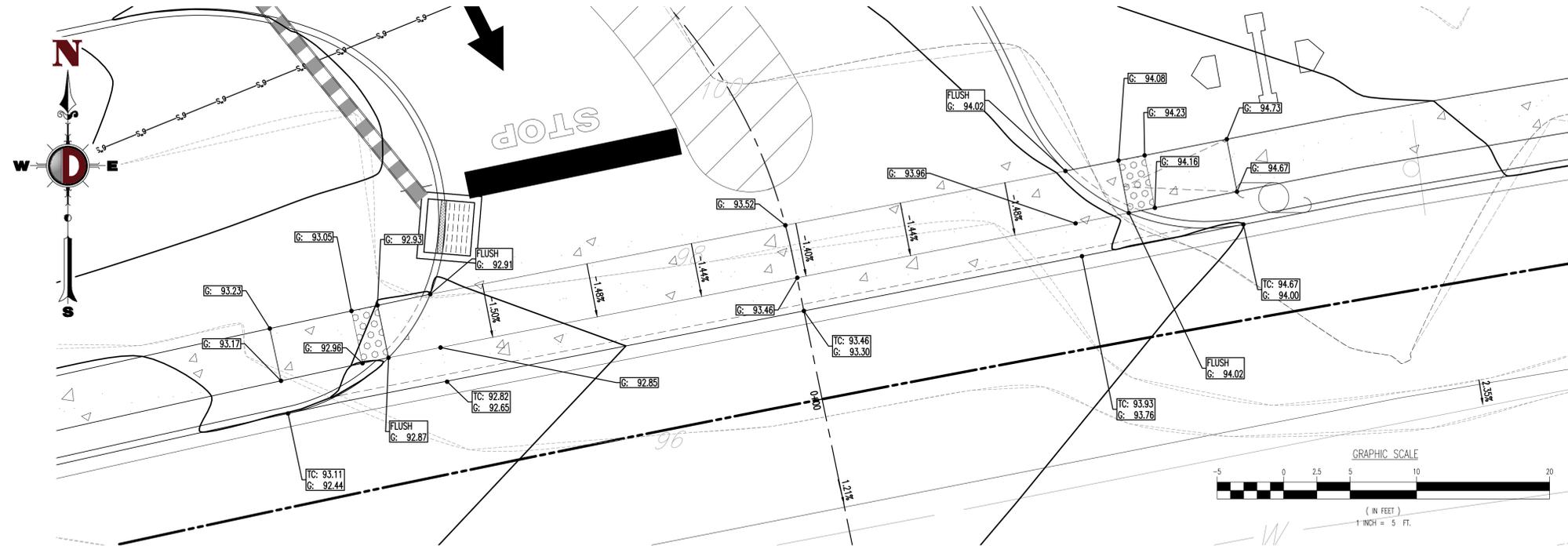


Firetruck - Generic	47.000ft
Overall Length	26.000ft
Overall Body Height	10.000ft
Min Body Ground Clearance	6.000ft
Track Width	6.000ft
Lock-to-lock time	0.000s
Lock Wheel Angle	0.000deg

