

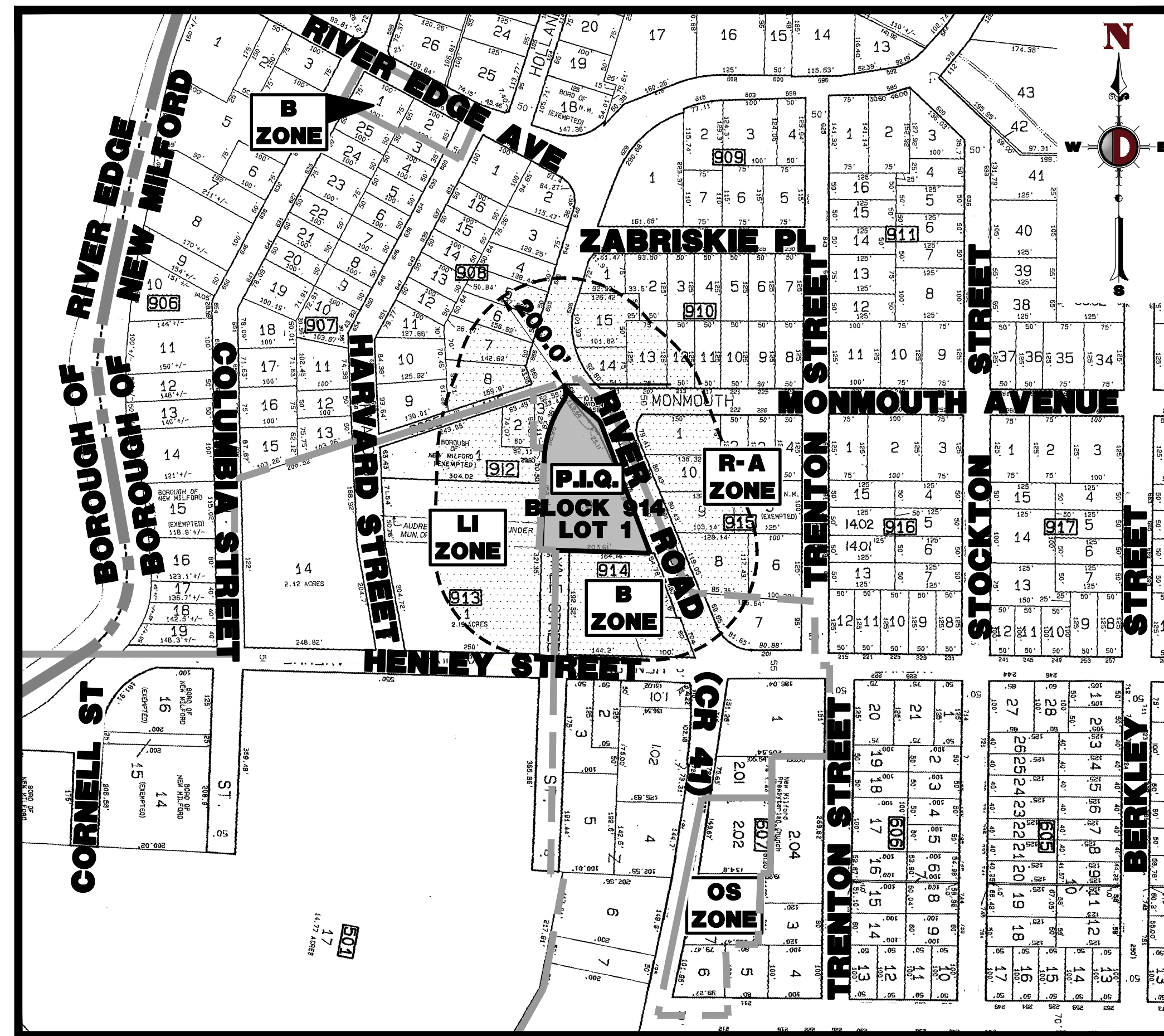
PRELIMINARY AND FINAL SITE PLAN  
FOR  
CARROLS RESTAURANT GROUP  
PROPOSED RESTAURANT REMODEL  
BLOCK 914, LOT 1; TAX MAP SHEET #9 - LATEST REV. DATED 04/15/2003  
676 RIVER ROAD (CR 41)  
BOROUGH OF NEW MILFORD  
BERGEN COUNTY, NEW JERSEY

<b>200' PROPERTY OWNERS LIST</b>					
<b>PROPERTY OWNER</b>	<b>FLOOR</b>	<b>LOT</b>	<b>PROPERTY OWNER</b>	<b>FLOOR</b>	<b>LOT</b>
BOROUGH OF NEW MILFORD 830 RIVER RD NEW MILFORD, NJ 07646	912	1	RUEZ, NED LLOYD & LEIZL LIM 213 MONMOUTH RD NEW MILFORD, NJ 07646	910	12
ALISON, JILL & JEAN & KRIBS, 259 MARSHON AVE NEW MILFORD, NJ 07646	912	2 & 3	SALEH, MICHAEL I 660 RIVER RD NEW MILFORD, NJ 07646	908	8
WEBER, C DARWIN & BENITA 217 MONMOUTH AVE NEW MILFORD, NJ 07646	910	11	MANOUN, GABRIEL C & FLOR 675 RIVER RD NEW MILFORD, NJ 07646	915	10
AMERICA INVESTMENTS LLC PO BOX 5160 BERGENFIELD, NJ 07646	908	5	LIWANAGI LLC 681 RIVER RD NEW MILFORD, NJ 07646	915	9
SEDER, JEFFREY & ROSEN, D 654 RIVER RD NEW MILFORD, NJ 07646	908	6	PASCUCCI, 691 RIVER LLC 200 MAIN ST HAWORTH, NJ 07641	915	8
N.J.S. REALTY, LLC 680 B RIVER RD NEW MILFORD, NJ 07646	914	3	HULBOM, MARGARET J 656 RIVER RD NEW MILFORD, NJ 07646	908	7
TAKEZAWA, HOHEMI & YUMIKO 682 TRENTON ST NEW MILFORD, NJ 07646	915	6	B & P R LTY CO NEW MILFORD 690 B RIVER RD NEW MILFORD, NJ 07646	914	2
RAMPDO LAND CORP SICCARDI PO BOX 6969 STROUSE, NJ 13217	914	1	DURAN, ESTEBAN 667 HARVARD ST NEW MILFORD, NJ 07646	908	9
BOROUGH OF NEW MILFORD 830 RIVER RD NEW MILFORD, NJ 07646	915	5	<b>ALSO TO BE NOTIFIED</b>		
PELLECHIA, FRANCES 655 RIVER RD NEW MILFORD, NJ 07646	910	15	BERGEN COUNTY PLANNING BOARD ONE BERGEN COUNTY PLAZA 4TH FLOOR HACKENSACK, NJ 07601		
GOSPEL FELLOWSHIP CHURCH 10 W. DEMONT PLACE BERGENFIELD, NJ 07621	913	1	UNITED WATER RESOURCES 200 OLD HOOK ROAD HAWORTH PARK, NJ 07640		
VAROHESE, GEORGE & SINO 207 MONMOUTH AVE NEW MILFORD, NJ 07646	910	13	VERTIZON 540 BROAD STREET NEWARK, NJ 07003		
YOUNGLING, KIRK 253 MARSHON AVE NEW MILFORD, NJ 07646	915	7	DEPARTMENT OF ENVIRONMENTAL PROTECTION PO BOX 439 TRENTON, NJ 08625		
DELVA, JEANRENE & HOCHET I 232 MONMOUTH AVE NEW MILFORD, NJ 07646	915	2	HACKENSACK RIVER KEEPER 231 MAIN STREET HACKENSACK, NJ 07601		
CEBE, SABO & MERYEM 206 ZABISKI PL NEW MILFORD, NJ 07646	910	1	PREAG COMPANY 235-254 STATE STREET HACKENSACK, NJ 07601		
CRITZ, ORLANDO & CARMEN R 669 RIVER RD NEW MILFORD, NJ 07646	915	1	CABLEVISION 40 POTUSH ROAD OAKLAND, NJ 07436		
PINELA, EUGEN & ANDREA 231 MONMOUTH AVE NEW MILFORD, NJ 07646	910	14	BERGEN COUNTY UTILITIES AUTHORITY ERIC ANDERSON, PE, PEP, ONE FOUNT OF NEIGHBOR ROAD PO BOX 946 LITTLE FERRY, NJ 07643		

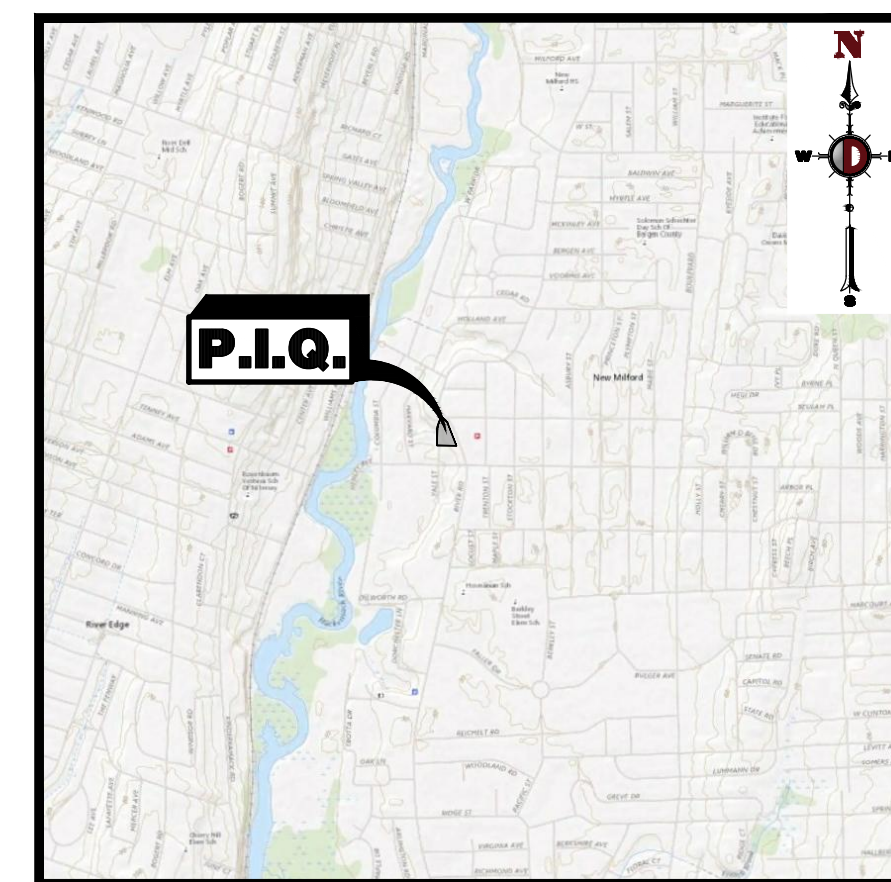
# **ZONING BOARD OF ADJUSTMENT APPROVAL**

APPROVED BY THE ZONING BOARD OF ADJUSTMENT OF THE BOROUGH OF NEW MILFORD, BERGEN COUNTY, N.J.

CHAIRPERSON	DATE
SECRETARY	DATE
BOARD ENGINEER	DATE



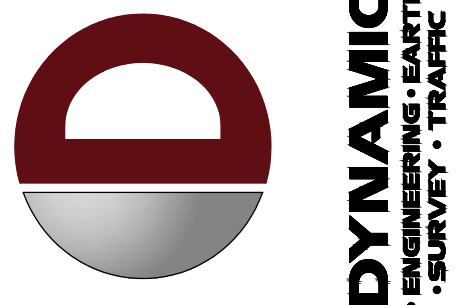
**AREA MAP**  
**1" = 200'**



**KEY MAP**  
**1" = 2000'**

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

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

DRAWN BY: _____ RRR _____	DESIGNED BY: _____ JFR _____	CHECKED BY: _____ RJC _____	CHECKED BY: _____ _____
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**PROJECT: CARROLS RESTAURANT GROUP**  
**~~PROPOSED RESTAURANT REMODEL~~**  
 8100 KENNEDY ROAD (CR 41)  
 BLOOMFIELD TOWNSHIP  
 BOROUGH OF NEW MILFORD, BERGEN COUNTY, NEW JERSEY

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**ROBERT J. COLUCCO III**

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PROFESSIONAL ENGINEER  
NEW JERSEY LICENSE No. 55851

JOSEPH C. SPARONE

---

PROFESSIONAL ENGINEER  
NEW JERSEY LICENSE No. 47204

TITLE:

COVER SHEET

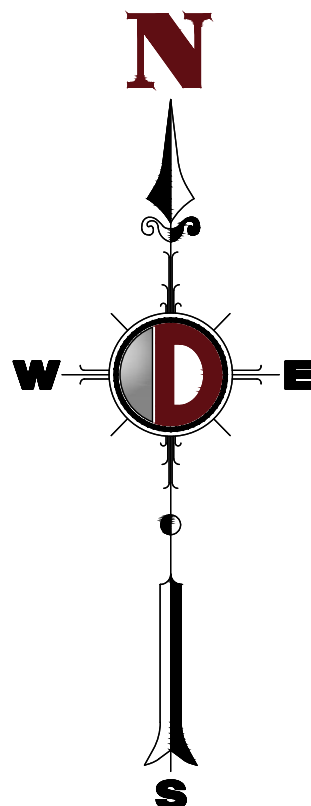
SCALE: (H) AS (V) SHOWN	DATE: 03/26/2021
PROJECT No: 2766-99-005	

SHEET No: **1**

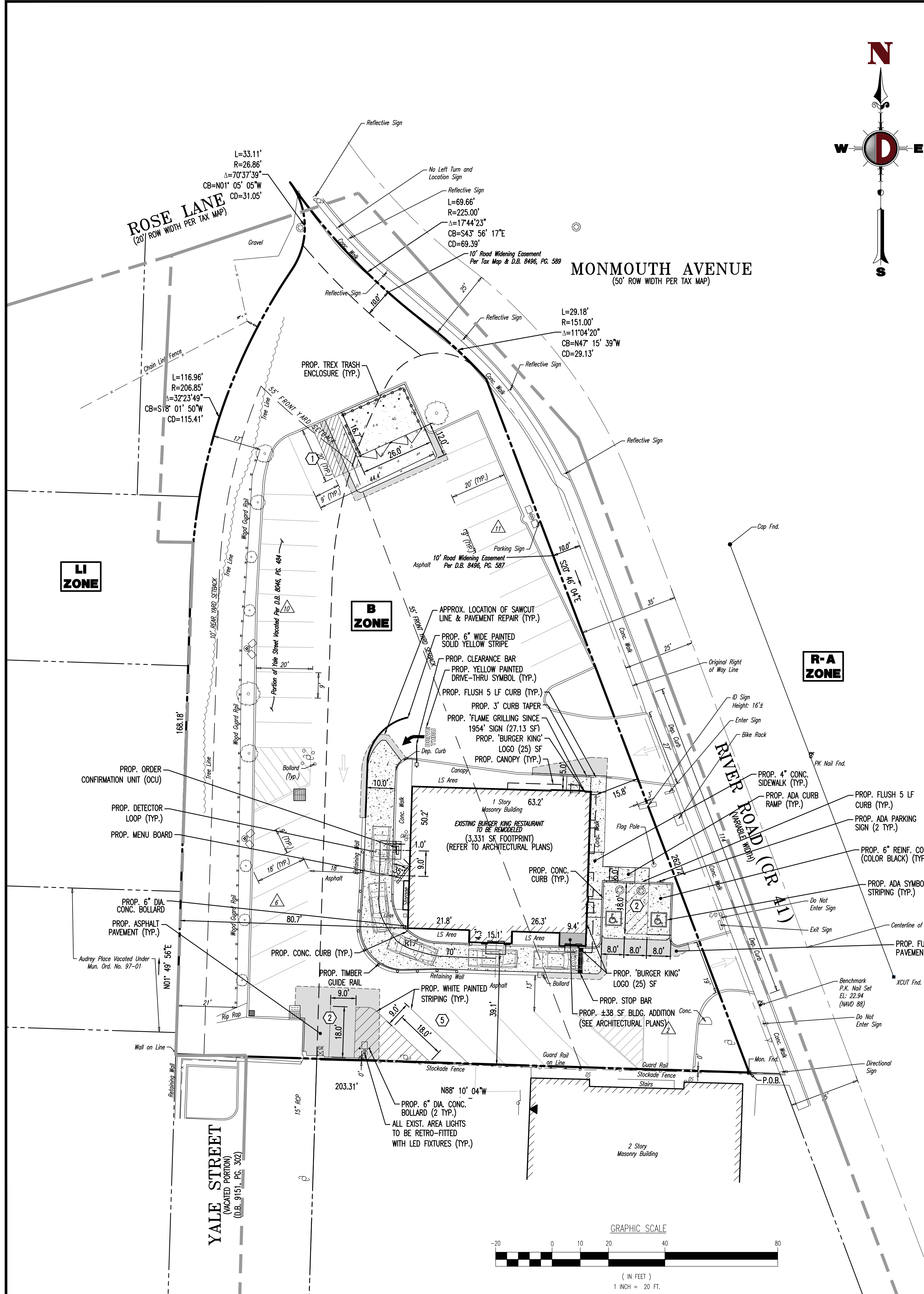






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## GENERAL NOTES:

