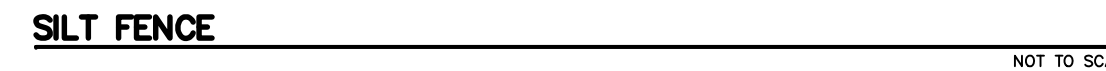


STABILIZED CONSTRUCTION ACCESS



DUST CONTROL NOTES

CONDITION WHERE PRACTICE APPLIES

THIS PRACTICE IS APPLICABLE TO AREAS SUBJECT TO DUST BLOWING AND MOVEMENT WHERE ON-SITE AND OFF-SITE DAMAGE IS LIKELY WITHOUT TREATMENT. CONSULT WITH THE LOCAL MUNICIPAL ORDINANCES ON ANY RESTRICTIONS.

PLANNING CRITERIA

THE FOLLOWING METHODS SHOULD BE CONSIDERED FOR CONTROLLING DUST:

MULCHES - SEE STANDARD FOR STABILIZATION WITH MULCHES ONLY (PG. 5-1)

VEGETATIVE COVER - SEE STANDARD FOR TEMPORARY VEGETATIVE COVER (PG. 7-1), PERMANENT VEGETATIVE COVER FOR SOIL STABILIZATION (PG. 4-1), AND PERMANENT STABILIZATION WITH SOD (PG. 6-1)

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

TABLE 16-1: DUST CONTROL MATERIALS

| MATERIAL | WATER DILUTION | TYPE OF NOZZLE | APPLY GALLONS/ACRE |
|--|--|----------------|--------------------|
| ANIONIC ASPHALT EMULSION | 7:1 | COARSE SPRAY | 1200 |
| LATEX EMULSION | 12.5:1 | FINE SPRAY | 235 |
| RESIN IN WATER | 4:1 | FINE SPRAY | 300 |
| POLYACRYLAMIDE - SPRAY ON POLYACRYLAMIDE - DRY SPREAD | APPLY ACCORDING TO MANUFACTURER'S INSTRUCTIONS. MAY ALSO BE USED AS AN ADHESIVE TO SEAMANT BARS TO FLOCCULATE AND PRECIPITATE SUSPENDED COLLOIDS. SEE PG 26-1. | | |
| ACIDULATED SOY BEAN SOAP STICK | NONE | COARSE SPRAY | 1200 |

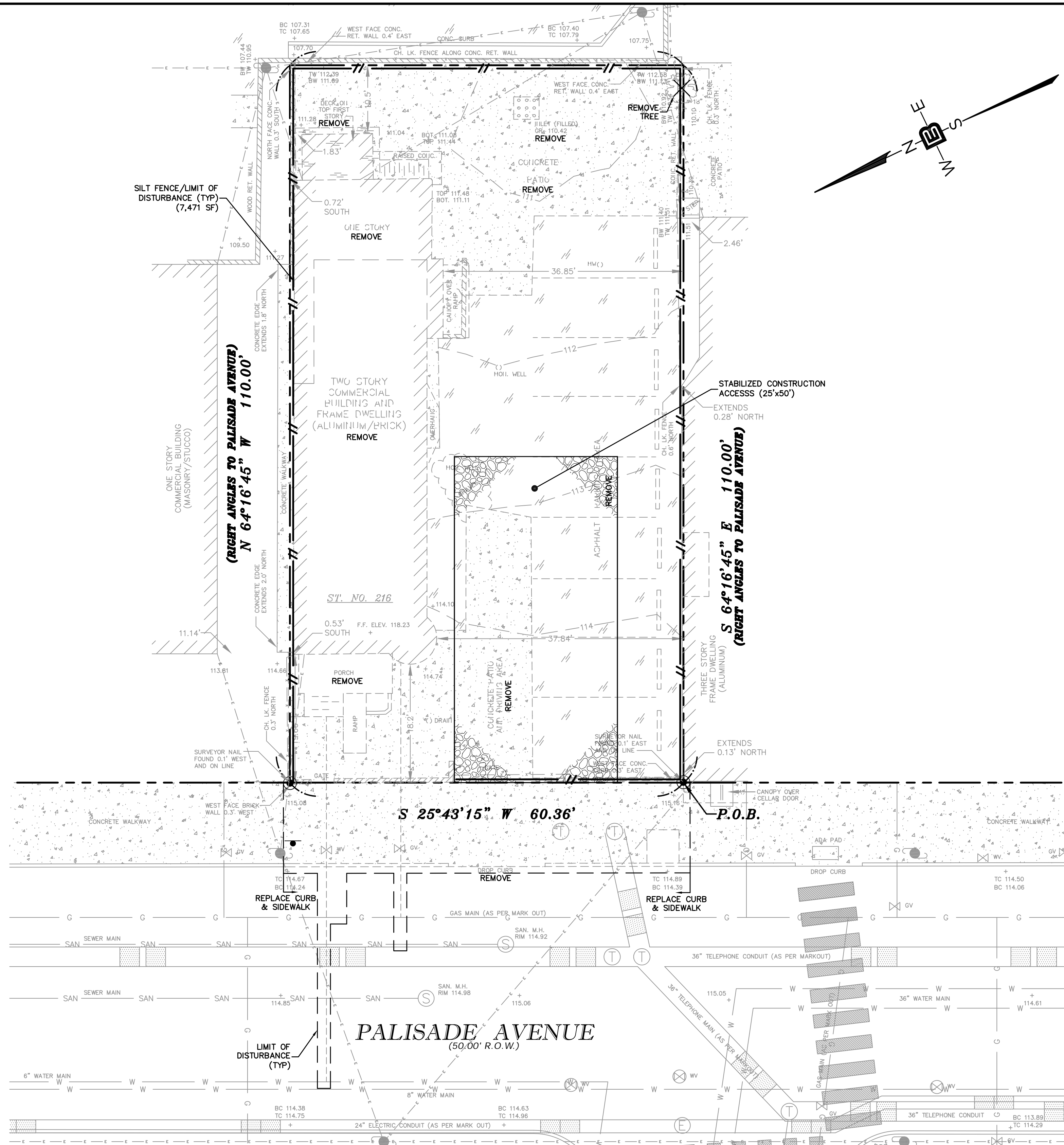
TILLAGE - TO ROUGHEN SURFACE AND BRING CLODS TO THE SURFACE. THIS IS A TEMPORARY EMERGENCY MEASURE WHICH SHOULD BE USED BEFORE SOIL BLOWING STARTS. BEGIN PLOWING ON WINDWARD SIDE OF SITE. CHISEL-TYPE PLOWS SPACED ABOUT 12 INCHES APART, AND SPRING-TOOTHED HARROWS ARE EXAMPLES OF EQUIPMENT WHICH MAY PRODUCE 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 OF FLAKES FINE ENOUGH TO FEED THROUGH COMMONLY USED SPREADERS AT A RATE THAT WILL KEEP SURFACE MOIST BUT NOT CAUSE POLLUTION OR PLANT DAMAGE. IF USED ON STEEPER SLOPES, THEN USE OTHER PRACTICES TO PREVENT WASHING INTO STREAMS, OR ACCUMULATION AROUND PLANTS.

STONE - COVER SURFACE WITH CRUSHED STONE OR COARSE GRAVEL.



**HUDSON-ESSEX-PASSAIC COUNTIES
SOIL EROSION AND SEDIMENT CONTROL NOTES**

1. ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES ON THIS PLAN WILL BE CONSTRUCTED IN ACCORDANCE WITH THE "NEW JERSEY STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL," 7TH EDITION, (LAST REVISED DECEMBER 2017). THESE MEASURES WILL BE APPLIED TO ANY EROSION OR SEDIMENT DISTURBANCE IN THEIR PROPER SEQUENCE AND MAINTAINED UNTIL PERMANENT PROTECTION IS ESTABLISHED.
2. ALL SOIL TO BE EXPOSED OR STOCKPILED FOR A PERIOD OF GREATER THAN 14 DAYS, AND NOT UNDER ACTIVE CONSTRUCTION, WILL BE TEMPORARILY SEEDED AND HAY MULCHED OR OTHERWISE PROVIDED WITH VEGETATIVE COVER. THIS TEMPORARY COVER SHALL BE MAINTAINED UNTIL SUCH TIME WHEREBY PERMANENT RESTABILIZATION IS ESTABLISHED.
3. SEEDING DATES: THE FOLLOWING SEEDING DATES ARE BEST RECOMMENDED TO ESTABLISH PERMANENT VEGETATIVE COVER WITHIN MOST LOCATIONS IN THE HEPSCD:
SPRING – MARCH 1 – MAY 15
FALL – AUGUST 15 – OCTOBER 1
4. SEDIMENT FENCES ARE TO BE PROPERLY TRENCHED AND MAINTAINED UNTIL PERMANENT VEGETATIVE COVER IS ESTABLISHED.
5. ALL STORM DRAINAGE INLETS SHALL BE PROTECTED BY ONE OF THE PRACTICES ACCEPTED IN THE STANDARDS, AND PROTECTION SHALL REMAIN UNTIL PERMANENT STABILIZATION HAS BEEN ESTABLISHED. STORM DRAINAGE OUTLET PUNTS SHALL BE PROTECTED AS REQUIRED BEFORE THEY BECOME FUNCTIONAL.
6. MULCH MATERIALS SHALL BE UN-ROOTED SMALL GRAIN STRAW APPLIED AT THE RATE OF 7.0 TONS PER ACRE TO ANY EROSION (0.5-2.0 TONS/ACRE) AND ANCHORED WITH A FIBER MULCH ANCHORING TOWEL, LIQUID MULCH BINDERS, OR NETTING DOWN. OTHER SUITABLE MATERIALS MAY BE USED IF APPROVED BY THE SOIL CONSERVATION DISTRICT.
7. ALL EROSION CONTROL DEVICES SHALL BE PERIODICALLY INSPECTED, MAINTAINED AND CORRECTED BY THE CONTRACTOR. ANY DAMAGE INCURRED BY EROSION SHALL BE REPAIRED IMMEDIATELY.
8. THE HUDSON-ESSEX-PASSAIC SOIL CONSERVATION DISTRICT WILL BE NOTIFIED IN WRITING AT LEAST 48 HOURS PRIOR TO ANY SOIL DISTURBING ACTIVITIES. FAX – (862) 333-4507 EMAIL – INFORMATION@HEPSCD.ORG
9. THE APPLICANT MUST OBTAIN A DISTRICT ISSUED REPORT OF COMPLIANCE PRIOR TO APPLYING FOR THE CERTIFICATE OF OCCUPANCY OR TEMPORARY CERTIFICATE OF OCCUPANCY. FOR ALL DISTRICTS, RESPECTIVE TO THE DISTRICTS OF OTHER CONTROLLING AGENCY, CONTACT THE DISTRICT AT 862-333-4505 TO REQUEST A FINAL INSPECTION, GIVING ADVANCED NOTICE UPON COMPLETION OF THE RESTABILIZATION MEASURES. A PERFORMANCE DEPOSIT MAY BE POSTED WITH THE DISTRICT WHEN WINTER WEATHER OR SNOW COVER PROHIBITS THE PROPER APPLICATION OF SEED, MULCH, FERTILIZER OR HYDRO-SEED.
10. PAVED ROADWAYS MUST BE KEPT CLEAN AT ALL TIMES. DO NOT UTILIZE A FIRE OR GARDEN HOSE TO CLEAN ROADS UNLESS THE RUNOFF IS DIRECTED TO A PROPERLY DRAINAGE AND CONFINED TO THE SEDIMENT BASIN. SEDIMENT FROM OTHER UNPAVED AREAS CONTAINS SEDIMENTS THAT MUST BE REMOVED PRIOR TO DISCHARGING TO RECEIVING BODIES OF WATER USING THE REMOVABLE PUMPING STATIONS, SUMP PITS, PORTABLE SEDIMENTATION TANKS AND/OR SILT CONTROL BAGS.
11. ALL SURFACES HAVING LAWN OR LANDSCAPING AS FINAL COVER ARE TO BE PROVIDED TOPSOIL TO RE-SEEDING, SODDING OR PLANTING. A DEPTH OF 5 INCHES (UNSETTLED) IS REQUIRED AS PER THE STANDARDS FOR TOPSOILING AND LAND GRADING, LAST REVISED DECEMBER 2017.
12. ALL PLAN REVISIONS MUST BE SUBMITTED TO THE DISTRICT FOR PROPER REVIEW AND APPROVAL.
13. A CRUSHED STONE WHEEL CLEANING TRACKING-PAD IS TO BE INSTALLED AT ALL SITE EXITS USING 2 1/2-1" CRUSHED ANGRULAR STONE (ASTM 2 OR 3) TO A MINIMUM LENGTH OF AT LEAST 50 FEET TO A MINIMUM DEPTH OF 6". ALL DRIVEWAYS MUST BE PROVIDED WITH CRUSHED STONE TO A MINIMUM DEPTH IS COMPLETE.
14. STEEP SLOPES INCURRING DISTURBANCE MAY REQUIRE ADDITIONAL STABILIZATION MEASURES. THESE "SPECIAL" MEASURES SHALL BE DESIGNED BY THE APPLICANT'S ENGINEER AND BE APPROVED BY THE SOIL CONSERVATION DISTRICT.
15. THE HUDSON-ESSEX-PASSAIC SOIL CONSERVATION DISTRICT SHALL BE NOTIFIED, IN WRITING, FOR THE SALE OF ANY PORTION OF THE PROJECT OR FOR THE SALE OF INDIVIDUAL LOTS. NEW OWNERS' INFORMATION SHALL BE PROVIDED. ADDITIONAL MEASURES NECESSARY TO PROTECT DISTRICT OFFICIALS SHALL BE IMPLEMENTED AS CONDITIONS WARRANT.

SOIL RESTORATION NOTE

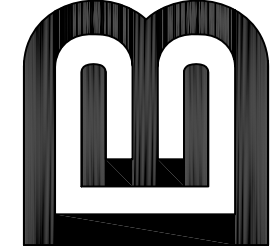
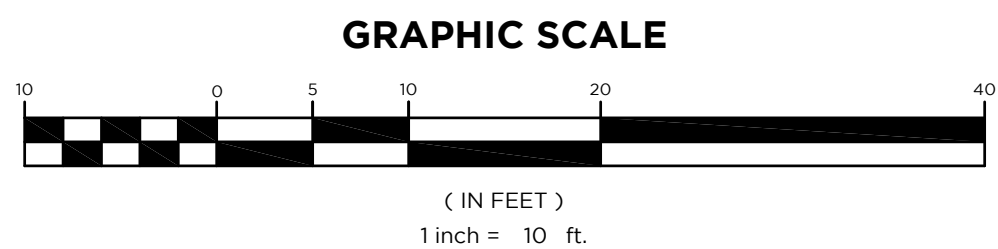
1. AS PER SECTION 19 OF THE "NEW JERSEY STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL" 7TH EDITION, (LAST REVISED DECEMBER 2017), THIS PROJECT IS EXEMPT FROM SOIL RESTORATION SINCE THE SITE IS PREVIOUSLY DEVELOPED, CONTAINS LESS THAN 500 SF OF CONTIGUOUS LANDSCAPE AREA AND IS LOCATED WITHIN THE METROPOLITAN PLANNING AREA.

PRE CONSTRUCTION NOTES:

1. UTILITY LOCATIONS SHOWN ON PLANS ARE FOR REFERENCE ONLY AND MUST BE VERIFIED IN FIELD PRIOR TO CONSTRUCTION. ON SITE UTILITIES LOCATIONS ARE BASED ON FIELD OBSERVATION AND RECORD DRAWINGS. ACTUAL CONDITIONS MAY VARY.
2. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL:
 - A) THOROUGHLY FAMILIARIZE HIMSELF WITH THE SITE CONDITIONS;
 - B) REVIEW THE SURVEY & SITE PLANS FOR INCONSISTENCIES WITH ACTUAL CONDITIONS;
 - C) VERIFY FINISHED FLOOR ELEVATIONS OF EXIST. STRUCTURES TO REMAIN WITH RESPECT TO STREET ELEVATIONS SHOWN;
 - D) DETERMINE DEPTH & ELEVATION OF UTILITY CONNECTIONS.
 - E) CONFIRM SIZE & MATERIAL OF ALL PROPOSED & EXISTING WATER & SEWER UTILITIES.
3. STAKE OUT NEW BUILDING & VERIFY ITS LOCATION TO PROPERTY LINES WITH RESPECT TO DIMENSIONS SHOWN ON PLANS.
4. MARK LIMIT OF SOIL DISTURBANCE & TAG ALL TREES TO BE REMOVED FOR PROJECT.
5. REVIEW ALL LOCAL, COUNTY & STATE PERMIT REQUIREMENTS FOR THE PROJECT.
6. ALL DEMOLITION MATERIAL AND DEBRIS AND ALL ITEMS REMOVED FROM THE PROPERTY AND THE ADJACENT PUBLIC AREAS, SHALL BE DISPOSED OUTSIDE OF THE CITY LIMITS OF JERSEY CITY IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE CITY'S ENVIRONMENTAL MANAGEMENT DEPARTMENT AND IN ACCORDANCE WITH THE REGULATIONS AND LAWS OF THE NJDEP.

SEQUENCE OF CONSTRUCTION

- | | <u>TIME</u> |
|--|-------------|
| 1. INSTALL SILT FENCE. | 1-2 DAYS |
| 2. DEMOLISH EXISTING STRUCTURES. | 2 WEEKS |
| 3. INSTALL STABILIZED CONSTRUCTION ENTRANCE. | 1 DAY |
| 4. ROUGH GRADE SITE. | 2 WEEKS |
| 5. INSTALL BUILDING FOUNDATION. | 2-3 WEEKS |
| 6. INSTALL UNDERGROUND UTILITIES. | 3 WEEKS |
| 7. CONSTRUCT BUILDING. | 3 WEEKS |
| 8. INSTALL DRIVEWAYS, CONCRETE CURBS & SIDEWALKS. | 2 WEEKS |
| 9. FINISH GRADING OF THE SITE. | 1 WEEK |
| 10. INSTALL LANDSCAPING. | 1 WEEK |
| 11. REMOVE SOIL EROSION CONTROL DEVICES. | 1 DAY |
| 12. CONSTRUCTION TO LAST APPROXIMATELY 3-6 MONTHS. | |



CALISTO J. BERTIN, P.E.
PROFESSIONAL ENGINEER

| | |
|-------------------|-------------------|
| CT LIC. NO. 12950 | NJ LIC. NO. 28845 |
| MA LIC. NO. 40595 | NY LIC. NO. 60022 |
| NH LIC. NO. 9368 | RI LIC. NO. 6694 |

ERIC M. HOUGH, P.E.

PROFESSIONAL ENGINEER
NJ LIC. NO. 51893

[Signature]

[illegible]

DRAWING TITLE

DEMOLITION & SOIL EROSION CONTROL PLAN

PROJECT

PROPOSED MULTI-FAMILY DWELLING

BLOCK 6001, LOT 8
216 PALISADE AVENUE
CITY OF JERSEY CITY
COUNTY OF HUDSON,

CLIENT

214-216 PALISADE AVE LLC
222 DUNCAN AVENUE
JERSEY CITY, NJ 07606

CERTIFICATE OF AUTHORIZATION

24GA28068900 / 21MH00002

| | |
|----------|------------|
| DRAWN BY | CHECKED BY |
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| SCALE | PROJECT NO. |
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| 1"=10' | 20-21 |
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| | |
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| DATE | REVISION NO. |
| 10.26.22 | 1 |

| | |
|-------------|--|
| 10-20-22 | |
| DRAWING NO. | |

C1.1

PLANS AND ANY ADDITIONAL INFORMATION AS APPLICABLE MUST BE PRESENTED TO THE JCMUA FOR REVIEW AND COMMENTS FOR ALL PROPOSED SANITARY AND STORM SEWER CONNECTIONS TO THE JCMUA SEWER SYSTEM OR THAT ARE PROPOSED IN JERSEY CITY. REPAIRS TO EXISTING SERVICES DO NOT REQUIRE THE REVIEW AND APPROVAL OF THE JCMUA. ALL PLANS MUST BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER OR REGISTERED ARCHITECT LICENSED TO PRACTICE IN NEW JERSEY AND SUBMITTED TO THE JCMUA'S SEWER ENGINEERING OFFICE, 555 ROUTE 440, JERSEY CITY, NJ 07305 FOR APPROVAL.

1.) BEDDING AND BACKFILL MATERIAL SHALL COMPLY WITH THE REQUIREMENTS OF THE NJDOT'S STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION, AND THE DESIGN AND CONSTRUCTION OF URBAN STORMWATER MANAGEMENT SYSTEMS, ASCE MANUALS AND REPORTS OF ENGINEERING PRACTICE NO. 77, 1993, AS APPLICABLE.

- 11/3/05



- PROPOSED WATER DEMAND
(BASED ON N.J.A.C. 5:21-5.2, TABLE 5.1)
- | | | |
|-----------------------|---------------------------------|-----------|
| 6 - STUDIO UNITS: | 6 x 65 GPD = | 390 GPD |
| 43 - 1 BEDROOM UNITS: | 43 x 80 GPD = | 3,440 GPD |
| 2 - 3 BEDROOM UNITS: | 2 x 215 GPD = | 430 GPD |
| TOTAL: | 390 GPD + 3,440 GPD + 430 GPD = | 4,260 GPD |

C1.3

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