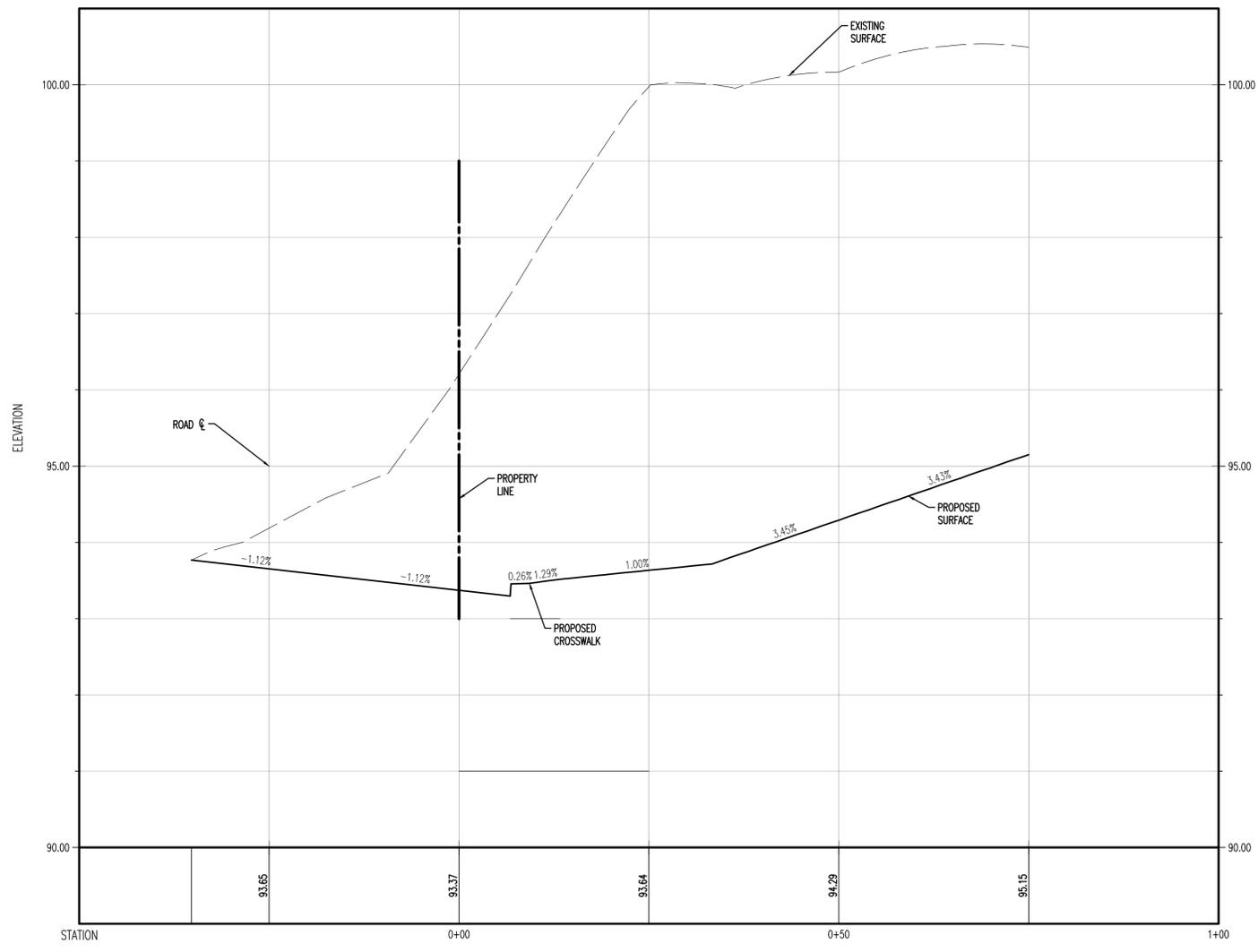


Plotted: 04/06/22 - 10:49 AM, By: jdemartini
 File: \\deeplocal\defenders\Data\DEPC PROJECTS\1423 Capital Seniors Housing\99-006 Old Tappan\Draw\Site Plans\1423990005\5.dwg, ---> 19 VEHICLE TURNING PLAN

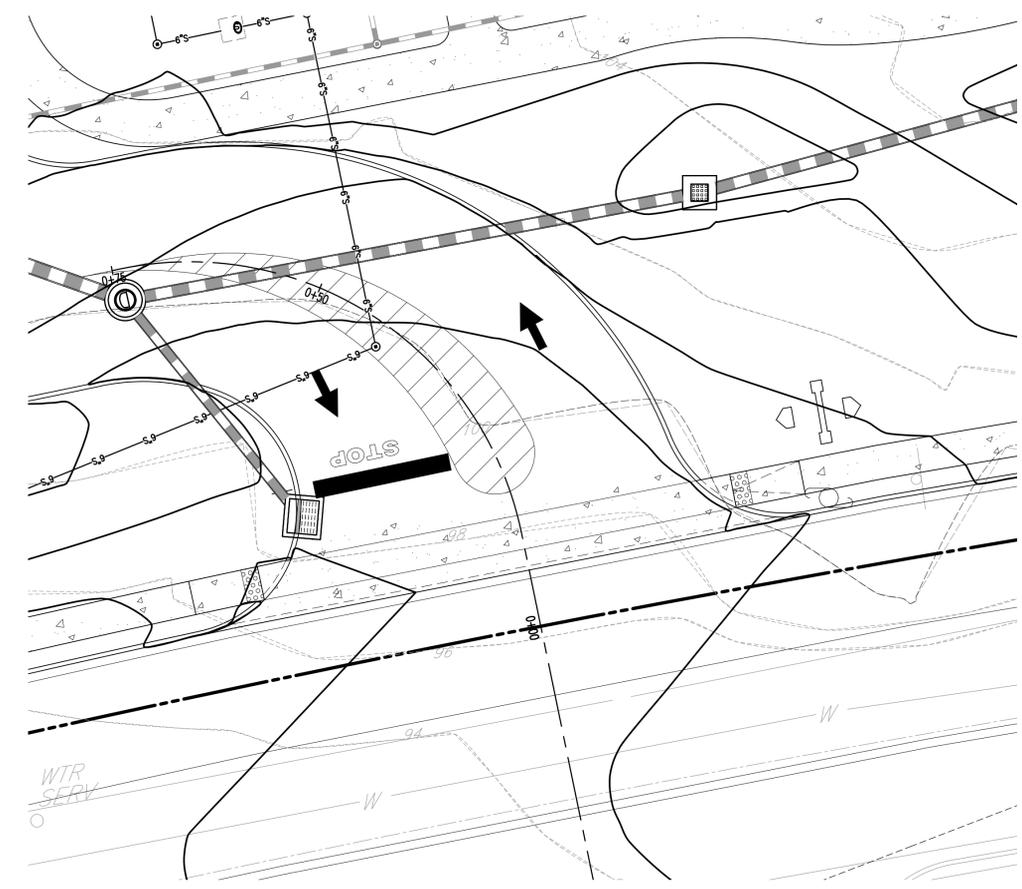
Plotted: 04/06/22 - 10:50 AM, By: jdemartini
 File: \\despc\local\despc\data\DEPC\PROJECTS\1423 Capital Seniors Housing\99-006 Old Tappan\Draw\Site Plans\142399006SDAC.dwg, --> 20 ADA RAMP & DRIVEWAY PROFILE EXHIBIT



ADA CROSSWALK AT DRIVEWAY OF ASSISTED LIVING FACILITY
 SCALE: 1" = 5'



PROFILE VIEW OF ENTRANCE
 HORIZONTAL SCALE: 1"=10'
 VERTICAL SCALE: 1"=1'



OLD TAPPAN ROAD DRIVEWAY PLAN
 SCALE: 1" = 10'



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4	02/01/22	REVISED PER SCD COMMENTS
5	03/16/22	NEW REV PER BOROUGH COMMENTS

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DESIGNED BY: _____
 CHECKED BY: _____
 DRAWN BY: KHC
 REVISION BY: KHC/DRL
 DTS

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 NEW JERSEY LICENSE No. 36618

TITLE: **ADA RAMP & DRIVEWAY PROFILE EXHIBIT**

SCALE: (H) AS SHOWN DATE: 05/18/2021
 PROJECT No: 1423-99-006

SHEET No: **20** OF 21 Rev. #: 5

