PRELIMINARY & FINAL SITE PLAN PROPOSED MIXED-USE BUILDING

No. 347-351 WEST CLAY AVENUE WEST

LOTS No. 1 & 2, BLOCK No. 307 TAX MAP SHEET No. 3

BOROUGH OF ROSELLE PARK UNION COUNTY NEW JERSEY

ROSELLE PARK, NJ 07204 VENTURO, ROBERT M 110 FAITOUTE AVE 100 FAITOUTE AVE ROSELLE PARK, NJ 07204 VENTURO, ATTILIO & THATIANA 108 FAITOUTE AVE 816 HAMILTON PL ROSELLE PARK, NJ 07204 VENTURO, ATTILIO S 405 WESTFIELD AVE 816 HAMILTON PL ROSELLE PARK, NJ 07204 REED, SAMUEL M 12 CANDICE WAY 323 FAITOUTE AVE EAST HANOVER, NJ 07936 RICCIO, FRANK N JR & FRANK 356 SEATON AVE 356 SEATON AVE ROSELLE PARK, NJ 07204 CASTRO, ELIDA 707 CHESTNUT ST 352 SEATON AVE ROSELLE PARK, NJ 07204 PETRACCA, ANTONIO & FONTINA 348 SEATON AVE 348 SEATON AVE ROSELLE PARK, NJ 07204 DIXON, KAREN M 344 SEATON AVE 410 WEST WEBSTER AVE ROSELLE PARK, NJ 07204 340 SEATON AVE JANKOWSKI, DEAN & MARY 340 SEATON AVE ROSELLE PARK, NJ 07204

UTILITY COMPANIES

PAUL W. MINITELLI

JOSEPH GRAZIO

351 WEST CLAY AVENUE

ROSELLE PARK, NJ 07204

347 WEST CLAY AVENUE ROSELLE PARK, NJ 07204

COMCAST CABLEVISION GEORGE PALYCA, ENGR. COORD. 800 RAHWAY AVENUE

DONNA SHORT, GIS SUPERVISOR 1025 LAUREL OAK RD. VOORHEES, NJ 08043 ELIZABETHTOWN GAS COMPANY ENGINEERING DEPT. 520 GREEN LANE

UNION, NJ 07083

NJ AMERICAN WATER CO.

TOM TONTIN 445 GEORGES RD. NORTH BRUNSWICK, NJ 08902 UC PLANNING BOARD ADMIN. BUILDING ELIZABETHTOWN PLAZA

STEVEN J. KEILEY, DIVISION MANAGER

ELIZABETH, NJ 07207

ELIZABETH, NJ 07207

PROPERTY TAX DEPT. P.O. BOX 8500-4450 PHILADELPHIA, PA 19178-4450 RAHWAY VALLEY SEWAGE AUTHORITY 1050 EAST HAZLEWOOD AVE.

APPLICANT

WEST CLAY ASSOCIATES LLC

94 HILLCREST DRIVE

CLARK, NJ 07066

SEATON AVENUE (60' R.O.W.) WEST CLAY AVENUE (60' R.O.W.)

PROJECT AREA MAP N.T.S.

LIST OF PROPERTY OWNERS WITHIN 200' RADIUS

BLOCK	& LOT	PROPERTY LOCATION	OWNER/MAIL ADDRINGS
305	7	336 SEATON AVE	MACRI, PETER & ROSE (TENANTS/COMMON) 336 SEATON AVE ROSELLE PARK, NJ 07204
307	3	343 CLAY AVE W	PALEY, MARK 343 CLAY AVE W ROSELLE PARK, NJ 07204
307	4	337 W CLAY AVE	JAN VINCENT M. MANAGEMENT LLC 11 ROMORE PL CRANFORD, NJ 07016
307	5	333 W CLAY AVE	LUCERO, LAURA K. 333 W CLAY AVE ROSELLE PARK, NJ 07204
307	6	329 W CLAY AVE	SHAW, MICHAEL & CESPEDES, MIRIAM 329 W CLAY AVE ROSELLE PARK, NJ 07204
309	Ĭ	361 WEST WESTFIELD	SIGNATURE HOLDINGS, LLC 100 FAITOUTE AVE ROSELLE PARK, NJ 07204
309	2	354 W CLAY AVE	SIGNATURE REAL ESTATE, LLC 100 FAITOUTE AVE ROSELLE PARK, NJ 07204
309	3	357 W WESTFIELD AVE	SIGNATURE HOLDINGS, LLC 100 FAITOUTE AVE ROSELLE PARK, NJ 07204
309	4.01	W WESTFIELD AVE	CHURCH OF THE ASSUMPTION 133 CHIEGO PLACE ROSELLE PARK, NJ 07204
309	4.02	W WESTFIELD AVE	CHURCH OF THE ASSUMPTION 133 CHIEGO PLACE ROSELLE PARK, NJ 07204
309	4.03	W WESTFIELD AVE	CHURCH OF THE ASSUMPTION 133 CHIEGO PLACE ROSELLE PARK, NJ 07204
3000	4	REAR SEATON AVENUE	CONSOLIDATED RAIL CORP.—TAX DEPT P.O. BOX 8499 PHILADELPHIA, PA 19101
3000	5	REAR SEATON AVENUE	CONSOLIDATED RAIL CORP.—TAX DEPT P.O. BOX 8499 PHILADELPHIA, PA 19101
3000	6	REAR SEATON AVENUE	CONSOLIDATED RAIL CORP.—TAX DEPT P.O. BOX 8499 PHILADELPHIA, PA 19101
3000	7	WEST CLAY AVE	CONSOLIDATED RAIL CORP.—TAX DEPT P.O. BOX 8499 PHILADELPHIA, PA 19101

ARCHITECTURAL DRAWINGS PREPARED BY: WAGA ENTERPRISES ARCHITECTS, LLC 2109 ST. GEORGES AVENUE RAHWAY, NJ 07065 (732) 382-2000

PREPARED AUGUST 2017

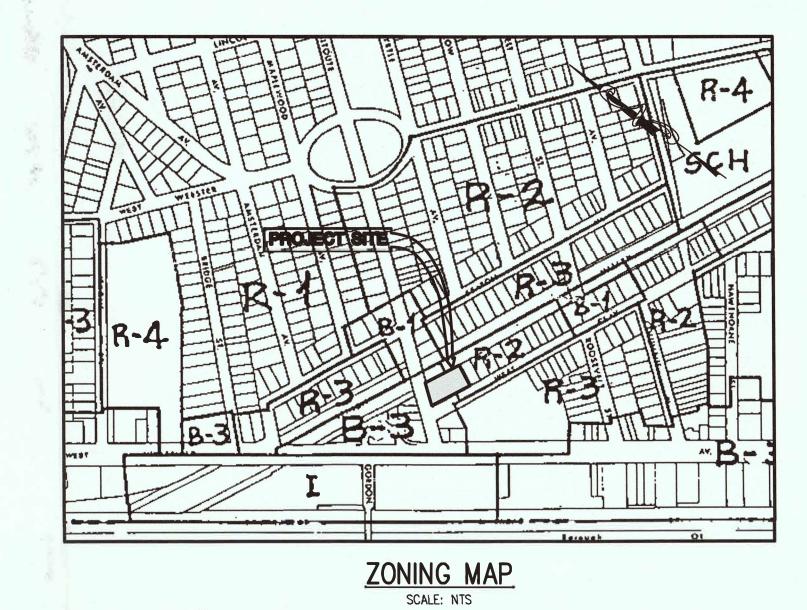
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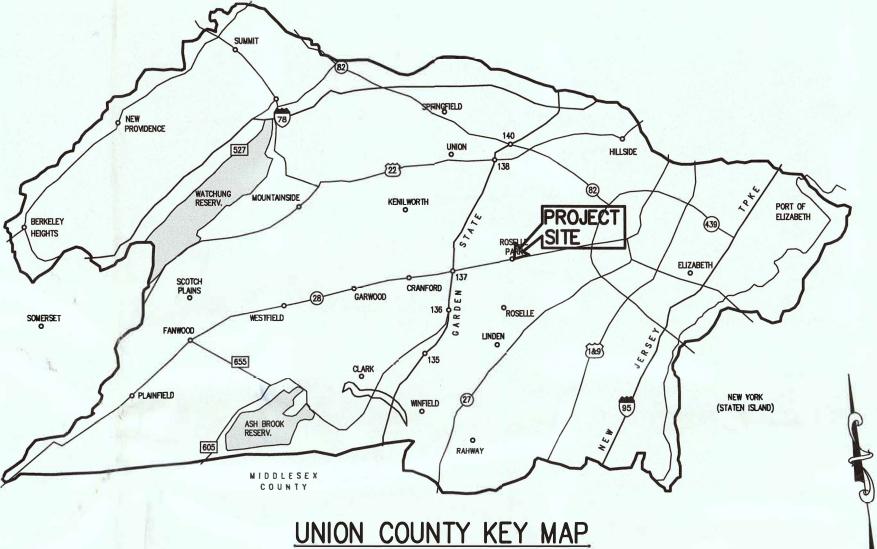
WEST CLAY ASSOCIATES LLC

94 HILLCREST DRIVE **CLARK, NJ 07066**

CERTIFICATION OF APPROVAL

APPROVED BY THE BOARD OF ADJUSTMENT OF THE BOROUGH OF ROSELLE PARK





	SHEET INDEX		
SHEET No.	DESCRIPTION	PREPARED	LAST REVISED
1	COVER SHEET	8/29/17	2/21/18
2	EXISTING CONDITIONS AND DEMOLITION PLAN	8/29/17	2/21/18
3	LAYOUT AND DIMENSIONING PLAN	8/29/17	2/21/18
4	GRADING AND UTILITIES PLAN	8/29/17	2/21/18
5	LANDSCAPING AND LIGHTING PLAN	8/29/17	2/21/18
6	SOIL EROSION AND SEDIMENT CONTROL PLAN	8/29/17	2/21/18
7	CONSTRUCTION DETAILS-1	8/29/17	2/21/18
8	CONSTRUCTION DETAILS-2	8/29/17	2/21/18

PRELIMINARY & FINAL SITE PLAN

PROPOSED MIXED-USE BUILDING

No. 347-351 WEST CLAY AVENUE LOTS No. 1 AND 2, BLOCK No. 307 BOROUGH OF ROSELLE PARK, UNION COUNTY, NEW JERSEY

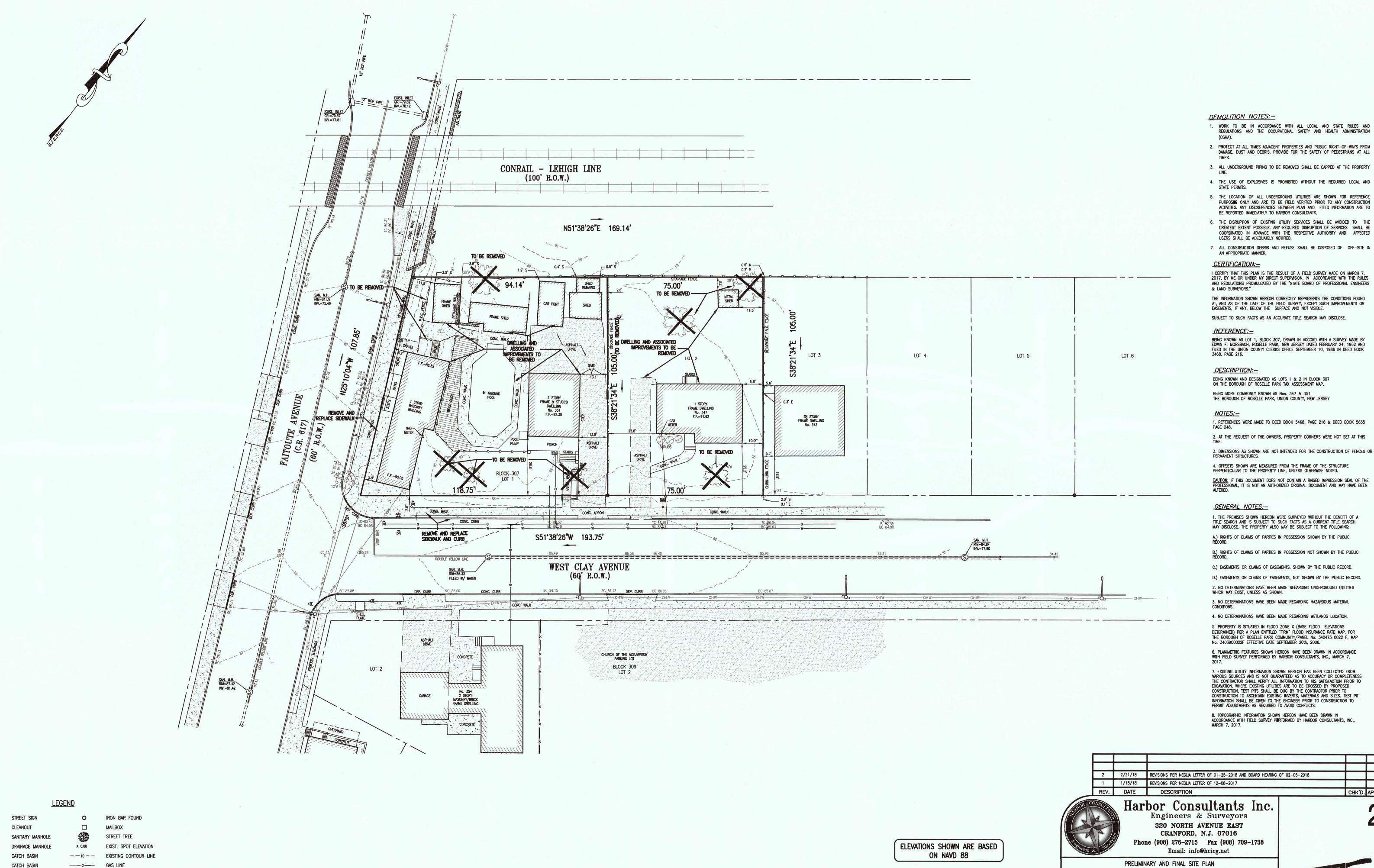
COVER SHEET

HARBOR CONSULTANTS

ENGINEERS & SURVEYORS 320 NORTH AVENUE EAST CRANFORD, N.J. 07016 Tel. (908) 276-2715 Fax (908) 709-1738



PROJECT No. 20017027



GUY WIRE

UTILITY POLE

CONC. MONUMENT FOUND

GAS VALVE

WATER VALVE

LIGHT POST

<u>DEMOLITION NOTES:</u>-

- 1. WORK TO BE IN ACCORDANCE WITH ALL LOCAL AND STATE RULES AND REGULATIONS AND THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
- DAMAGE, DUST AND DEBRIS. PROVIDE FOR THE SAFETY OF PEDESTRIANS AT ALL
- 3. ALL UNDERGROUND PIPING TO BE REMOVED SHALL BE CAPPED AT THE PROPERTY
- 4. THE USE OF EXPLOSIVES IS PROHIBITED WITHOUT THE REQUIRED LOCAL AND

BE REPORTED IMMEDIATELY TO HARBOR CONSULTANTS.

