

SITE IMPROVEMENTS WASHINGTON PARK

LIBERTY STREET MERIDEN, CONNECTICUT

CITY COUNCIL

Joseph J. Marigan, Jr.
MAYOR

Laura M. Gallo
DEPUTY MAYOR

Mark Benigni

Matthew D. Dominello

Joseph Feest

Joseph R. Galotti, Jr.

Keith Gordon

Brian F. Kogut

Patricia D. Lynes

Michael S. Rohde

Walter A. Shamock

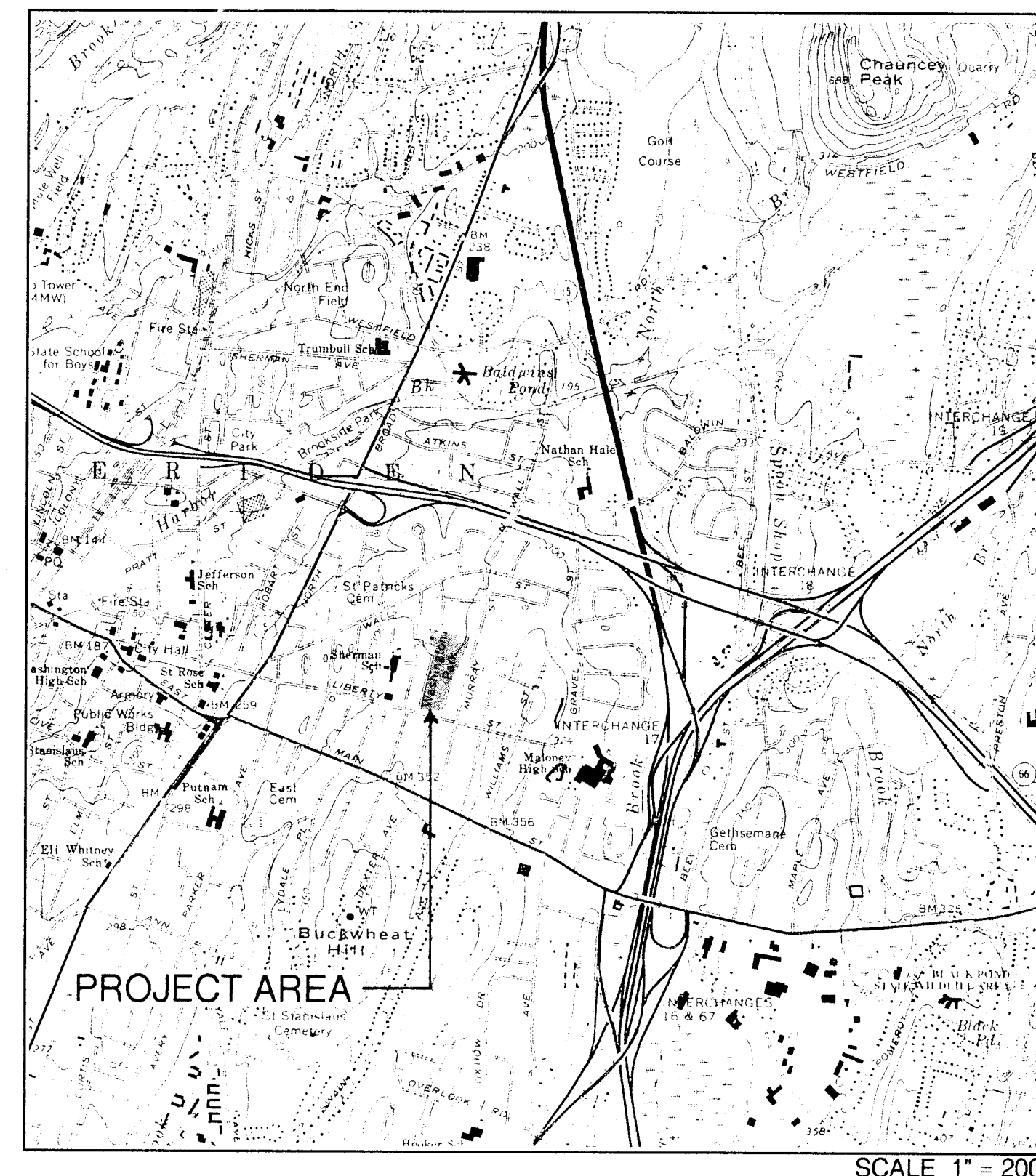
Anthony D. Tomassetti

Stephen T. Zerio

Roger Kemp, City Manager
CITY MANAGER

Mark Zebora,
DIRECTOR OF PARKS AND PUBLIC WORKS

FEBRUARY 3, 1998



LIST OF DRAWINGS

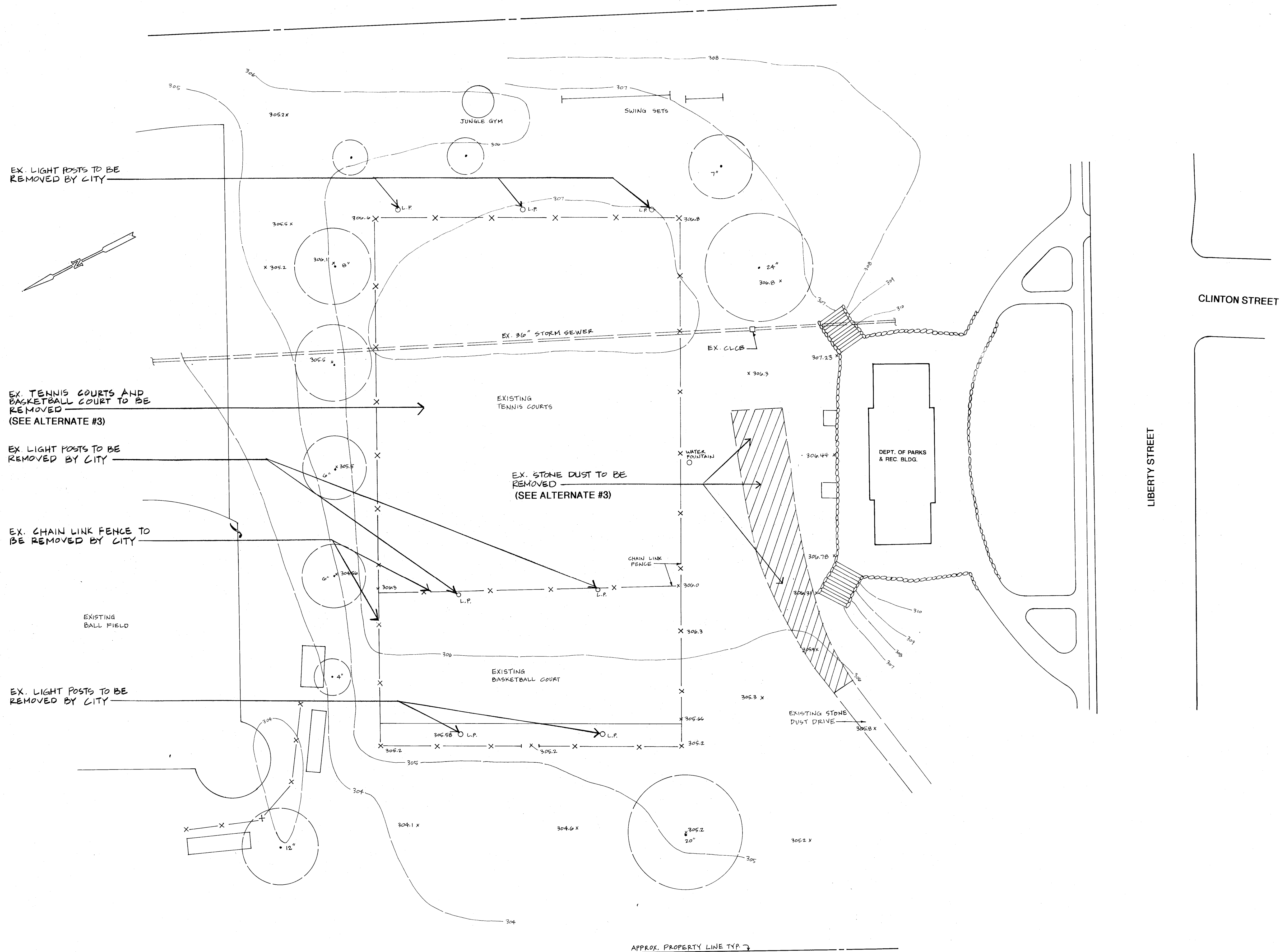
1. Existing Conditions
2. Site Plan - Site Improvements
3. S & E Control - Site Details
4. Electrical Details

Milone & MacBroom, Inc.
716 South Main Street
Cheshire, CT.

IN ASSOCIATION WITH:

Electrical Designs, Inc.
28 Pine Tree Drive
Branford, CT.

A handwritten signature or mark, possibly a stylized 'S' or 'Z', located in the bottom right corner of the page.



ALTERNATE # 3

- DEDUCT REMOVAL OF EX. TENNIS COURTS AND BASKETBALL COURT
- DEDUCT REMOVAL OF EXISTING STONE DUST

EXISTING CONDITIONS /SITE REMOVALS

**MERIDEN PARKS
WASHINGTON PARK
LIBERTY STREET
MERIDEN, CONNECTICUT**

DESIGNED	G.M.M.	V.C.M.	MILONE & MacBROOM, INC.	261-13
SCALE	1" = 20'	CHECKED	Civil Water Resource and Transportation Engineering • Landscape Architecture Surveying • Planning	PROJECT NO.
DATE	FEBRUARY 3, 1998		716 South Main Street • Cheshire, Connecticut 06410 (203) 271-1753 • FAX (203) 272-9755	1 SHEET NO.

GENERAL NOTES

- THE EXISTING TOPOGRAPHY, PROPERTY LINES, AND SITE FEATURES SHOWN ON THIS MAP ARE BASED UPON A COMPILED COMPILATION OF THE FOLLOWING INFORMATION AND SHOULD BE CONSIDERED APPROXIMATE:
"TOPOGRAPHY SURVEY OF A PORTION OF WASHINGTON PARK, LIBERTY STREET, MERIDEN, CONNECTICUT" PREPARED BY CONKLIN & SOROKA, INC., SCALE: 1"=40', DATED: DECEMBER 12, 1996, SUPPLEMENTED BY FIELD INSPECTION BY MILONE & MACBROOM, INC., SEPTEMBER 1996.
VISUAL OBSERVATIONS OF THE SUBJECT PARCEL.
MISCELLANEOUS AVAILABLE MAPS SHOWING RECORD IMPROVEMENTS OR EXISTING CONDITIONS.
ELEVATIONS SHOWN ARE REFERENCED TO N.G.V.D. OF 1929 (CITY ELEV. +28.05').
- INFORMATION REGARDING THE LOCATION OF EXISTING UTILITIES HAS BEEN BASED UPON AVAILABLE INFORMATION AND MAY BE INCOMPLETE AND WHERE SHOWN SHOULD BE CONSIDERED APPROXIMATE. THE LOCATION OF ALL EXISTING UTILITIES SHOULD BE CONFIRMED PRIOR TO BEGINNING CONSTRUCTION. CALL "ONE CALL COVERS ALL" 1-800-922-4455. ALL UTILITY LOCATIONS THAT DO NOT MATCH THE VERTICAL OR HORIZONTAL CONTROL SHOWN ON THE PLANS SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR RESOLUTION.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ACQUAINT HIMSELF WITH THE EXISTENCE OF ANY CABLES, WIRES, POLES, FIXTURES, CONTROL BOXES, FENCES, UTILITY VAULT GRATES, HYDRANTS, SIGNS, DRAINAGE STRUCTURES, WALKS, CURBS, ORNAMENTAL OR UTILITARIAN DOMESTIC ACCESSORIES, ETC. ALL ADJACENT AREAS AND/OR SITE ELEMENTS DAMAGED, DESTROYED OR DISTURBED DURING CONSTRUCTION/CONTRACT OPERATIONS SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AS SPECIFIED BY THE ENGINEER/LANDSCAPE ARCHITECT.
- LAYOUT OF IMPROVEMENTS SHALL BE STAKED OUT IN FIELD AND APPROVED BY LANDSCAPE ARCHITECT/ENGINEER PRIOR TO INITIATING WORK.
- MILONE & MACBROOM, INC. ACCEPTS NO RESPONSIBILITY FOR THE ACCURACY OF MAPS AND DATA WHICH HAVE BEEN SUPPLIED BY OTHERS.