1. THIS PLAN HAS BEEN PREPARED BASED ON REFERENCES INCLUDING:

- BOUNDARY AND TOPOGRAPHIC SURVEY  
LAUER-MANUS & ASSOCIATES ARCHITECTS  
1804 MAIN STREET  
LAKELAND, NJ 07033  
JOB NO: 2766-99-005  
DATED: 02/04/2021
- PROPOSED FLOOR PLAN  
LAUER-MANUS & ASSOCIATES ARCHITECTS  
1804 MAIN STREET  
LAKELAND, NJ 07033  
JOB NO: 2766-99-005  
DATED: 02/04/2021
- LIGHTING PROPOSAL  
LSI INDUSTRIES, INC.  
10000 ALLIANCE ROAD  
CINCINNATI, OH 45242  
PROJECT: LO-153314-2  
DATED: 03/01/2021  
REVISED: 03/09/2021
2. APPLICANT: CARROLLS, LLC  
908 JAMES STREET  
SYRACUSE, NY 13203
3. OWNER: RAMAPO LAND CORP, CARROLLS CORP  
PO BOX 5969  
SYRACUSE, NY, 13217
4. PARCEL DATA: BLOCK 914, LOT 1  
676 RIVER ROAD (CR 41)  
BERGSHOF OF NEW MILFORD  
BERGEN COUNTY, NEW JERSEY  
ZONE: B (BUSINESS ZONE)  
USE: RESTAURANT WITH DRIVE-THROUGH (NON-PERMITTED USE) (V)

5. SCHEDULE OF ZONING REQUIREMENTS (§30-ATTACHMENT 2)

ZONE REQUIREMENT	ZONE B	EXISTING	PROPOSED
MINIMUM LOT AREA	5,000 SF (0.11 Ac)	39,157 SF (0.9 Ac)	39,157 SF (0.9 Ac)
MINIMUM LOT WIDTH	N/S	210'	210'
MINIMUM LOT FRONTAGE	150'	361'	361'
MINIMUM YARD SETBACKS			
-FRONT	55'	10.7' (E)	15.8' (V)
-SIDE	0**	39.9'	39.1'
-REAR	10'	75.9'	80.7'
MAXIMUM BUILDING HEIGHT**	3 STORIES/ 35'	1 STORY/16'	1 STORY/18'
MAXIMUM BUILDING COVERAGE	N/S	11.4% (4,466 SF)	8.9% (3,492 SF)
MAXIMUM IMPERVIOUS COVERAGE	90%	70.6% (27,642 SF)	70.4% (27,584 SF)

N/S: NO STANDARD N/A: NOT APPLICABLE (E) EXISTING NON-CONFORMANCE (V) VARIANCE

\* NO NEW BUILDING SHALL BE ERECTED AND NO EXISTING BUILDING SHALL BE ALTERED TO PROJECT BEYOND THE FRONT LINE OF ANY BUILDING WITHIN TWO HUNDRED (200) FEET THEREOF IN THE BUSINESS ZONE, AND IF THERE IS NO BUILDING WITHIN 200 FEET, THEN NO NEW BUILDING OR ALTERATION SHALL EXTEND BEYOND THE FRONT LINE OF THE NEAREST BUILDING THERETO IN THE BUSINESS ZONE. WHERE THERE IS NO EXISTING BUILDING IN THE BLOCK, ALL NEW BUILDINGS SHALL BE AT LEAST FIFTY-FIVE (55) FEET FROM THE CENTERLINE OF THE STREET.

\*\* WHEN ADJOINING A RESIDENTIAL ZONE AT THE SIDE, MINIMUM SIDE YARD SETBACK SHALL BE 10 FEET.

\*\*\* FOR BUILDINGS FRONTING A COUNTY ROAD

6. YARD PROJECTION EXCEPTIONS (§30-28.15)  
CORNICES, CANOPIES, EAVES, BAY WINDOWS, BALCONIES, CHIMNEYS OR FLUES, AND NECESSARY LANDINGS AND OTHER SIMILAR ARCHITECTURAL FEATURES MAY PROJECT A MAXIMUM DISTANCE OF TWO (2) FEET INTO REQUIRED YARD SETBACKS. FRONT STEPS MAY PROJECT A MAXIMUM DISTANCE OF FOUR (4) FEET INTO A REQUIRED YARD SETBACK. (COMPLIES)

7. PARKING REQUIREMENTS (§30-28.1)  
A. MINIMUM PARKING SPACE SIZE: 9' x 20' REQUIRED; 9' x 18' EXISTING (E), 9' x 18' PROPOSED (V)  
B. MINIMUM NUMBER OF PARKING SPACES:  
RESTAURANT: 1 SPACE/4 SEATS; IF NO SEATS, 1 SPACE/100 SF OF FLOOR AREA.  
THEREFORE: 1 SPACE / 4 SEATS X 60 SEATS = 15 SPACES

TOTAL REQUIRED SPACES: 15  
TOTAL EXISTING SPACES: 40  
TOTAL PROPOSED SPACES: 39 (COMPLIES)

8. DRIVEWAY REQUIREMENTS (§30-28.1)  
A. MINIMUM DRIVEWAY WIDTH (ONE-WAY): 12' REQUIRED; 13' EXISTING (COMPLIES)  
B. NOT MORE THAN 1 DRIVEWAY PERMITTED FOR EACH 200' OR FRACTION THEREOF OF STREET FRONTAGE, EXCEPT THAT, WHERE MORE THAN 1 SUCH DRIVEWAY IS PROVIDED FOR ANY LOT, THE WIDTH OF SUCH DRIVEWAY MAY BE REDUCED TO 12', AND EACH DRIVEWAY WILL BE USED AS A ONE-WAY ENTRANCE OR EXIT. (COMPLIES)

9. LIGHTING REQUIREMENTS (§30-28.18) (REFER TO LIGHTING PLAN)  
MAXIMUM HEIGHT FREESTANDING LIGHTS: 18' PERMITTED; 30' EXISTING (E)  
MINIMUM AVERAGE ILLUMINATION OF PARKING LOTS: 0.5 FC WITH 15:1 UNIFORMITY RATIO REQUIRED; 2.69 FC & 13:1 PROPOSED (COMPLIES)  
MAXIMUM ILLUMINATION AT PROPERTY LINES: 0.5 FC PERMITTED 1.4 PROPOSED (V)

10. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE TO MAKE SURE THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED ALL PLANS AND OTHER DOCUMENTS BY ALL OF THE PERMITTING AUTHORITIES.

11. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE REQUIREMENTS AND STANDARDS OF THE LOCAL GOVERNING AUTHORITY.

12. SITE CLEARING SHALL INCLUDE THE LOCATION AND REMOVAL OF ALL UNDERGROUND TANKS, PIPES, VALVES, ETC.

13. THE PROPERTY SURVEY SHALL BE CONSIDERED A PART OF THESE PLANS.

14. ALL DIMENSIONS SHOWN ON THE PLANS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY ENGINEER IF ANY DISCREPANCIES EXIST PRIOR TO PROCEEDING WITH CONSTRUCTION FOR NECESSARY PLAN CHANGES. NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR WORK HAVING TO BE REDONE DUE TO DIMENSIONS OR GRADES SHOWN INCORRECTLY ON THESE PLANS IF SUCH NOTIFICATION HAS NOT BEEN GIVEN.

15. SOLID WASTE TO BE DISPOSED OF BY CONTRACTOR IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.

16. ALL EXCAVATED UNSUITABLE MATERIAL MUST BE TRANSPORTED TO AN APPROVED DISPOSAL LOCATION.

17. CONTRACTOR IS RESPONSIBLE FOR ALL SHORING REQUIRED DURING EXCAVATION AND SHALL BE PERFORMED IN ACCORDANCE WITH CURRENT OSHA STANDARDS, AS WELL AS ADDITIONAL PROVISIONS TO ASSURE STABILITY OF CONTIGUOUS STRUCTURES, AS FIELD CONDITIONS DICTATE.

18. ALL CONTRACTORS MUST CARRY STATUTORY WORKERS COMPENSATION, EMPLOYERS LIABILITY INSURANCE AND APPROPRIATE LIMITS OF COMMERCIAL GENERAL LIABILITY INSURANCE (CGL). ALL CONTRACTORS MUST HAVE THEIR CGL POLICES ENDORSED TO NAME DYNAMIC ENGINEERING CONSULTANTS, P.C. ITS SUBCONSULTANTS AS ADDITIONAL INSURED AND TO PROVIDE CONTRACTUAL LIABILITY COVERAGE SUFFICIENT TO INSURE THE HOLD HARMLESS AND INDEMNITY OBLIGATIONS ASSUMED BY THE CONTRACTORS. ALL CONTRACTORS MUST FURNISH DYNAMIC ENGINEERING CONSULTANTS, P.C. WITH CERTIFICATES OF INSURANCE AS EVIDENCE OF THE REQUIRED INSURANCE PRIOR TO COMMENCING WORK AND UPON REVIEW OF EACH POLICY DURING THE ENTIRE PERIOD OF CONSTRUCTION. IN ADDITION, ALL CONTRACTORS WILL, TO THE FULLEST EXTENT PERMITTED BY LAW, INDEMNIFY AND HOLD HARMLESS DYNAMIC ENGINEERING CONSULTANTS, P.C. AND ITS SUBCONSULTANTS FROM AND AGAINST ANY DAMAGES, LIABILITIES OR COSTS, INCLUDING REASONABLE ATTORNEY'S FEES AND DEFENSE COSTS, ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE PROJECT, INCLUDING ALL CLAIMS BY EMPLOYEES OF THE CONTRACTORS.

19. NEITHER THE PROFESSIONAL ACTIVITIES OF DYNAMIC ENGINEERING CONSULTANTS, P.C., NOR THE PRESENCE OF DYNAMIC ENGINEERING CONSULTANTS, P.C. OR ITS EMPLOYEES AND SUBCONSULTANTS AT A CONSTRUCTION/PROJECT SITE, SHALL RELIEVE THE GENERAL CONTRACTOR OF ITS OBLIGATIONS, DUTIES AND RESPONSIBILITIES INCLUDING, BUT NOT LIMITED TO, CONSTRUCTION MEANS, METHODS, SEQUENCE, TECHNIQUES OR PROCEDURES NECESSARY FOR PERFORMING, SUPERINTENDING AND COORDINATING THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND ANY HEALTH OR SAFETY PRECAUTIONS REQUIRED BY ANY REGULATORY AGENCIES. DYNAMIC ENGINEERING CONSULTANTS, P.C. AND ITS PERSONNEL, HAVE NO AUTHORITY TO EXERCISE ANY CONTROL OVER ANY CONSTRUCTION CONTRACTOR OR ITS EMPLOYEES IN CONNECTION WITH THEIR WORK OR ANY HEALTH OR SAFETY PROGRAMS OR PROCEDURES. THE GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR POSITIVE SAFETY. DYNAMIC ENGINEERING CONSULTANTS, P.C. SHALL BE INDEMNIFIED BY THE GENERAL CONTRACTOR AND SHALL BE MADE ADDITIONAL INSURED UNDER THE GENERAL CONTRACTOR'S POLICIES OF GENERAL LIABILITY INSURANCE.

20. DYNAMIC ENGINEERING CONSULTANTS, P.C. SHALL REVIEW AND APPROVE ANY CONSTRUCTION CONTRACTOR'S SUBMITTALS, SUCH AS SHOP DRAWINGS, PRODUCT DATA, SAMPLES AND OTHER DATA, WHICH THE CONTRACTOR IS REQUIRED TO SUBMIT, BUT ONLY FOR THE LIMITED PURPOSE OF CHECKING FOR CONFORMANCE WITH THE DESIGN CONCEPT AND THE INFORMATION SHOWN IN THE CONSTRUCTION MEANS OR METHODS. COORDINATION OF THE WORK WITH OTHER TRADES OR CONSTRUCTION SAFETY PRECAUTIONS, ALL OF WHICH ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. DYNAMIC ENGINEERING'S REVIEW SHALL BE CONDUCTED WITH REASONABLE PROMPTNESS WHILE ALLOWING SUFFICIENT TIME TO PERMIT ADEQUATE REVIEW. REVIEW OF A SPECIFIC ITEM SHALL NOT INDICATE THAT DYNAMIC ENGINEERING CONSULTANTS, P.C. HAS REVIEWED THE ENTIRE ASSEMBLY OF WHICH THE ITEM IS A COMPONENT. DYNAMIC ENGINEERING CONSULTANTS, P.C. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATIONS FROM THE CONSTRUCTION DOCUMENTS NOT BROUGHT TO THE ATTENTION OF DYNAMIC ENGINEERING CONSULTANTS, P.C. IN WRITING BY THE CONTRACTOR. DYNAMIC ENGINEERING CONSULTANTS, P.C. SHALL NOT BE REQUIRED TO REVIEW PARTIAL SUBMISSIONS OR THOSE FOR WHICH SUBMISSIONS OF CORRELATED ITEMS HAVE NOT BEEN RECEIVED.

21. IN AN EFFORT TO RESOLVE ANY CONFLICTS THAT ARISE DURING THE DESIGN AND CONSTRUCTION OF THE PROJECT OR FOLLOWING THE COMPLETION OF THE PROJECT, DYNAMIC ENGINEERING CONSULTANTS, P.C. AND THE CONTRACTOR MUST AGREE THAT ALL DISPUTES BETWEEN THEM ARISING OUT OF OR RELATING TO THIS AGREEMENT OR THE PROJECT SHALL BE SUBMITTED TO NONBINDING MEDIATION UNLESS THE PARTIES MUTUALLY AGREE OTHERWISE.

22. THE CONTRACTOR MUST INCLUDE A MEDIATION PROVISION IN ALL AGREEMENTS WITH INDEPENDENT SUBCONTRACTORS AND CONSULTANTS RETAINED FOR THE PROJECT AND TO REQUIRE ALL INDEPENDENT CONTRACTORS AND CONSULTANTS ALSO TO INCLUDE A SIMILAR MEDIATION PROVISION IN ALL AGREEMENTS WITH THEIR SUBCONTRACTORS, SUBCONSULTANTS, SUPPLIERS AND FABRICATORS. THEREBY PROVIDING FOR MEDIATION AS THE PRIMARY METHOD FOR RESOLUTION BETWEEN THE PARTIES TO ALL THOSE AGREEMENTS.

23. IF THE CONTRACTOR DEVIATES FROM THE PLANS AND SPECIFICATIONS, INCLUDING THE NOTES CONTAINED THEREON, WITHOUT FIRST OBTAINING PRIOR WRITTEN AUTHORIZATION FOR SUCH DEVIATIONS FROM THE OWNER AND ENGINEER, IT SHALL BE RESPONSIBLE FOR THE PAYMENT OF ALL COSTS TO CORRECT ANY WORK DONE, ALL FINES OR PENALTIES ASSIMILATED WITH RESPECT THERETO AND ALL COMPENSATORY OR PUNITIVE DAMAGES RESULTING THEREFROM AND IT SHALL INDEMNIFY AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ALL SUCH COSTS TO CORRECT ANY SUCH WORK AND FROM ALL SUCH FINES AND PENALTIES, COMPENSATION AND PUNITIVE DAMAGES AND COSTS OF ANY NATURE RESULTING THEREFROM.

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

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

26. BURGER KING AND LANDLORD TO CONFIRM AND AGREE UPON LEASE LINE LOCATION IN THE FIELD PRIOR TO COMMENCEMENT OF CONSTRUCTION.

27. CONTRACTOR TO BE ADVISED THAT THE ENGINEER WAS NOT PROVIDED WITH FINAL FLOOR PLAN DRAWINGS FOR THE BUILDING AT THE TIME OF SITE PLAN DESIGN. AS A RESULT, ENTRANCE DOOR LOCATIONS AS DEPICTED HEREON MAY NOT BE FINAL AND MUST BE CONFIRMED WITH THE ARCHITECTURAL PLANS PRIOR TO CONSTRUCTION. THE HANDICAP ACCESSIBLE PARKING SPACES AND THE ASSOCIATED RAMPS AND ACCESSIBLE ROUTE MUST COMPLY WITH NJAC 5:23-7 AND THE HANDICAP PARKING SPACES MUST BE LOCATED AS THE NEAREST SPACES TO THE ENTRANCE. CONTRACTOR TO NOTIFY OWNER AND ENGINEER IMMEDIATELY OF ANY DISCREPANCY PRIOR TO CONSTRUCTION.