- STATE PERMITS. 5. THE LOCATION OF ALL UNDERGROUND UTILITIES ARE SHOWN FOR REFERENCE PURPOSING ONLY AND ARE TO BE FIELD VERIFIED PRIOR TO ANY CONSTRUCTION ACTIVITIES. ANY DISCREPENCIES BETWEEN PLAN AND FIELD INFORMATION ARE TO
- 6. THE DISRUPTION OF EXISTING UTILITY SERVICES SHALL BE AVOIDED TO THE GREATEST EXTENT POSSIBLE. ANY REQUIRED DISRUPTION OF SERVICES SHALL BE COORDINATED IN ADVANCE WITH THE RESPECTIVE AUTHORITY AND AFFECTED USERS SHALL BE ADEQUATELY NOTIFIED.
- 7. ALL CONSTRUCTION DEBRIS AND REFUSE SHALL BE DISPOSED OF OFF-SITE IN AN APPROPRIATE MANNER.

<u>CERTIFICATION:</u>

I CERTIFY THAT THIS PLAN IS THE RESULT OF A FIELD SURVEY MADE ON MARCH 7, 2017, BY ME OR UNDER MY DIRECT SUPERVISION, IN ACCORDANCE WITH THE RULES AND REGULATIONS PROMULGATED BY THE "STATE BOARD OF PROFESSIONAL ENGINEERS

THE INFORMATION SHOWN HEREON CORRECTLY REPRESENTS THE CONDITIONS FOUND AT, AND AS OF THE DATE OF THE FIELD SURVEY, EXCEPT SUCH IMPROVEMENTS OR EASEMENTS, IF ANY, BELOW THE SURFACE AND NOT VISIBLE.

SUBJECT TO SUCH FACTS AS AN ACCURATE TITLE SEARCH MAY DISCLOSE.

<u>REFERENCE:-</u>

BEING KNOWN AS LOT 1, BLOCK 307, DRAWN IN ACCORD WITH A SURVEY MADE BY EDWIN F. MORSBACH, ROSELLE PARK, NEW JERSEY DATED FEBRUARY 24, 1962 AND FILED IN THE UNION COUNTY CLERKS OFFICE SEPTEMBER 10, 1986 IN DEED BOOK 3468 PAGE 216 3468, PAGE 216.

DESCRIPTION:-

BEING KNOWN AND DESIGNATED AS LOTS 1 & 2 IN BLOCK 307 ON THE BOROUGH OF ROSELLE PARK TAX ASSESSMENT MAP.

BEING MORE COMMONLY KNOWN AS Nos. 347 & 351 THE BOROUGH OF ROSELLE PARK, UNION COUNTY, NEW JERSEY

1. REFERENCES WERE MADE TO DEED BOOK 3468, PAGE 216 & DEED BOOK 5635

2. AT THE REQUEST OF THE OWNERS, PROPERTY CORNERS WERE NOT SET AT THIS TIME.

PERMANENT STRUCTURES. 4. OFFSETS SHOWN ARE MEASURED FROM THE FRAME OF THE STRUCTURE

<u>CAUTION:</u> IF THIS DOCUMENT DOES NOT CONTAIN A RAISED IMPRESSION SEAL OF THE PROFESSIONAL, IT IS NOT AN AUTHORIZED ORIGINAL DOCUMENT AND MAY HAVE BEEN

GENERAL NOTES:-

1. THE PREMISES SHOWN HEREON WERE SURVEYED WITHOUT THE BENEFIT OF A TITLE SEARCH AND IS SUBJECT TO SUCH FACTS AS A CURRENT TITLE SEARCH MAY DISCLOSE. THE PROPERTY ALSO MAY BE SUBJECT TO THE FOLLOWING:

A.) RIGHTS OF CLAIMS OF PARTIES IN POSSESSION SHOWN BY THE PUBLIC

B.) RIGHTS OF CLAIMS OF PARTIES IN POSSESSION NOT SHOWN BY THE PUBLIC RECORD.

C.) EASEMENTS OR CLAIMS OF EASEMENTS, SHOWN BY THE PUBLIC RECORD. D.) EASEMENTS OR CLAIMS OF EASEMENTS, NOT SHOWN BY THE PUBLIC RECORD. 2. NO DETERMINATIONS HAVE BEEN MADE REGARDING UNDERGROUND UTILITIES

WHICH MAY EXIST, UNLESS AS SHOWN. 3. NO DETERMINATIONS HAVE BEEN MADE REGARDING HAZARDOUS MATERIAL CONDITIONS.

4. NO DETERMINATIONS HAVE BEEN MADE REGARDING WETLANDS LOCATION. 5. PROPERTY IS SITUATED IN FLOOD ZONE X (BASE FLOOD ELEVATIONS DETERMINED) PER A PLAN ENTITLED "FIRM" FLOOD INSURANCE RATE MAP, FOR THE BOROUGH OF ROSELLE PARK COMMUNITY/PANEL No. 340473 0022 F, MAP No. 34039C0022F EFFECTIVE DATE SEPTEMBER 20th, 2006.

6. PLANIMETRIC FEATURES SHOWN HEREON HAVE BEEN DRAWN IN ACCORDANCE WITH FIELD SURVEY PERFORMED BY HARBOR CONSULTANTS, INC., MARCH 7,

7. EXISTING UTILITY INFORMATION SHOWN HEREON HAS BEEN COLLECTED FROM VARIOUS SOURCES AND IS NOT GUARANTEED AS TO ACCURACY OR COMPLETENESS THE CONTRACTOR SHALL VERIFY ALL INFORMATION TO HIS SATISFACTION PRIOR TO EXCAVATION. WHERE EXISTING UTILITIES ARE TO BE CROSSED BY PROPOSED CONSTRUCTION, TEST PITS SHALL BE DUG BY THE CONTRACTOR PRIOR TO CONSTRUCTION TO ASCERTAIN EXISTING INVERTS, MATERIALS AND SIZES. TEST PIT INFORMATION SHALL BE GIVEN TO THE ENGINEER PRIOR TO CONSTRUCTION TO PERMIT ADJUSTMENTS AS REQUIRED TO AVOID CONFLICTS.

8. TOPOGRAPHIC INFORMATION SHOWN HEREON HAVE BEEN DRAWN IN ACCORDANCE WITH FIELD SURVEY PERFORMED BY HARBOR CONSULTANTS, INC.,

1 1/15/18 REVISIONS PER NEGLIA LETTER OF 12-08-2017 Harbor Consultants Inc. Engineers & Surveyors 320 NORTH AVENUE EAST CRANFORD, N.J. 07016

PRELIMINARY AND FINAL SITE PLAN

C.V.F./A.M.

2017027_Exist

EXISTING CONDITIONS AND DEMOLITION PLAN

347-351 WEST CLAY AVENUE LOTS 1 & 2, BLOCK 307 BOROUGH OF ROSELLE PARK UNION COUNTY

V.E.V.

GRAPHIC SCALE

(IN FEET)

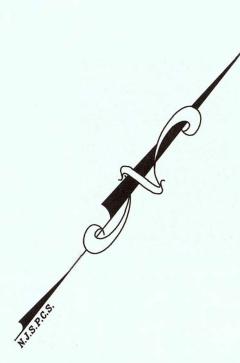
1 inch = 20 ft.

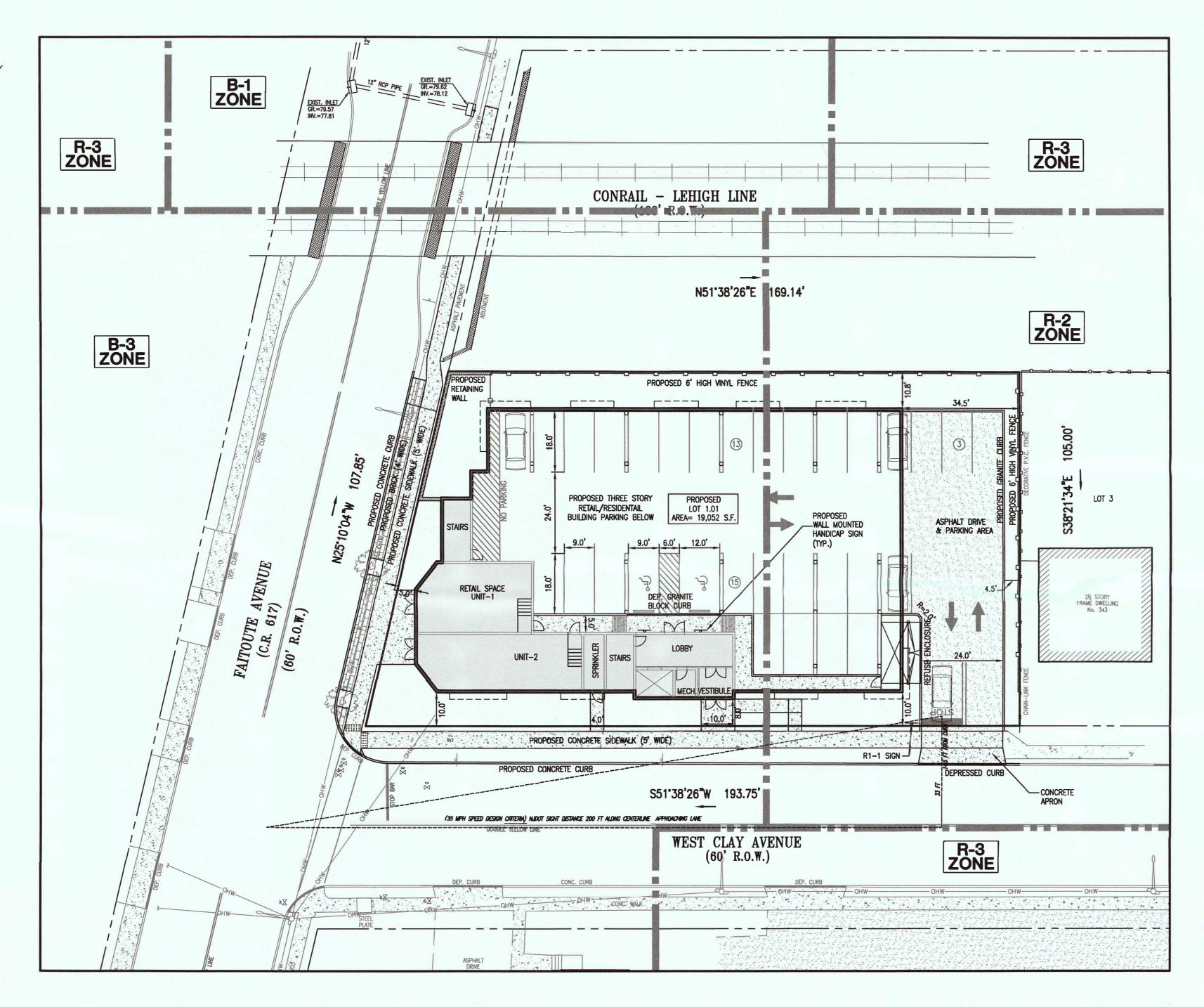
PROFESSIONAL ENGINEER & LAND SURVEYOR **NEW JERSEY** NEW JERSEY LICENSE No. 34460

TIFICATE OF AUTHORIZATION No. PROJECT No:

24GA27962100

CHK'D. APPV'D





SUMMARY OF VARIANCES:

'C' VARIANCES (R-2)

- 1. MINIMUM FRONT SETBACK IS 20.0 FEET, WHEREAS 5.0 FEET IS PROPOSED. 2. MINIMUM SIDE YARD SETBACK IS 10.8 FEET, WHEREAS 8.0 FEET IS PROPOSED.
- 3. MINIMUM BOTH SIDE YARD SETBACKS IS 21.6 FEET, WHEREAS 18.8 FEET IS PROPOSED.
- 4. MINIMUM PARKING REQUIRED IS 36 SPACES WHEREAS, 31 SPACES IS PROPOSED. 5. FOUR TANDEM/STACKED PARKING SPACES ARE PROPOSED, WHEREAS THEY ARE NOT PERMITTED.

'C' VARIANCES (B-3)

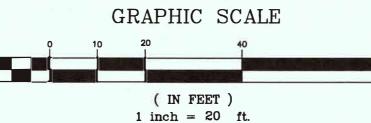
- 1. MINIMUM FRONT SETBACK IS 10.0 FEET, WHEREAS 5.0 FEET IS PROPOSED. 2. MINIMUM SIDE YARD SETBACK IS 10.0 FEET, WHEREAS 8.0 FEET IS PROPOSED.
- 3. MINIMUM BOTH SIDE YARD SETBACKS IS 20.0 FEET, WHEREAS 18.8 FEET IS PROPOSED. 4. MINIMUM PARKING REQUIRED IS 36 SPACES WHEREAS, 31 SPACES IS REQUIRED.
- 5. FOUR TANDEM/STACKED PARKING SPACES ARE PROPOSED, WHEREAS THEY ARE NOT PERMITTED.

<u>'D' VARIANCES</u>

- 1. PROPOSED MIXED USE IS NOT A PERMITTED USE IN A R-2 ZONE. 2. PROPOSED MIXED USE IS NOT A PERMITTED USE IN A B-3 ZONE.
- 3. MAXIMUM DENSITY IS 20 UNITS/ACRE, WHEREAS 32 UNITS/ACRE (14 UNITS/0.44 ACRES) IS PROPOSED.