PLANTING NOTES

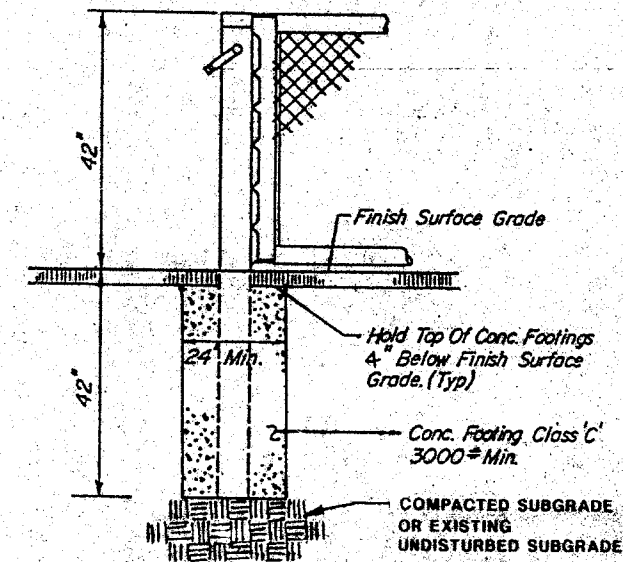
- THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO EXCAVATING PLANT PITS.
- THE LANDSCAPE CONTRACTOR SHALL PROVIDE A 4" MIN. DEPTH OF TOPSOIL FOR ALL LAWN AREAS.
- THE LANDSCAPE CONTRACTOR SHALL PROVIDE A 4" MIN. DEPTH OF SHREDDED MULCH OVER ALL TREE PLANTINGS.
- ALL PLANT MATERIAL IS SUBJECT TO INSPECTION AND APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO AND AFTER PLANTING.
- LANDSCAPE CONTRACTOR SHALL PROVIDE NAME BRAND LAWN SEED MIX FOR APPROVAL BY LANDSCAPE ARCHITECT. SEEDING RATE TO BE 5 LBS. PER 1,000 S.F.
- LOCATION OF PLANTS TO BE ADJUSTED BASED ON FIELD CONDITIONS WITH APPROVAL OF LANDSCAPE ARCHITECT.
- PLANT SPECIES MAY BE ADJUSTED BASED ON AVAILABILITY AT TIME OF PLANTING. ALL PLANT MATERIAL SUBSTITUTIONS ARE SUBJECT TO REVIEW AND APPROVAL BY LANDSCAPE ARCHITECT.
- ALL PLANT MATERIALS SHALL CARRY A FULL GUARANTEE FOR A PERIOD OF ONE YEAR FROM THE DATE OF ACCEPTANCE TO INCLUDE PROMPT TREATMENT OR REMOVAL AND REPLACEMENT OF ANY PLANTS FOUND TO BE IN AN UNHEALTHY CONDITION BY THE LANDSCAPE ARCHITECT. ALL REPLACEMENTS SHALL BE OF THE SAME KIND AND SIZE OF PLANTS SPECIFIED IN THE PLANT LIST.
- MAINTENANCE SHALL BEGIN IMMEDIATELY AFTER PLANTING AND SHALL CONTINUE UNTIL ACCEPTANCE BY THE LANDSCAPE ARCHITECT. MAINTENANCE SHALL INCLUDE WATERING, MULCHING, TIGHTENING & REPLACING OF GUYS, REPLACEMENT OF SICK OR DEAD PLANTS, RESETTLEMENT PLANTS TO PROPER GRADE OR UPRIGHT (PLUMB) POSITION, RESTORATION OF SAUCERS, AND ALL OTHER CARE NEEDED FOR PROPER GROWTH OF THE PLANTS.
- ALL TREES TO BE BALLED AND BURLAPPED.

J.M.H./E.A.

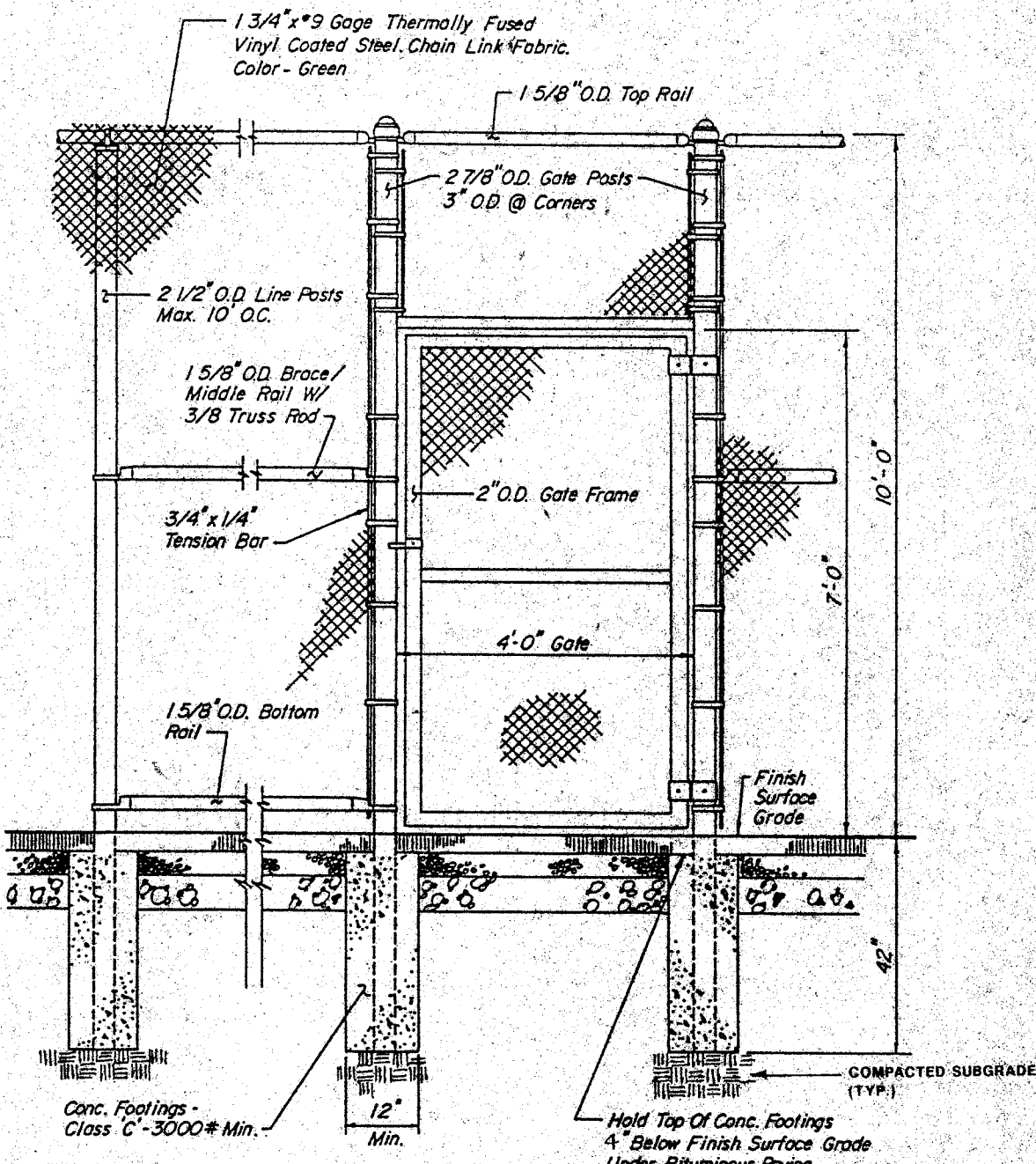
NOTE:

ROOTS & NETS TO BE SUPPLIED BY THE MERIDEN PARKS AND RECREATION DEPARTMENT AND INSTALLED BY THE CONTRACTOR.

SEE SURFACE DETAIL BELOW



TENNIS NET POST DETAIL
N.T.S.



FENCE DETAIL
N.T.S.

TENNIS/BASKETBALL
SURFACE DETAIL
N.T.S.

LEGEND

- | | | | |
|---------|---------------------------------------------|-------|---------------------------------|
| --- | EXISTING CONTOUR | | EROSION CONTROLS |
| x 300.0 | EXISTING SPOT ELEVATION | | STONE DUST DRIVE TO BE REMOVED |
| (O) | EXISTING TREE | --- | DIRECTION OF FLOW OF UNDERDRAIN |
| ==O== | EXISTING G.C.B. & STORM DRAIN | | |
| O.L.P. | EXISTING LIGHT POST | | |
| -x- | EXISTING CHAIN LINK FENCE | | |
| --- | PROPOSED CONTOUR | | |
| 300.0 | PROPOSED SPOT ELEVATION | | |
| --- | PROPOSED DRAIN BASIN (D.B.) & DRAINAGE PIPE | | |
| ● | PROPOSED LIGHT POSTS | | |
| --- | PROPOSED CHAIN LINK FENCE W/ GATE | | |
| --- | CONTRACT LIMIT LINE | | |

SITE PLAN - SITE IMPROVEMENTS

MERIDEN PARKS
WASHINGTON PARK
LIBERTY STREET
MERIDEN, CONNECTICUT

DESIGNED	G.M.M.	V.C.M.	MILONE & MACBROOM, INC.	261-13
SCALE	1" = 20'	CHECKED		PROJECT NO.
DATE	FEBRUARY 3, 1998		Civil Water Resource and Transportation Engineering - Landscape Architecture Surveying - Planning 716 South Main Street - Cheshire, Connecticut 06041 (203) 271-1773 • FAX (203) 272-9753	2
				SHEET NO.

ADD ALTERNATE #1

- ° CONSTRUCT NEW BASKETBALL COURT
- ° INSTALL NEW PROCESSED AGGREGATE STONE PATH AS SHOWN
- ° INSTALL ±204 LF OF NEW 10' HIGH CHAIN LINK FENCE
- ° PLANT 13 ABIES CONCOLORS (WHITE FIR) AS SHOWN
- ° INSTALL ASSOCIATED UNDERDRAIN

ADD ALTERNATE #2

- ° ALL LIGHTING AS SHOWN

ADD ALT. #2
EXISTING UTILITY POLE (NET 40' DIA)
PROVIDE RIGID GAL. STEEL CONDUIT RISER AND HARDWARE AS REQUIRED
3 #2 AWG
1 1/2" CONDUIT

MH #1 ("DOG HOUSE STYLE")
T.F. = 307.0
INV. = 303.8 (E)
INV. = 302.8 (W)

INSTALL ±176 LF OF NEW 10' HIGH CHAIN LINK FENCE

SEDIMENT FILTER FENCE

CONSTRUCT 3 NEW TENNIS COURTS

INSTALL SNOW FENCE TREE PROTECTION 4' MIN. FROM TRUNK OF TREE (TYP.)