## SIGNAGE TABLE

SIGN	REQUIREMENTS	EXISTING	PROPOSED
FREESTANDING	NUMBER OF SIGNS: ONE (1) MAXIMUM SIGN AREA: 18 SF SIGN LENGTH: 9' MAXIMUM SIGN HEIGHT: 6' ABOVE AVERAGE GRADE MINIMUM SIGN SETBACK: 10'	NUMBER OF SIGNS: ONE (1) SIGN AREA: 31.7 SF (E) SIGN LENGTH: 6.7' SIGN HEIGHT: 18' (E) SIGN SETBACK: 0' (E)	NUMBER OF SIGNS: NO CHANGE SIGN AREA: NO CHANGE SIGN LENGTH: NO CHANGE SIGN HEIGHT: NO CHANGE SIGN SETBACK: NO CHANGE
BUILDING MOUNTED	NUMBER OF FACADE SIGNS: ONE (1) ON PRINCIPAL FRONT MAXIMUM FACADE SIGN AREA: 24 SF	NUMBER OF SIGNS: ONE (1) SIGN AREA: FOUR (4) (V)	NUMBER OF SIGNS: NO CHANGE SIGN AREA: NO CHANGE
CANOPY AND AWNING MOUNTED	MAX PROTRUSION: 8' NUMBER OF SIGNS: N/S SIGN HEIGHT FROM GRADE: 8' NUMBER OF SIGNS: N/S SIGN AREA: N/S SIGN SIZE: HEIGHT: 1' LENGTH: 2' DEPTH: 12" MAXIMUM SIGN HEIGHT: 4' ABOVE AVERAGE GRADE MINIMUM SIGN SETBACK: 0'	NUMBER OF SIGNS: ZERO (0) SIGN HEIGHT FROM GRADE: N/A NUMBER OF DIRECTIONAL SIGNS: TWO (2) SIGN AREA: 5 SF SIGN SIZE: HEIGHT: 1.58' (E) LENGTH: 3.2' (E) DEPTH: 7" SIGN HEIGHT: 4' SIGN SETBACK: 0'	NUMBER OF SIGNS: NO CHANGE SIGN AREA: NO CHANGE SIGN SIZE: NO CHANGE SIGN HEIGHT: NO CHANGE SIGN SETBACK: NO CHANGE
DIRECTIONAL	NUMBER OF SIGNS: N/S SIGN AREA: N/S SIGN SIZE: HEIGHT: 1' LENGTH: 2' DEPTH: 12" MAXIMUM SIGN HEIGHT: 4' ABOVE AVERAGE GRADE MINIMUM SIGN SETBACK: 0'	NUMBER OF SIGNS: TWO (2) SIGN AREA: 5 SF SIGN SIZE: HEIGHT: 1.58' (E) LENGTH: 3.2' (E) DEPTH: 7" SIGN HEIGHT: 4' SIGN SETBACK: 0'	NUMBER OF SIGNS: NO CHANGE SIGN AREA: NO CHANGE SIGN SIZE: NO CHANGE SIGN HEIGHT: NO CHANGE SIGN SETBACK: NO CHANGE

N/S: NO STANDARD N/A: NOT APPLICABLE (E) EXISTING NON-CONFORMANCE (V) VARIANCE

NOTES:

- NO SIGN SHALL BE ERECTED OR PLACED UPON THE ROOF OF A BUILDING
- A SIGN MAY BE AFFIXED TO A PARAPET; PROVIDED, HOWEVER, THAT NO PART OF THE SIGN SO AFFIXED SHALL EXTEND MORE THAN THREE (3) FEET ABOVE THE ROOF DECK OF THE BUILDING OR FROM THE BASE OF THE PARAPET
- NO SIGN SHALL CONSIST OF MORE THAN FOUR COLORS, INCLUSIVE OF BLACK AND WHITE
- SIGNS MAY BE ILLUMINATED BUT SHALL NOT BE PAINTED WITH OR COMPOSED OF NEON, FLUORESCENT, PHOSPHORESCENT OR SIMILAR MATERIAL. THE USE OF LED (LIGHT EMITTING DIODE) LIGHTS FOR SIGN ILLUMINATION OR LETTING SHALL BE PERMITTED SUCH THAT THE ORIGIN OF THE LIGHT SOURCE IS NOT VISIBLE IN THE SIGN'S FINAL DISPLAY STATE (I.E. USE OF FILTER, LENSES)
- ILLUMINATED SIGNS SHALL HAVE SOURCES OF REFLECTIVE LIGHT SHIELDED IN SUCH A MANNER THAT THE SAME IS NOT VISIBLE FROM THE STREET OR ADJOINING PROPERTIES. LIGHT FROM ILLUMINATED SIGNS SHALL NOT EXCEED BEYOND YOUR PROPERTY LINE.
- ALL ILLUMINATED SIGNS USED IN CONNECTION WITH THE OPERATION OF ANY BUSINESS SHALL BE EXTINGUISHED BY 12:00 MIDNIGHT OR ONE HOUR AFTER CLOSING, AND SHALL REMAIN EXTINGUISHED UNTIL THE BUSINESS ESTABLISHMENT REOPENS.
- CANOPY AND AWNING SIGNS SHALL BE PERMITTED, PROVIDED THAT THE PROPOSED CANOPY OR AWNING IS COMPLEMENTARY IN COLOR AND PROPORTIONATE IN SHAPE AND SIZE, WITH THE BUILDING TO WHICH IT IS AFFIXED. THE LETTERING ON A CANOPY OR AWNING SHALL BE LIMITED TO THE NAME, ADDRESS, LOGO AND PHONE NUMBER OF THE OCCUPANT. THE AREA OF SUCH LETTERING SHALL BE INCLUDED IN THE TOTAL SIGN CALCULATIONS. IN THE EVENT A BUILDING HAS MORE THAN ONE CANOPY OR AWNING, ALL SHALL BE UNIFORM IN COLOR, SHAPE, AND DESIGN. (V)

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• SURVEY • TRAFFIC

THIS PLAN SET IS FOR PERMITTING PURPOSES ONLY AND MAY NOT BE USED FOR CONSTRUCTION	OWNER: CARROLLS, LLC DESIGNED BY: JRR CHECKED BY: RJC	PROJECT: CARROLLS RESTAURANT GROUP PROPOSED RESTAURANT REMODEL BLOCK 914, LOT 1 676 RIVER ROAD (CR 41) BOROUGH OF NEW MILFORD, BERGEN COUNTY, NEW JERSEY
DATE: 03/26/21	REV: 1	COMMENTS:

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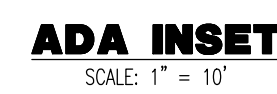
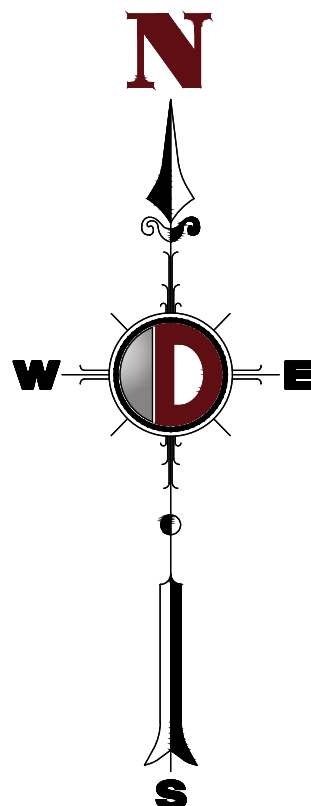
**ROBERT J. COLUCCO III**  
PROFESSIONAL ENGINEER  
NEW JERSEY LICENSE NO. 55651

**JOSEPH C. SPARONE**  
PROFESSIONAL ENGINEER  
NEW JERSEY LICENSE NO. 47204

**SITE PLAN**

SCALE: (H) 1" = 20'  
(V) 1" = 20'  
PROJECT NO: 2766-99-005  
SHEET NO: 4 OF 11  
DATE: 03/26/2021  
REV: #1





# **TES**

PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS. THE ENGINEER FOR REMOVING AND REPLACING ALL SOFT, YIELDING OR UNSUITABLE MATERIALS AT ALL EXCAVATED OR FILLED AREAS SHALL BE PROVIDED PROCTOR MAXIMUM DENSITY PER A.S.T.M. TEST D-1557. MOISTURE CONTENT SHALL NOT EXCEED 10% NOR BE BELOW OPTIMUM. CONTRACTOR PREPARED BY A QUALIFIED SOIL ENGINEER, REGISTERED WITHIN THE STATE OF CALIFORNIA, SHALL VERIFY THAT THE WORK HAS BEEN COMPLETED, VERIFYING THAT ALL FILLED AREAS AND SUBGRADE AREAS WITHIN THE PROJECT AREAS TO BE PAVED HAVE BEEN COMPACTED IN ACCORDANCE WITH THE FOLLOWING:

- ON VERIFICATION OF EXISTING TOPOGRAPHIC INFORMATION AND UTILITY INSERTION OF ANY CONSTRUCTION, CONTRACTOR TO ENSURE 0.25% MIN. SLOPE CURBS AND 1.0% ON ALL CONCRETE SURFACES, AND 1-1/2% MIN. ON ASPHALT, ANY DISCREPANCIES THAT MAY AFFECT THE PUBLIC SAFETY OR PROJECT FUNCTION SHALL BE CORRECTED IMMEDIATELY. THE ENGINEER IN WRITING IMMEDIATELY PROCEEDING WITH CONSTRUCTION.

SO AT THE CONTRACTOR'S OWN RISK.

SURFACES, ARE GENERALLY 6" ABOVE EXISTING LOCAL ASPHALT GRADE UNLESS OTHERWISE SHOWN. TO CREATE A MIN. OF 0.75% GUTTER GRADE ALONG CURB FACE. ENGINEER SHALL PROVIDE SLOPE PRIOR TO INSTALLATION.

ALL CEMENTS, CURBS, OR ASPHALT SHALL BE FREE OF ORGANICS AND OTHER SUBSTANCE BE DEEMED UNSUITABLE, SURFACE IS TO BE REMOVED AND FILLED TO BE COMPACTED TO DESIRED OPTIMUM DENSITY (AS DETERMINED BY MODIFIED SAND METHOD).

THREE PLANS, THE SITE PLAN WILL SUPERCEDE IN ALL CASES. CONTRACTOR SHALL MAINTAIN 12% OR ANY CONFLICT IMMEDIATELY.

ON ALL SIDEWALKS, A MINIMUM OF 1.80% CROSS SLOPE IN ALL DIRECTIONS IN AREA PARKING SPACES, AND 1.5% CROSS SLOPE IN ALL DIRECTIONS IN AREA PARKING SPACES, AND 4.50% RUNNING SLOPE ALONG ACCESSIBLE SIDEWALKS.

FOR AS-BUILT PLANS AND GRADE CONTROL UNLESS DIFFERENCE INDICATED THEREIN.

BE IN SAME DIRECTION AS ADJACENT PAVEMENT SLOPE.

OVER SLOPE ON CONC. GUTTER AT RAMPS DO NOT EXCEED 4.5%. UNPAVED/REPLACED AS NEEDED (TYP)

AND 5% OVERS AND COVERS TO MATCH FINISH GRADES.

# **ILITY NOTES**

CONTRACTOR TO LOCATE AND UTILIZE EXISTING GAS SERVICE CONNECTION IF AVAILABLE. WATER SERVICE LINE AND CAP AT MAIN IN R.O.W. IN ACCORDANCE WITH CITY ORDINANCES. TERMINATION AT THE MAIN MUST BE APPROVED BY THE LOCAL GAS AUTHORITY. IF THE SERVICE LINE IS NOT UTILIZED, THE NEW SERVICE LINE FOR ANY SERVICE IS TO BE COORDINATED AND VERIFIED FOR LOCATION WITH THE LOCAL WATER COMPANY. CONTRACTOR TO OBTAIN PERMITS FOR REMOVAL OF EXISTING SERVICE AND INSTALLATION OF NEW SERVICE.

CONTRACTOR TO LOCATE AND UTILIZE EXISTING GAS SERVICE CONNECTION IF AVAILABLE. WATER SERVICE LINE AND CAP AT MAIN IN R.O.W. IN ACCORDANCE WITH CITY ORDINANCES. TERMINATION AT THE MAIN MUST BE APPROVED BY THE LOCAL GAS AUTHORITY. IF THE SERVICE LINE IS NOT UTILIZED, THE NEW SERVICE LINE FOR ANY SERVICE IS TO BE COORDINATED AND VERIFIED FOR LOCATION WITH THE LOCAL WATER COMPANY. CONTRACTOR TO OBTAIN PERMITS FOR REMOVAL OF EXISTING SERVICE AND INSTALLATION OF NEW SERVICE.

# **ADA NOTES**

ALL SLOPES INDICATED ARE ACTUAL. CONTRACTOR TO REFER TO LATEST ADA GUIDELINES FOR SLOPE LIMITS. AT THE TIME OF PLAN DESIGN, THE SLOPE LIMITS ARE AS FOLLOWS:

## **SIDEWALKS / ACCESSIBLE ROUTES**

- RUNNING SLOPE: 1:20 (5%) MAX. (4.5% MAX. FOR NEW CONSTRUCTION)
- CROSS SLOPE: 1:48 (2.08%) MAX., 1.0% MIN. (1.5% MAX. FOR NEW CONSTRUCTION)
- ADA REQUIRED MANEUVERING CLEARANCE/LANDING AREA: 1:48 (2.08%) MAX. IN ALL DIRECTIONS (1.5% MAX. FOR NEW CONSTRUCTION)
- ADA REQUIRED MANEUVERING CLEARANCE AT DOOR TO BE KEPT CLEAR

## **BUILDING**

The diagram shows a cross-section of a building entrance. On the left, there is a vertical wall labeled "BUILDING". To its right is a sloped surface representing a ramp. At the top of the ramp is a horizontal line representing a door threshold. To the right of the threshold is a vertical line labeled "DOOR". The ramp slopes downwards from left to right towards the door.

- CHANGE IN LEVELS: 1" MAX. HEIGHT OR 1/2" MAX. HEIGHT WITH REVEILED EDGE REVEILED EDGE SLOPE OF 1:2 (50%) MAX.
- CAPS: 1/2" MAX. WIDTH

## **CURB RAMP**

- SLOPE: 1:12 (8.33) MAX. (7.5% MAX. FOR NEW CONSTRUCTION)
- SIDE FLARE SLOPE: 1:10 (10%) MAX. (ALONG CURB TRANSITION)
- BOTTOM LANDINGS: MIN. 48" x 60"; 1:48 MAX. (2.08%) IN ALL DIRECTIONS (1.5% MAX. FOR NEW CONSTRUCTION)
- TOP LANDING: 36" MIN. LENGTH \* 60" IN FRONT OF DOORS; WIDTH TO MATCH CURB RAMP; 1:48 MAX. (2.08%) CROSS SLOPE (1.5% MAX. FOR NEW CONSTRUCTION) AND 1:20 (5%) RUNNING SLOPE (4.5% MAX. FOR NEW CONSTRUCTION)
- COUNTER SLOPE OF ADJOINING CURBS AND PAVEMENT SHALL NOT BE STEEPER THAN 1:20 (5.0%) (4.5% MAX. FOR NEW CONSTRUCTION) WITH A MAX. CROSS SLOPE OF 1:48 (2.08%) (1.5% MAX. FOR NEW CONSTRUCTION).
- CAPS: 1/2" MAX. RISE

## **ACCESSIBILITY PARKING STALLS**

- SPACE AND ACCESS ASIDE SLOPE: 1:48 MAX. (2.08%) IN ALL DIRECTIONS (1.8% MAX. FOR NEW CONSTRUCTION)

## **CROSSWALKS**

- RUNNING SLOPE: 1:20 (5%) MAX. (4.5% MAX. FOR NEW CONSTRUCTION)
- CROSS SLOPE: 1:48 (2.08%) MAX. (1.5% MAX. FOR NEW CONSTRUCTION)
- CHANGE IN LEVELS: 1" MAX. HEIGHT OR 1/2" MAX. HEIGHT WITH REVEILED EDGE REVEILED EDGE SLOPE OF 1:2 (50%) MAX.
- CAPS: 1/2" MAX.