4. MAXIMUM HEIGHT IS 2.5 STORIES/28 FEET PERMITTED, WHEREAS 3 STORIES/38 FEET IS PROPOSED.

ELEVATIONS SHOWN ARE BASED ON NAVD 88



SCHEDULE OF AREA, YARD & BULK REQUIREMENTS BOROUGH OF ROSELLE PARK, UNION COUNTY, NEW JERSEY R-2 TWO-FAMILY RESIDENTIAL ZONE

ITEM	PERMITTED OR REQUIRED	PROPOSED	COMPLY
PERMITED USE	SINGLE FAMILY	MIXED USE	NO (1)
MINIMUM LOT AREA	7,500 S.F.	19,052 S.F.	YES
MINIMUM LOT WIDTH	75 FEET	107.85 FEET	YES
MINIMUM FRONT YARD SETBACK	20 FEET	5.0 FEET	NO (1)
MINIMUM EACH SIDE YARD SETBACK	10% OF LOT WIDTH 10.8 FEET	8.0 FEET	NO (1)
MINIMUM BOTH SIDE YARD SETBACK	20% of LOT WIDTH 21.6 FEET	18.8 FEET	NO (1)
MINIMUM REAR YARD SETBACK	35 FEET	34.5 FEET	NO (1)
MAXIMUM BUILDING LOT COVERAGE	NONE	60.5% (11,517 S.F.)	YES
MAXIMUM BUILDING HEIGHT	2-1/2 STORIES 28 FEET	3 STORIES 38.0 FT	NO (1) NO (1)

(1) VARIANCE REQUESTED

SCHEDULE OF AREA, YARD & BULK REQUIREMENTS BOROUGH OF ROSELLE PARK, UNION COUNTY, NEW JERSEY B-3 ARTERIAL BUSINESS DISTRICT ZONE

COMPLY PERMITTED OR REQUIRED PROPOSED PERMITED USE MIXED USE MINIMUM LOT AREA 15,000 S.F. 19,052 S.F. YES 107.85 FEET 10 FEET

MINIMUM LOT WIDTH MINIMUM FRONT YARD SETBACK 5.0 FEET NO (1) MINIMUM EACH SIDE YARD SETBACK 10 FEET 8.0 FEET NO (1) MINIMUM BOTH SIDE YARD SETBACK 20 FEET 18.8 FEET NO (1) 25 FEET MINIMUM REAR YARD SETBACK 34.5 FEET YES MAXIMUM BUILDING LOT COVERAGE 60.5% (11,517 S.F.) YES 2-1/2 STORIES (2) 28 FEET (2) 3 STORIES NO (1) 38.0 FEET NO (1) MAXIMUM BUILDING HEIGHT

(1) VARIANCE REQUESTED

(2) WHEN A LOT OR LOTS OR PART THEREOF IN A B-3 ARTERIAL BUSINESS DISTRICT ABUTS A RESIDENTIAL DISTRICT, THE LOT OR LOTS OR PART THEREOF SO ABUTTING SHALL BE GOVERNED BY THE HEIGHT REGULATIONS FOR THE RESIDENTIAL DISTRICT ABUTTING.

DESCRIPTION:

- BEING MORE COMMONLY KNOWN AS No. 347-351 WEST CLAY AVENUE, BOROUGH OF ROSELLE PARK, UNION COUNTY, NEW JERSEY.

GENERAL NOTES:

- 1. SITE AREA LOTS 1 & 2, BLOCK 307 = 19,052 S.F. (0.437 ACRES).
- 2. LOT 1 IS SITUATED IN THE B-3 ARTERIAL BUSINESS DISTRICT ZONE AND LOT 2 IS SITUATED IN THE R-2 TWO-FAMILY RESIDENTIAL ZONE AS SHOWN ON BOROUGH OF ROSELLE PARK ZONING MAP.
- 3. BOUNDARY & TOPOGRAPHIC INFORMATION PREPARED BY HARBOR CONSULTANTS INC., DATED MARCH 14, 2017
- 4. ALL PROPOSED CONSTRUCTION TO BE IN CONFORMANCE WITH BOROUGH OF ROSELLE PARK STANDARD DETAILS.
- 5. ALL SIDEWALKS/PEDESTRIAN IMPROVEMENTS SHALL BE CONSTRUCTED IN CONFORMANCE WITH ALL ADA AND NJ BARRIER FREE SUB CODE

SANITARY SEWER CONTRIBUTION

14 TWO BEDROOM UNITS • 225 GPD/UNIT = 3,150 GPD

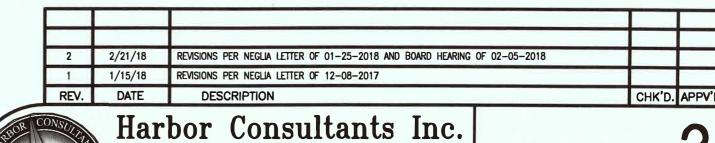
1,588 SF (RETAIL) • 0.100 GPD/SF = 159 GPD TOTAL = 3,309 GPD

PARKING ANALYSIS

14 TWO BEDROOM UNITS • 2 SPACE/UNIT = 28 SPACES 1,588 SF (RETAIL) • 1 SPACE/200 SF = 8 SPACES

TOTAL SPACES REQUIRED = 36 SPACES TOTAL SPACES PROVIDED = 31 SPACES (1)

(1) VARIANCE REQUESTED





Engineers & Surveyors 320 NORTH AVENUE EAST CRANFORD, N.J. 07016 Phone (908) 276-2715 Fax (908) 709-1738

Email: info@hcicg.net

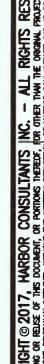
PRELIMINARY AND FINAL SITE PLAN LAYOUT AND DIMENSIONING PLAN No. 347-351 WEST CLAY AVENUE

LOTS 1 & 2, BLOCK 307 BOROUGH OF ROSELLE PARK UNION COUNTY **NEW JERSEY** 8/29/17 C.V.F. V.E.V. 2017027_L&D

PROFIESIONAL ENGINEER & LAND SURVEYOR NEW JERSEY LICENSE No. 34460 IFICATE OF AUTHORIZATION No. PROJECT No:

2017027

24GA27962100



STREET SIGN CLEANOUT SANITARY MANHOLE

DRAINAGE MANHOLE EXIST. SPOT ELEVATION CATCH BASIN ——10—— EXISTING CONTOUR LINE CATCH BASIN SOIL BORING UTILITY POLE

P.K. NAIL FOUND

CONC. MONUMENT FOUND

LEGEND

GAS VALVE WATER VALVE

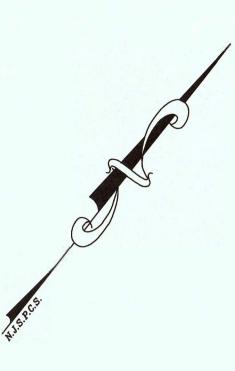
FIRE HYDRANT

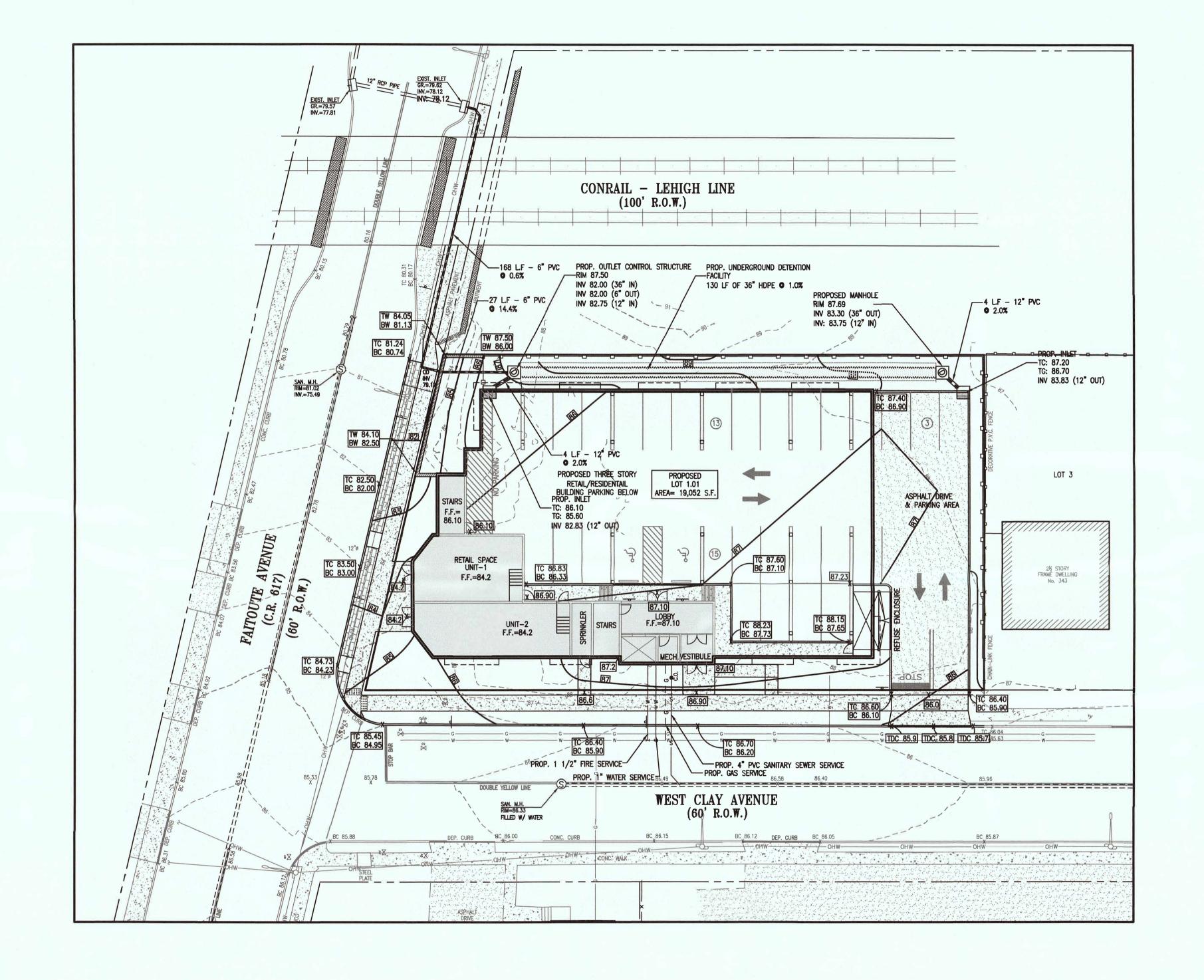
LIGHT POST

IRON BAR FOUND

MAILBOX

STREET TREE

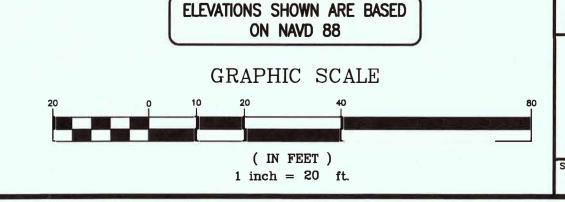




LEGEND

	STREET SIGN	0	IRON BAR FOUND
•	CLEANOUT		MAILBOX
S	SANITARY MANHOLE		STREET TREE
(D)	DRAINAGE MANHOLE	X 0.00	EXIST. SPOT ELEVATION
	CATCH BASIN	— — 10 — —	EXISTING CONTOUR L
	CATCH BASIN	——- G——	GAS LINE
&	SOIL BORING	 w	WATER LINE
-0	GUY WIRE	SV	GAS VALVE
Ф	UTILITY POLE	×	WATER VALVE
•	P.K. NAIL FOUND	盆	FIRE HYDRANT
⊡	CONC. MONUMENT FOUND	\Rightarrow	LIGHT POST

DIG SAFELY - NEW JERSEY CALL BEFORE YOU DIG 1-800-272-1000 IT'S THE LAW Dig Safely NEW JERSEY ONE CALL CONTRACTORS SHALL CALL 1-800-272-1000 MINIMUM THREE DAYS, MAXIMUM 10 DAYS NOTICE PRIOR TO BEGINNING EXCAVATION



1. ELEVATIONS SHOWN ARE BASED ON NAVD88 DATUM.

2. PROPERTIES ARE SITUATED IN FLOOD ZONE X PER A PLAN ENTITLED "FIRM" FLOOD INSURANCE RATE MAP, FOR THE BOROUGH OF ROSELLE PARK COMMUNITY/PANEL No. 340473 0022 F, MAP No. 34039C0022F EFFECTIVE DATE SEPTEMBER 20th, 2006.

3. UNDERGROUND UTILITIES WERE MARKED OUT AT TIME OF SURVEY.

4. THE LOCATION OF UNDERGROUND UTILITIES SHOWN HEREON IS APPROXIMATE AND BASED UPON FIELD OBSERVATION AND THE BOROUGH OF ROSELLE PARK UTILITY KEY MAPS.

5. PUBLIC SEWER, WATER, GAS, ELECTRIC, CATV, AND TELEPHONE SERVICES ARE PRESENTLY SERVING THE PROPERTY, AND WILL SERVE THE

6. THE LOCATION OF ALL UNDERGROUND UTILITIES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE TO BE FIELD VERIFIED PRIOR TO ANY CONSTRUCTION ACTIVITIES. ANY DISCREPANCIES BETWEEN PLAN AND FIELD INFORMATION ARE TO BE REPORTED IMMEDIATELY TO HARBOR CONSULTANTS.

7. THE DISRUPTION OF EXISTING UTILITY SERVICES SHALL BE AVOIDED TO THE GREATEST EXTENT POSSIBLE. ANY REQUIRED DISRUPTION OF SERVICES SHALL BE COORDINATED IN ADVANCE WITH THE RESPECTIVE AUTHORITY AND AFFECTED USERS SHALL BE ADEQUATELY NOTIFIED. 8. THIS SITE PLAN MAKES NO CERTIFICATION OR REPRESENTATION AS TO THE LOCATION OF ANY UNDERGROUND ELECTRICAL, PHONE OR

9. ALL PROPOSED CONSTRUCTION TO BE IN CONFORMANCE WITH BOROUGH OF ROSELLE PARK DETAILS.

11. THE APPLICANT SHALL BE RESPONSIBLE TO ADDRESS ANY POST CONSTRUCTION DRAINAGE ISSUES AS S RESULT OF THE PROJECT AT THE OWNERS EXPENSE TO THE SATISFACTION OF THE BOROUGH CONSTRUCTION DEPARTMENT AND BOROUGH ENGINEER.