EX. LIGHT POSTS TO BE REMOVED BY CITY (TYP. OF 2)

EX. CHAIN LINK FENCE TO BE REMOVED BY CITY

EXISTING BALL FIELD

EX. LIGHT POSTS TO BE REMOVED BY CITY (TYP. OF 2)

EX. CHAIN LINK FENCE TO BE REMOVED BY CITY

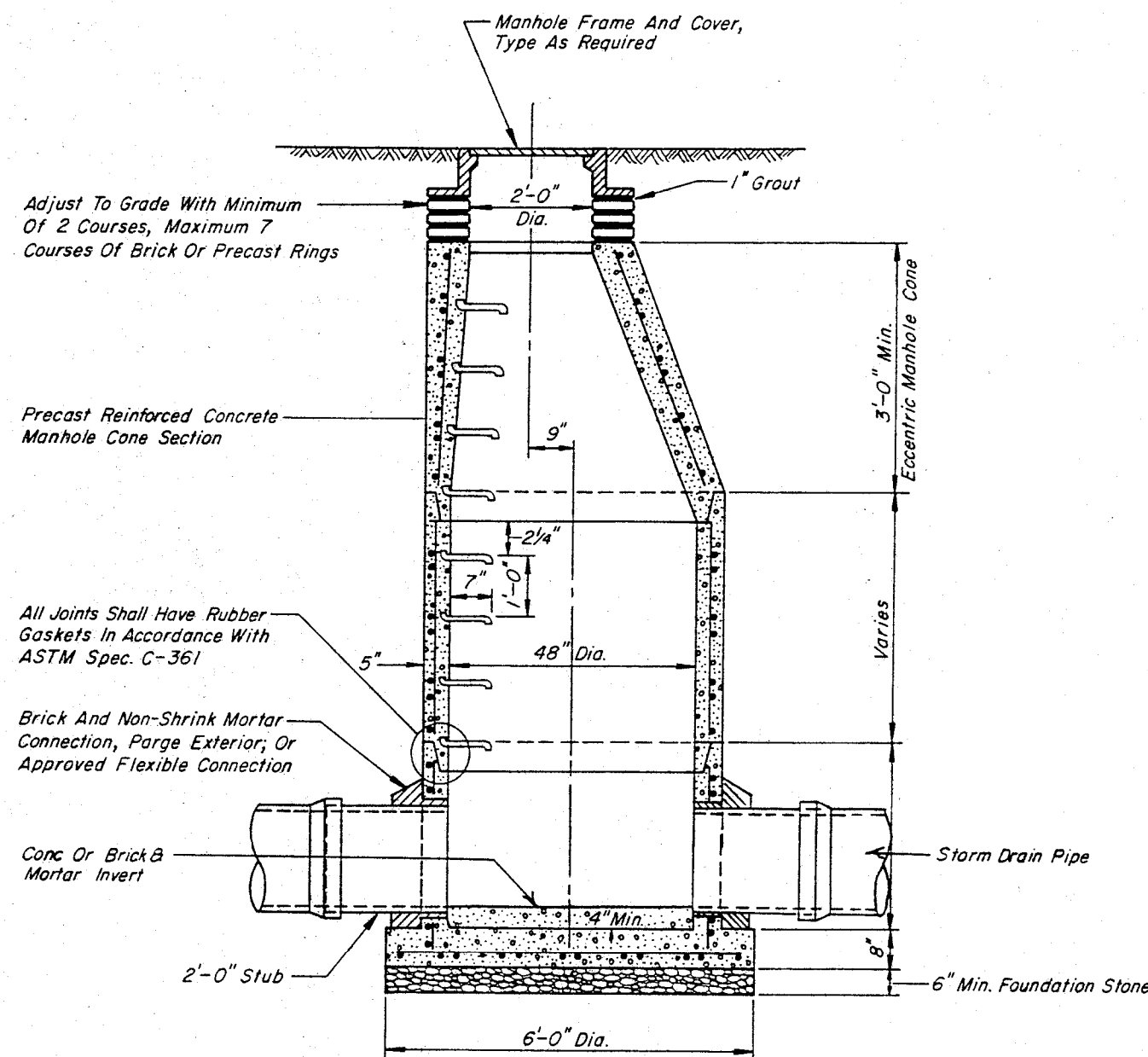
EX. LIGHT POSTS TO BE REMOVED BY CITY (TYP. OF 2)

EX. CHAIN LINK FENCE TO BE REMOVED BY CITY

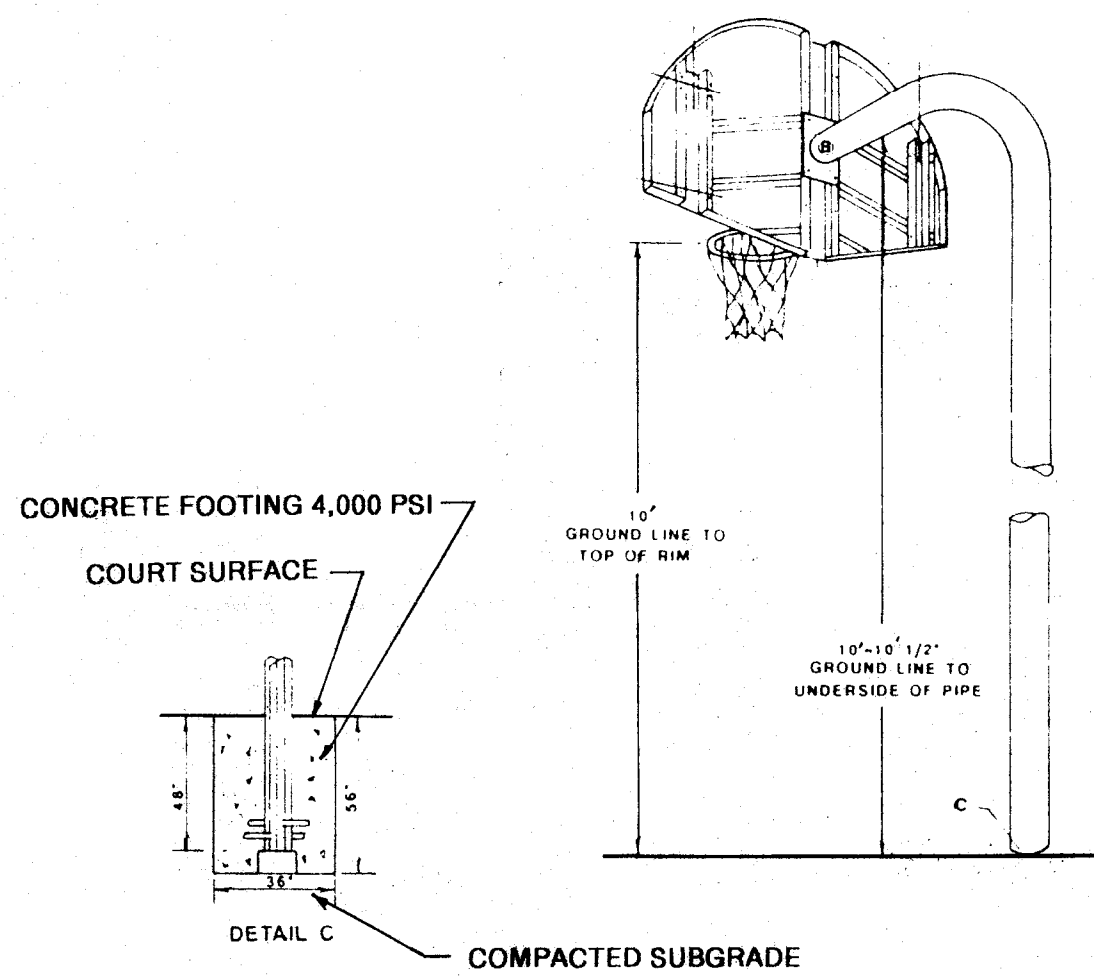
EX. LIGHT POSTS TO BE REMOVED BY CITY (TYP. OF 2)

EX. CHAIN LINK FENCE TO BE REMOVED BY CITY

EX. LIGHT POSTS TO BE REMOVED BY CITY (TYP. OF 2)

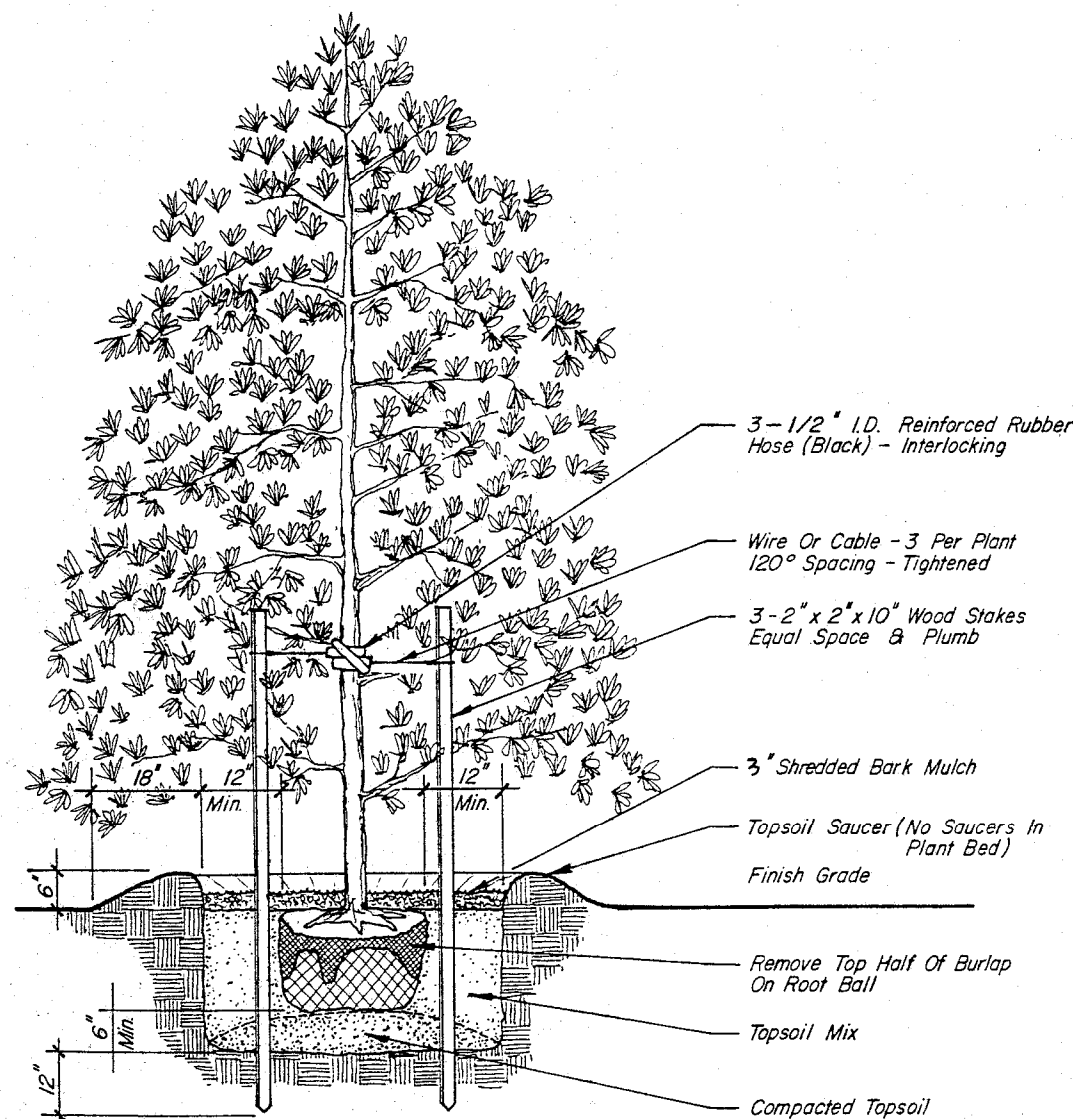


PRECAST CONCRETE STORM DRAINAGE MANHOLE
N.T.S.