## **RAMPS**

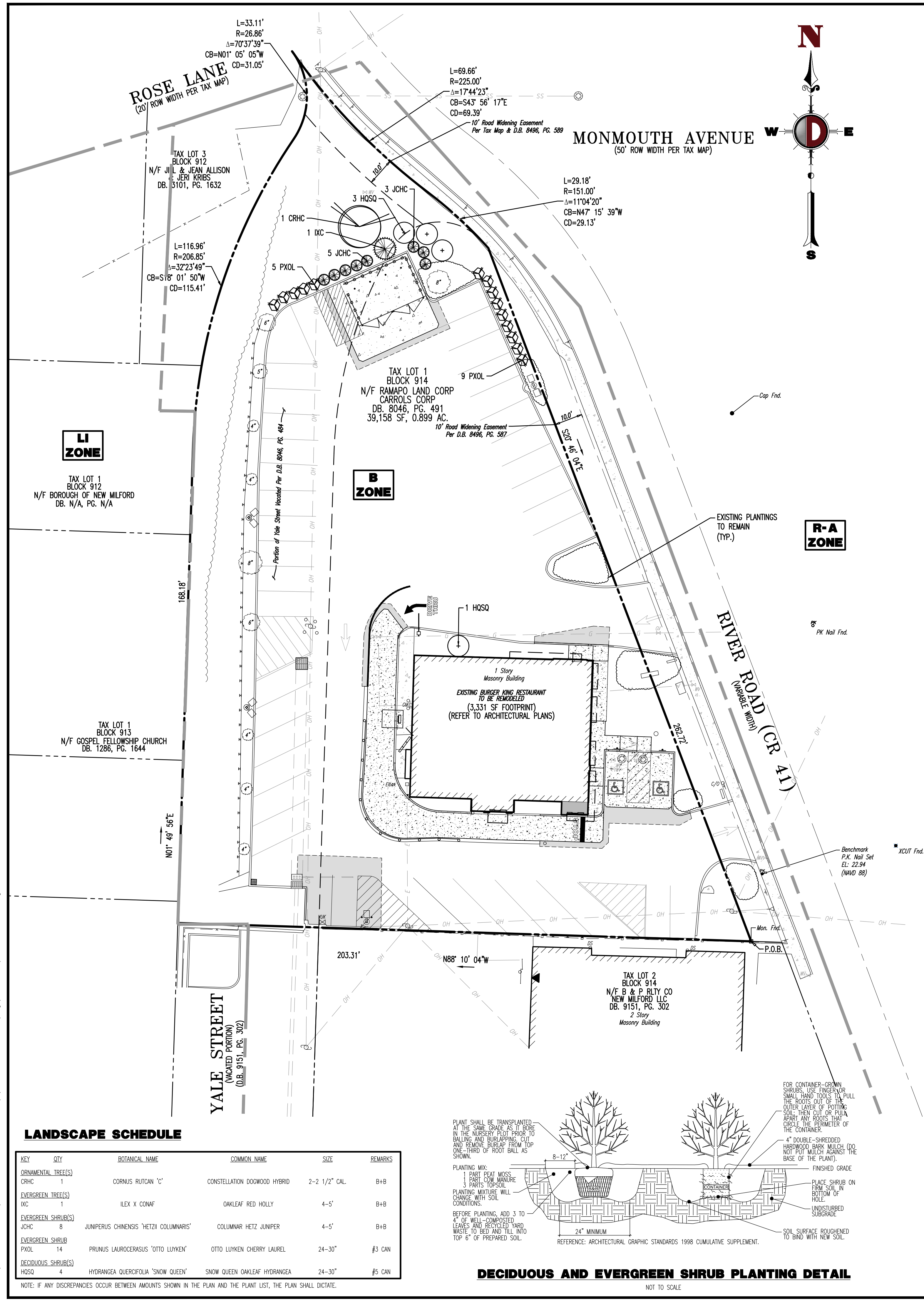
- SLOPE: 1:12 (8.33) MAX. (7.5% MAX. FOR NEW CONSTRUCTION)
- MAX. RISE: 30"
- MIN. CLEAR WIDTH: 36"
- MIN. LANDING CLEAR LENGTH: 60"
- MAX. CROSS SLOPE: 1:48 (2.08%) (1.5% MAX. FOR NEW CONSTRUCTION)

ADA NOTES CONFORM TO MOST CURRENT EDITION OF THE AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES (2004)

[illegible]

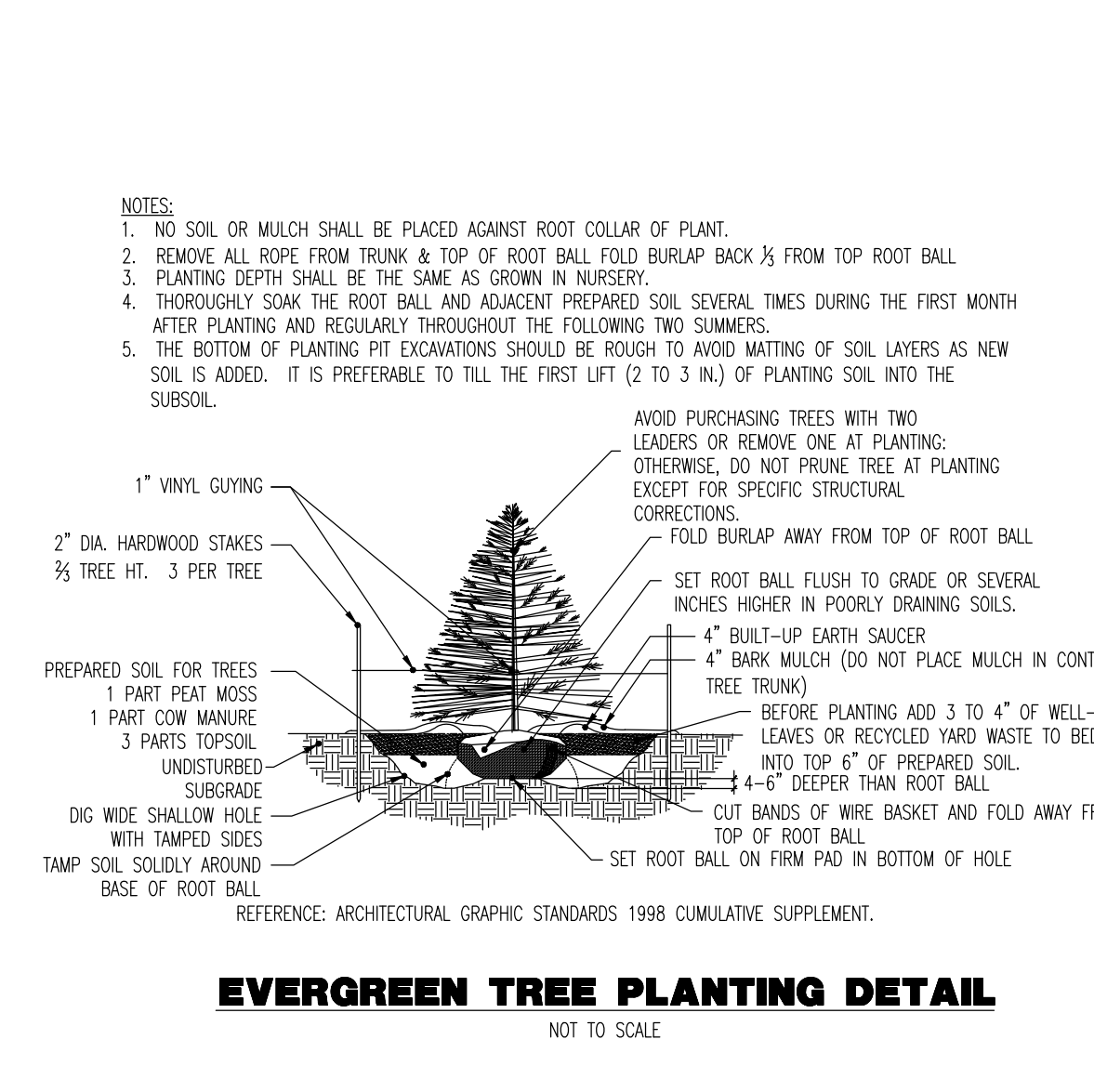
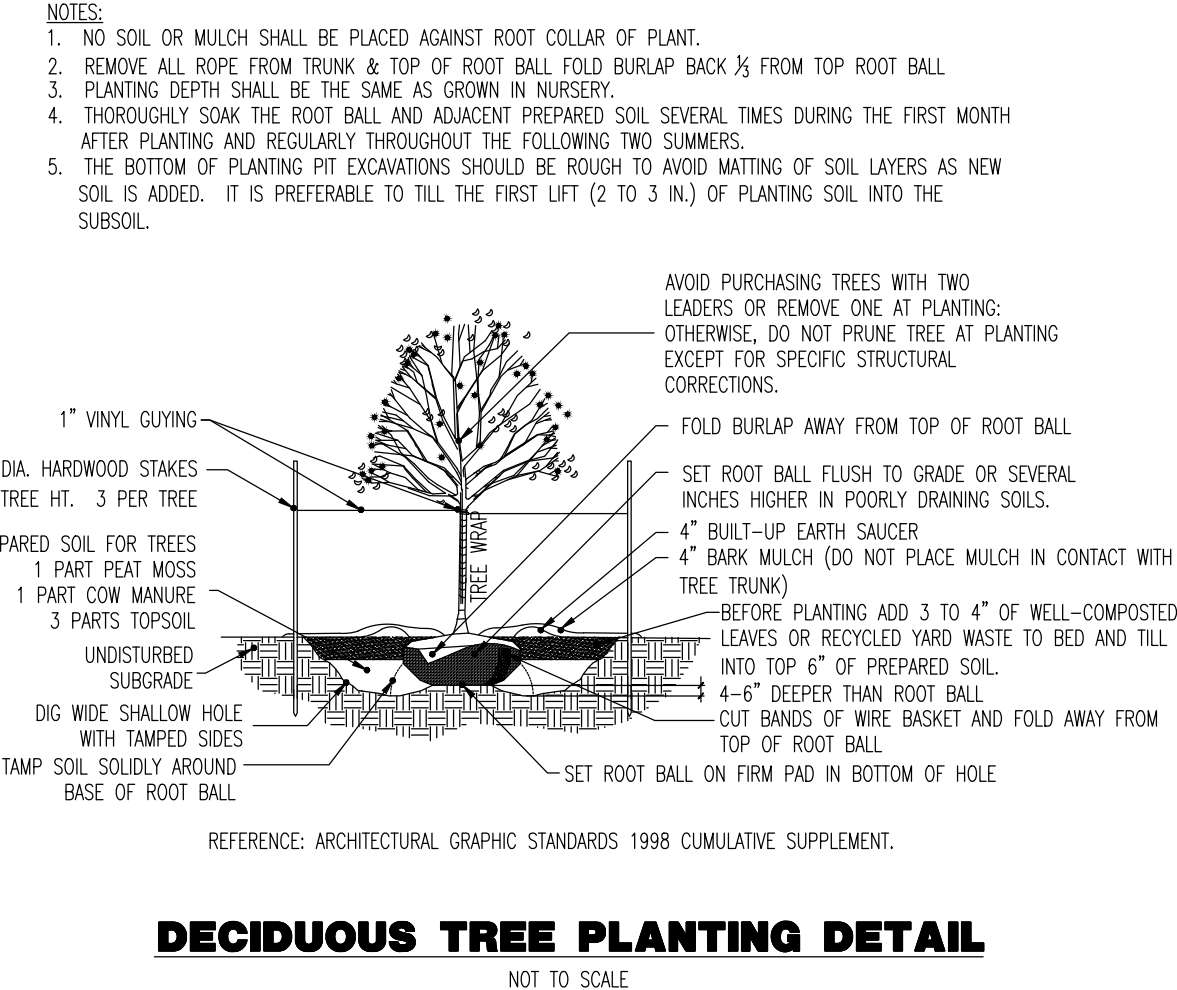


Plotted: 03/26/21 - 5:08 PM, By: russell  
File: P:\CEPC PROJECTS\2766 Corrois Restaurant Group\99-005 New Milford\DWG\Site Plan\0276699005SLO.dwg, -----> 06 LANDSCAPE PLAN



LANDSCAPE SCHEDULE					
KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
ORNAMENTAL TREES(S)	1	CORNUS RUTICA 'C'	CONSTELLATION DOGWOOD HYBRID	2-1/2" CAL.	B+B
		CRHC			
EVERGREEN TREES(S)	1	ILEX X COMPA'	OAKLEAF RED HOLLY	4-5'	B+B
		IXC			
EVERGREEN SHRUB(S)	8	JUNIPERUS CHINENSIS 'HETZI COLUMNARIS'	COLUMNAR HETZ JUNIPER	4-5'	B+B
		JHC			
EVERGREEN SHRUB	14	PRUNUS LAUROCARISUS 'OTTO LUYKEN'	OTTO LUYKEN CHERRY LAUREL	24-30"	#3 CAN
		PXL			
DECIDUOUS SHRUB(S)	4	HYDRANGEA QUERCIFOLIA 'SNOW QUEEN'	SNOW QUEEN OAKLEAF HYDRANGEA	24-30"	#5 CAN
		HQS			

NOTE: IF ANY DISCREPANCIES OCCUR BETWEEN AMOUNTS SHOWN IN THE PLAN AND THE PLANT LIST, THE PLAN SHALL DICTATE.



## THIS PLAN TO BE UTILIZED FOR LANDSCAPE PURPOSES ONLY

- ### PLANTING NOTES
- PLANT MATERIAL SHALL BE FURNISHED AND INSTALLED AS INDICATED, INCLUDING ALL LABOR, MATERIALS, PLANTS, EQUIPMENT, INCIDENTALS, AND CLEAN-UP.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR PLANTING AT CORRECT GRADES AND ALIGNMENTS. LAYOUT TO BE APPROVED BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
  - PLANTS SHALL BE TYPICAL OF THEIR SPECIES AND VARIETY, HAVE NORMAL GROWTH HABITS, WELL DEVELOPED BRANCHES, DENSELY FOLIATED, VIGOROUS ROOT SYSTEMS AND BE FREE FROM DEFECTS AND INJURIES.
  - CONTRACTOR SHALL REPORT SOIL DRAINAGE CONDITIONS CONSIDERED DETRIMENTAL TO THE GROWTH OF PLANT MATERIAL.
  - ALL PLANT MATERIAL SHALL BE GUARANTEED BY THE CONTRACTOR TO BE IN VIGOROUS GROWING CONDITION. PROVISION SHALL BE MADE FOR A GROWTH GUARANTEE OF AT LEAST ONE (1) YEAR FROM THE DATE OF ACCEPTANCE FOR TREES AND SHRUBS. REPLACEMENTS SHALL BE MADE AT THE BEGINNING OF THE FIRST SUCCEEDING PLANTING SEASON. ALL REPLACEMENTS SHALL HAVE A GUARANTEED GROWTH RATE THAT EXCEEDS THAT STATED ABOVE.
  - INsofar as it is PRACTICABLE, PLANT MATERIAL SHALL BE PLANTED ON THE DAY OF DELIVERY. IN THE EVENT THIS IS NOT POSSIBLE, THE CONTRACTOR SHALL PROTECT STOCK AND SHALL NOT REMAIN UNPLANTED FOR LONGER THAN A THREE DAY PERIOD AFTER DELIVERY. ANY PLANTS NOT INSTALLED DURING THIS PERIOD WILL BE REJECTED.
  - QUALITY AND SIZE OF PLANTS, SPREAD OF ROOTS, AND SIZE OF BALLS SHALL BE IN ACCORDANCE WITH ANSI Z60.1 (REV. 2001) "AMERICAN STANDARD FOR NURSERY STOCK" AS PUBLISHED BY THE AMERICAN NURSERY ASSOCIATION.
  - ALL PLANTS SHALL BE PLANTED IN AMENDED TOPSOIL THAT IS THOROUGHLY MIXED WITH PROGRESSIVE PROPORTIONS OF COMPOST, MULCH, AND FERTILIZER. MULCH TO BE AS SHOWN ON PLANTING DETAILS. LAND PLANTING AREAS TO BE INCORPORATED INTO THE LANDSCAPE DESIGN. PLANTS SHALL BE PLANTED IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:
  - PLANTS SHALL NOT BE BOUND WITH WIRE OR ROPE AT ANY TIME SO AS TO DAMAGE THE BARK OR BREAK BRANCHES. PLANTS SHALL BE HANDLED FROM THE BOTTOM OF THE BALL.
  - PLANTING OPERATIONS SHALL BE PERFORMED DURING PERIODS WITHIN THE PLANTING SEASON WHEN WEATHER AND SOIL CONDITIONS ARE SUITABLE AND IN ACCORDANCE WITH ACCEPTED LOCAL PRACTICE. PLANTS SHALL NOT BE INSTALLED IN TOPSOIL THAT IS IN A MUDDY OR FROZEN CONDITION. ALL PLANT MATERIAL SHALL BE SPRAYED WITH MULCH-PRUIT OR EQUIVALENT AS PER MANUFACTURER'S INSTRUCTIONS.
  - NO PLANT, EXCEPT GROUND COVERS, SHALL BE PLANTED LESS THAN TWO FEET FROM EXISTING STRUCTURES AND SIDEWALKS.
  - ALL PLANTS PLANTED AND STAKED SHALL BE SET AT SUCH LEVEL THAT A NORMAL OR NATURAL RELATIONSHIP TO THE GROWN OF THE PLANT WITH THE GROUND SURFACE WILL BE ESTABLISHED. LOCATE PLANT IN THE CENTER OF THE PIT.
  - ALL INJURED ROOTS SHALL BE PRUNED TO MAKE CLEAN CUTS BEFORE PLANTING. UTILIZING CLEAN, SHARP TOOLS. IT IS ADVISABLE TO PRUNE APPROXIMATELY 1/3 OF THE GROWTH INCLINATION. PRUNE CUTTERS AND CUPS BY THE REMOVAL OF SUPERFLUOUS BRANCHES, THOSE WHICH CROSS, THOSE WHICH RUN PARALLEL, ETC. MAIN LEADER OF TREES WILL NOT BE CUT BACK. LONG SIZE BRANCHES, HOWEVER, MUST BE SHORTENED.
  - ALL TREES AND SHRUBS SHALL BE HANDLED IN ACCORDANCE WITH STANDARD PRACTICE TO PRESERVE NATURAL CHARACTER OF PLANT. PRUNING SHALL BE DONE WITH CLEAN, SHARP TOOLS.
  - ALL EXISTING TREES TO REMAIN SHALL BE PRUNED TO REMOVE ANY DAMAGED BRANCHES AS A RESULT OF CONSTRUCTION OPERATIONS. ALL EXISTING TREES SHALL BE FERTILIZED WITH A REGULAR GROWTH FERTILIZER (5-10-5) UPON COMPLETION OF WORK. THE ENTIRE LIMB OF ANY DAMAGED BRANCH SHALL BE CUT OFF AT THE TRUNK. CONTRACTOR TO ENSURE THAT CUTS ARE SMOOTH AND STRAIGHT. ANY EXPOSED ROOTS SHALL BE CUT BACK WITH SHARP TOOLS AND FILLED AROUND WITH TOPSOIL. COMPLETELY SATURATE THESE AREAS WITH WATER. ROOTS SHALL NOT BE LEFT EXPOSED FOR MORE THAN ONE (1) DAY. CONTRACTOR IS TO PROTECT ALL EXISTING TREES TO REMAIN BY ERECTING TREE PROTECTION FENCE AT THE DUMP LINE. THIS WILL ENSURE NO COMPACTION OF THE ROOT MASS.
  - ALL PLANTING BEDS SHALL BE MULCHED WITH 4" LAYER OF DOUBLE SHREDDED HARDWOOD BARK MULCH.
  - NEW PLANTING AREAS SHALL BE ACCURATELY GRADDED OR WATERED TO ESTABLISH THE PROPOSED PLANTS AND LAWN.
  - PRIOR TO THE ISSUANCE OF ANY CERTIFICATE OF OCCUPANCY, THE PROPOSED LANDSCAPE AS SHOWN ON THE APPROVED LANDSCAPE PLAN MUST BE INSTALLED, INSPECTED AND APPROVED BY THE MUNICIPAL ENGINEER AND LANDSCAPE ARCHITECT. THE MUNICIPAL ENGINEER AND LANDSCAPE ARCHITECT SHALL TAKE INTO ACCOUNT SEASONAL CONSIDERATIONS IN THIS REGARD AS FOLLOWS: THE PLANTING OF TREES, SHRUBS, VINES OR GROUND COVER AS REQUIRED BY OR ASSOCIATED WITH A SUBDIVISION OR SITE PLAN APPROVAL BY THE PLANNING BOARD OR ZONING BOARD OF ADJUSTMENT SHALL BE INSTALLED DURING THE FOLLOWING PLANTING SEASONS:
- | PLANTS | DATES         |
|--------|---------------|
| ACER   | 3/15 TO 12/15 |
| BETULA | 3/15 TO 12/15 |
| CORNUS | 3/15 TO 12/15 |
| CRH    | 3/15 TO 12/15 |
| IXC    | 3/15 TO 12/15 |
| JHC    | 3/15 TO 12/15 |
| PXL    | 3/15 TO 12/15 |
| HQS    | 3/15 TO 12/15 |
- FURTHERMORE, THE FOLLOWING TREE VARIETIES SHALL NOT BE PLANTED DURING THE FALL PLANTING SEASON DUE TO THE HAZARDS ASSOCIATED WITH DIGGING THESE TREES IN THIS SEASON.
- | ACER VARIETIES   | POPULUS VARIETIES |
|------------------|-------------------|
| ACER RUBRUM      | POPULUS VARIETIES |
| BETULA VARIETIES | PRUNUS VARIETIES  |
| CORNUS VARIETIES | QUERCUS VARIETIES |
| CRH VARIETIES    | SALIX VARIETIES   |
| IXC VARIETIES    | ULM VARIETIES     |
| JHC VARIETIES    | ZELKOVA VARIETIES |
| PXL VARIETIES    |                   |
| HQS VARIETIES    |                   |
- ANY PLANTINGS INSTALLED IN CONFLICT WITH THIS REQUIREMENT MUST RECEIVE THE WRITTEN APPROVAL BY THE MUNICIPAL ENGINEER OR LANDSCAPE ARCHITECT, PRIOR TO PLANTING. FAILURE TO COMPLY WITH THESE REQUIREMENTS WILL REQUIRE THE REMOVAL OF THE PLANTING IN QUESTION. THIS REQUIREMENT DOES NOT APPLY TO SEEDING OR SOILING OR PLANTINGS SPECIFICALLY FOR SOIL STABILIZATION PURPOSES. THE PLANTING ASSOCIATED WITH ANY LOT GIVEN A CERTIFICATE OF OCCUPANCY OUTSIDE THESE PERIODS SHALL BE PROVIDED DURING THE PREVIOUS OR NEXT APPROPRIATE SEASON.
19. ALL DISTURBED AREAS TO BE TREATED WITH TOPSOIL SEED SOIL STABILIZATION METHOD.

- ### PLANTING SPECIFICATIONS
- SCOPE OF WORK  
A. THIS WORK SHALL CONSIST OF PERFORMING, CLEARING AND SOIL PREPARATION, FINISH GRADING, PLANTING AND DRAINAGE, INCLUDING ALL LABOR, MATERIALS, TOOLS, EQUIPMENT, AND ANY OTHER APPOINTMENTS NECESSARY FOR THE COMPLETION OF THIS PROJECT.
  - MATERIALS  
A. GENERAL - ALL MATERIALS SHALL MEET OR EXCEED SPECIFICATIONS AS OUTLINED IN THE STATE DEPARTMENT OF TRANSPORTATION (D.O.T.) MANUAL OF ROADWAY AND BRIDGE CONSTRUCTION (LATEST EDITION) OR APPROVED EQUIVALENT.  
B. PLANTS - ALL PLANTS SHALL BE HEALTHY OR NORMAL GROWTH, WELL ROOTED, FREE FROM DISEASE AND INSECTS.  
C. TOPSOIL - LOAMY SILT, HAVING AN ORGANIC CONTENT NOT LESS THAN 5%, pH RANGE BETWEEN 4.5 - 7, BE FREE OF DEBRIS, ROCKS LARGER THAN TWO INCHES (2"), WOOD, ROOTS, VEGETABLE MATTER AND CLAY CLODS.  
D. MULCH - FOUR (4) INCHES DOUBLE SHREDDED HARDWOOD BARK MULCH.
  - FERTILIZER AND SOIL CONDITIONER - PLANTED AREAS  
A. ORGANIC FERTILIZER - SHALL BE PROCESSED SEWER SLUDGE WITH MINIMAL CONTENT OF 1% NITROGEN AND 2% PHOSPHORIC ACID, EQUAL TO "NITROHUMUS".  
B. ORGANIC FERTILIZER AND SOIL CONDITIONER - SHALL BE "GRO-POWER" AND ORGANIC BASE MATERIALS COMPRISED OF DECOMPOSED ANIMAL AND VEGETABLE MATTER AND COMPOSTED TO SUPPORT BACTERIAL CULTURES, CONTAINING NO POULTRY OR HUMAN WASTE, GUARANTEED ANALYSIS (5-3-1); NITROGEN 5%, PHOSPHATE 3%, POTASH 1%, 50% HUMUS AND 15% HUMIC ACIDS.
  - GENERAL WORK PROGRESS  
A. LANDSCAPE WORK SHALL COMMENCE AS SOON AS THOSE PORTIONS OF THE SITE ARE AVAILABLE. CONTRACTOR TO UTILIZE WORKMANLIKE STANDARDS IN PERFORMING ALL LANDSCAPE CONSTRUCTION. THE SITE IS TO BE LEFT IN A CLEAN STATE AT THE END OF EACH DAY'S WORK. ALL DEBRIS, MATERIALS, AND TOOLS SHALL BE PROPERLY STOCKPILED OR DISPOSED OF ALL PAID SURFACES SHALL BE KEPT CLEAN AT THE END OF EACH DAY'S WORK.
  - WEEDING  
A. BEFORE AND DURING PRELIMINARY GRADING AND FINISH GRADING, ALL WEEDS AND GRASSES SHALL BE DUG OUT BY THE ROOTS AND DISPOSED OF AT THE CONTRACTOR'S EXPENSE.
  - TOPSOILING  
A. CONTRACTOR TO PROVIDE A 4" THICK TOPSOIL FINISH GRADING IN ALL PLANTING AREAS. TOPSOIL SHOULD BE SPREAD OVER A PREPARED SURFACE IN A UNIFORM LAYER TO PRODUCE A 4" UNSETTLED THICKNESS. TOPSOIL PRESENT AT THE SITE, IF ANY, MAY BE USED TO SUPPLEMENT TOTAL AMOUNT REQUIRED. CONTRACTOR TO FURNISH AN ANALYSIS OF ON-SITE TOPSOIL UTILIZED IN ALL PLANTING AREAS, ADJUST pH AND NUTRIENT LEVELS AS REQUIRED TO ENSURE AN ACCEPTABLE GROWING MEDIUM.
  - SOIL CONDITIONING  
A. CULTIVATE ALL AREAS TO BE PLANTED TO A DEPTH OF 6". ALL DEBRIS EXPOSED FROM EXCAVATION AND CULTIVATION SHALL BE DISPOSED OF AT THE CONTRACTOR'S EXPENSE. SPREAD EVENLY IN ALL PLANTING AREAS AND TILL (2 DIRECTIONS) INTO TOP 4" WITH THE FOLLOWING PER 1,000 SQ. FT.:
    - 20 POUNDS NITROGEN (SOURCE) 38-0-0 BLUE CHIP
    - 20 POUNDS NITROGEN (SOURCE) 38-0-0 BLUE CHIP
    - 20 POUNDS NITROGEN (SOURCE) 38-0-0 BLUE CHIP

- ### STANDARD FOR STABILIZATION WITH MULCH ONLY
- UNROTTED SMALL-GRAIN STRAW, OR SALT HAY AT 2.0 TO 2.5 TONS PER ACRE IS SPREAD UNIFORMITY AT 90 TO 115 POUNDS PER 1,000 SQUARE FEET AND ANCHORED WITH A MULCH ANCHORING TOOL. LIQUID MULCH BINDERS, OR NETTING TO DOWN, OTHER SUITABLE MATERIALS MAY BE USED IF APPROVED BY THE SOIL CONSERVATION DISTRICT.
  - ASPHALT EMULSION IS RECOMMENDED AT THE RATE OF 600 TO 1,200 GALLONS PER ACRE. THIS IS SUITABLE FOR A LIMITED PERIOD OF TIME WHERE TRAVEL BY PEOPLE, ANIMALS, OR MACHINES IS NOT A PROBLEM.
  - SYNTHETIC OR ORGANIC SOIL STABILIZERS MAYBE USED UNDER SUITABLE CONDITIONS AND IN QUANTITIES AS RECOMMENDED BY THE MANUFACTURER.
  - 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 HYDROSEDER.
  - MULCH NETTING, SUCH AS PAPER JUTE, EXCELLOSIL, COTTON, OR PLASTIC, MAYBE USED.
  - WOOD CHIPS APPLIED UNIFORMITY AT A MINIMUM DEPTH OF 2 INCHES.
  - GRAVEL, CRUSHED STONE, OR SLAG AT RATE OF 5 CUBIC YARDS PER 1,000 SQ. FT. AT DEPTH OF 3 INCHES.
  - MULCH ANCHORING TO BE DONE IMMEDIATELY AFTER EACH OF THE FOLLOWING METHODS:
    - (1) PEG AND NAIL
    - (2) MULCH NETTING
    - (3) LIQUID MULCH-BINDERS
    - (4) CRIMPER (MULCH ANCHORING COLLATER TOOL)

**DYNAMIC**  
ENGINEERING  
TRAFFIC • SURVEY • PLANNING • ZONING

THIS PLAN SET IS FOR PERMITTING PURPOSES ONLY AND MAY NOT BE USED FOR CONSTRUCTION	DESIGNED BY: RJC	CHECKED BY: RJC
DRAWN BY: RRR	INCHES BY: JFR	SCALE BY: RRR

PROJECT: **CARROLLS RESTAURANT GROUP**  
**PROPOSED RESTAURANT REMODEL**  
8708 RIVER ROAD (CR 411)  
BOROUGH OF NEW MILFORD, BERGEN COUNTY, NEW JERSEY

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NEW JERSEY LICENSE NO. 47204

TITLE: **LANDSCAPE PLAN**

SCALE: (H) 1" = 20'  
(V) 1" = 20'

DATE: 03/26/2021

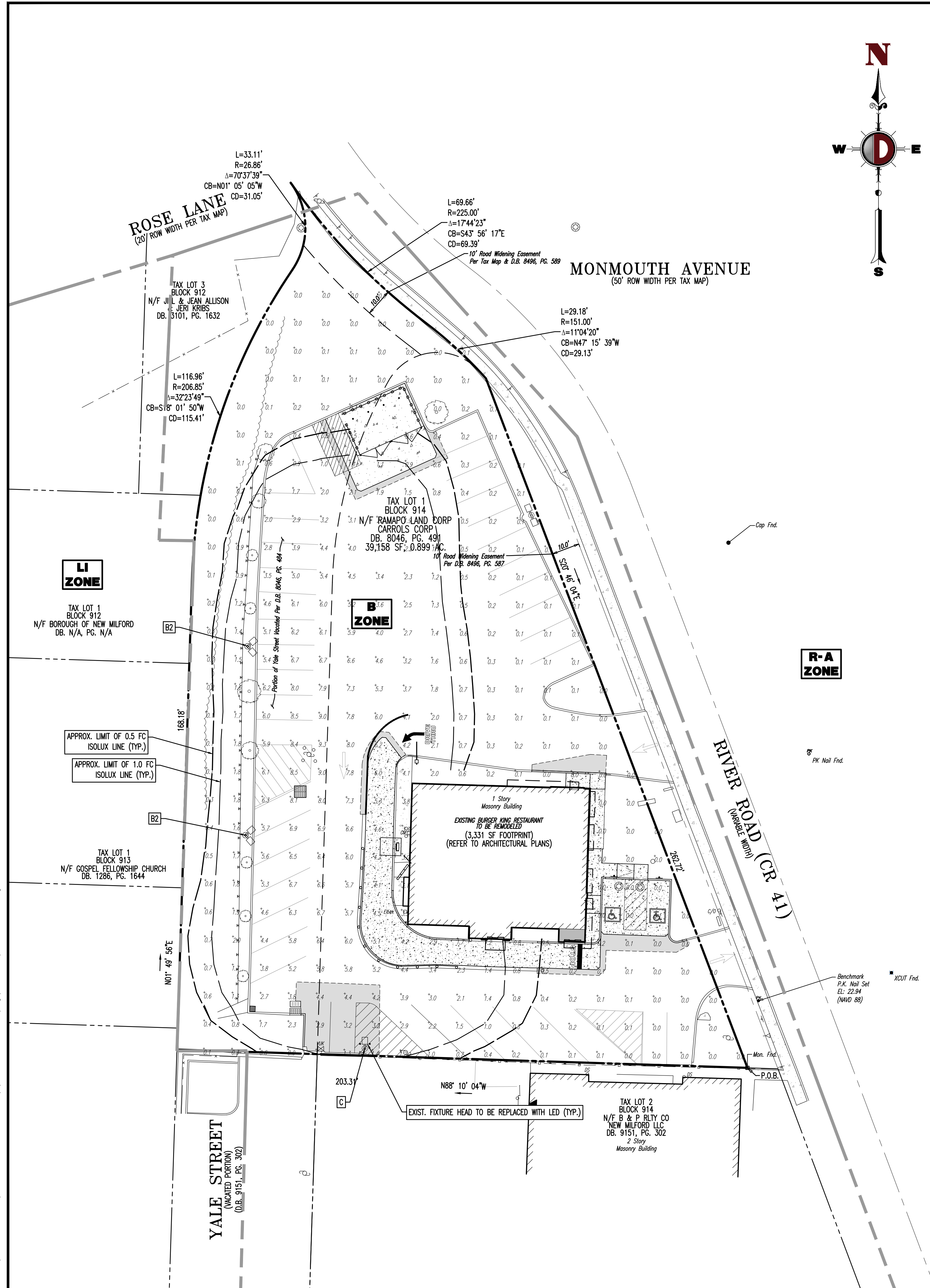
PROJECT NO: 2766-99-005

SHEET NO: **6**

Rev. #1

OF 11





## THIS PLAN TO BE UTILIZED FOR LIGHTING PURPOSES ONLY

### GENERAL LIGHTING 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 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 GUYARD POSTS.
- ALL WIRING METHODS AND EQUIPMENT CONSTRUCTION SHALL CONFORM TO THE CURRENT NATIONAL ELECTRICAL CODE.
- REFER TO ARCHITECTURAL PLANS FOR SITE LIGHTING DIAGRAM.
- LIGHTING REQUIREMENTS (\$30-28.18)

THE STYLE OF THE LIGHTING FIXTURE, MOUNTING AND HARDWARE SHALL BE CONSISTENT WITH THE ARCHITECTURAL STYLE OF THE PRINCIPAL BUILDING. SUBJECT TO REVIEW AND APPROVAL BY THE MUNICIPAL AGENCY.