	2	2/21/18	REVISIONS PER NEGLIA LETTER OF 01-25-2018 AND BOARD HEARING OF 02-05-2018		
	1	1/05/18	REVISIONS PER NEGLIA LETTER OF 12-08-2017		
	REV.	DATE	DESCRIPTION	CHK'D.	APPV'D
ABOR C	ONSULFIA	Har	bor Consultants Inc.		A

Engineers & Surveyors 320 NORTH AVENUE EAST

CRANFORD, N.J. 07016 Phone (908) 276-2715 Fax (908) 709-1738 Email: info@hcicg.net

PRELIMINARY AND FINAL SITE PLAN GRADING AND UTILITY PLAN No. 347-351 WEST CLAY AVENUE LOTS No. 1 AND 2, BLOCK No. 307

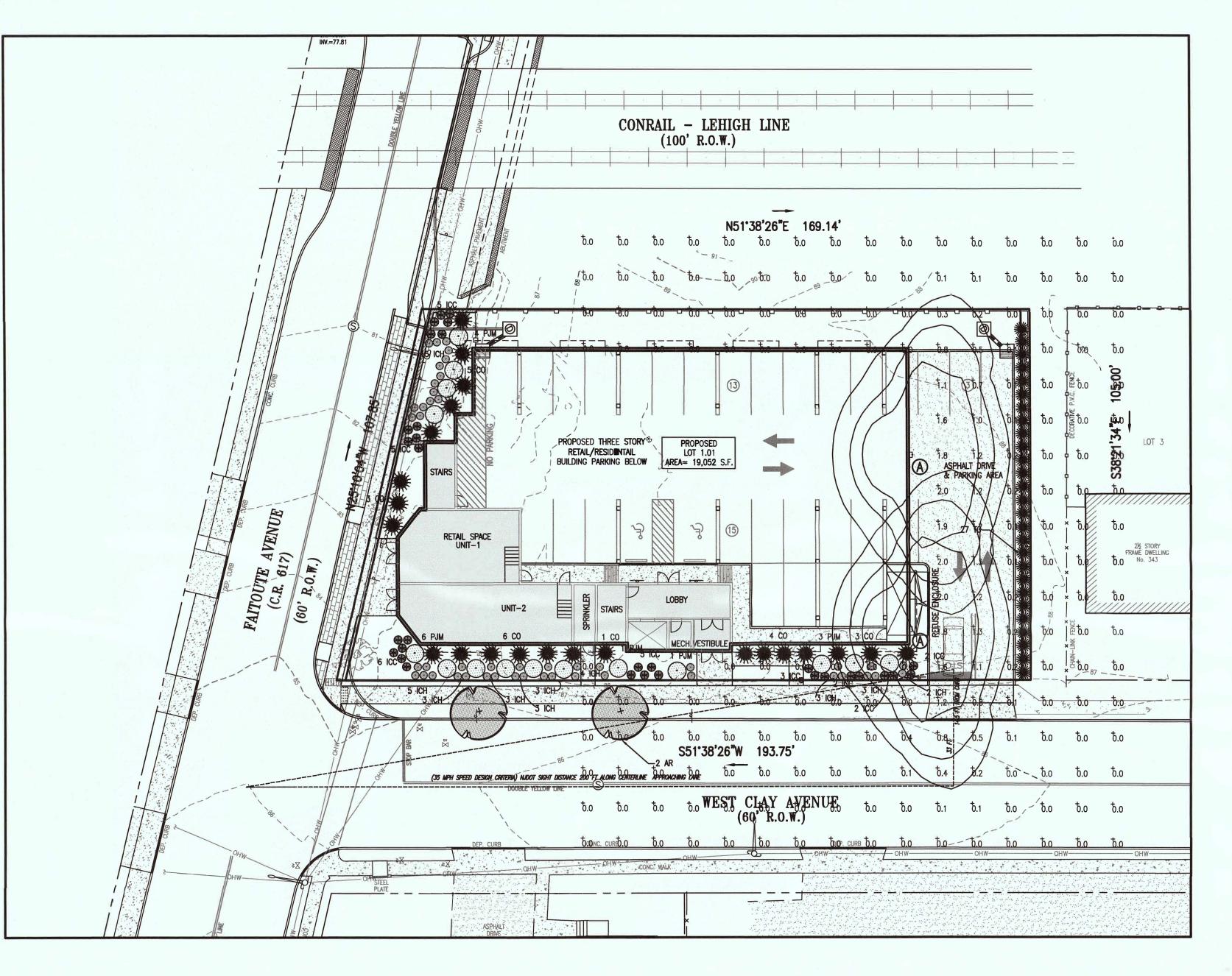
BOROUGH OF ROSELLE PARK UNION COUNTY **NEW JERSEY** V.E.V. C.V.F./A.M. 2017027_G&U PROFESSIONAL ENGINEER & LAND SURVEYOR NEW JERSEY LICENSE No. 34460 RTIFICATE OF AUTHORIZATION No. PROJECT No:

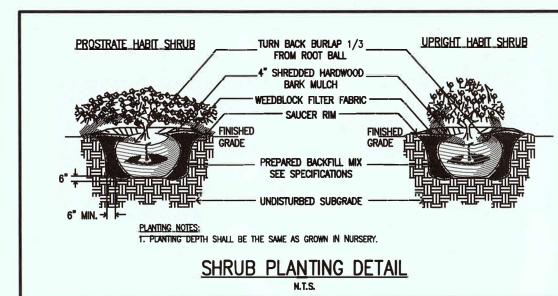
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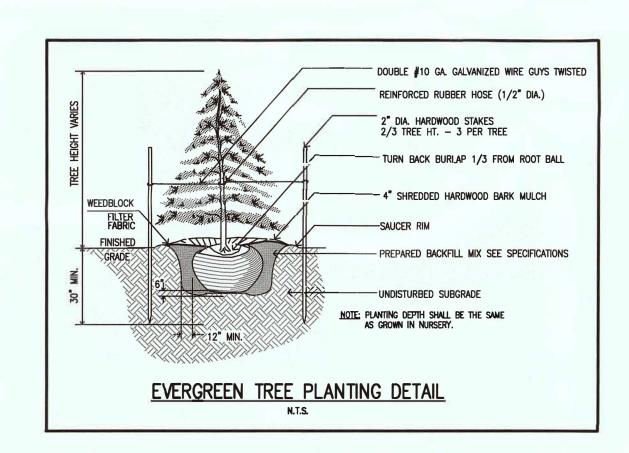
CABLE CONDUITS AND/ OR WIRES WHICH MAY BE PRESENT ON THE SITE.

10. THE GRADING AND DRAINAGE FOR THE SITE SHALL BE CONSTRUCTED SUCH THAT THERE IS NO ADVERSE IMPACT ONTO ADJACENT

12. ALL NEW UTILITIES SHALL BE LOCATED UNDERGROUND.







PROPOSED PLANT LIST							
				DESCRIPTION			
KEY	QTY	BOTANICAL NAME	COMMON NAME	HEIGHT / CALIPER	ROOT		
AR	2	ACER RUBRUM	RED MAPLE	8 - 10 FEET / 4-IN Cal.	B & B		
CO	22	CHAMAECYPARIS OBTUSA 'GRACILIS'	HINOKI CYPRESS	4 TO 5 FEET	B & B		
ICC	44	ILEX CRENATA 'COMPACTA'	COMPACT JAPANESE HOLLY	24 - 30"	#5 CAN		
ICH	30	ILEX CRENATA 'HELLERI'	DWARF JAPANESE HOLLY	24 - 30"	#5 CAN		
PJM	15	RHODODENDRON COROLINEANA X PJM	PJM RHODODENDRON	36 INCHES	B & B		
TO	27	THUJA OCCIDENTALIS 'NIGRA'	DARK AMERICAN ARBORVITAE	5 - 6 FEET	B & B		

19. TREE STAKES AND GUY WIRES TO BE CHECKED AFTER FIRST YEAR ALONG WITH CONDITIONS OF PLANT MATERIAL. STAKES AND GUY WIRES SHALL BE REMOVED AFTER A ONE YEAR PERIOD. 20. TOPSOIL OR SEED ALL DISTURBED AREAS AS A RESULT OF ANY AND ALL CONSTRUCTION OR STORAGE EQUIPMENT, WHETHER AREAS ARE SHOWN ON THE PLANS OR NOT. CONTRACTOR TO FIELD VERIFY AREAS OF SEED. 21. THE FOLLOWING SEED MIXTURES SHALL BE USED WITHIN THE AREAS SPECIFIED: LAWN_AREAS

PERENIAL RYEGRASS

OPTIMUM SEEDING DATES: 2/15 TO 5/1 AND 8/15 TO 10/15 22. NO GRADING, PLANTING OR STRUCTURE SHALL BE ERECTED OR MAINTAINED MORE THAN THREE (3) FEET ABOVE THE STREET CENTER LINE IN THE ESTABLISHED SIGHT TRIANGLES. ANY PROPOSED OR EXISTING STREET TREES LOCATED IN THE SIGHT TRIANGLE EASEMENTS SHALL BE PRUNED UP TO EIGHT (8) FEET ABOVE FINISHED GRADE.

PLANTING NOTES

2. THE CONTRACTOR SHALL SUPPLY ALL PLANT MATERIAL IN QUANTITIES SUFFICIENT TO COMPLETE THE PLANTING SHOWN ON THE LANDSCAPING

6. ALL PLANTS SHALL BE BALLED AND WRAPPED OR CONTAINER GROWN AS SPECIFIED. NO CONTAINER GROWN STOCK WILL BE ACCEPTED IF IT IS ROOT BOUND. ALL ROOT WRAPPING MATERIAL MADE OF SYNTHETICS OR PLASTICS SHALL BE REMOVED AT THE TIME OF PLANTING.

7. WITH CONTAINER GROWN STOCK, THE CONTAINER SHALL BE REMOVED AND THE CONTAINER BALL SHALL BE CUT THROUGH THE SURFACE IN THREE VERTICAL LOCATIONS.

8. THE DAY PRIOR TO PLANTING, THE LOCATION OF ALL TREES AND SHRUBS SHALL BE STAKED IN THE FIELD. AT THAT TIME, THE LOCATIONS OF THE PLANTING MATERIAL SHALL BE APPROVED BY THE PROJECT LANDSCAPE ARCHITECT.

10. ALL PLANT MATERIAL SHALL BE TAGGED AT THE NURSERY, INDICATING BOTANICAL NAME, COMMON NAME, VARIETY AND SIZE. IT IS ASSUMED THAT ALL PLANT MATERIAL IS AVAILABLE IN CENTRAL NEW JERSEY.

16. TOPSOIL SHALL BE SANDY LOAM, FREE FROM SUBSOIL, STONES LARGER THAN ONE INCH, OR ANY UNDESIRABLE MATERIAL. IT IS RECOMMENDED

17. ALL PLANTS SHALL BE WATERED THOROUGHLY, TWICE DURING THE FIRST 24—HOUR PERIOD AFTER PLANTING. ALL PLANTS SHALL BE WATERED WEEKLY OR MORE OFTEN, IF NECESSARY, DURING THE FIRST GROWING SEASON.

18. ALL PLANTS AND THE ENTIRE SHRUB BED SHALL RECEIVE A MINIMUM OF A 4 INCH LAYER OF SHREDDED HARDWOOD BARK MULCH. MULCH

11. AT PLANTING TIME, ALL PLANTS SHALL BE THINNED BY REMOVING A BALANCED ONE — THIRD OF THE VEGETATION MATERIAL

3. ALL PLANT MATERIAL SHALL CONFORM TO THE GUIDELINES ESTABLISHED BY THE CURRENT "AMERICAN STANDARD FOR NURSERY STOCK:", PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMAN OR EQUIVALENT.

5. ALL PLANTS SHALL BEAR THE SAME RELATIONSHIP TO FINISHED GRADE AS THE PLANT'S ORIGINAL GRADE BEFORE DIGGING.

1. THE CONTRACTOR SHALL LOCATE AND VERIFY THE EXISTENCE OF ALL UTILITIES PRIOR TO STARTING WORK.

4. NO PLANT SHALL BE PUT INTO THE GROUND BEFORE ROUGH GRADING HAS BEEN FINISHED.

9. ALL PLANT MATERIAL SHALL BE SELECTED AT THE NURSERIES BY THE PROJECT LANDSCAPE ARCHITECT.

12. ALL TREES TO BE TREE FORM AND CLEAR OF BRANCHES TO SEVEN FEET ABOVE GROUND. 13. ALL PLANTS SHALL BE SPRAYED WITH AN ANTIDESSICANT WITHIN 24 HOURS AFTER PLANTING.

THAT A MINIMUM OF 4" OF TOP SOIL IS PROVIDED FOR ALL LAWN AND LANDSCAPED AREAS.

ALL PINES TO WITHIN 3 INCHES OF BRANCH ENDS. OVER 10 MIL FABRIC EQUAL TO "WEEDBLOCK".