BASKETBALL BACKSTOP DETAIL (ADD ALT. #1)

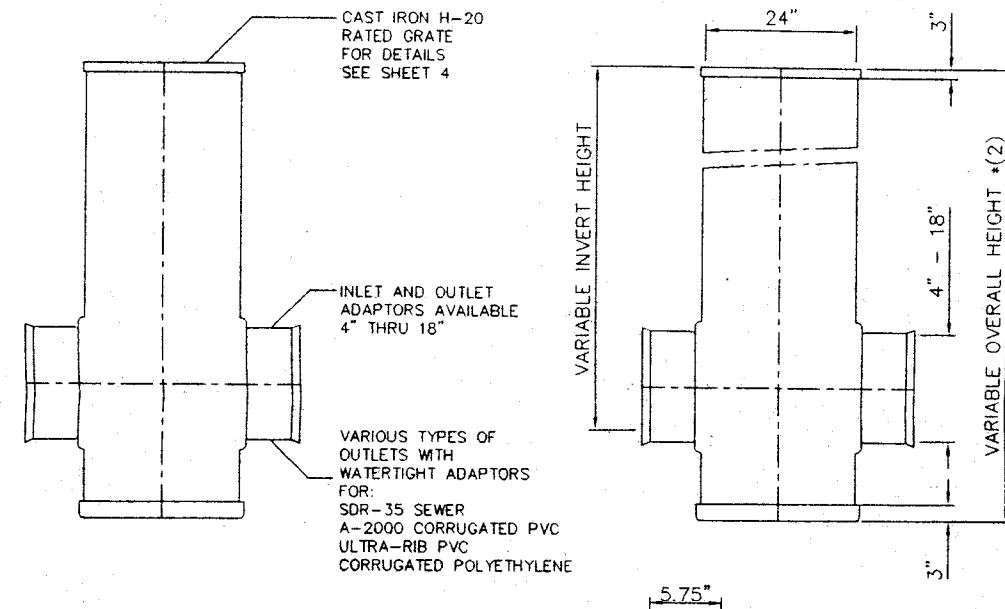
(POSTS, BACKBOARDS AND NETS TO BE SUPPLIED BY THE CITY OF MERIDEN)



PLANTING & STAKING DETAIL FOR EVERGREEN TREES
N.T.S.

NOTE: DETAILS ARE ILLUSTRATIVE AND SHOULD BE USED FOR GENERAL INFORMATION. DRAIN BASINS ARE CUSTOM BUILT AND THE MANUFACTURER WILL REQUIRE A COPY OF THE SITE PLAN. IN ANY CASE, THE CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR EACH ITEM. INSTALLATION SHALL BE IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS.

24\"/>



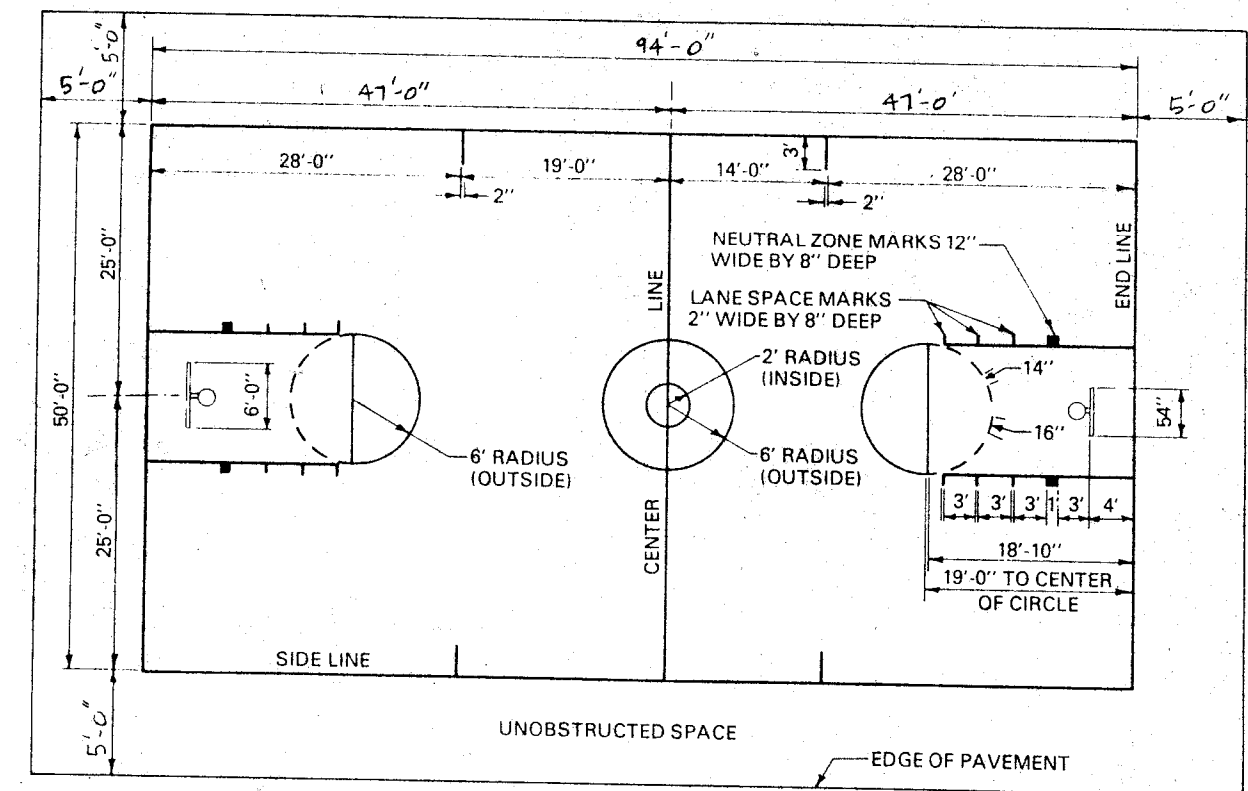
24\"/>

nyoplast usa inc
1100 North Street
Meriden, CT 06450
Tel: (203) 232-1145 • Fax: (203) 232-2100

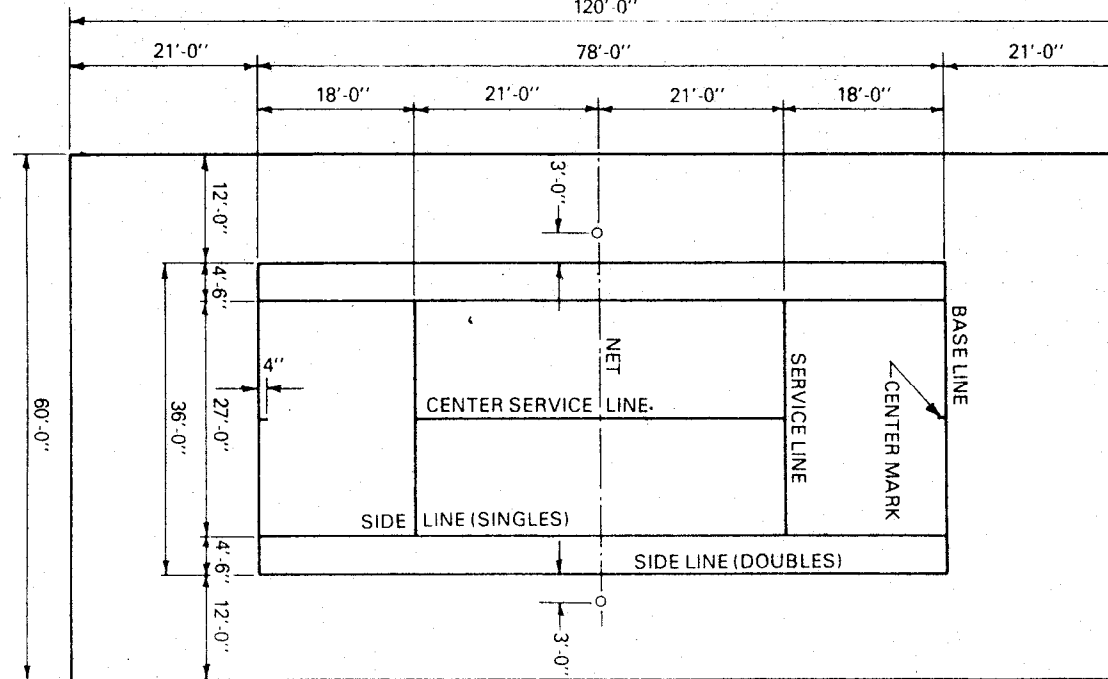
DRAIN BASINS
N.T.S.

NOTE: ALL DRAIN BASINS TO HAVE 1' SUMP

NOTES:
The color of the lane space marks and neutral zone marks shall contrast with the color of the bounding lines.
The midcourt marks shall be the same color as the bounding lines.
All lines shall be 2\"/>

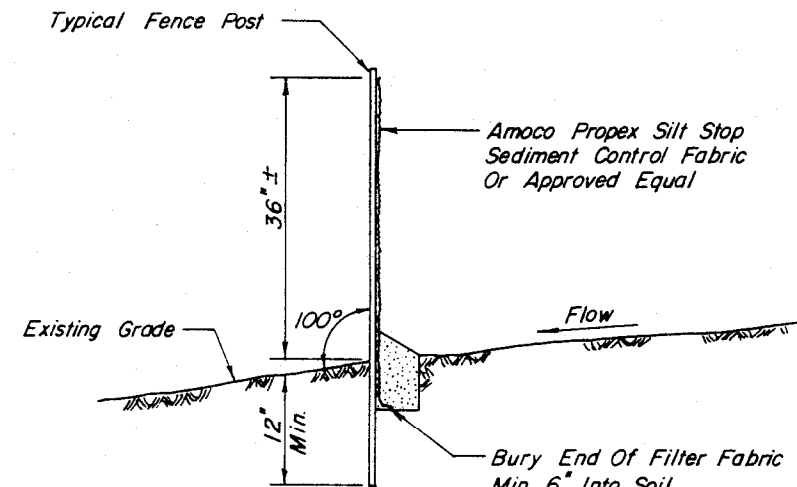


(ADD ALT. #1)
BASKETBALL COURT LAYOUT
N.T.S.

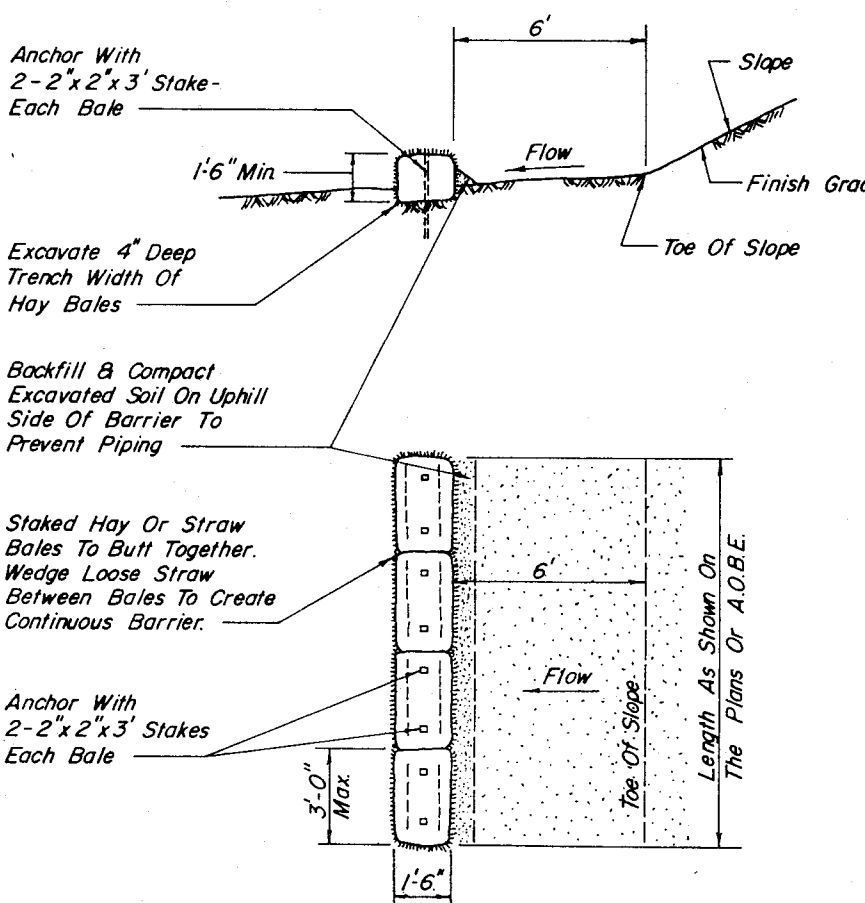


TENNIS COURT LAYOUT
N.T.S.

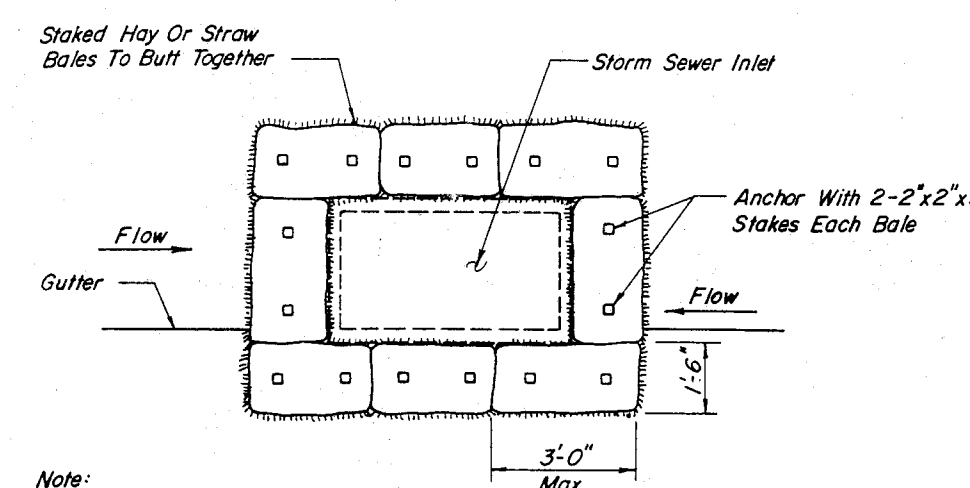
NOTES:
All measurements for court markings are to the outside of lines except for those involving the center service line which is equally divided between the right and left service courts.
All court markings to be 2\"/>



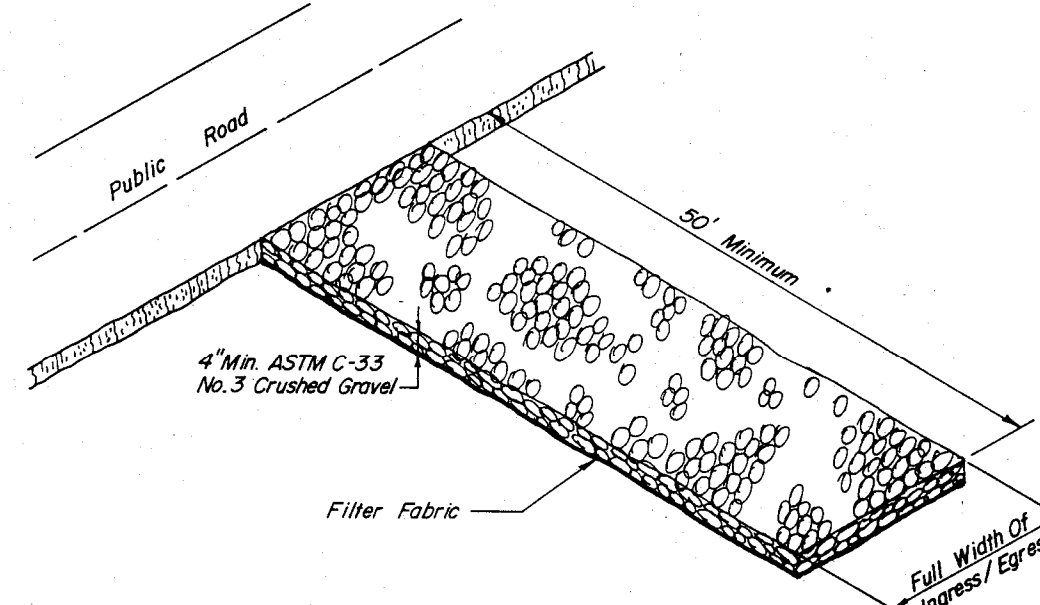
SEDIMENT FILTER FENCE
NTS



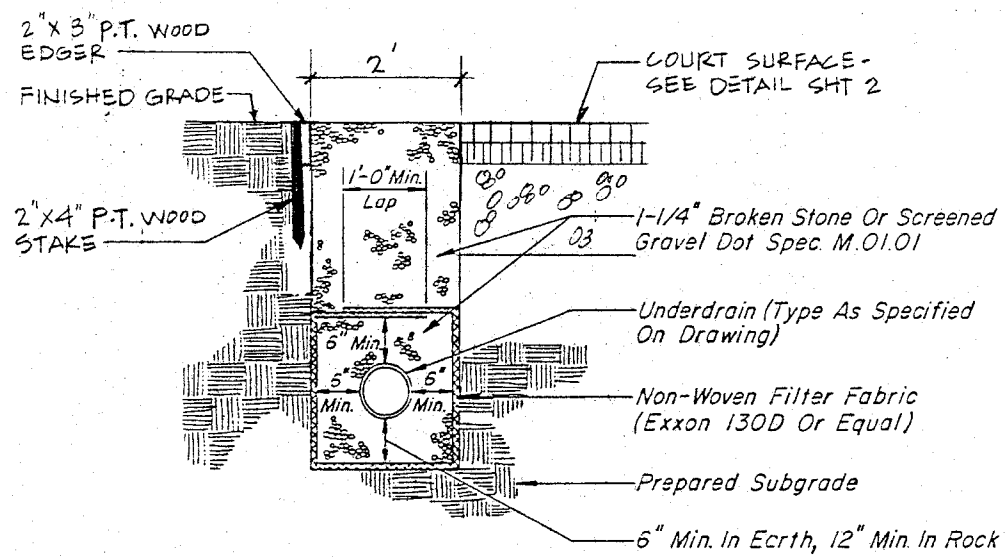
EROSION CHECK FOR SLOPES
NTS



EROSION CHECKS FOR STORM SEWER INLETS
NTS



CONSTRUCTION ENTRANCE
N.T.S.



TYPICAL UNDERDRAIN DETAIL
N.T.S.

NOTE: THIS DETAIL APPLIES TO WEST SIDE OF BASKETBALL COURT AND ALL SIDES OF TENNIS COURTS EXCEPT NORTH SIDE (SEE DETAIL SHT 2)

SEDIMENT & EROSION CONTROL SPECIFICATIONS

GENERAL:
THESE GUIDELINES SHALL APPLY TO ALL WORK CONSISTING OF ANY AND ALL TEMPORARY AND/OR PERMANENT MEASURES TO CONTROL WATER POLLUTION AND SOIL EROSION, AS MAY BE REQUIRED, DURING THE CONSTRUCTION OF THE PROJECT.

IN GENERAL, ALL CONSTRUCTION ACTIVITIES SHALL PROCEED IN SUCH A MANNER SO AS NOT TO POLLUTE ANY WETLANDS, WATERCOURSE, WATERBODY, AND CONDUIT CARRYING WATER, ETC. THE CONTRACTOR SHALL LIMIT, INsofar AS POSSIBLE, THE SURFACE AREA OF EARTH MATERIALS EXPOSED BY CONSTRUCTION METHODS AND IMMEDIATELY PROVIDE PERMANENT AND TEMPORARY POLLUTION CONTROL MEASURES TO PREVENT CONTAMINATION OF ADJACENT WETLANDS, WATERCOURSES, AND WATERBODIES, AND TO PREVENT, INsofar AS POSSIBLE, EROSION ON THE SITE.

LAND GRADING

- GENERAL:**
- THE RESHAPING OF THE GROUND SURFACE BY EXCAVATION AND FILLING OR A COMBINATION OF BOTH, TO OBTAIN PLANNED GRADES, SHALL PROCEED IN ACCORDANCE WITH THE FOLLOWING CRITERIA:
 - THE CUT FACE OF EARTH EXCAVATION SHALL NOT BE STEEPER THAN TWO HORIZONTAL TO ONE VERTICAL (2:1).
 - THE PERMANENT EXPOSED FACES OF FILLS SHALL NOT BE STEEPER THAN TWO HORIZONTAL TO ONE VERTICAL (2:1).
 - THE CUT FACE OF ROCK EXCAVATION SHALL NOT BE STEEPER THAN ONE HORIZONTAL TO FOUR VERTICAL (1:4).
 - PROVISION SHOULD BE MADE TO CONDUCT SURFACE WATER SAFELY TO STORM DRAINS TO PREVENT SURFACE RUNOFF FROM DAMAGING CUT FACES AND FILL SLOPES.
 - EXCAVATIONS SHOULD NOT BE MADE SO CLOSE TO PROPERTY LINES AS TO ENDANGER ADJOINING PROPERTY WITHOUT PROTECTING SUCH PROPERTY FROM EROSION, SLIDING, SETTLING, OR CRACKING.
 - NO FILL SHOULD BE PLACED WHERE IT WILL SLIDE OR WASH UPON THE PREMISES OF ANOTHER OWNER OR UPON ADJACENT WETLANDS, WATERCOURSES, OR WATERBODIES.
 - PRIOR TO ANY REGRADING, A STABILIZED CONSTRUCTION ENTRANCE SHALL BE PLACED AT THE ENTRANCE TO THE WORK AREA IN ORDER TO REDUCE MUD AND OTHER SEDIMENTS FROM LEAVING THE SITE.

TOPSOILING

- GENERAL:**
- TOPSOIL SHALL BE SPREAD OVER ALL EXPOSED AREAS IN ORDER TO PROVIDE A SOIL MEDIUM HAVING FAVORABLE CHARACTERISTICS FOR THE ESTABLISHMENT, GROWTH, AND MAINTENANCE OF VEGETATION.
 - UPON ATTAINING FINAL SUBGRADES, SCARIFY SURFACE TO PROVIDE A GOOD BOND WITH TOPSOIL.
 - REMOVE ALL LARGE STONES, TREE LIMBS, ROOTS AND CONSTRUCTION DEBRIS.
 - APPLY LIME ACCORDING TO SOIL TEST OR AT THE RATE OF TWO (2) TONS PER ACRE.
- MATERIAL:**
- TOPSOIL SHOULD HAVE PHYSICAL, CHEMICAL, AND BIOLOGICAL CHARACTERISTICS FAVORABLE TO THE GROWTH OF PLANTS.
 - TOPSOIL SHOULD HAVE A SANDY OR LOAMY TEXTURE.
 - TOPSOIL SHOULD BE RELATIVELY FREE OF SUBSOIL MATERIAL AND MUST BE FREE OF STONES (OVER 1\"/>

APPLICATION

- AVOID SPREADING WHEN TOPSOIL IS WET OR FROZEN.
- SPREAD TOPSOIL UNIFORMLY TO THE DEPTH SHOWN ON THE SITE PLAN.

TEMPORARY VEGETATIVE COVER

- GENERAL:**
- TEMPORARY VEGETATIVE COVER SHALL BE ESTABLISHED ON ALL UNPROTECTED AREAS THAT PRODUCE SEDIMENT, AREAS WHERE FINAL GRADING HAS BEEN COMPLETED, AND AREAS WHERE THE ESTIMATED PERIOD OF BARE SOIL EXPOSURE IS LESS THAN 12 MONTHS. TEMPORARY VEGETATIVE COVER SHALL BE APPLIED IF AREAS WILL NOT BE PERMANENTLY SEED BY SEPTEMBER 1.

SITE PREPARATION

- INSTALL REQUIRED SURFACE WATER CONTROL MEASURES.
- REMOVE LOOSE ROCK, STONE, AND CONSTRUCTION DEBRIS FROM AREA.
- APPLY LIME ACCORDING TO SOIL TEST OR AT THE RATE OF ONE (1) TON OF GROUND DOLOMITIC LIMESTONE PER ACRE (5 LBS. PER 100 SQ. FT.).
- APPLY FERTILIZER ACCORDING TO SOIL TEST OR AT THE RATE OF 300 LBS. OF 10-10-10 PER ACRE (7 LBS. PER 1,000 SQ. FT.) AND SECOND APPLICATION OF 200 LBS. OF 10-10-10 (5 LBS. PER 1,000 SQ. FT.) WHEN GRASS IS FOUR INCHES (4\") TO SIX INCHES (6\") HIGH. APPLY ONLY WHEN GRASS IS DRY.
- UNLESS HYDROSEEDING, WORK IN LIME AND FERTILIZER TO A DEPTH OF FOUR (4\") INCHES USING A DISK OR ANY SUITABLE EQUIPMENT.
- TILLAGE SHOULD ACHIEVE A REASONABLY UNIFORM LOOSE SEEDBED. WORK ON CONTOUR IF SITE IS SLOPING.

ESTABLISHMENT

- SELECT APPROPRIATE SPECIES FOR THE SITUATION. NOTE RATES AND SEEDING DATES (SEE VEGETATIVE COVER SELECTION & MULCHING SPECIFICATION BELOW).
- APPLY SEED UNIFORMLY ACCORDING TO THE RATE INDICATED BY BROADCASTING, DRILLING, OR HYDRAULIC APPLICATION.
- UNLESS HYDROSEEDING, COVER RYEGRASS SEEDS WITH NOT MORE THAN 1/4 INCH OF SOIL USING SUITABLE EQUIPMENT.
- MULCH IMMEDIATELY AFTER SEEDING IF REQUIRED. (SEE VEGETATIVE COVER SELECTION & MULCHING SPECIFICATION BELOW.) APPLY STRAW OR HAY MULCH AND ANCHOR TO SLOPES GREATER THAN 3% OR WHERE CONCENTRATED FLOW WILL OCCUR.

PERMANENT VEGETATIVE COVER

GENERAL:

- PERMANENT VEGETATIVE COVER SHALL BE ESTABLISHED AS VARIOUS SECTIONS OF THE PROJECT ARE COMPLETED IN ORDER TO STABILIZE THE SOIL, REDUCE DOWNSTREAM DAMAGE FROM SEDIMENT AND RUNOFF, AND TO ENHANCE THE AESTHETIC NATURE OF THE SITE. IT WILL BE APPLIED TO ALL CONSTRUCTION AREAS SUBJECT TO EROSION WHERE FINAL GRADING HAS BEEN COMPLETED AND A PERMANENT COVER IS NEEDED.

SITE PREPARATION:

- INSTALL REQUIRED SURFACE WATER CONTROL MEASURES.
- REMOVE LOOSE ROCK, STONE, AND CONSTRUCTION DEBRIS FROM AREA.
- PERFORM ALL PLANTING OPERATIONS PARALLEL TO THE CONTOURS OF THE SLOPE.
- APPLY TOPSOIL AS INDICATED ELSEWHERE HEREIN.
- APPLY FERTILIZER ACCORDING TO SOIL TEST OR:
 - SPREAD SEEDING: WORK DEEPLY IN SOIL, BEFORE SEEDING, 300 LBS. OF 10-10-10 FERTILIZER PER ACRE (7 LBS. PER 1,000 SQ. FT.), THEN SIX (6) TO EIGHT (8) WEEKS LATER, APPLY ON THE SURFACE AN ADDITIONAL 300 LBS. OF 10-10-10 FERTILIZER PER ACRE. AFTER SEPTEMBER 1, TEMPORARY VEGETATIVE COVER SHALL BE APPLIED.
 - FALL SEEDING: WORK DEEPLY IN SOIL, BEFORE SEEDING, 600 LBS. OF 10-10-10 FERTILIZER PER ACRE (14 LBS. PER 1,000 SQ. FT.).

ESTABLISHMENT:

- SMOOTH AND FIRM SEEDBED WITH CULTIPACKER OR OTHER SIMILAR EQUIPMENT PRIOR TO SEEDING (EXCEPT WHEN HYDROSEEDING).
- SELECT ADAPTED SEED MIXTURE FOR THE SPECIFIC SITUATION. NOTE RATES AND THE SEEDING DATES (SEE VEGETATIVE COVER SELECTION & MULCHING SPEC. BELOW).
- APPLY SEED UNIFORMLY ACCORDING TO RATE INDICATED, BY BROADCASTING, DRILLING, OR HYDRAULIC APPLICATION.
- COVER GRASS AND LEGUME SEED WITH NOT MORE THAN 1/4 INCH OF SOIL WITH SUITABLE EQUIPMENT (EXCEPT WHEN HYDROSEEDING).
- MULCH IMMEDIATELY AFTER SEEDING, IF REQUIRED, ACCORDING TO TEMPORARY MULCHING SPECIFICATIONS. (SEE VEGETATIVE COVER SELECTION & MULCHING SPECIFICATION BELOW).
- USE PROPER INOCULANT ON ALL LEGUME SEEDINGS, USE FOUR (4) TIMES NORMAL RATES WHEN HYDROSEEDING.
- USE SOIL WHERE THERE IS A HEAVY CONCENTRATION OF WATER AND IN CRITICAL AREAS WHERE IT IS IMPORTANT TO GET A QUICK VEGETATIVE COVER TO PREVENT EROSION.

MAINTENANCE:

- TEST FOR SOIL ACIDITY EVERY THREE (3) YEARS AND LIME AS REQUIRED.
- ON SITES WHERE GRASSES PREDOMINATE, BROADCAST ANNUALLY 500 POUNDS OF 10-10-10 FERTILIZER PER ACRE (12 LBS. PER 1,000 SQ. FT.) OR AS NEEDED ACCORDING TO ANNUAL SOIL TESTS.
- ON SITES WHERE LEGUMES PREDOMINATE, BROADCAST EVERY THREE (3) YEARS OR AS INDICATED BY SOIL TEST 300 POUNDS OF 9-20-20 OR EQUIVALENT PER ACRE (8 LBS. PER 1,000 SQ. FT.).

EROSION CHECKS

GENERAL:

- TEMPORARY PERVIOUS BARRIERS USING BALES OF HAY OR STRAW, HELD IN PLACE WITH STAKES DRIVEN THROUGH THE BALES AND INTO THE GROUND OR SEDIMENT FILTER FABRIC FASTENED TO A FENCE POST AND BURIED INTO THE GROUND, SHALL BE INSTALLED AND MAINTAINED AS REQUIRED TO CHECK EROSION AND REDUCE SEDIMENTATION.

CONSTRUCTION:

- BALES SHOULD BE PLACED IN A ROW WITH ENDS THIGHTLY ABUTTING THE ADJACENT BALES.
- EACH BALE SHALL BE EMBEDDED INTO THE SOIL A MINIMUM OF FOUR (4\") INCHES.
- BALES SHALL BE SECURELY ANCHORED IN PLACE BY WOOD STAKES OR REINFORCEMENT BARS DRIVEN THROUGH THE BALES AND INTO THE GROUND. THE FIRST STAKE IN EACH BALE SHALL BE ANGLED TOWARD THE PREVIOUSLY Laid BALE TO FORCE BALES TOGETHER.
- FILTER FABRIC SHALL BE SECURELY ANCHORED AT THE TOP OF A THREE FOOT (3') HIGH FENCE AND BURIED A MINIMUM OF FOUR INCHES (4\") TO THE SOIL. SEAMS BETWEEN SECTIONS OF FILTER FABRIC SHALL OVERLAP A MINIMUM OF TWO FEET (2').

INSTALLATION AND MAINTENANCE:

- BALED HAY EROSION BARRIERS SHALL BE INSTALLED AT ALL STORM SEWER INLETS.
- BALED HAY EROSION BARRIERS AND SEDIMENT FILTER FENCE SHALL BE INSTALLED AT THE LOCATION INDICATED ON THE PLAN AND IN ADDITIONAL AREAS AS MAY BE DEEMED APPROPRIATE DURING CONSTRUCTION.
- ALL EROSION CHECKS SHALL BE MAINTAINED UNTIL ADJACENT AREAS ARE STABILIZED.
- INSPECTION SHALL BE FREQUENT (AT MINIMUM MONTHLY AND BEFORE AND AFTER HEAVY RAIN) AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
- EROSION CHECKS SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPEDE STORMWATER FLOW OR DRAINAGE.

VEGETATIVE COVER SELECTION & MULCHING

TEMPORARY VEGETATIVE COVER:

PERENNIAL RYEGRASS 3 LBS./1,000 SQ. FT. (OULIUM PERENN)

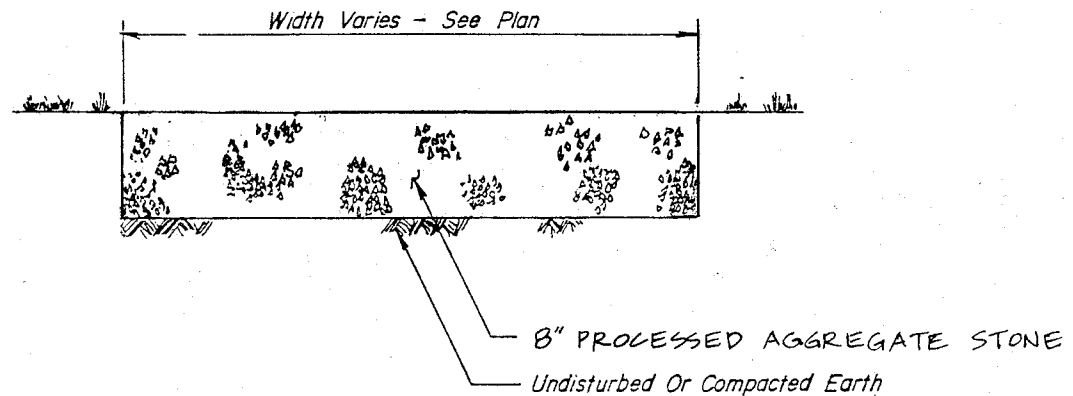
PERMANENT VEGETATIVE COVER:

(SEE SPECIFICATION)

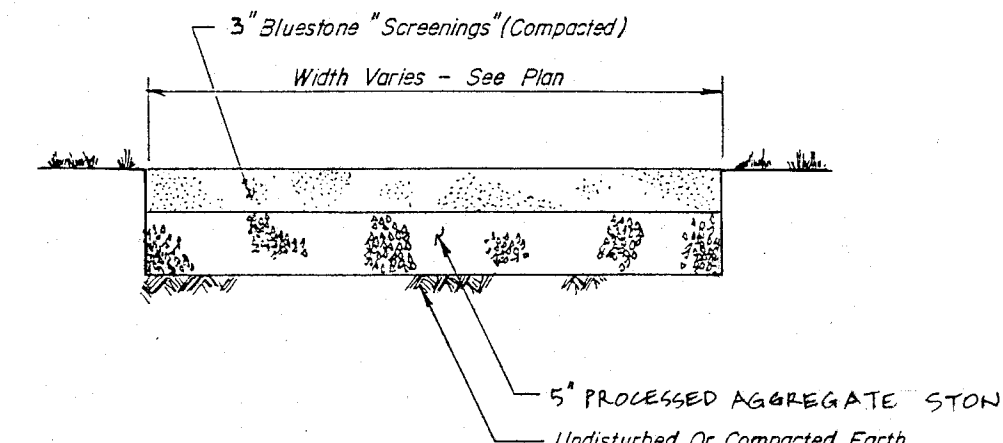
TEMPORARY MULCHING:

STRAW OR HAY 70-90 LBS./1,000 SQ. FT. (TEMPORARY VEGETATIVE AREAS)
WOOD FIBER IN HYDROMULCH SLURRY 25-50 LBS./1,000 SQ. FT.

MERIDEN, CT



PROCESSED AGGREGATE STONE SURFACE
N.T.S.



CRUSHED STONE PATH
N.T.S.

S & E CONTROL & SITE DETAILS				
MERIDEN PARKS WASHINGTON PARK LIBERTY STREET MERIDEN, CONNECTICUT				
DESIGNED	G.M.M.	V.C.M.	MILONE & MacBROOM, INC.	261-13
SCALE	AS SHOWN		Civil Water Resource and Transportation Engineering • Landscape Architecture Surveying • Planning	PROJECT NO.
DATE	FEBRUARY 3, 1998		716 South Main Street • Cheshire, Connecticut 06410 (203) 271-1775 • FAX (203) 272-9753	3 SHEET NO.

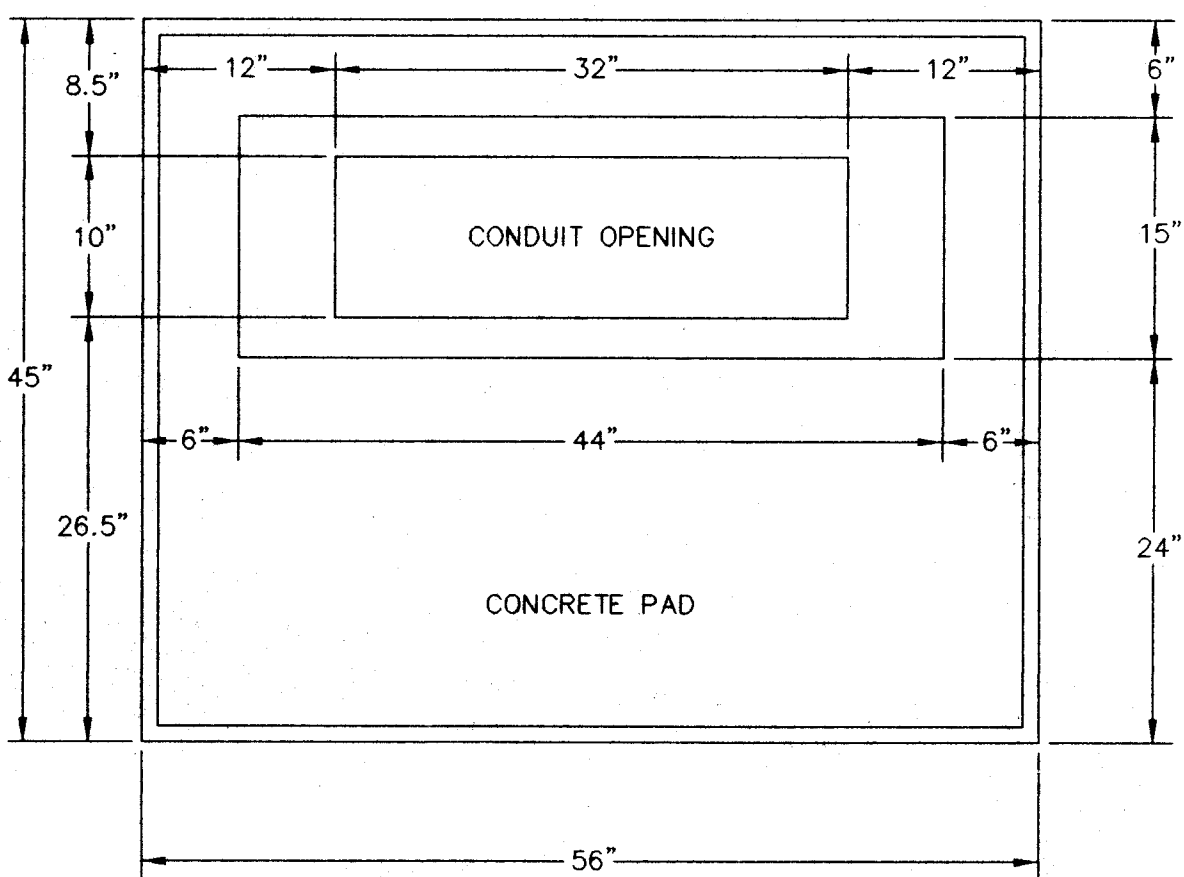
ELECTRICAL GENERAL NOTES

1. ALL ELECTRICAL WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE. ALL ELECTRICAL EQUIPMENT UTILIZED SHALL BE U.L. LISTED.
2. ELECTRICAL CONTRACTOR SHALL VISIT THE SITE TO BECOME FAMILIAR WITH EXISTING CONDITIONS, WORK AND MATERIALS REQUIRED PRIOR TO SUBMITTING HIS BID.
3. THESE DRAWINGS ARE DIAGRAMMATIC ONLY. EXACT LOCATIONS OF ALL EQUIPMENT AND ROUTING OF ALL CONDUIT AND CONDUCTORS SHALL BE FIELD DETERMINED.
4. THIS CONTRACTOR SHALL INCLUDE IN HIS BID, ALL FEES FOR CONSTRUCTION PERMITS, INSPECTIONS, UTILITY FEES, ETC..
5. ALL CONDUCTORS SHALL BE STRANDED COPPER, MINIMUM SIZE #12 AWG. CONDUCTOR INSULATION SHALL BE 600 VOLT- TYPE THHN/THWN MULTI-RATED UNLESS OTHERWISE NOTED. COLOR CODE ALL CONDUCTORS IN ACCORDANCE WITH NEC.
6. ALL CONDUCTORS SHALL BE INSTALLED IN PVC SCHEDULE 40 CONDUIT UNLESS OTHERWISE NOTED. MINIMUM SIZE CONDUIT SHALL BE 3/4".
7. MINIMUM BURIAL DEPTH FOR UNDERGROUND CONDUIT SHALL BE 24". INSTALL MAGNETIC TRACE TAPE ABOVE ALL INSTALLED PVC CONDUIT TO AID IN FUTURE LOCATION.
8. ALL ELECTRICAL EQUIPMENT SHALL BE GROUNDED. ALL GROUNDING CONDUCTORS SHALL BE SIZED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE. WHERE GROUNDING CONDUCTOR IS RUN ENCLOSED WITH OTHER CONDUCTORS, THE GROUNDING CONDUCTOR SHALL BE INSULATED WITH GREEN COLORED INSULATION.
9. SHOP DRAWINGS FOR THE FOLLOWING EQUIPMENT SHALL BE SUBMITTED FOR ENGINEERS APPROVAL PRIOR TO INSTALLATION:
- A. ELECTRIC METER.
 - B. ELECTRIC PANEL.
 - C. LIGHTING STANDARDS.
 - D. GFI DUPLEX RECEPTACLE.
 - E. TIME CLOCK.
 - F. WEATHERPROOF ENCLOSURE.

LIGHTING STANDARD SCHEDULE

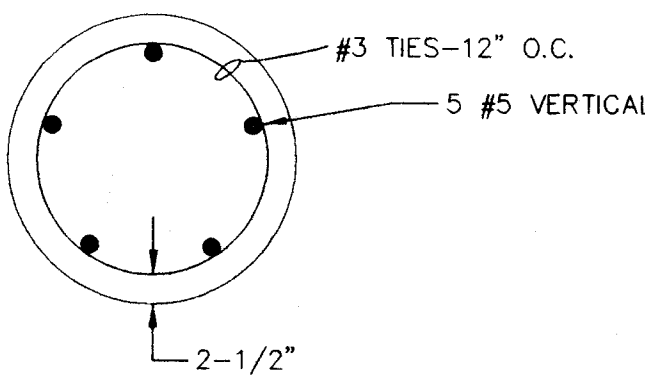
TYPE	"A1"	"A2"
MANUFACTURER	LITHONIA HI TEK SPORTSLITER	LITHONIA HI TEK SPORTSLITER
FIXTURE/S	(3) TV 1000M GP5 240 TVTS DF DDB	(2) TV 1000M GP6 240 TVTS DF DDB
BALLAST	CONSTANT-WATTAGE AUTOTRANSFORMER 240VAC - HIGH POWER FACTOR	CONSTANT-WATTAGE AUTOTRANSFORMER 240VAC - HIGH POWER FACTOR
LAMP	MS1000/HOR METAL HALIDE	MS1000/HOR METAL HALIDE
POLE	SSS 35 6G T20 BS38 TPS BULLHORN DDB	SSS 35 6G T20 BS28 TPS BULLHORN DDB
REMARKS	DARK BRONZE FINISH ON ENTIRE ASSEMBLY INCLUDING BULLHORN MOUNTING BRACKET. PROVIDE ANCHOR BOLTS, BASE COVER AND TAMPER PROOF SCREWS ON HANDHOLE COVER.	DARK BRONZE FINISH ON ENTIRE ASSEMBLY INCLUDING BULLHORN MOUNTING BRACKET. PROVIDE ANCHOR BOLTS, BASE COVER AND TAMPER PROOF SCREWS ON HANDHOLE COVER.

FOUNDATION PLAN



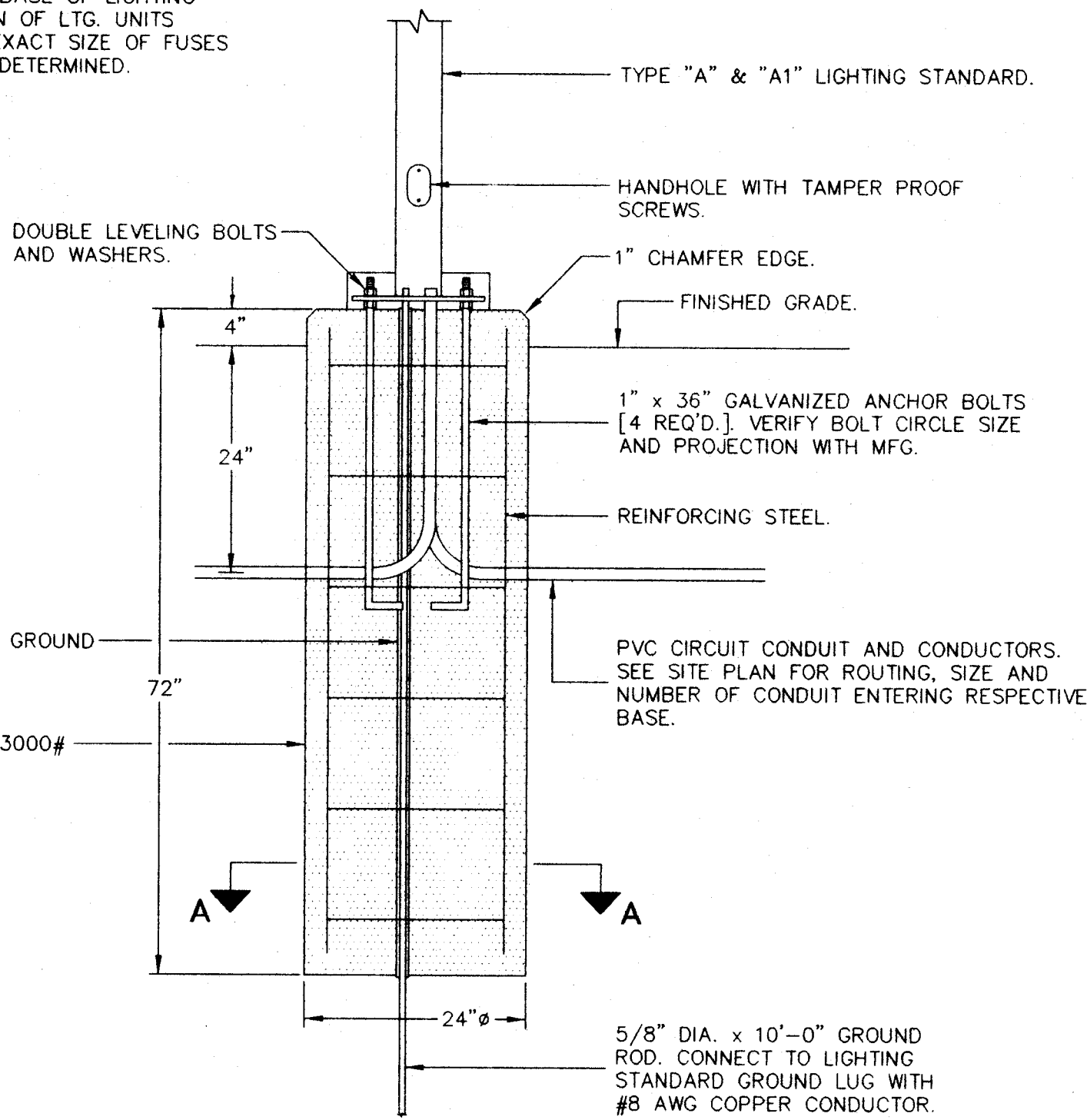
NOTE - ELECTRIC SERVICE AND CONTROL ENCLOSURE

1. ENCLOSURE SHALL BE EQUAL TO HENNESSY PRODUCTS, INC. CAT. No. DD604415, NEMA 3R ALUMINUM CONSTRUCTION, FINISH SHALL BE DARK GREEN ENAMEL. SUBMIT ENCLOSURE EQUIPMENT (PANEL, RELAYS, METER, ETC.) LAYOUT FOR ENGINEERS REVIEW PRIOR TO INSTALLATION.
2. RELAY SHALL BE EQUAL TO ASCO 917122031C (12 N/O POLES) MOUNTED IN A NEMA 1 ENCLOSURE. CONTROL VOLTAGE SHALL BE 120VAC. PROVIDE SOLID STATE CONTROL MODULE FOR 2 WIRE TIME CLOCK CONTROL.
3. TIME CLOCK SHALL BE EQUAL TO TORK 7000Z SERIES WITH ASTRONOMIC DIAL AND RESERVE POWER FEATURE. CONTROL VOLTAGE SHALL BE 120VAC. CONTACTS SHALL BE SPST RATED AT 40 AMPS. ENCLOSURE SHALL BE INDOOR/OUTDOOR NORYL.
4. ELECTRIC PANEL SHALL BE EQUAL TO GENERAL ELECTRIC POWER MARK PLUS SERIES, 100 AMP/120-240VAC/1PH/3W, 20 CIRCUIT WITH 100 AMP MAIN CIRCUIT BREAKER IN NEMA 1 ENCLOSURE. PROVIDE NEUTRAL AND GROUNDING PADS IN PANEL. BRANCH CIRCUIT BREAKER COMPLEMENT SHALL BE AS FOLLOWS:
- A. 6-20A-2P (HID) C/B'S FOR TENNIS AND BASKETBALL LIGHTING STANDARDS.
 - B. 1-20A-1P C/B FOR ENCLOSURE RECEPTACLE.
 - C. 1-20A-1P C/B FOR TIME CLOCK AND RELAY.
 - D. 6 SPACES FOR FUTURE CIRCUIT BREAKERS.



SECTION A-A

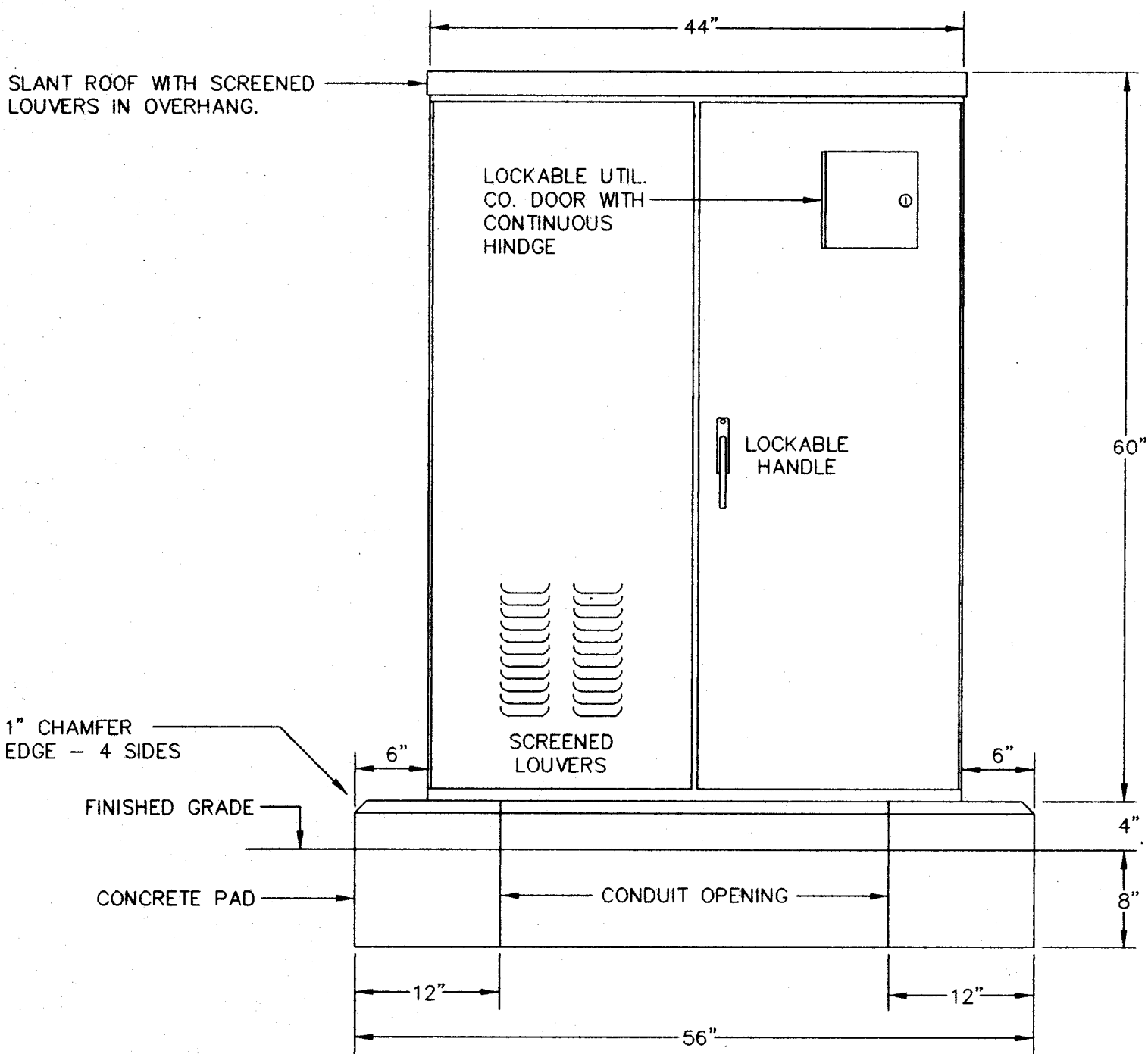
NOTE: PROVIDE BUSS BREAKAWAY WEATHERPROOF FUSE AND FUSEHOLDER IN BASE OF LIGHTING STANDARD FOR CONNECTION OF LTG. UNITS TO CIRCUIT CONDUCTORS. EXACT SIZE OF FUSES REQUIRED SHALL BE FIELD DETERMINED.



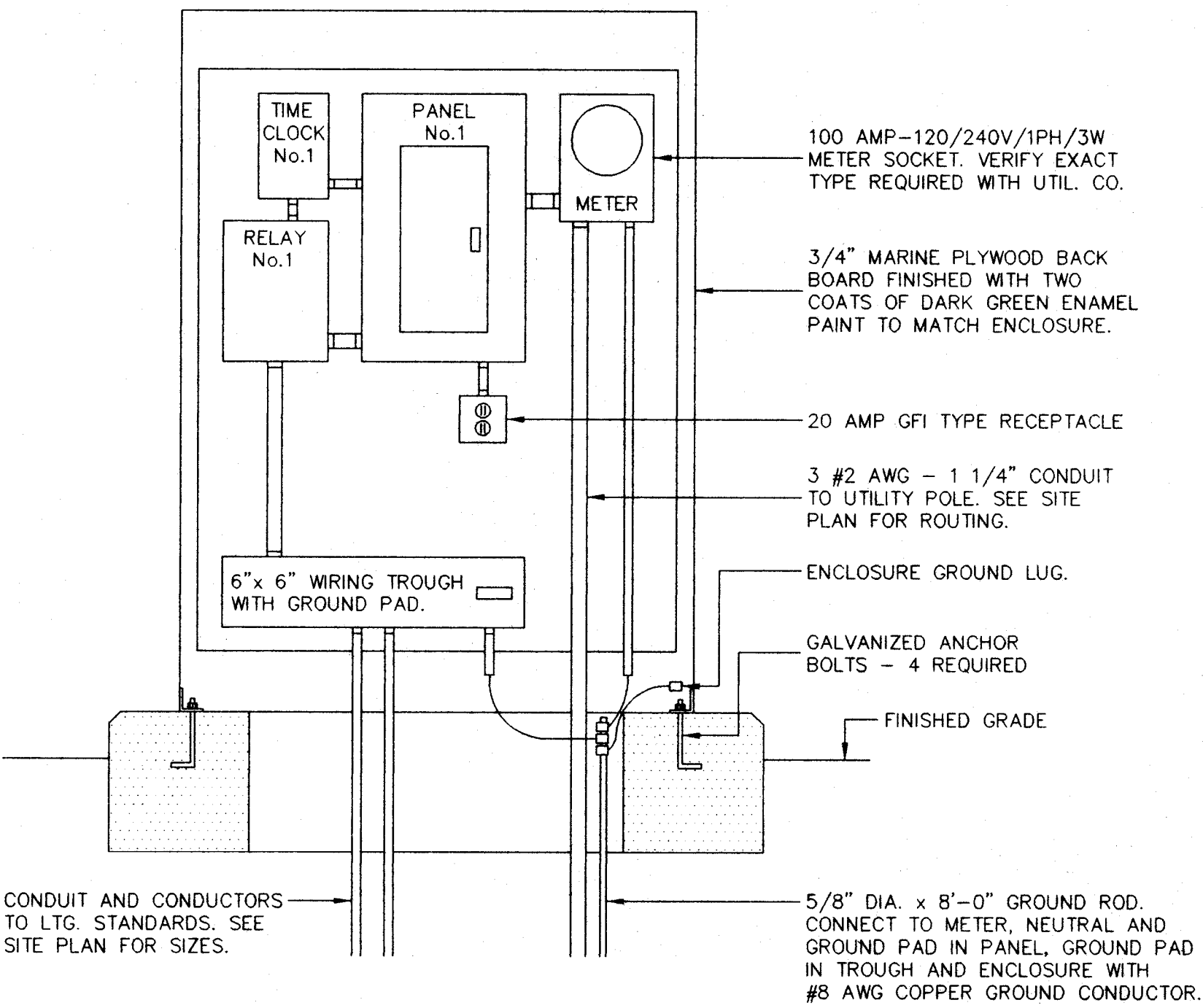
TYPE 'A' AND 'A1' LIGHTING STANDARD BASE DETAIL

SCALE: 3/4"=1'-0"

EXTERIOR ELEVATION



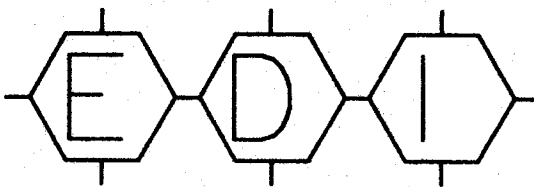
INTERIOR ELEVATION



ELECTRIC SERVICE AND CONTROL ENCLOSURE

SCALE: 1"=1'-0"

NOTE: ALL LIGHTING AND ELECTRICAL DETAILS SHOWN ON THIS SHEET AND ON SHEET 2 REPRESENT ADD ALTERNATE #2



ELECTRICAL DESIGNS, INC.
28 PINE TREE DRIVE
BRANFORD, CONNECTICUT 06405
TEL (203) 481-6009
FAX (203) 481-4873

ELECTRICAL DETAILS

MERIDEN PARKS
WASHINGTON PARK
LIBERTY STREET
MERIDEN, CONNECTICUT

DESIGNED	DRAWN	CHECKED	REVIEWED	PROJECT NO.
KT	KT	KT		261-13
SCALE	AS SHOWN			
DATE	FEBRUARY 3, 1988			

MILONE & MACBROOM, INC.
Civil, Water Resource and Transportation
Engineering - Landscape Architecture
Surveying - Planning
76 South Main Street - Cheshire, Connecticut 06034
(203) 271-7773 - FAX (203) 272-9733

4
SHEET NO.