OUTDOOR LIGHTING FIXTURES USED TO ILLUMINATE ARCHITECTURAL AND LANDSCAPE FEATURES SHALL USE A NARROW CONE OF LIGHT FOR THE PURPOSE OF CONFINING THE LIGHT TO THE OBJECT.

ALL LIGHTING FIXTURES MUST HAVE ZERO UPLIGHT (NO LIGHT BEYOND NAIR) AND QUALIFY AS A NIGHTTIME FRIENDLY™ PRODUCT OR BE CONSISTENT WITH THE LED200 AND GREEN GLOBS™ CRITERIA FOR ELIMINATING WASTEFUL UPLIGHT AND PROTECTING THE NIGHT SKY. SPOTLIGHT-TYPE FIXTURES ATTACHED TO BUILDINGS ARE NOT PERMITTED.

WHERE LIGHTING ALONG A PROPERTY LINES WILL BE VISIBLE FROM ADJACENT RESIDENTIAL USES, THE LIGHTS SHALL BE SHIELDED AND LIGHT SHALL NOT EXCEED BEYOND THE BOUNDARY OF THE PROPERTY.

LIGHTING SHOULD BE PROVIDED WHERE BUILDINGS ARE SET BACK OR OFFSET.

MAXIMUM HEIGHT FREESTANDING LIGHTS: 18' PERMITTED; 30' EXISTING (E)

MINIMUM AVERAGE ILLUMINATION OF PARKING LOTS: 0.5 FC WITH 15:1 UNIFORMITY RATIO REQUIRED; 2.69 FC & 13:1 PROPOSED (COMPLIES)

MAXIMUM ILLUMINATION AT PROPERTY LINES: 0.5 FC PERMITTED 1.4 PROPOSED (M)



Catalog #:

Project:

Prepared By:

Date:

### Slice Medium (SLM) Outdoor LED Area Light



OVERVIEW	
Lumen Package	9,000 - 42,000
Wattage Range	69 - 390
Efficacy Range (LPW)	93 - 145
Weight (lbs/kg)	30 (13.6)

#### QUICK LINKS

Ordering Guide

Performance

Photometrics

Dimensions

#### FEATURES & SPECIFICATIONS

##### Construction

- Rugged die-cast aluminum housing contains factory prewired driver and optical unit. Cast aluminum wiring access door located underneath.
- Designed to mount to square poles. Fixtures are finished with LSI's DuraGrip polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling. Other standard LSI finishes available. Consult factory.
- Shipping weight: 30 lbs in carton.

##### Optical System

- State-of-the-Art one piece silicone optic sheet delivers industry leading optical control with an integrated gasket to provide IP66 rated sealed optical chamber in 1 component.
- Proprietary silicone refractor optics provide exceptional coverage and uniformity in IES Types 2, 3, SW, FT and FTA.
- Silicone optical material does not yellow or crack with age and provides a typical light transmittance of 93%.
- Zero uplight.
- Available in 5000K, 4000K, and 3000K color temperatures per ANSI C78.377. Also Available in Phosphor Converted Amber with Peak intensity at 600nm.
- Minimum CR of 70.
- Integral Louver (L) option available for improved back-light control without sacrificing street side performance. See page 5 for more details.

##### Electrical

- High-performance driver features over-voltage, under-voltage, short-circuit and over temperature protection.
- 0-10V dimming (0% - 100%) standard.
- Standard Universal Voltage (120-277 Vac) Input 50/60 Hz or optional High Voltage (247-480 Vac).
- L80 Calculated Life: >100K Hours (See Lumen Maintenance on Page 3)
- Total harmonic distortion: <20%
- Operating temperature: -40°C to +50°C (-40°F to +122°F). 42L lumen package rated to +40°C.
- Power factor: >90
- Input power stays constant over life.
- Field replaceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).
- High-efficiency LEDs mounted to metal-core circuit board to maximize heat dissipation.
- Components are fully encased in potting material for moisture resistance. Driver complies with FCC standards. Driver and key electronic components can easily be accessed.

##### Controls

- Optional integral passive infrared Bluetooth™ motion and photoeye sensor (see page 5 for more details). Fixtures operate independently and can be commissioned via iOS or Android configuration app.
- LSI's AutoLink™ wireless control system options reduce energy and maintenance costs while optimizing light quality 24/7. (See page 5 for more details).

##### Installation

- A single fastener secures the hinged door, underneath the housing and provides quick & easy access to the electrical compartment.
- Included terminal block accepts up to 12 ga. wire.
- Utilizes LSI's traditional 3" drill pattern B3 for easy fastening of LSI products.

##### Warranty

- LSI LED Fixtures carry a 5-year warranty.

##### Listings

- Listed to UL 1598 and UL 8750.
- Meets Buy American Act requirements.
- IDA compliant with 2000K color temperature selection.
- Title 24 Compliant; see local ordinance for qualification information.
- Suitable for wet Locations.
- IP66 rated Luminaire per IEC 60598. IP66 rated optical chamber.
- >35 rated for ANSI C136.31 high vibration applications.
- IP66 rated Luminaire per IEC 60598. IP66 rated optical chamber.
- >35 rated for ANSI C136.31 high vibration applications.

Specifications and dimensions subject to change without notice.



### Slice Medium Outdoor LED Area Light

#### PERFORMANCE (CONT.)

Lumen Package	Distribution	CRI	3000K CCT			4000K CCT			5000K CCT			Wattage
			Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	
30L	2 IL	70	20380	123	84-UG-03	21220	126	84-UG-03	21220	127	81-UG-02	248.6
	2 IL	70	18324	74	81-UG-02	18676	76	81-UG-02	19082	77	81-UG-02	
	3	70	31319	126	83-UG-04	32256	130	83-UG-04	32614	131	83-UG-04	
	3 IL	70	21801	88	81-UG-04	22460	90	81-UG-04	22703	91	81-UG-04	
	SW	70	28843	116	85-UG-03	29715	120	85-UG-03	30036	121	85-UG-04	
	FT	70	29079	125	83-UG-04	31461	128	83-UG-04	31740	128	83-UG-03	
	FTA IL	70	19152	77	81-UG-03	19731	79	81-UG-03	19944	80	81-UG-04	
	FTA	70	31030	125	83-UG-03	31969	129	84-UG-03	32314	130	84-UG-03	
	FTA IL	70	21015	85	81-UG-02	21650	87	81-UG-02	21884	88	81-UG-02	
	2	70	30082	114	84-UG-04	31773	117	84-UG-04	32574	118	84-UG-04	
36L	2 IL	70	21801	88	81-UG-03	22461	74	85-UG-03	22704	72	85-UG-03	317.8
	3	70	32793	117	83-UG-04	34401	121	83-UG-04	34887	122	84-UG-04	
	3 IL	70	25974	82	81-UG-04	26759	84	81-UG-04	27048	85	81-UG-04	
	FTA	70	34383	108	85-UG-04	35402	111	85-UG-04	35784	113	85-UG-04	
	FT	70	36313	114	83-UG-03	37411	118	84-UG-03	37815	119	84-UG-03	
	FTA IL	70	22817	72	81-UG-04	23507	74	81-UG-04	23781	75	81-UG-04	
	FTA	70	26989	116	84-UG-04	28087	120	84-UG-04	28488	121	84-UG-04	
	FTA IL	70	25937	79	81-UG-03	26794	81	81-UG-02	26973	82	81-UG-02	
	2	70	41080	104	85-UG-04	42001	108	85-UG-04	42758	109	85-UG-04	
	2 IL	70	24843	63	82-UG-03	25584	65	82-UG-03	25871	66	82-UG-03	
42L	3	70	42861	108	84-UG-05	43745	111	84-UG-05	44217	112	84-UG-05	383.4
	3 IL	70	28557	75	81-UG-04	29451	77	81-UG-04	29778	78	81-UG-04	
	SW	70	38104	99	85-UG-04	40206	102	85-UG-04	40721	104	85-UG-04	
	FT	70	41323	105	84-UG-05	42572	108	84-UG-05	43032	109	84-UG-05	
	FTA IL	70	25985	66	81-UG-04	26750	68	81-UG-04	27039	69	81-UG-04	
	FTA	70	42069	107	84-UG-04	43041	110	84-UG-04	43609	111	84-UG-04	
	FTA IL	70	28491	72	81-UG-02	29353	75	81-UG-03	29670	76	81-UG-03	
	2 IL	70	24843	63	82-UG-03	25584	65	82-UG-03	25871	66	82-UG-03	
	3	70	42861	108	84-UG-05	43745	111	84-UG-05	44217	112	84-UG-05	
	3 IL	70	28557	75	81-UG-04	29451	77	81-UG-04	29778	78	81-UG-04	

#### ELECTRICAL DATA (AMPS)\*

Lumens	Watts	120V	208V	240V	277V	347V	480V
6L	68.2	0.6	0.3	0.3	0.2	0.2	0.1
12L	135.1	0.8	0.4	0.4	0.3	0.3	0.2
18L	188.5	1.2	0.7	0.6	0.5	0.4	0.3
24L	188.8	1.6	0.9	0.8	0.7	0.5	0.4
30L	248.6	2.1	1.2	1.0	0.9	0.7	0.5
36L	317.8	2.6	1.5	1.3	1.1	0.9	0.7
42L	383.4	3.3	1.9	1.6	1.4	1.1	0.8

#### RECOMMENDED LUMEN MAINTENANCE\* (9-18L)

Ambient	Initial	25k	50k	75k	100k
0°C	100%	97%	94%	92%	87%
10°C	100%	97%	94%	92%	87%
20°C	100%	97%	94%	92%	87%
25°C	100%	97%	92%	89%	86%
30°C	100%	97%	92%	89%	86%
40°C	100%	97%	92%	89%	84%
50°C	100%	96%	91%	87%	81%

#### RECOMMENDED LUMEN MAINTENANCE\* (42L)

Ambient	Initial	25k	50k	75k	100k
0°C - 40°C	100%	100%	97%	94%	92%

#### FOOTNOTES:

- Lumen maintenance values at 25°C are calculated per TM-21 based on LM-80 data and 90% bin testing.
- In accordance with IESNA TM-21-11, Reported Values represent interpolated values based on time durations that are within six times the IESNA LM-80-08 total test duration for the device under testing.
- In accordance with IESNA TM-21-11, Calculated Values represent time durations that exceed six times the IESNA LM-80-08 total test duration for the device under testing.

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### LIGHTING LUMINAIRE SCHEDULE

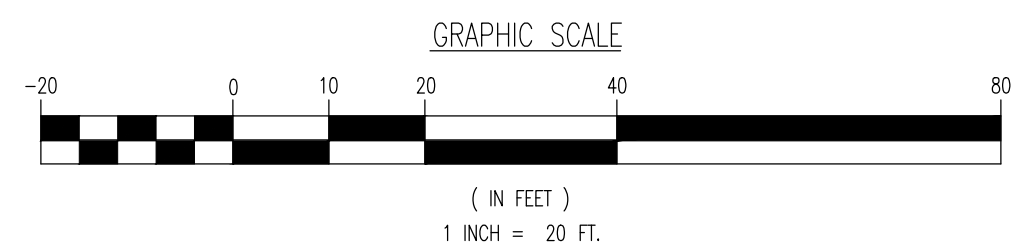
SYMBOL	QUANTITY	LABEL	WATTAGE	MOUNTING HEIGHT	ARRANGEMENT	LIGHT LOSS FACTOR	MANUFACTURER	DESCRIPTION	IES FILE
	1	C	148.5	30	SINGLE	1.000	LSI INDUSTRIES INC.	SLM-LED-18L-SIL-FT-50-70CRI-IL-SINGLE-30' MT HGT EXISTING	SLM-LED-18L-SIL-FT-50-70CRI-IL-SINGLE-30' MT HGT EXISTING
	2	B2	188.8	30	ROTATED OPTICS	1.000	LSI INDUSTRIES INC.	SLM-LED-24L-SIL-FT-50-70CRI-IL-D180-ROT-30' MT HGT EXISTING	SLM-LED-24L-SIL-FT-50-70CRI-IL-D180-ROT-30' MT HGT EXISTING

(FM) - FLUSH MOUNT FOUNDATION (PED) - PEDESTAL FOUNDATION  
THE CALCULATIONS SHOWN WERE MADE UTILIZING ACCEPTED PROCEDURES OF THE ILLUMINATING ENGINEERING SOCIETY OF NORTH AMERICA. VARIATIONS IN LAMP OUTPUT, BALLAST OUTPUT, LINE VOLTAGE, DIRT DEGRADATION, AND OTHER FACTORS MAY AFFECT ACTUAL RESULTS. UNLESS OTHERWISE STATED, ALL RESULTS ARE MAINTAINED VALUES, UTILIZING ACCEPTED LIGHT LOSS FACTORS (LLF).

### STATISTICAL AREA SUMMARY

LABEL	AVERAGE	MAXIMUM	MINIMUM	AVG./MIN.	MAX./MIN.
ALL CALC. POINTS	0.83	9.3	0.0	N/A	N/A
INSIDE CURB	2.69	9.3	0.0	N/A	N/A

NOTE: EXISTING LIGHT POLE TO REMAIN (TYP.); FIXTURE HEADS TO BE REPLACED WITH NEW LED HEADS (TYP.)



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

PROJECT: **CARROLLS RESTAURANT GROUP**  
**PROPOSED RESTAURANT REMODEL**  
BLOCK 914, LOT 1  
876 RIVER ROAD (CR 41)  
BOROUGH OF NEW MILFORD, BERGEN COUNTY, NEW JERSEY

ALL STATES REQUIRE NOTIFICATION OF ENGINEERS, DESIGNERS, OR ANY PERSON PREPARING TO USE THE SURFACE ANYWHERE IN ANY STATE FOR STATE-SPECIFIC DIRECT PHONE NUMBERS VISIT: [WWW.CALL811.COM](http://WWW.CALL811.COM)

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**ROBERT J. COLUCCO III**  
PROFESSIONAL ENGINEER  
NEW JERSEY LICENSE No. 55851

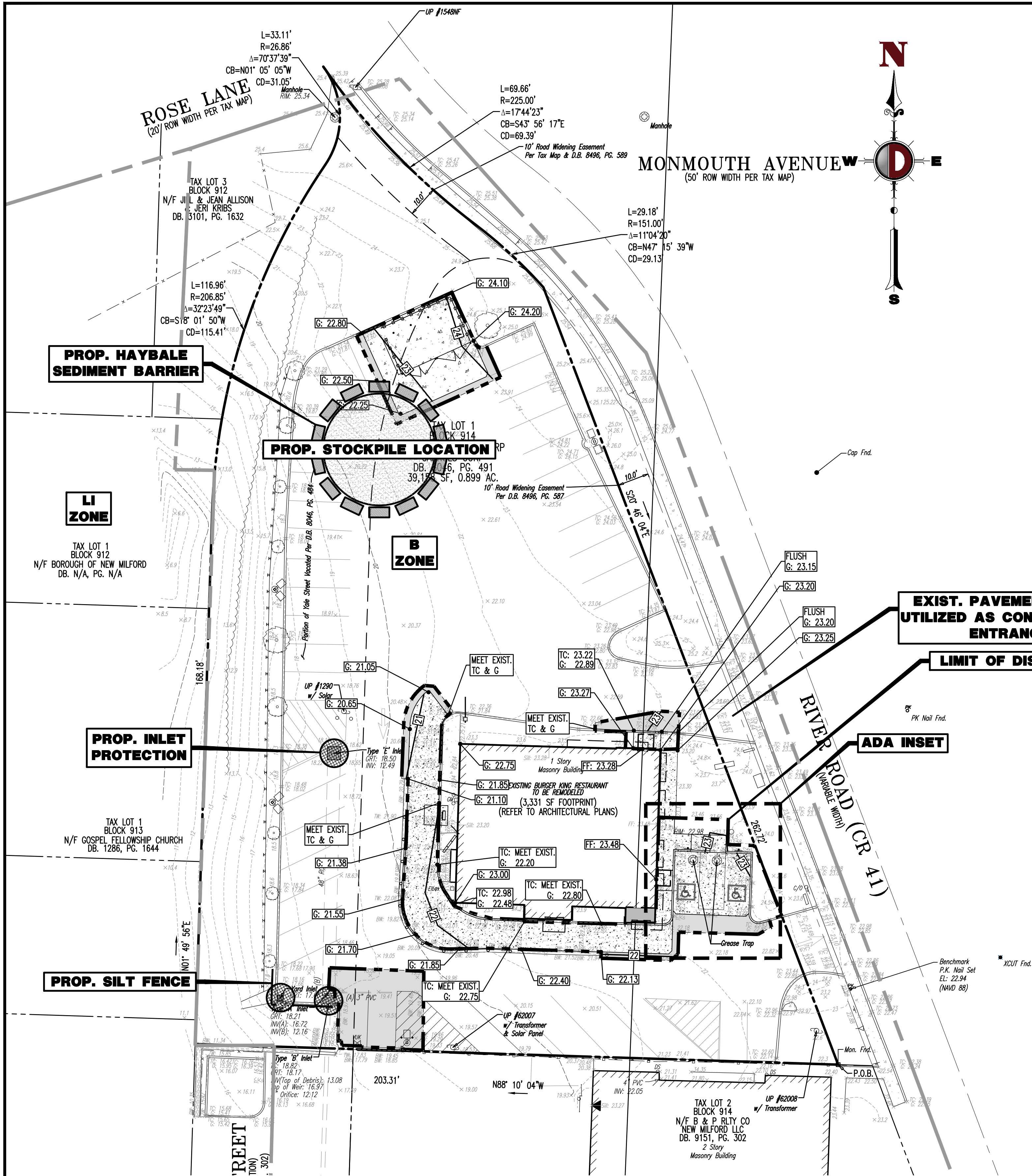
**JOSEPH C. SPARONE**  
PROFESSIONAL ENGINEER  
NEW JERSEY LICENSE No. 47204

TITLE: **LIGHTING PLAN**

SCALE: (H) 1" = 20'  
(V) 1" = 20'  
DATE: 03/26/2021  
PROJECT No: 2766-99-005  
SHEET No: **7**  
Rev. #:



Plotted: 03/26/21 - 5:09 PM. By: russell  
File: P:\CEC PROJECTS\2766 Carrols Restaurant Group\99-005 New Milford\dwg\Site Plans\0276699005SED.dwg. --> 08 SOIL EROSION & SEDIMENT CONTROL PLAN



#### 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 SIGHT.  
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 SOIL.  
SPRAY-ON ADHESIVES - ON MINERAL SOILS (NOT EFFECTIVE ON CLAY 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 MOST 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 STABILIZATION WITH MULCH ONLY

- SITE PREPARATION  
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 FOR LAND GRADING.  
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.
- 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 ANCHORED WITH A MULCH ANCHORING TOOL. LIQUID MULCH BINDERS, OR NETTING TIE DOWN, OTHER SUITABLE MATERIALS MAY BE USED IF APPROVED BY THE SOIL CONSERVATION DISTRICT. THE APPROVED RATES ABOVE HAVE BEEN TESTED WHEN THE MULCH COVERS THE GROUND COMPLETELY UNDER VISUAL INSPECTION, I.E. THE SOIL CANNOT BE SEEN BELOW THE MULCH.  
B. SYNTHETIC OR ORGANIC SOIL STABILIZERS MAY BE USED UNDER SUITABLE CONDITIONS AND IN QUANTITIES AS RECOMMENDED BY THE MANUFACTURER.  
C. 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.  
D. MULCH NETTING, SUCH AS PAPER JUTE, EXCELSIOR, COTTON, OR PLASTIC, MAY BE USED.  
E. WOODCHIPS APPLIED UNIFORMLY 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.  
F. GRAVEL, CRUSHED STONE, OR SLAG AT THE RATE OF 9 CUBIC YARDS PER 1,000 SQ. FT. APPLIED UNIFORMLY TO A MINIMUM DEPTH OF 3 INCHES MAY BE USED. SIZE 2 OR 3 (ASTM C-33) IS RECOMMENDED.
- MULCH ANCHORING - SHOULD BE ACCOMPLISHED IMMEDIATELY AFTER PLACEMENT OF HAY OR STRAW MULCH TO MINIMIZE LOSS BY WIND OR WATER. THIS MAY BE DONE BY ONE OF THE FOLLOWING METHODS IN ACCORDANCE WITH THE STATE STANDARDS, DEPENDING UPON THE SIZE OF THE AREA AND STEEPNESS OF SLOPES.  
A. PEG AND TWINE  
B. MULCH NETTINGS  
C. CRUMPER MULCH ANCHORING COULTER TOOL  
D. LIQUID MULCH-BINDERS

#### STANDARD FOR TEMPORARY VEGETATIVE COVER FOR SOIL STABILIZATION

- SITE PREPARATION  
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 FOR LAND GRADING.  
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.  
C. IMMEDIATELY PRIOR TO SEEDING, THE SURFACE SHOULD BE SCARIFIED 6" TO 12" WHERE THERE HAS BEEN SOIL COMPACTION. THIS PRACTICE IS PERMISSIBLE ONLY WHERE THERE IS NO DANGER TO UNDERGROUND UTILITIES (CABLES, IRRIGATION SYSTEMS, ETC.).
- SEEDBED PREPARATION  
A. APPLY GROUND LIME AND FERTILIZER ACCORDING TO SOIL TEST RECOMMENDATIONS SUCH AS OFFERED BY RUTGERS CO-OPERATIVE EXTENSION. SOIL SAMPLE ANALYSES ARE AVAILABLE FROM THE LOCAL RUTGERS CO-OPERATIVE EXTENSION OFFICES.  
- FERTILIZER SHALL BE APPLIED AT THE RATE OF 500 POUNDS PER ACRE OR 11 POUNDS PER 1,000 SQUARE FEET OF 10-20-10 OR EQUIVALENT WITH 50% WATER INSOLUBLE NITROGEN UNLESS A SOIL TEST INDICATES OTHERWISE.  
- CALCIUM CARBONATE IS THE EQUIVALENT AND STANDARD FOR MEASURING THE ABILITY OF LIMING MATERIALS TO NEUTRALIZE SOIL ACIDITY AND SUPPLY CALCIUM AND MAGNESIUM TO GRASSES AND LEGUMES.  
B. WORK LINE AND FERTILIZER INTO THE SOIL AS NEARLY AS PRACTICAL TO A DEPTH OF 4 INCHES WITH A DISC, SPRINGTOOTH HARROW, OR OTHER SUITABLE EQUIPMENT. THE FINAL HARROWING OR DISKING OPERATION SHOULD BE ON THE GENERAL CONTOUR. CONTINUE TILLAGE UNTIL A REASONABLE UNIFORM SEEDBED IS PREPARED.  
C. INSPECT SEEDBED JUST BEFORE SEEDING. IF TRAFFIC HAS LEFT THE SOIL COMPACTED, THE AREA MUST BE RETILLED IN ACCORDANCE WITH THE ABOVE.
- SEEDING (SEE BERGEN COUNTY SCD SOIL EROSION & SEDIMENT CONTROL NOTES)  
A. CONVENTIONAL SEEDING. APPLY SEED UNIFORMLY BY HAND, CYCLONE (CENTRIFUGAL) SEEDER, DROP SEEDER, DRILL OR CULTIPACKER SEEDER. EXCEPT FOR DRILLED, HYDROSEEDING OR CULTIPACKER SEEDINGS, SEED SHALL BE INCORPORATED INTO THE SOIL TO A DEPTH OF 1/4 TO 1/2 INCH, BY RAKING OR DRAGGING. DEPTH OF SEED INCORPORATION MAY BE 1/4 INCH DEEPER ON COARSE TEXTURED SOIL.  
B. HYDROSEEDING IS A BROADCAST SEEDING METHOD USUALLY INVOLVING A TRUCK OR TRAILER MOUNTED TANK, WITH AN AGITATION SYSTEM AND HYDRAULIC PUMP FOR MIXING SEED, WATER, AND FERTILIZER. THE MIX ONTO THE PREPARED SEEDBED. MULCH SHALL NOT BE INCLUDED IN THE TANK WITH A SHORT FIBERED MULCH MAY BE APPLIED WITH A HYDROSEEDER FOLLOWING SEEDING. (ALSO SEE SECTION V MULCHING) HYDROSEEDING IS NOT A PREFERRED SEEDING METHOD BECAUSE SEED AND FERTILIZER ARE APPLIED TO THE SURFACE AND NOT INCORPORATED INTO THE SOIL. POOR SEED TO SOIL CONTACT OCCURS, REDUCING SEED GERMINATION AND GROWTH. HYDROSEEDING MAY BE USED FOR AREAS TOO STEEP FOR CONVENTIONAL EQUIPMENT TO TRAVERSE OR TOO OBSTRUCTED WITH ROCKS, STUMPS, ETC.  
C. AFTER SEEDING, FIRING THE SOIL WITH A CORRUPTED ROLLER WILL ASSURE GOOD SEED-TO-SOIL CONTACT, RESTORE CAPILLARITY, AND IMPROVE SEEDLING EMERGENCE. THIS IS THE PREFERRED METHOD. WHEN PERFORMED ON THE CONTOUR, SHEET EROSION WILL BE MINIMIZED AND WATER CONSERVATION ON SITE WILL BE MAXIMIZED.

- MULCHING  
MULCHING IS REQUIRED ON ALL SEEDING. MULCH WILL INSURE AGAINST EROSION BEFORE GRASS IS ESTABLISHED AND WILL PROMOTE FASTER AND EARLIER ESTABLISHMENT. THE EXISTENCE OF VEGETATION SUFFICIENT TO CONTROL SOIL EROSION SHALL BE DEEMED COMPLIANCE WITH THIS MULCHING REQUIREMENT.

- STRAW OR HAY. UNROTTED SMALL GRAIN STRAW, HAY FREE OF SEEDS, APPLIED AT THE RATE OF 1-1/2 TO 2 TONS PER ACRE (70 TO 90 POUNDS PER 1,000 SQUARE FEET), EXCEPT THAT WHERE A CRUMPER IS USED INSTEAD OF A LIQUID MULCH-BINDER (TACKIFYING OR ADHESIVE AGENT), THE RATE OF APPLICATION IS 3 TONS PER ACRE. MULCH CHOPPER-BLOWERS MUST NOT GRIND THE MULCH. HAY MULCH IS NOT RECOMMENDED FOR ESTABLISHING FINE TURF OR LAWNS DUE TO THE PRESENCE OF WEED SEED.

APPLICATION. SPREAD MULCH UNIFORMLY BY HAND OR MECHANICALLY SO THAT APPROXIMATELY 95% OF THE SOIL SURFACE WILL BE COVERED. FOR UNIFORM DISTRIBUTION OF HAND-SPREAD MULCH, DIVIDE AREA INTO APPROXIMATELY 1,000 SQUARE FEET SECTIONS AND DISTRIBUTE 70 TO 90 POUNDS WITHIN EACH SECTION.

ANCHORING SHALL BE ACCOMPLISHED IMMEDIATELY AFTER PLACEMENT TO MINIMIZE LOSS BY WIND OR WATER. THIS MAY BE DONE BY ONE OF THE FOLLOWING METHODS IN ACCORDANCE WITH THE STATE STANDARDS, DEPENDING UPON THE SIZE OF THE AREA, STEEPNESS OF SLOPES, AND COST.

- PEG AND TWINE  
2. MULCH NETTINGS  
3. CRUMPER MULCH ANCHORING COULTER TOOL  
4. LIQUID MULCH-BINDERS

- WOOD-FIBER OR PAPER-FIBER MULCH. SHALL BE MADE FROM WOOD, PLANT FIBERS OR PAPER CONTAINING NO GROWTH OR GERMINATION INHIBITING MATERIALS, USED AT THE RATE OF 1,500 POUNDS PER ACRE (OR AS RECOMMENDED BY THE PROJECT MANUFACTURER) AND MAY BE APPLIED BY A HYDROSEEDER. THIS MULCH SHALL NOT BE MIXED IN THE TANK WITH SEED. USE IS LIMITED TO FLATTER SLOPES AND DURING OPTIMUM SEEDING PERIODS IN SPRING AND FALL.

- PELLETIZED MULCH. COMPRESSED AND EXTRUDED PAPER AND/OR WOOD FIBER PRODUCT, WHICH MAY CONTAIN CO-POLYMERS, TACKIFIERS, FERTILIZERS AND COLORING AGENTS. THE DRY PELLETS, WHEN APPLIED TO A SEEDBED AREA AND WATERED, FORM A MULCH MAT. PELLETIZED MULCH SHALL BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. MULCH MAY BE APPLIED BY HAND OR MECHANICAL SPREADER AT THE RATE OF 60-75 LBS./1,000 SQUARE FEET AND ACTIVATED WITH 0.2 TO 0.4 INCHES OF WATER. THIS MATERIAL HAS BEEN FOUND TO BE BENEFICIAL FOR USE ON SMALL LAWN OR RENOVATION AREAS, SEEDBED AREAS WHERE WEED-SEED FREE MULCH IS DESIRED OR ON SITES WHERE STRAW MULCH AND TACKIFIER AGENT ARE NOT PRACTICAL OR DESIRABLE.

APPLYING THE FULL 0.2 TO 0.4 INCHES OF WATER AFTER SPREADING PELLETIZED MULCH ON THE SEED BED IS EXTREMELY IMPORTANT FOR SUFFICIENT ACTIVATION AND EXPANSION OF THE MULCH TO PROVIDE SOIL COVERAGE.

**LIMIT OF DISTURBANCE = 4,820 SF. ( 0.11 AC.)**

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

**SEE SHEET 9 OF 11 FOR SOIL EROSION DETAILS**

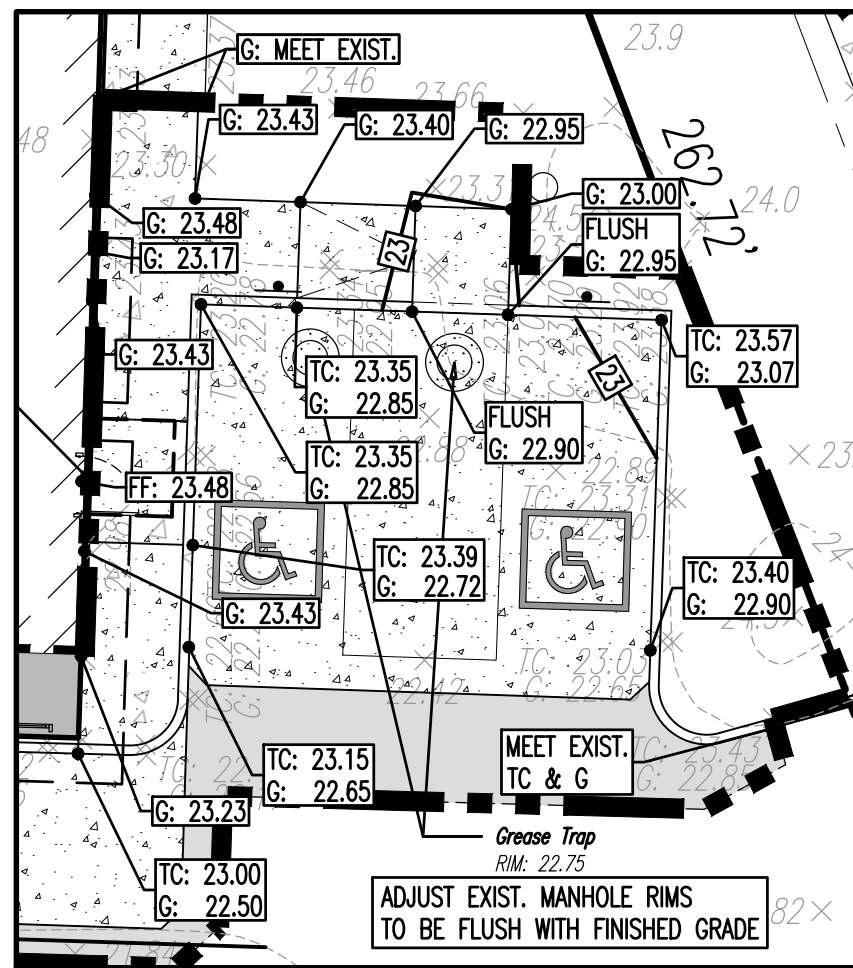
#### SEQUENCE OF CONSTRUCTION

- PHASE 1: INSTALL SOIL EROSION AND SEDIMENT CONTROL MEASURES. (2 DAYS)
- PHASE 2: EXCAVATE AND INSTALL ON-SITE IMPROVEMENTS INCLUDING BUILDING ADDITION, CURBS, AND DRIVE-THRU FACILITIES. (3 WEEKS)
- PHASE 3: FINAL GRADING ON SITE. (2 DAYS)
- PHASE 4: INSTALL PAVING, CONCRETE, AND FINAL VEGETATION INCLUDING SEEDING AND LANDSCAPING. (1 WEEK)
- PHASE 5: REMOVE SOIL EROSION AND SEDIMENT CONTROL MEASURES. (1 DAY)

#### BERGEN COUNTY SOIL CONSERVATION DISTRICT

#### SOIL EROSION AND 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 JUST 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 COMINATION WITH STRAW MULCH OR A SUITABLE 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 11LBS. /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 PREGRASS 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 HAYBALE 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.
- MAXIMUM SEE 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 BASIN 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 KINDERMARK ROAD, SUITE 106, ORADELL, NJ 07046; 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 SCHEDULED 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.
- STANDARD FOR STABILIZATION WITH MULCH ONLY:
  - NON-GROWING SEASON STABILIZATION OF EXPOSED AREAS WHERE THE ESTABLISHMENT OF VEGETATION IS PLANNED AS THE FINAL CONTROL MEASURE.
  - 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 ANCHORED WITH A MULCH ANCHORING TOOL, LIQUID MULCH BINDERS, OR NETTING TIE DOWN. OTHER SUITABLE MATERIALS MAY BE USED IF APPROVED BY THE SOIL CONSERVATION DISTRICT.
  - SYNTHETIC OR ORGANIC SOIL STABILIZERS MAY BE USED UNDER SUITABLE CONDITIONS AND IN QUANTITIES AS RECOMMENDED BY THE MANUFACTURER.
  - 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.
  - WOODCHIPS APPLIED UNIFORMLY 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.
  - GRAVEL, CRUSHED STONE, OR SLAG AT THE RATE OF 9 CUBIC YARDS PER 1,000 SQ. FT. APPLIED UNIFORMLY TO A MINIMUM DEPTH OF 3 INCHES MAY BE USED. SIZE 2 OR 3 (ASTM C-33) IS RECOMMENDED.
  - MULCH ANCHORING SHOULD BE ACCOMPLISHED IMMEDIATELY AFTER PLACEMENT OF HAY OR STRAW MULCH TO MINIMIZE LOSS BY WIND OR WATER. THIS MAY BE DONE BY ONE OF THE FOLLOWING METHODS IN ACCORDANCE WITH THE STATE STANDARDS, DEPENDING UPON THE SIZE OF THE AREA AND STEEPNESS OF SLOPES:
    - PEG AND TWINE
    - MULCH NETTINGS
    - CRUMPER MULCH ANCHORING COULTER TOOL



#### ADA INSET

SCALE: 1" = 10'

**EXIST. PAVEMENT TO BE UTILIZED AS CONSTRUCTION ENTRANCE**

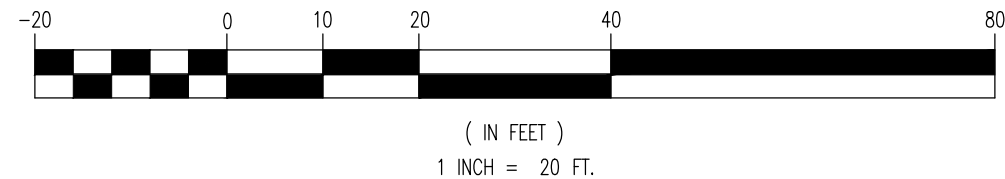
**LIMIT OF DISTURBANCE**

**ADA INSET**

#### EROSION CONTROL LEGEND

- PROP. LIMIT OF DISTURBANCE LINE
- PROP. SILT FENCE LINE
- PROP. INLET FILTER
- PROP. HAYBALE SEDIMENT BARRIER

#### GRAPHIC SCALE



**DYNAMIC**  
ENGINEERING • SURVEY • TRAFFIC

THIS PLAN SET IS FOR PERMITTING PURPOSES ONLY AND MAY NOT BE USED FOR CONSTRUCTION	DESIGNED BY: JRR	CHECKED BY: JRR	DATE: 03/26/2021
PROJECT: CARROLLS RESTAURANT GROUP PROPOSED RESTAURANT REMODEL BLOCK 914, LOT 1 876 RIVER ROAD (CR 41) BOROUGH OF NEW MILFORD, BERGEN COUNTY, NEW JERSEY	ISSUED BY: JRR	DATE: 03/26/2021	REV. #1

**ROBERT J. COLUCCO III**  
PROFESSIONAL ENGINEER  
NEW JERSEY LICENSE NO. 55851

**JOSEPH C. SPARONE**  
PROFESSIONAL ENGINEER  
NEW JERSEY LICENSE NO. 47204

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

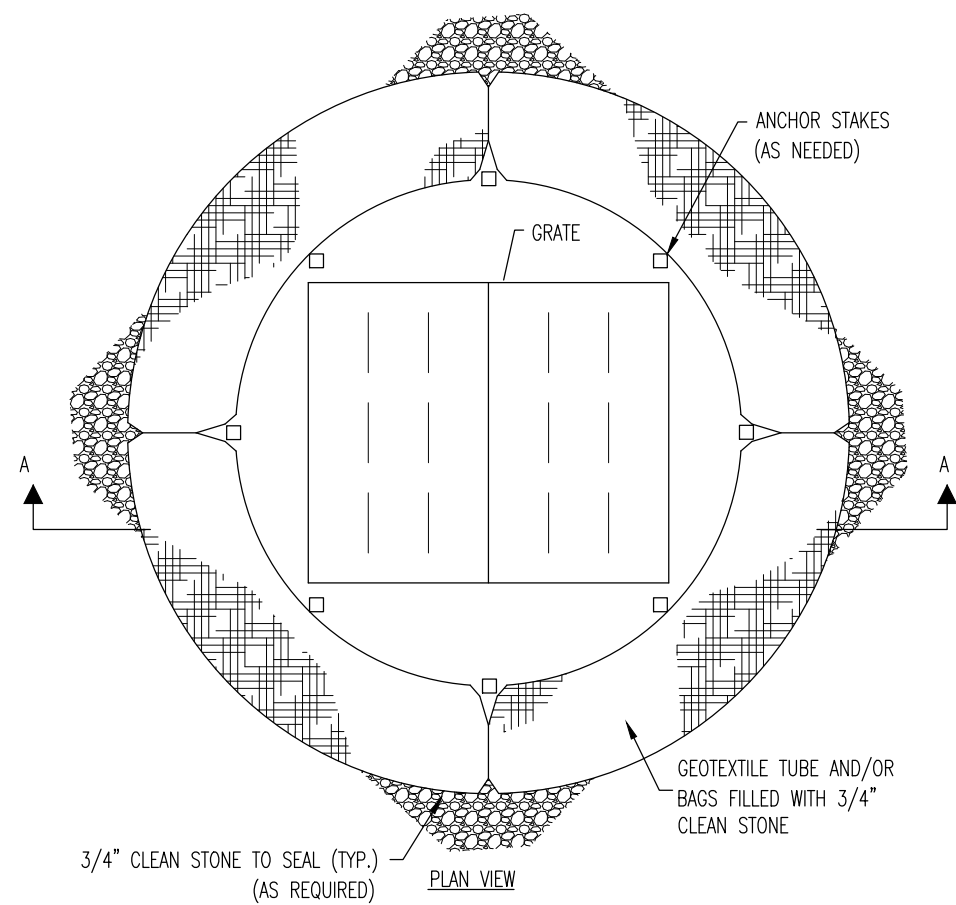
SCALE: (H) 1" = 20'  
(V) 1" = 20'

DATE: 03/26/2021

PROJECT NO: 2766-99-005

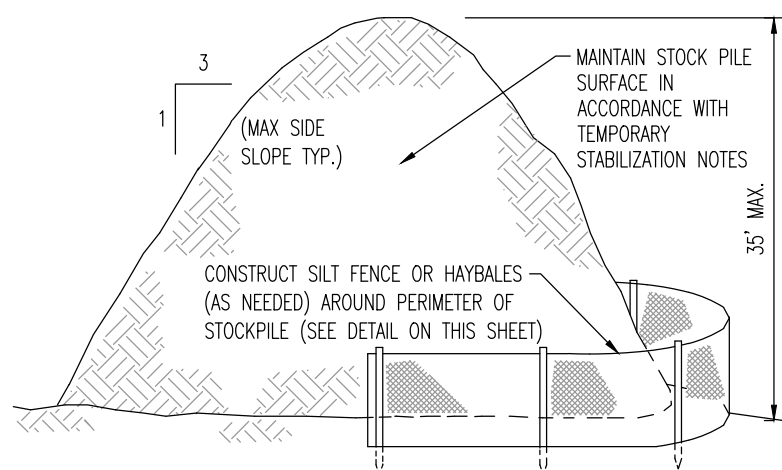
SHEET NO: 8 OF 11





1. GEOTEKITE TO BE WOVEN POLYPROPYLENE PRODUCT 1177, BY SYNTHETIC INDUSTRIES INC. OR TERRETEK SC, BY METEC INC., OR APPROVED EQUAL.
2. 3/4" CLEAN STONE CORE SHALL BE COMPLETELY CONTAINED WITHIN GEOTEKITE. SEAMS SHALL BE SEWN OR SOWN TO SUITABLE MECHANICAL MEANS TO PREVENT SEPARATION.
3. ANCHOR STAYS OF WOOD OR METAL SHALL BE INSTALLED WHERE REQUIRED BY FIELD CONDITIONS TO PREVENT MOVEMENT OF BARRIERS.
4. BARRIER SHALL COMPLETELY EXPOSE THE BRAIN LINER.
5. GRADE (DRAINAGE) IS TO BE KEPT CLEAR OF OBSTRUCTIONS AT ALL TIMES.
6. THE PROTECTION DEVICE WILL BE DESIGNED TO CAPTURE OR FILTER RUNOFF FROM THE 1 YEAR, 24 HOUR STORM EVENT AND SHALL SAFELY CONVEY HIGHER FLOWS DIRECTED INTO THE STORM SEWER SYSTEM. WHERE SLOPE REQUIRES, AN EARTHEN BARRER SHALL BE INSTALLED TO DIRECT STORM FLOW INTO THE STORM SEWER.
7. OTHER METHODS THAT ACCOMPLISH THE PURPOSE OF STORM SEWER INLET PROTECTION MAY BE USED IF APPROVED BY THE SOIL CONSERVATION DISTRICT.
8. THE PROTECTION DEVICE SHALL BE MAINTAINED AND THE PROTECTION SHALL BE MADE PERMANENT AS NEEEDED. THE BARRER SHALL BE REMOVED WHEN THE AREA DRAINING TOWARDS THE INLET HAS BEEN STABILIZED.

NOT TO SCALE



1. GEOTEXTILE TO BE WOVEN POLYPROPYLENE PRODUCT 117, BY SYNTHETIC INDUSTRIES INC., OR TERATEX SC, BY NERAC INC., OR APPROVED EQUIV.

2. 3/4" CLEAN STORM SEAM SHALL BE COMPLETELY CONTAINED WITHIN GEOTEXTILE. SEAMS SHALL BE SEWN OR CAPPED BY SUITABLE MECHANISM, MEANS TO PREVENT LEAKAGE OF STORM WATER AND CURB IS PRESENT, BARBERS SHALL COMPLETELY ENCLOSE THE DRAIN INLET.

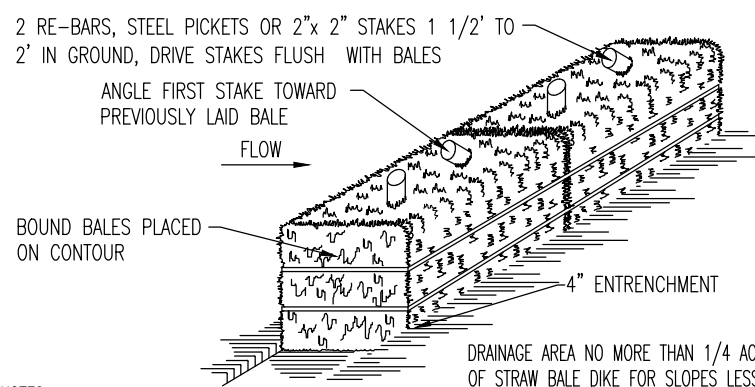
3. INLET GRAFT OPENING IS TO BE KEPT CLEAR OF OBSTRUCTIONS AT ALL TIMES.

4. THE PROTECTION DEVICE WILL BE DESIGNED TO CAPTURE OR FILTER RUNOFF FROM THE 1 YEAR, 24 HOUR STORM EVENT AND SHALL SAFELY CONVEY HIGHER FLOWS DIRECTLY INTO THE STORM SEWER SYSTEM.

5. THE PROTECTION DEVICE IS NOT TO BE USED FOR THE PURPOSE OF STORM SEWER INLET PROTECTION MAY BE USED IF APPROVED BY THE SOIL CONSERVATION SERVICE.

6. INSPECTIONS SHALL BE FREQUENT. MAINTENANCE, REPAIR, AND REPLACEMENT SHALL BE MADE PROMPTLY, AS NEEDED. THE BARBER SHALL BE REMOVED WHEN THE AREA DRAINING TOWARDS THE INLET HAS BEEN STABILIZED.

NOT TO SCALE



1. PLACE SLOPE LIFT AT LOCATIONS AS SHOWN ON THE SOIL EROSION AND SEDIMENT CONTROL PLAN.
2. THE SLOPE OF THE LAND FOR AT LEAST 30 FEET ADJACENT TO ANY SILT FENCE SHALL NOT EXCEED 5 PERCENT
3. THE SLOPE SHALL BE INSTALLED SO WATER CANNOT RUN OVER THE TOP OF THE FENCE.
4. INSPECTION SHALL BE FREQUENT AND REPAIR OR REPLACEMENT SHALL BE MADE AS PROMPTLY AS POSSIBLE.
5. SILT FENCE SHALL REMAIN IN PLACE FOR THE DURATION OF THE PROJECT UNLESS OTHERWISE INSTRUCTED BY THE TOWNSHIP ENGINEER OR SOIL CONSERVATION DISTRICT.
6. THE BARBER SHALL BE REMOVED WHEN THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED SO AS NOT TO BLOCK OR IMPERE STORM FLOW.
7. EACH SLOPE SHALL BE SPACED 8 FEET CENTER-TO-CENTER OR CLOSER; THEY SHALL EXHAUST AT LEAST 2 FEET INTO WETTER GROUND AND EXHAUST AT LEAST 2 FEET BENEATH GROUND. POSTS SHALL BE CONSTRUCTED OF HARDWOOD A MIN. DIAMETER THIRTYFOUR (3/4) INCHES.
8. A NEW FENCE SHALL BE PLACED WITHIN TWO FEET OF AN EXISTING FENCE IF THE EXISTING FENCE PROTECTS THE SAME.
9. THE FENCE SHALL BE SET BACK FROM THE GEODETIC LINE BY AT LEAST 10 FEET. THE FENCE SHALL BE LIMITED AND SEGMENTED LOADING IS EXPECTED.

FABRIC SHALL BE RECOMMENDED FOR SUCH USE BY THE MANUFACTURER. FABRIC SHALL BE BURIED AT LEAST 6 INCHES DEEP IN THE GROUND. THE FABRIC SHALL EXHAUST AT LEAST 2 FEET ABOVE GROUND. FABRIC MUST BE SECURELY FASTENED TO THE POSTS USING A SYSTEM CONSISTING OF METAL FASTENERS (NAILS OR STAPLES) AND HIGH STRENGTH REINFORCEMENT MATERIAL (WELDED WIRE, CHAINS, WASHERS ETC.) PLACED UNDER THE FABRIC. THE FABRIC SHALL BE KEPT CLEAN AND FREE OF WEAVING MATTER. THE TIEING ARMY TO THE POST. THE FABRIC SHALL INCORPORATE A DRAWSTRING IN THE TOP PORTION OF THE FENCE FOR ADJUSTMENT.

NOT TO SCALE

NOT TO SCALE

2 RE-BARS, STEEL PICKETS OR 2"x2" STAKES 1 1/2' TO 2' IN GROUND, DRIVE STAKES FLUSH WITH BALES

ANGLE FIRST STAKE TOWARD PREVIOUSLY LAID BALE

FLOW →

BOUND BALES PLACED ON CONTOUR

ENTRENCHMENT

DRAINAGE AREA NO MORE THAN 1/4 AC. PER 100 FEET OF STRAW BALE ROW FOR SLOPES LESS THAN 25%

1. BALES SHALL BE PLACED AT THE TOP OF A SLOPE OR ON THE CONTOUR AND IN A ROW WITH ENDS TIGHTLY ADJUTING THE ADJACENT BALES.
2. EACH BALE SHALL BE PLACED SO THE BINDINGS ARE HORIZONTAL.
3. BALES SHALL BE SECURELY ANCHORED IN PLACE BY EITHER TWO STAKES OR RE-BARS DRIVEN THROUGH THE BALE. THE FIRST STAKE IN EACH BALE SHALL BE DRIVEN TOWARD THE PREVIOUSLY Laid BALE AT AN ANGLE TO FORCE THE BALES TOGETHER.
4. INSPECTION SHALL BE FREQUENT AND REPAIR/REPLACEMENT SHALL BE PROMPTLY AS NEEDED.
5. BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPED STORM FLOW OR DRAINAGE.

NOT TO SCALE

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

DESIGNED BY:	CHECKED BY:	CHECKED BY:
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PROJECT: **CARROLS RESTAURANT GROUP**

**PROPOSED RESTAURANT REMODEL**  
BLOCK 914, LOT 1  
676 RIVER ROAD (CR 41)  
BOROUGH OF NEW MILFORD, BERGEN COUNTY, NEW JERSEY

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JOSEPH C. SPARONE

PROFESSIONAL ENGINEER  
NEW JERSEY LICENSE No. 47204

TITLE: SOIL EROSION &  
SEDIMENT CONTROL  
PLAN DETAILS

SCALE: (H) AS (V) SHOWN	DATE: 03/26/2021
PROJECT No: 2766-99-005	

SHEET No: 9