15. ALL PLANTS AND STAKING SHALL BE SET PLUMB UNLESS OTHERWISE SPECIFIED.

14. ALL PLANTS SHALL BE INSTALLED AS PER DETAILS.

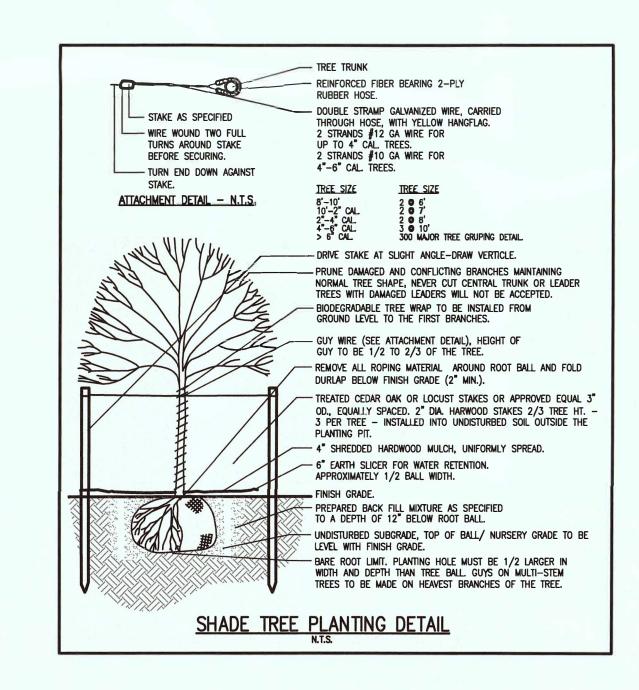
KENTUCKY BLUE GRASS HARD FESCUE

PERENIAL RYEGRASS

23. IF CLEARING OF THE EXISTING VEGETATION EXTENDS BEYOND THE LIMITS SHOWN, ADDITIONAL PLANTINGS SHALL BE ADDED AT THE DIRECTION OF THE PLANNING BOARD LANDSCAPE ARCHITECT ALONG THE PERIPHERIES OF THE SITE FOR SCREENING PURPOSES. NO TREE SHALL BE LOCATED CLOSER THAN 15 FEET TO ANY LIGHT POLE. 24. LOCATION AND SPECIES OF TREES WILL BE FIELD ADJUSTED AT THE TIME OF INSTALLATION IF THE LANDSCAPE ARCHITECT FINDS THAT

CONFLICTS OCCUR BETWEEN LANDSCAPING AND LIGHTING. 25. SHOULD DESCRIPENCIES OCCUR BETWEEN THE QUANTITY OF PLANTINGS SHOWN ON THE PLANTING SHEDULE AND THE PLANS, THE NUMBER AS SHOWN ON THE PLANS SHOULD BE HELD.

26. ALL SHADE TREES MUST BE PLANTED A MINIMUM OF TEN (10) FEET FROM THE EDGE OF ANY DRIVEWAY OR LIGHT POLE. NO TREES SHALL BE PLANTED CLOSER THAN TEN (10) FEET TO ANY UTILITY.



MIRADA WALL SCONCE (XWM)

MIRADA WALL SCONCE LUMINAIRE

	PROPOSED LIGHTING FIXTURE LIST			
SYMBOL	KEY	QTY	LIGHT FIXTURE DESCRIPTION	
<u></u>	A	2	LSI INDUSTRIES XWM-2-LED-03-30-VOLTS-FINISH (MOUNTED AT 14')	
Na.				

NOTE: LED LIGHTS SHALL CONTAIN BACKLIGHT CONTROL, SHIELDING, AND SPILL PREVENTION MEASURES.

LEGEND

IRON BAR FOUND

EXIST. SPOT ELEVATION

MAILBOX

STREET TREE

WATER LINE

GAS VALVE

WATER VALVE

FIRE HYDRANT

LIGHT POST

STREET SIGN

CATCH BASIN

CATCH BASIN

SOIL BORING

UTILITY POLE

CONC. MONUMENT FOUND

SANITARY MANHOLE

ELEVATIONS SHOWN ARE BASED ON NAVD 88

GRAPHIC SCALE (IN FEET) 1 inch = 20 ft.

_				_
2	2/21/18	REVISIONS PER NEGLIA LETTER OF 01–25–2018 AND BOARD HEARING OF 02–05–2018	_	\vdash
1	1/15/18	REVISIONS PER NEGLIA LETTER OF 12-08-2017		
REV.	DATE	DESCRIPTION	CHK'D.	APP

Harbor Consultants Inc.
Engineers & Surveyors 320 NORTH AVENUE EAST CRANFORD, N.J. 07016 Phone (908) 276-2715 Fax (908) 709-1738 Email: info@hcicg.net

PRELIMINARY AND FINAL SITE PLAN LANDSCAPING AND LIGHTING PLAN No. 347-351 WEST CLAY AVENUE LOTS No. 1 AND 2, BLOCK No. 307

BOROUGH OF ROSELLE PARK UNION COUNTY **NEW JERSEY** C.V.F./A.M. 8/29/17 1"=20' V.E.V. 2017027_L&L



CONRAIL - LEHIGH LINE (100' R.O.W.) N51°38'26"E 169.14' LIMIT OF DISTURBANCE 98 SILT FENCE (TYP _____ STOCKING PILE PROPOSED THREE STORY LOT 3 PROPOSED RETAIL/RESIDENTAIL LOT 1.01 AREA= 19,052 S.F. BUILDING PARKING BELOW RETAIL SPACE _____ DOUBLE YELLOW LINE OFF-SITE LIMIT OF WEST CLAY AVENUE PROPOSED STABILIZED DISTURBANCE (TYP) CONSTRUCTION ENTRANCE FILLED W/ WATER BC 86.12 **DEP. CURB**

EXISTING R.O.W. PROFILE PROVIDE APPROPRIATE TRANSITION BETWEEN STABILIZED CONSTRUCTION 25 FEET MINIMUM ENTRANCE & PUBLIC RIGHT-OF-WAY GROUND RIGHT-OF-WAY

LEGEND

IRON BAR FOUND

EXIST. SPOT ELEVATION

EXISTING CONTOUR LINE

MAILBOX

STREET TREE

water line

GAS VALVE

WATER VALVE

FIRE HYDRANT

LIGHT POST

STREET SIGN

CATCH BASIN

CATCH BASIN

SOIL BORING

UTILITY POLE

CONC. MONUMENT FOUND

SANITARY MANHOLE

DRAINAGE MANHOLE

CLEANOUT

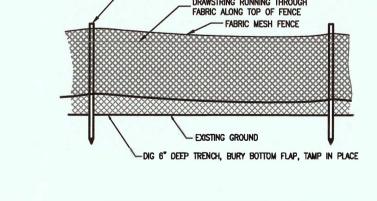
STABILIZED CONSTRUCTION ENTRANCE SPECIFICATIONS 1. STONE SIZE - USE ASTM C-33, SIZES NO. 2 OR 3. USE CRUSHED STONES. 2. LENGTH - AS EFFECTIVE, BUT NOT LESS THAN 50 FEET.

3. THICKNESS - NOT LESS THAN 8 INCHES. WIDTH - NOT LESS THAN FULL WIDTH OF ALL POINTS OF INGRESS OR EGRESS, BUT IN NO CASE LESS THAN 15' WIDE. 5. WASHING — WHEN NECESSARY. WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT OF WAY.

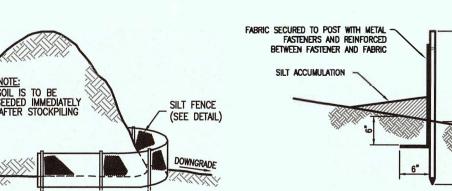
WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE WHICH DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN. ALL. SEDIMENT SHALL BE PREVENTED FROM ENTERING ANY STORM DRAIN, DITCH, OR WATER COURSE THROUGH USE OF SAND BAGS, GRAVEL, BOARDS, OR OTHER APPROVED METHOOS.

6. MAINTENANCE — THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT OF WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PUBLIC RIGHT OF WAY MUST BE REMOVED IMMEDIATELY. 7. AT POORLY DRAINED LOCATIONS, SUBSURFACE DRAINAGE SHALL BE INSTALLED BEFORE INSTALLATION.

STABILIZED CONSTRUCTION ENTRANCE



FENCE POSTS 8' ON CENTER



TOPSOIL STOCKPILING DETAIL SILTATION_FENCE_DETAIL

STANDARD FOR STABILIZATION WITH MULCH ONLY

(REVISED PER "NJ STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL" 7th EDITION, JANARY 2014) METHODS AND MATERIALS

I. SITE PREPERATIONS: A. GRADE, AS NEEDED AND FEASIBLE, TO PERMIT THE USE OF CONVENTIONAL EQUIPMENT FOR SEEDBED PREPARATION,

SEEDING, MULCH APPLICATION, AND MULCH ANCHORING. ALL GRADING SHOULD BE DONE IN ACCORDANCE WITH STANDARDS

B. INSTALL NEEDED EROSION CONTROL PRACTICES OR FACILITIES SUCH AS DIVERSIONS, GRADE STABILIZATION STRUCTURES,

CHANNEL STABILIZATION MEASURES, SEDIMENT BASINS, AND WATERWAYS. SEE STANDARDS 11 THROUGH 42.

II. PROTECTIVE MATERIALS:

A. UNROTTED SMALL-GRAIN STRAW, AT 2.0 TO 2.5 TONS PER ACRE, IS SPREAD UNIFORMLY AT 90 TO 115 POUNDS PER 1,000 SQUARE FEET AND ACHORED WITH A MUCH ANCHORING TOOL, LIQUID MULCH BINDERS, OR NEETING TIE DOWN. OHTER SUITABLE MATEIRALS MAY BE USED IF APPROVED BY THE SOIL CONSERVATION DISTRICT. THE APPROVED RATES ABOVE HAVE BEEN MET WHEN THE MUCH COVERS THE GROUND COMPLETELY UPON VISUAL INSPECTION, i.e. THE SOIL CANNOT BE SEEN BELOW THE MULCH.

B. (ELIMINATED FROM 7th EDITION, JANUARY 2014)

C. SYNTHETIC OR ORGANIC SOIL STABILIZERS MAY BE USED UNDER SUITABLE CONDITIONS AND IN QUANTITIES AS RECOMMENDED BY THE MANUFACTURER.

D. WOOD-FIBER OR PAPER-FIBER MULCH AT THE RATE OF 1,500 POUNDS PER ACRE (OR ACCORDING TO THE MANUFACTURER'S REQUIREMENTS) MAY BE APPLIED BY A HYDROSEEDER.

E. MULCH NETTING, SUCH AS PAPER JUTE, EXCELSIOR, COTTON, PLACTIC, MAY BE USED.

F. WOODCHIPS APPLIED UNIFORMILY TO A MINIMUM DEPTH OF 2 INCHES MAY BE USED. WOODCHIPS WILL NOT BE USED ON AREAS WHERE FLOWING WATER COULD WASH THEM INTO AN INLET AND PLUG IT.

G. GRAVEL, CRUSHED STONE, OR SLAG AT THE RATE OF 9 CUBIC YARDS PER 1,000 SQ. FT. APPLIED UNIFORMILY TO A MINIMUM DEPTH OF 3 INCHES MAY BE USED. SIZE 2 OR 3 (ASTM C-33) IS RECOMMENDED.

SHOULD BE ACCOMPLISHED IMMEDIETLY AFTER PLACEMENT OF HAY OR STRAW MULCH TO MINIMIZE LOSS BY WIND OR WATER. THIS MAY BE DONE BY ONE OF THE FOLLOWING METHODS, DEPENDING UPON THE SIZE OF THE AREA AND STEEPNESS OF

DRIVE 8 TO 10 INCH WOODEN PEGS TO WITHIN 2 TO 3 INCHES OF THE SOIL SURFACE EVERY 4 FEET IN ALL DIRECTIONS. STAKES MAY BE DRIVEN BEFORE OF AFTER APPLYING MULCH. SECURE MULCH TO SOIL SURFACE BY STRECHING TWINE BETWEEN PEGS IN A CRISS-CROSS AND A SQUARE PATTERN. SECURE TWINE AROUND EACH PEG WITH TWO OR MORE ROUND

B. MULCH NETTINGS: STAPLE PAPER, COTTON, OR PLASTIC NETTINGS OVER MULCH. USE A DEGRADABLE NETTING IN AREAS TO BE MOWED. NETTING IS USUALLY AVAILABLE IN ROLLS 4 FEET WIDE AND UP TO 300 FEET LONG.

C. CRIMPER MULCH ANCHORING COULTER TOOL: A TRACTOR-DRAWN IMPLEMENT ESPECIALLY DESIGNED TO PUNCH AND ANCHOR MULCH INTO THE SOIL SURFACE. THIS PRACTICE AFFORDS MAXIMUM EROSION CONTROL, BUT ITS USE IS LIMITED TO THOSE SLOPES UPON WHICH THE TRACTOR CAN OPERATE SAFELY. SOIL PENETRATION SHOULD BE DONE ABOUT 3 TO 4 INCHES. ON SLOPING LAND, THE OPERATION SHOULD BE DONE ON THE CONTOUR.

D. LIQUID MULCH-BINDERS: 1. APPLICATIONS SHOULD BE HEAVIER AT EDGES WHERE WIND CATCHES THE MULCH, IN VALLEYS, AND AT CRESTS OF BANKS. REMAINDER OF AREA SHOULD BE UNIFORM IN APPEARANCE.

2. USE ONE OF THE FOLLOWING: A. ORGANIC AND VEGETABLE BASED BINDERS - NATURALLY OCCURRING, POWDER BASED, HYDROPHILIC MATERIALS THAT MIXED WITH WATER FORMULATES A GEL AND WHEN APPLIED TO MULCH UNDER SATISFACTORY CURING CONDITIONS WILL FORM MEMBRANED NETWORKS OF INSOLUBLE POLYMERS. THE VEGETABLE GEL SHALL BE PHYSIOLOGICALLY HARMLESS AND NOT RESULT IN A PHYTOTOXIC EFFECT OR IMPIDE GROUWTH OF TURFGRASS. VEGETABLE BASED GELS SHALL BE APPLIED AT RATES AND WEATHER CONDITIONS RECOMMENDED BY THE MANUFACTURER.

B. SYNTHETIC BINDERS - HIGH POLYMER SYNTHETIC EMULSION, MISCIBLE WITH WATER WHEN DILUTED AND FOLLOWING APPLICATION TO MULCH, DRYING AND CURING SHALL NO LONGER BE SOLUBLE OR DISPERSIBLE IN WATER. IT SHALL BE APPLIED AT RATES AND WEATHER CONDITIONS RECOMMENDED BY THE MANUFACTURER AND REMAIN TACKLY UNTIL GERMINATION OF GRASS.

SEEDING SCHEDULE

(REVISED PER "NJ STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL" 7th EDITION, JANARY 2014) 1. REMOVE FROM THE SURFACE ALL STONES TWO INCHES OR LARGER IN ANY DIMENSION, REMOVE ALL OTHER DEBRIS. SUCH AS WIRE, CABLE, TREE ROOTS, PIECES OF CONCRETE, CLODS, LUMPS OR OTHER UNSUITABLE MATERIAL

2. INSPECT SEEDBED JUST BEFORE SEEDING. IF TRAFFIC HAS LEFT SOIL COMPACTED, THE AREA MUST BE RETILLED AND FIRMED AS ABOVE.

