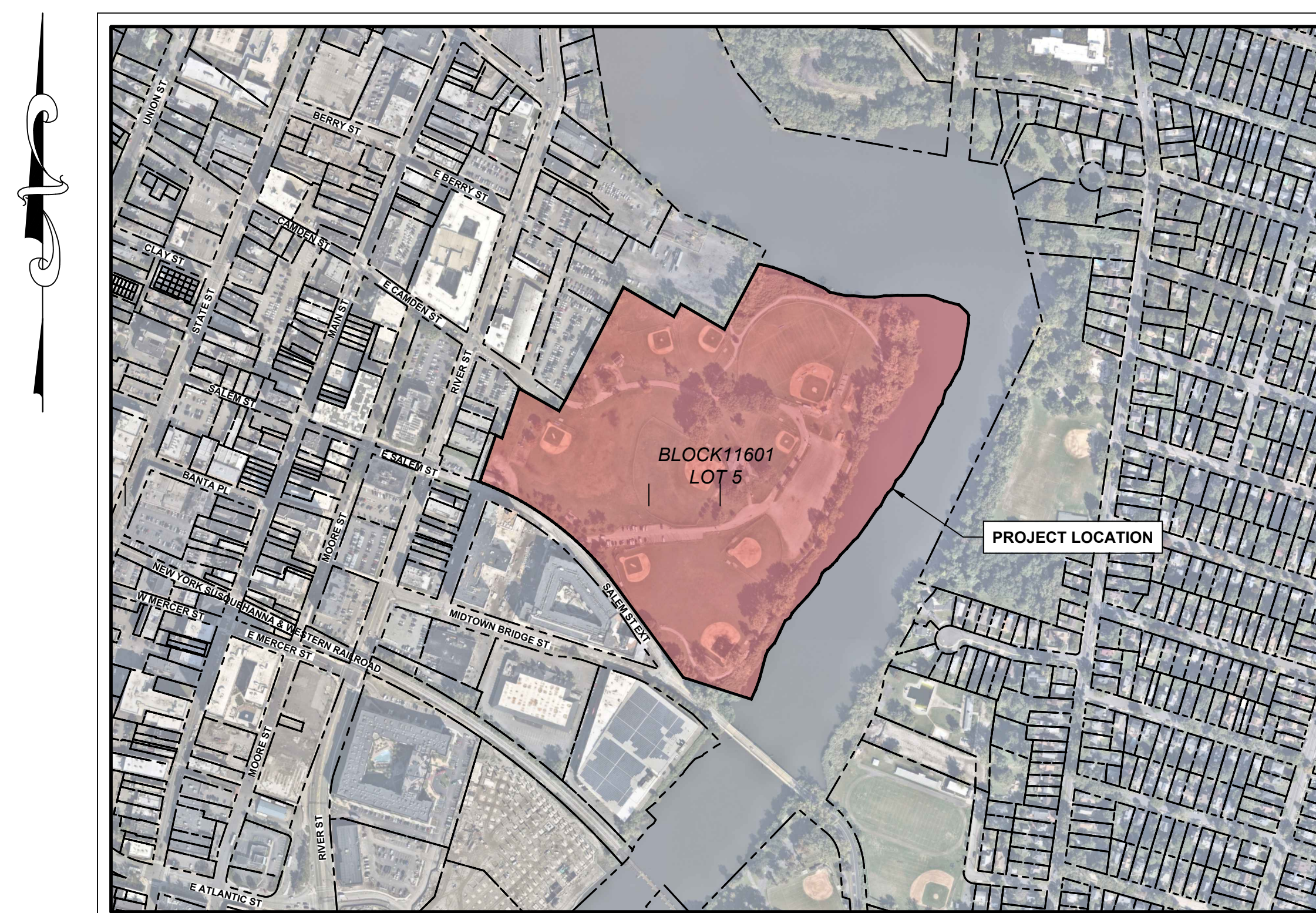




Sheet List Table			
SHEET #	DRAWING #	TITLE	REV.
1	G100	COVER SHEET	B
2	C100	EXISTING CONDITIONS PLAN	B
3	C102	DEMOLITION PLAN	B
4	C200	SITE LAYOUT PLAN	B
5	C300	SITE GRADING PLAN	B
6	C400	SITE DRAINAGE PLAN	B
7	C401	SITE UTILITY PLAN	B
8	C500	SOIL EROSION AND SEDIMENT CONTROL PLAN	B
9	C510	SOIL EROSION AND SEDIMENT CONTROL NOTES AND DETAILS	B
10	CD100	SITE CONSTRUCTION DETAILS I	B
11	CD101	SITE CONSTRUCTION DETAILS II	B
12	CD102	SITE CONSTRUCTION DETAILS III	B
13	CD103	SITE CONSTRUCTION DETAILS IV	B
14	CD104	SITE CONSTRUCTION DETAILS V	B
15	CD105	SITE CONSTRUCTION DETAILS VI	B
16	CD106	SITE CONSTRUCTION DETAILS VII	B
17	CD107	SITE CONSTRUCTION DETAILS VIII	B
18	CD108	SITE CONSTRUCTION DETAILS IX	B



**SOURCES:** - CURRENT TAX MAP OF THE CITY OF HACKENSACK, BERGEN COUNTY, NEW JERSEY, SHEET 16 DATED OCTOBER 2020  
- ©NEARMAP US, INC. <http://go.nearmap.com>

## KEY MAP



## LEGEND

--- LOT BOUNDARY

PUBLIC UTILITIES LIST	
TELEPHONE	VERIZON
GAS	PUBLIC SERVICE ELECTRIC AND GAS COMPANY
WATER	VEOLIA WATER NEW JERSEY
STORM	CITY OF HACKENSACK DEPARTMENT OF PUBLIC WORKS
SEWER	CITY OF HACKENSACK DEPARTMENT OF PUBLIC WORKS
ELECTRICITY	PUBLIC SERVICE ELECTRIC AND GAS COMPANY
CABLE	CABLEVISION

REVISED PER NJDEP COMMENTS	B	11/15/2023	JNP	RPC
REVISED PER NJDEP COMMENTS	A	08/18/2023	JNP	BMD
DESCRIPTION	NO.	DATE:	BY:	CHK:
REVISIONS				

**NOTE:**  
PRIOR TO ANY EXCAVATION, CONTRACTOR MUST HAVE ALL UTILITIES MARKED  
OUT BY THE APPROPRIATE UTILITY COMPANIES -> 1-800-272-1000 OR 811.



**CALL BEFORE YOU DIG - 811**

**ERIN B. ABLINE, PE**  
NJ PROFESSIONAL ENGINEER  
LICENSE NO. 24GE05524500

**DAREN J. PHIL, PE**  
NJ PROFESSIONAL ENGINEER  
LICENSE NO. 24GE03619100

**NJDEP PERMITTING PLANS FOR  
FOSCHINI PARK SPORTS FACILITY IMPROVEMENTS  
BLOCK 11601, LOT 5  
CITY OF HACKENSACK  
COUNTY OF BERGEN, STATE OF NEW JERSEY**



**SUBURBAN CONSULTING  
ENGINEERS, INC.**

COA NO.: 24GA280375  
31MJJ000043

- Civil Engineers - Municipal Engineers

- Landscape Architects -

101 2430 Highway 34 Bldg. A Suite 1B

96 US Highway 206, Suite 1

101 2430 Highway 34 Bldg. A Suite 1B

505 Main Street, Suite 314

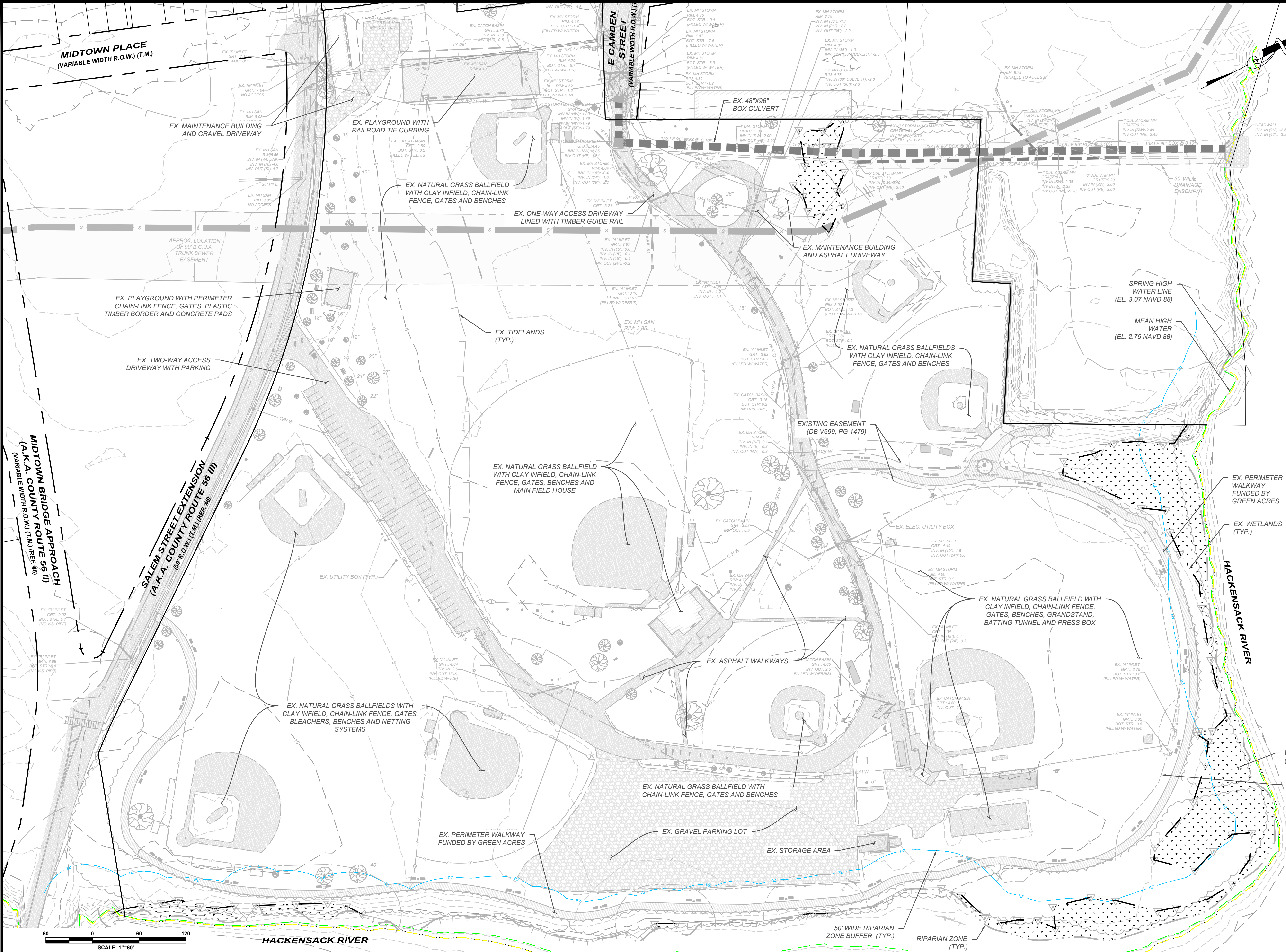
Flanders, NJ 07836 - 973.398.1776      Wall, NJ 08736 - 732.282.1776      Hackensack, NJ 07601 - 201.646.17

EXCELLENCE ♦ ECONOMY ♦ ENVIRONMENT

PROJECT NUMBER:SCE-RB7448-D05      DRAWING NUMBER:G100      SHEET NUMBER:1 OF 18      REV. B

DATE: 06/01/2023

DATE: 06/01/2023



- NOTES:**
- SUBJECT PROPERTY IS KNOWN AS LOT 5, BLOCK 11601 AS SHOWN ON THE TAX MAP OF THE CITY OF HACKENSACK, BERGEN COUNTY, NEW JERSEY SHEET NO. 16.
  - AREA = 1,342.77± SF OR 30.826± ACRES TOTAL.
  - LOCATION OF UNDERGROUND UTILITIES, IF DEPICTED, ARE APPROXIMATE. ALL LOCATIONS AND SIZES ARE BASED ON UTILITY MARK-OUTS AND ABOVE GROUND STRUCTURES THAT WERE VISIBLE AND ACCESSIBLE AT THE TIME OF THE SURVEY. THE LACK OF UTILITY INFORMATION DOES NOT DENY THE EXISTENCE OF SAME AND SUBURBAN CONSULTING ENGINEERS, INC. DOES NOT GUARANTEE THE UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA EITHER IN SERVICE OR ABANDONED. REFERENCE TO THE APPROPRIATE UTILITY AUTHORITY SHOULD BE MADE TO VERIFY THE PRESENCE OR ABSENCE OF UTILITIES.
  - HORIZONTAL DATUM BASED ON NAD-83, PER GPS SATELLITE OBSERVATION.
  - VERTICAL DATUM BASED ON NAVD-88, PER GPS SATELLITE OBSERVATION.
  - DATUM SHOWN HEREON PER GPS SATELLITE OBSERVATION AND SOLUTIONS PROVIDED REAL TIME BY KEYNET GPS, INC. WHICH UTILIZES TRIMBLE VIRTUAL REFERENCE SYSTEM CONTINUALLY OPERATING HIGH PRECISION GNSS REFERENCE STATIONS. DATUM PROVIDED IS NAD 83 / NAVD 88 NEW JERSEY STATE PLANE COORDINATE SYSTEM, ZONE 2900.
  - CONDITIONS DEPICTED HEREON PER ACTUAL FIELD INSTRUMENT SURVEY LAST PERFORMED FEBRUARY 8, 2022.
- REFERENCES:**
- BOUNDARY AND TOPOGRAPHIC SURVEY - "BOUNDARY AND TOPOGRAPHIC SURVEY, FOSCHINI PARK IMPROVEMENTS, LOT 24, BLOCK 402.01, CITY OF HACKENSACK, BERGEN COUNTY, NEW JERSEY" PREPARED BY SUBURBAN CONSULTING ENGINEERS, INC., DATED MAY 19, 2022.

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B	11/15/2023	JNP	RPC	REVISED PER NJDEP COMMENTS
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DRAWN BY:	JNP
CHECKED BY:	BMD
CHECKED BY:	BMD

**ERIN B. ABLINE, PE**  
NJ PROFESSIONAL ENGINEER  
LICENSE NO. 24GE05524500

**DAREN J. PHIL, PE**  
NJ PROFESSIONAL ENGINEER  
LICENSE NO. 24GE03619100



**SUBURBAN CONSULTING ENGINEERS, INC.**

COA NO: 24CA28037500  
210100005200

- Civil Engineers - Municipal Engineers -  
- Landscape Architects -  
- Planners - Environmentalists - Land Surveyors -

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**NJDEP PERMITTING PLANS FOR FOSCHINI PARK SPORTS FACILITY IMPROVEMENTS**

**BLOCK 11601, LOT 5**

**CITY OF HACKENSACK**

**COUNTY OF BERGEN, STATE OF NEW JERSEY**

PROJECT NUMBER:  
SCE-RB7448-D05

DRAWING NUMBER:  
**C100**

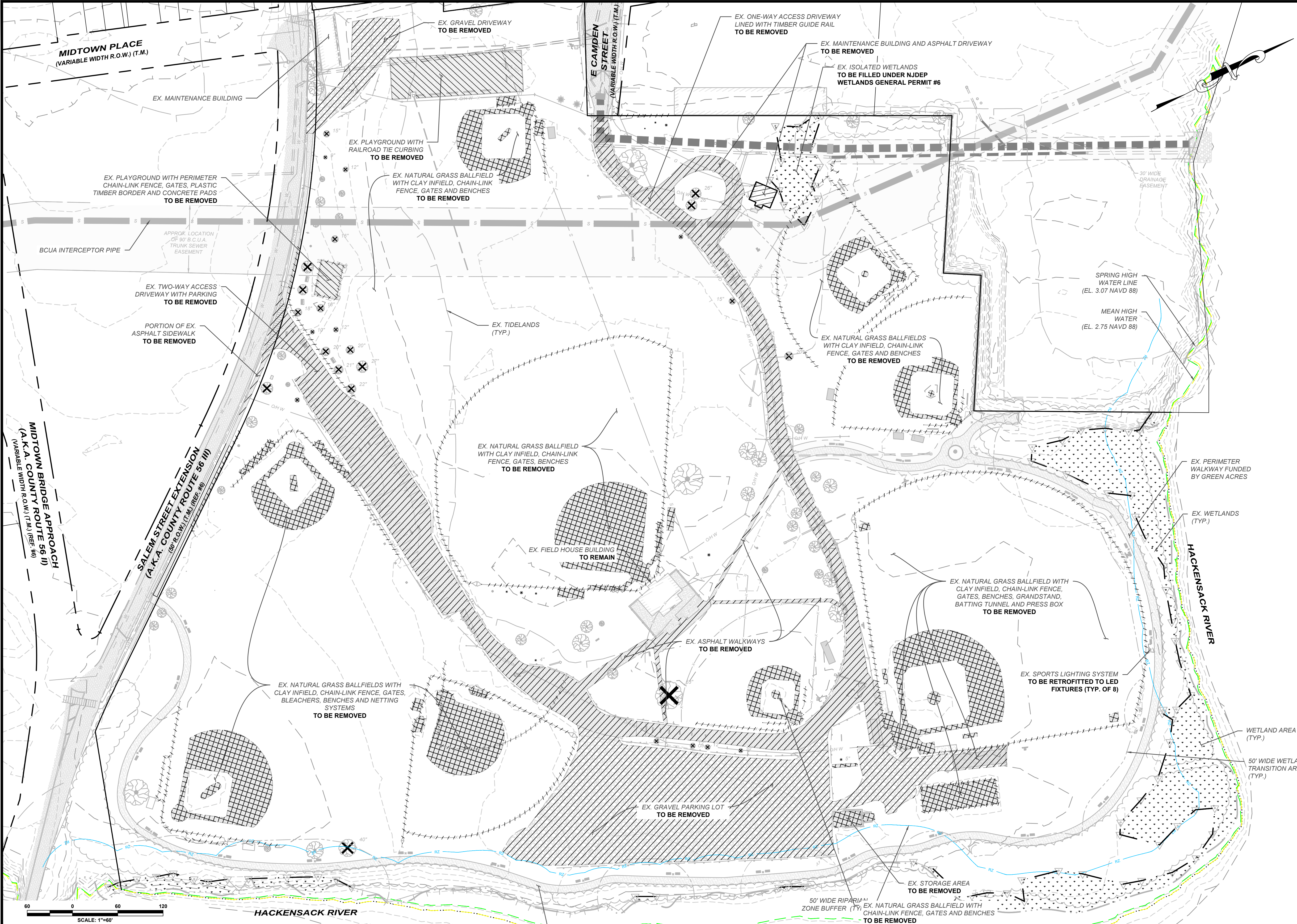
SHEET NUMBER:  
2 OF 18

SCALE:  
1"=60'

REV. B

G:\Engineering\SC\Hackensack\7448 Hackensack\7448.D05 Foschini Park\RB7448.D05 - NJDEP Permitting\PlanSet\RB7448.D05 - C100\_ExistingConditions.dwg Wed, Nov 15, 2023 - 10:27am jparido SUBURBAN CONSULTING ENGINEERS, INC.

G:\Engineering\SC\Hackensack\7448.D05 Foscini Park\Hackensack\7448.D05 NJDEP Permitting\PlanSet\RB7448.D05 C101 DemoPlan.dwg Wed, Nov 15, 2023 - 10:28am jparlato SUBURBAN CONSULTING ENGINEERS, INC.



- NOTES:**
- ITEMS TO BE REMOVED MAY BE SALVAGED AND RELOCATED AT THE OWNER'S DISCRETION.

- LEGEND**
- EX. BUILDING TO BE REMOVED
  - EX. CONCRETE SIDEWALK TO BE REMOVED
  - EX. ASPHALT PAVEMENT TO BE REMOVED
  - EX. CLAY INFIELD TO BE REMOVED
  - EX. PLAYGROUND TO BE REMOVED
  - EX. CHAIN-LINK FENCE TO BE REMOVED
  - EX. TREE TO BE REMOVED
  - WETLAND AREA (TYP.)
  - 50' WIDE WETLAND TRANSITION AREA (TYP.)

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DESCRIPTION		REVISIONS	

DRAWN BY:	JNP
CHECKED BY:	BMD
CHECKED BY:	BMD

**ERIN B. ABLINE, PE**  
NJ PROFESSIONAL ENGINEER  
LICENSE NO. 24GE05524500

DATE: 06/01/2023

**DAREN J. PHIL, PE**  
NJ PROFESSIONAL ENGINEER  
LICENSE NO. 24GE03619100

DATE: 06/01/2023



**SUBURBAN CONSULTING ENGINEERS, INC.**

COA NO: 24CA28037500  
410100009250

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• Landscape Architects •  
• Planners • Environmentalists • Land Surveyors •

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**NJDEP PERMITTING PLANS FOR  
FOSCINI PARK SPORTS FACILITY IMPROVEMENTS  
BLOCK 11601, LOT 5  
CITY OF HACKENSACK  
COUNTY OF BERGEN, STATE OF NEW JERSEY**

**DEMOLITION PLAN**

PROJECT NUMBER:  
SCE-RB7448-D05

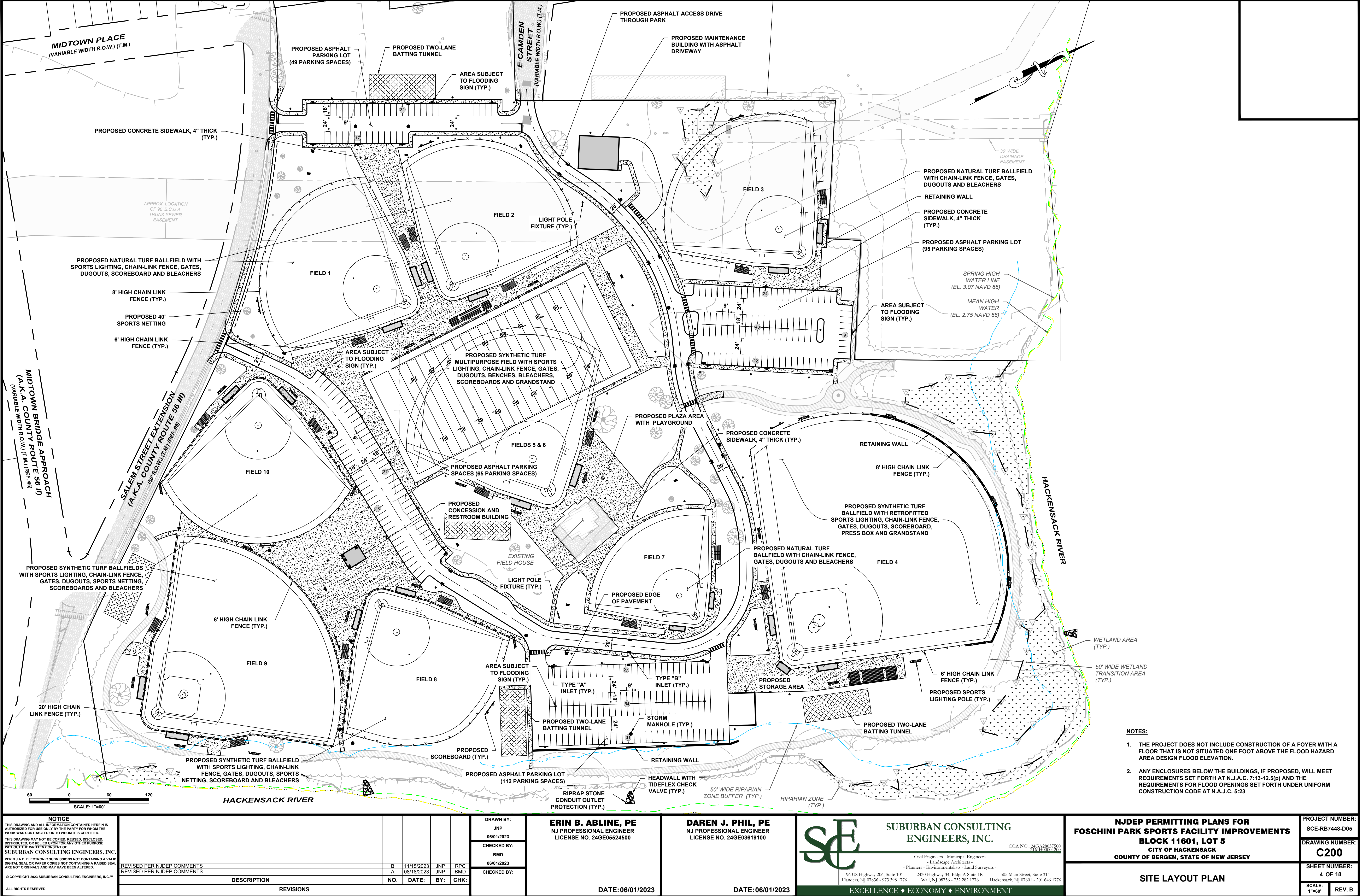
DRAWING NUMBER:  
**C102**

SHEET NUMBER:  
3 OF 18

SCALE:  
1"=60'

REV. B

G:\Engineering\SC\Hackensack\7448.D05 Foschini Park\Hackensack\7448.D05 - NJDEP Permitting\PlanSet\RB7448.D05 - C200\_SiteLayoutPlan.dwg    Wed, Nov 15, 2023 - 10:28am    jpariato    SUBURBAN CONSULTING ENGINEERS, INC.



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CHECKED BY: BMD 06/01/2023				
CHECKED BY:				

**ERIN B. ABLINE, PE**  
 NJ PROFESSIONAL ENGINEER  
 LICENSE NO. 24GE05524500  
**DATE: 06/01/2023**

**DAREN J. PHIL, PE**  
 NJ PROFESSIONAL ENGINEER  
 LICENSE NO. 24GE03619100  
**DATE: 06/01/2023**



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505 Main Street, Suite 314  
 Hackensack, NJ 07601 - 201.646.1776

COA NO.: 24CA28037500  
 41N1100004250

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**NJDEP PERMITTING PLANS FOR  
 FOSCHINI PARK SPORTS FACILITY IMPROVEMENTS  
 BLOCK 11601, LOT 5  
 CITY OF HACKENSACK  
 COUNTY OF BERGEN, STATE OF NEW JERSEY**

**SITE LAYOUT PLAN**

PROJECT NUMBER:  
 SCE-RB7448-D05

DRAWING NUMBER:  
**C200**

SHEET NUMBER:  
 4 OF 18

SCALE:  
 1"=60'

REV. B

G:\Engineering\SC\Hackensack\7448.D05 Foscini Park\RB7448.D05 - NJDEP Permitting\PlanSet\RB7448.D05 - C300 GradingPlan.dwg Wed, Nov 15, 2023 - 10:28am jpariato SUBURBAN CONSULTING ENGINEERS, INC.



- NOTES:
1. THE PROJECT DOES NOT INCLUDE CONSTRUCTION OF A FOYER WITH A FLOOR THAT IS NOT SITUATED ONE FOOT ABOVE THE FLOOD HAZARD AREA DESIGN ELEVATION.
  2. ANY ENCLOSURES BELOW THE BUILDINGS, IF PROPOSED, WILL MEET REQUIREMENTS SET FORTH AT N.J.A.C. 7:13-12.5(p) AND THE REQUIREMENTS FOR FLOOD OPENINGS SET FORTH UNDER UNIFORM CONSTRUCTION CODE AT N.A.J.C. 5:23


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DRAWN BY:	JNP
CHECKED BY:	BMD
CHECKED BY:	BMD

**ERIN B. ABLINE, PE**  
NJ PROFESSIONAL ENGINEER  
LICENSE NO. 24GE05524500  
DATE: 06/01/2023

**DAREN J. PHIL, PE**  
NJ PROFESSIONAL ENGINEER  
LICENSE NO. 24GE03619100  
DATE: 06/01/2023



**SUBURBAN CONSULTING ENGINEERS, INC.**  
COA NO: 24CA28037500  
410100005200

- Civil Engineers - Municipal Engineers -  
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EXCELLENCE ♦ ECONOMY ♦ ENVIRONMENT

<b>NJDEP PERMITTING PLANS FOR FOSCHINI PARK SPORTS FACILITY IMPROVEMENTS BLOCK 11601, LOT 5 CITY OF HACKENSACK COUNTY OF BERGEN, STATE OF NEW JERSEY</b>		PROJECT NUMBER: SCE-RB7448-D05
		DRAWING NUMBER: <b>C300</b>
		SHEET NUMBER: 5 OF 18
		SCALE: 1"=60'
		REV. B

G:\Engineering\SCS\Hackensack\7448 Hackensack\7448.D05 FOSCHINI Park\RB7448.D05 - NJDEP Permitting\PlanSet\RB7448.D05 - C301 - DrainagePlan.dwg Wed, Nov 15, 2023 - 10:28am jparlato SUBURBAN CONSULTING ENGINEERS, INC.



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A	08/18/2023	JNP	BMD

DESCRIPTION

REVISED PER NJDEP COMMENTS  
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06/01/2023

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06/01/2023

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ERIN B. ABLINE, PE

NJ PROFESSIONAL ENGINEER

LICENSE NO. 24GE05524500

DATE: 06/01/2023

DAREN J. PHIL, PE

NJ PROFESSIONAL ENGINEER

LICENSE NO. 24GE03619100

DATE: 06/01/2023

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SUBURBAN CONSULTING ENGINEERS, INC.

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410100004250

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EXCELLENCE ♦ ECONOMY ♦ ENVIRONMENT

NJDEP PERMITTING PLANS FOR  
FOSCHINI PARK SPORTS FACILITY IMPROVEMENTS  
BLOCK 11601, LOT 5  
CITY OF HACKENSACK  
COUNTY OF BERGEN, STATE OF NEW JERSEY

PROJECT NUMBER:  
SCE-RB7448-D05

DRAWING NUMBER:  
C400

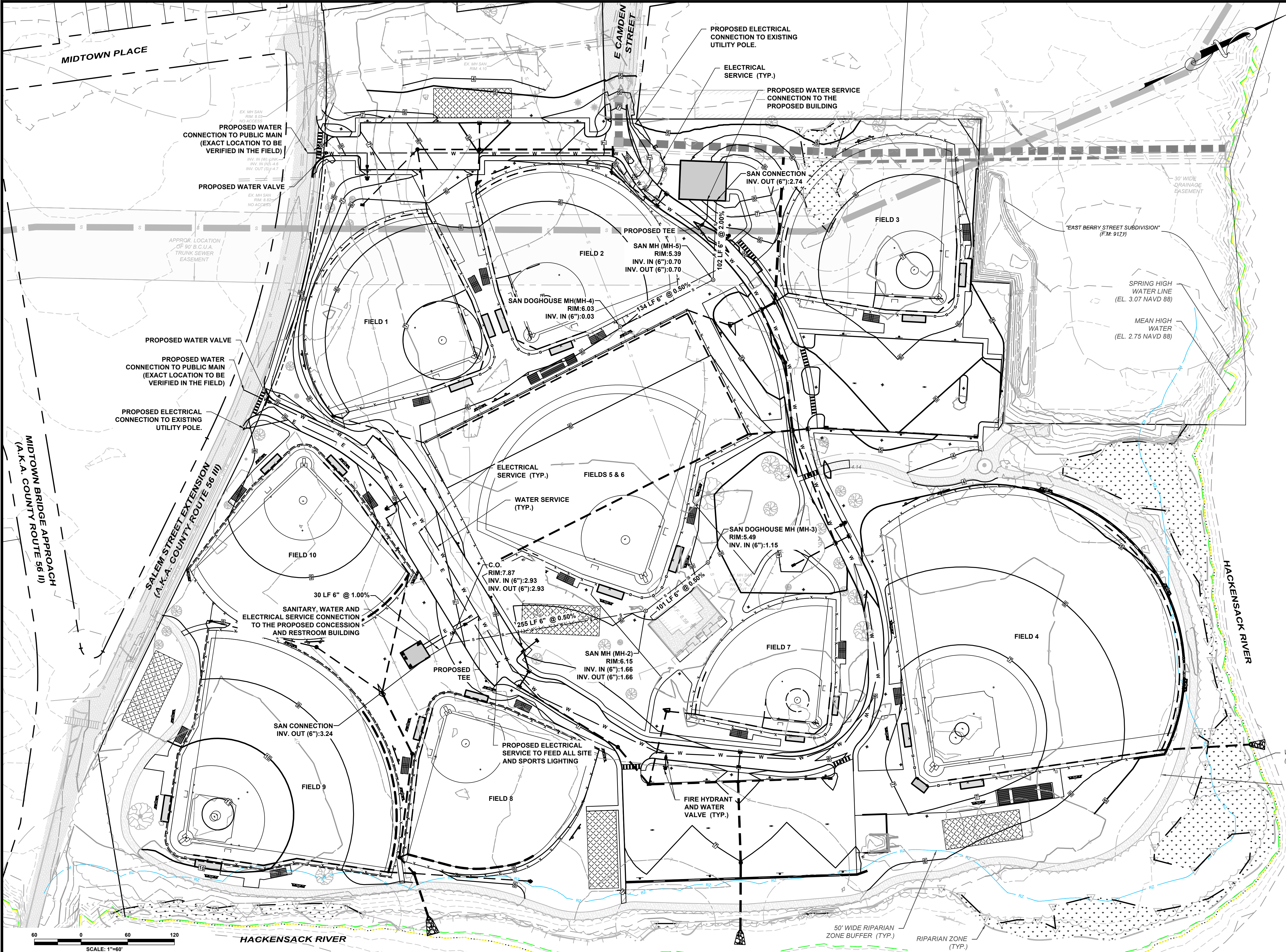
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6 OF 18


SCALE:  
1"=60'

REV. B

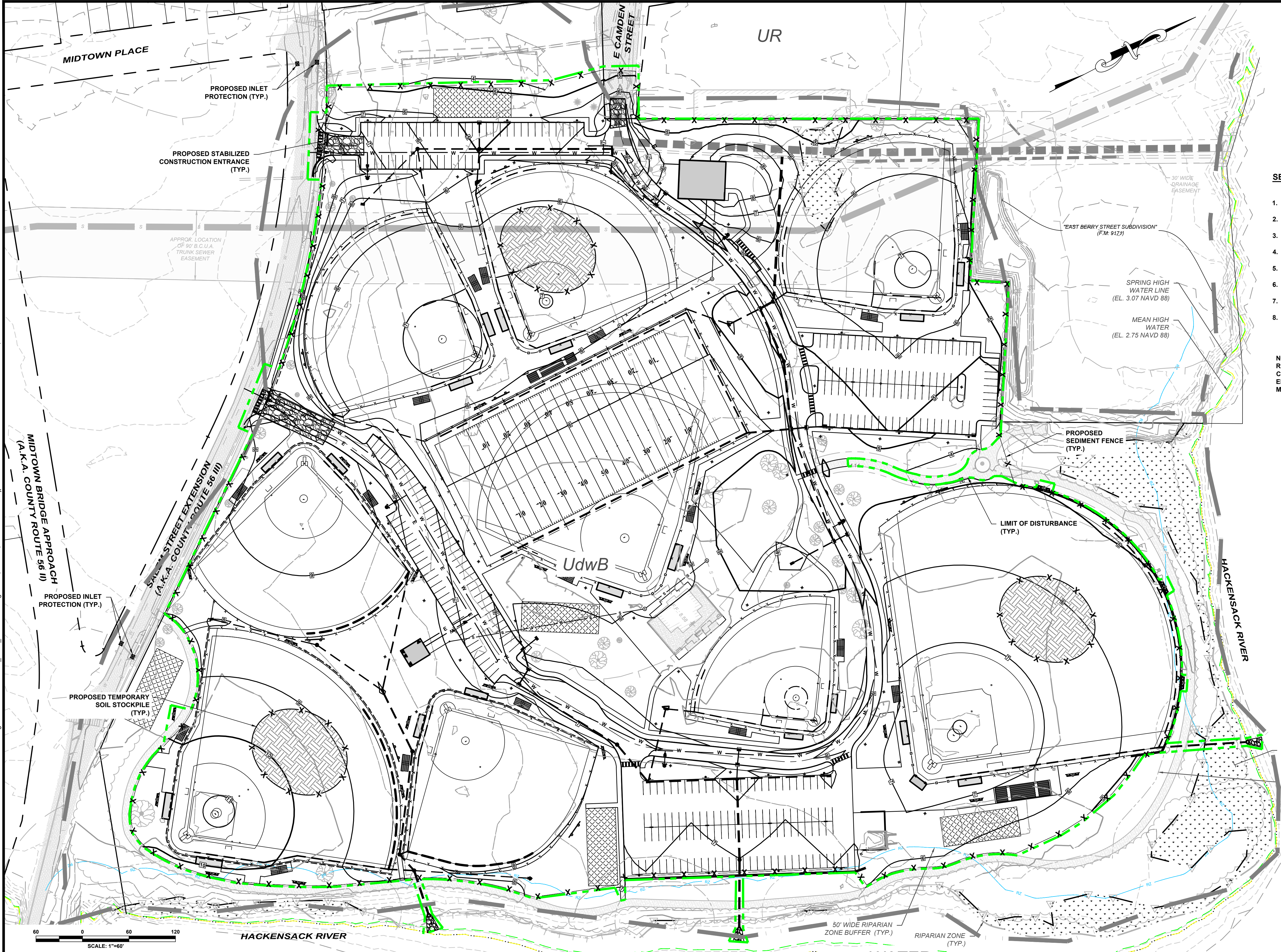
SITE DRAINAGE PLAN

G:\Engineering\SCS\Hackensack\7448 Hackensack\7448.D05 Foscini Park\PlanSet\RB7448.D05 - NJDEP Permitting\PlanSet\RB7448.D05 - C400\_UtilityPlan.dwg Wed, Nov 15, 2023 - 10:28am jparlato SUBURBAN CONSULTING ENGINEERS, INC.



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NO.	DATE	BY	CHK	DESCRIPTION																														
B	11/15/2023	JNP	RPC	REVISED PER NJDEP COMMENTS																														
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SEQUENCE OF CONSTRUCTION:

1. MOBILIZATION AND SESC MEASURES	2.0 WEEK
2. CLEARING SITE AND DEMOLITION	8.0 WEEKS
3. INSTALL UTILITIES, DRAINAGE SYSTEM	12.0 WEEKS
4. INSTALL BUILDINGS, STRUCTURES	4.0 WEEKS
5. INSTALL SPORTS FIELDS	24.0 WEEKS
6. ROADWAY PAVING, CONCRETE CURB, SIDEWALK AND PAVER INSTALLATION	6.0 WEEKS
7. LANDSCAPE INSTALLATION AND SITE RESTORATION	6.0 WEEKS
8. SITE RESTORATION AND REMOVAL OF SESC MEASURES	2.0 WEEK
TOTAL:	64.0 WEEKS

NOTE: THE ABOVE SCHEDULE OF CONSTRUCTION ACTIVITIES ARE ESTIMATES THAT REPRESENT WORKING DAYS AND MAY VARY IN THE SEQUENCE AND DURATION AS CONDITIONS WARRANT. THE CONTRACTOR SHALL SUBMIT A SCHEDULE FOR THE ENGINEER'S APPROVAL AND MAKE PERIODIC ADJUSTMENTS AS NECESSARY TO MEET THE REQUIRED CONTRACT TIME.

LEGEND

	LIMIT OF DISTURBANCE
	PROPOSED SEDIMENT FENCE
	SOIL TYPE BOUNDARY
	PROPOSED INLET PROTECTION DEVICE

SOIL TYPE LEGEND

SYMBOL	NAME	HYDROLOGIC SOIL GROUP
UdwB	- Udortherents, wet substratum-Urban land complex	D
UR	- Urban land	Unranked (Assumed D)
WATER	Water	

TOTAL DISTURBANCE = 1,078,181 S.F. (24.751 ACRES)

THIS PROJECT IS EXEMPT FROM SOIL COMPACTION TESTING AND REMEDIATION AS IT IS LOCATED IN AN URBAN REDEVELOPMENT AREA.

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REVISED PER NJDEP COMMENTS	A	08/18/2023	JNP	BMD

DRAWN BY:	JNP
CHECKED BY:	BMD
CHECKED BY:	BMD

ERIN B. ABLINE, PE  
NJ PROFESSIONAL ENGINEER  
LICENSE NO. 24GE05524500

DATE: 06/01/2023

DAREN J. PHIL, PE  
NJ PROFESSIONAL ENGINEER  
LICENSE NO. 24GE03619100

DATE: 06/01/2023



SUBURBAN CONSULTING ENGINEERS, INC.

COA NO: 24CA28037500  
41N100004200

- Civil Engineers - Municipal Engineers -  
- Landscape Architects -  
- Planners - Environmentalists - Land Surveyors -

96 US Highway 206, Suite 101 2430 Highway 34, Bldg. A Suite 1R 505 Main Street, Suite 314  
Flinders, NJ 07836 - 973.398.1776 Wall, NJ 08736 - 732.282.1776 Hackensack, NJ 07601 - 201.646.1776

EXCELLENCE ♦ ECONOMY ♦ ENVIRONMENT

NJDEP PERMITTING PLANS FOR  
FOSCHINI PARK SPORTS FACILITY IMPROVEMENTS  
BLOCK 11601, LOT 5  
CITY OF HACKENSACK  
COUNTY OF BERGEN, STATE OF NEW JERSEY

SOIL EROSION AND SEDIMENT CONTROL PLAN

PROJECT NUMBER:	SCE-RB7448-D05
DRAWING NUMBER:	C500
SHEET NUMBER:	8 OF 18
SCALE:	1"=60'
REV. B	

G:\Engineering\SCS\Hackensack\7448 D05 Foshini Park\RB7448.D05 - NJDEP Permitting\PlanSet\RB7448.D05 - C510\_SESO\NotesAndDetails.dwg Wed, Nov 15, 2023 - 10:29am parfaro SUBURBAN CONSULTING ENGINEERS, INC.

## 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 ANCHORED BY APPROVED METHODS (I.E. PEG AND TWINE, MULCH NETTING, OR LIQUID MULCH BINDER).
- IMMEDIATELY FOLLOWING INITIAL DISTURBANCE OR ROUGH GRADING, ALL CRITICAL AREAS SUBJECT TO EROSION WILL RECEIVE A TEMPORARY SEEDING IN COMBINATION WITH STRAW MULCH OR A 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 RYEGRASS 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.

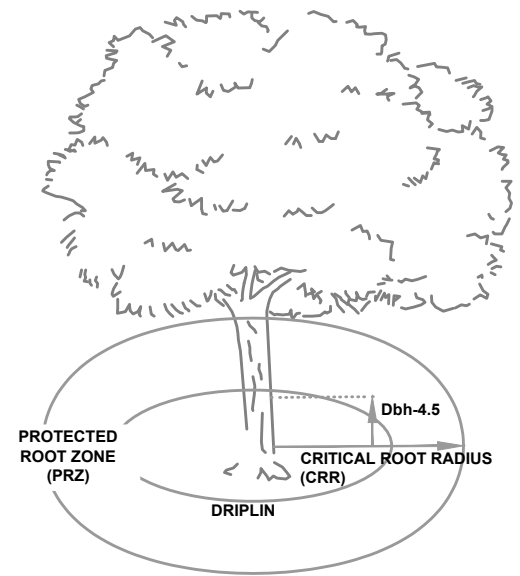
**MULCH** - UNROTTED STRAW OR HAY AT A RATE OF 70 TO 90 LBS. /1,000 SF APPLIED TO ACHIEVE 95% SOIL SURFACE COVERAGE. MULCH SHALL BE ANCHORED BY APPROVED METHODS (I.E. PEG AND TWINE, MULCH NETTING, OR LIQUID MULCH BINDER).
  - PERMANENT SEEDING AND MULCHING:

**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 SIDE 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 RIGHTS-OF-WAY, 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.
- DE-WATERING OPERATIONS MUST DISCHARGE DIRECTLY INTO A SEDIMENT CONTROL BAG OR OTHER APPROVED FILTER IN ACCORDANCE WITH SECTION 14-1 OF THE NJ STANDARDS.
- DUST SHALL BE CONTROLLED VIA THE APPLICATION OF WATER, CALCIUM CHLORIDE OR OTHER APPROVED METHOD IN ACCORDANCE WITH SECTION 16-1 OF THE NJ STANDARDS.
- TREES TO REMAIN AFTER CONSTRUCTION ARE TO BE PROTECTED WITH A SUITABLE FENCE INSTALLED AT THE DRIP LINE OR BEYOND IN ACCORDANCE WITH SECTION 9-1 OF THE NJ STANDARDS.
- THE PROJECT OWNER SHALL BE RESPONSIBLE FOR ANY EROSION OR SEDIMENTATION THAT MAY OCCUR BELOW STORMWATER OUTFALLS OR OFF-SITE AS A RESULT OF CONSTRUCTION OF THE PROJECT.
- ANY REVISION TO THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLAN MUST BE SUBMITTED TO THE DISTRICT FOR REVIEW AND APPROVAL PRIOR TO IMPLEMENTATION IN THE FIELD.
- A COPY OF THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLAN MUST BE AVAILABLE AT THE PROJECT SITE THROUGHOUT CONSTRUCTION.
- THE BERGEN COUNTY SOIL CONSERVATION DISTRICT MUST BE NOTIFIED, IN WRITING, AT LEAST 48 HOURS PRIOR TO ANY LAND DISTURBANCE: BERGEN COUNTY SCD, 700 KINDERKAMACK ROAD, SUITE 106, ORADELL, NJ 07649. TEL: 201-261-4407; FAX 201-261-7573.
- THE BERGEN COUNTY SOIL CONSERVATION DISTRICT MAY REQUEST ADDITIONAL MEASURES TO MINIMIZE ON OR OFF-SITE EROSION PROBLEMS DURING CONSTRUCTION.
- THE OWNER MUST OBTAIN A DISTRICT ISSUED REPORT OF COMPLIANCE PRIOR TO THE ISSUANCE OF ANY CERTIFICATE OF OCCUPANCY. THE DISTRICT REQUIRES AT LEAST ONE WEEK'S NOTICE TO FACILITATE THE SCHEDULING OF ALL REPORT OF COMPLIANCE INSPECTIONS. ALL SITE WORK MUST BE COMPLETED, INCLUDING TEMPORARY/PERMANENT STABILIZATION OF ALL EXPOSED AREAS, PRIOR TO THE ISSUANCE OF A REPORT OF COMPLIANCE BY THE DISTRICT.



ESTIMATE A TREE'S PROTECTED ROOT ZONE (PRZ) BY CALCULATING THE CRITICAL ROOT RADIUS (CRR).

- MEASURE THE DBH (DIAMETER OF TREE AT BREAST HEIGHT, 4.5 FEET ABOVE GROUND ON THE UPHILL SIDE OF TREE) IN INCHES.
- MULTIPLY MEASURED DBH BY 1.5 OR 1.0. EXPRESS THE RESULT IN FEET.

DBH X 1.5: CRITICAL ROOT RADIUS FOR OLDER, UNHEALTHY, OR SENSITIVE SPECIES.

DBH X 1.0: CRITICAL ROOT RADIUS FOR YOUNGER, HEALTHY, OR TOLERANT SPECIES.

## TREE PROTECTION N.T.S.

## DUST CONTROL NOTES

THE FOLLOWING METHODS SHOULD BE USED FOR CONTROLLING DUST:  
**MULCHES** - SEE STANDARDS FOR STABILIZATION WITH MULCHES ONLY (Pg. 5-1).  
**VEGETATIVE COVER** - SEE STANDARDS FOR TEMPORARY VEGETATIVE COVER (Pg 7-1). PERMANENT VEGETATIVE COVER FOR SOIL STABILIZATION (Pg 4-1), AND PERMANENT STABILIZATION WITH SOD (6-1).  
**SPRAY-ON ADHESIVE** - 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	1,200
LATEX EMULSION	12.5 : 1	FINE SPRAY	235
RESIN IN WATER	4 : 1	FINE SPRAY	300
POLYACRYLAMIDE (PAM) - SPRAY ON POLYACRYLAMIDE (PAM) - DRY SPRAY		APPLY ACCORDING TO MANUFACTURER'S INSTRUCTIONS. MAY ALSO BE USED AS AN ADDITIVE TO SEDIMENT BASINS TO FLOCCULATE AND PRECIPITATE SUSPENDED COLLOIDS. SEE SEDIMENT BASIN STANDARD (Pg. 26-1)	
ACIDULATED SOY BEAN STICK	NONE	COARSE SPRAY	1,200

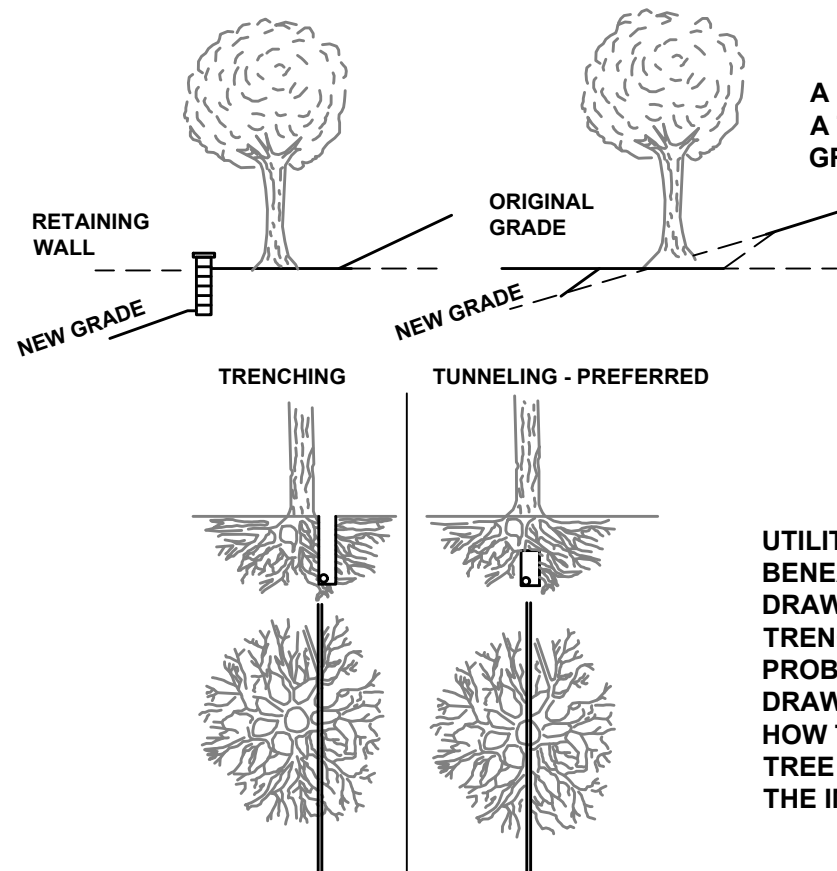
**TILLAGE** - TO ROUGHEN SURFACE AND BRING CLODS TO THE SURFACE. THIS IS A TEMPORARY EMERGENCY MEASURE WHICH SHOULD BE USED BEFORE SOIL BLOWING STARTS. BEGIN PLOWING ON WINDWARD SIDE OF SITE. CHISEL-TYPE PLOWS SPACED ABOUT 12 INCHES APART, AND SPRING-TOOTHED HARROWS ARE EXAMPLES OF EQUIPMENT WHICH MAY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

**SPRINKLING** - SITE IS SPRINKLED UNTIL THE SURFACE IS WET.

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

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

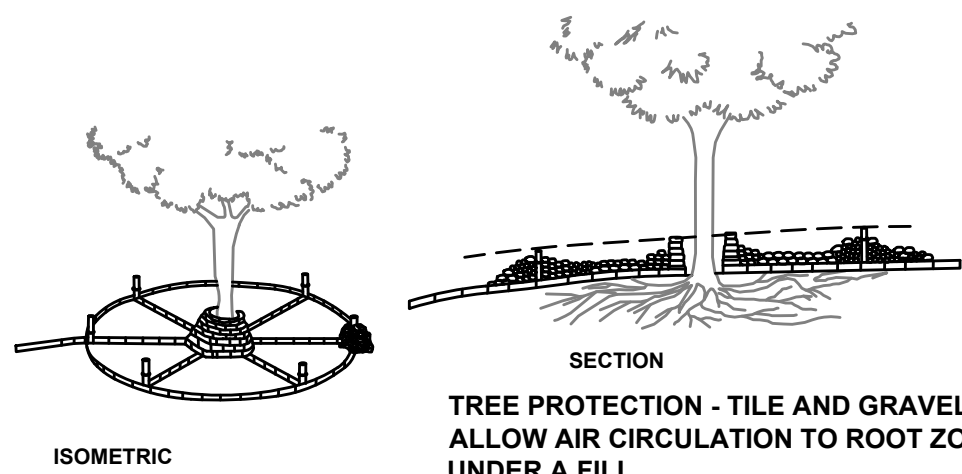
**STONE** - COVER SURFACE WITH CRUSHED STONE OR COARSE GRAVEL.



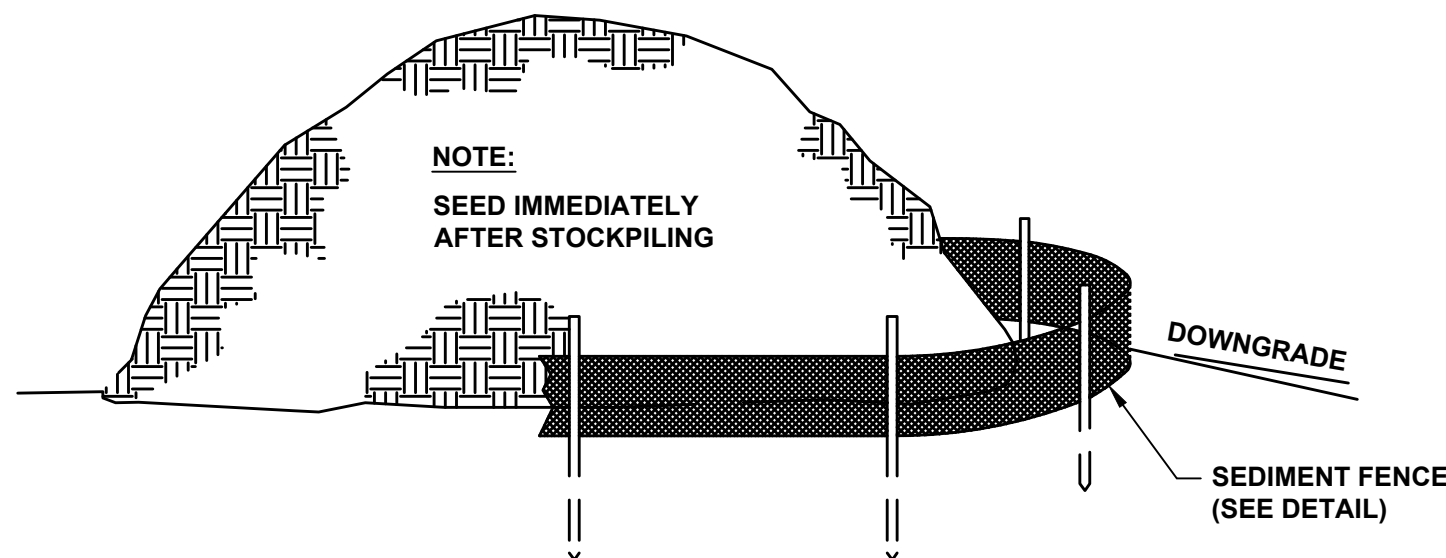
A RETAINING WALL PROTECTS A TREE FROM A LOWERED GRADE.

UTILITIES SHOULD BE TUNNELED BENEATH TREE ROOTS. THE DRAWINGS ON THE LEFT SHOW TRENCHING THAT WOULD PROBABLY KILL THE TREE. THE DRAWINGS ON THE RIGHT SHOW HOW TUNNELING UNDER THE TREE WILL PRESERVE MANY OF THE IMPORTANT FEEDER ROOTS

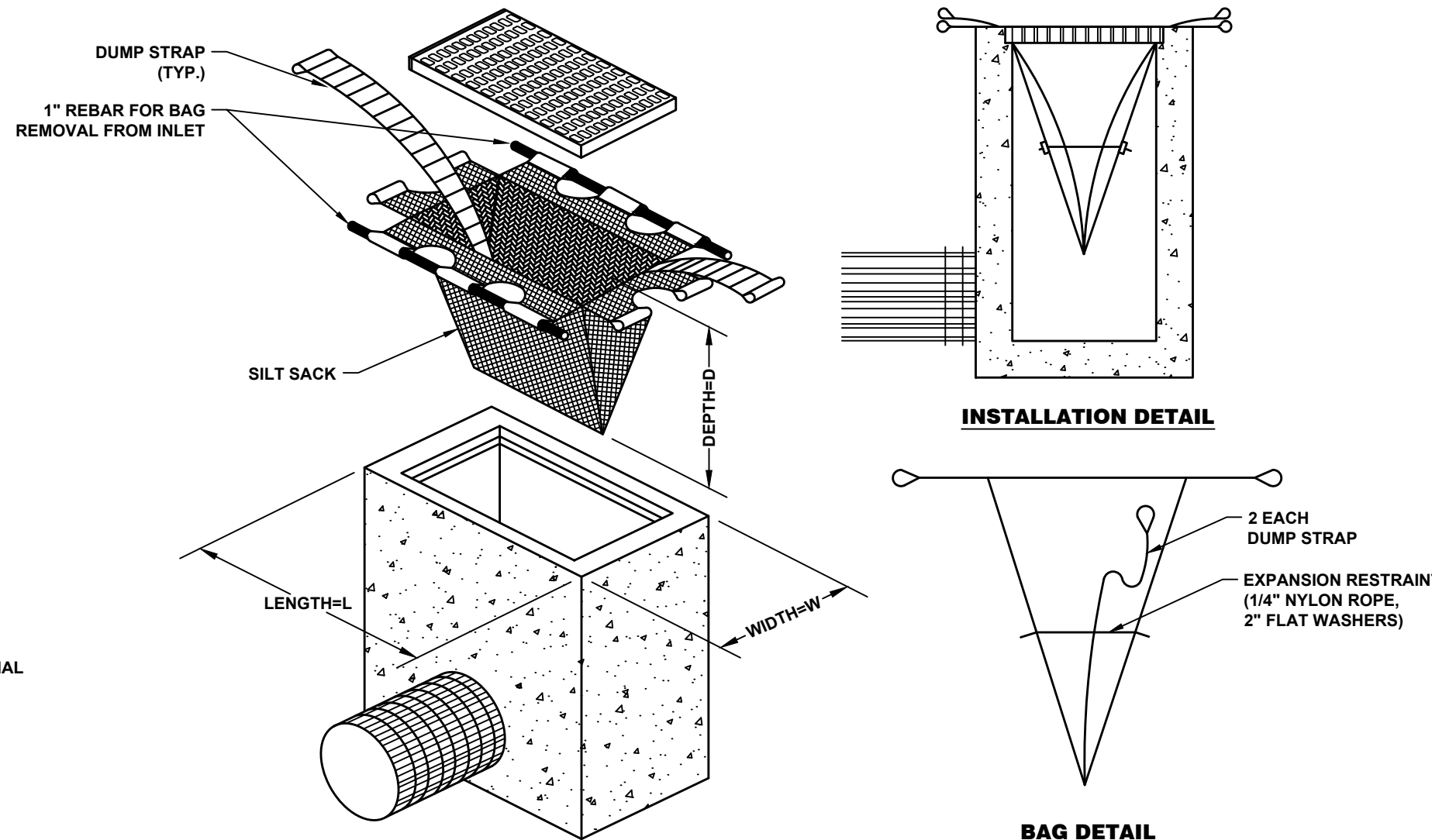
## TREE PROTECTION-UNDERGROUND UTILITY INSTALLATION N.T.S.



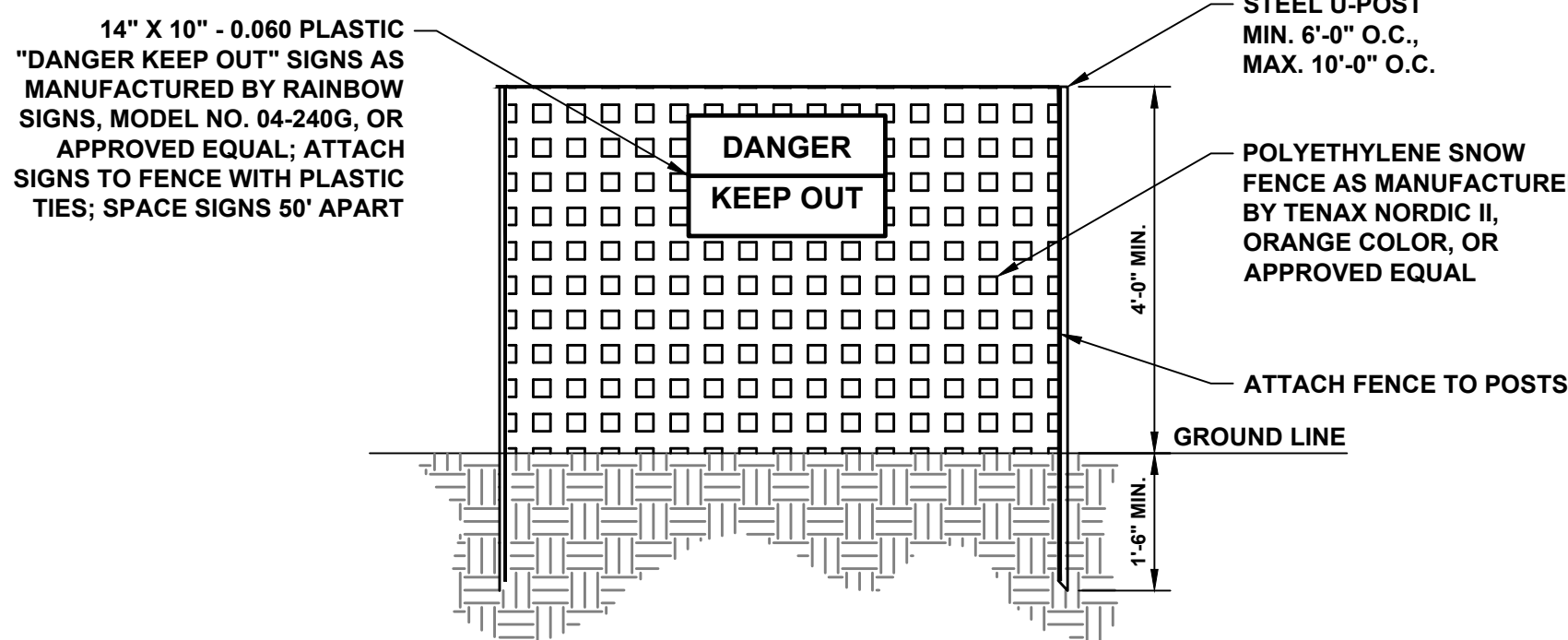
## TREE PROTECTION IN FILL AREAS N.T.S.



## TYPICAL TOPSOIL STOCKPILE N.T.S.



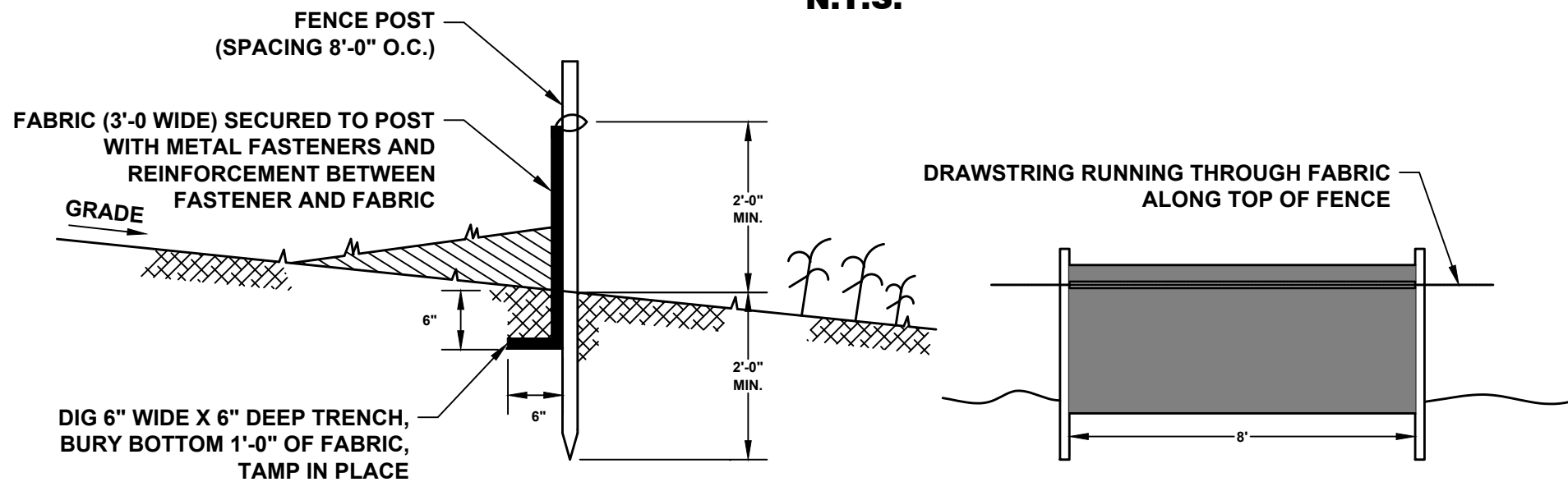
## INLET PROTECTION DEVICE N.T.S.



NOTE:

CAUTION FENCE/TEMPORARY CONSTRUCTION FENCE SHALL BE PROVIDED CONTINUOUSLY AROUND THE CONSTRUCTION SITE PERIMETER AS DIRECTED BY THE ENGINEER. "DANGER-KEEP OUT" SIGNS SHALL BE PROVIDED EVERY 50 FEET ON THE TEMPORARY CONSTRUCTION FENCE.

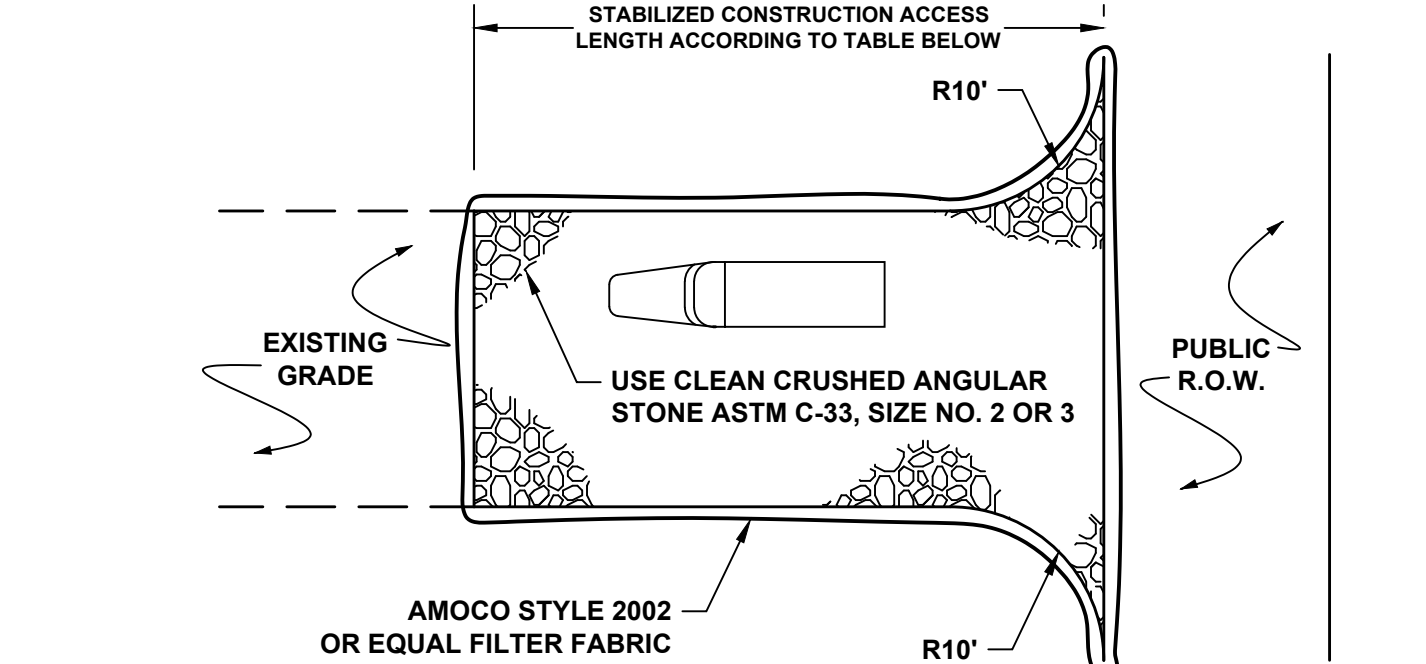
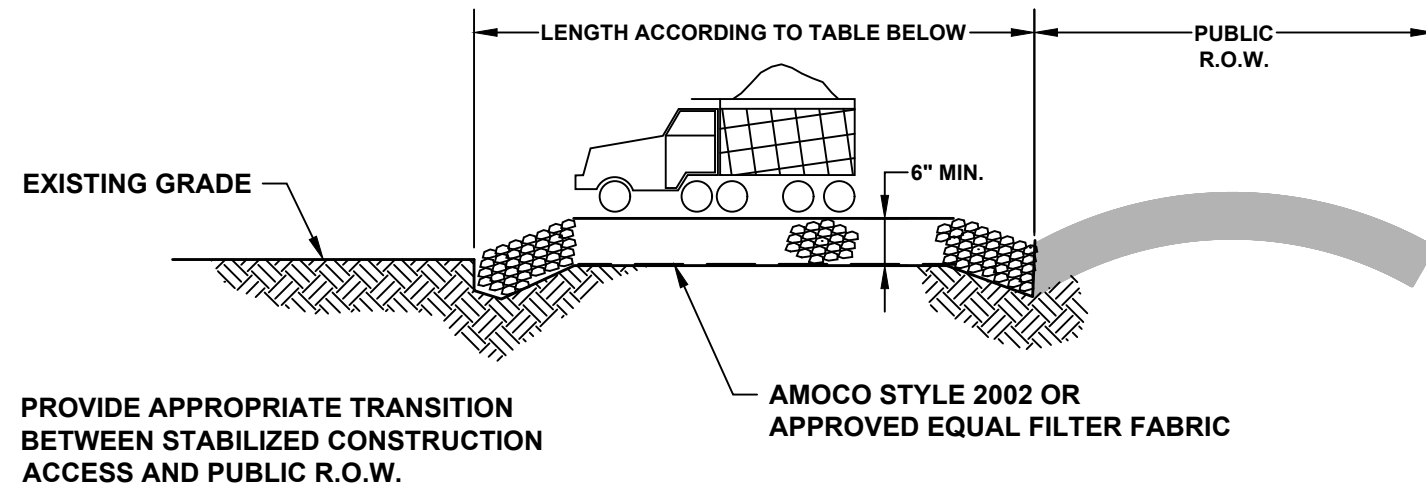
## CAUTION FENCE/TEMPORARY CONSTRUCTION FENCE N.T.S.



## REQUIREMENTS FOR SEDIMENT FENCE:

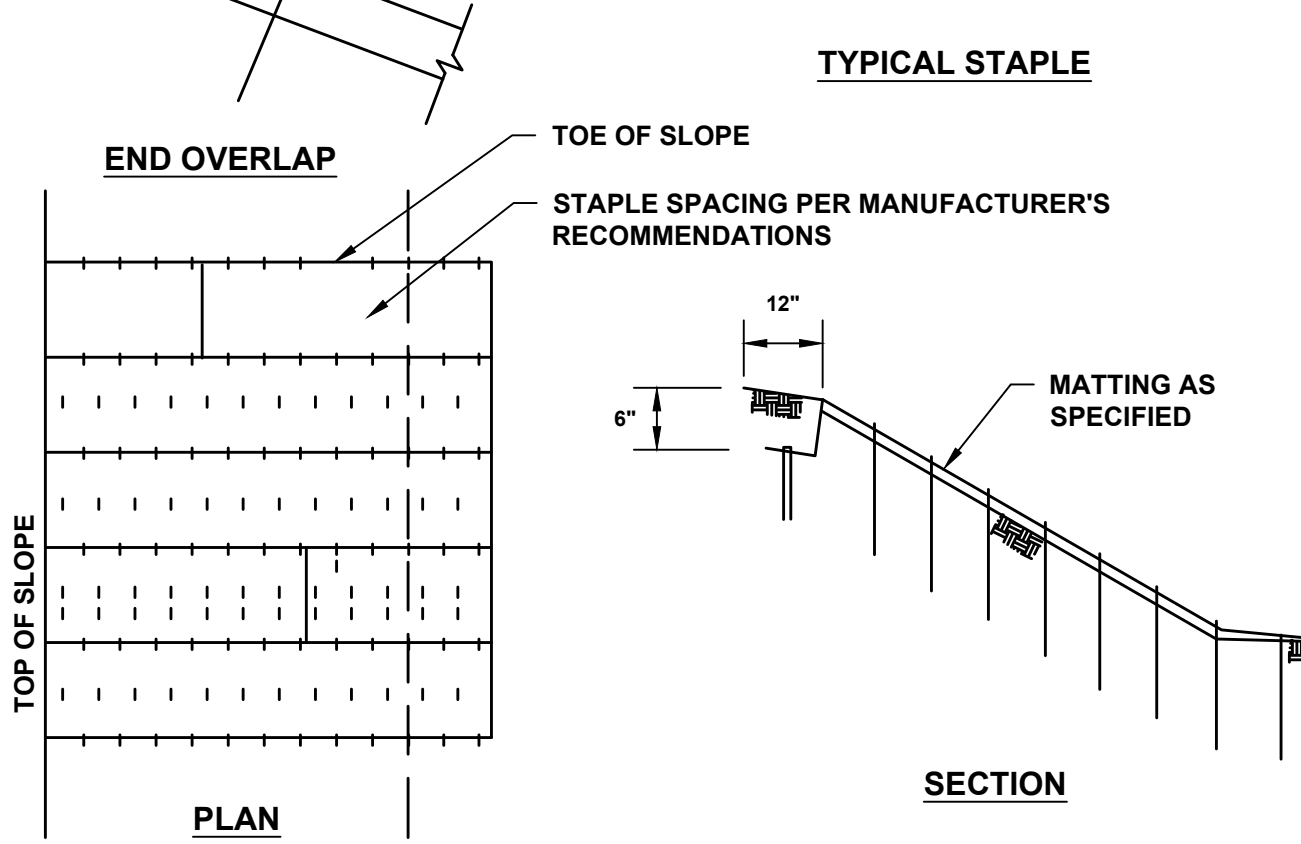
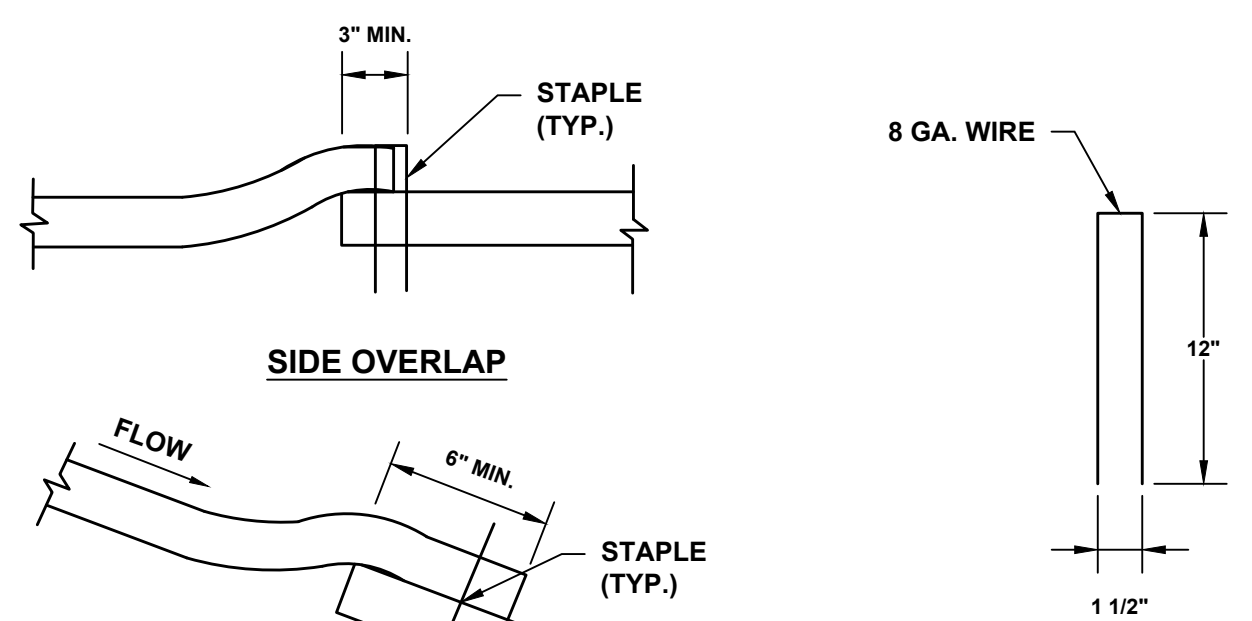
- FENCE POSTS SHALL BE SPACED 8 FEET CENTER TO CENTER OR CLOSER. THEY SHALL EXTEND AT LEAST 2 FEET INTO THE GROUND AND EXTEND AT LEAST 2 FEET ABOVE GROUND. POSTS SHALL BE CONSTRUCTED OF HARDWOOD WITH A MINIMUM DIAMETER THICKNESS OF 1.5 INCHES.
- WHERE INDICATED AS SUPER SILT FENCE A METAL FENCE WITH 6 INCH OR SMALLER OPENINGS AND AT LEAST 2 FEET HIGH MAY BE UTILIZED, FASTENED TO THE FENCE POSTS, TO PROVIDE REINFORCEMENT AND SUPPORT TO THE GEOTEXTILE FABRIC WHERE SPACE FOR OTHER PRACTICES IS LIMITED AND HEAVY SEDIMENT LOADING IS EXPECTED.
- A GEOTEXTILE FABRIC, RECOMMENDED FOR SUCH USE BY THE MANUFACTURER, SHALL BE BURIED AT LEAST 6 INCHES DEEP IN THE GROUND. THE FABRIC SHALL EXTEND AT LEAST 2 FEET ABOVE THE GROUND. THE FABRIC MUST BE SECURELY FASTENED TO THE POSTS USING A SYSTEM CONSISTING OF METAL FASTENERS (NAILS OR STAPLES) AND A HIGH STRENGTH REINFORCEMENT MATERIAL (NYLON WEBBING, CROWNETS, WASHERS, ETC.) PLACED BETWEEN THE FASTENER AND THE GEOTEXTILE FABRIC. THE FASTENING SYSTEM SHALL RESIST TEARING AWAY FROM THE POST. THE FABRIC SHALL INCORPORATE A DRAWSTRING IN THE TOP PORTION OF THE FENCE FOR ADDED STRENGTH.

## SEDIMENT FENCE DETAIL N.T.S.



PERCENT SLOPE OF ROADWAY	LENGTH OF STONE REQUIRED	
	COARSE GRAINED SOILS	FINE GRAINED SOILS
0 TO 2%	50 FT	100 FT
2 TO 5%	100 FT	200 FT
>5%	ENTIRE SURFACE STABILIZED WITH BITUMINOUS CONCRETE SUBBASE	

## STABILIZED CONSTRUCTION ACCESS N.T.S.



## TOPSOIL STOCKPILE STABILIZATION N.T.S.

**NJDEP PERMITTING PLANS FOR  
FOSCHINI PARK SPORTS FACILITY IMPROVEMENTS  
BLOCK 11601, LOT 5  
CITY OF HACKENSACK  
COUNTY OF BERGEN, STATE OF NEW JERSEY**

## SOIL EROSION AND SEDIMENT CONTROL NOTES AND DETAILS

PROJECT NUMBER:  
SCE-RB7448-D05  
DRAWING NUMBER:  
C510  
SHEET NUMBER:  
9 OF 18  
SCALE:  
AS NOTED  
REV. B

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REVISED PER NJDEP COMMENTS  
REVISED PER NJDEP COMMENTS

DESCRIPTION  
REVISIONS

NO. DATE: BY: CHK:

DRAWN BY:  
JNP  
06/01/2023  
CHECKED BY:  
BMD  
06/01/2023  
CHECKED BY:

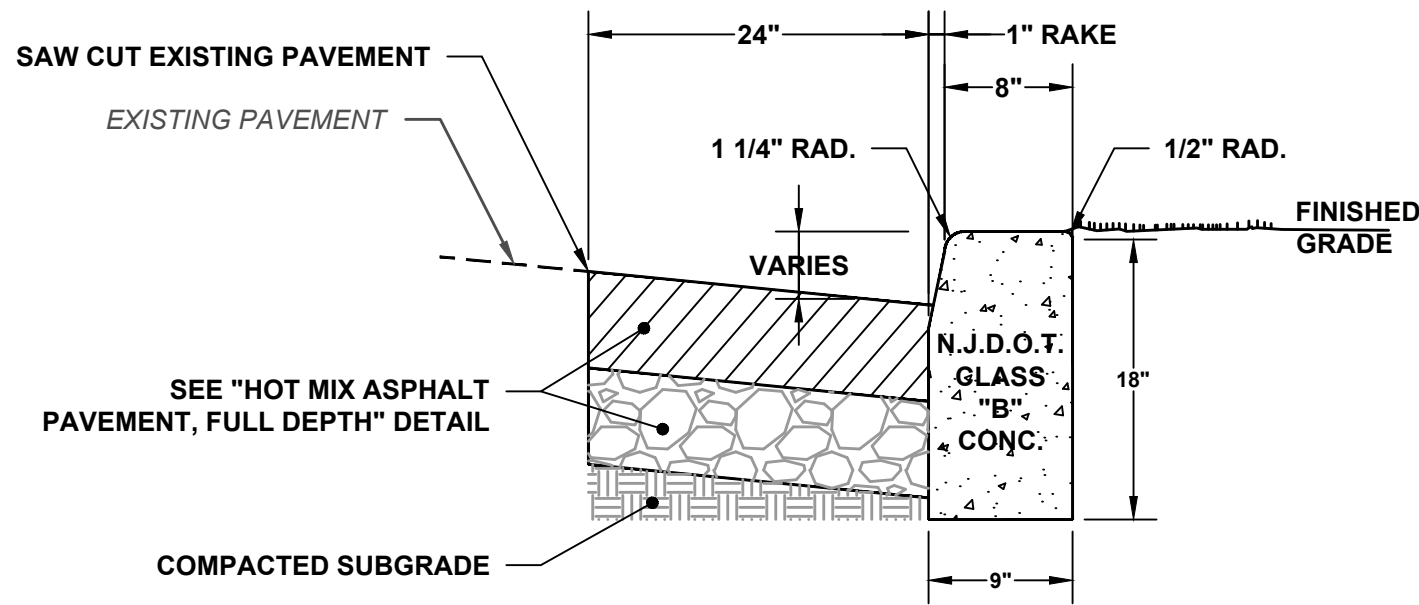
**ERIN B. ABLINE, PE**  
NJ PROFESSIONAL ENGINEER  
LICENSE NO. 24GE05524500

DATE: 06/01/2023

**DAREN J. PHIL, PE**  
NJ PROFESSIONAL ENGINEER  
LICENSE NO. 24GE03619100

DATE: 06/01/2023

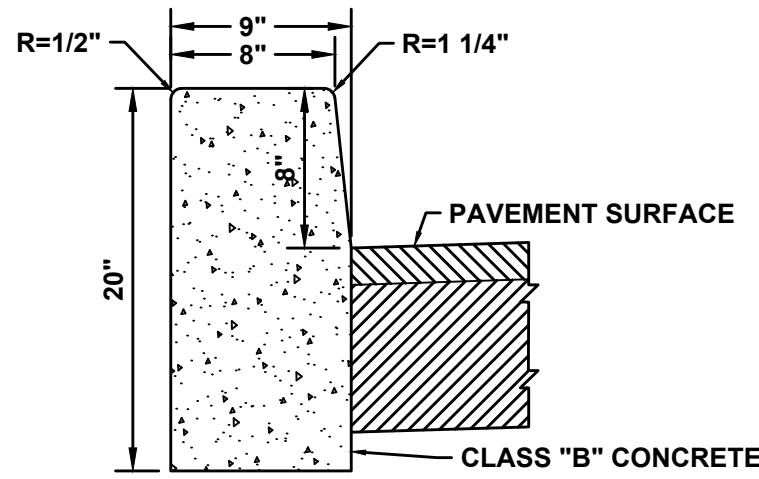
**SCS** SUBURBAN CONSULTING ENGINEERS, INC.  
COA NO: 24CA28037500  
4101100009504  
- Civil Engineers - Municipal Engineers -  
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Flandres, NJ 07836 - 973.398.1776 Wall, NJ 08736 - 732.282.1776 Hackensack, NJ 07601 - 201.646.1776  
EXCELLENCE ♦ ECONOMY ♦ ENVIRONMENT



NOTES:

- TRANSVERSE JOINTS 1/2" WIDE SHALL BE INSTALLED IN THE CURB 20' APART AND SHALL BE FILLED WITH PREFORMED BITUMINOUS IMPREGNATED FIBER JOINT FILLER, COMPLYING WITH REQUIREMENTS OF A.A.S.H.O SPEC. M-213, RECESSED 1/4" IN FROM THE FRONT FACE AND TOP OF CURB.
- PAVEMENT REPAIR TO BE INCLUDED IN COST OF CONCRETE VERTICAL CURB, 9"X18" ITEM.
- CONCRETE SHALL BE INTEGRAL COLOR GALLERY COLOR-CRETE "SOFT GRAY" OR APPROVED EQUAL.

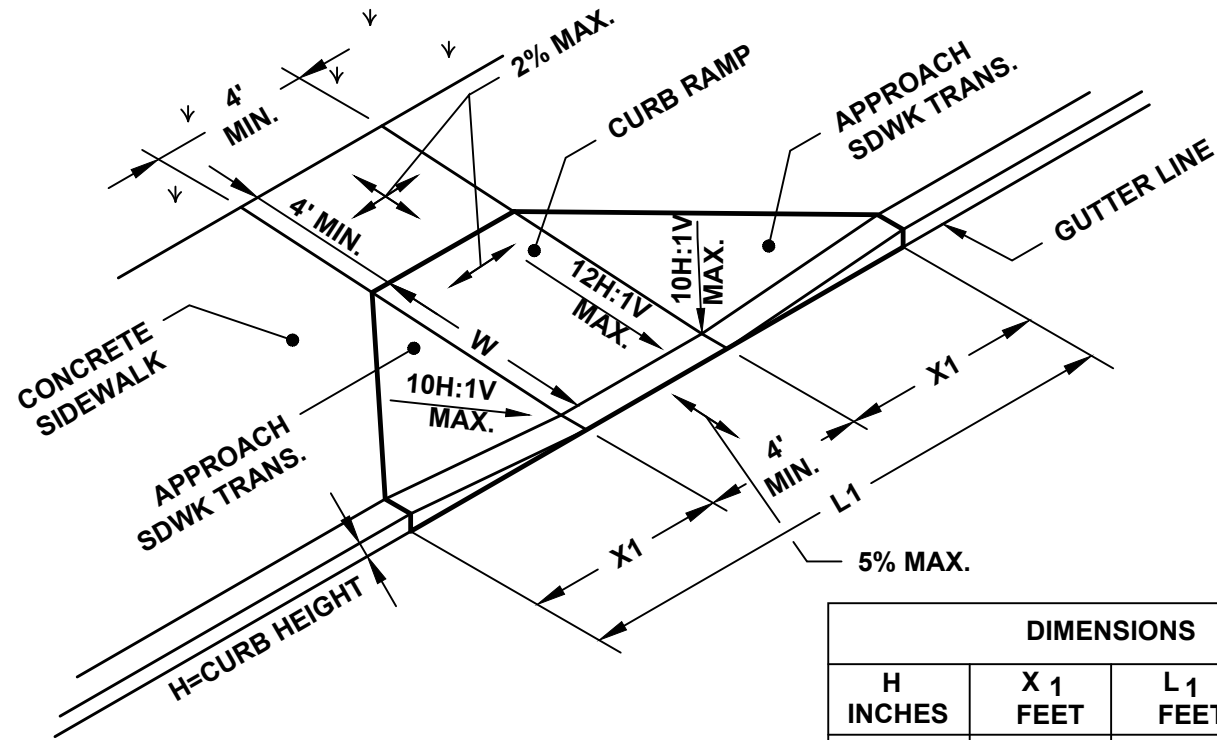
**CONCRETE VERTICAL CURB, 9"X18"**  
N.T.S.



NOTE:

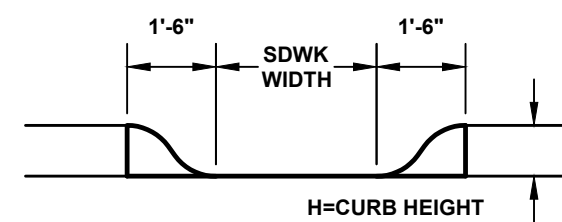
TRAVERSE JOINTS 1/2" WIDE SHALL BE INSTALLED 10'-0" APART AND SHALL BE FILLED WITH PREFORMED BITUMINOUS JOINT FILLER AASHTO DESIGNATION M213 RECESSED 1/4" FROM TOP AND FACE. DEPRESSED CURB AT DRIVEWAYS PER 605.02, NJDOT STD. SPEC FOR ROAD AND BRIDGE CONSTRUCTION, 1989.

**BERGEN COUNTY CONCRETE CURB**  
N.T.S.

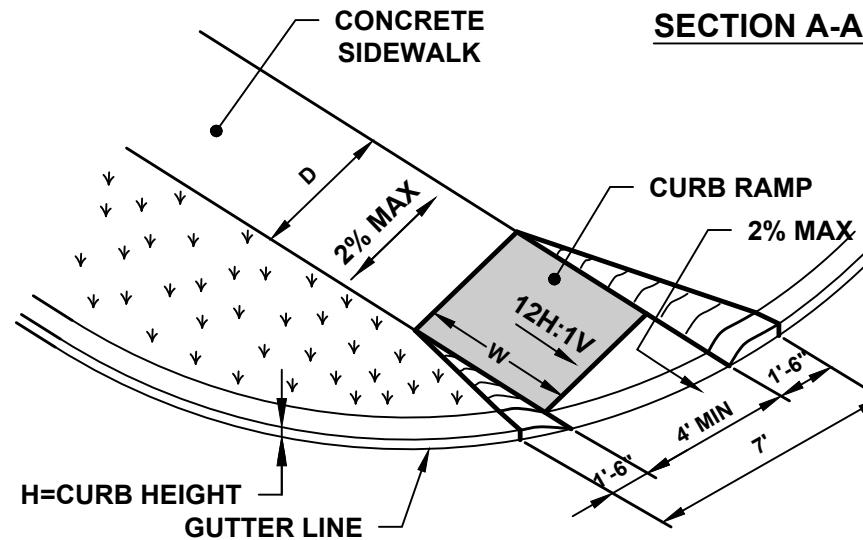


DIMENSIONS			
H INCHES	X 1 FEET	L 1 FEET	W FEET
3	2.5	9.0	3
4	3.3	10.6	4
5	4.2	12.4	5
6	5.0	14.0	6
7	5.8	15.6	7
8	6.7	17.4	8
9	7.5	19.0	9

**ADA CURB RAMP TYPE 1**  
N.T.S.

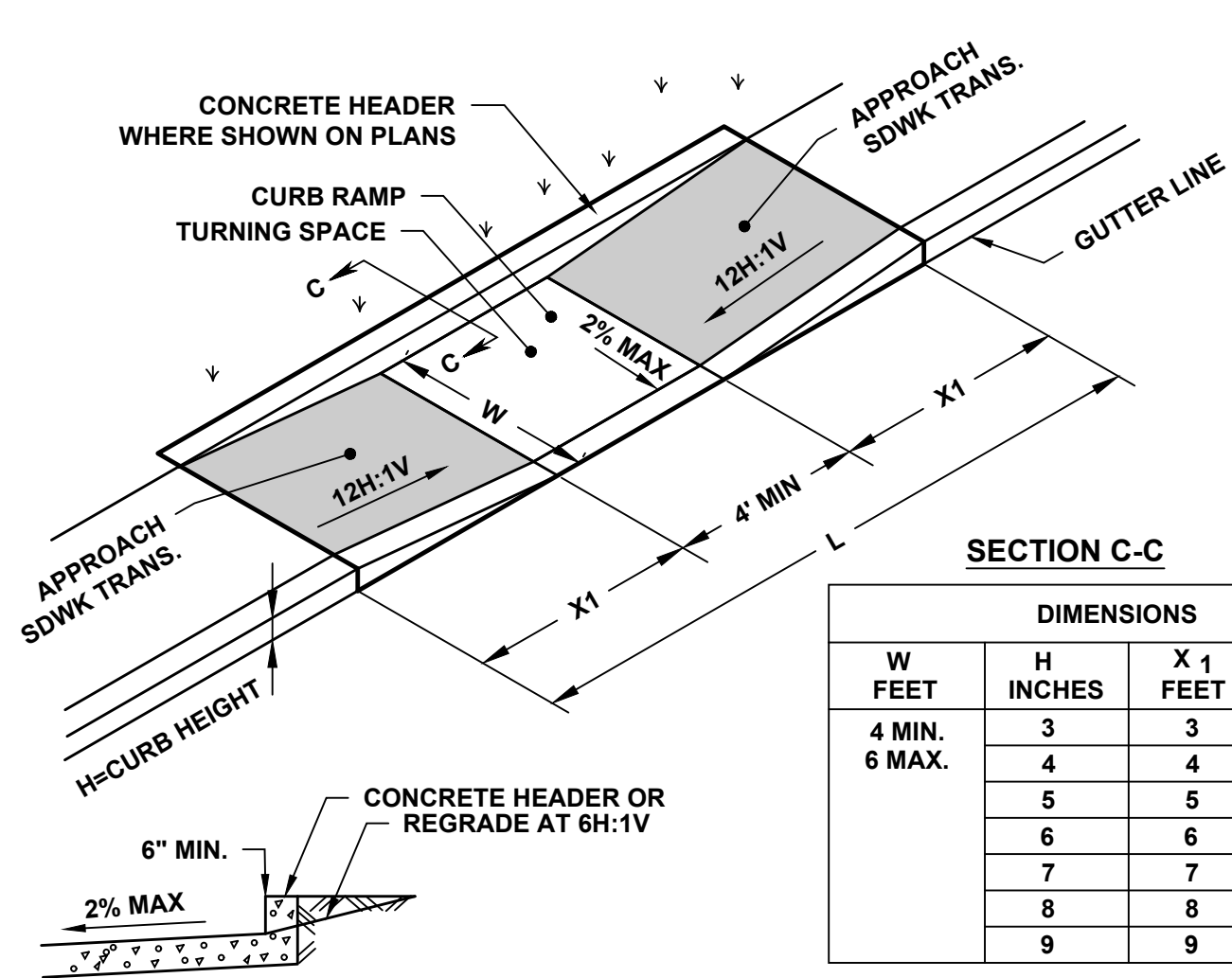


SECTION A-A



DIMENSIONS	
H INCHES	W FEET
3	3
4	4
5	5
6	6
7	7
8	8
9	9

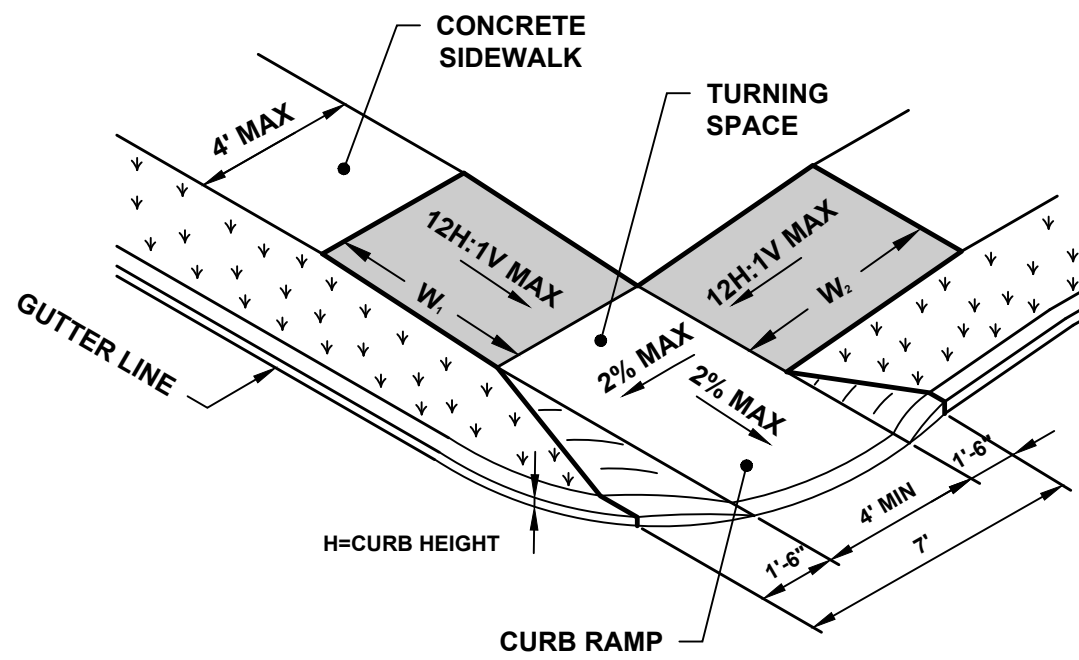
**ADA CURB RAMP TYPE 5**  
N.T.S.



DIMENSIONS			
W FEET	H INCHES	X 1 FEET	L 1 FEET
4 MIN. 6 MAX.	3	3	11
	4	4	13
	5	5	15
	6	6	17
	7	7	19
	8	8	21
	9	9	23

\* MINIMUM RAMP WIDTH SHALL BE 5' WHERE ADJACENT TO A CURB OR WALL.

**ADA CURB RAMP TYPE 7**  
N.T.S.

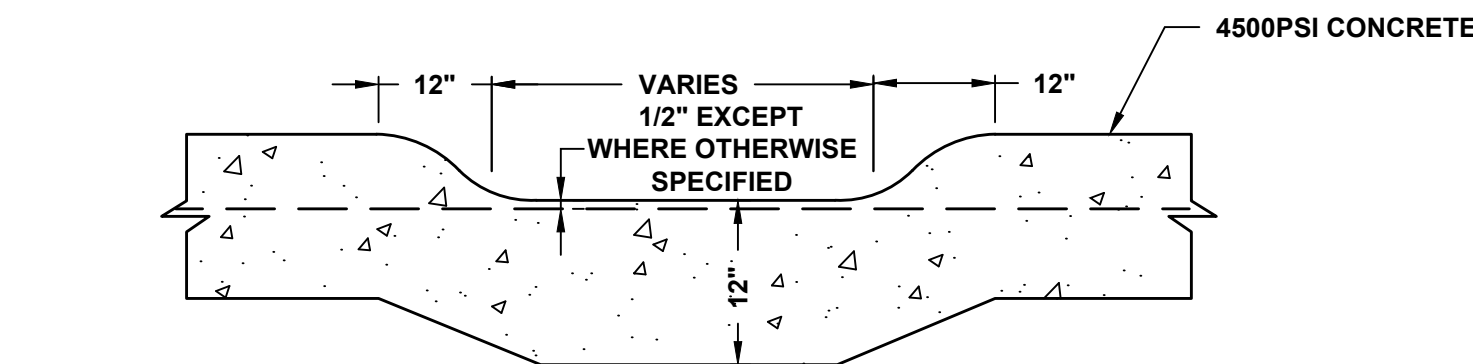


DIMENSIONS	
H INCHES	W FEET
3	3
4	4
5	5
6	6
7	7
8	8
9	9

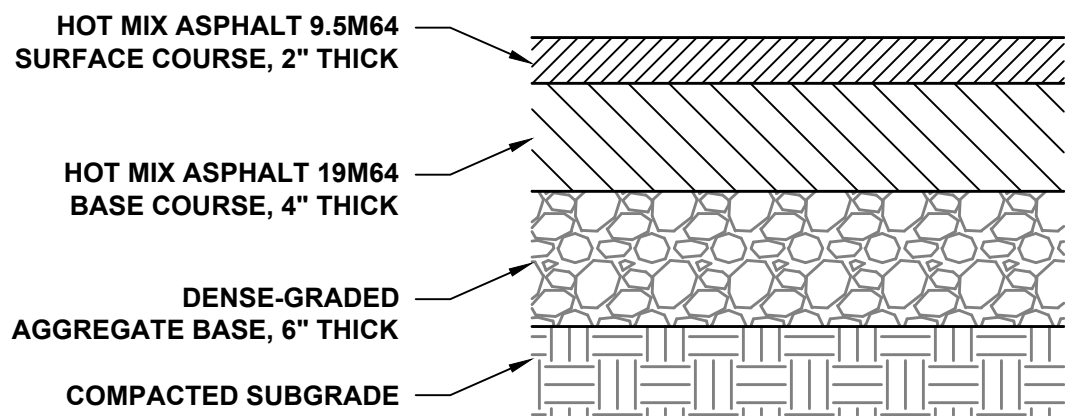
**ADA CURB RAMP TYPE 6**  
N.T.S.

NOTES:

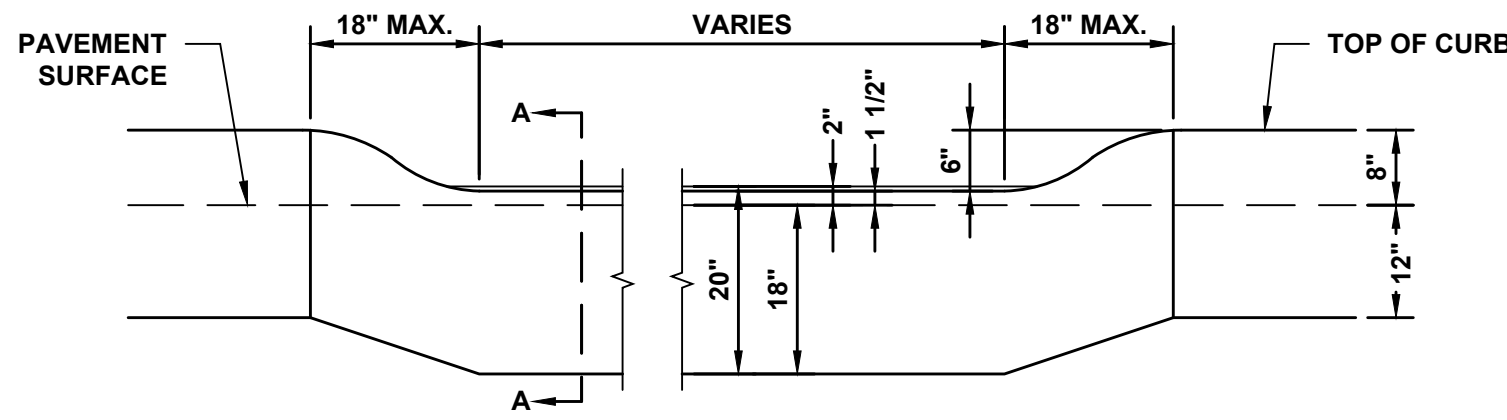
- LANDING AREA, APPROACH SIDEWALK TRANSITIONS, AND CURB RAMP SHALL BE KEPT CLEAR OF OBSTRUCTIONS.
- DIMENSIONS SHOWN IN TABLES ARE FOR RELATIVELY FLAT SIDEWALK AREAS. CARE SHOULD BE TAKEN WHEN DETERMINING CURB RAMP SIZE BASED ON CURB HEIGHT (H) WHERE ELEVATION OF CURB AND SIDEWALK VARY DRASTICALLY IN AREA OF PROPOSED CURB RAMP.
- CURB (DROPPED CURB) GUTTERLINE TO BE FLUSH WITH ROADWAY PAVEMENT A MINIMUM OF 4 FEET AT ALL CURB RAMPS.
- FOR CURB RAMP TYPES 5 AND 6, IF A GRASS BUFFER DOES NOT EXIST, SLOPE CURB TO EQUAL SLOPE OF ADJACENT CURB RAMP.
- PREFERRED AND ALTERNATE TREATMENTS SHOULD NOT BE INTERMIXED WITHIN THE SAME INTERSECTION.
- DIMENSIONS SHOWN IN TABLES ARE FOR 3 INCH TO 9 INCH CURB HEIGHTS. WHERE THE CURB HEIGHTS ARE OTHER THAN WHAT IS PROVIDED IN THE TABLES, THE DIMENSIONS OF THE RAMPS WILL BE DETERMINED BY THE ENGINEER.
- DETECTABLE WARNINGS SHALL BE PROVIDED ON ALL CURB RAMPS IN ACCORDANCE WITH THE DETAIL INCLUDED IN THESE CONSTRUCTION PLANS.



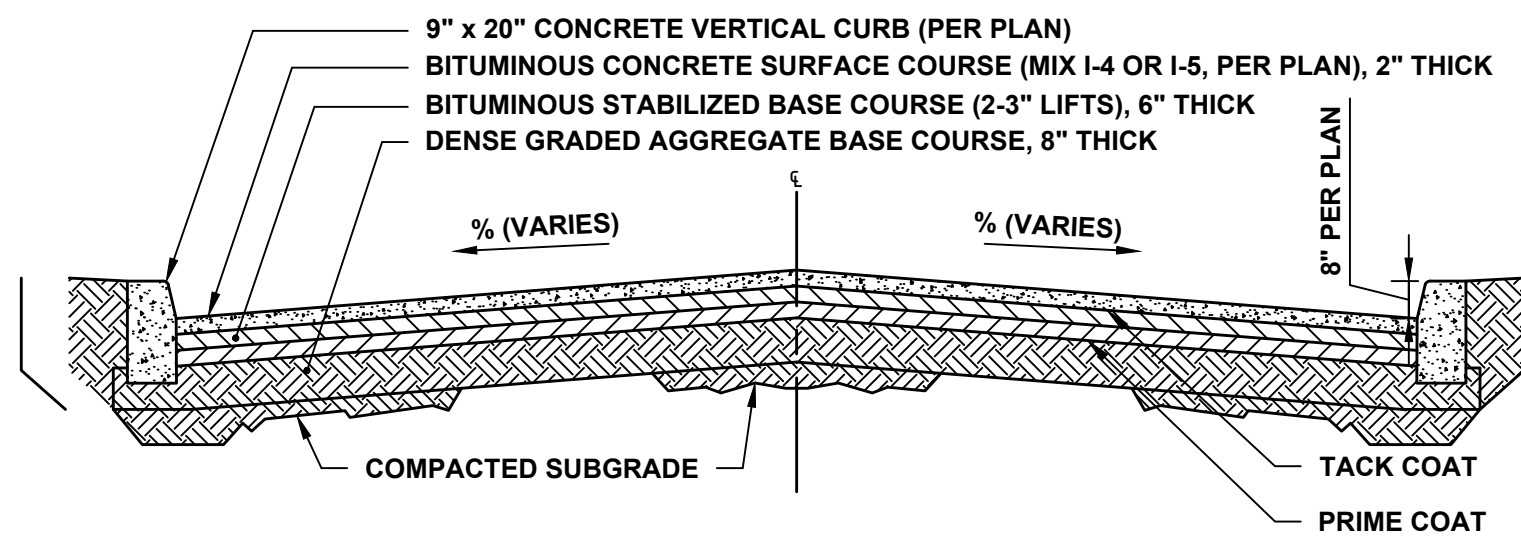
**DEPRESSED CURB**  
N.T.S.



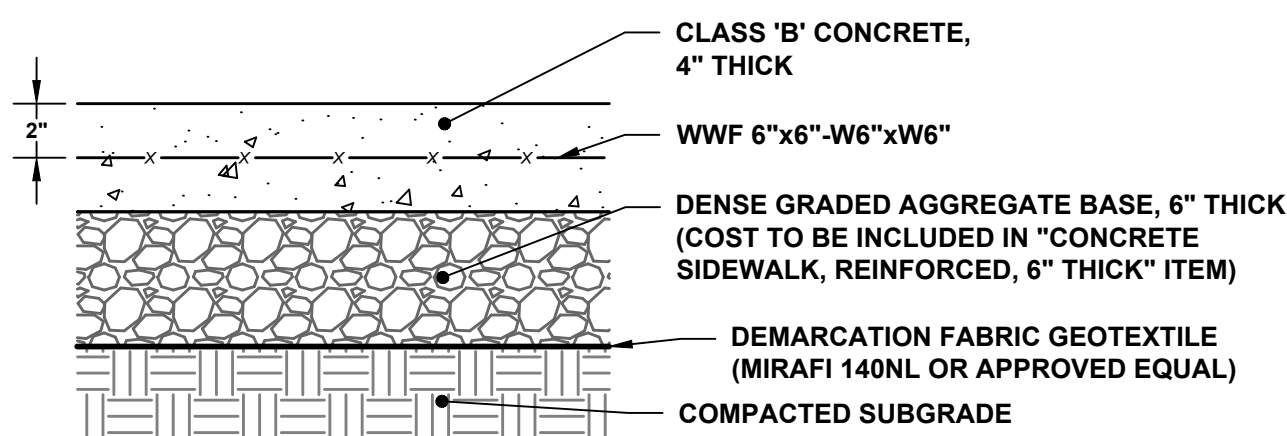
**HOT MIX ASPHALT PAVEMENT, FULL DEPTH**  
N.T.S.



**BERGEN COUNTY DEPRESSED CURB**  
N.T.S.



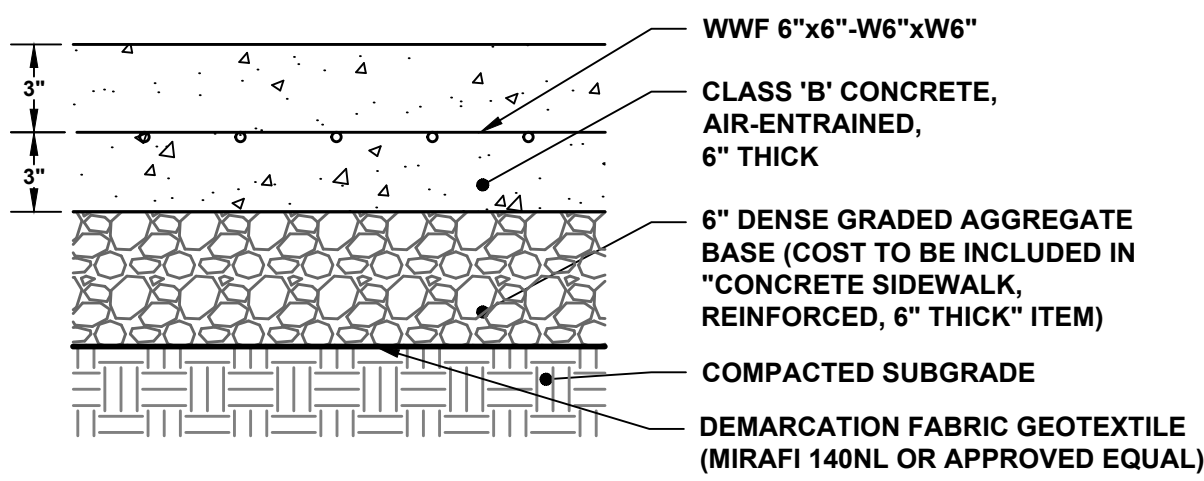
**BERGEN COUNTY ASPHALT PAVEMENT**  
N.T.S.



NOTES:

- SUBBASE SHALL BE COMPACTED TO THE SATISFACTION OF THE ENGINEER.
- EXPANSION JOINTS OF 1/2" WIDE BITUMINOUS CELLULAR TYPE JOINT FILLER WILL BE PROVIDED EVERY 12' MAX IN BOTH DIRECTIONS.
- LONGITUDINAL JOINTS, 1/4" WIDE, SHALL BE PROVIDED BETWEEN CURBS AND ABUTTING SIDEWALKS/BLEACHER PADS, ETC AND SHALL BE FILLED WITH PREMOLDED BITUMINOUS TYPE JOINT FILLER.
- TRANSVERSE SURFACE GROOVES SHALL BE CUT IN SIDEWALKS BETWEEN EXPANSION JOINTS AT INTERVALS EQUAL TO THE SIDEWALK WIDTH.
- ALL CONCRETE SHALL BE CLASS "B" AIR ENTRAINED.
- ALL JOINTS AND EDGES ARE TO BE TOOLED.
- SURFACE SHALL BE BRUSHED TRANSVERSELY TO A NEAT FINISH.
- LIQUID MEMBRANE FORMING COMPOUND SHALL BE APPLIED IN COMPLIANCE WITH N.J.D.O.T. SPECS.
- SCORING JOINTS WILL BE 10'x10' DIAGONAL GRID PATTERN.

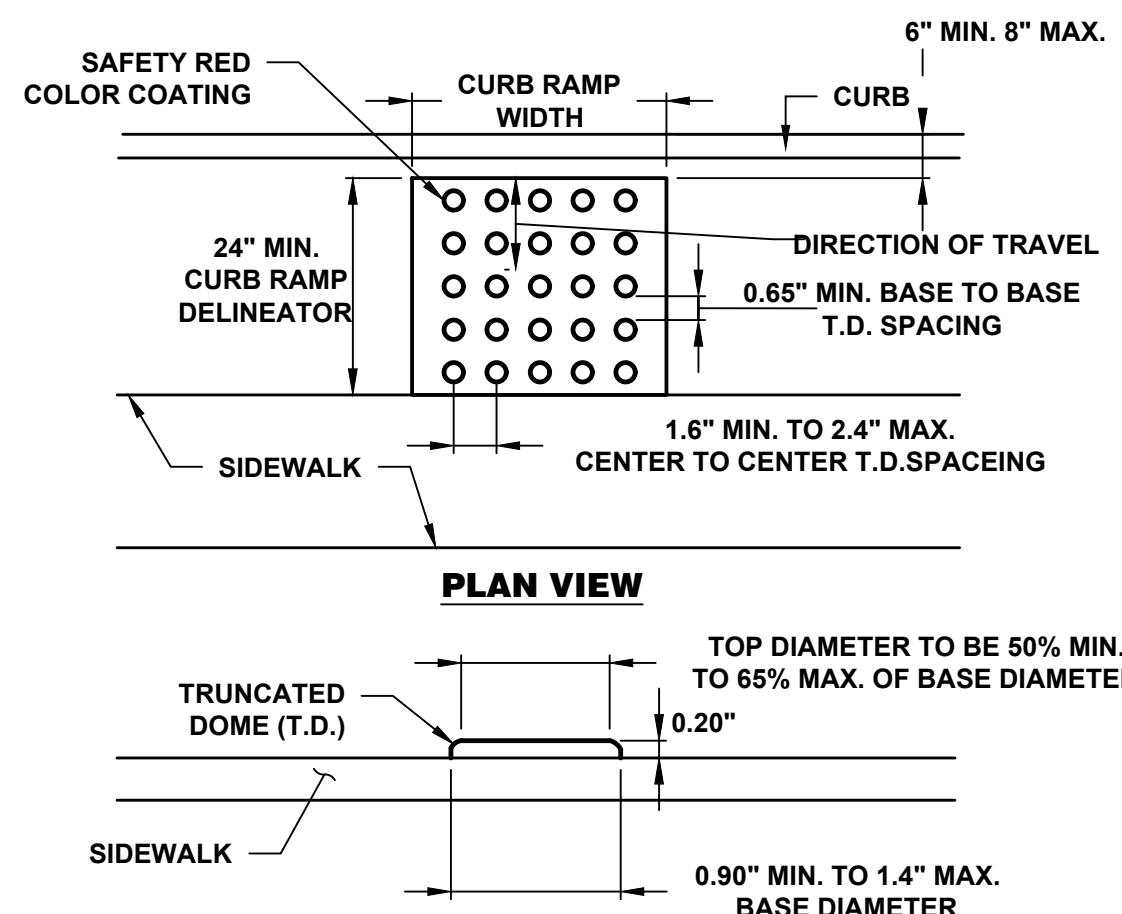
**CONCRETE SIDEWALK, 4" THICK**  
N.T.S.



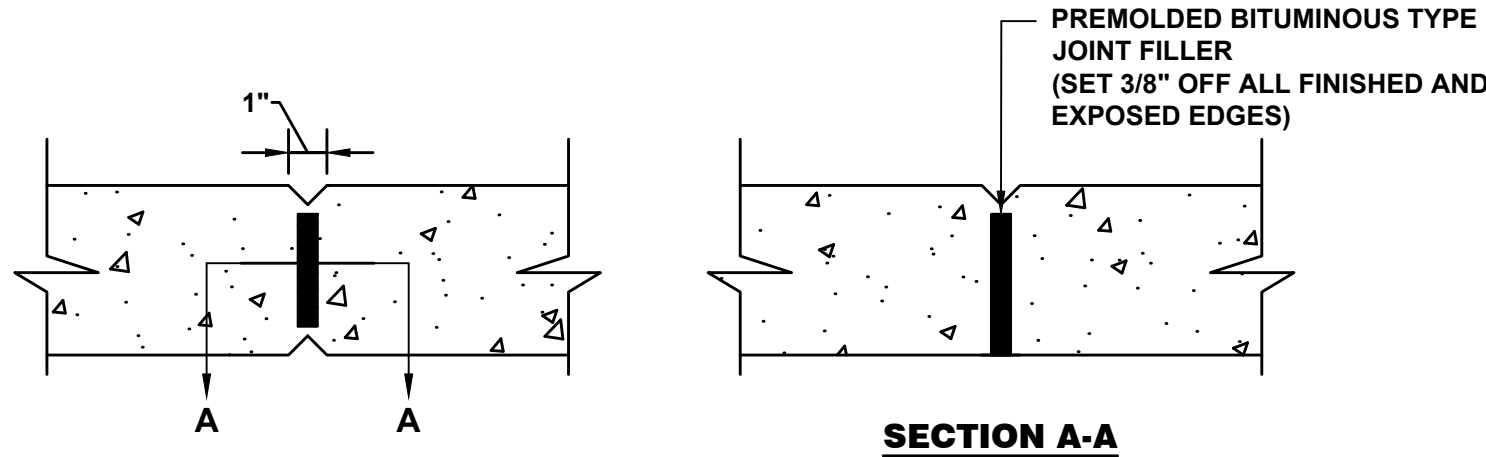
NOTES:

- SUBBASE SHALL BE COMPACTED TO THE SATISFACTION OF THE ENGINEER.
- EXPANSION JOINTS OF 1/2" WIDE BITUMINOUS CELLULAR TYPE JOINT FILLER WILL BE PROVIDED EVERY 12' MAX IN BOTH DIRECTIONS.
- LONGITUDINAL JOINTS, 1/4" WIDE, SHALL BE PROVIDED BETWEEN CURBS AND ABUTTING SIDEWALKS/DRIVEWAYS, CURBS, ETC AND SHALL BE FILLED WITH PREMOLDED BITUMINOUS TYPE JOINT FILLER.
- TRANSVERSE SURFACE GROOVES SHALL BE CUT IN SIDEWALKS BETWEEN EXPANSION JOINTS AT INTERVALS AS DIRECTED BY ENGINEER DURING CONSTRUCTION.
- ALL CONCRETE SHALL BE CLASS "B" AIR ENTRAINED.
- ALL JOINTS AND EDGES ARE TO BE TOOLED.
- SURFACE SHALL BE BRUSHED TRANSVERSELY TO A NEAT FINISH.
- CONTRACTOR TO SUBMIT CONTROL AND EXPANSION JOINT LAYOUT PLAN FOR APPROVAL ON ALL CONCRETE SURFACES PRIOR TO CONSTRUCTION.

**CONCRETE SIDEWALK, REINFORCED, 6" THICK**  
N.T.S.



**TRUNCATED DOMES  
DETECTABLE WARNING SURFACE**  
N.T.S.



NOTES:

- EXPANSION JOINTS SPACED EVERY 6'-8' O.C.
- V-NOTCH TO BE CAST IN PLACED, NOT TOOLED.
- PLACE AT CRITICAL LOCATIONS SUCH AS FENCE POSTS AND CORNERS.

**CONCRETE CURB EXPANSION JOINT**  
N.T.S.

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REVISED PER NJDEP COMMENTS		B	11/15/2023	JNP	RPC	
REVISED PER NJDEP COMMENTS		A	08/18/2023	JNP	BMD	

DRAWN BY:	JNP	06/01/2023
CHECKED BY:	BMD	06/01/2023
CHECKED BY:		

ERIN B. ABLINE, PE  
NJ PROFESSIONAL ENGINEER  
LICENSE NO. 24GE05524500

DATE: 06/01/2023

DAREN J. PHIL, PE NJ PROFESSIONAL ENGINEER LICENSE NO. 24GE03619100
DATE: 06/01/2023

**SC** SUBURBAN CONSULTING ENGINEERS, INC.

COA NO.: 24GA28037500  
410100009250

- Civil Engineers - Municipal Engineers -  
- Landscape Architects -  
- Planners - Environmentalists - Land Surveyors -

96 US Highway 206, Suite 101  
Flanders, NJ 07836 - 973.398.1776

2430 Highway 34, Bldg. A Suite 1R  
Wall, NJ 08736 - 732.282.1776

505 Main Street, Suite 314  
Hackensack, NJ 07601 - 201.646.1776

EXCELLENCE ♦ ECONOMY ♦ ENVIRONMENT

PROJECT NUMBER: SCE-RB7448-D05	
DRAWING NUMBER: CD100	
SHEET NUMBER: 10 OF 18	
SCALE: AS NOTED	REV. B

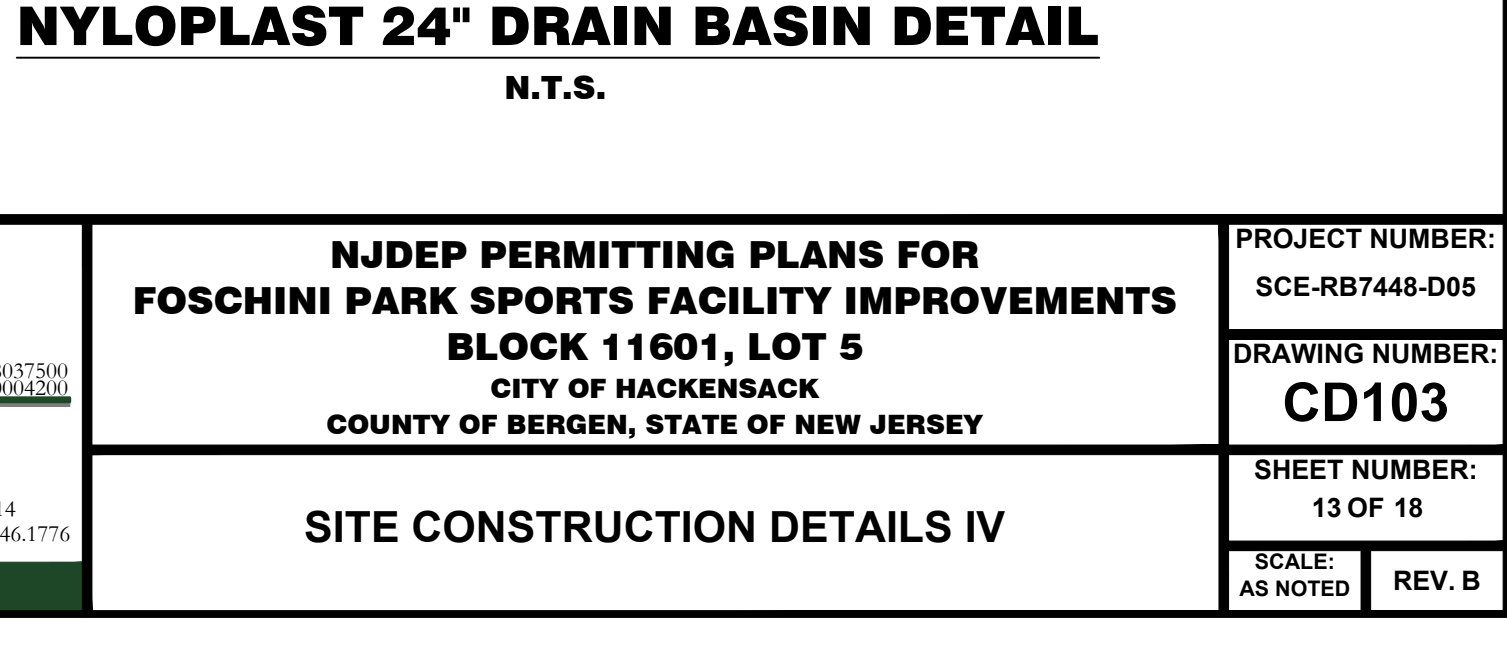
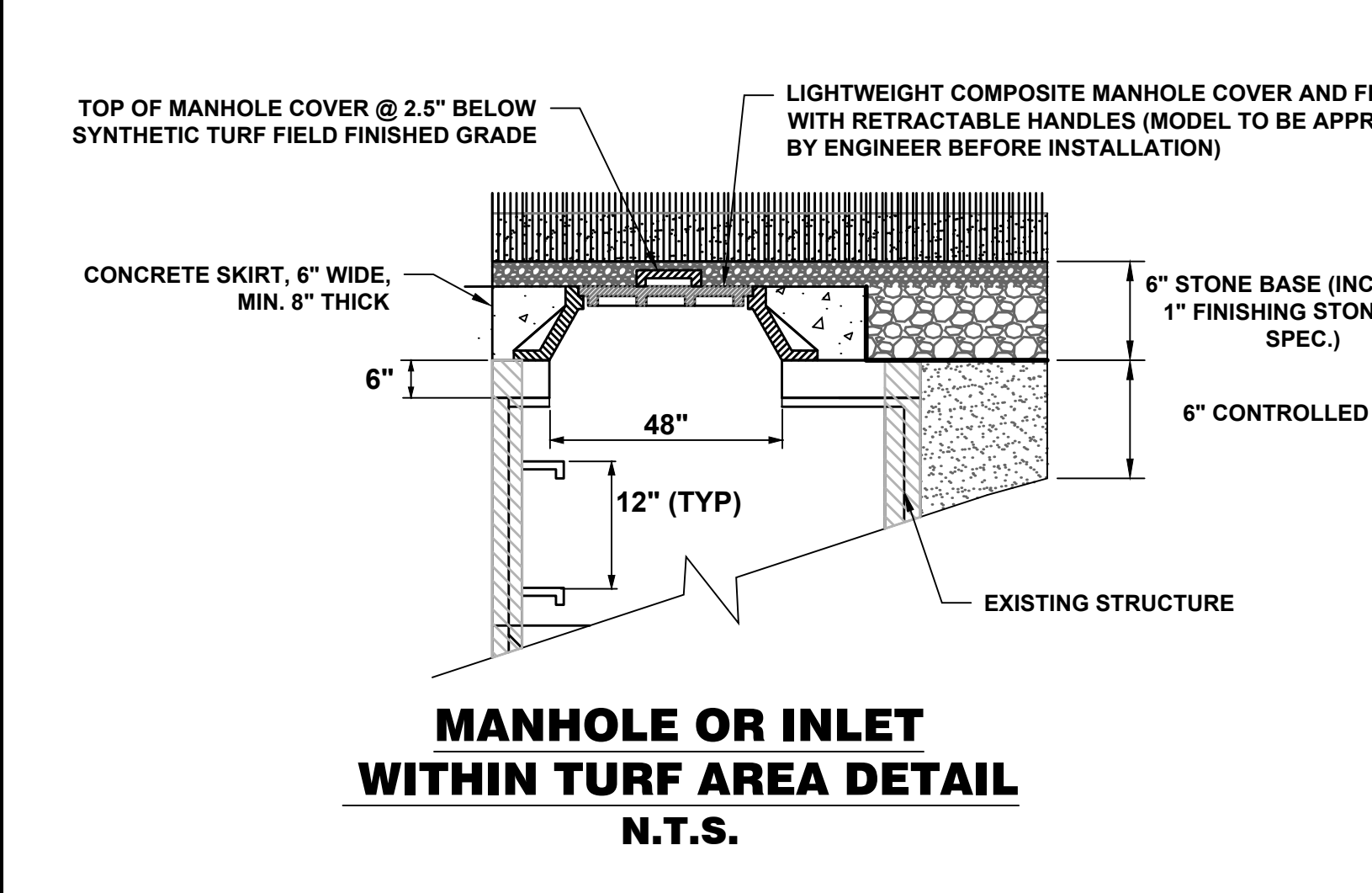
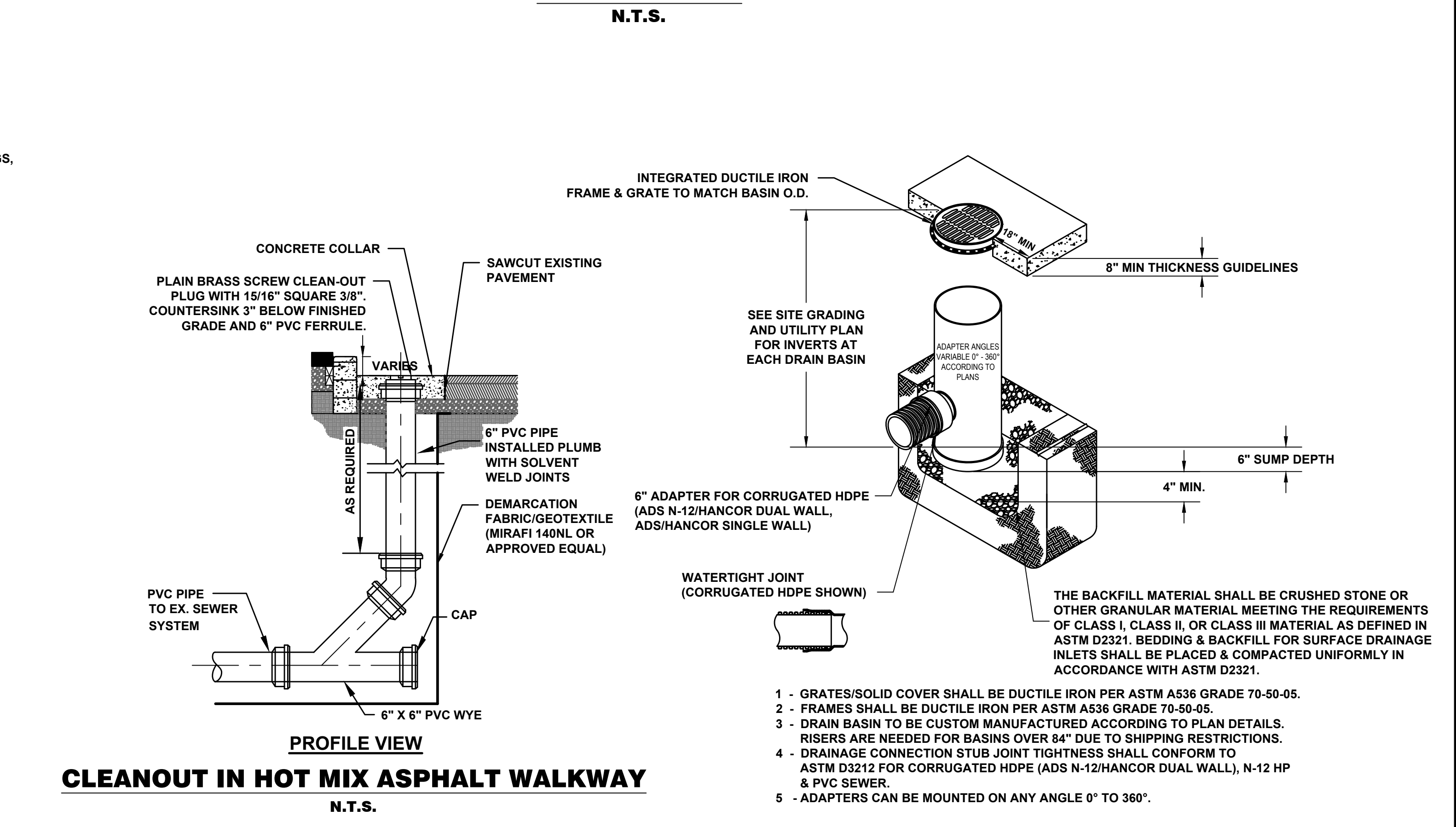
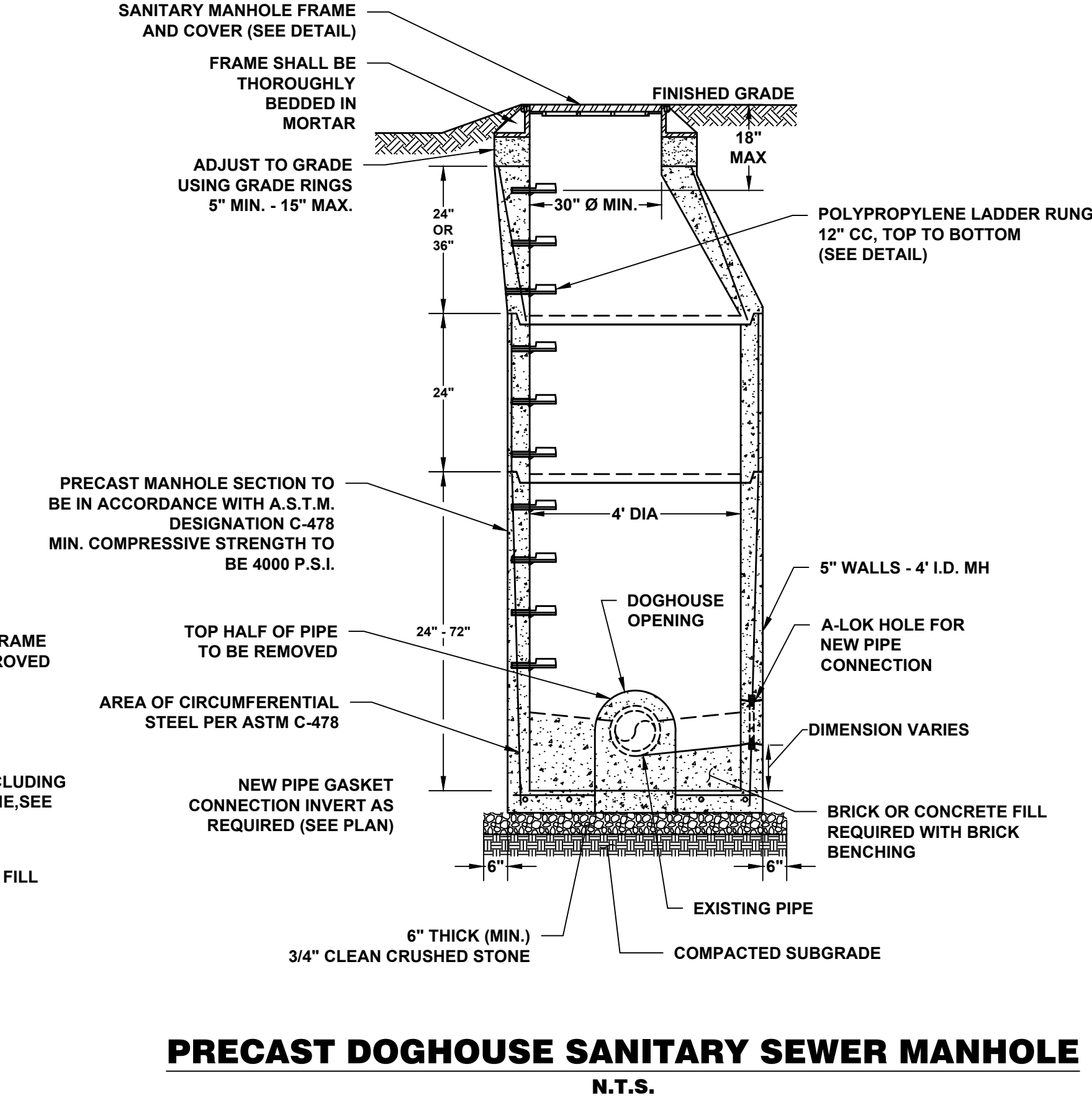
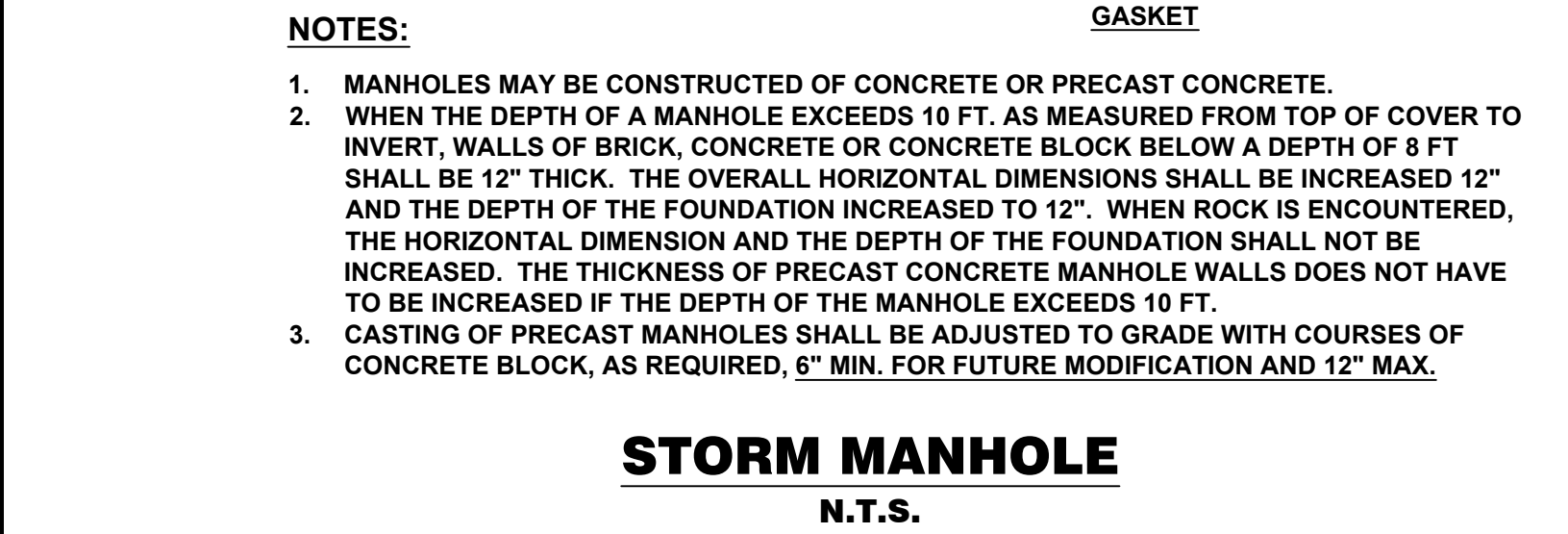
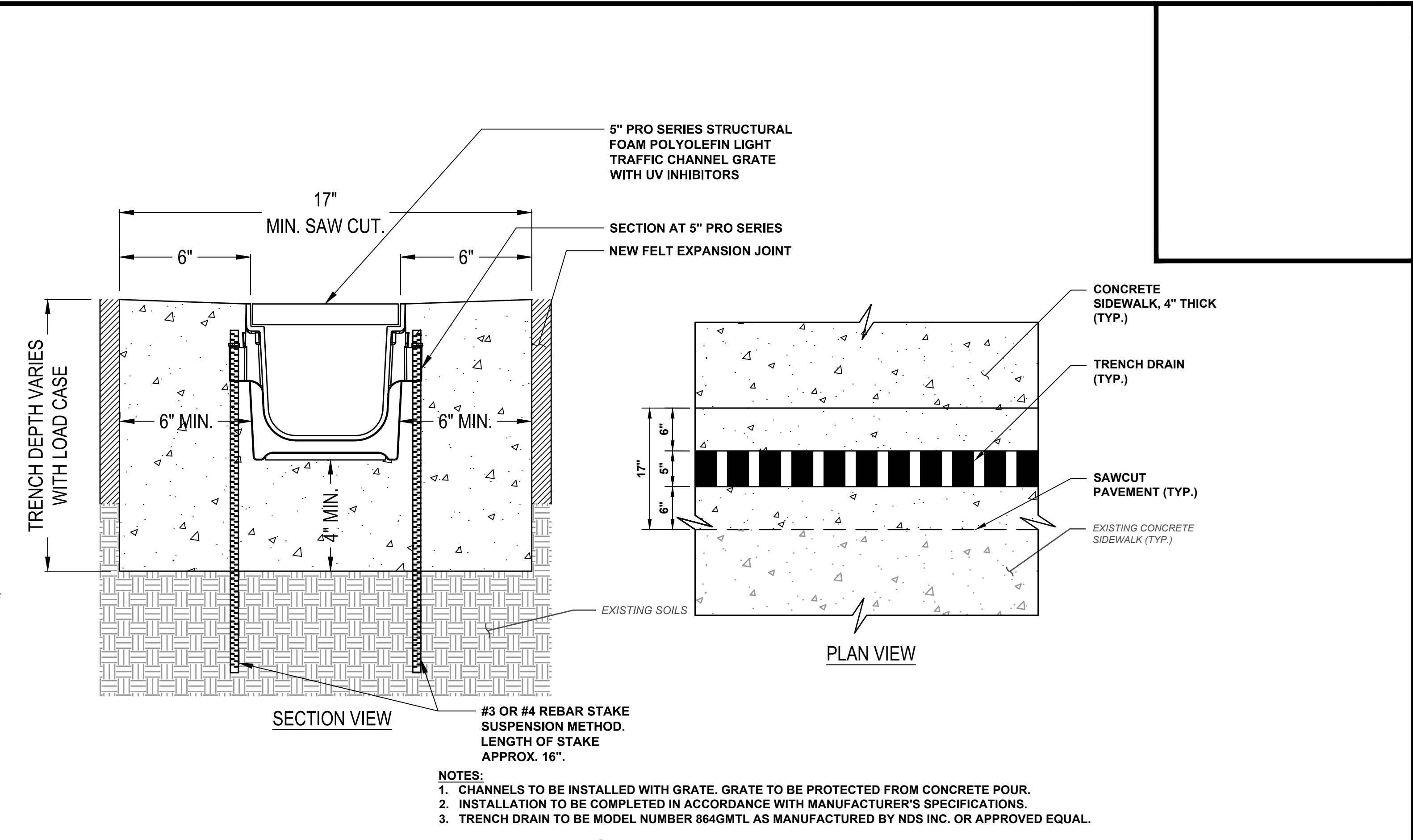
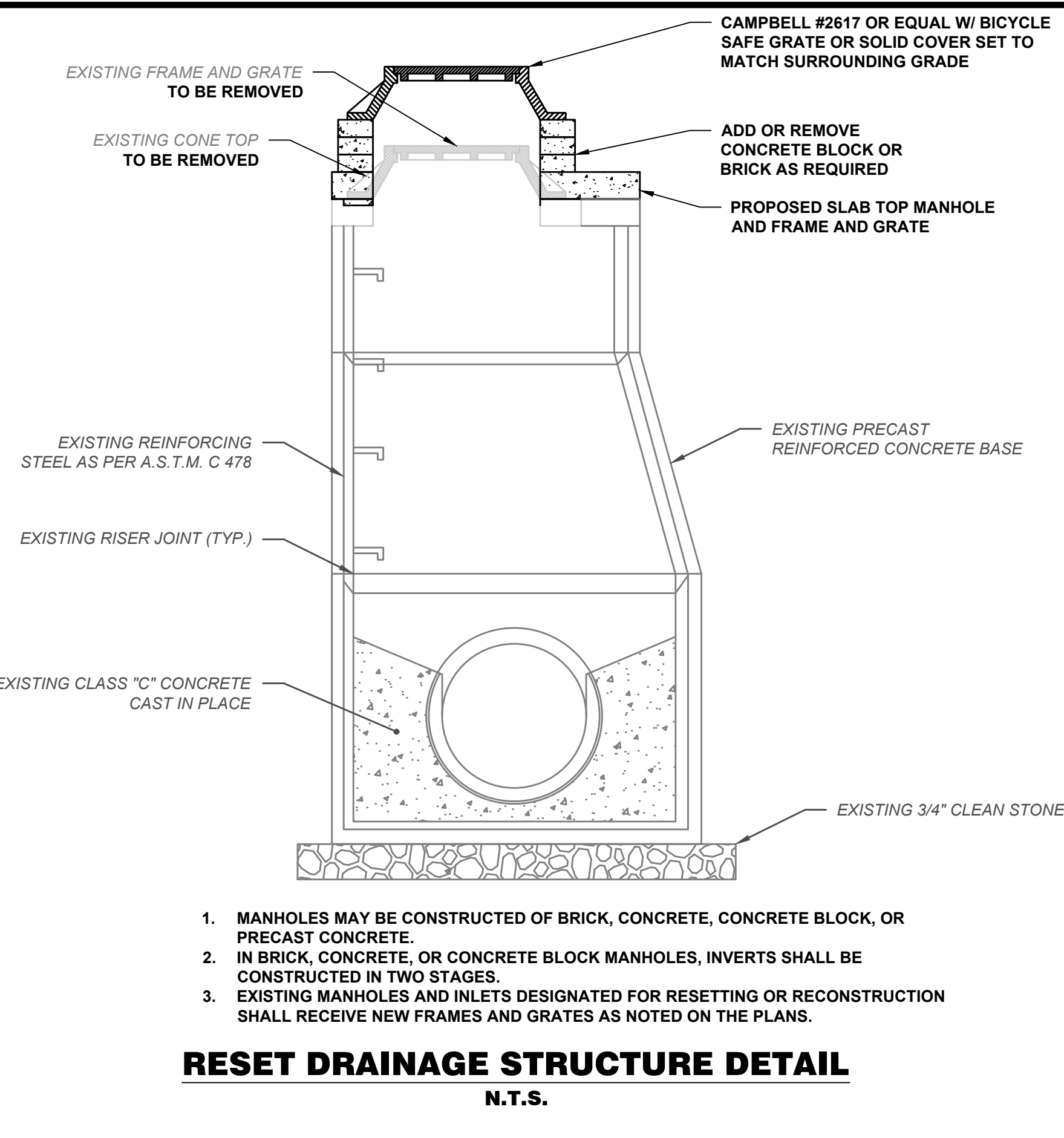
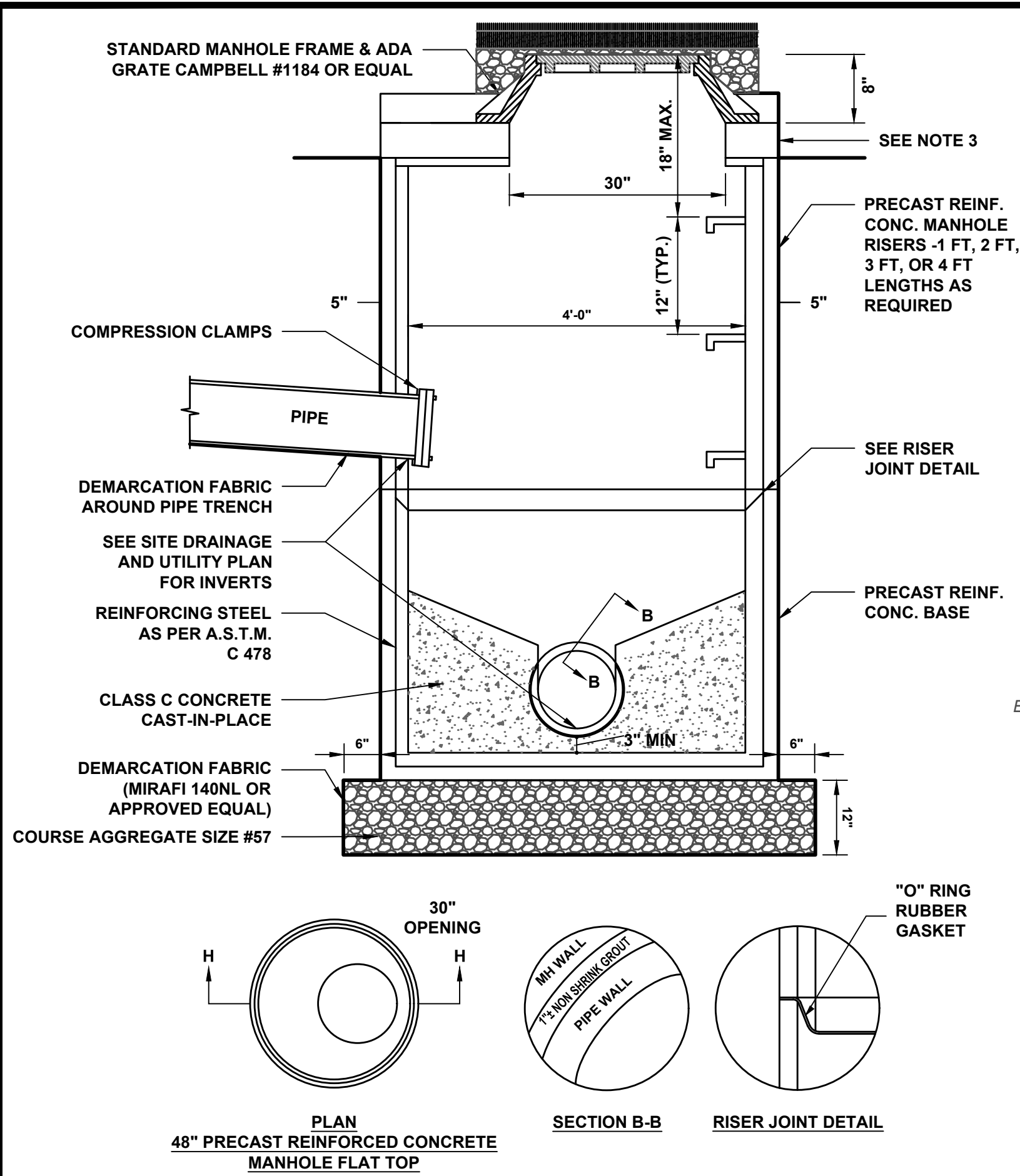
**NJDEP PERMITTING PLANS FOR  
FOSCHINI PARK SPORTS FACILITY IMPROVEMENTS  
BLOCK 11601, LOT 5  
CITY OF HACKENSACK  
COUNTY OF BERGEN, STATE OF NEW JERSEY**


**SITE CONSTRUCTION DETAILS I**





C:\Engineering\SCE\Hackensack\7448 Hackensack\7448.D05 FOSCHINI Park\RB7448.D05 - NJDEP Permitting\Plan\Set\RB7448.D05\_CD100\_ConstructionDetails.dwg Wed, Nov 15, 2023 - 10:29am jparlato SUBURBAN CONSULTING ENGINEERS, INC.



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G:\Engineering\SCE\Hackensack\7448.D05 Foshchini Park\RB7448.D05 - NJDEP Permitting\Plan\Set\RB7448.D05\_CD100\_ConstructionDetails.dwg Wed, Nov 15, 2023 - 10:29am jparado SUBURBAN CONSULTING ENGINEERS, INC.

## LANDSCAPE ARCHITECTURAL NOTES

### GENERAL NOTES

- THIS PLAN TO BE USED FOR LANDSCAPE DEVELOPMENT PURPOSES ONLY.
- EXAMINE ALL ENGINEERING DRAWINGS AND FIELD CONDITIONS FOR SPECIFIC LOCATIONS OF UTILITIES, STRUCTURES, ETC. NOTIFY THE ENGINEER IMMEDIATELY REGARDING ANY DISCREPANCIES OR LOCATION CONFLICTS PRIOR TO PLANTING.
- IN THE EVENT THAT PLANT QUANTITY DISCREPANCIES OR MATERIAL OMISSIONS OCCUR IN THE PLANTING SCHEDULE, THE PLAN SHALL SUPERSEDE.
- ALL PLANT MATERIALS, PLANTING PRACTICES AND SPECIFICATIONS SHALL BE IN ACCORDANCE WITH THE AMERICAN STANDARD FOR NURSERY STOCK PROMULGATED BY THE AMERICAN ASSOCIATION OF NURSERYMEN STANDARDS AND SHALL MEET OR EXCEED THE REQUIREMENTS OF THE LOCAL MUNICIPAL ORDINANCES AND ANSI Z-60.1 (CURRENT VERSION). IN THE EVENT OF CONFLICTS BETWEEN A.A.N. AND MUNICIPAL STANDARDS, THE MUNICIPAL REQUIREMENTS SHALL SUPERSEDE.
- ALL LANDSCAPING SHALL BE PLANTED AS TO NOT TO INTERFERE WITH UTILITY LINES, SIGHT TRIANGLES, UNDERGROUND UTILITIES, OR PUBLIC WALKWAYS OR OTHER EXISTING OR PROPOSED STRUCTURES. ALL PLANT MATERIAL REQUIRED IN SIGHT DISTANCES OR SIGHT TRIANGLE SHALL NOT EXCEED A MATURE HEIGHT GREATER THAN 30' ABOVE THE ELEVATION OF THE ADJACENT ROADWAY. STREET TREES AND SHADE TREES PLANTED NEAR PEDESTRIAN OR VEHICULAR ACCESSES, OR WITHIN REQUIRED SIGHT DISTANCES OR SIGHT TRIANGLE EASEMENTS SHALL NOT BE BRANCHED ANY LOWER THAN 6'-0" ABOVE GRADE, AND MUST BE APPROPRIATELY PRUNED. NO WOODY PLANTS, EXCEPT GROUND COVERS, ARE TO HAVE THEIR CENTERS CLOSER THAN 36" TO THE BACK OF THE CURB.
- ALL DISTURBED LAWN AREAS SHALL BE SEEDED AND FERTILIZED WITH A SUN/SHADE MIXTURE APPROVED BY THE PROJECT LANDSCAPE ARCHITECT.
- ALL PLANTING AREAS SHALL MULCHED PER SPECIFICATION REQUIREMENTS.

### PLANT MATERIAL

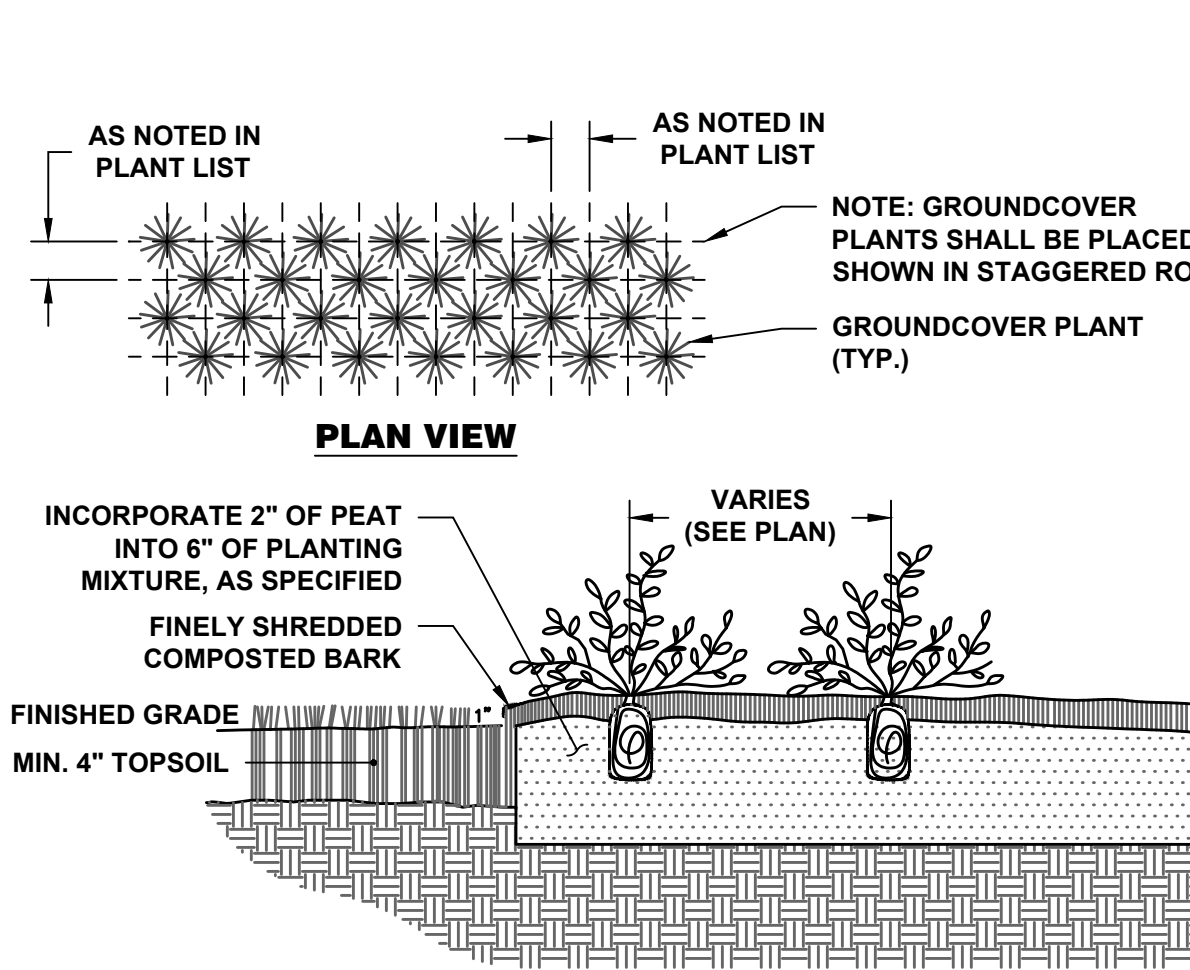
- NO PLANT SUBSTITUTION SHALL BE ALLOWED WITH REGARD TO SIZE, SPECIES, NAMED VARIETY OR CULTIVAR WITHOUT PRIOR PERMISSION OF THE PROJECT LANDSCAPE ARCHITECT AND OWNER.
- ALL PLANTS SHALL BE DUG, PACKED, TRANSPORTED AND HANDLED WITH THE UTMOST CARE TO ENSURE ADEQUATE PROTECTION FROM INJURY OR DESICCATION.
- ALL PLANTS SHALL BE FREE FROM DISEASE AND INFESTATION, AND HAVE ALL LEGALLY REQUIRED AGRICULTURAL CERTIFICATIONS.
- ALL PLANTS SHALL BE PRUNED TO ENHANCE VIGOR PRIOR TO OR UPON INSTALLATION WHILE RETAINING NATURAL GROWTH HABIT OF THE PLANTS. THE CENTRAL LEADER SHALL NOT BE CUT; PLANTS PROVIDED IN THIS CONDITION SHALL NOT BE ACCEPTED. DAMAGED, BROKEN, OR CONFLICTING BRANCHES SHALL BE PRUNED CLEANLY, FLUSH WITH THE MAIN TRUNK OR BRANCH.
- ALL PLANTS SHALL BE NURSERY-GROWN AND TAGGED WITH A DURABLE LABEL INDICATING THE GENUS, SPECIES AND SPECIFIED VARIETY OR CULTIVAR.
- TREE WIRES AND STAKES (WHERE REQUIRED) SHALL BE REMOVED ONE YEAR AFTER INSTALLATION DATE.
- ALL PLANT MATERIAL SHALL BE GUARANTEED BY THE LANDSCAPE CONTRACTOR FOR A MINIMUM OF ONE YEAR. CONTRACTOR SHALL REPLACE ANY DEAD OR DYING PLANTS IN KIND.

### PLANTING

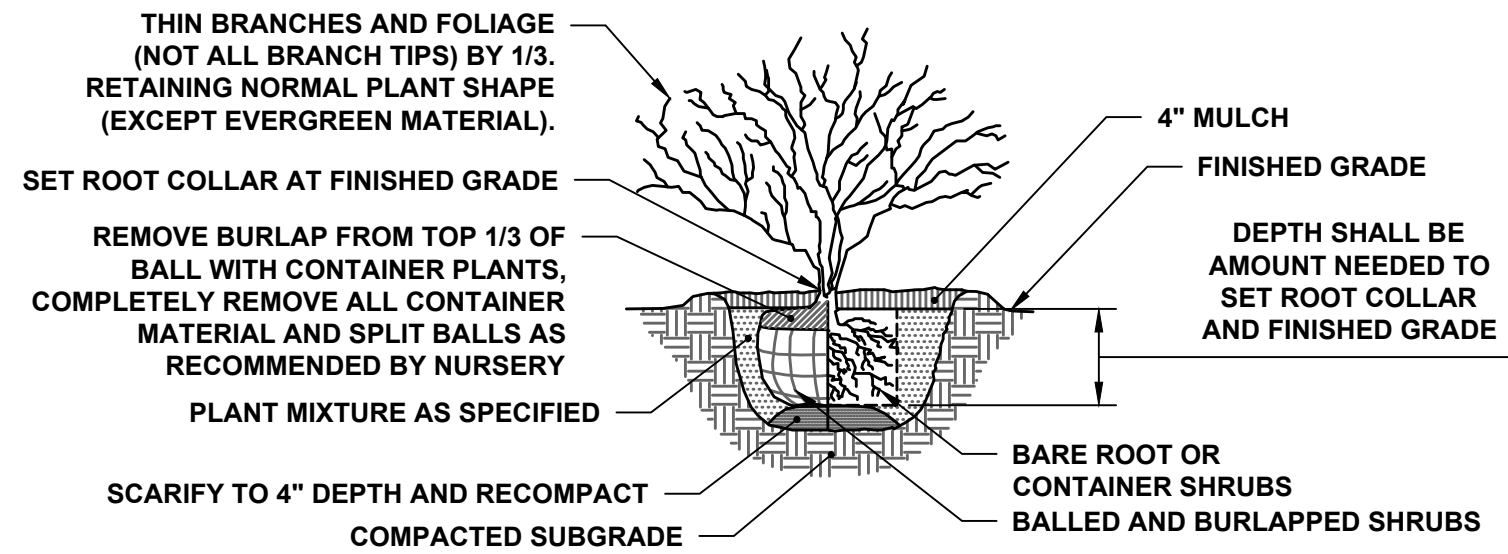
- SOIL MUST BE FROST-FREE, FRIABLE AND NOT MUDDY AT THE TIME OF PLANTING.
- ALL PROPOSED TREE PLANTING PITS SHALL BE OVEREXCAVATED TO A MIN. 3x ROOT BALL DIA. AND BACKFILLED WITH PLANTING MIX PER NOTE 3 AND PLANTING DETAILS AND SPECIFICATIONS.
- AMENDED TOPSOIL PLANTING MIX BACKFILL MATERIAL FOR PLANTING PITS SHALL BE COMPOSED OF 70% TOPSOIL, 20% FULLY COMPOSTED COW OR HORSE MANURE AND 10% PEAT MOSS. SUBSOIL PLANTING MIX BACKFILL MATERIAL SHALL BE COMPOSED OF 50% TOPSOIL AND 50% SAND. TOPSOIL SHALL MEET NJDOT 1989 STANDARD SPECIFICATIONS SECTION 909.10 AND MAY BE FROM ON-SITE OR IMPORTED SOURCES. SOIL SHALL CONTAIN NO ACIDIC MARL, NOR ANY LARGE STONES.
- PLANTS SHALL BE SET TO ULTIMATE FINISHED GRADE SO THAT THEY WILL BE LEFT IN THE RELATIONSHIP TO THE SURROUNDING GROUND AS THEY HAD PRIOR TO BEING DUG. PLANTS SHALL BE SET SO THAT THEIR CROWNS ARE APPROXIMATELY THREE INCHES ABOVE THE FINAL GRADE WITH ROOT TOPSOIL AND MULCH GENTLY MOUNDED TO AVOID EXCESSIVE DRYING AT THE SURFACE. UNDER NO CIRCUMSTANCES SHALL PLANTINGS AT RELATIVELY DRY LOCATIONS BE PERFORMED IN A MOUNDED MANNER.
- THE CORD BINDING THE BALL OF ALL BALLED AND BURLAPPED (B&B) PLANTS SHALL BE CUT AND REMOVED, AND BURLAP ON THE UPPER 1/3 OF THE ROOT BALL SHALL BE REMOVED. PLANTS WITH SYNTHETIC NON- DEGRADABLE ROOT BALL WRAPS SHALL NOT BE ACCEPTABLE. WIRE BASKETS SHALL HAVE TOP 1/2 OF BASKET REMOVED PRIOR TO BACKFILLING.
- ALL PROPOSED TREES SHALL BE SET IN BEDS MULCHED TO THE LIMIT OF THEIR PLANTING PITS. ALL PROPOSED SHRUBS SHALL BE SET IN CONTINUOUS MASSED PLANTING BEDS RATHER THAN ISOLATED INDIVIDUALS. ALL TREE, SHRUB, AND PERENNIAL/GRASS BEDS SHALL RECEIVE A 4" THICK APPLICATION OF A THOROUGHLY COMPOSTED ORGANIC MULCH, FREE OF ANY OBJECTIONABLE OR FOREIGN MATERIALS, WITH THE EXCEPTION OF PLANTING BEDS WITHIN THE BEACH SAND AREA. PLANTING BEDS WITHIN THE BEACH SAND AREA SHALL RECEIVE A 4" THICK APPLICATION OF SAND.

### MAINTENANCE

- ALL PLANTINGS SHALL BE WATERED AS NECESSARY FOLLOWING SOUND HORTICULTURAL PRACTICE DURING THE FIRST GROWING SEASON TO ENSURE THEIR PROPER ESTABLISHMENT.
- ALL DISTURBED AREAS BEYOND THE LIMITS OF THE MULCHED PLANTING BEDS SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AND PERMANENTLY STABILIZED WITH TURFGRASSES WITH A SEED MIX BLEND APPROPRIATE FOR SUN AND SHADE LOCATIONS.
- IN GENERAL, SHRUBS ARE TO BE PLANTED AT INTERVALS WHICH WILL ALLOW THEM TO FULLY DEVELOP INTO CONTINUOUS MASSES OF THE INDIVIDUAL SPECIES. THEREFORE, NO PRUNING TO SHAPE OR SHEARING IS REQUIRED OR DESIRABLE. WHERE DEAD OR CONFLICTING BRANCHING DEVELOPS, IT SHOULD BE PRUNED OUT.
- ALL TREES SHALL HAVE "GATOR BAGS" INSTALLED ON THEM AND SHALL BE KEPT FULL OF WATER TO ENSURE PROPER HYDRATION OF THE PLANT MATERIAL FOR THE FIRST TWO GROWING SEASONS.



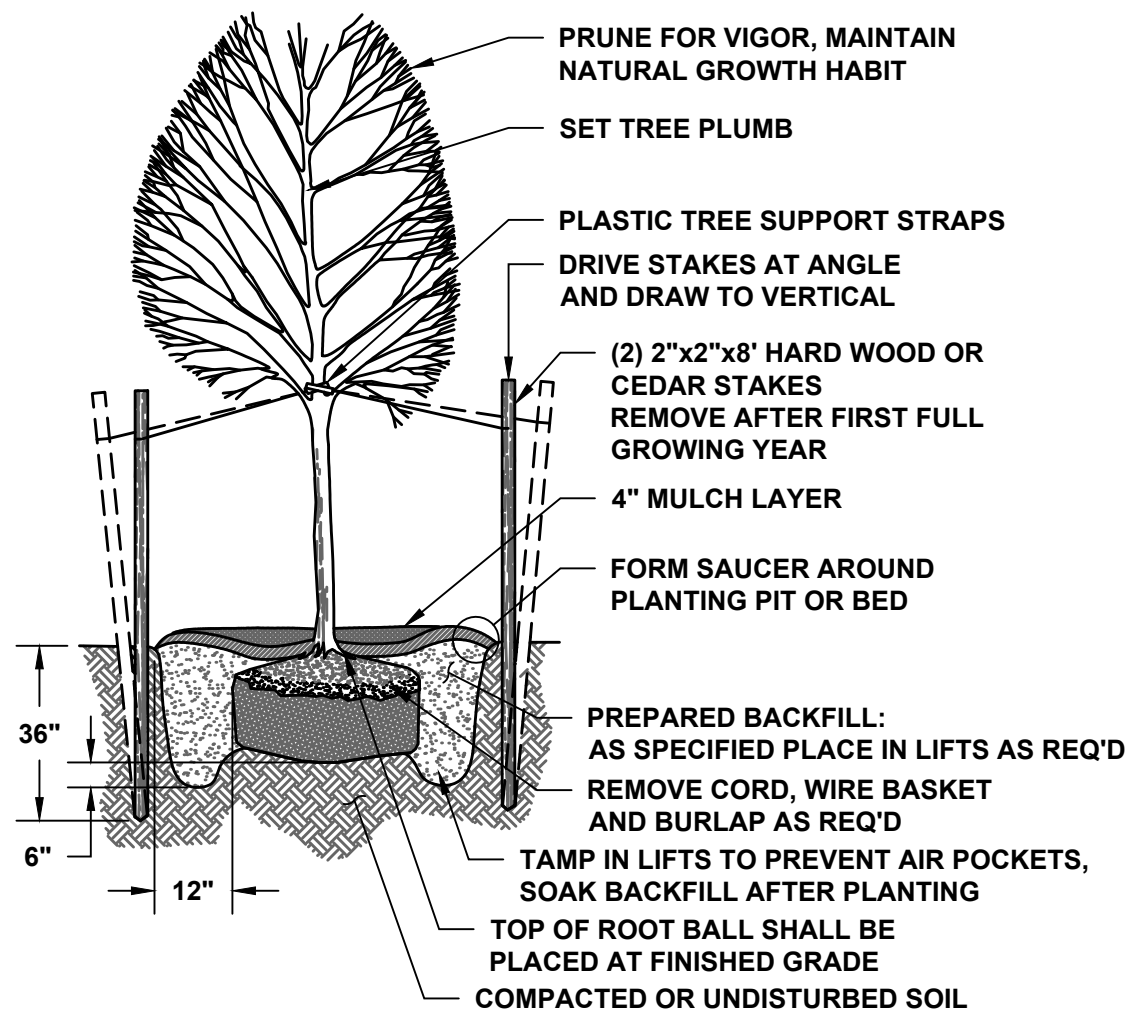
### GROUND COVER/PERENNIAL PLANTING DETAIL N.T.S.



#### NOTES:

- MAINTAIN SAME GROUND LINE AS IN NURSERY.
- DO NOT PRUNE EVERGREEN SHRUBS EXCEPT TO REMOVE DEAD AND BROKEN BRANCHES.

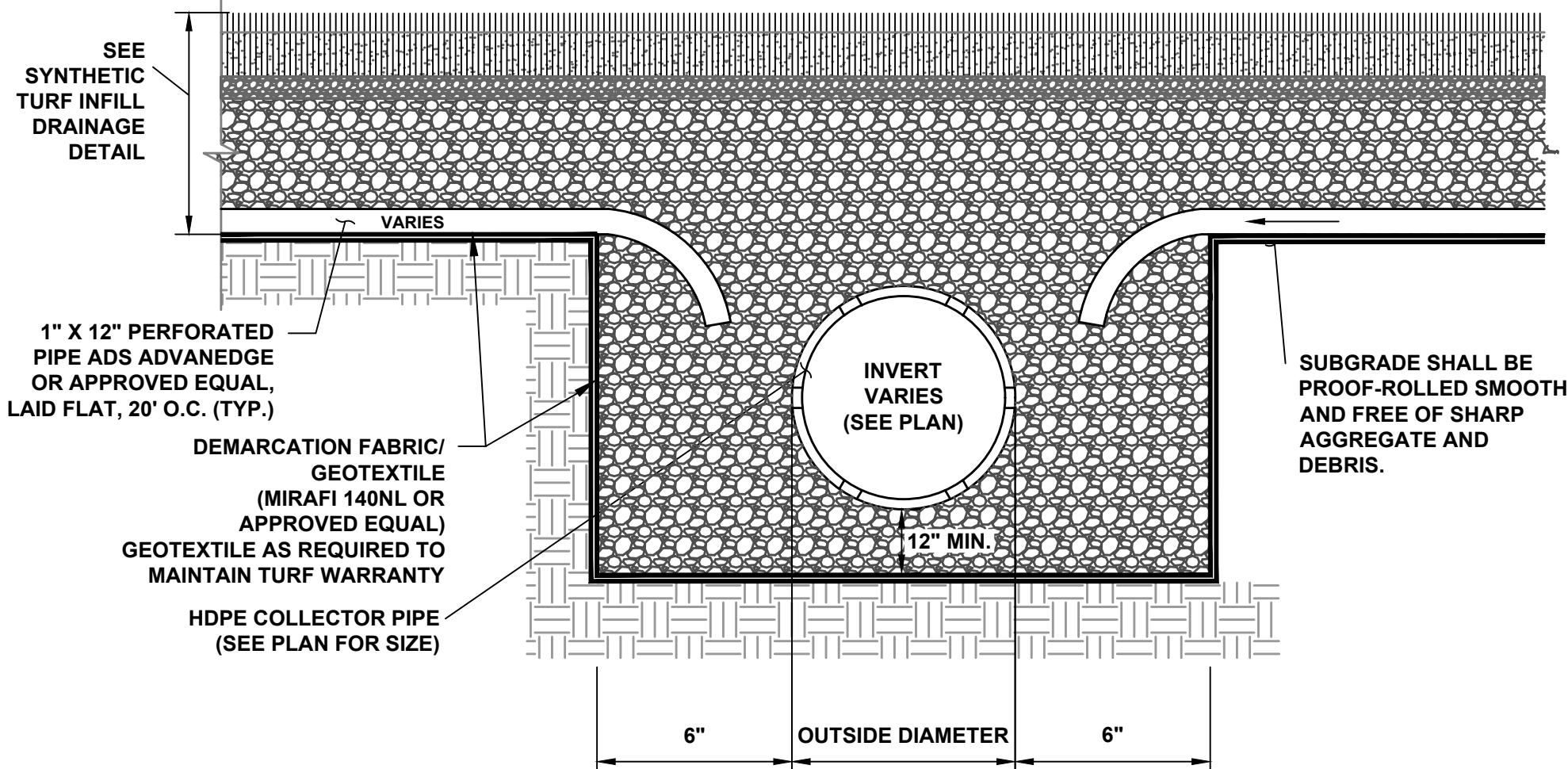
### SHRUB/GRASS PLANTING DETAIL N.T.S.



#### NOTE:

CONTRACTOR SHALL SUPPLY AND INSTALL GATOR BAGS ON ALL TREE MATERIAL.

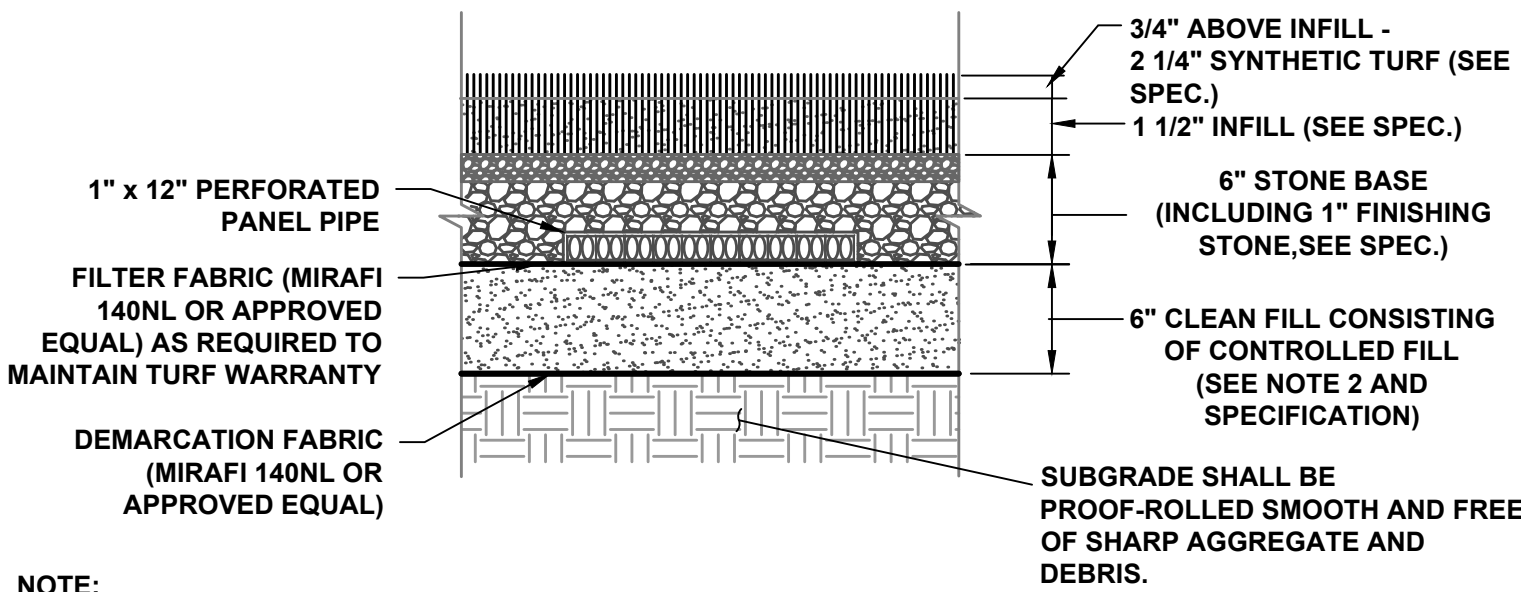
### DECIDUOUS TREE PLANTING N.T.S.



#### NOTE:

- THE CONTRACTOR IS RESPONSIBLE FOR PERFORMING AN AS-BUILT SURVEY OF THE FINISHED BASE GRADES FOR REVIEW AND APPROVAL BY THE ENGINEER AND SITE LSRP PRIOR TO THE INSTALLATION OF THE SYNTHETIC TURF. ANY MODIFICATIONS TO THE BASE FOLLOWING THIS REVIEW REQUIRED TO MEET THE QUALITY AND TOLERANCES DESCRIBED IN THE SPECIFICATIONS SHALL BE PERFORMED IMMEDIATELY BY THE CONTRACTOR IN ORDER TO AVOID DELAYS FOR TURF INSTALLATION.
- CONTRACTOR IS RESPONSIBLE FOR COMPACTION TESTING THE SUB-BASE THROUGH A THIRD PARTY TESTING FACILITY AT A MINIMUM OF TEN LOCATIONS WITHIN THE FIELD AREA APPROVED BY THE OWNER OR THE OWNER'S REPRESENTATIVE AND THREE POINTS AROUND SUBSURFACE CONCRETE STRUCTURES. TESTING TO BE PERFORMED WITH NUCLEAR DENSITY TESTING EQUIPMENT AND MUST MEET 95% PROCTOR DENSITY. ALL TESTING NEEDS TO BE REVIEWED AND APPROVED BY THE ENGINEER PRIOR TO INSTALLATION OF SYNTHETIC TURF SYSTEM.
- BASE SURVEY TO BE APPROVED BY LSRP PRIOR TO INSTALLATION OF THE STONE BASE.

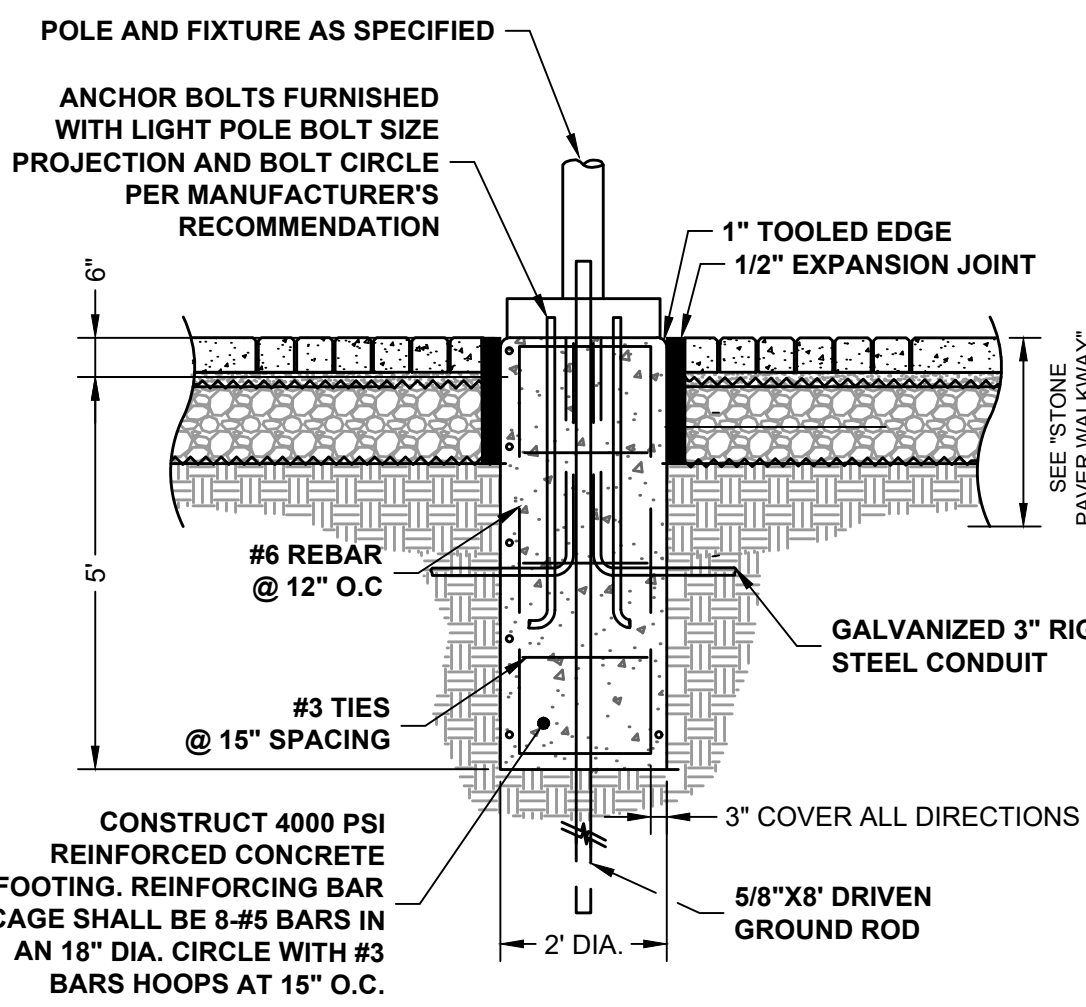
### SYNTHETIC TURF SYSTEM N.T.S.



#### NOTE:

- CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARATION OF THE BASE TO RECEIVE THE SYNTHETIC TURF SURFACE AS DESCRIBED IN THE SPECIFICATIONS. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR PERFORMING AN AS-BUILT SURVEY OF THE FINISHED BASE GRADES FOR REVIEW AND APPROVAL BY THE ENGINEER AND SITE LSRP. ANY MODIFICATIONS TO THE BASE FOLLOWING THIS REVIEW REQUIRED TO MEET THE QUALITY AND TOLERANCES DESCRIBED IN THE SPECIFICATIONS SHALL BE PERFORMED IMMEDIATELY BY THE CONTRACTOR IN ORDER TO AVOID DELAYS FOR TURF INSTALLATION.
- CONTROLLED FILL OPTIONS:
  - CRUSHED STONE AT 3/4" OR 1 1/2" SIZE WITH NO FINES
  - SAND AND GRAVEL WITH LESS THAN 20% PASSING THE #200 SIEVE
  - QUARRY PROCESS STONE WITH LESS THAN 20% PASSING THE #200 SIEVE

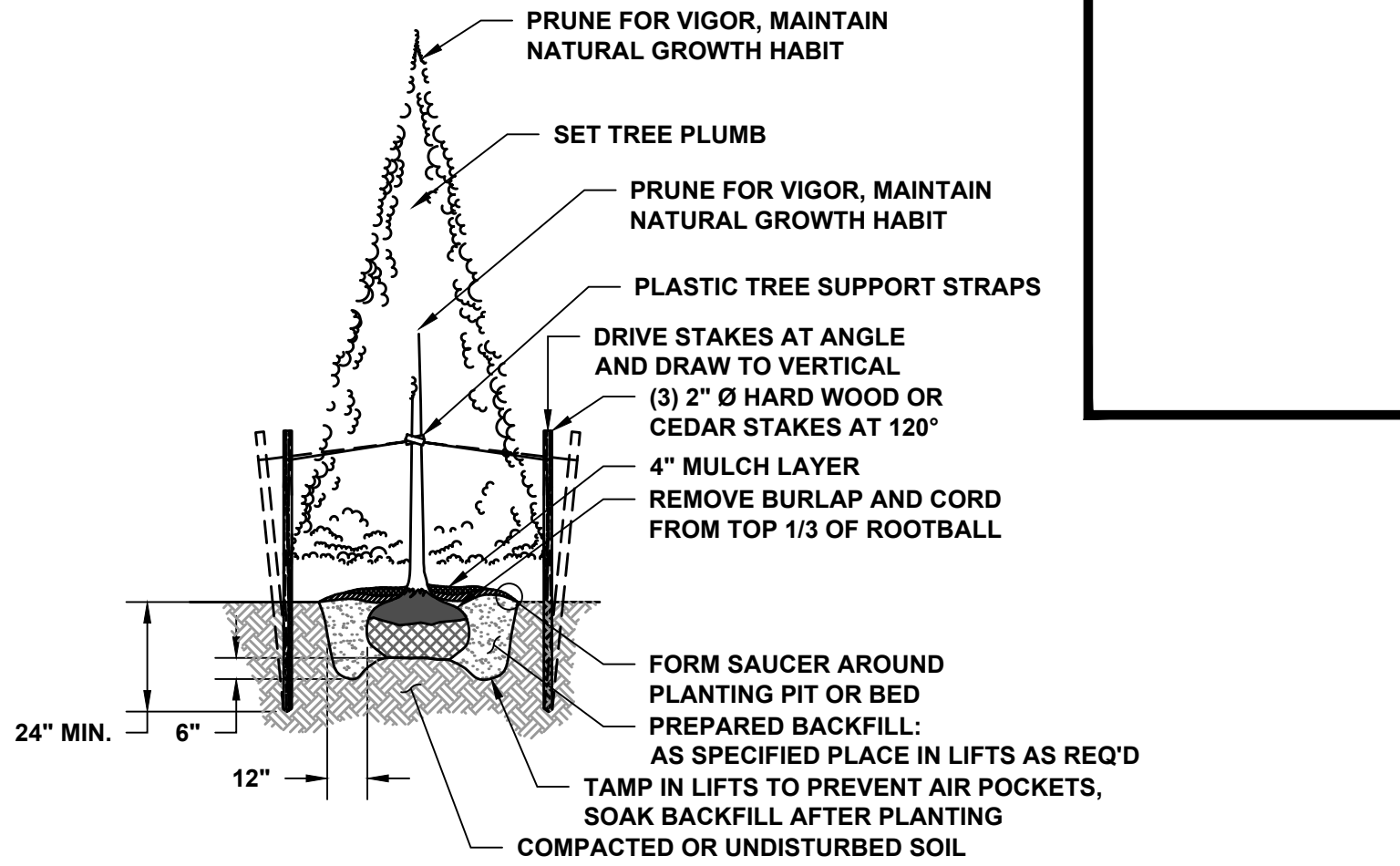
### SYNTHETIC TURF - INFILL DRAINAGE DETAIL N.T.S.



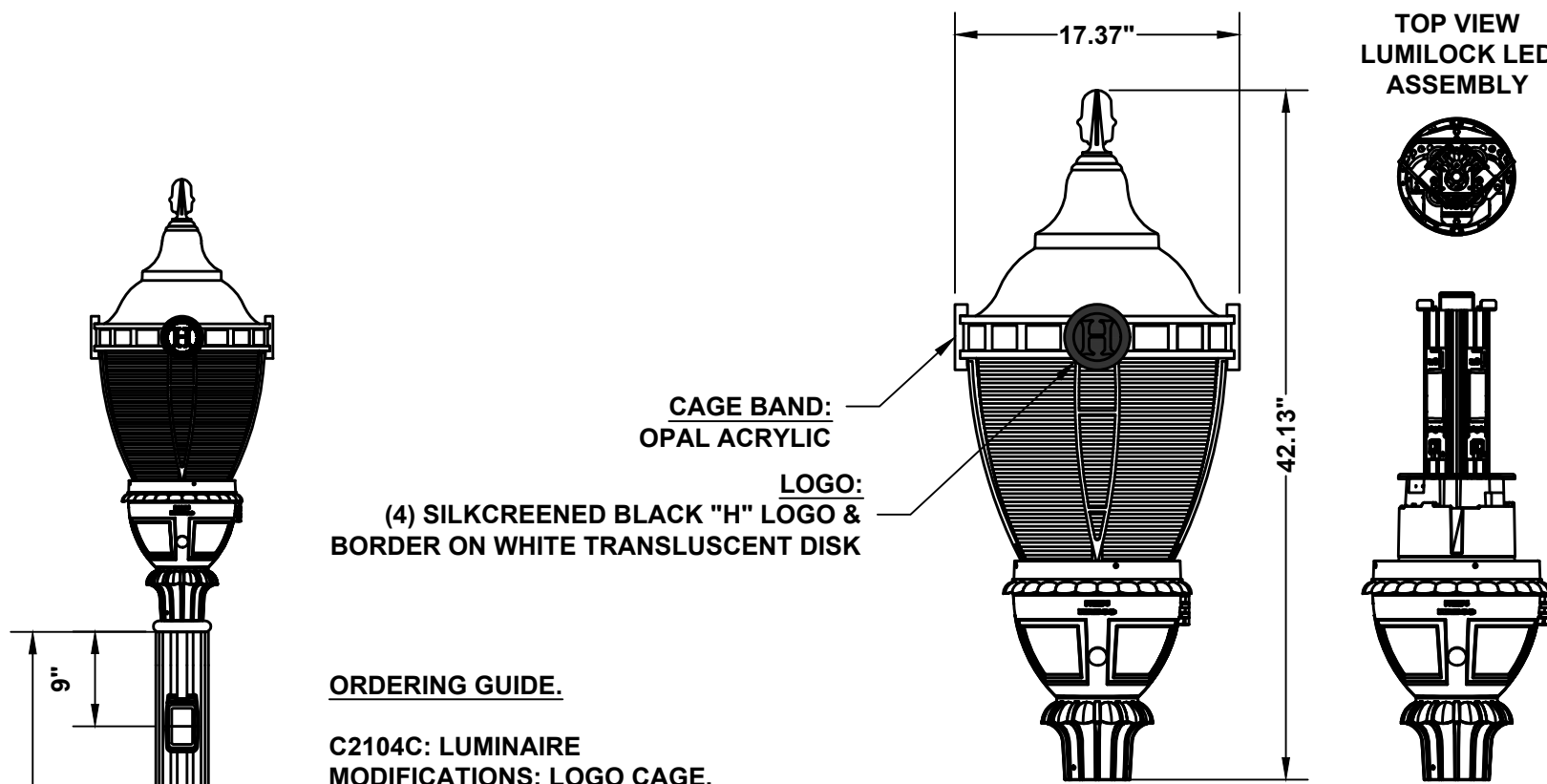
#### NOTES:

- IF FOUNDATION IS NOT LEVEL USE LEVELING WASHERS AND NUTS. IF USING GROUTING TO CONCEAL GAP BETWEEN BASE AND FOUNDATION, ALLOW FOR WATER DRAINAGE.
- ANCHOR RODS SHALL PROTRUDE 2" ABOVE BASE IS LEVEL, OR 2-3/4" IF LEVELING NUTS AND WASHERS ARE REQUIRED.
- CONTRACTOR TO MATCH BOLT PATTERN AS REQUIRED FOR LIGHT ASSEMBLIES. ANCHOR BOLT CIRCLE PATTERN SHALL BE PROVIDED BY PSE&G. ANCHOR BOLTS SHALL BE PROVIDED BY CONTRACTOR.
- CONTRACTOR TO COORDINATE WITH PSE&G TO DETERMINE FINAL CONDUIT ROUTING AND SERVICE LOCATIONS. ALL CONDUIT TO BE INSTALLED AS DIRECTED BY PSE&G.

### DECORATIVE LED LIGHT FIXTURE FOUNDATION N.T.S.



### CONIFEROUS TREE PLANTING N.T.S.



#### ORDERING GUIDE:

C2104C: LUMINAIRE MODIFICATIONS: LOGO CAGE. CA2104A: TWIN BANNER ARM CP2104A: POLE ASSEMBLY MODIFICATIONS: CUSTOM TENON, OUTLET WITH CLEAR IN-USE COVER 9" DOWN FROM TOP OF POLE

POLE ASSEMBLY: MODIFIED, 5" ROUND STRAIGHT FLAT FLUTED ALUMINUM WITH CUSTOM 3" O.D. TENON, 0.188"-0.267" WALL THICKNESS, 120V SINGLE OUTLET WITH CLEAR IN-USE COVER (SEE POLE ORIENTATION FOR LOCATION), CAST ALUMINUM BASE WITH ACCESS DOOR

FASTENERS: HEX HEAD BOLTS WITH LOCKING NUTS

COLOR: BLACK

POD PHOTO CONTROL: 3-PIN RECEPTACLE

DIMMING CONTROLS: NONE

#### LUMILOCK LED SPECIFICATIONS:

- 64, 4000K (NEUTRAL) LEDs, TYPICAL 75 COLOR RENDERING INDEX (CRI), >100,000 HOURS OF OPERATIONAL LIFE (AT 25°C AMBIENT TEMPERATURE & 70% LUMEN MAINTENANCE), INJECTION MOLDED TYPE V WIDE OPTICAL PLATES, IP66 RATED OPTICAL SYSTEM.
- INTEGRAL PHILLIPS ADVANCE XITANIUM LED DRIVER, CLASS 1, IP66 RATED, 350MA, 0-12V DIMMING, INTELLIVOLT 120-277 VAC, 50-60HZ, ROHS COMPLIANT, FIELD REPLACEABLE 10KV/10KA SURGE SUPPRESSION.
- DELIVERED LUMENS: 6811, WATTAGE: 69W

#### LUMILOCK CERTIFICATIONS:

- ETL/cETL LISTED TO U.S. & CANADIAN SAFETY STANDARDS FOR WET LOCATIONS, MANUFACTURED TO ISO 9001:2008 STANDARDS, VIBRATION TESTED TO ANSI C136.31 FOR NORMAL APPLICATIONS, UL8750 & UL1598 COMPLIANT, LM79 & LM80 TESTED, DLC LISTED.

### DECORATIVE LED LIGHT FIXTURE (TO BE PROVIDED BY PSE&G) (NOT IN CONTRACT) N.T.S.

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REVISIONS				
NO.	DATE:	BY:	CHK:	DESCRIPTION
B	11/15/2023	JNP	RPC	REVISED PER NJDEP COMMENTS
A	08/18/2023	JNP	BMD	REVISED PER NJDEP COMMENTS

DRAWN BY:	JNP
CHECKED BY:	BMD
CHECKED BY:	BMD

ERIN B. ABLINE, PE
NJ PROFESSIONAL ENGINEER
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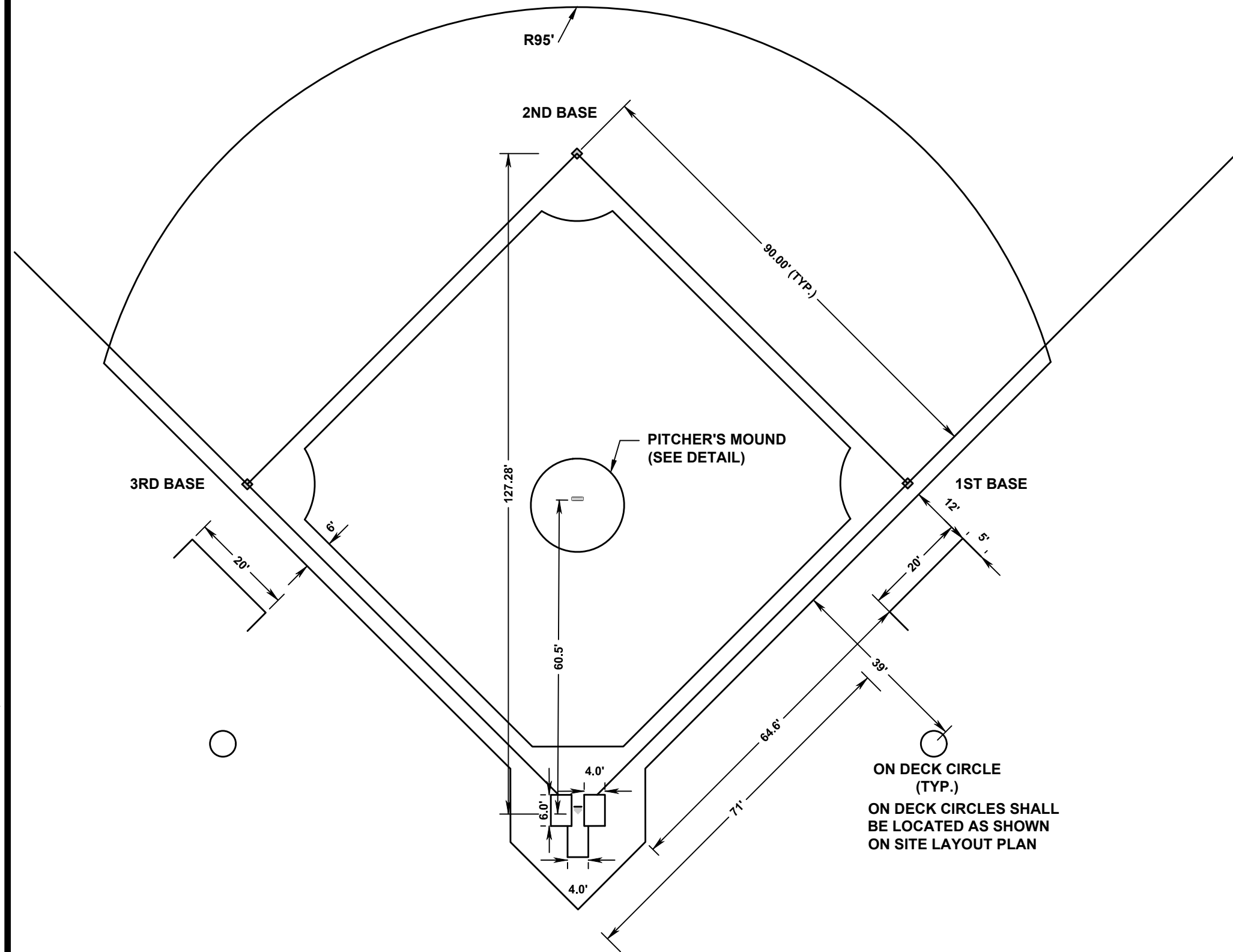
DAREN J. PHIL, PE
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LICENSE NO. 24GE03619100
DATE: 06/01/2023

	<b>SUBURBAN CONSULTING ENGINEERS, INC.</b>		COA NO.: 24G028037500 2/20/20000250
	<hr/>		
	<ul style="list-style-type: none"><li>- Civil Engineers - Municipal Engineers -</li><li>- Landscape Architects -</li><li>- Planners - Environmentalists - Land Surveyors -</li></ul>		
	96 US Highway 206, Suite 101 Flanders, NJ 07836 - 973.398.1776	2430 Highway 34, Bldg. A Suite 1R Wall, NJ 08736 - 732.282.1776	505 Main Street, Suite 314 Hackensack, NJ 07601 - 201.646.1776
<b>EXCELLENCE ♦ ECONOMY ♦ ENVIRONMENT</b>			

NJDEP PERMITTING PLANS FOR FOSCHINI PARK SPORTS FACILITY IMPROVEMENTS BLOCK 11601, LOT 5 CITY OF HACKENSACK COUNTY OF BERGEN, STATE OF NEW JERSEY		PROJECT NUMBER: SCE-RB7448-D05
SITE CONSTRUCTION DETAILS V		DRAWING NUMBER: CD104
		SHEET NUMBER: 14 OF 18
		SCALE: AS NOTED
		REV. B

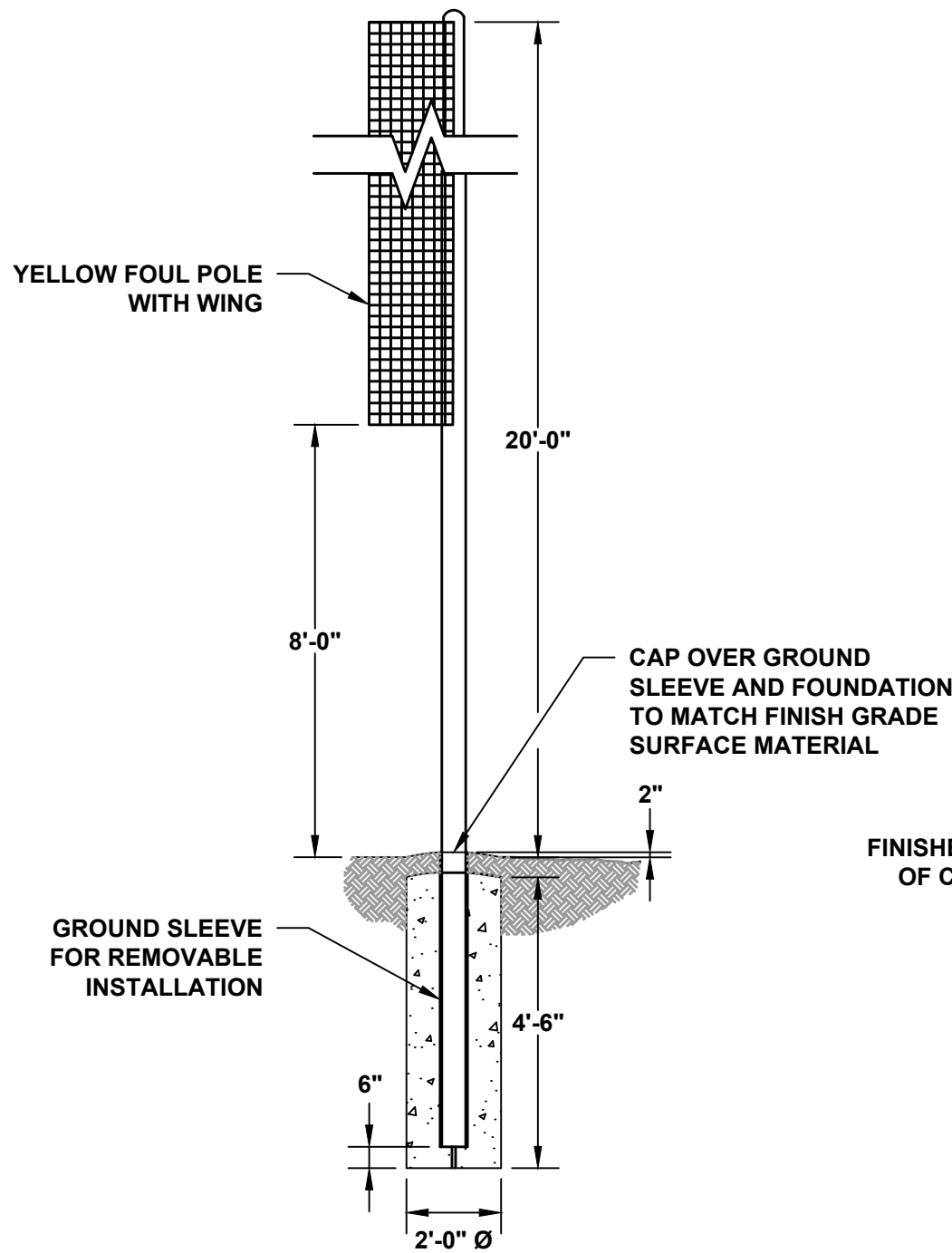


C:\Engineering\SCE\Hackensack\7448.D05\_Foschini Park\RB7448.D05\_NJDEP Permitting\PlanSet\RB7448.D05\_CD100\_ConstructionDetails.dwg Wed, Nov 15, 2023 - 10:30am jparido SUBURBAN CONSULTING ENGINEERS, INC.



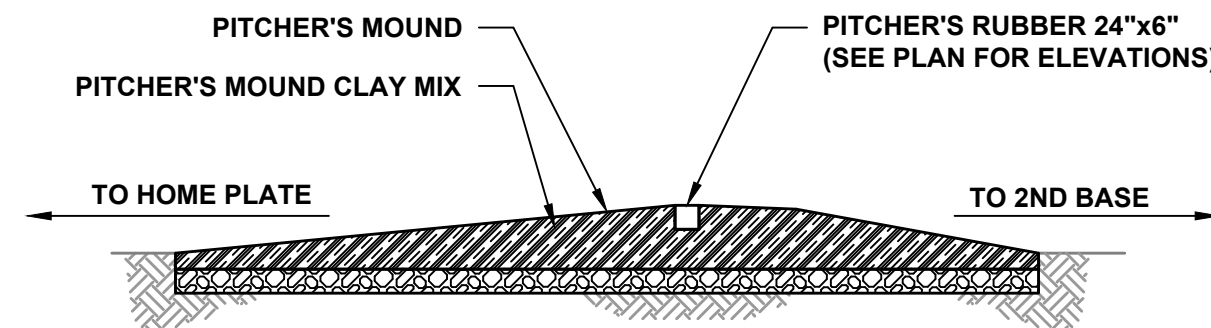
- NOTES:
- CONTRACTOR SHALL VERIFY AND PROVIDE DETAILED FIELD LAYOUT FOR ENGINEER'S APPROVAL PRIOR TO PURCHASING AND INSTALLING SYNTHETIC TURF. NATIONAL COLLEGIATE ATHLETIC ASSOCIATION STANDARDS SHALL GOVERN FOR ANY CONFLICTING DIMENSIONS AND/OR DETAILS PROVIDED.
  - TURF COLORS SHALL BE SUBMITTED TO THE OWNER FOR APPROVAL PRIOR TO PURCHASING AND INSTALLING SYNTHETIC TURF.

**BASEBALL INFIELD LAYOUT**  
N.T.S.

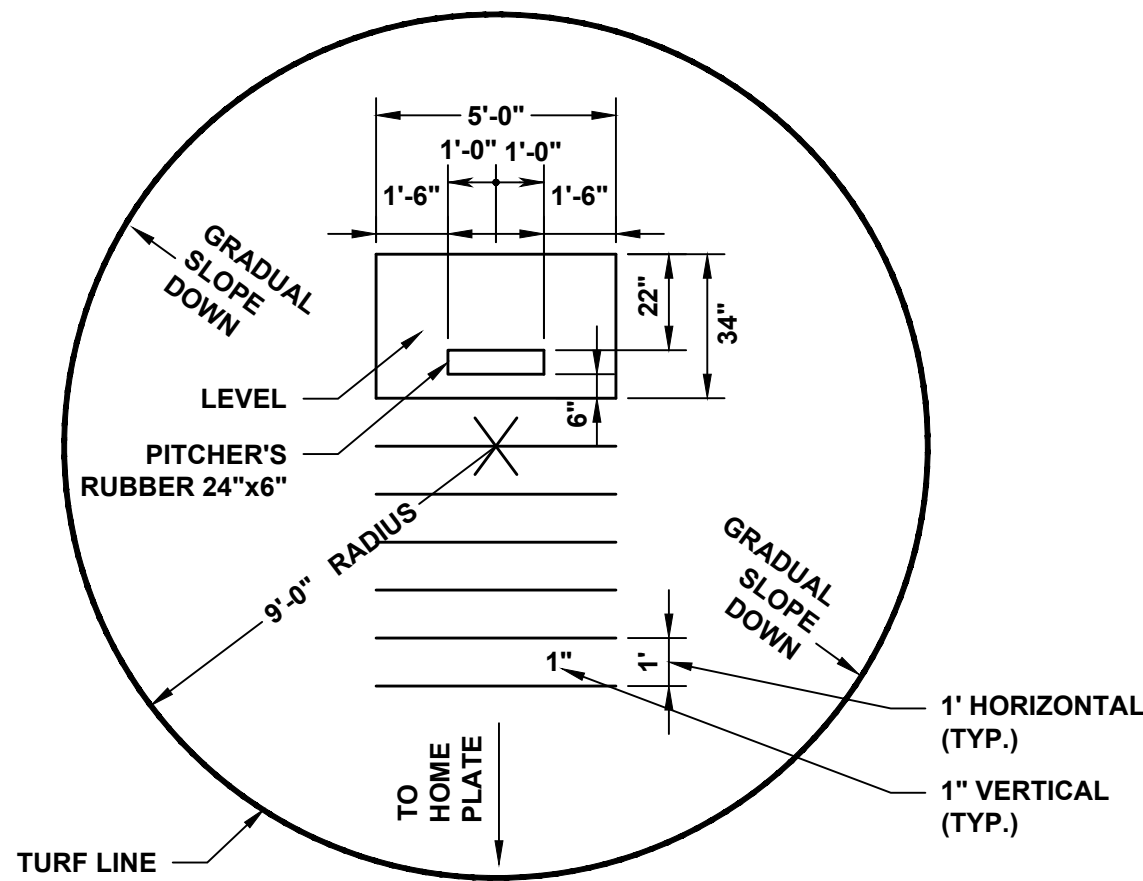


- NOTES:
- SEE CONSTRUCTION DETAILS FOR FENCE DETAIL. INSTALL FOUL POLE OUTSIDE OF OUTFIELD FENCE ON FOUL LINE 2. FOUL POLE SHALL BE REMOVABLE WITH SLEEVE

**FOUL POLE DETAIL**  
N.T.S.

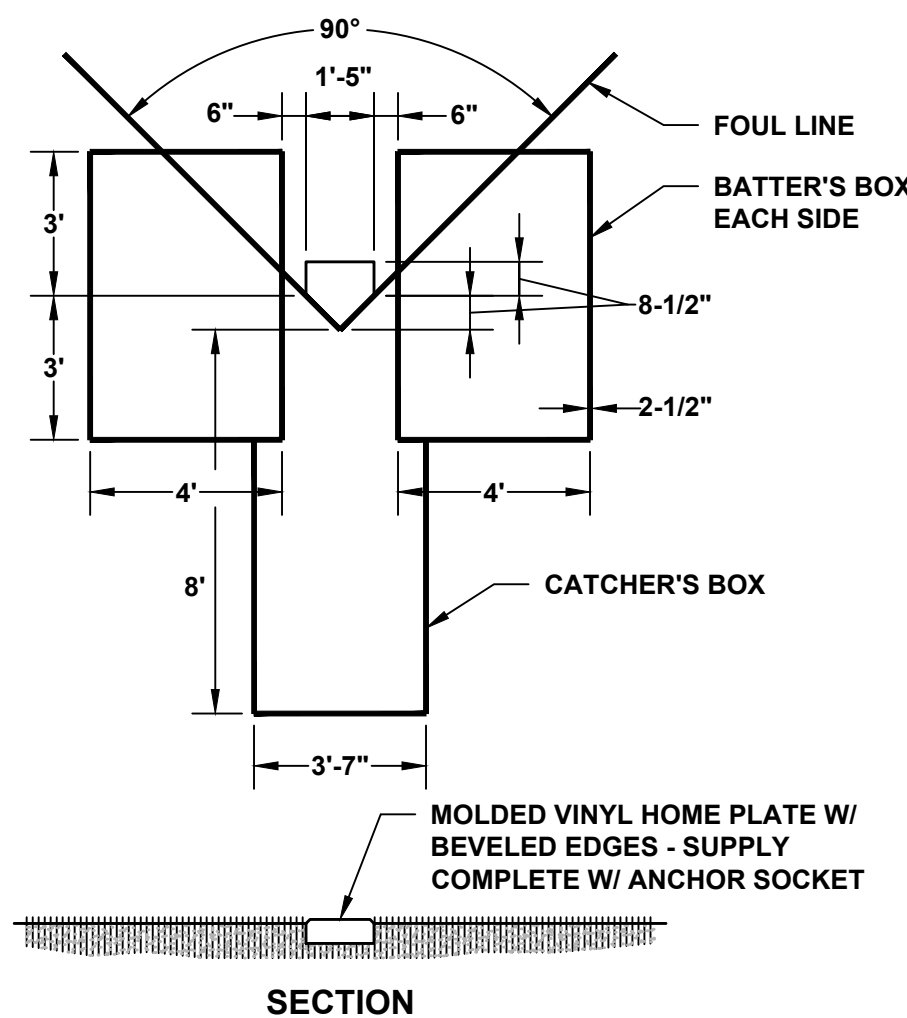


**BASEBALL PITCHER'S MOUND TYPICAL SECTION**  
N.T.S.



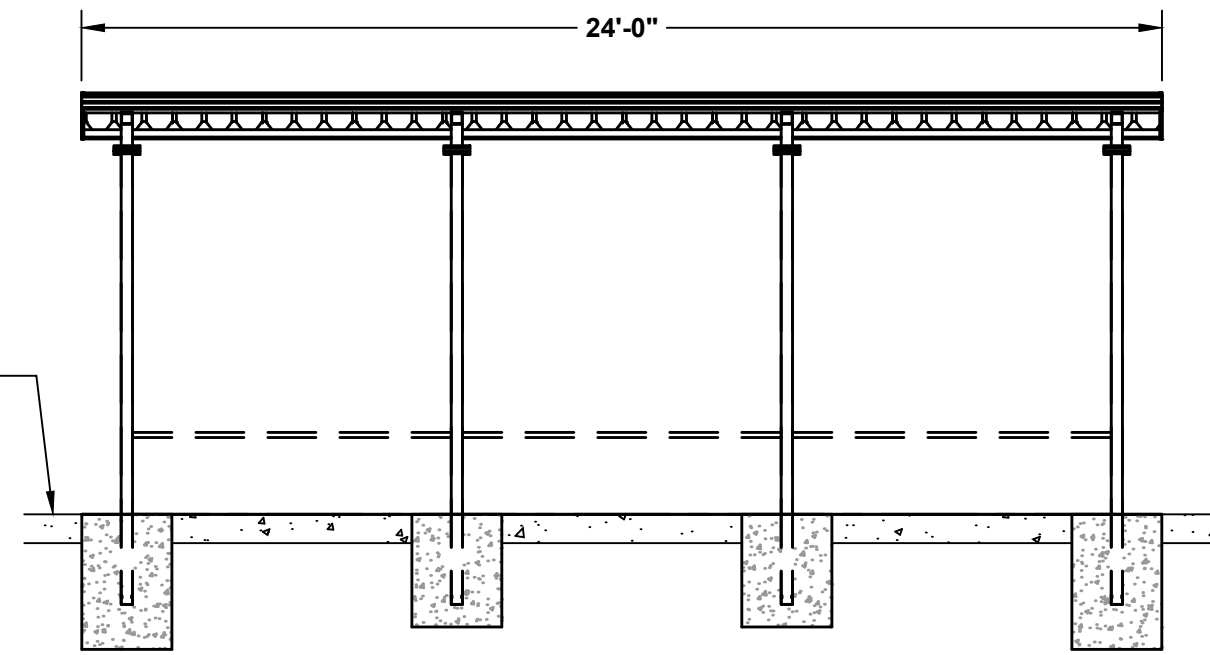
- NOTES:
- HEIGHT OF PITCHER'S MOUND 10" ABOVE FIELD.
  - PITCHER'S MOUND SHALL BE FORMED FROM DGA BASE MATERIAL.
  - PITCHER'S PLATE 6"x6"x24" VINYL PLATE SHALL BE SET LEVEL.
  - PITCHER'S MOUND SLOPES TO BE 1" RISE PER 1' DISTANCE
  - PITCHING RUBBER TO BE MODEL #RPP-SD24, 6"x24" AS MANUFACTURED BY ROGERS BREAKAWAY BASE SYSTEM.
  - CONTRACTOR TO INSTALL PITCHING RUBBER PER MANUFACTURER'S RECOMMENDATIONS.
  - ALL STRIPING AND LAYOUT MUST MEET NCAA STANDARDS.

**BASEBALL PITCHER'S MOUND DETAIL**  
N.T.S.

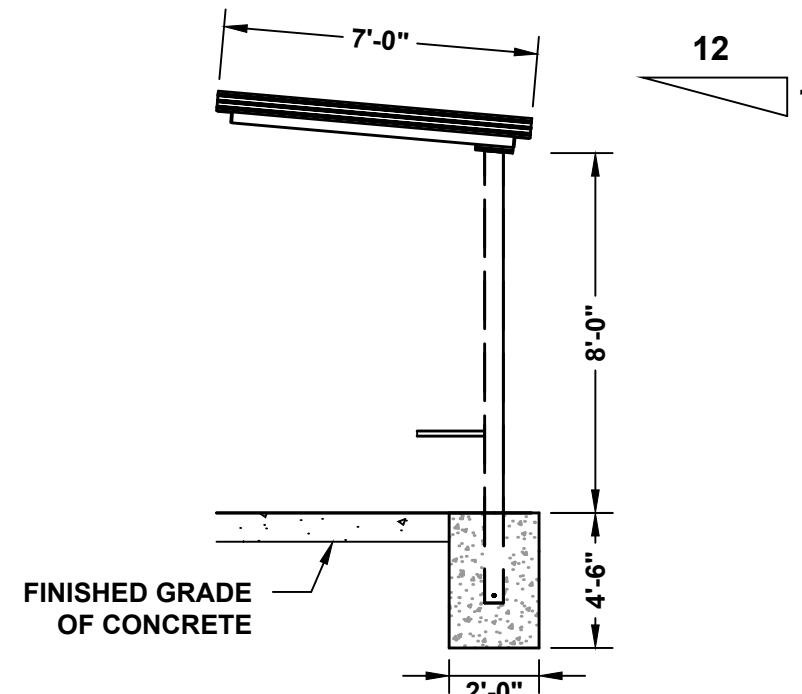


- NOTES:
- CONTRACTOR TO INSTALL HOME PLATE PER MANUFACTURER'S RECOMMENDATIONS.
  - ALL STRIPING AND LAYOUT MUST MEET NFHS STANDARDS.

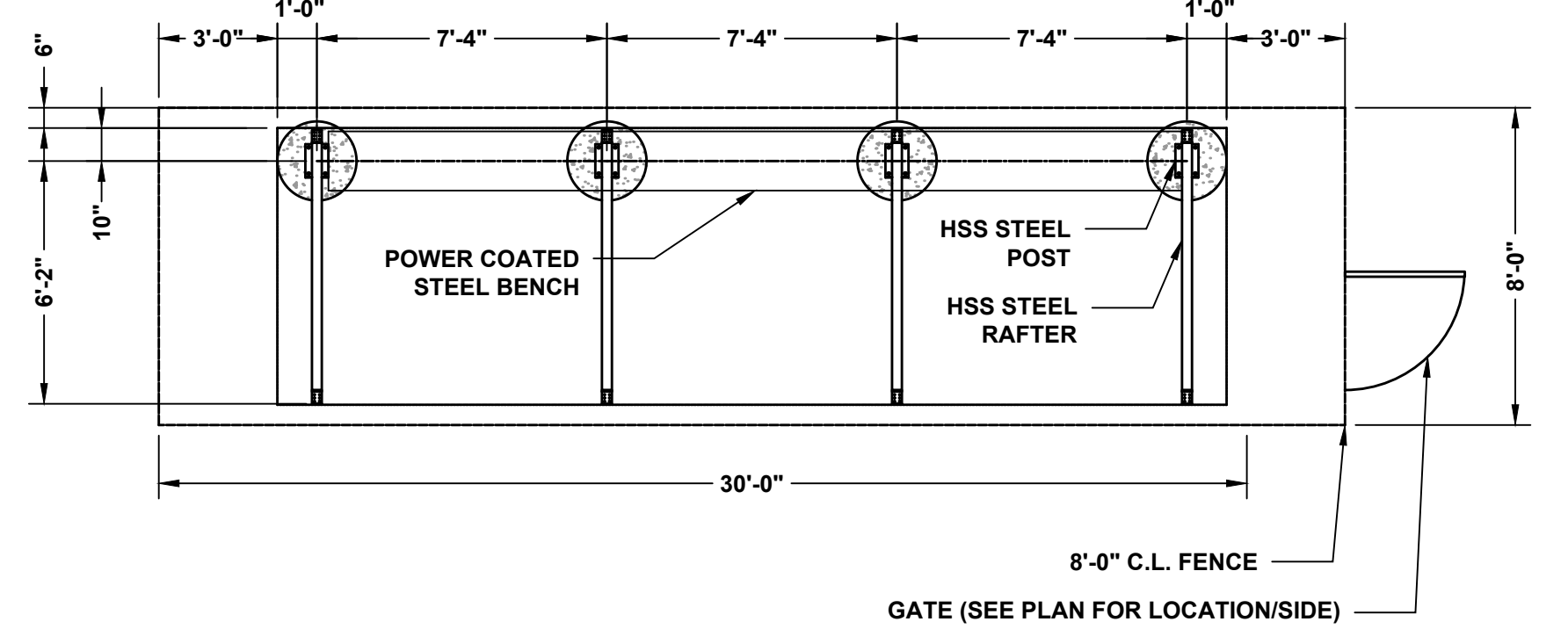
**BASEBALL HOME PLATE DETAIL**  
N.T.S.



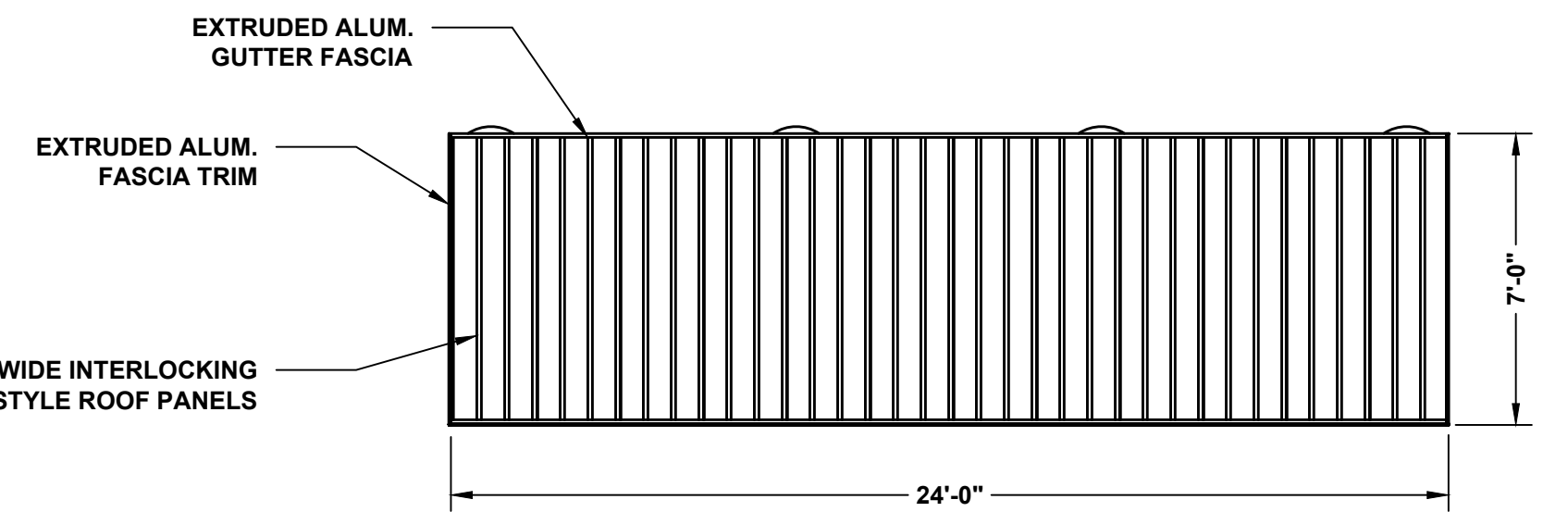
**FRONT ELEVATION**  
N.T.S.



**SIDE ELEVATION**  
N.T.S.



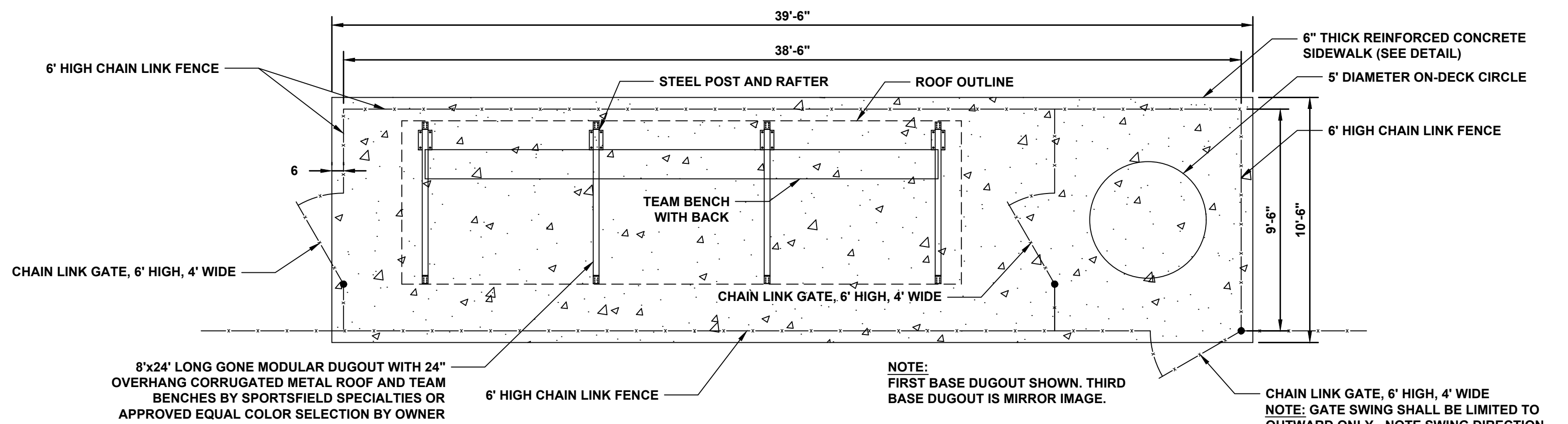
**FRAME PLAN**  
N.T.S.



**ROOF PLAN**  
N.T.S.

**7'-0" x 24'-0" FULL CANTILEVER SHAWNEE SHELTER W/ GALVALUME ROOF PANELS & ALL STEEL BENCH OR APPROVED EQUAL**

**SOFTBALL TEAM BENCH SHELTER**  
N.T.S.



**DUGOUT DETAIL**  
N.T.S.

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1	REVISED PER NJDEP COMMENTS	B	11/15/2023	JNP	RPC
2	REVISED PER NJDEP COMMENTS	A	08/18/2023	JNP	BMD

DRAWN BY:	JNP
CHECKED BY:	BMD
CHECKED BY:	BMD

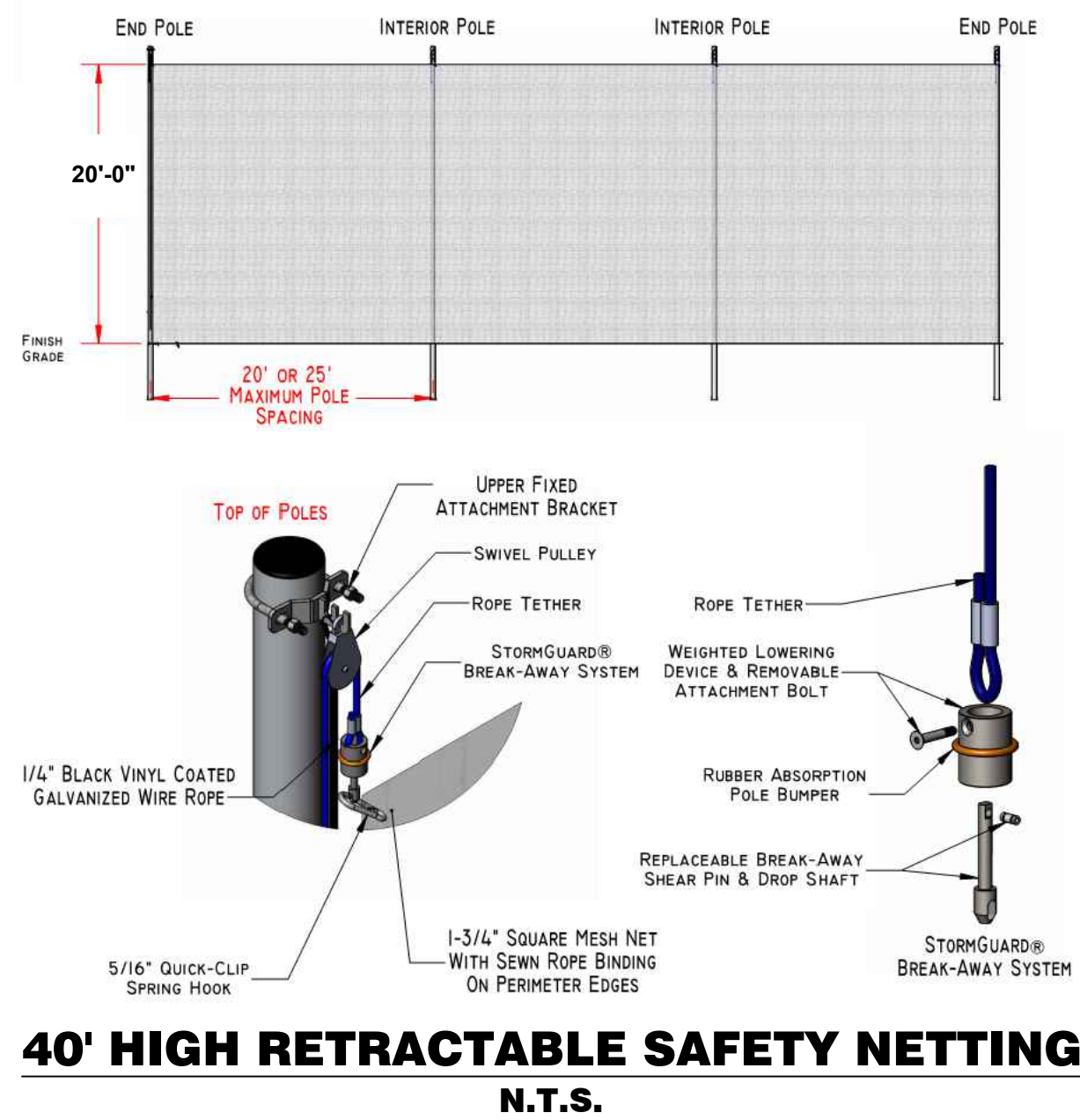
**ERIN B. ABLINE, PE**  
NJ PROFESSIONAL ENGINEER  
LICENSE NO. 24GE05524500  
DATE: 06/01/2023

**DAREN J. PHIL, PE**  
NJ PROFESSIONAL ENGINEER  
LICENSE NO. 24GE03619100  
DATE: 06/01/2023

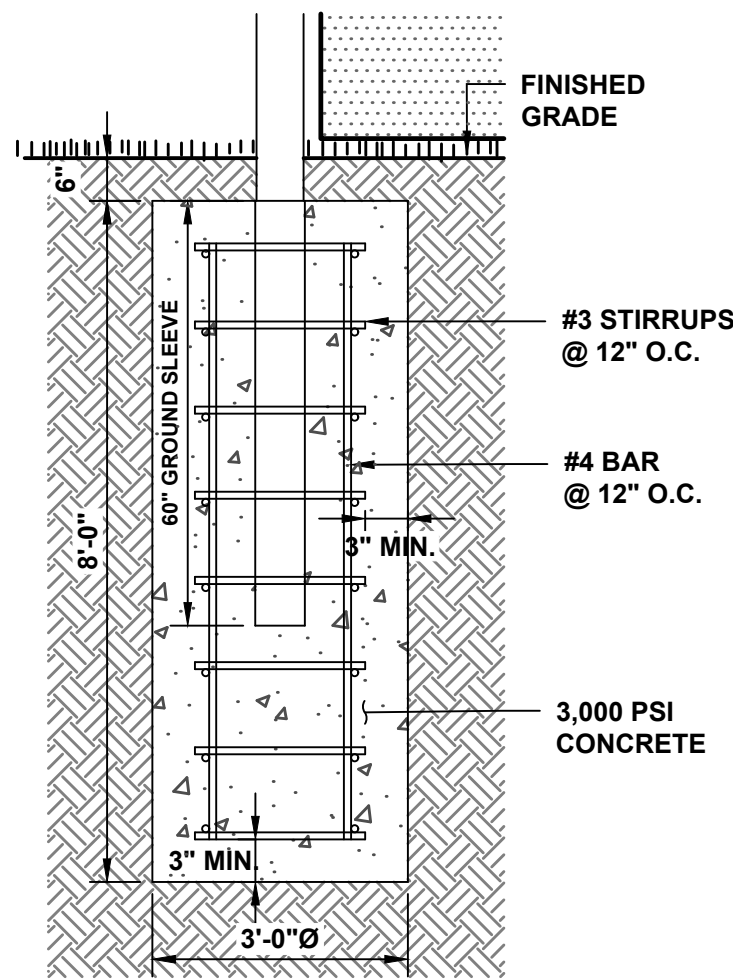
**SUBURBAN CONSULTING ENGINEERS, INC.**  
COA NO.: 24GA28037500  
21301100004250  
- Civil Engineers - Municipal Engineers -  
- Landscape Architects -  
- Planners - Environmentalists - Land Surveyors -  
96 US Highway 206, Suite 101  
Flanders, NJ 07836 - 973.398.1776  
2430 Highway 34, Bldg. A Suite 1R  
Wall, NJ 08736 - 732.282.1776  
505 Main Street, Suite 314  
Hackensack, NJ 07601 - 201.646.1776  
EXCELLENCE ♦ ECONOMY ♦ ENVIRONMENT

**NJDEP PERMITTING PLANS FOR FOSCHINI PARK SPORTS FACILITY IMPROVEMENTS BLOCK 11601, LOT 5 CITY OF HACKENSACK COUNTY OF BERGEN, STATE OF NEW JERSEY**  
PROJECT NUMBER: SCE-RB7448-D05  
DRAWING NUMBER: CD106  
SHEET NUMBER: 16 OF 18  
SCALE: AS NOTED  
REV. B

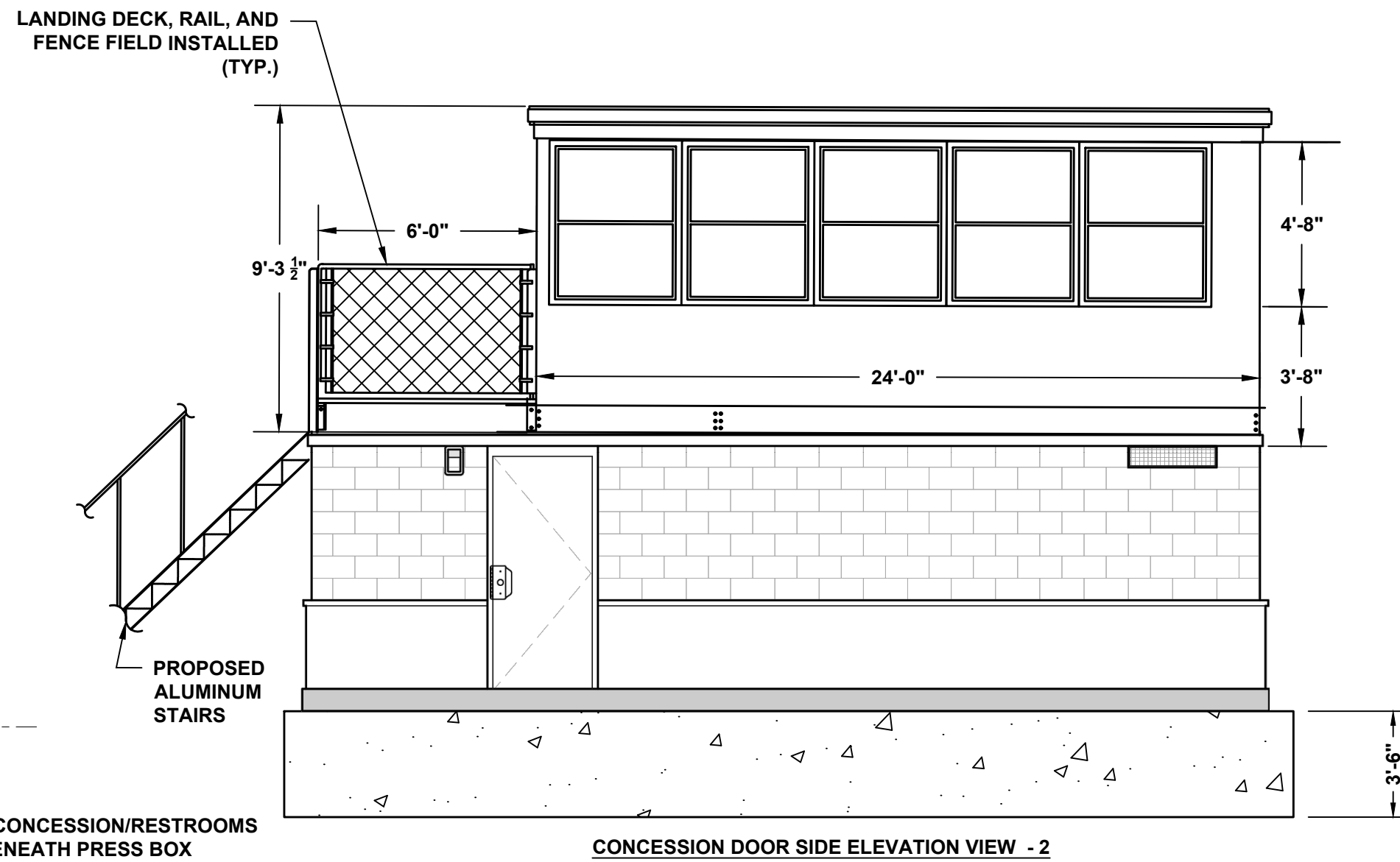
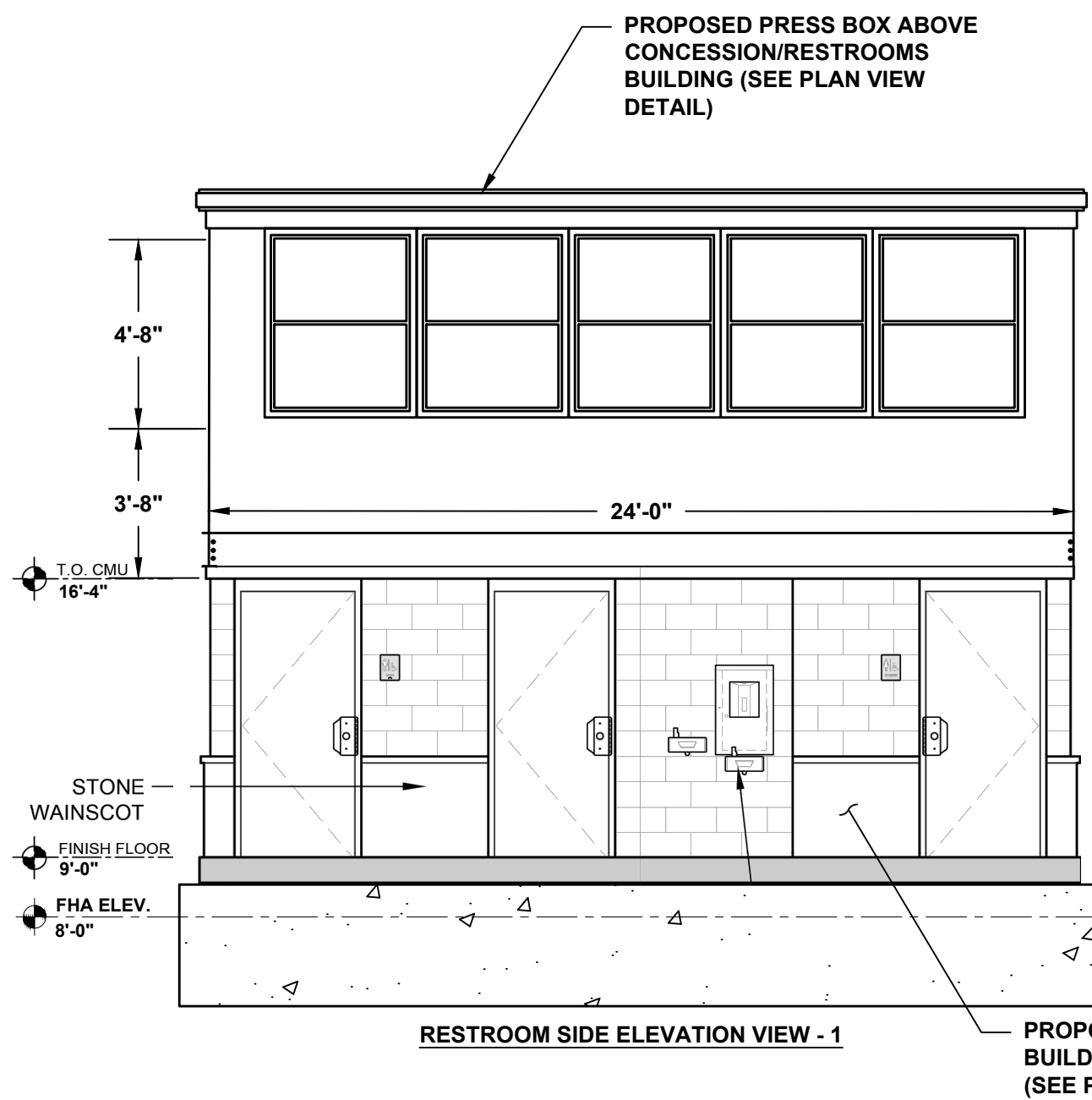
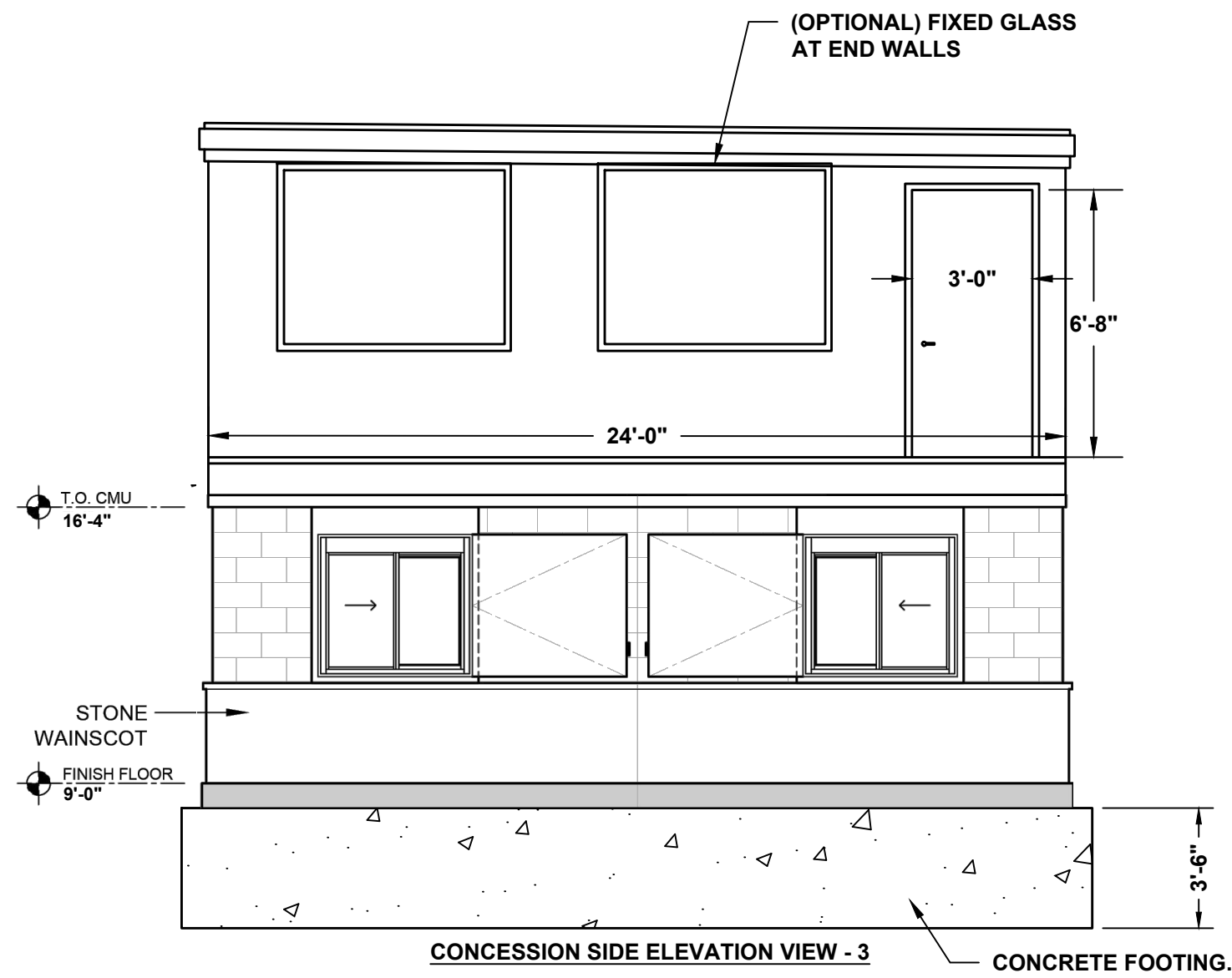
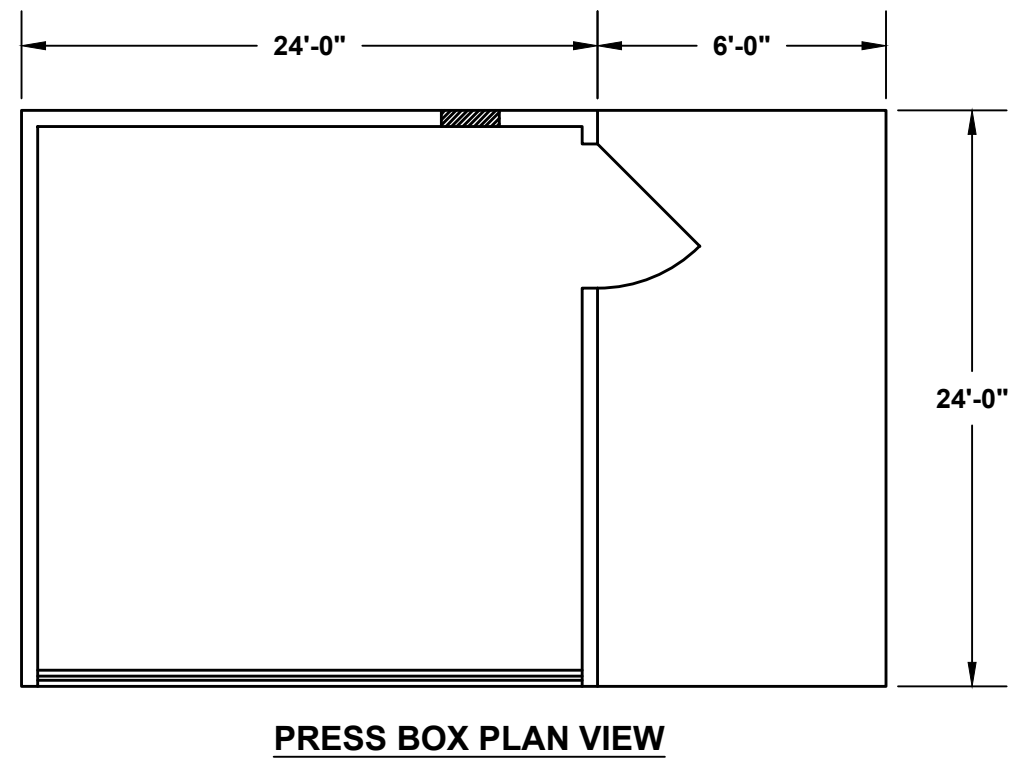
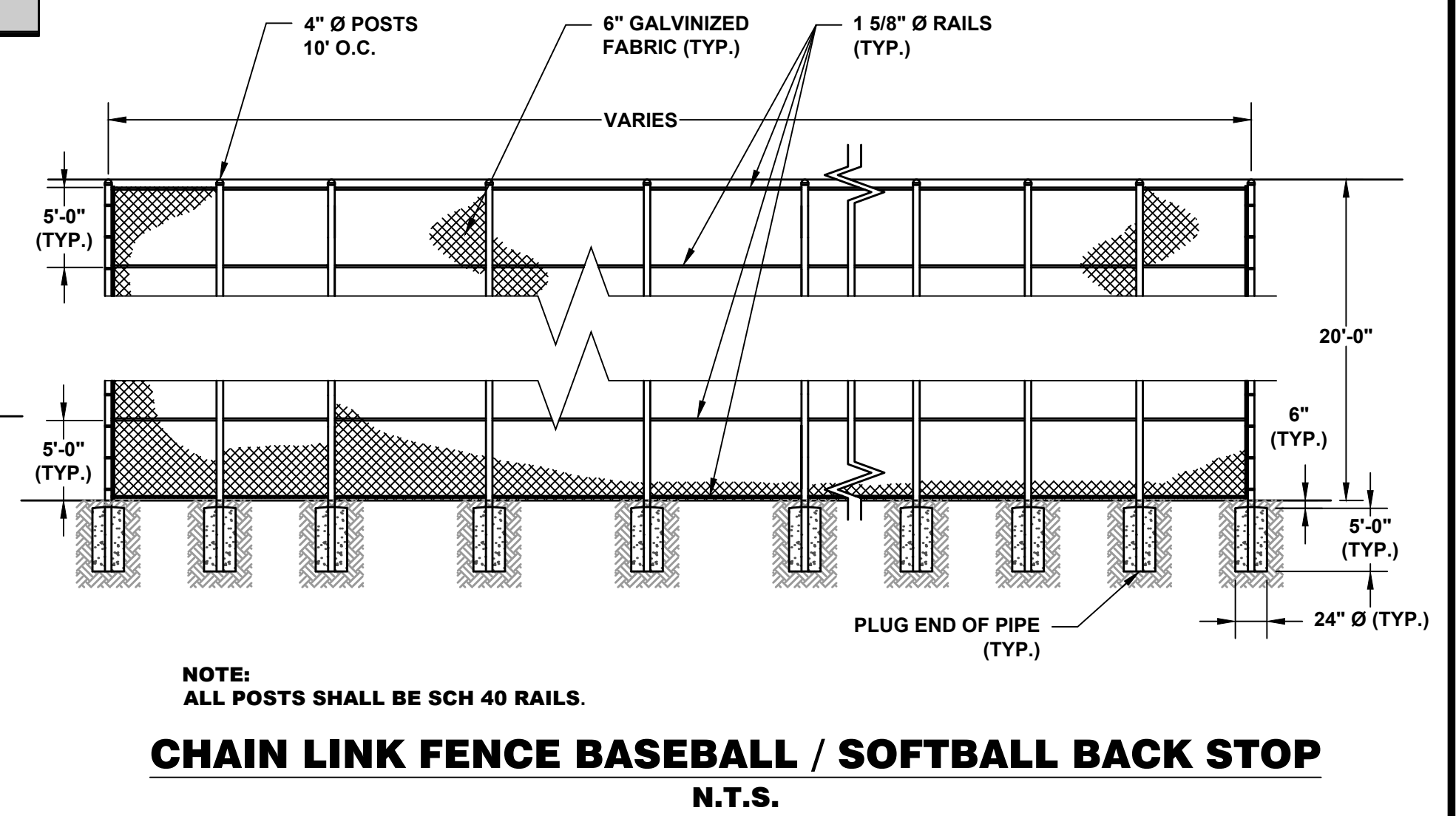
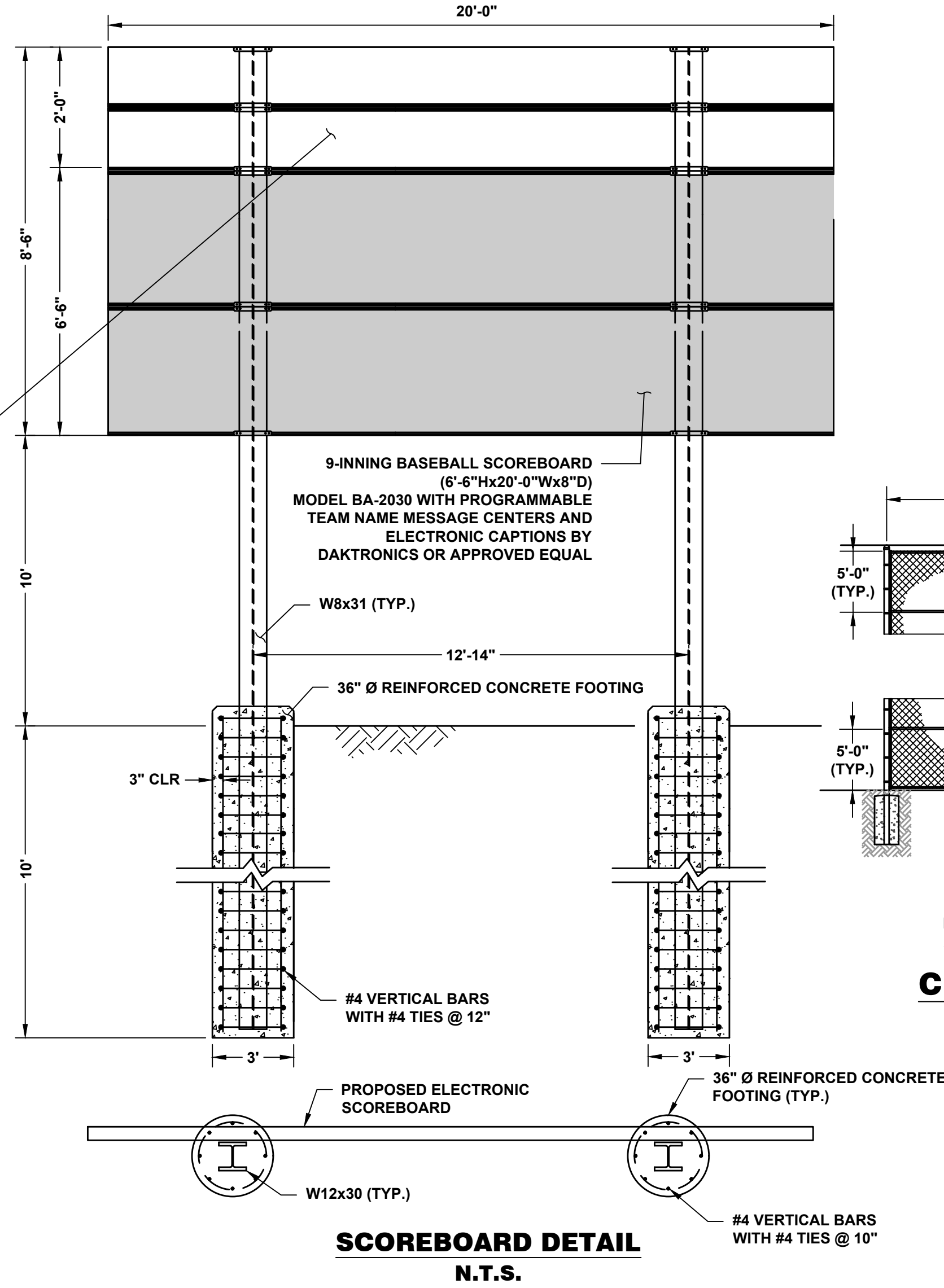
C:\Engineering\SCE\Hackensack\7448.D05 FOSCHINI Park\RB7448.D05 - NJDEP Permitting\Plan\Set\RB7448.D05\_CD100\_ConstructionDetails.dwg Wed, Nov 15, 2023 - 10:30am jparlato SUBURBAN CONSULTING ENGINEERS, INC.



**RETRACTABLE SAFETY NETTING FOOTING**  
N.T.S.

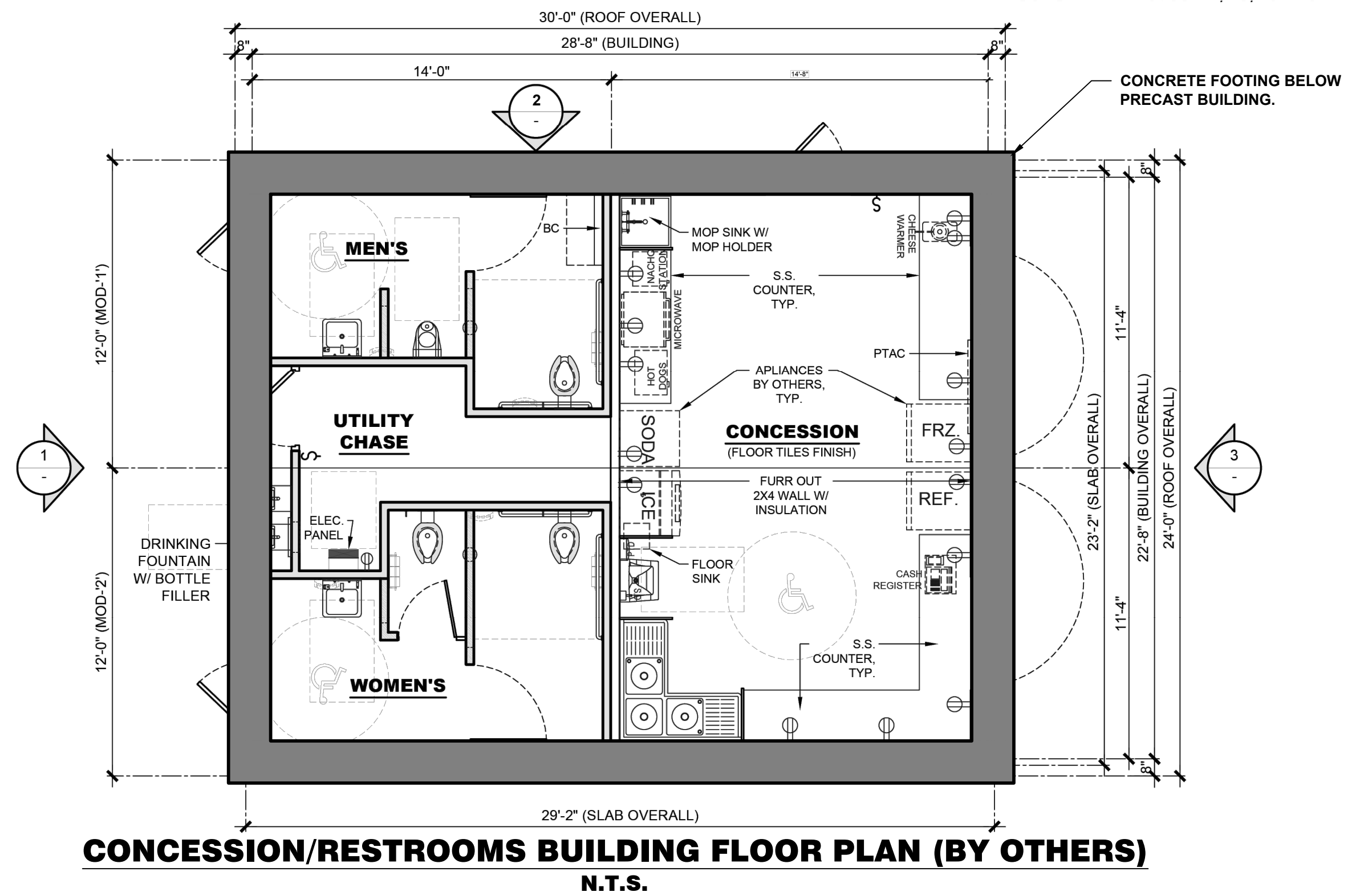


FULL COLOR PRINT SPONSOR PANEL BY DAKTRONICS OR APPROVED EQUAL



- NOTES:
- THIS BUILDING DOES NOT INCLUDE THE CONSTRUCTION OF A BASEMENT.
  - FIRST FLOOR ELEVATION WILL BE SITUATED ONE FOOT ABOVE THE FLOOD HAZARD AREA DESIGN FLOOD ELEVATION.

**CONCESSION/RESTROOMS BUILDING ELEVATIONS (BY OTHERS)**  
N.T.S.



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REVISED PER NJDEP COMMENTS	A	08/18/2023	JNP	BMD

DRAWN BY:	JNP
CHECKED BY:	BMD
CHECKED BY:	BMD

**ERIN B. ABLINE, PE**  
NJ PROFESSIONAL ENGINEER  
LICENSE NO. 24GE05524500

DATE: 06/01/2023

**DAREN J. PHIL, PE**  
NJ PROFESSIONAL ENGINEER  
LICENSE NO. 24GE03619100

DATE: 06/01/2023

**SCE** SUBURBAN CONSULTING ENGINEERS, INC.

COA NO.: 24G128037500  
21301000042500

- Civil Engineers - Municipal Engineers -  
- Landscape Architects -  
- Planners - Environmentalists - Land Surveyors -

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2430 Highway 34, Bldg. A Suite 1R  
Wall, NJ 08736 - 732.282.1776

505 Main Street, Suite 314  
Hackensack, NJ 07601 - 201.646.1776

EXCELLENCE ♦ ECONOMY ♦ ENVIRONMENT

**NJDEP PERMITTING PLANS FOR  
FOSCHINI PARK SPORTS FACILITY IMPROVEMENTS  
BLOCK 11601, LOT 5  
CITY OF HACKENSACK  
COUNTY OF BERGEN, STATE OF NEW JERSEY**

**SITE CONSTRUCTION DETAILS VIII**

PROJECT NUMBER:  
SCE-RB7448-D05

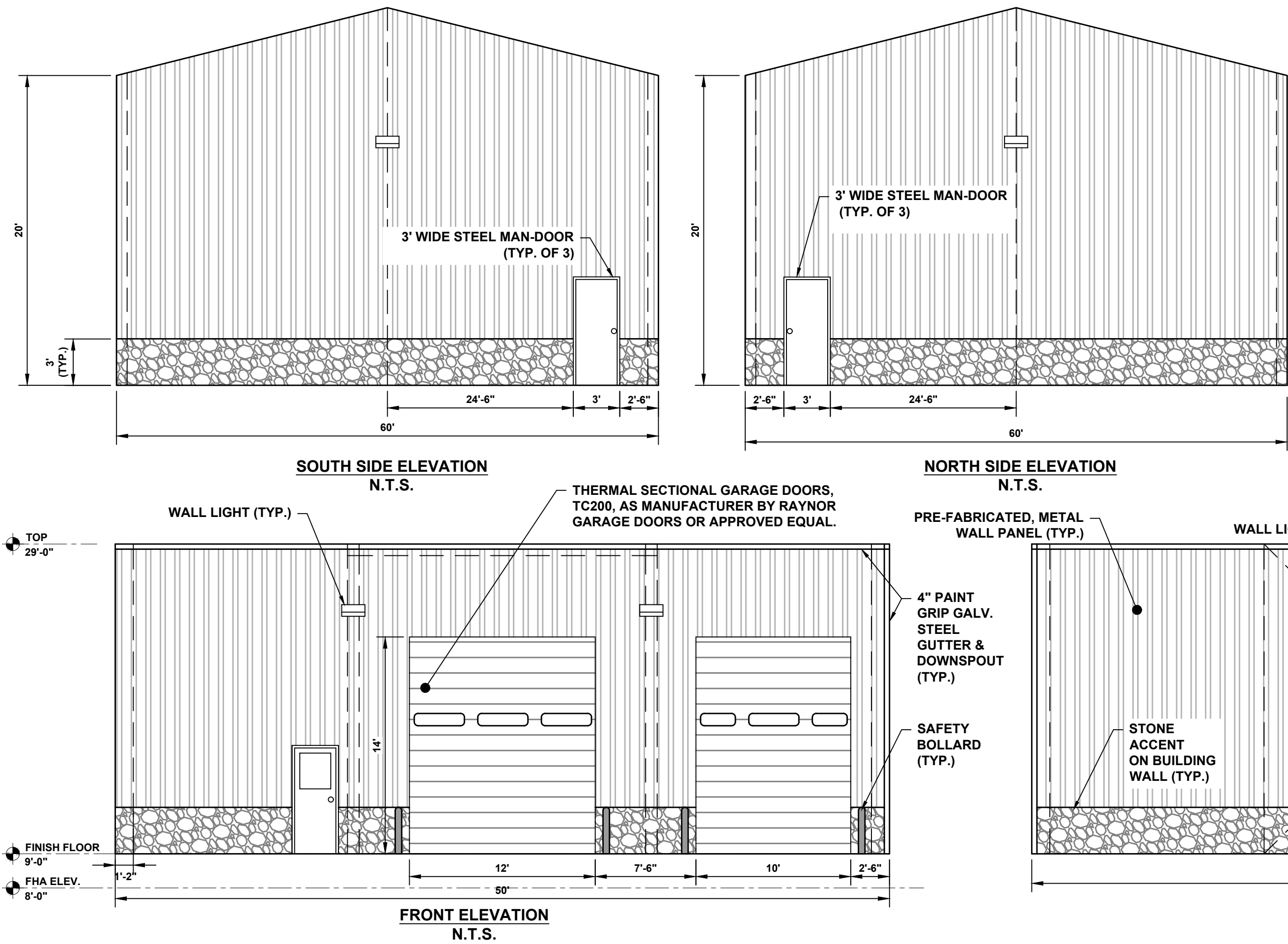
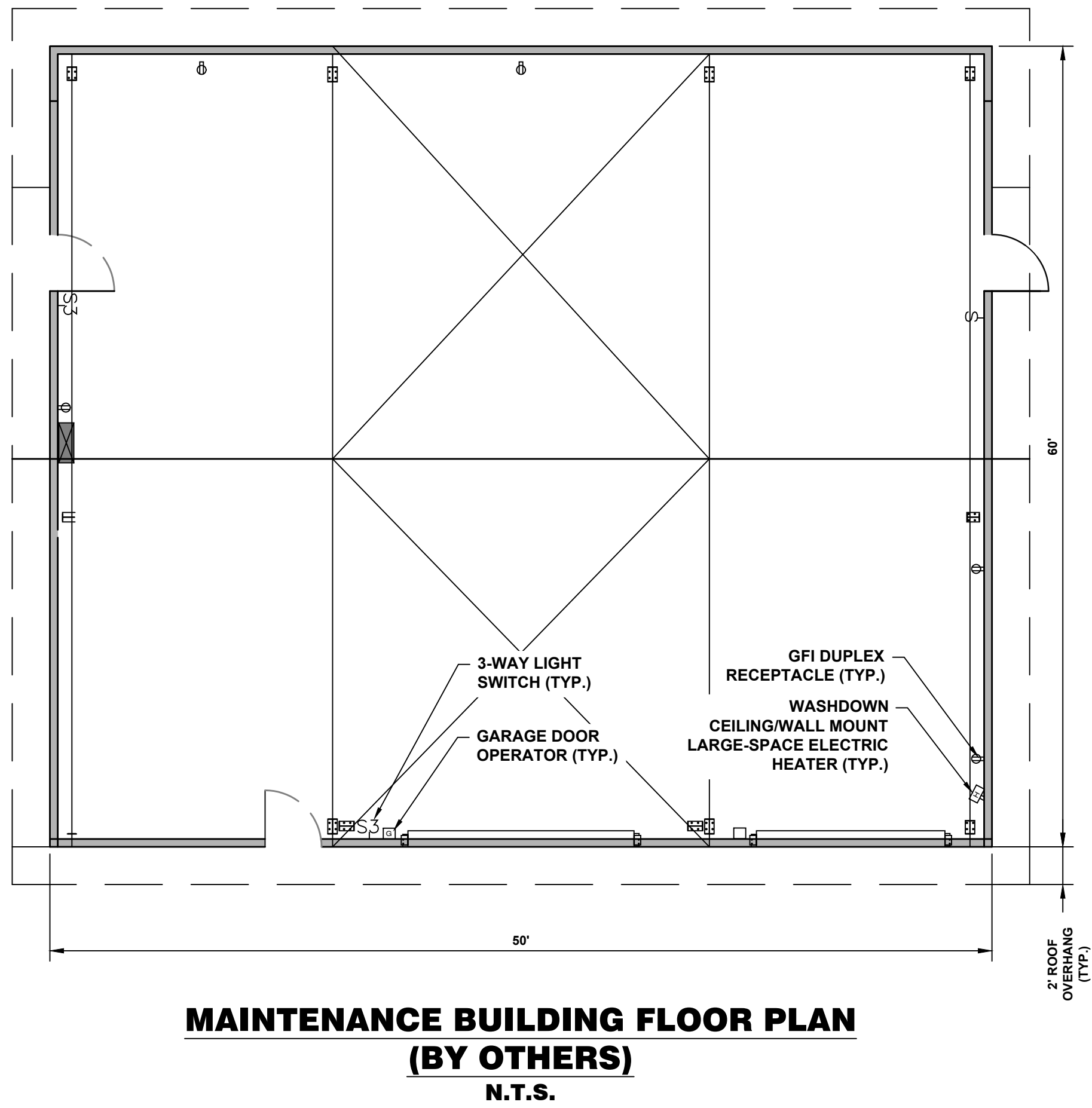
DRAWING NUMBER:  
CD107

SHEET NUMBER:  
17 OF 18

SCALE:  
AS NOTED

REV. B

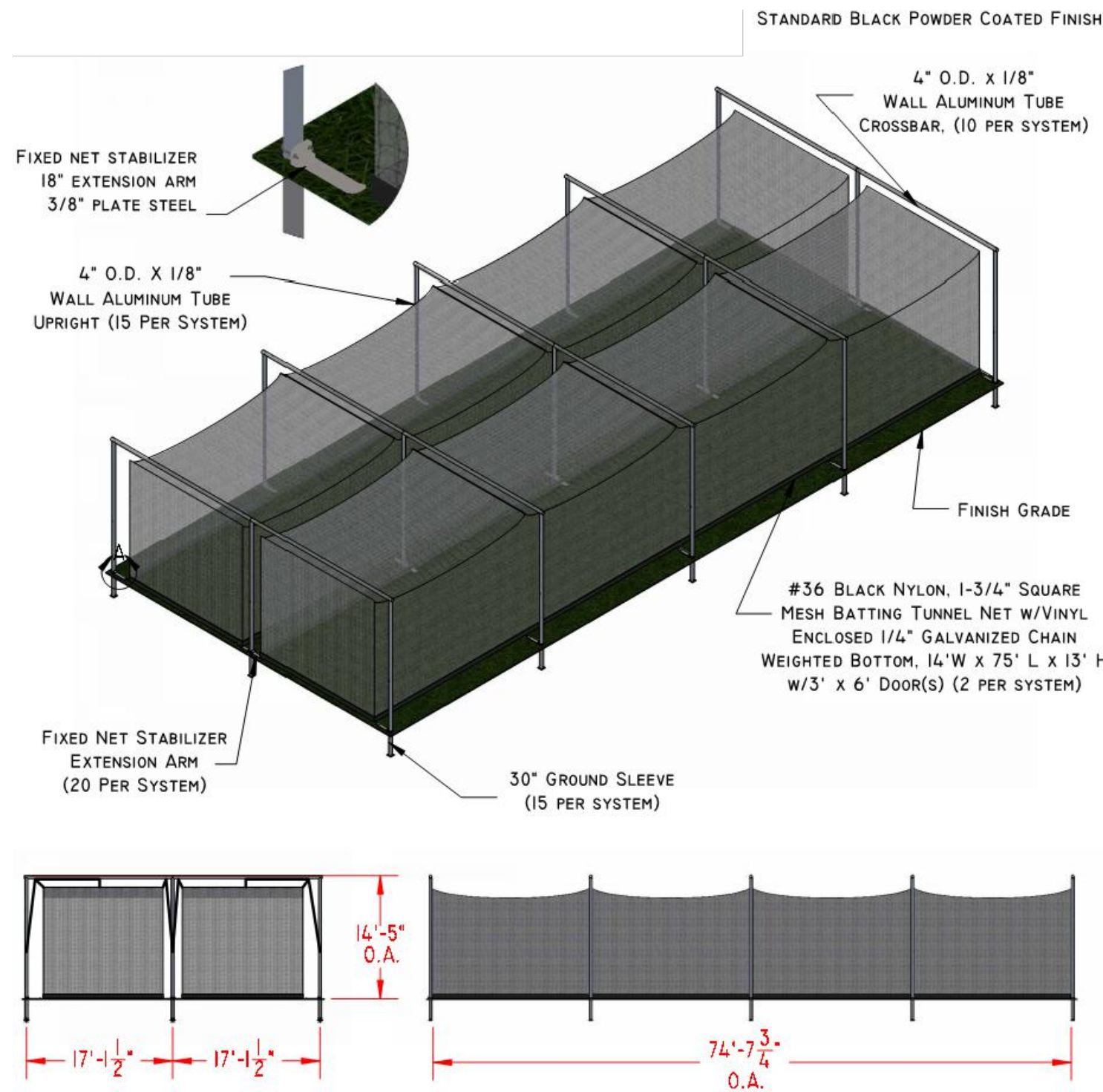
G:\Engineering\SCE\Hackensack\7448.D05 FOSCHINI Park\RB7448.D05 - NJDEP Permitting\Plan\Set\RB7448.D05\_CD100\_ConstructionDetails.dwg Wed, Nov 15, 2023 - 10:30am jparlato SUBURBAN CONSULTING ENGINEERS, INC.



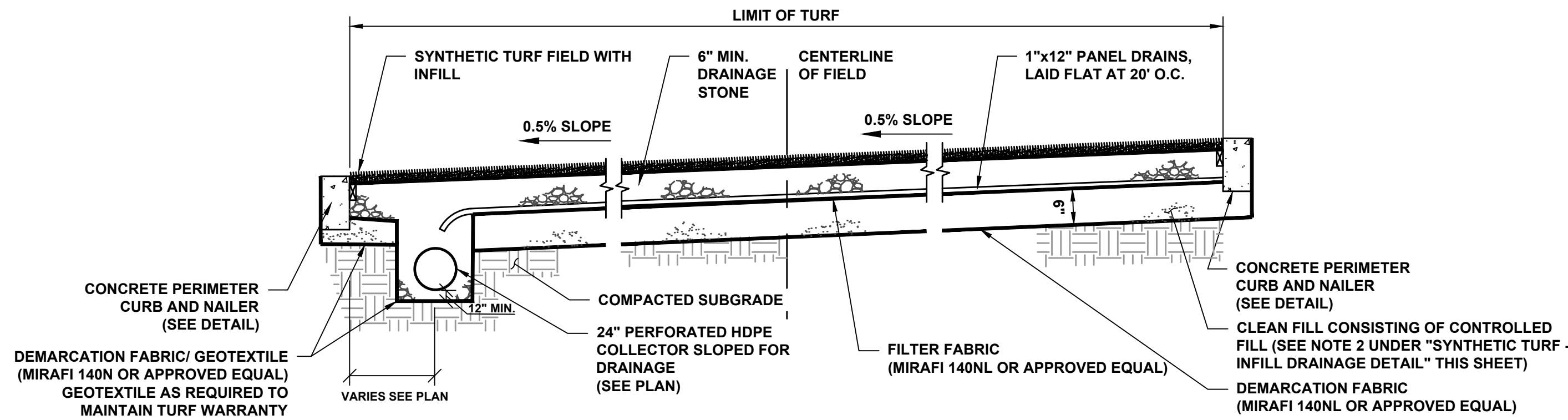
NOTES:

1. MAINTENANCE BUILDING SHALL BE TIER II CLASSIC BUILDING SYSTEM WITH BUTLER RIB II WALL & MR24 ROOF SYSTEM AS MANUFACTURED BY BUTLER STRUCTURAL SYSTEMS, TEL.717.867.3290, OR APPROVED EQUAL.
2. MAINTENANCE BUILDING TO BE PURCHASED BY TOWN AND SUPPLIED AND INSTALLED BY OTHERS. SITE WORK CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARATION OF BUILDING PAD AND INSTALLATION OF SITE UTILITIES TO WITHIN 6' OF THE MAINTENANCE BUILDING FOOTPRINT. ALL OTHER SITE WORK WITHIN THE MAINTENANCE AREA, INCLUDING, BUT NOT LIMITED TO HMA PAVEMENT, FENCING, CURBS, DRAINAGE, LIGHTING & LANDSCAPING SHALL BE INSTALLED BY SITE WORK CONTRACTOR.
3. BUILDING TO HAVE TWO POWER GARAGE DOORS, AS MANUFACTURED BY RAYNOR GARAGE DOORS, OR APPROVED EQUAL. GARAGE DOORS SHALL HAVE EXHAUST PORTS AND BE OPERATED BY CONTROL HOIST 2.0 BASIC COMMERCIAL OPERATOR (JACKSHAFT) WITH RADIO RECEIVER FOR REMOTE OPENING, 14' HT.
4. INTERIOR WALLS SHALL BE LIGHT GAUGE METAL FRAMING, 3 5/8" X 1 1/2", WITH 5/8" GYPSUM BOARD, WITH 8' CEILING HEIGHT.
5. INTERIOR ROOM CEILINGS SHALL BE CONSTRUCTED OF LIGHT GAUGE METAL FRAMING AND FINISHED WITH 1/2" INTERIOR CEILING GYPSUM BOARD.
6. MAN DOORS TO BE 18 GAGE GALV. STEEL DOOR, INSULATED, POWDER COAT COLOR TO MATCH BUILDING EXTERIOR, WITH SINGLE RABBIT FRAME AND HEAVY DUTY COMMERCIAL GRAD HINGES.
7. WASH DOWN CEILING/WALL-MOUNTED LARGE SPACE HEATER SHALL BE MODEL NO. 19625K25, AS MANUFACTURED BY MCMASTER-CARR, OR APPROVED EQUAL.
8. FINAL FINISHES AND COLORS SHALL BE SELECTED/APPROVED BY OWNER.
9. CONTRACTOR SHALL SUBMIT A FULL SHOP DRAWING PACKAGE OF BUILDING SYSTEM FOR APPROVAL BY OWNER AND PROJECT ENGINEER PRIOR TO PURCHASE AND INSTALLATION.
10. BUILDING DESIGN MUST CONFORM TO ALL APPLICABLE ICC BUILDING CODES AND STATE AND LOCAL REGULATIONS.
11. THIS BUILDING DOES NOT INCLUDE THE CONSTRUCTION OF A BASEMENT.

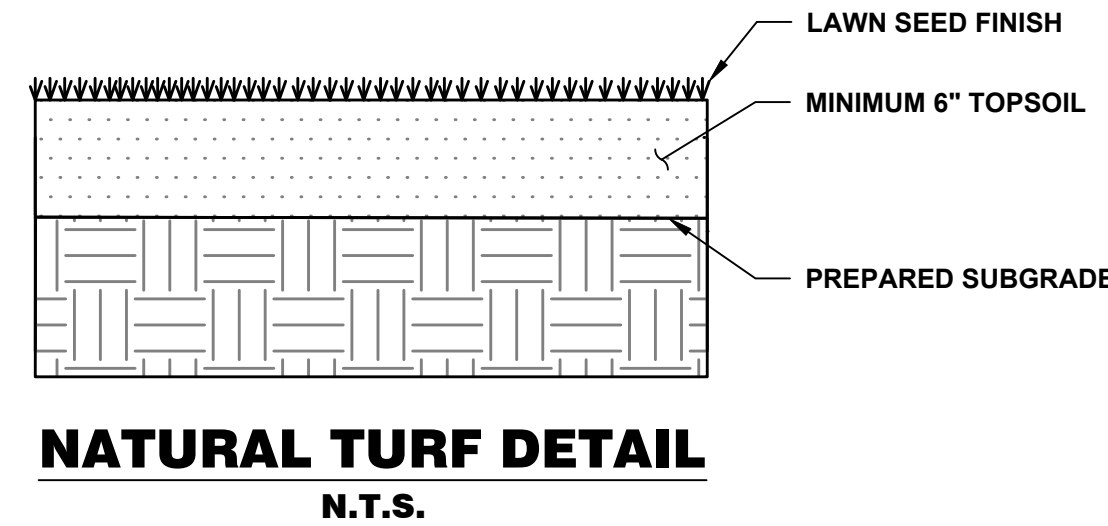
MAINTENANCE BUILDING ELEVATIONS (BY OTHERS)  
N.T.S.



TWO LANE BATTING CAGE DETAIL  
N.T.S.



TYPICAL SECTION THROUGH FIELD  
N.T.S.



NATURAL TURF DETAIL  
N.T.S.

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DATE:06/01/2023

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COA NO.: 24GA28037500  
21301000042501

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- Landscape Architects -  
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505 Main Street, Suite 314  
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PROJECT NUMBER: SCE-RB7448-D05	
DRAWING NUMBER: CD108	
SHEET NUMBER: 18 OF 18	
SCALE: AS NOTED	
REV. B	

**NJDEP PERMITTING PLANS FOR  
FOSCHINI PARK SPORTS FACILITY IMPROVEMENTS  
BLOCK 11601, LOT 5  
CITY OF HACKENSACK  
COUNTY OF BERGEN, STATE OF NEW JERSEY**

**SITE CONSTRUCTION DETAILS IX**