3. TEMPORARY SEEDING SHALL CONSIST OF SPRING OATS APPLIED AT A RATE OF 2.0 LBS. PER 1,000 SF OR GRAIN RYE APPLIED AT A RATE OF 2.4 LBS. PER 1,000 SF. TEMPORARY SEEDING TO BE MAINTAINED UNTIL DISTURBED AREAS ARE PERMANENTLY STABILIZED WITH PERMANENT SEEDING. IF ANY SERIOUS EROSION PROBLEM OCCURS, THE ERODED AREAS SHALL BE REPAIRED AND STABILIZED WITH A MULCH AS INDICATED IN NOTE 6.

4. PERMANENT SEEDING SHALL CONSIST OF THE FOLLOWING MIXTURE OR APPROVED EQUAL. SITE CONTAINS SOIL HALEDON-URBAN LAND-HASBROUCK COMPLEX, O TO 8 PERCENT SLOPES CLASSIFIED AS "SOMEWHAT POORLY DRAINED" AS PER NJ WEB SOIL SURVEY USDA

PLANTING MIXTURE TO BE USED: MIX-16 (RESIDENTIAL/COMMERCIAL USE) ROUGH BLUEGRASS @ 90 lb/Ac. STRONG CREEPING RED FESCUE • 130 lb/Ac.

SITE IS LOCATED WITHIN USDA PLANT HARDINESS ZONE 6b, PLANTING DATES: ACCEPTABLE DATE: 3/01 TO 4/30 ACCEPTABLE DATE: 5/01 TO 8/14 (**) OPTIMAL DATE: 8/15 TO 10/15

(**) SUMMER SEEDINGS SHOULD ONLY BE CONDUCTED WHEN THE SITE IS IRRIGATED. MIXES INCLUDING WHITE CLOVER REQUIRE THAT AT LEAST SIX SEEKS OF GROWING SEASON REMAIN AFTER SEEDING TO ENSURE

5. "PERMANENT SEEDING TO BE APPLIED BY CYCLONE SPREADER OR OTHER APPROVED METHOD, AT A RATE OF 150#/ACRE. SLOPED AREA TO BE COVERED WITH MULCH AS INDICATED IN NOTE 6".

6. FERTILIZER FOR THE ESTABLISHMENT OF TEMPORARY AND PERMANENT VEGETATIVE COVER SHALL BE 10-20-10 APPLIED AT A RATE OF 111b/1000 SF OR AS DETERMINED BY SOIL TESTS. LIMESTONE FOR TEMPORARY SEEDING SHALL BE APPLIED AT A RATE OF 901b/1000SF. LIMESTONE FOR PERMANENT SEEDING SHALL BE APPLIED AT A RATE OF 135lb/1000 SF.

7. IF SEASON PREVENTS THE ESTABLISHMENT OF TEMPORARY OR PERMANENT SEEDING, EXPOSED AREA TO BE

8. ALL SEEDED AREAS SHALL BE MULCHED. MULCH SHALL CONSIST OF SMALL GRAIN STRAW OR SALT HAY ANCHORED WITH A WOOD AND FIBER MULCH BINDER, LIQUID MULCH BINDER, OR AN APPROVED EQUAL AT A RATE OF 70-90 LBS. PER 1000 SF.

GENERAL NOTES:

 SOMERSET—UNION CONSERVATION DISTRICT
 SOMERSET COUNTY 4—H CENTER BRIDGEWATER, NJ 08807

(908)-526-2701 OWNER/APPLICANT: DIVERSE DEVELOPMENT LLC

94 HILLCREST DRIVE CLARK, NJ 07066 3. THIS PLAN IS ONLY TO BE USED AS A GUIDE TO THE IMPLEMENTATION OF SOIL EROSION CONTROL MEASURES. IT IS NOT TO BE USED FOR CONSTRUCTION. REFER TO GRADING & UTILITY PLAN AND SUPPLEMENTS

4. ALL ROADS AND WALKWAYS WILL BE SWEPT DAILY THROUGH THE DURATION OF CONSTRUCTION.

5. AREA WITHIN LIMIT OF DISTURBANCE 22,617 S.F. (0.52± ACRES)

SOIL EROSION AND SEDIMENT CONTROL NOTES

1. ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES ARE TO BE INSTALLED PRIOR TO ANY MAJOR SOIL DISTURBANCES, OR IN THEIR PROPER SEQUENCE, AND MAINTAINED UNTIL PERMANENT PROTECTION IS

2. ANY DISTURBED AREAS THAT WILL BE LEFT EXPOSED MORE THAN 30 DAYS, AND NOT SUBJECT TO

CONSTRUCTION TRAFFIC, WILL IMMEDIATELY RECEIVE A TEMPORARY SEEDING. IF THE SEASON PREVENTS THE ESTABLISHMENT OF A TEMPORARY COVER, THE DISTURBED AREAS WILL BE MULCHED WITH STRAW, OR EQUIVALENT MATERIAL, AT A RATE OF TWO (2) TONS PER ACRE, ACCORDING TO STATE STANDARDS.

3. PERMANENT VEGETATION TO BE SEEDED OR SODDED ON ALL EXPOSED AREAS WITHIN TEN (10)

DAYS AFTER FINAL GRADING. MULCHING IS REQUIRED ON ALL SEEDING. WHEN HYDROSEEDING, MULCH SHALL NOT BE INCLUDED IN THE TANK WITH THE SEED

4. ALL WORK TO BE DONE IN ACCORDANCE WITH THE STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NEW JERSEY.

5. A SUB-BASE COURSE WILL BE APPLIED IMMEDIATELY FOLLOWING ROUGH GRADING AND INSTALLATION OF IMPROVEMENTS TO STABILIZE STREETS, ROADS, DRIVEWAYS AND PARKING AREAS. IN AREAS WHERE NO UTILITIES ARE PRESENT, THE SUBBASE SHALL BE INSTALLED WITHIN 15 DAYS OF THE PRELIMINARY

6. IMMEDIATELY FOLLOWING INITIAL DISTURBANCES OR ROUGH GRADING, ALL CRITICAL AREAS SUBJECT TO EROSION (I.E. STEEP SLOPES AND ROADWAY EMBANKMENTS) WILL RECEIVE A TEMPORARY SEEDING IN

COMBINATION WITH STRAW MULCH OR A SUITABLE EQUIVALENT, AT A RATE OF TWO (2) TONS PER ACRE,

ACCORDING TO STATE STANDARDS.

7. ANY STEEP SLOPES RECEIVING PIPELINE INSTALLATION WILL BE BACKFILLED AND STABILIZED DAILY, AS THE INSTALLATION CONTINUES (I.E. SLOPES GREATER THAN 3:1).

8. THE STANDARDS FOR STABILIZED CONSTRUCTION ACCESS REQUIRES THE INSTALLATION OF A STONE PAD OF 1 1/2" TO 2" STONE, AT ALL CONSTRUCTION DRIVEWAYS, IMMEDIATELY AFTER INITIAL SITE

9. IN ACCORDANCE WITH THE STANDARD FOR MANAGEMENT OF HIGH ACID PRODUCING SOILS, ANY SOIL HAVING A PH OF 4 OR LESS OR CONTAINING IRON SULFIDES SHALL BE COVERED WITH A MINIMUM OF TWELVE (12) INCHES OF SOIL HAVING A PH OF 5 OR MORE PRIOR TO SEEDBED PREPARATION. AREAS WHERE TREES OR SHRUBS ARE TO BE PLANTED SHALL BE COVERED WITH A MINIMUM OF TWENTY-FOUR (24) INCHES OF SOIL HAVING A PH OF 5 OR MORE.

10. THE SOMERSET-UNION SOIL CONSERVATION DISTRICT SHALL BE NOTIFIED IN WRITING 72 HOURS IN ADVANCE OF ANY LAND DISTURBING ACTIVITY.

11. AT THE TIME WHEN THE SITE PREPARATION FOR PERMANENT VEGETATION STABILIZATION IS GOING TO BE ACCOMPLISHED, ANY SOIL THAT WILL NOT PROVIDE A SUITABLE ENVIRONMENT TO SUPPORT ADEQUATE VEGETATIVE GROUND COVER IT, SHALL BE REMOVED OR TREATED IN SUCH A WAY THAT WILL PERMANENTLY ADJUST THE SOIL CONDITIONS AND RENDER IT SUITABLE FOR VEGETATIVE GROUND COVER. IF THE REMOVAL OR TREATMENT OF THE SOIL WILL NOT PROVIDE SUITABLE CONDITIONS, NON-VEGETATIVE MEANS OF PERMANENT GROUND STABILIZATION WILL HAVE TO BE EMPLOYED.

12. IN THAT N.J.S.A. 4:24-39 ET SEQ. REQUIRES THAT NO CERTIFICATES OF OCCUPANCY BE ISSUED BEFORE THE PROVISIONS OF THE CERTIFIED PLAN FOR SOIL EROSION AND SEDIMENT CONTROL HAVE BEEN COMPLIED WITH FOR PERMANENT MEASURES, ALL SITE WORK FOR SITE PLANS AND ALL WORK AROUND INDMIDUAL LOTS IN SUBDMISIONS, WILL HAVE TO BE COMPLETED PRIOR TO THE DISTRICT ISSUING A REPORT OF COMPLIANCE FOR THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY BY THE MUNICIPALITY.

13. CONDUIT OUTLET PROTECTION MUST BE INSTALLED AT ALL REQUIRED OUTFALLS PRIOR TO THE DRAINAGE SYSTEM BECOMING OPERATIONAL.

14. ANY CHANGES TO THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLANS WILL REQUIRE THE SUBMISSION OF REVISED SOIL EROSION AND SEDIMENT CONTROL PLANS TO THE DISTRICT FOR RE-CERTIFICATION. THE REVISED PLANS MUST MEET ALL CURRENT STATE SOIL EROSION AND SEDIMENT CONTROL STANDARDS.

15. UNFILTERED DEWATERING IS NOT PERMITTED. TAKE ALL NECESSARY PRECAUTIONS DURING ALL DEWATERING OPERATIONS TO MINIMIZE SEDIMENT TRANSFER. ANY DEWATERING METHODS USED MUST BE

16. SHOULD THE CONTROL OF DUST AT THE SITE BE NECESSARY, THE SITE WILL BE SPRINKLED UNTIL THE SURFACE IS WET, TEMPORARY VEGETATIVE COVER SHALL BE ESTABLISHED OR MULCH SHALL BE APPLIED IN ACCORDANCE WITH STATE STANDARDS FOR EROSION CONTROL.

17. ALL SOIL WASHED, DROPPED, SPILLED, OR TRACKED OUTSIDE THE LIMIT OF DISTURBANCE OR ONTO PUBLIC RIGHT-OF-WAY WILL BE REMOVED IMMEDIATELY

18. THE PROPERTY OWNER SHALL BE RESPONSIBLE FOR ANY EROSION OR SEDIMENTATION THAT MAY OCCUR BELOW STORM WATER OUTFALLS OR OFF SITE AS A RESULT OF CONSTRUCTION OF THE PROJECT.

19. STOCKPILE AND STAGING LOCATIONS DETERMINED IN THE FIELD, SHALL BE PLACED WITHIN THE LIMIT OF DISTURBANCE ACCORDING TO THE CERTIFIED PLAN. STAGING AND STOCKPILES NOT LOCATED WITHIN THE LIMIT OF DISTURBANCE WILL REQUIRE CERTIFICATION OF A REVISED SOIL EROSION AND SEDIMENT CONTROL PLAN. THE DISTRICT RESERVES THE RIGHT TO DETERMINE WHEN CERTIFICATION OF A NEW AND SEPARATE SOIL EROSION AND SEDIMENT CONTROL PLAN WILL BE REQUIRED FOR THESE ACTIVITIES.

20. ALL SOIL STOCKPILES AREA TO BE TEMPORARILY STABILIZED IN ACCORDANCE WITH SOIL EROSION AND SEDIMENT CONTROL NOTE #2.

SEQUENCE OF CONSTRUCTION OPERATIONS

<u>SE(</u>	ROTHOR OF CONSTRUCTION O	PERAHUNS
	ACTIVITY	TIME PERIOD
1.	Install silt fence.	1 Day
2.	Install stabilized construction entrance.	1 Day
3.	Demolish existing structures and associated improvements.	2 Weeks
4.	Strip topsoil, stockpile and stabilize.	2 Days
5.	Excavate and construct Foundation.	2 Month
6.	Back fill Foundation, rough grade site and apply temporary seeding and or mulch as required.	3 Days
7.	Begin Building construction.	9 Months
8.	Connect underground utilities.	2 Week
9.	Install services walkways and pave driveway.	3 Days
10.	Finish grading site and apply permanent stabilization measures.	1 Week
11.	Remove temporary soil erosion control measures	. 1 Day
12.	Complete Building and Landscaping.	2 Weeks

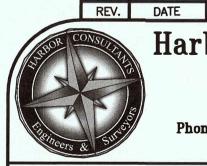
DIG SAFELY - NEW JERSEY



Dig Safely

NEW JERSEY ONE CALL CONTRACTORS SHALL CALL 1-800-272-1000 MINIMUM THREE DAYS, MAXIMUM 10 DAYS NOTICE PRIOR TO BEGINNING EXCAVATION

2/21/18 REVISIONS PER NEGLIA LETTER OF 01-25-2018 AND BOARD HEARING OF 02-05-2018 1/15/18 REVISIONS PER NEGLIA LETTER OF 12-08-2017 REV. DATE DESCRIPTION CHK'D. APPV'I



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PRELIMINARY AND FINAL SITE PLAN SOIL EROSION AND SEDIMENT CONTROL PLAN No. 347-351 WEST CLAY AVENUE

LOTS No. 1 AND 2, BLOCK No. 307

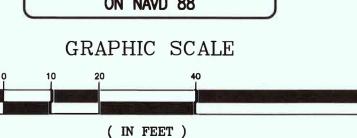
VICTOR E. VINEGRA PROFESSIONAL ENGINEER & LAND SURVEYOR NEW JERSEY LICENSE No. 34460

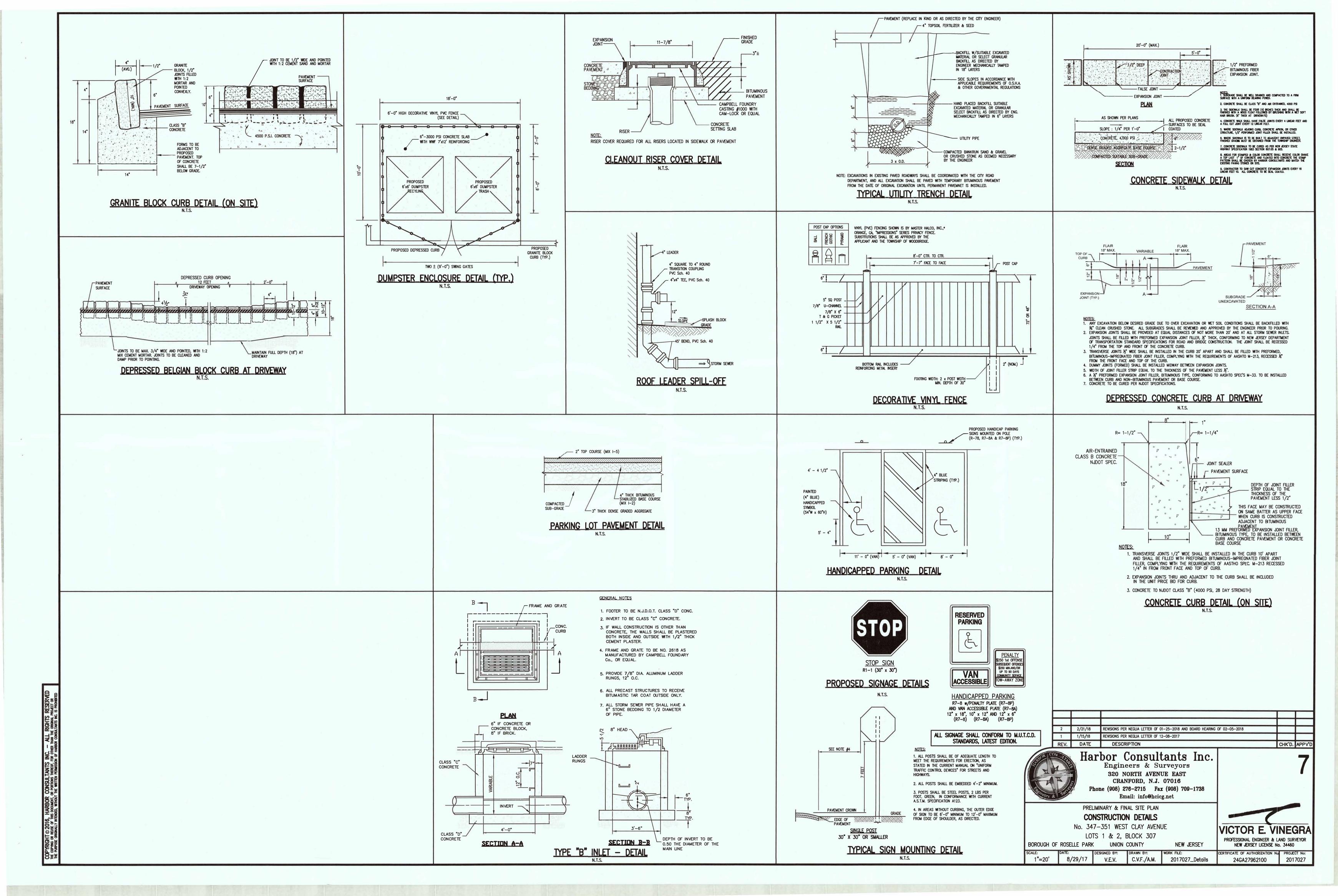
2017027

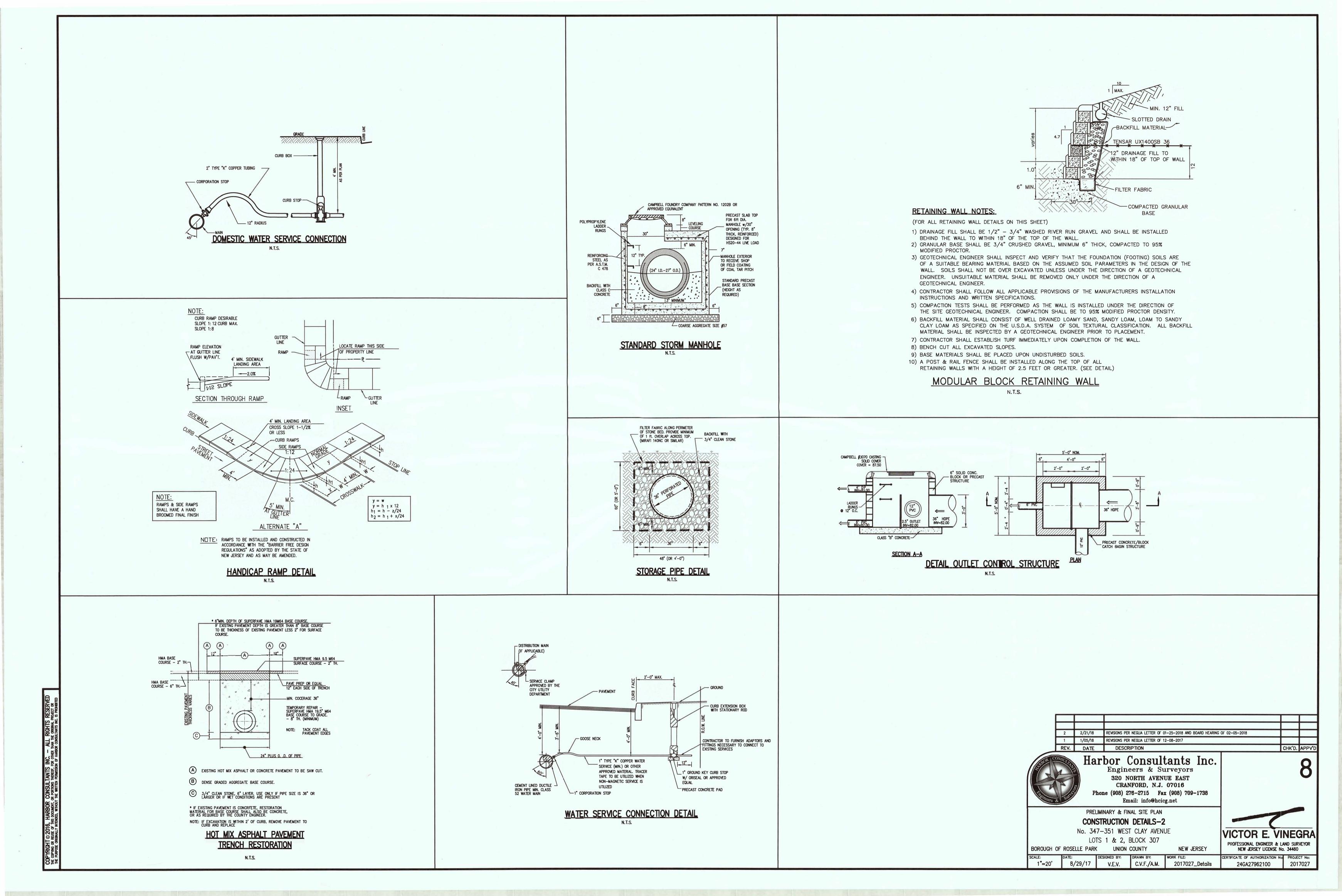
UNION COUNTY BOROUGH OF ROSELLE PARK NEW JERSEY 8/29/17 C.V.F./A.M. V.E.V. 2017027_SESC 24GA27962100

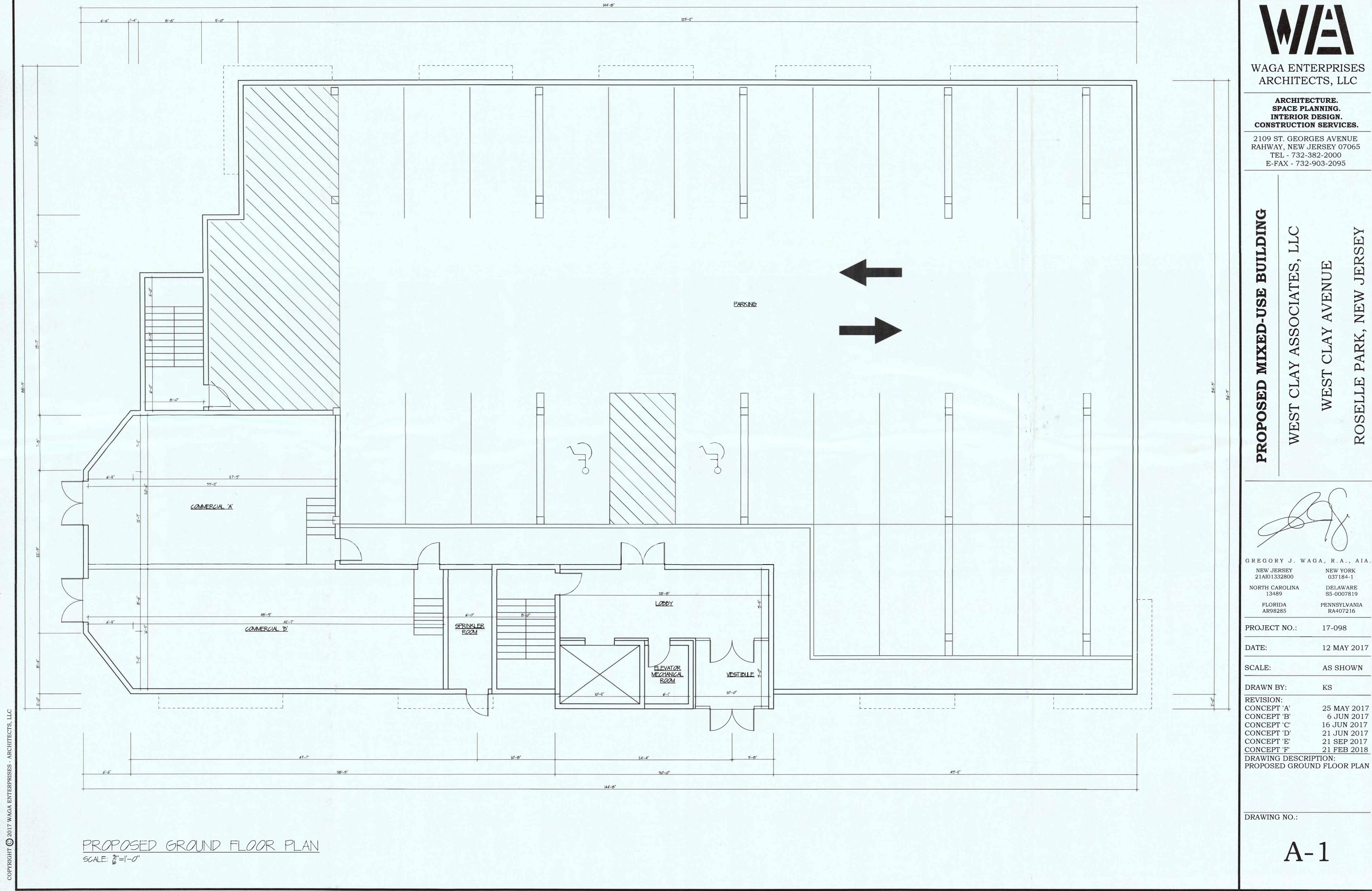
ELEVATIONS SHOWN ARE BASED ON NAVD 88

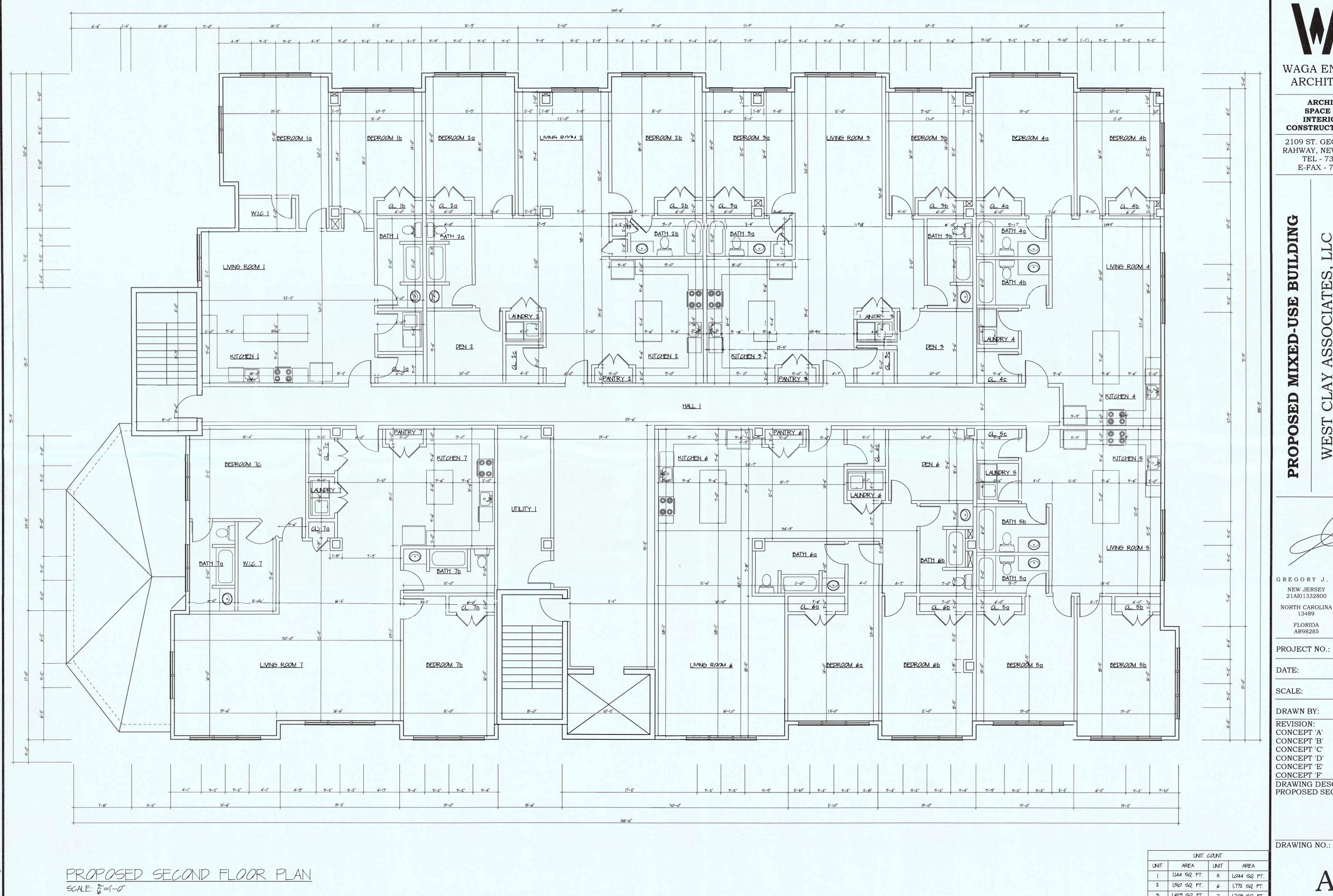
1 inch = 20 ft.











WAGA ENTERPRISES ARCHITECTS, LLC

ARCHITECTURE. SPACE PLANNING. INTERIOR DESIGN. CONSTRUCTION SERVICES.

2109 ST. GEORGES AVENUE RAHWAY, NEW JERSEY 07065 TEL - 732-382-2000 E-FAX - 732-903-2095

GREGORY J. WAGA, R.A., AIA. **NEW JERSEY NEW YORK** 21AI01332800 037184-1 DELAWARE

S5-0007819

PENNSYLVANIA

RA407216

17-098

KS

FLORIDA AR98285

12 MAY 2017 AS SHOWN

CONCEPT 'A' CONCEPT 'B' CONCEPT 'C'

25 MAY 2017 6 JUN 2017 16 JUN 2017 21 JUN 2017 21 SEP 2017 21 FEB 2018

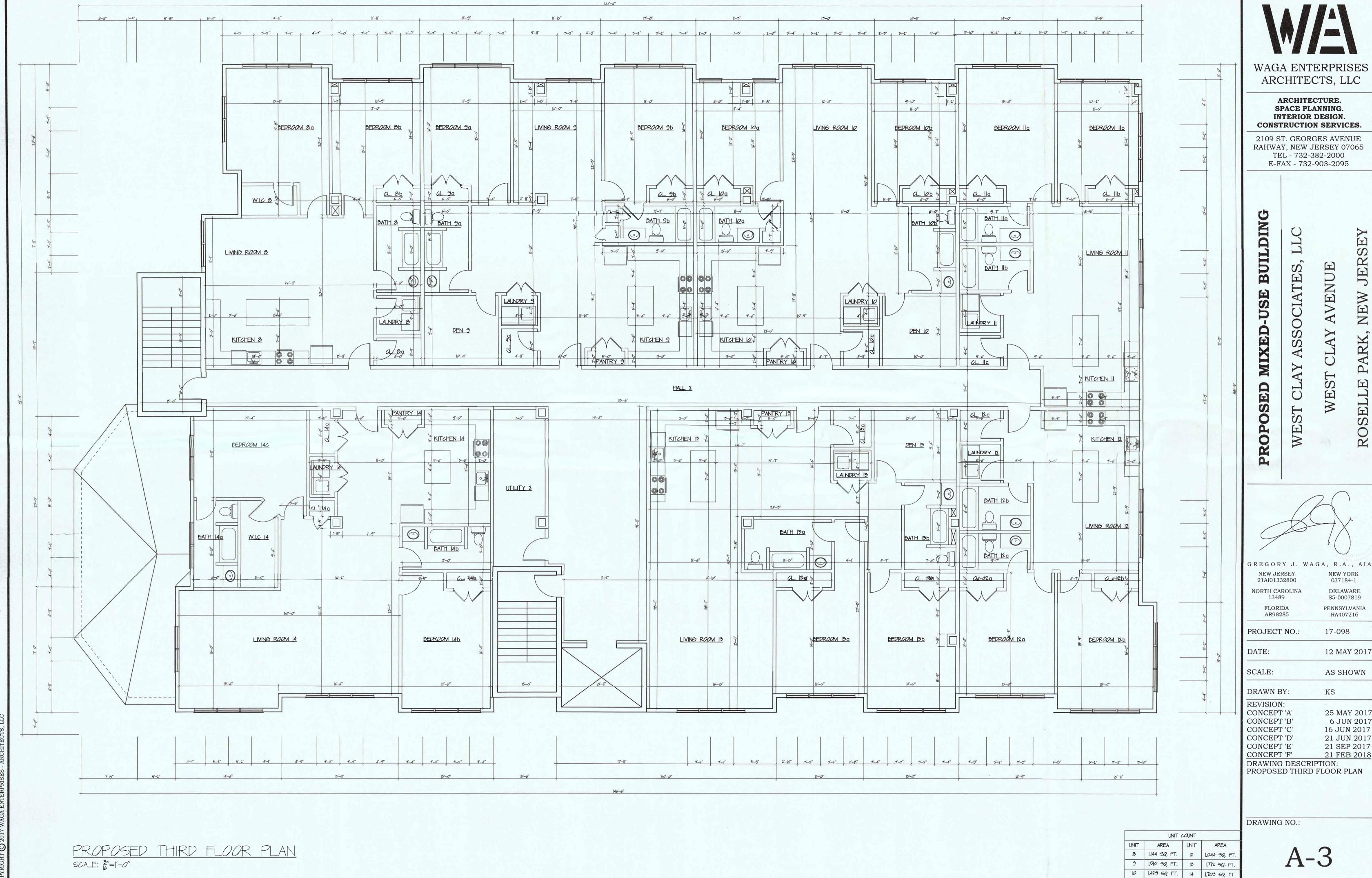
DRAWING DESCRIPTION: PROPOSED SECOND FLOOR PLAN

DRAWING NO.:

3 | 1,429 SQ. FT. 7 | 1,703 SQ. FT

4 1093 SQ. FT. TOTAL 9,695 SQ. FT.

a) INCLUSIVE OF EBRESS/ SHARED SPACES



WAGA ENTERPRISES

SPACE PLANNING. INTERIOR DESIGN.

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E-FAX - 732-903-2095

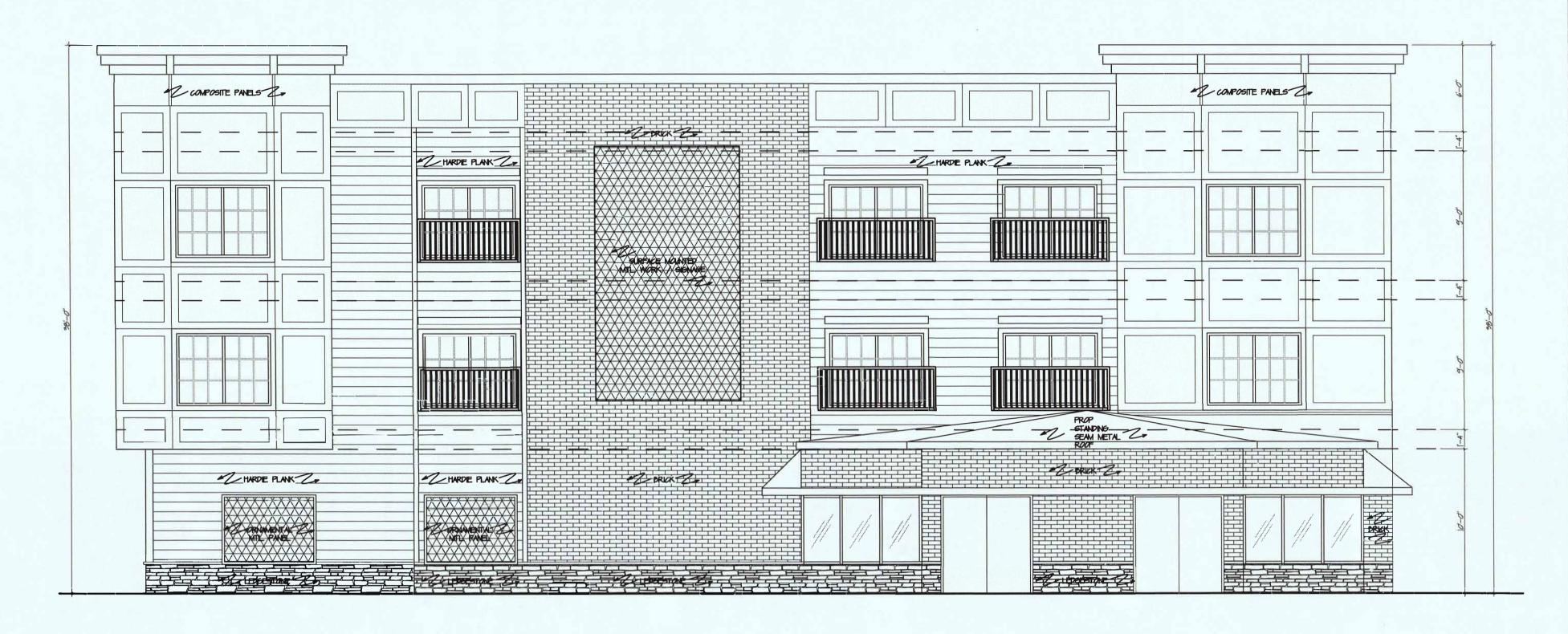
NEW YORK 037184-1 **DELAWARE**

AS SHOWN

6 JUN 2017 16 JUN 2017 21 JUN 2017 21 SEP 2017 21 FEB 2018

11 1093 SQ. FT. TOTAL 9,695 SQ. FT

a) INCLUSIVE OF EGRESS/ SHARED SPACES



PROPOSED FRONT ELEVATION

SCALE: 3"=1'-0"



PROPOSED REAR ELEVATION

SCALE: 3"=1-0"

WAGA ENTERPRISES ARCHITECTS, LLC

ARCHITECTURE. SPACE PLANNING. INTERIOR DESIGN. CONSTRUCTION SERVICES.

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E-FAX - 732-903-2095

JERSEY

NEW

PARK,

ELLE

AVENI

WEST

BUILDIN MIXED-USE ROPOSED

NEW JERSEY 21AI01332800 NORTH CAROLINA

PF

13489 S5-0007819 FLORIDA AR98285 PENNSYLVANIA RA407216

NEW YORK

037184-1

DELAWARE

17-098

12 MAY 2017

AS SHOWN

25 MAY 2017 6 JUN 2017

KS

PROJECT NO .:

DATE:

SCALE:

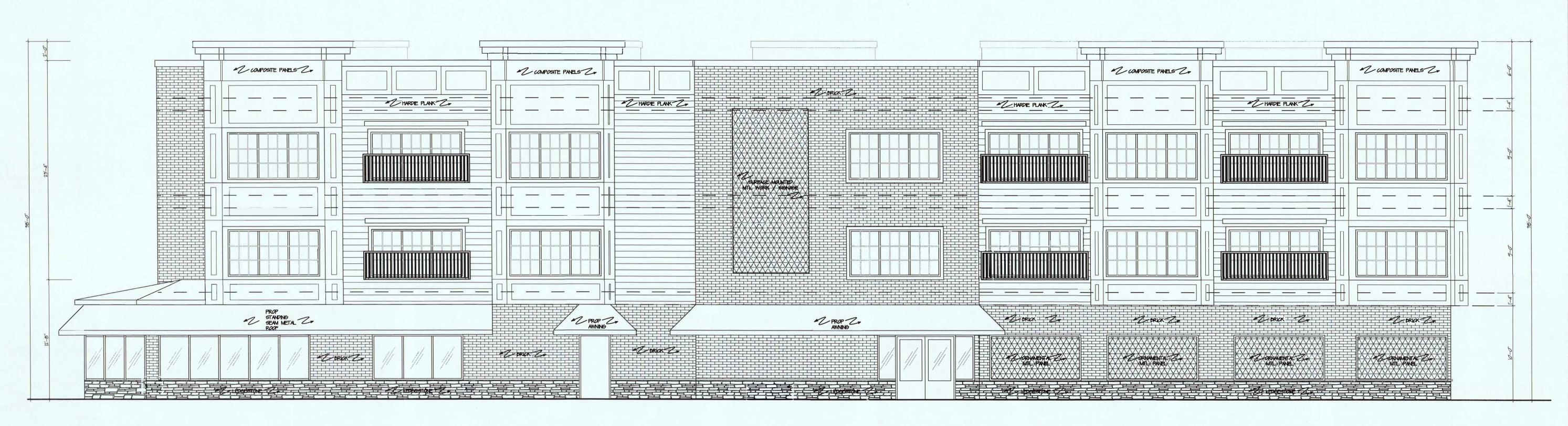
DRAWN BY: REVISION:

CONCEPT 'A' CONCEPT 'B' CONCEPT 'C' CONCEPT 'D' CONCEPT 'E'

16 JUN 2017 21 JUN 2017 21 SEP 2017 21 FEB 2018 CONCEPT 'F' DRAWING DESCRIPTION:

EXIST FRONT ELE. W/ ALT. EXIST REAR ELE. W/ ALT.

DRAWING NO.:



PROPOSED RIGHT SIDE ELEVATION SCALE: 3"=1'-0"



PROPOSED LEFT SIDE ELEVATION SCALE: $\frac{3}{16}$ "=|'-0"

WAGA ENTERPRISES ARCHITECTS, LLC

> ARCHITECTURE. SPACE PLANNING. INTERIOR DESIGN. CONSTRUCTION SERVICES.

2109 ST. GEORGES AVENUE RAHWAY, NEW JERSEY 07065 TEL - 732-382-2000

E-FAX - 732-903-2095

BUILDIN

MIXED-USE

PROPOSED

JERSEY AVENUE NEW ARK WEST ROSELLE

NEW JERSEY NEW YORK 21AI01332800 037184-1

> **FLORIDA** AR98285

13489

PROJECT NO.:

DATE: 12 MAY 2017

DELAWARE S5-0007819

PENNSYLVANIA

AS SHOWN

KS

RA407216

17-098

DRAWN BY:

REVISION: CONCEPT 'A' CONCEPT 'B'

25 MAY 2017 6 JUN 2017 16 JUN 2017 CONCEPT 'C' 21 JUN 2017 CONCEPT 'D' CONCEPT 'E' 21 SEP 2017 CONCEPT 'F' 21 FEB 2018

DRAWING DESCRIPTION: EXIST RIGHT SIDE ELE. W/ ALT. EXIST LEFT SIDE ELE. W/ ALT.

DRAWING NO.: