

EAST GREENWICH MIDDLE SCHOOL

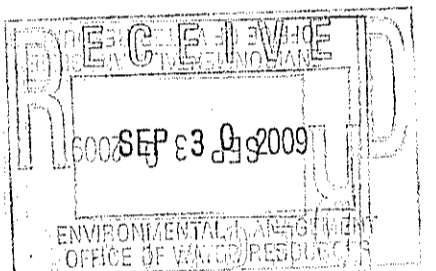
100 CEDAR AVENUE, EAST GREENWICH, RI

REQUEST FOR PRELIMINARY DETERMINATION AND UNDERGROUND INJECTION CONTROL PROGRAM APPLICATIONS

SEPTEMBER 22, 2009

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DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED NOV 20 2009 FILE # 09-0251
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

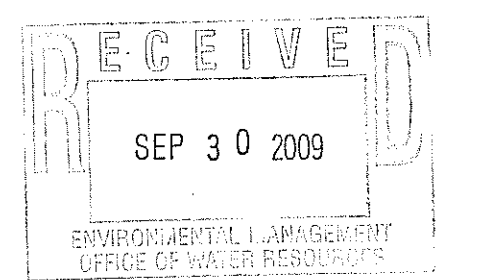
Charles A. Herbert

SMMA
SYMME MAINT & MCKEE ASSOCIATES

1000 Massachusetts Avenue
Cambridge, Massachusetts 02138

OWNER REVIEW

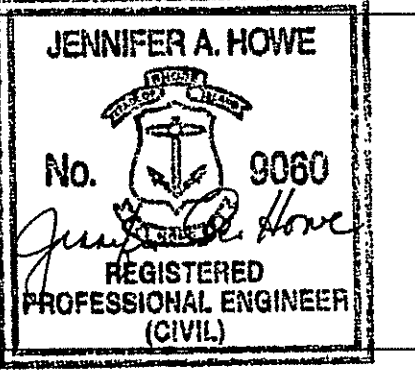
NAME _____ DATE _____



09.09.09	CONSTRUCTION DOCUMENTS	
07.24.08	PERMIT SET	
NO.	DATE	DESCRIPTION

ISSUE LOG

△ = CLOUDED CHANGE
EAST GREENWICH MIDDLE SCHOOL
100 CEDAR AVENUE
EAST GREENWICH, RI 02818

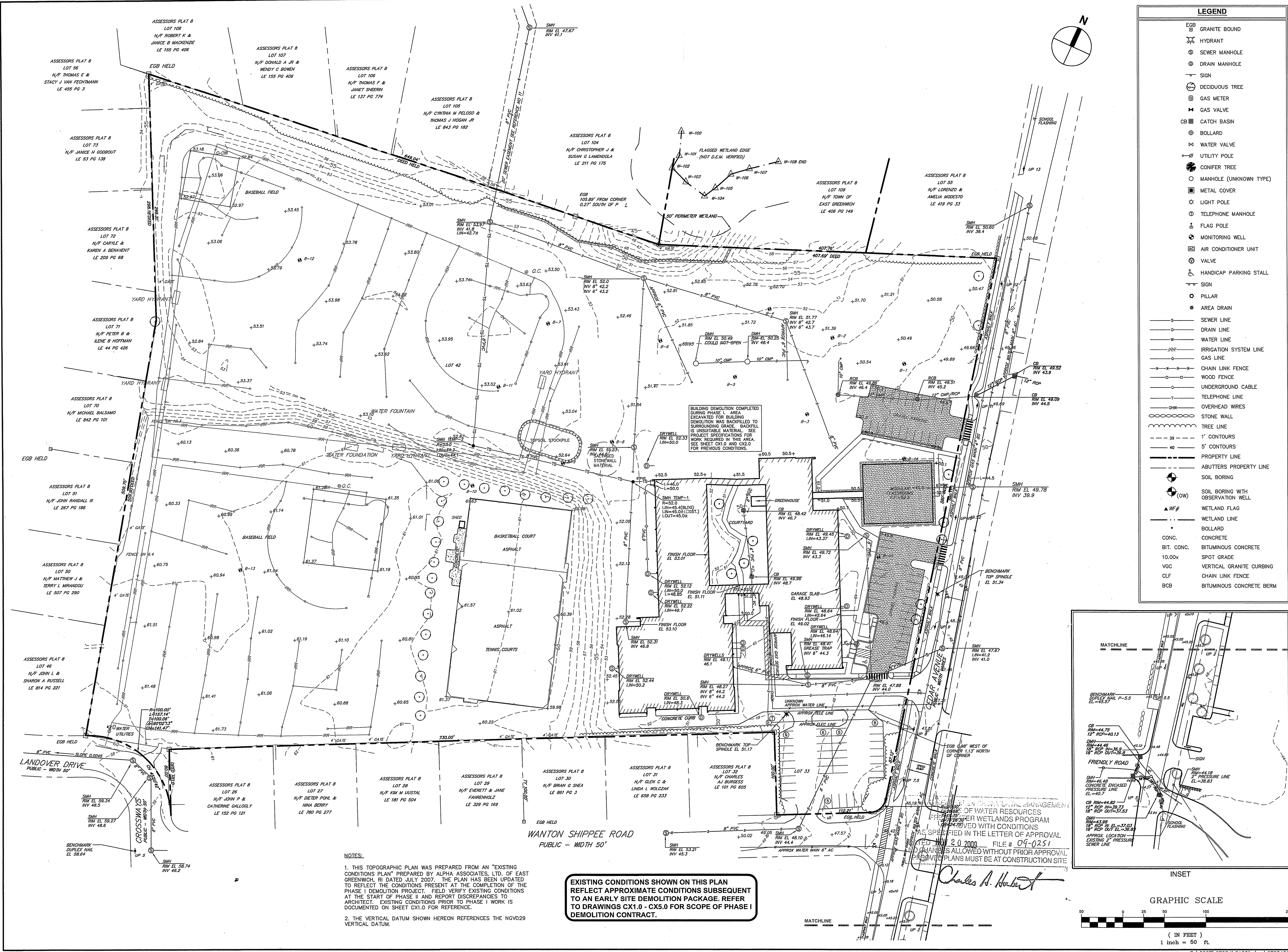


EXISTING CONDITIONS PLAN

SCALE 1"=50'
DRAWN BY JAH
CHECKED BY _____
PROJ. ARCH./ENGR. JAH
PROJ. MGR. LBF
JOB NO. 07084.03
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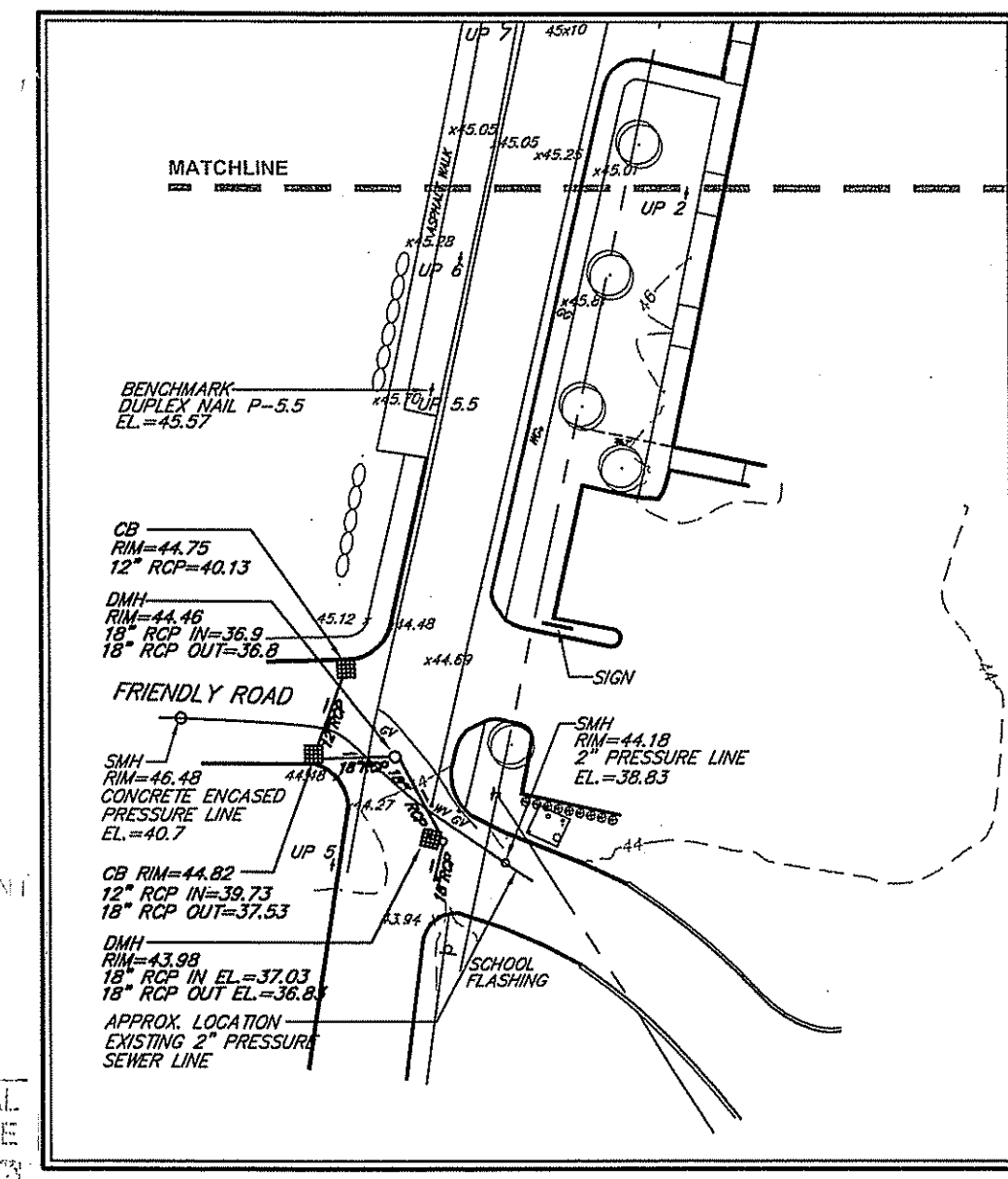
C1.01



LEGEND

- EGB GRANITE BOUND
- HYDRANT
- SEWER MANHOLE
- DRAIN MANHOLE
- SIGN
- DECIDUOUS TREE
- GAS METER
- GAS VALVE
- CATCH BASIN
- BOLLARD
- WATER VALVE
- UTILITY POLE
- CONIFER TREE
- MANHOLE (UNKNOWN TYPE)
- METAL COVER
- LIGHT POLE
- TELEPHONE MANHOLE
- FLAG POLE
- MONITORING WELL
- AIR CONDITIONER UNIT
- VALVE
- HANDICAP PARKING STALL
- SIGN
- PILLAR
- AREA DRAIN
- SEWER LINE
- DRAIN LINE
- WATER LINE
- IRRIGATION SYSTEM LINE
- GAS LINE
- CHAIN LINK FENCE
- WOOD FENCE
- UNDERGROUND CABLE
- TELEPHONE LINE
- OVERHEAD WIRES
- STONE WALL
- TREE LINE
- 1' CONTOURS
- 5' CONTOURS
- PROPERTY LINE
- ADJUTERS PROPERTY LINE
- SOIL BORING
- SOIL BORING WITH OBSERVATION WELL
- WETLAND FLAG
- WETLAND LINE
- BOLLARD
- CONC.
- BIT. CONC.
- 10.00x
- VGC
- CLF
- BCB

BUILDING DEMOLITION COMPLETED DURING PHASE I. AREA EXCAVATED FOR BUILDING DEMOLITION WAS BACKFILLED TO SURROUNDING GRADE. BACKFILL IS UNSUITABLE MATERIAL. SEE PROJECT SPECIFICATIONS FOR WORK REQUIRED IN THIS AREA. SEE SHEET CX1.0 AND CX2.0 FOR PREVIOUS CONDITIONS.



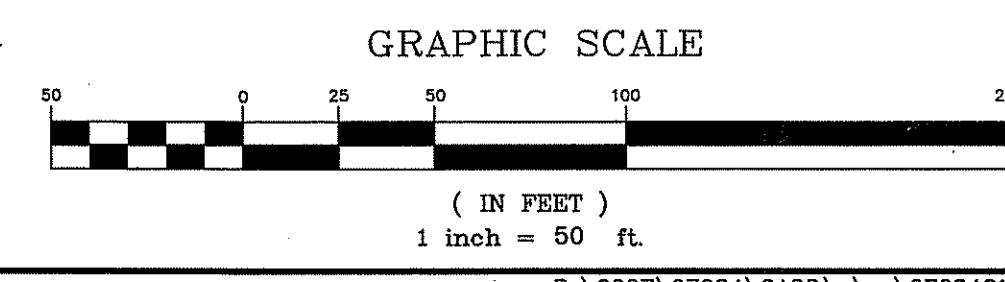
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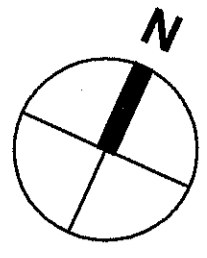
- THIS TOPOGRAPHIC PLAN WAS PREPARED FROM AN "EXISTING CONDITIONS PLAN" PREPARED BY ALPHA ASSOCIATES, LTD. OF EAST GREENWICH, RI DATED JULY 2007. THE PLAN HAS BEEN UPDATED TO REFLECT THE CONDITIONS PRESENT AT THE COMPLETION OF THE PHASE I DEMOLITION PROJECT. FIELD VERIFY EXISTING CONDITIONS AT THE START OF PHASE II AND REPORT DISCREPANCIES TO ARCHITECT. EXISTING CONDITIONS PRIOR TO PHASE I WORK IS DOCUMENTED ON SHEET CX1.0 FOR REFERENCE.
- THE VERTICAL DATUM SHOWN HEREON REFERENCES THE NGVD29 VERTICAL DATUM.

EXISTING CONDITIONS SHOWN ON THIS PLAN REFLECT APPROXIMATE CONDITIONS SUBSEQUENT TO AN EARLY SITE DEMOLITION PACKAGE. REFER TO DRAWINGS CX1.0 - CX5.0 FOR SCOPE OF PHASE I DEMOLITION CONTRACT.

MANAGEMENT OF WATER RESOURCES
PREPARED FOR THE LETTER OF APPROVAL
FILE # 09-0251
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Charles A. Howe





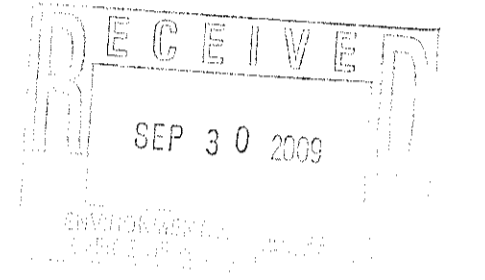
LEGEND

- D— DRAIN LINE
- TS— TEMPORARY SEWER LINE
- CPE CORRUGATED POLYETHYLENE PIPE
- CB CATCH BASIN
- SMH SEWER MANHOLE
- x7.25 SPOT GRADE
- - - - - EXISTING CONTOUR
- - - - - LIMIT OF WORK
- ▤ HAYBALES W/SILT FENCE
- - - - - PROPOSED BUILDING OR MODULARS
- - - - - PROPOSED EDGE OF PAVEMENT
- ▨ REMOVE BITUMINOUS PAVEMENT, WALKWAY AND ADJACENT CURBING
- ▩ REMOVE UNDERGROUND UTILITIES BUILDING, CONCRETE SLAB, AND FOUNDATIONS, COMPLETE
- ☁ REMOVE AND CLEAR TREES
- ▤▤▤ SAWCUT PAVEMENT
- PROTECT TREE
- REMOVE TREE
- ▨ TEMPORARY CONSTRUCTION ENTRANCE
- ▨▨▨ TEMPORARY CONSTRUCTION FENCE
- X— REMOVE UTILITY

GENERAL & EROSION CONTROL NOTES

1. EROSION AND SEDIMENTATION CONTROL MEASURES MUST BE IN PLACE AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY SITEWORK OR EARTHWORK OPERATIONS, AND MUST BE MAINTAINED DURING CONSTRUCTION, AND REMAIN IN PLACE UNTIL SITEWORK IS COMPLETE AND GROUND COVER IS ESTABLISHED.
2. SOIL STOCKPILES MUST BE SURROUNDED ON THEIR PERIMETERS WITH STAKED HAYBALES AND/OR SILTATION FENCES TO PREVENT AND/OR CONTROL EROSION.
3. DISTURBED OR EXPOSED AREAS SUBJECT TO EROSION MUST BE STABILIZED WITH MULCH OR SEEDED FOR TEMPORARY VEGETATIVE COVER. NO AREA, SUBJECT TO EROSION CAN BE LEFT DISTURBED AND UNSTABILIZED FOR PERIODS LONGER THAN IS ABSOLUTELY NECESSARY TO CARRY OUT THAT PORTION OF THE CONSTRUCTION WORK OR SIX MONTHS AFTER SOIL HAS BEEN DISTURBED, WHICHEVER IS LESS.
4. EROSION CONTROL MEASURES MUST BE ROUTINELY INSPECTED, CLEANED AND REPAIRED OR REPLACED AS NECESSARY THROUGHOUT ALL PHASES OF CONSTRUCTION. IN ADDITION, INSPECTION MUST TAKE PLACE AFTER EACH RAINFALL EVENT.
5. THE CONTRACTOR MUST KEEP ON SITE AT ALL TIMES ADDITIONAL HAYBALES AND EXTRA SILTATION FENCING FOR INSTALLATION AT THE DIRECTION OF THE ENGINEER TO MITIGATE AN EMERGENCY CONDITION. MINIMUM RESERVES MUST INCLUDE 100 LF OF SILT FENCE MATERIAL AND 50 LF OF HAYBALES WITH STAKES.
6. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND PAYING FOR PERMITS AND/OR CONNECTION FEES REQUIRED TO CARRY OUT THE WORK.
7. DISPOSE OF DEMOLISHED MATERIAL OFF SITE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL MUNICIPAL REQUIREMENTS.
8. THE ENTRANCES AND EXITS FROM THE SITE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT INTO THE PUBLIC WAY. ALL SEDIMENT THAT IS TRACKED, SPILLED OR WASHED INTO THE PUBLIC WAY SHALL BE REMOVED BY THE CONTRACTOR IMMEDIATELY.
9. ALL FRAMES, GRATES AND COVERS FROM STRUCTURES SCHEDULED FOR REMOVAL SHALL REMAIN THE PROPERTY OF THE OWNER. STORE SALVAGED MATERIALS ON-SITE.
10. NEW SCHOOL WILL BE IN OPERATION THROUGHOUT CONSTRUCTION. COORDINATE WORK WITH OWNER'S PROJECT MANAGER AND ARCHITECT.
11. REMOVE TEMPORARY FENCE AND GATES AT COMPLETION OF CONSTRUCTION.

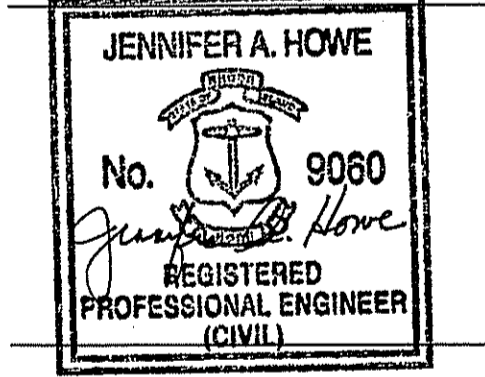
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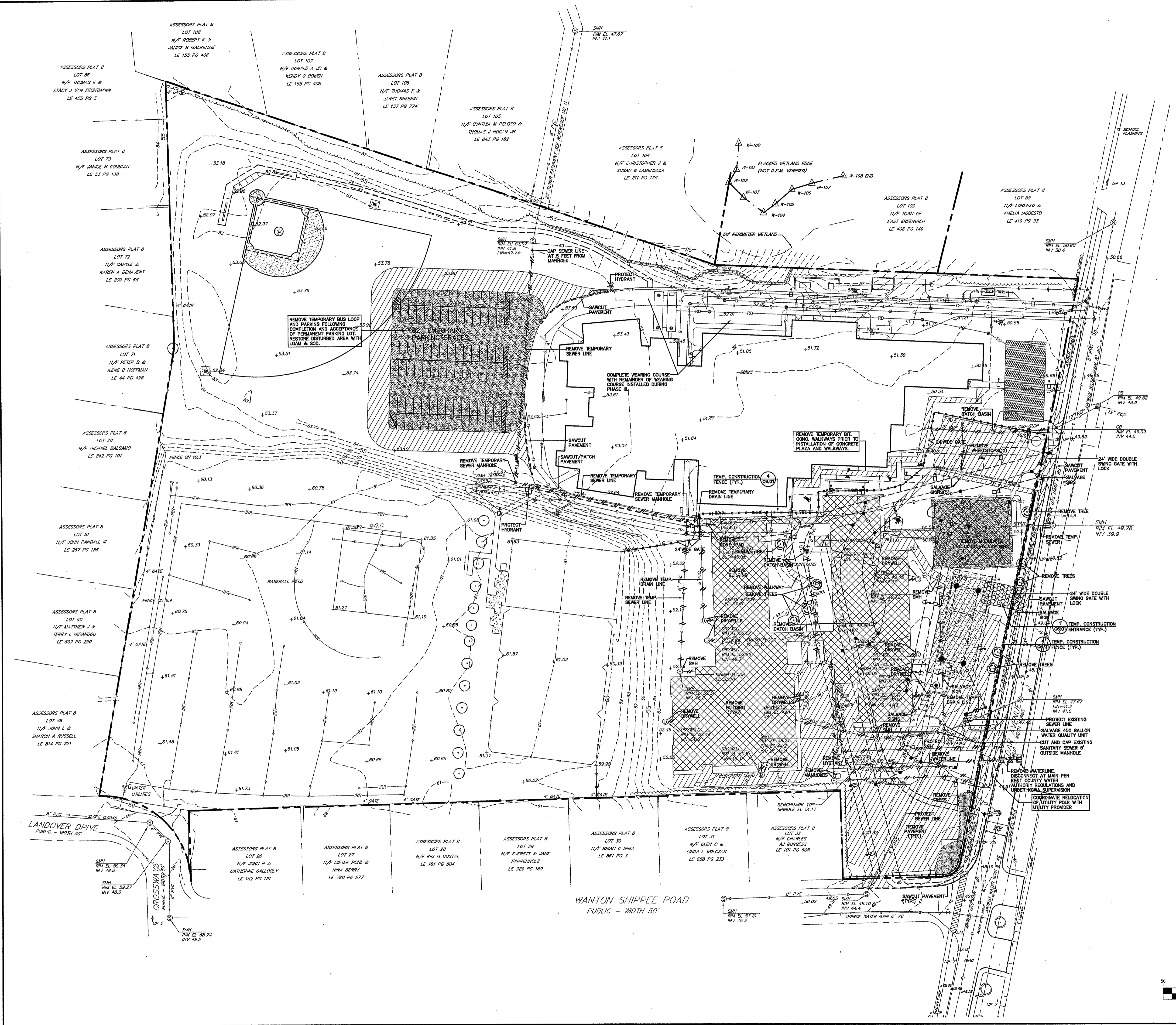
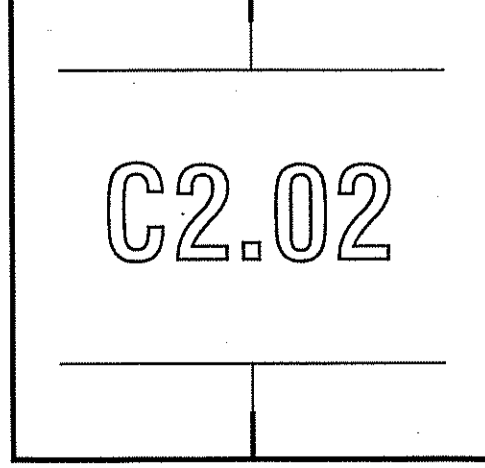
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100 CEDAR AVENUE
EAST GREENWICH, RI 02818



SITE PREPARATION PLAN - PHASE III

SCALE	1"=50'
DRAWN BY	JAH
CHECKED BY	
PROJ. ARCH./ENGR.	JAH
PROJ. MGR.	LBF
JOB NO.	07084.03

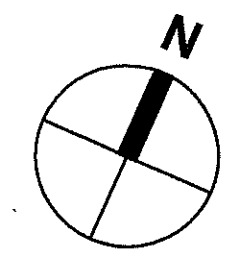
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Charles A. Harbeck
INSET

C2.02



LEGEND

[Symbol]	VERTICAL GRANITE CURB
[Symbol]	FLUSH GRANITE CURB
[Symbol]	BITUMINOUS CONCRETE CURB
[Symbol]	PRECAST CONCRETE CURB
[Symbol]	ORNAMENTAL FENCE
[Symbol]	CONCRETE WALKWAY
[Symbol]	STONEDUST WALKWAY
[Symbol]	CROSSWALK
[Symbol]	WHEELCHAIR ACCESSIBLE CURB RAMP
[Symbol]	HANDICAP PARKING
[Symbol]	STONE WALL
[Symbol]	LIGHTPOLE
[Symbol]	DETECTABLE WARNING IN WALKWAY
[Symbol]	MILL AND OVERLAY (2"DEPTH)

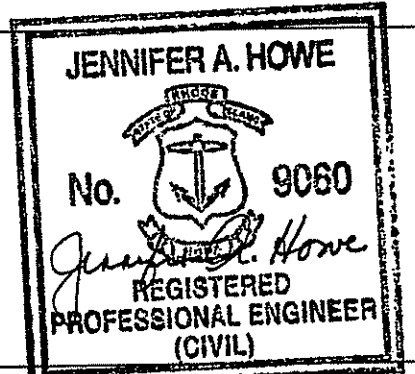
- NOTES:**
- ALL MEASUREMENTS ARE TAKEN FROM FACE OF CURB OR FOUNDATION WALL.
 - PROVIDE HANDICAP SPACES WITH SIGNS INDICATING THAT THEY ARE RESERVED. THE SIGNS FOR VAN SPACES ARE TO CONTAIN THE WORDS "VAN ACCESSIBLE". SIGNS MUST BE ADA COMPLIANT.
 - COORDINATE THE EXACT LOCATION OF THE TRANSFORMER AND GENERATOR PADS WITH THE ELECTRICAL PLANS.
 - SEE ARCHITECTURAL PLANS FOR EXACT BUILDING DIMENSIONS AND LOCATIONS OF DOORS.
 - PROVIDE TRANSITION CURBS CURB RAMPS & OPENINGS
 - SEE SPECIFICATION SECTION 01 23 00 FOR A DETAILED DESCRIPTION OF ALTERNATES.
 - SEE ELECTRICAL DRAWINGS FOR SCOPE OF ELECTRICAL WORK.

OWNER REVIEW
NAME _____ DATE _____

PARKING AND TRAFFIC SIGNS

SIGN	SIGN NUMBER	SIGN OF SIGN WIDTH	SIGN OF SIGN HEIGHT	DESCRIPTION	MOUNT HEIGHT (TO CENTER)	MOUNT TYPE	QUANTITY
[Symbol]	R1-1	30"	30"	WHITE ON RED	7'-0"	CHANNEL	8
[Symbol]	S8-1	18"	18"	RED ON WHITE	7'-0"	POST	1
[Symbol]	S8-5	18"	18"	BLUE ON WHITE	7'-0"	POST	1
[Symbol]	R7-4	12"	18"	BLUE & GREEN ON WHITE	5'-0"	POST	4
[Symbol]	R-7008	18"	8"	BLUE ON WHITE	4'-0"	POST	1
[Symbol]	R5-1	30"	30"	WHITE ON RED	7'-0"	CHANNEL	4
[Symbol]	R5-2	18"	24"	BLACK ON WHITE	5'-0"	CHANNEL	4
[Symbol]	S2-1	36"	36"	BLACK ON YELLOW	7'-0"	CHANNEL	2
[Symbol]	AHEAD	W16-EP	24"	BLACK ON YELLOW	5'-0"	CHANNEL	2
[Symbol]	R3-1	24"	24"	BLACK & RED ON WHITE	7'-0"	CHANNEL	4
[Symbol]	S5-2	24"	30"	BLACK ON WHITE	7'-0"	CHANNEL	2
[Symbol]	W17-1	30"	30"	BLACK ON YELLOW	7'-0"	CHANNEL	2
[Symbol]	S8-8	24"	24"	WHITE ON RED	7'-0"	CHANNEL	1
[Symbol]	R7-1078	12"	18"	RED ON WHITE	5'-0"	CHANNEL	2

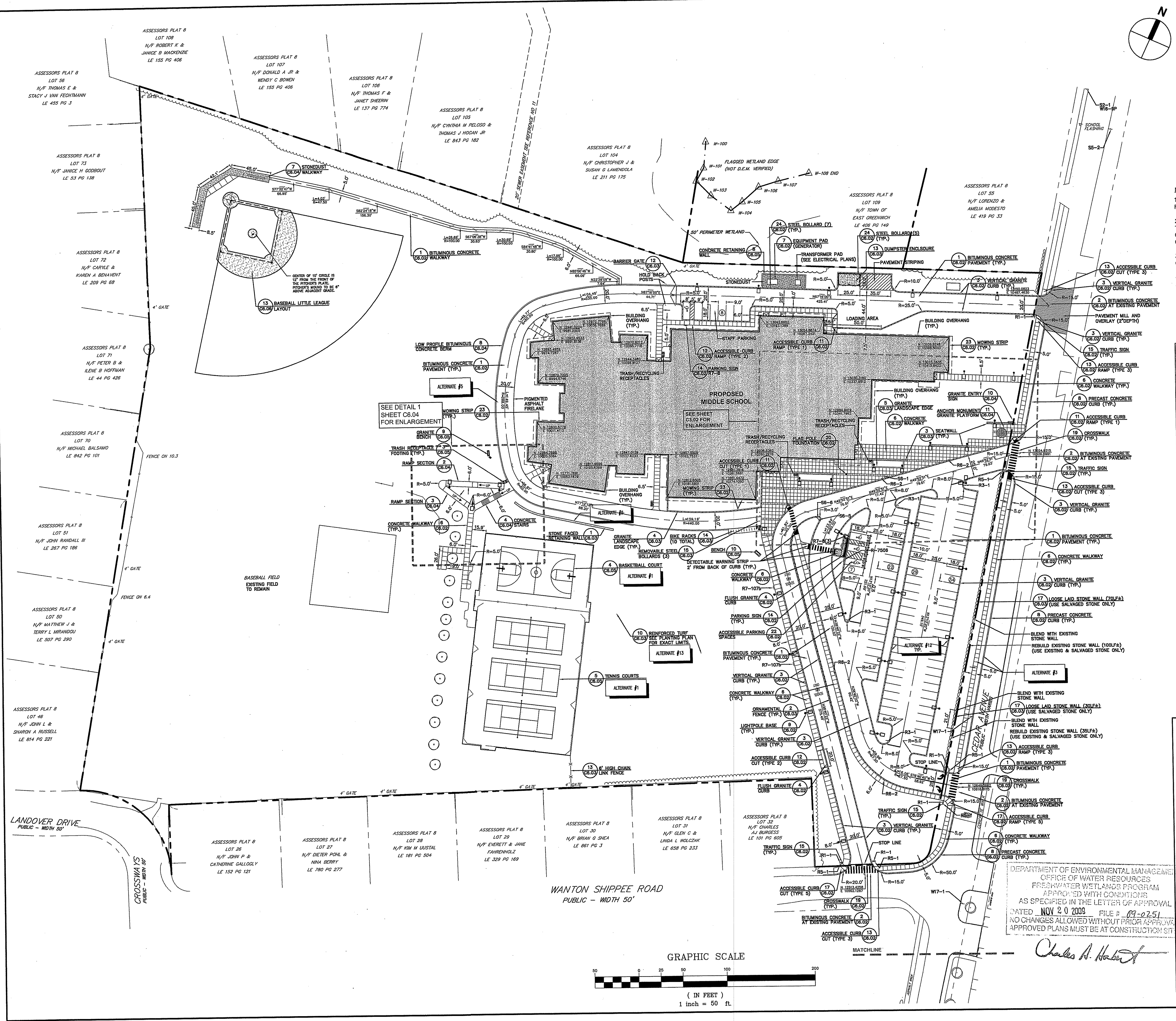
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EAST GREENWICH, RI 02818



LAYOUT & MATERIALS PLAN

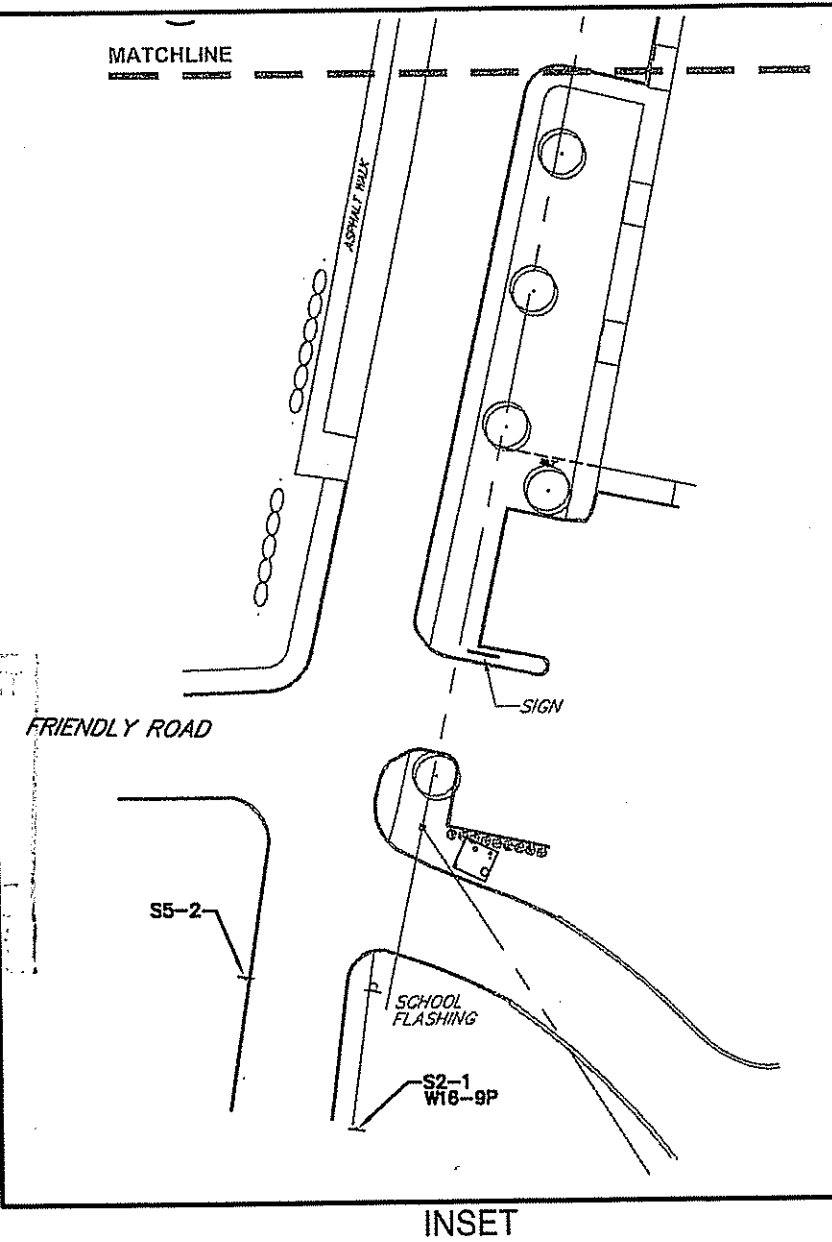
SCALE 1"=50'
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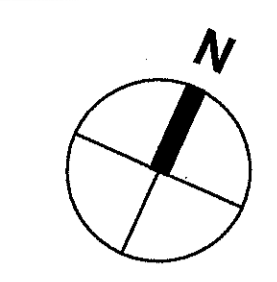
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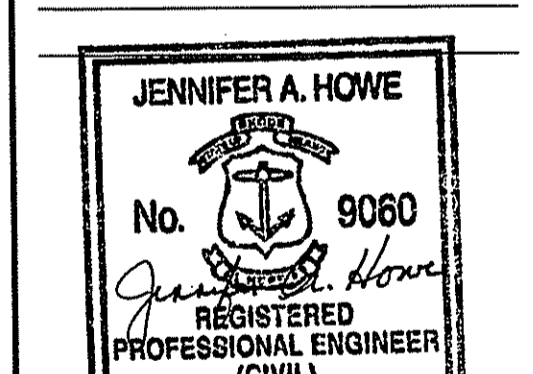


LEGEND	
—	WATER GATE
■	CATCH BASIN
⊕	HYDRANT
●	SEWER MANHOLE
⊙	DRAIN MANHOLE
⊖	DRY WELL
⊕	PLANTER DRAIN
—	WATER LINE
—	DOMESTIC SERVICE
—	FIRE PROTECTION SERVICE
—	ROOF DRAIN
—	DRAIN LINE
—	SEWER LINE
—	GAS LINE
—	ELECTRIC LINE
—	FIRE ALARM
—	PROPOSED SPOT GRADE
—	FINISH FLOOR ELEVATION
—	POLYVINYL CHLORIDE PIPE
—	CORRUGATED POLYETHYLENE PIPE
—	CEMENT LINED DUCTILE IRON PIPE
—	POST INDICATOR VALVE
—	TAPPING SLEEVE & VALVE
—	CLEANOUT

- NOTES:**
- PRIOR TO CONSTRUCTION, THE CONTRACTOR MUST VERIFY EXISTING UTILITY LOCATIONS AS SHOWN ON THE DRAWINGS. REPORT DISCREPANCIES TO SYMMES MAINI & MCKEE ASSOCIATES.
 - CONTRACTOR MUST PAY ALL FEES AND PERMITS. (UNLESS OTHERWISE NOTED.)
 - PIPE MATERIALS:** STORM DRAIN: CORRUGATED POLYETHYLENE PIPE (CPE) WATER: CLASS 52 CEMENT LINED DUCTILE IRON (CLD) SEWER: POLYVINYL CHLORIDE PIPE (PVC)
 - PROVIDE ADEQUATE BRACING AND SHORING OF ALL EXCAVATIONS IN ACCORDANCE WITH ALL GOVERNING CODES AND REGULATIONS.
 - PROTECT ALL NEW AND EXISTING UTILITIES DURING CONSTRUCTION.
 - CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH THE UTILITY COMPANIES.
 - THE CONTRACTOR MUST CONTACT THE APPROPRIATE UTILITY COMPANY AND "DIG SAFE" AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION WORK TO REQUEST EXACT FIELD LOCATION OF UTILITIES AND THE ENGINEER MUST BE NOTIFIED OF ANY UTILITIES INTERFERING WITH THE PROPOSED CONSTRUCTION.
 - THE CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING AND MAINTAINING ALL CONTROL POINTS AND BENCH MARKS NECESSARY FOR THE CONSTRUCTION OF THE PROJECT.
 - THE CONTRACTOR SHALL CLEAN ALL STRUCTURES PRIOR TO PROJECT CLOSE-OUT.
 - THE GAS, ELECTRIC AND TELEPHONE SERVICES SHOWN ARE APPROXIMATE. COORDINATE ACTUAL LOCATIONS WITH THE APPROPRIATE SUBCONTRACTOR AND UTILITY COMPANY AND GREATER IN NEW WATER.
 - PROVIDE CONCRETE THRUST BLOCKS IN ACCORDANCE WITH KENT COUNTY WATER AUTHORITY REQUIREMENTS.
 - FOR FINAL LOCATION OF UTILITY POLES, OVERHEAD WIRES AND UNDERGROUND ELECTRIC, SEE ELECTRICAL SITE PLANS.
 - REFER TO ELECTRICAL SITE PLANS FOR EXACT ROUTING OF UNDERGROUND ELECTRICAL AND TELECOMMUNICATION UTILITIES AND FOR TEMPORARY ELECTRICAL UTILITIES. REFER TO ELECTRICAL SITE PLANS FOR EXACT NUMBER AND LOCATION OF LIGHT POLES AND FOR LIGHTING TYPES.
 - CONTRACTOR MUST COMPLY WITH ALL RULES AND REGULATIONS OF THE KENT COUNTY WATER AUTHORITY.
 - PROTECT NEWLY INSTALLED CATCH BASINS WITH SILT SACKS OR UNTIL SITE IS STABILIZED.

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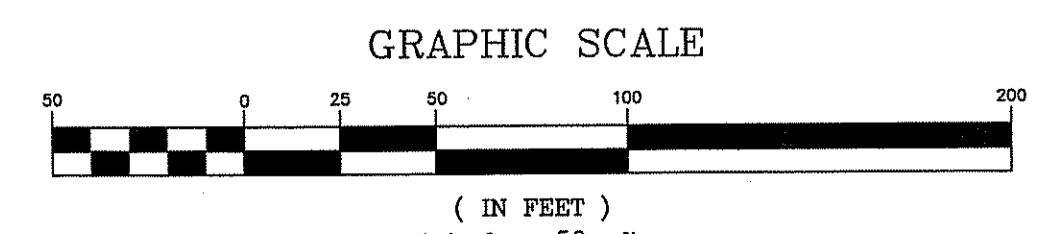
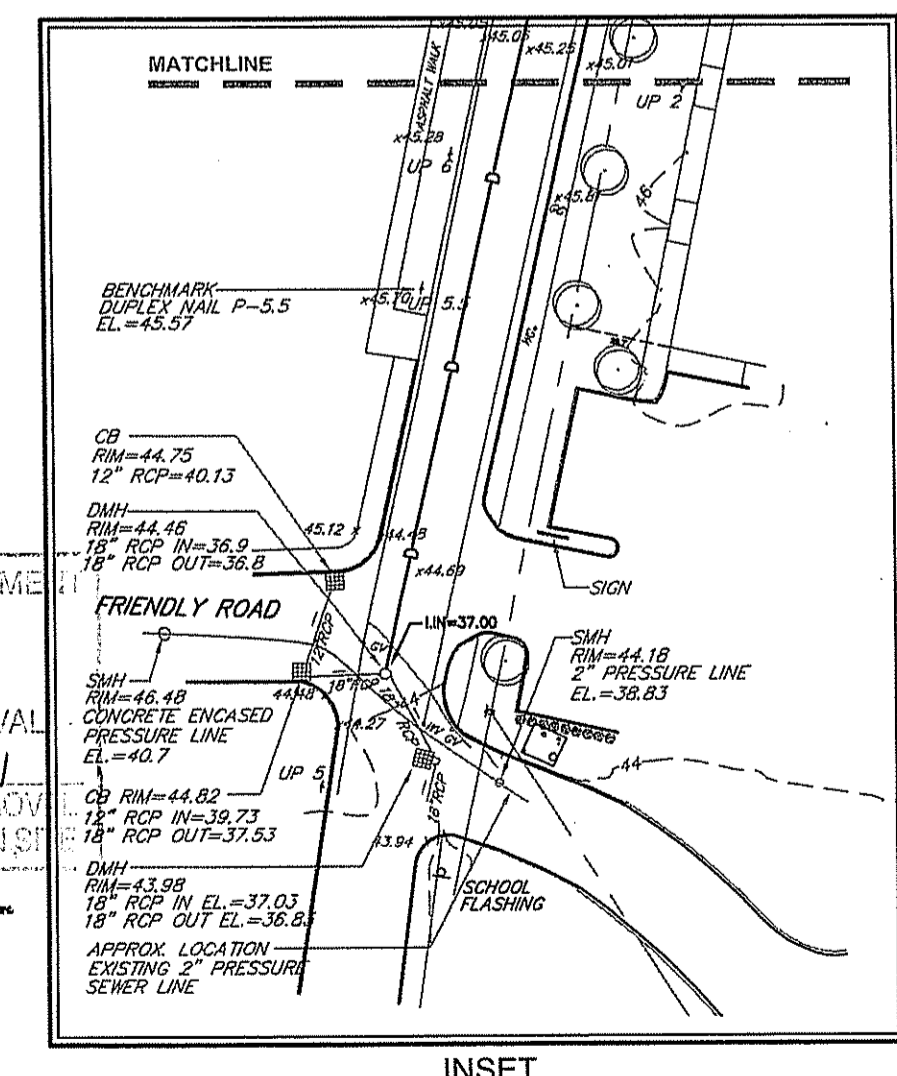
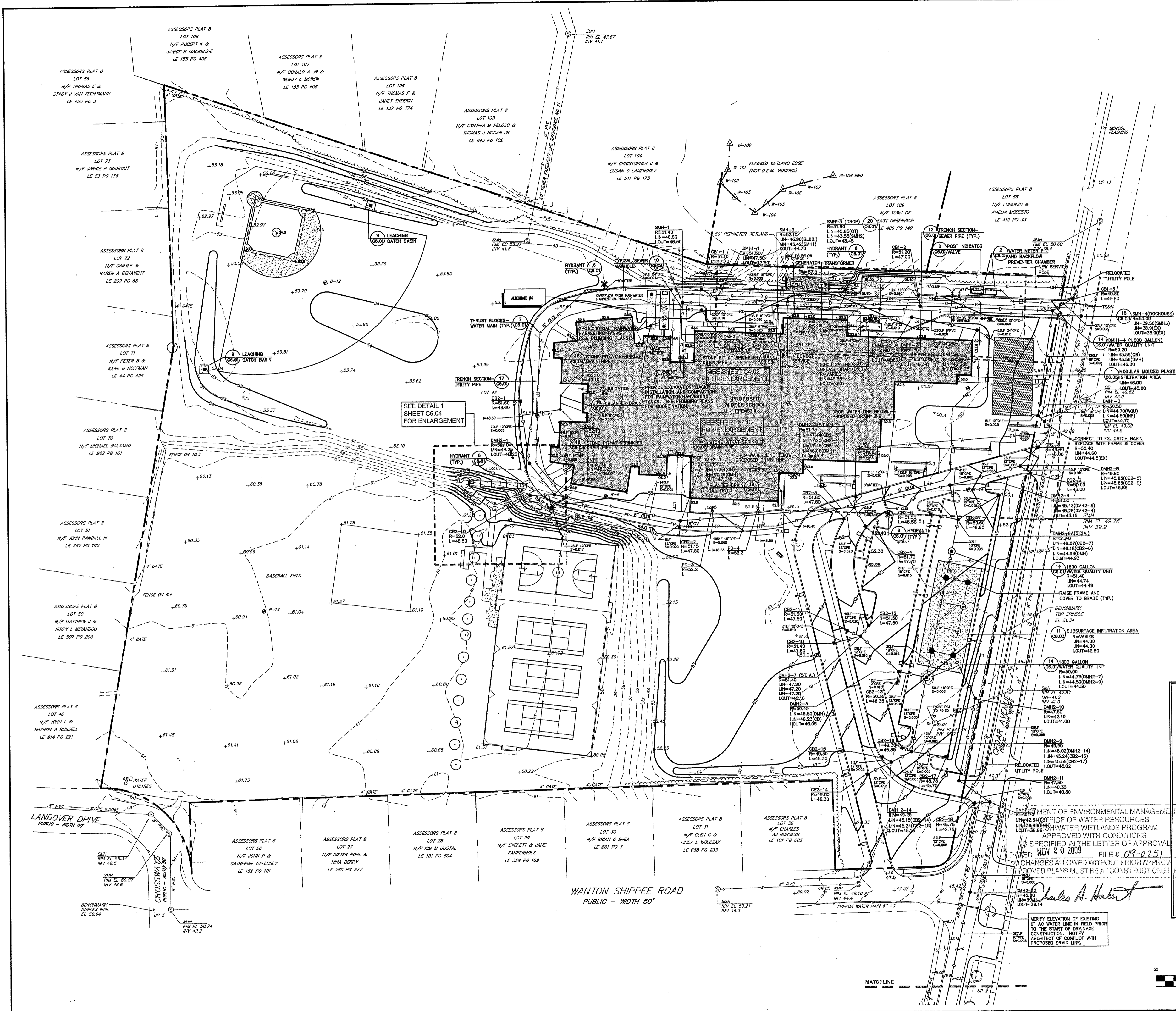
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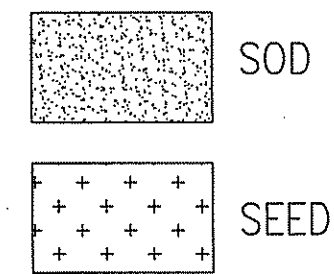
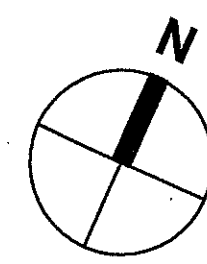


GRADING & UTILITIES PLAN

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PROJ. MGR. LBF
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C4.01





PLANTING NOTES

1. NEW PLANT MATERIAL SHALL CONFORM TO THE MINIMUM GUIDELINES ESTABLISHED FOR NURSERY STOCK PUBLISHED BY THE AMERICAN ASSOC. OF NURSEYMEN, INC. IN ADDITION, NEW PLANT MATERIAL FOR THE PROJECT SHALL BE OF SPECIMEN QUALITY.
2. NEW PLANTS TO BE BALLED AND BURLAPPED OR CONTAINER-GROWN, UNLESS OTHERWISE NOTED ON THE PLANT LIST.
3. SUPPLY NEW PLANT MATERIAL IN QUANTITIES SUFFICIENT TO COMPLETE THE PLANTING SHOWN ON THE DRAWINGS.
4. PROPOSED SUBSTITUTIONS OF PLANT SPECIES SHALL BE MADE WITH PLANTS OF EQUIVALENT OVERALL FORM, HEIGHT, BRANCHING HABIT, FLOWER, LEAF, COLOR, FRUIT AND CULTURE, AND ONLY AFTER WRITTEN APPROVAL OF THE LANDSCAPE ARCHITECT.
5. NEW PLANTS SHALL BE TAGGED AND APPROVED BY THE LANDSCAPE ARCHITECT AT THE NURSERY PRIOR TO DIGGING OR DELIVERY TO THE SITE.
6. LOCATE AND VERIFY EXISTING UTILITY LINES PRIOR TO PLANTING AND REPORT ANY CONFLICTS TO THE ARCHITECT.
7. DO NOT PLANT TREES BEFORE ROUGH GRADING HAS BEEN ACCEPTED. TREES SHALL BEAR THE SAME RELATIONSHIP TO GRADE AS THEY BORE TO PREVIOUS GRADE.
8. STAKE LOCATION OF PROPOSED PLANTING FOR APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO THE COMMENCEMENT OF PLANTING.
9. PREPARE SHRUB PLANTING BEDS TO A MINIMUM DEPTH OF EIGHTEEN INCHES (18") WITH LOAM.
10. ALL PLANT BEDS AND INDIVIDUAL TREE PITS SHALL RECEIVE THREE INCHES (3") OF BARK MULCH.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING ALL DAMAGED, STOLEN, DEAD, DECLINING OR LOST MATERIAL UNTIL COMPLETION OF MAINTENANCE PERIODS.
12. AREAS TO BE SEEDED OR SODDED SHALL RECEIVE SIX INCHES (6") OF LOAM, MEASURED AFTER COMPACTION, PRIOR TO SEEDING.
13. EXISTING LAWN AREAS DESIGNED TO REMAIN SHALL BE AERATED, FERTILIZED AND OVERSEEDED.
14. IN ADDITION TO LOCATIONS DEFINED FOR SEED ON THE PLANTING PLAN, SEED ALL GRASS AREAS WHICH HAVE BEEN DISTURBED BY CONSTRUCTION ACTIVITIES.

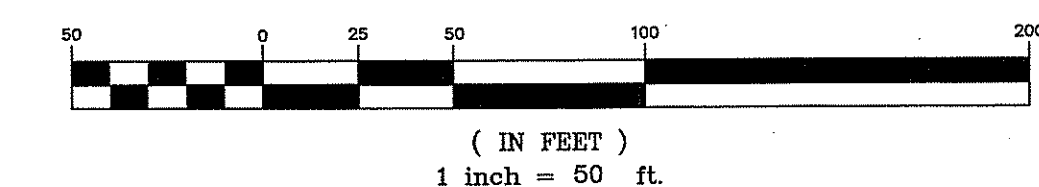
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PLANT SCHEDULE

QTY.	SYM	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
LARGE DECIDUOUS CANOPY TREES					
28	AR	ACER RUBRUM 'AUTUMN SPIRE'	AUTUMN SPIRE RED MAPLE	3- 3 1/2" CAL	B&B
1	AS	ACER SHACHARUM 'GREEN MOUNTAIN'	GREEN MOUNTAIN SUGAR MAPLE	6" CAL	B&B
9	BN	BETULA NIGRA 'HERITAGE'	HERITAGE RIVER BIRCH	12'-14" HT	B&B
17	GT	GLEDITSIA TRIACANTHOS 'IMERMIS' 'SHADEMASTER'	SHADEMASTER THORNLESS HONEYLOCUST	3- 3 1/2" CAL	B&B
21	QA	QUERCUS ALBA	WHITE OAK	3- 3 1/2" CAL	B&B
6	QC	QUERCUS COCCINNEA	SCARLET OAK	3- 3 1/2" CAL	B&B
11	QR	QUERCUS RUBRA	RED OAK	3- 3 1/2" CAL	B&B
SMALL DECIDUOUS CANOPY FLOWERING TREES					
18	PSA1	PRUNUS SERRULATA 'KWANZAN'	KWANZAN CHERRY	2 1/2- 3" CAL	B&B
3	PSA2	PRUNUS SERRULATA 'KWANZAN'	KWANZAN CHERRY	3 1/2- 4" CAL	B&B
EVERGREEN TREES					
1	IO	ILEX OPACA 'JERSEY PRINCESS'	JERSEY PRINCESS AMERICAN HOLLY	6'-12" HT	B&B
1	JO	ILEX OPACA 'JERSEY PRINCE'	JERSEY PRINCE AMERICAN HOLLY	6'-12" HT	B&B
7	JV	JUNIPERUS VIRGINIANA	EASTERN REDCEDAR	7'-8" HT	B&B
8	PG	PICEA GLAUCA	WHITE SPRUCE	6'-7" HT	B&B
4	PR	PINUS RIGIDA	PITCH PINE	6'-7" HT	B&B
11	PS1	PINUS STROBUS	EASTERN WHITE PINE	6'-7" HT	B&B
10	PS2	PINUS STROBUS	EASTERN WHITE PINE	8'-10" HT	B&B
SHRUBS					
53	BM	BUXUS MICROPHYLLA 'GREEN VELVET'	GREEN VELVET BOXWOOD	18" - 24"	B&B
26	IG	ILEX GLABRA 'SHAMROCK'	SHAMROCK INKBERRY	2' - 2 1/2'	C.G.
193	JC	JUNIPERUS CHINENSIS 'SEA GREEN'	SEA GREEN JUNIPER	18" - 24"	C.G.
41	JCS	JUNIPERUS CHINENSIS 'SARGENTII VIRIDIS'	SARGENTII VIRIDIS CHINESE JUNIPER	18" - 24"	C.G.
35	MP	MYRTA PENSYLANICA	BOYSBERRY	18" - 24"	C.G.
36	RM	RHOODODENDRON MAXIMUM	ROSEBAY RHODODENDRON	3' - 4'	B&B
48	SB	SPIRAEA X EMULDA 'NORMAN'	NORMAN BUNALDA SPIREA	18" - 24"	C.G.
30	VD	VIBURNUM BENTAMUM	ARROWOOD	4' - 5'	B&B
18	VL	VIBURNUM LENTAGO	NANNYBERRY	3' - 4'	C.G.
GROUNDCOVERS					
70	EF	EUONYMUS FORTENEI 'EMERALD GAETI'	EMERALD GAETI WINTERCREEPER	12" - 18"	C.G.
286	PT	PACHYSANDRA TERMINALIS	JAPANESE SPURGE	FLATS	B" O.C.
LAWN					
	SOD				
	SEED				

GRAPHIC SCALE



OFFICE OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROTECTION
APPROVED WITH CONDITIONAL PERMIT
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED NOV 2 0 2009 FILE # 10470251
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Charles A. Hurd

09.09.09 CONSTRUCTION DOCUMENTS

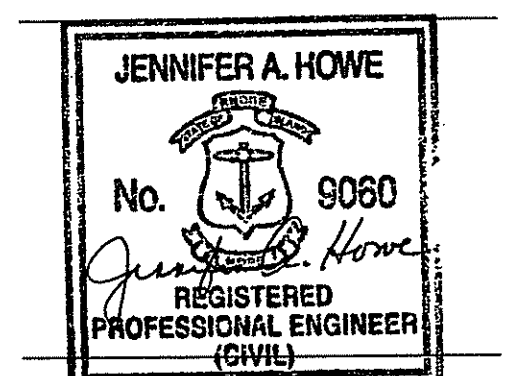
07.24.09 PERMIT SET

NO. DATE DESCRIPTION

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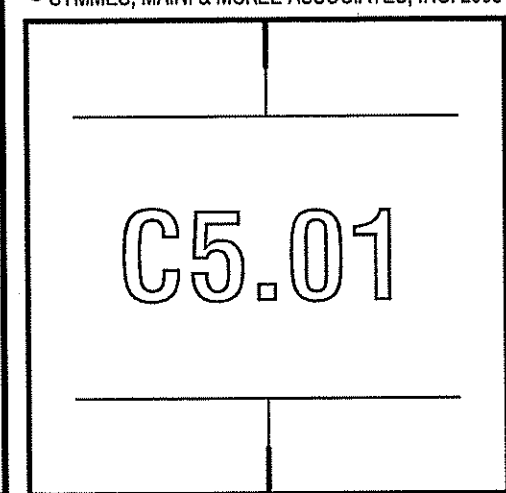
△ = CLOUDED CHANGE

EAST GREENWICH MIDDLE SCHOOL
100 CEDAR AVENUE
EAST GREENWICH, RI 02818



PLANTING PLAN

SCALE 1"=50'
DRAWN BY SAL
CHECKED BY
PROJ. ARCH./ENGR. JAH
PROJ. MGR. LBF
JOB NO. 07084.03
© SYMMES, MAINI & MCKEE ASSOCIATES, INC. 2008



OWNER REVIEW
NAME _____ DATE _____

RECEIVED
SEP 30 2009
OFFICE OF THE REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	DESCRIPTION
09.09.09		CONSTRUCTION DOCUMENTS
07.24.09		PERMIT SET
10.24.09		DESCRIPTION

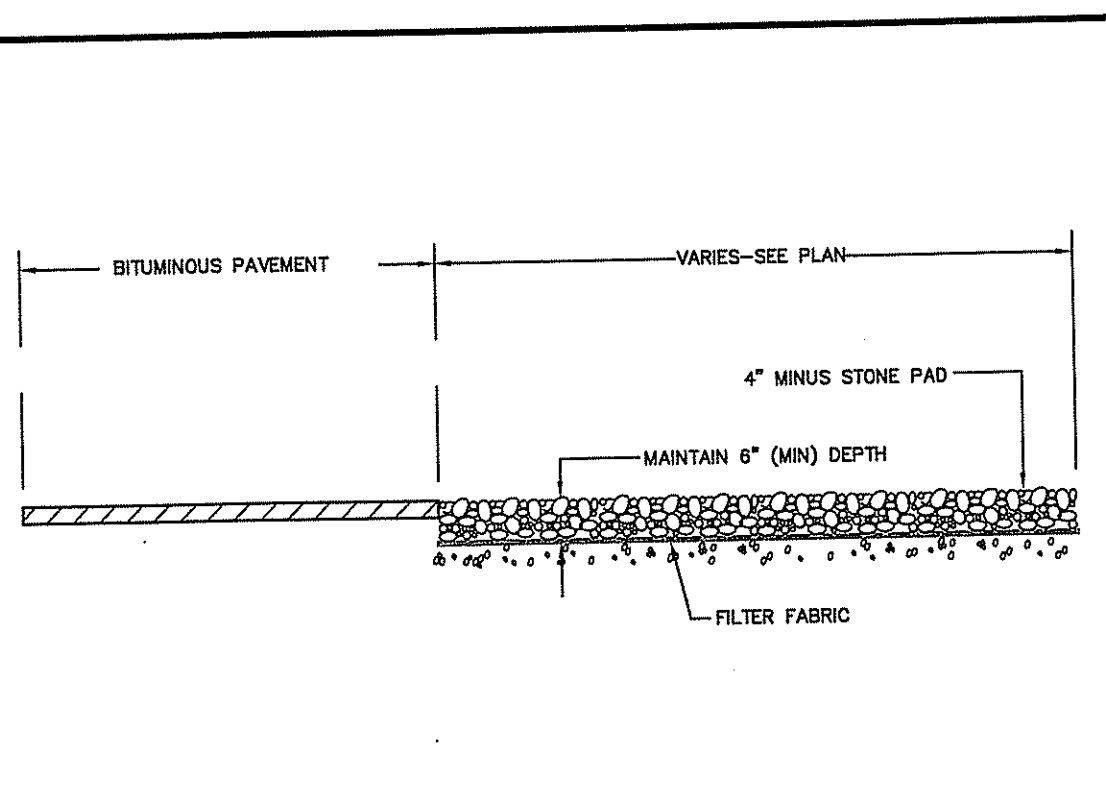
ISSUE LOG
△ = CLOUDED CHANGE
EAST GREENWICH MIDDLE SCHOOL
100 CEDAR AVENUE
EAST GREENWICH, RI 02818

JENNIFER A. HOWE
No. 9080
REGISTERED PROFESSIONAL ENGINEER (CIVIL)

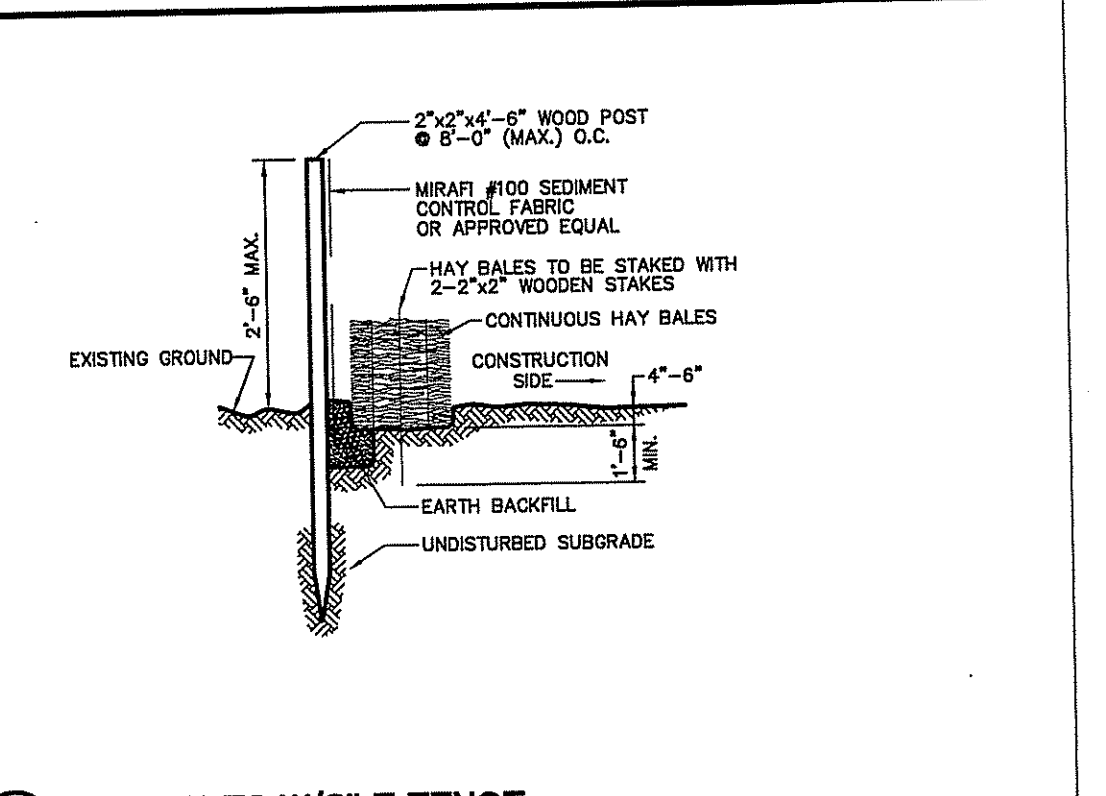
DETAILS I

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DRAWN BY JW
CHECKED BY JAH
PROJ. ARCH./ENGR. JAH
PROJ. MGR. LBF
JOB NO. 07084.03
© SYMMES, MAINI & MCKEE ASSOCIATES, INC. 2008

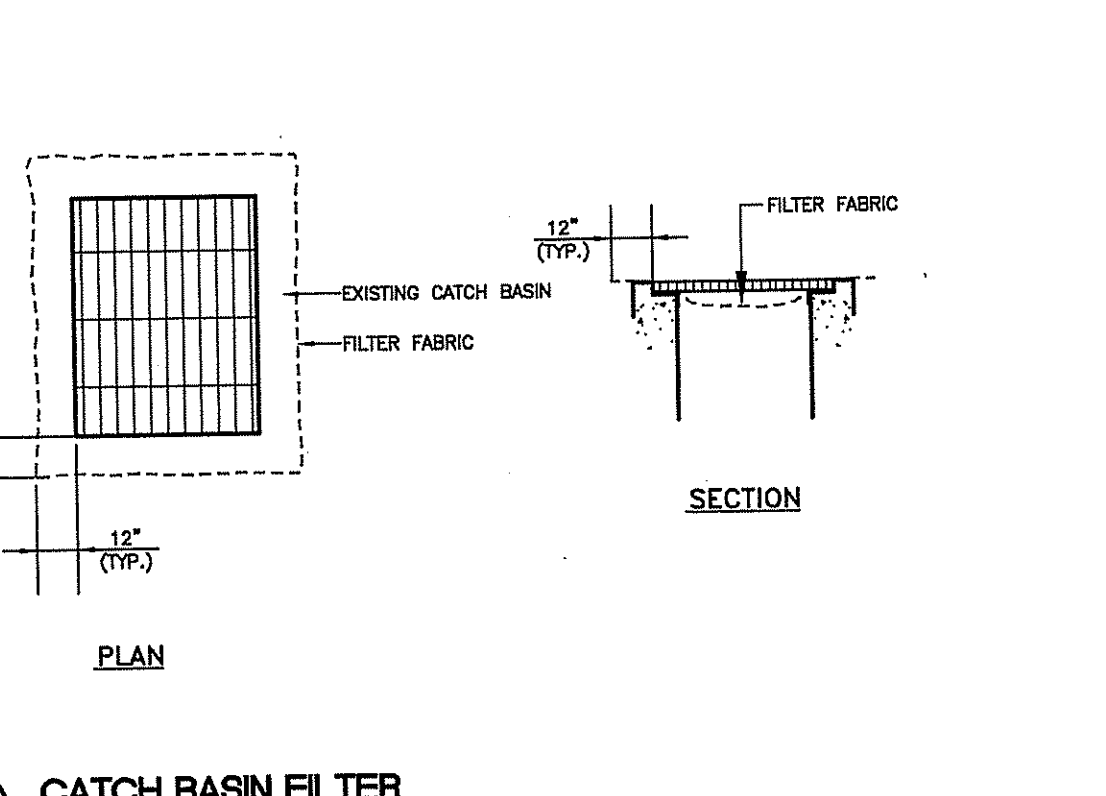
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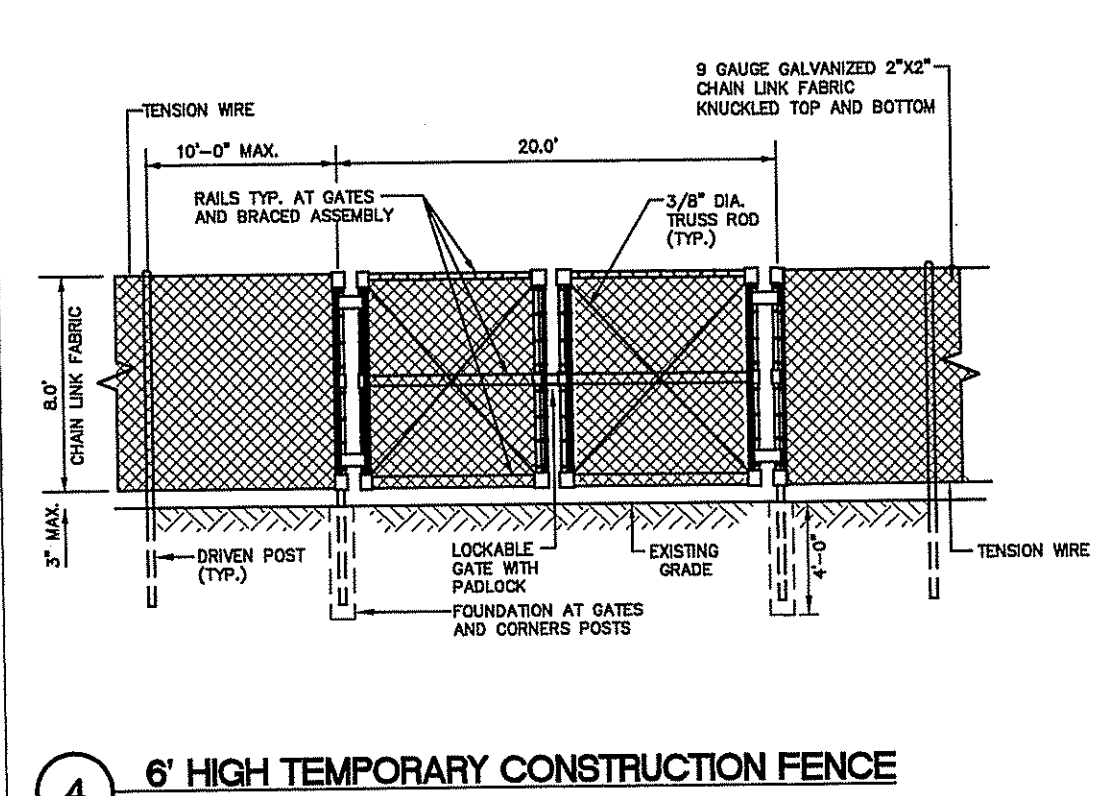
1 TEMPORARY CONSTRUCTION ENTRANCE
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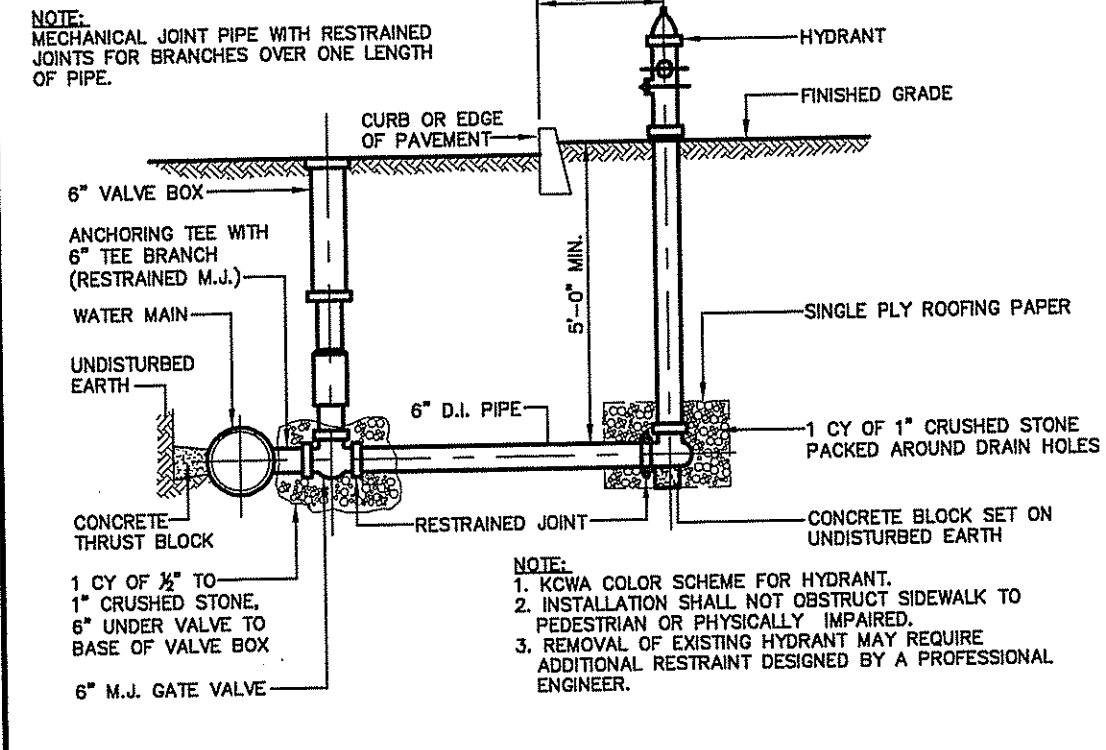
2 HAYBALES W/SILT FENCE
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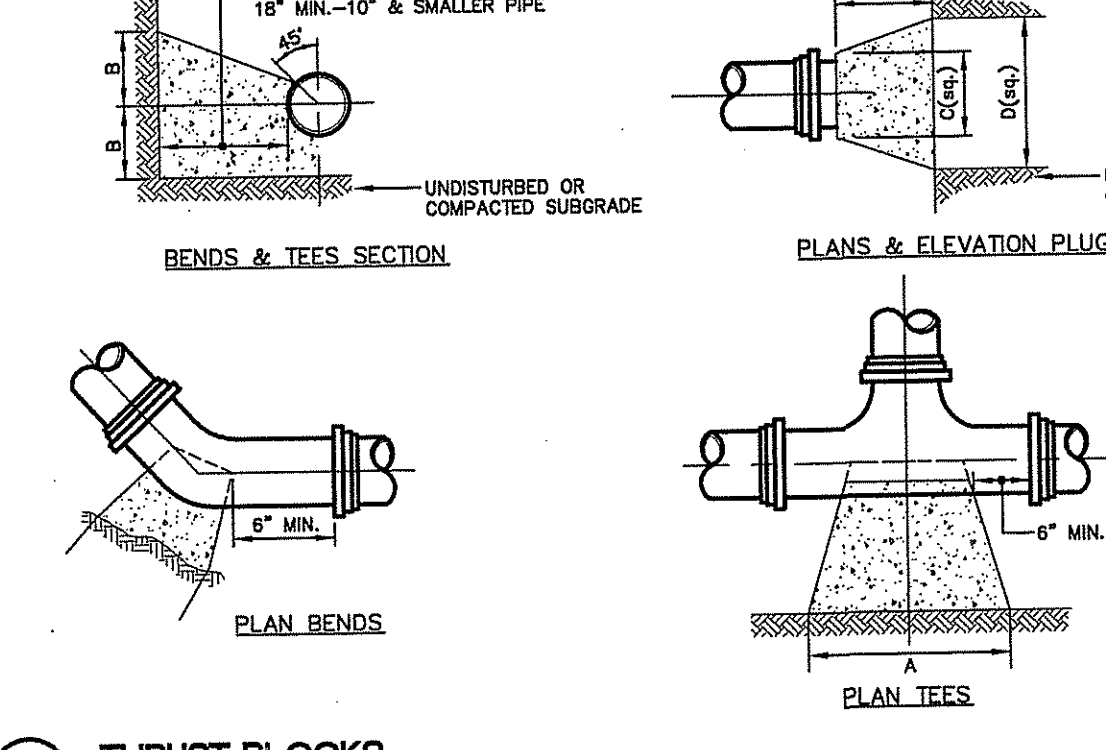
3 CATCH BASIN FILTER
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4 6' HIGH TEMPORARY CONSTRUCTION FENCE
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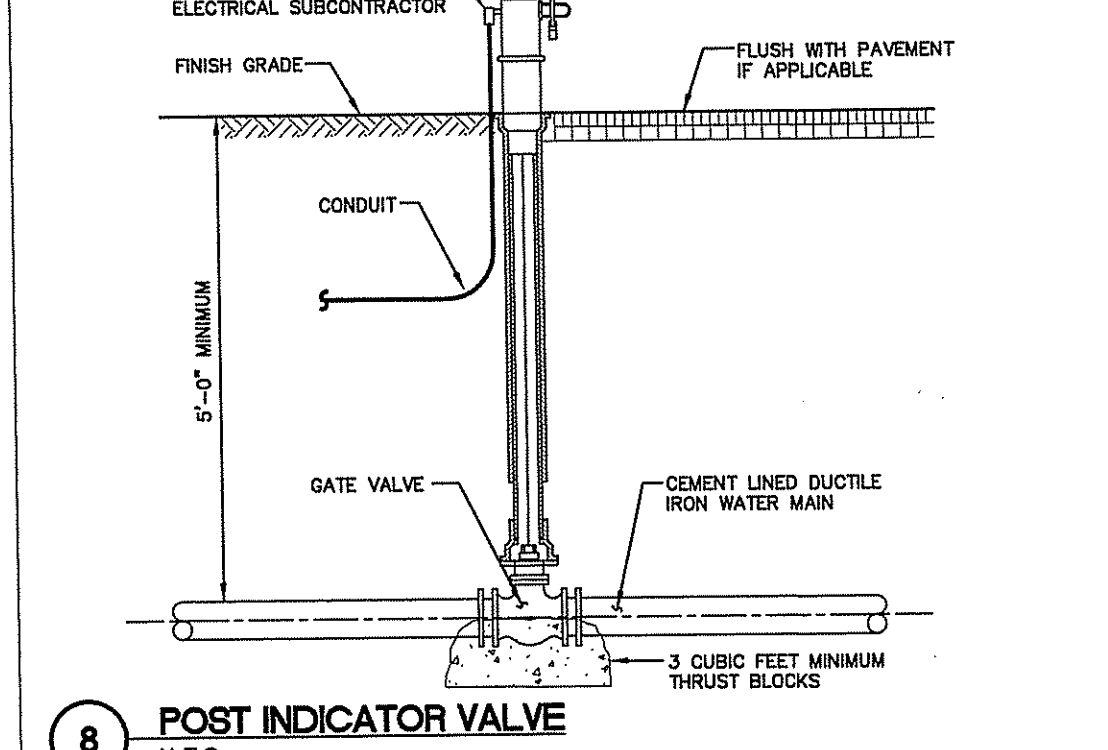
5 HYDRANT
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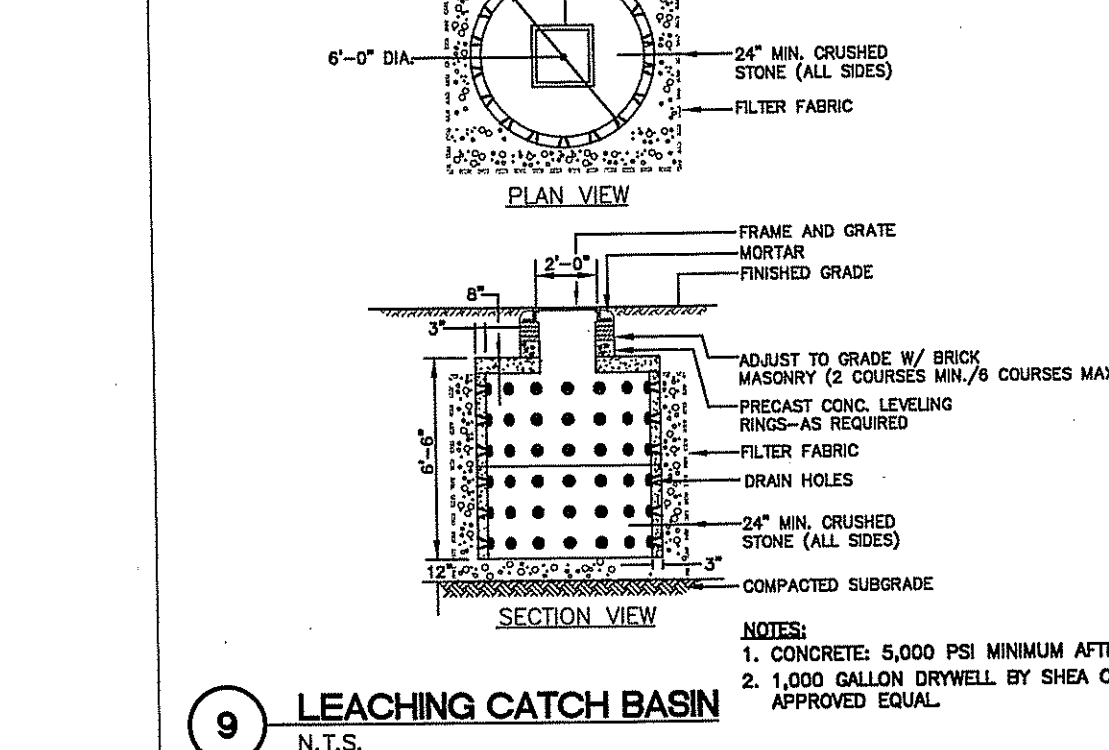
6 THRUST BLOCKS
N.T.S.

NOTES:
1. ALL CONCRETE SHALL BE 4000 P.S.I. @ 28 DAYS.
2. CONCRETE THRUST BLOCKS SHALL BEAR AGAINST UNDISTURBED EARTH.
3. FORMS TO BE USED AS NECESSARY.
4. ALL BOLTS AND NUTS TO BE PROTECTED FROM CONCRETE AND EASILY ACCESSIBLE WHEN THRUST BLOCK INSTALLED.
5. REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF R.I. SHALL VERIFY ALL CALCULATIONS DURING DESIGN TO MEET CONDITIONS OF PROJECT AND KCMA REQUIREMENTS.

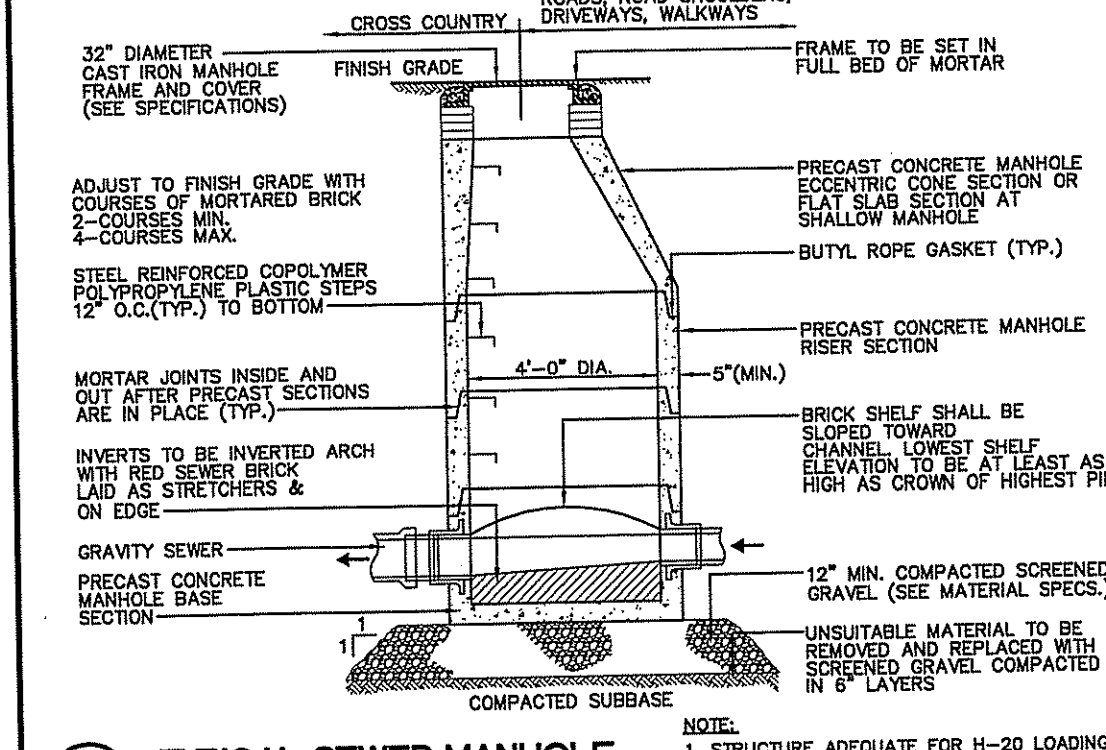
SIZE	TEES				90° BENDS		45° BENDS		22 1/2° BENDS	
	A	B	C	D	A	B	A	B	A	B
6"	36"	18"	10"	25"	42"	21"	32"	16"	22"	11"
8"	48"	24"	12"	33"	56"	28"	42"	21"	30"	15"



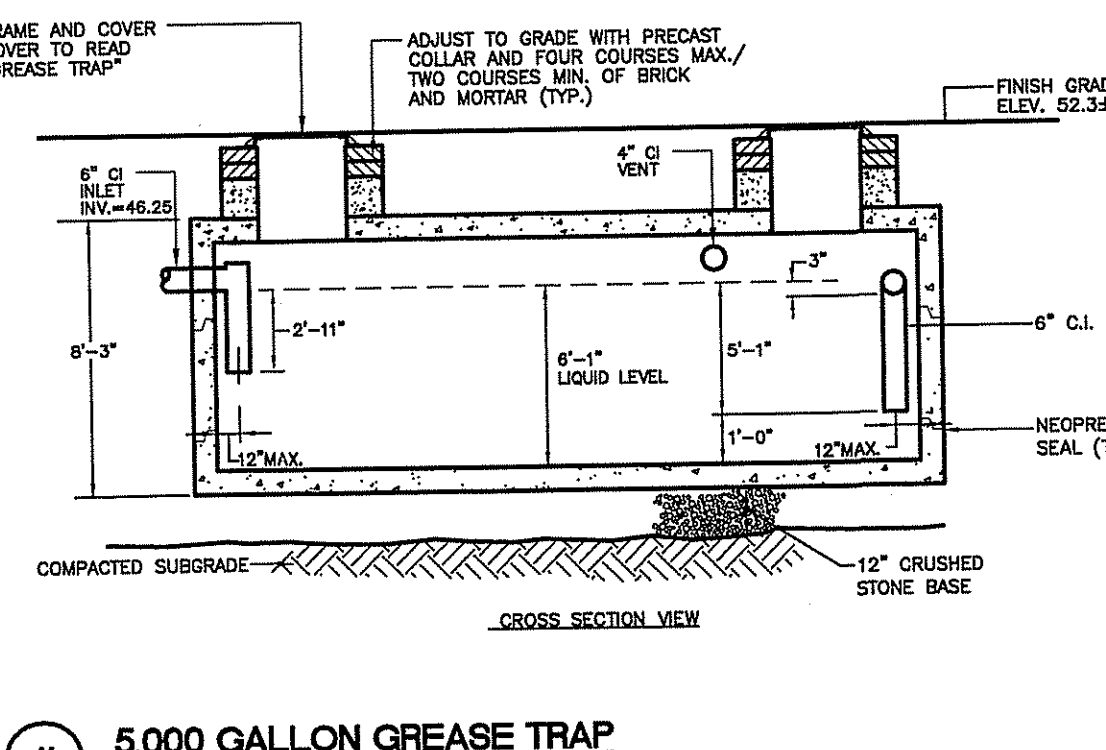
7 POST INDICATOR VALVE
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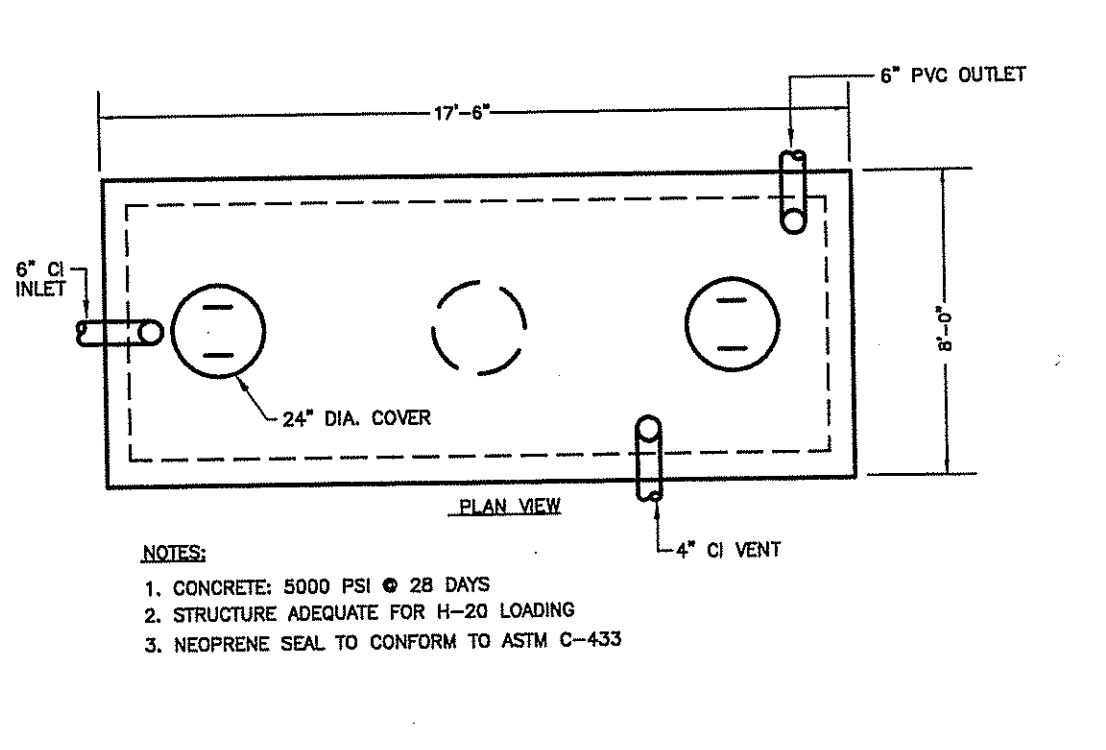
8 LEACHING CATCH BASIN
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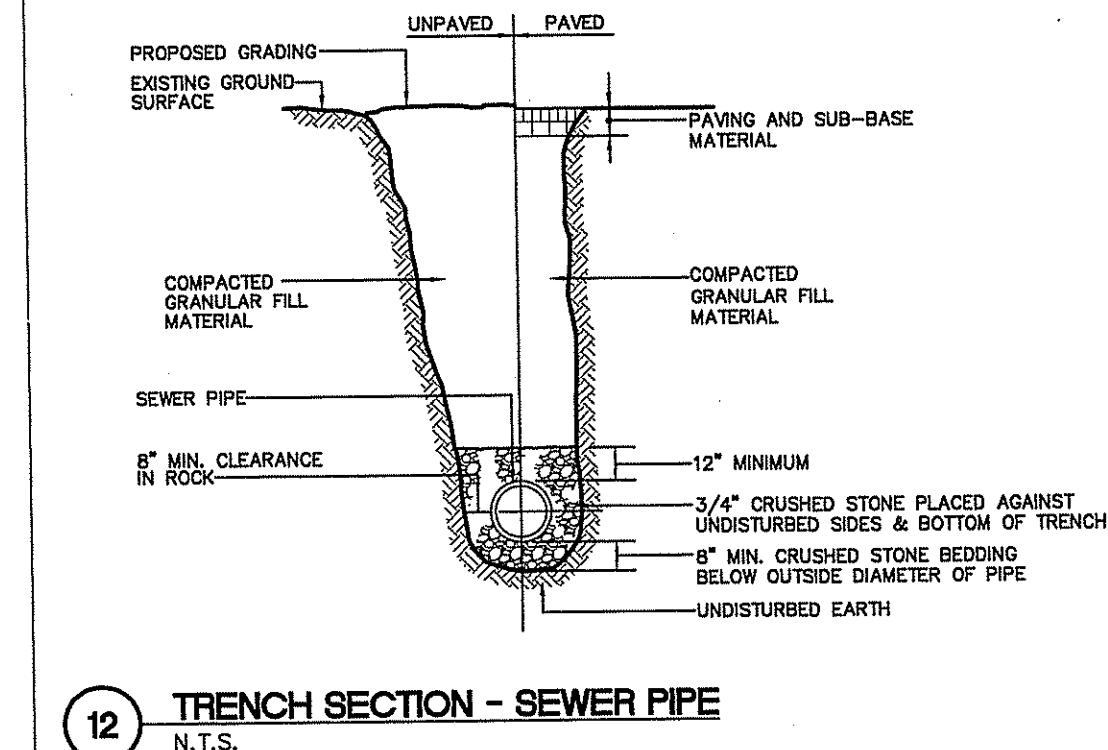
9 TYPICAL SEWER MANHOLE
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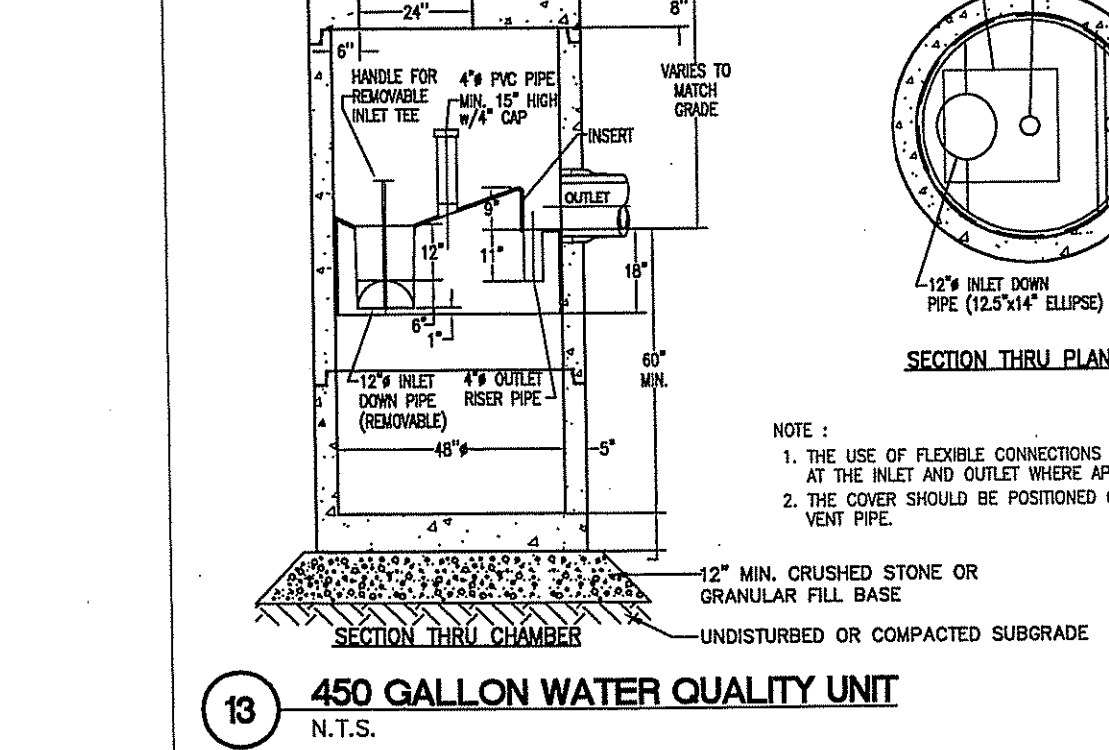
10 5000 GALLON GREASE TRAP
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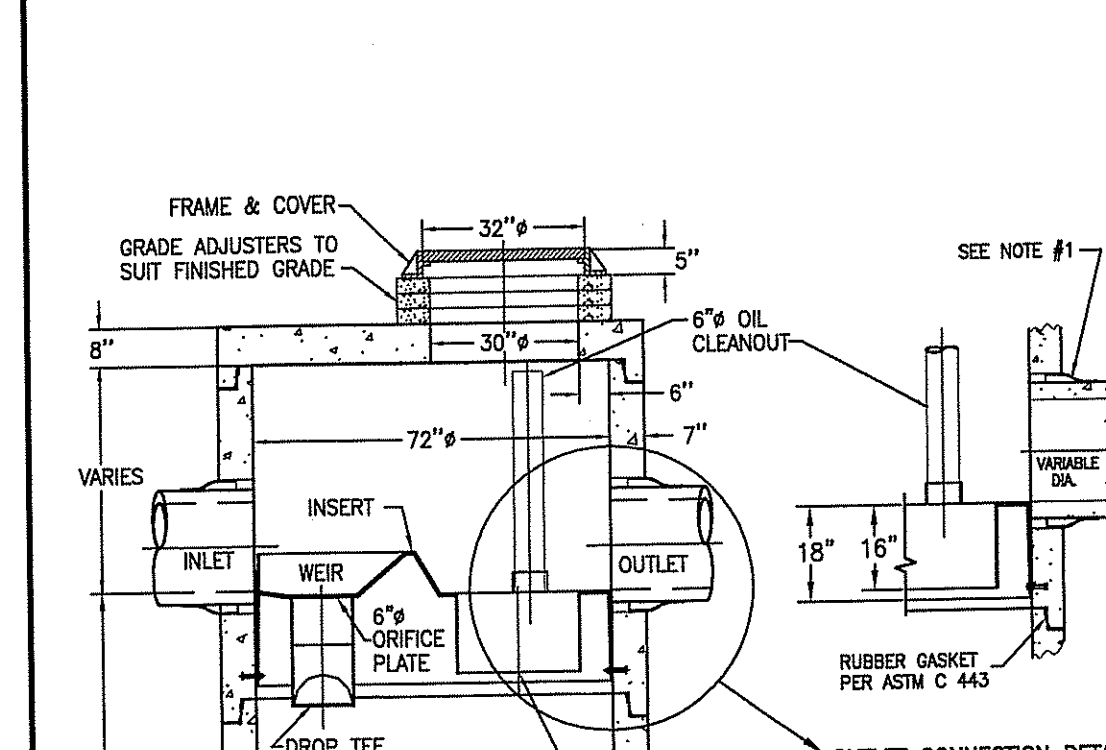
11 TRENCH SECTION - SEWER PIPE
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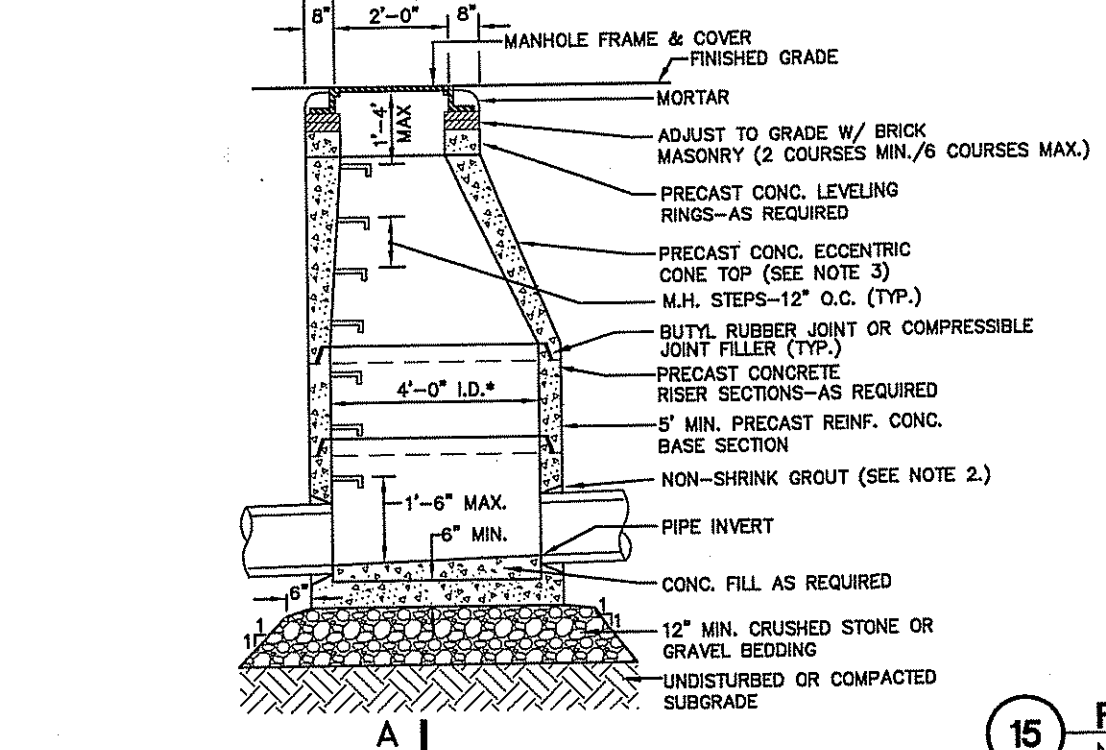
12 TRENCH SECTION - STORM DRAIN
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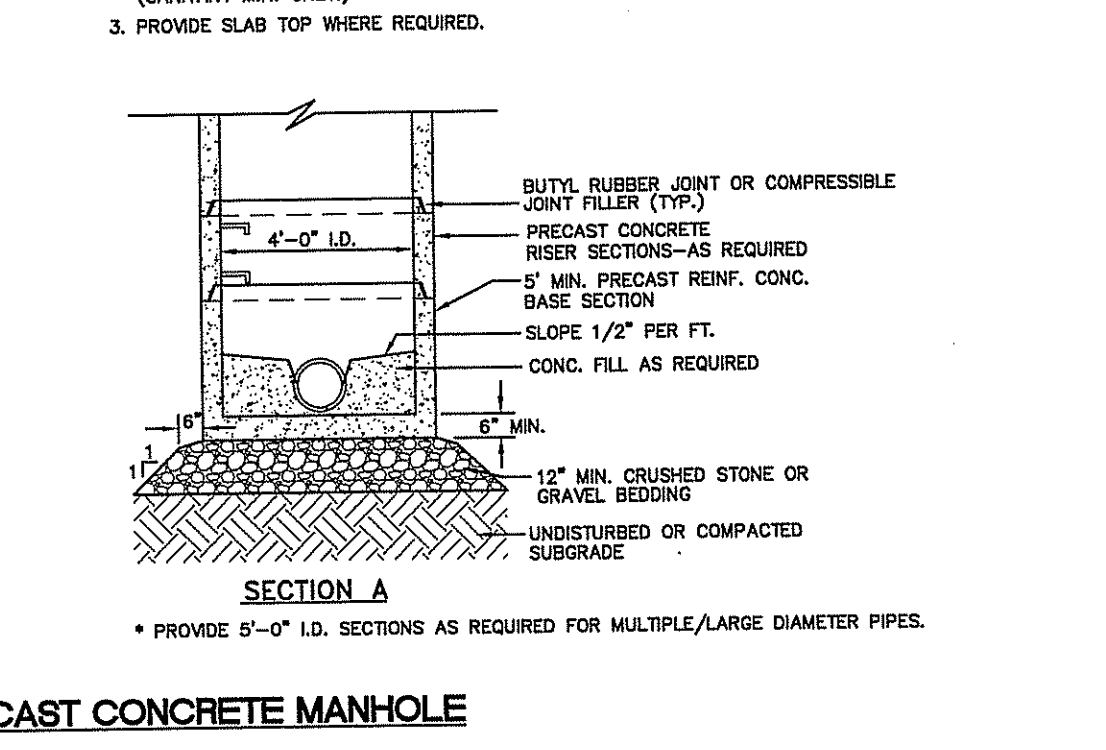
13 450 GALLON WATER QUALITY UNIT
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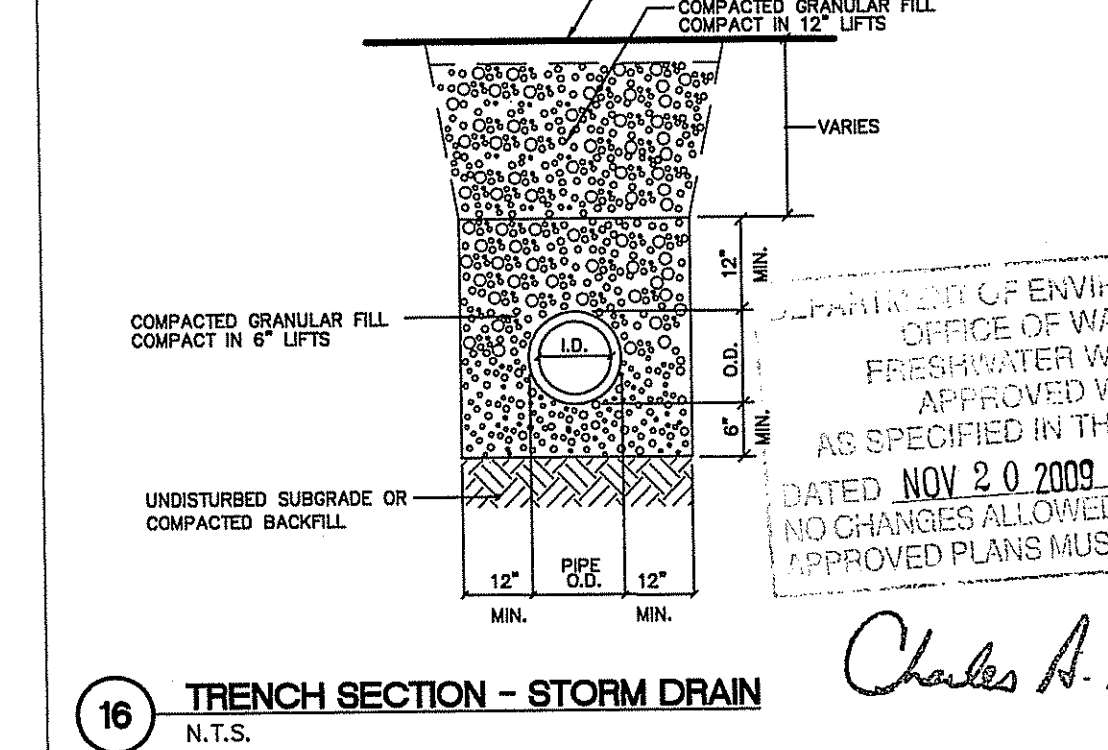
14 1800 GALLON WATER QUALITY UNIT
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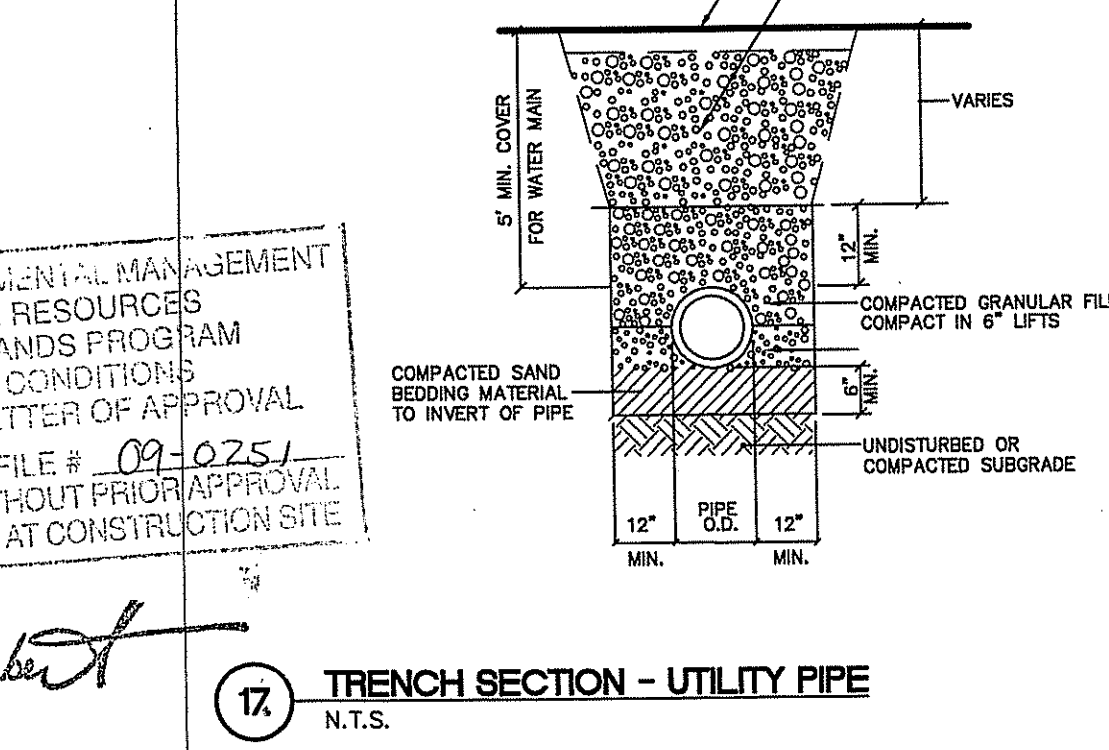
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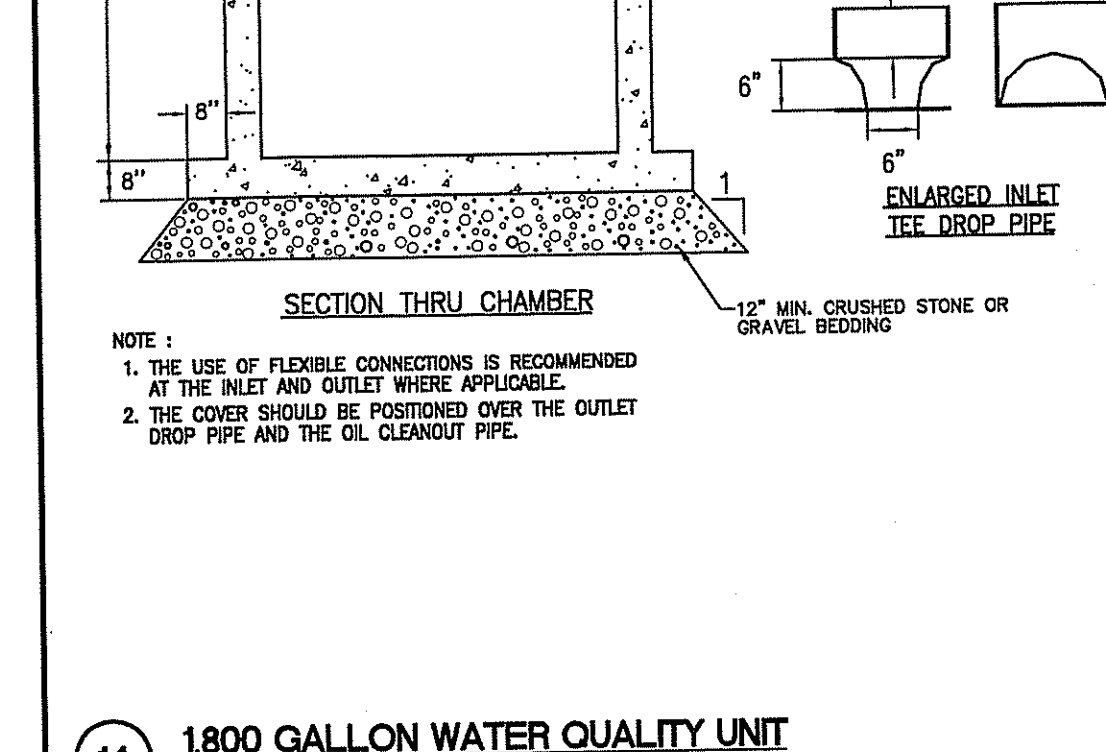
16 TRENCH SECTION - UTILITY PIPE
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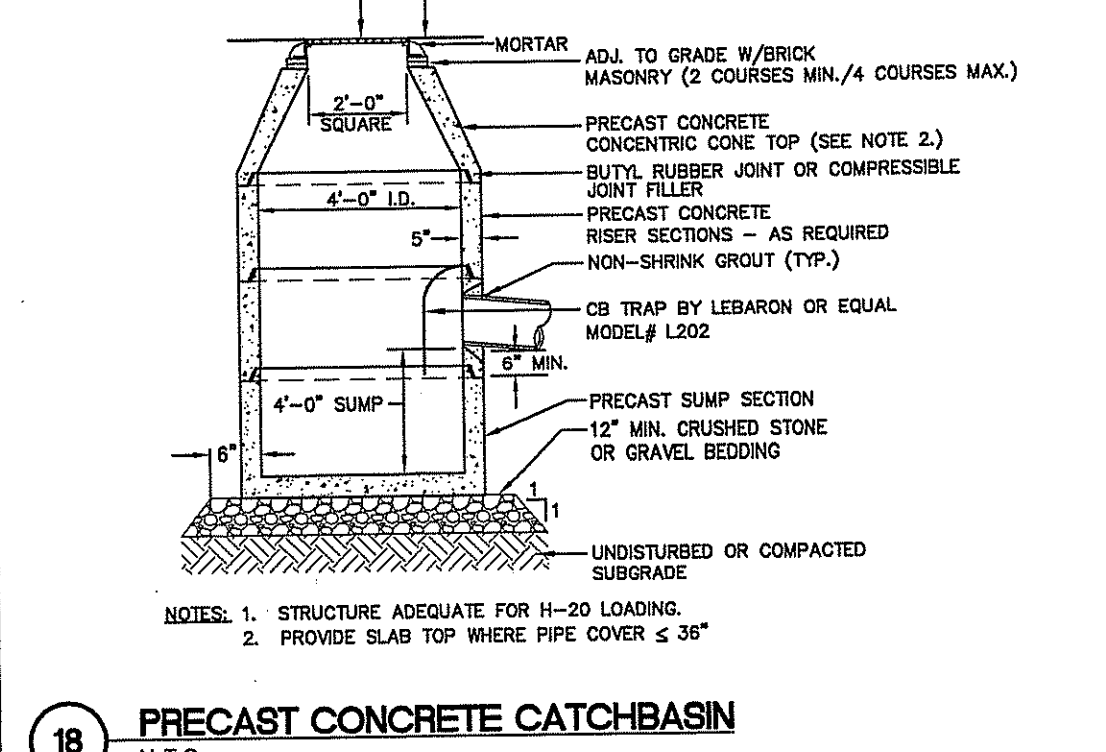
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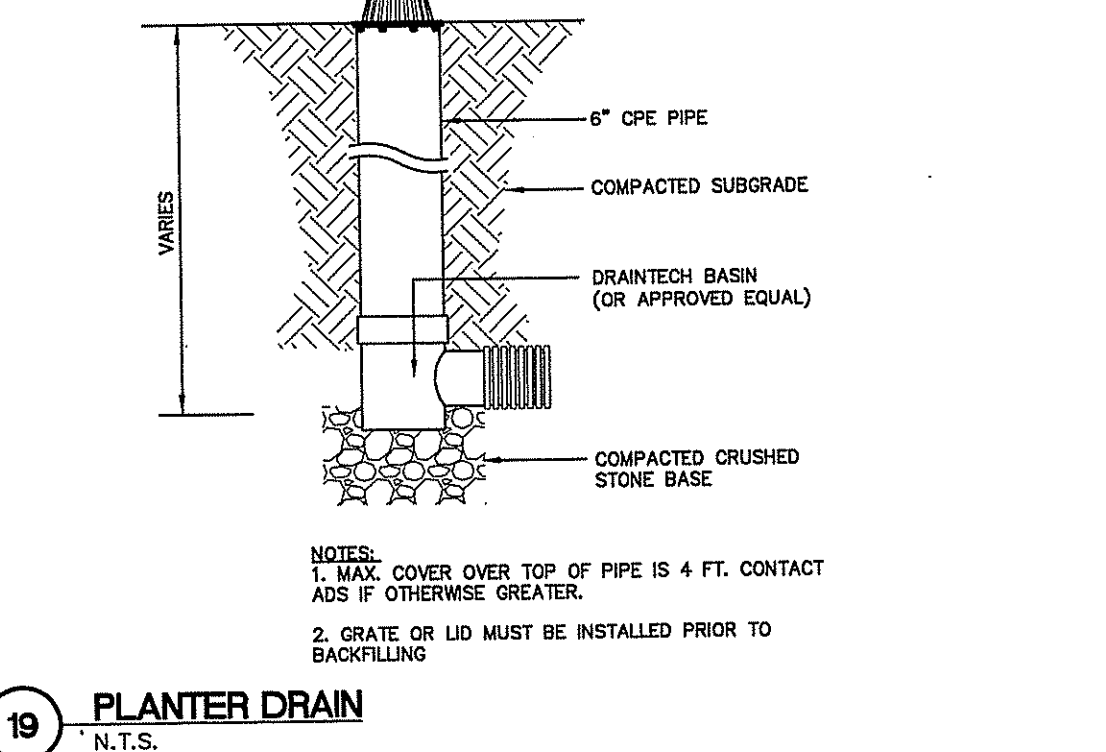
18 PLANTER DRAIN
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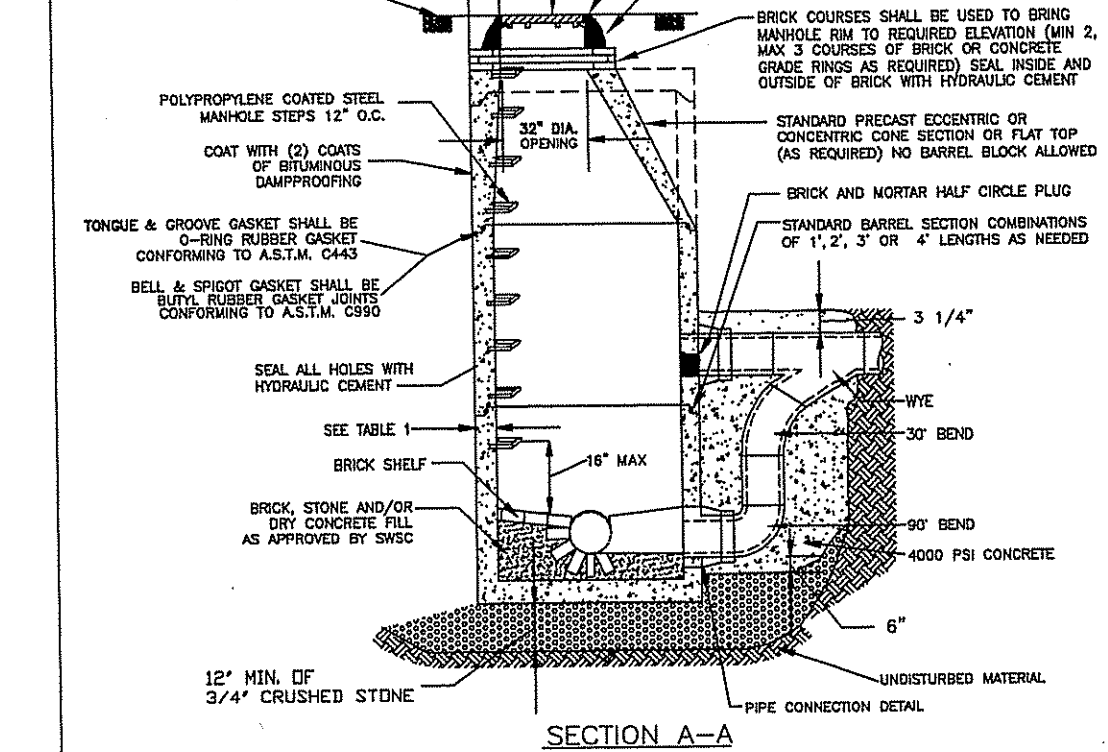
19 PRECAST CONCRETE CATCH BASIN
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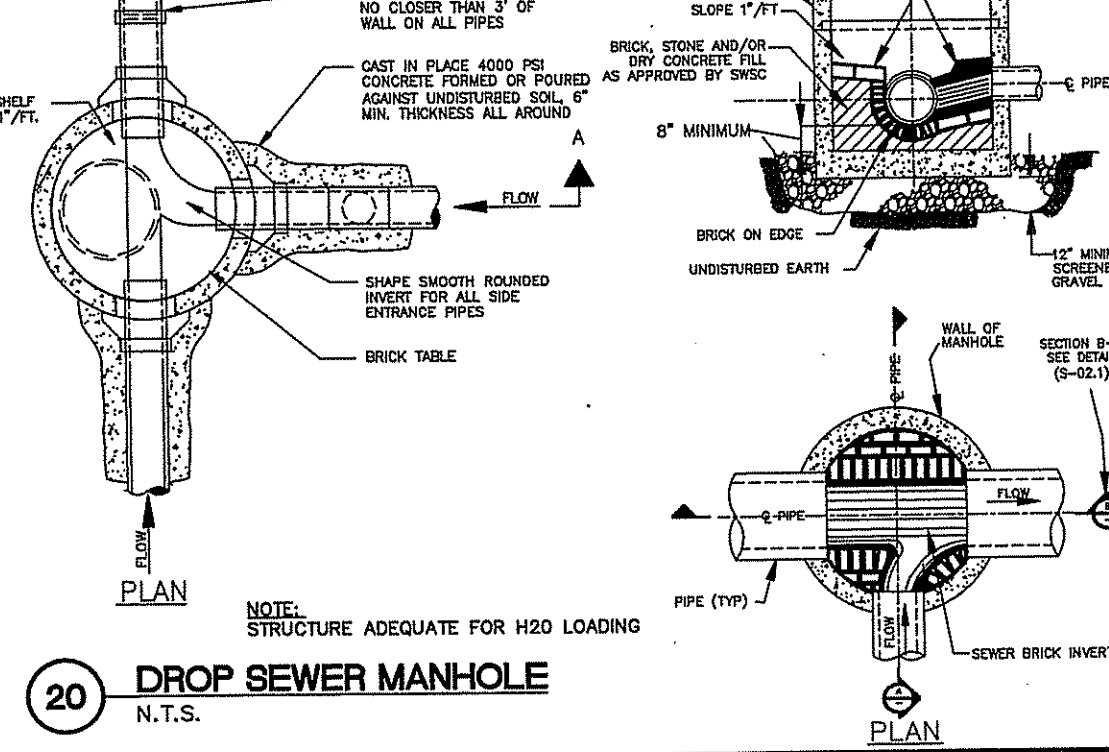
20 DROP SEWER MANHOLE
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21 PLANTER DRAIN
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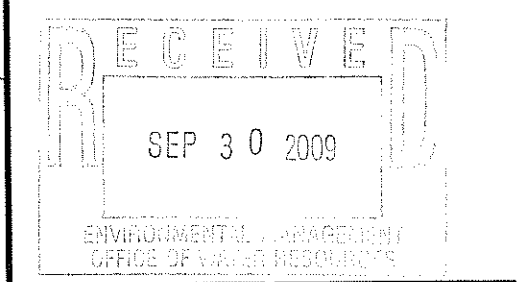


22 DROP SEWER MANHOLE
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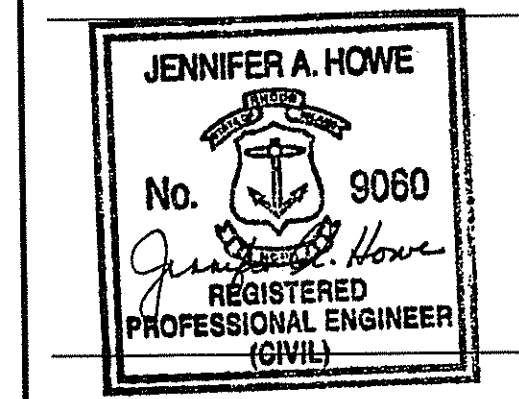


23 DROP SEWER MANHOLE
N.T.S.

OWNER REVIEW
NAME _____ DATE _____



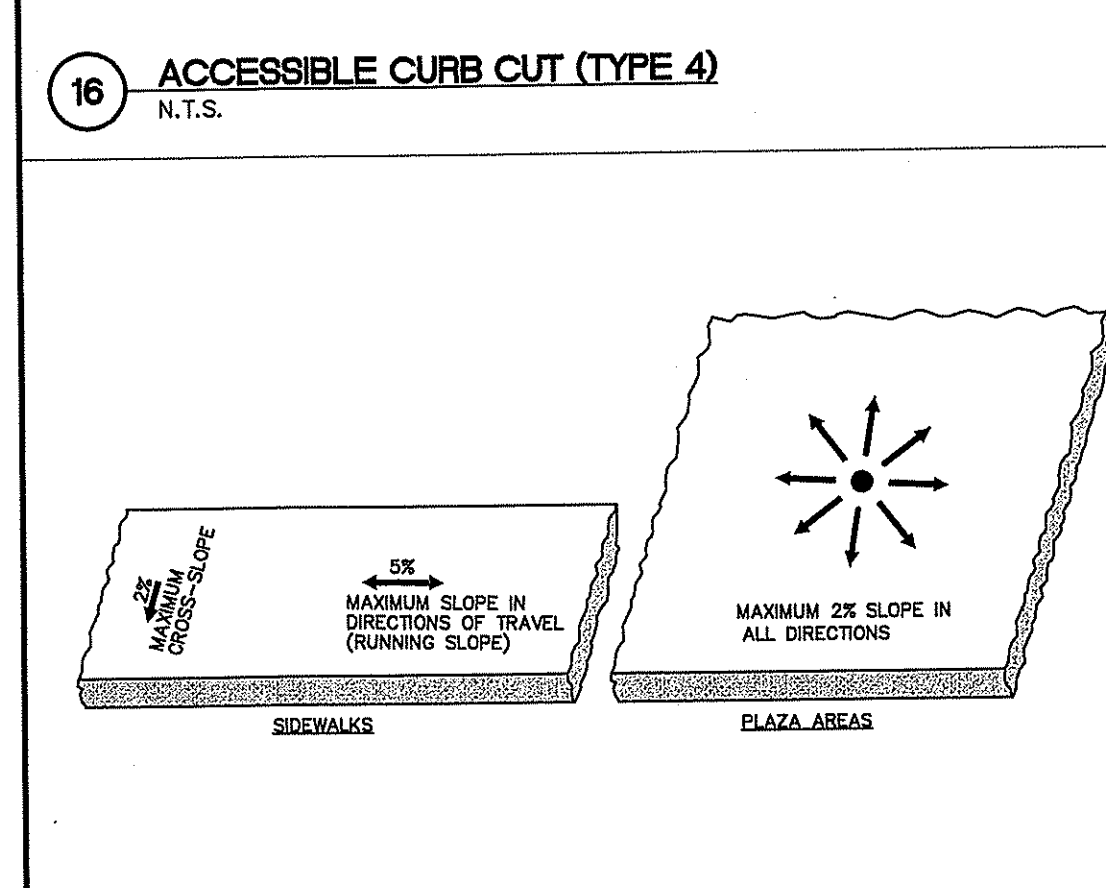
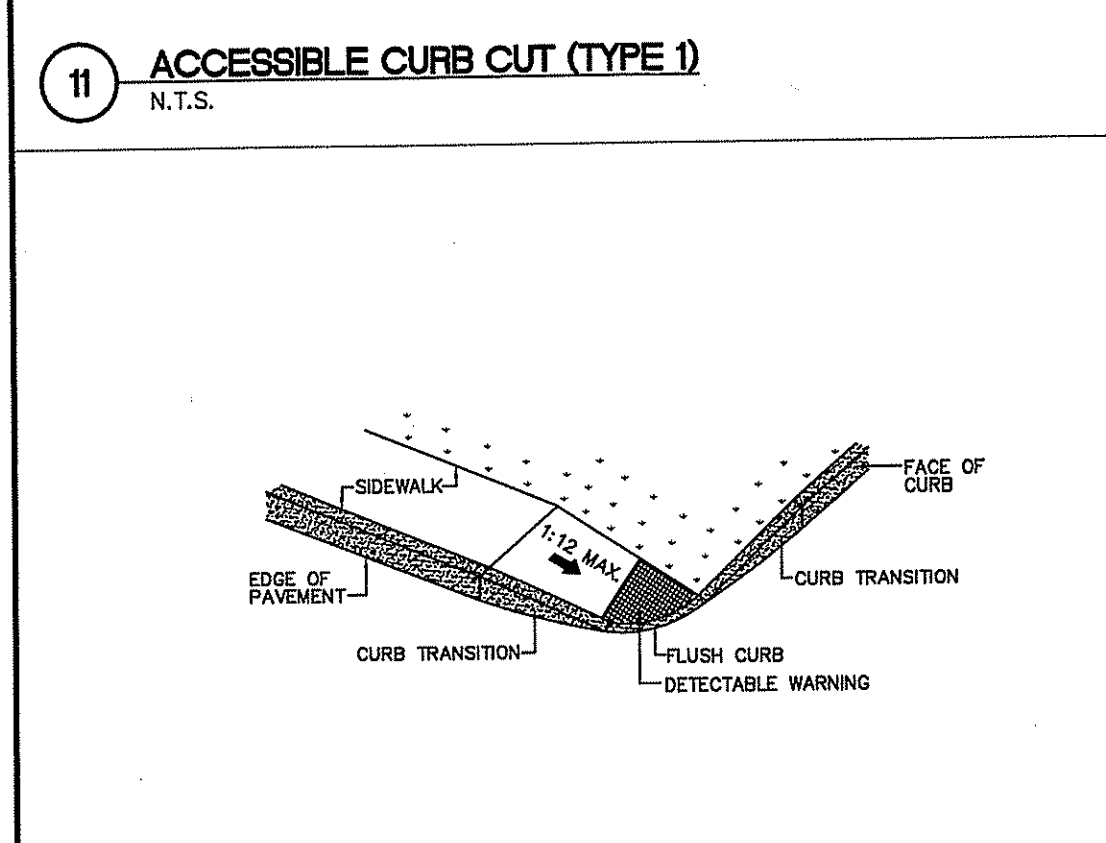
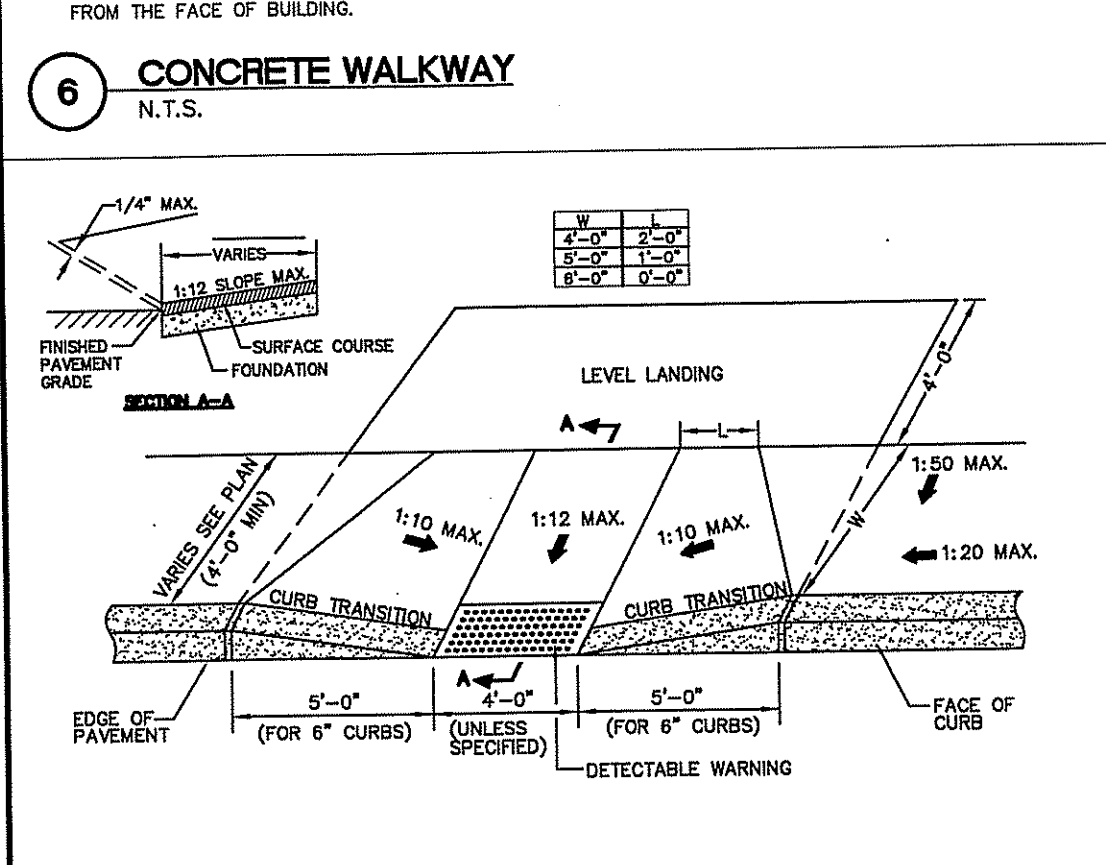
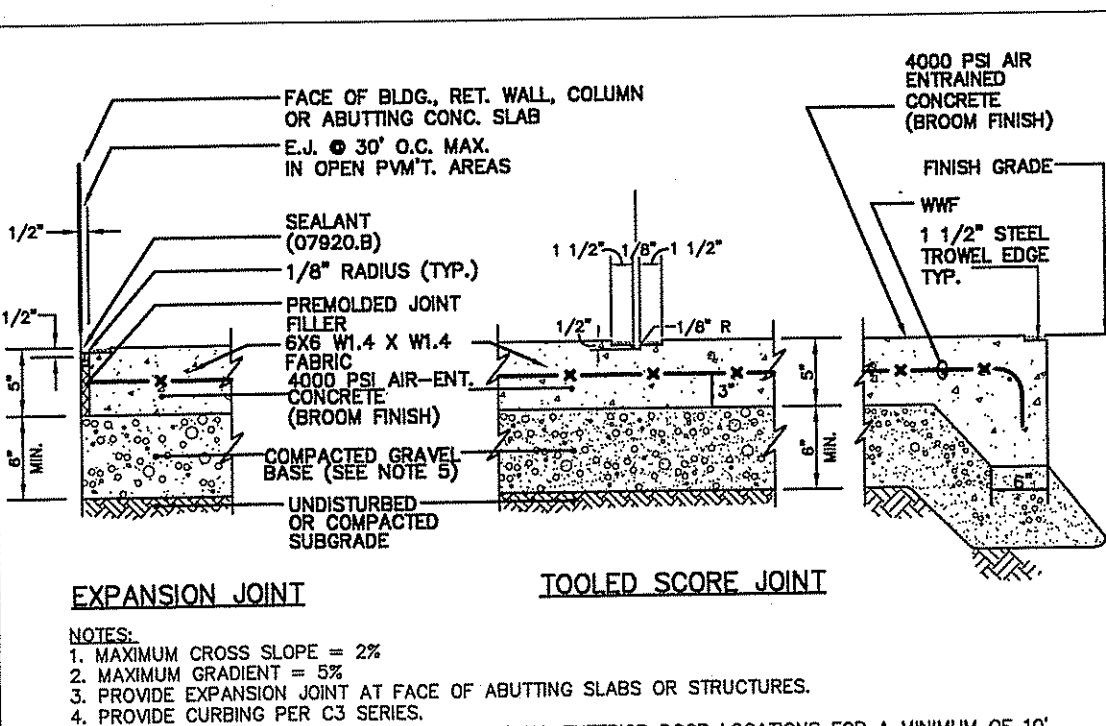
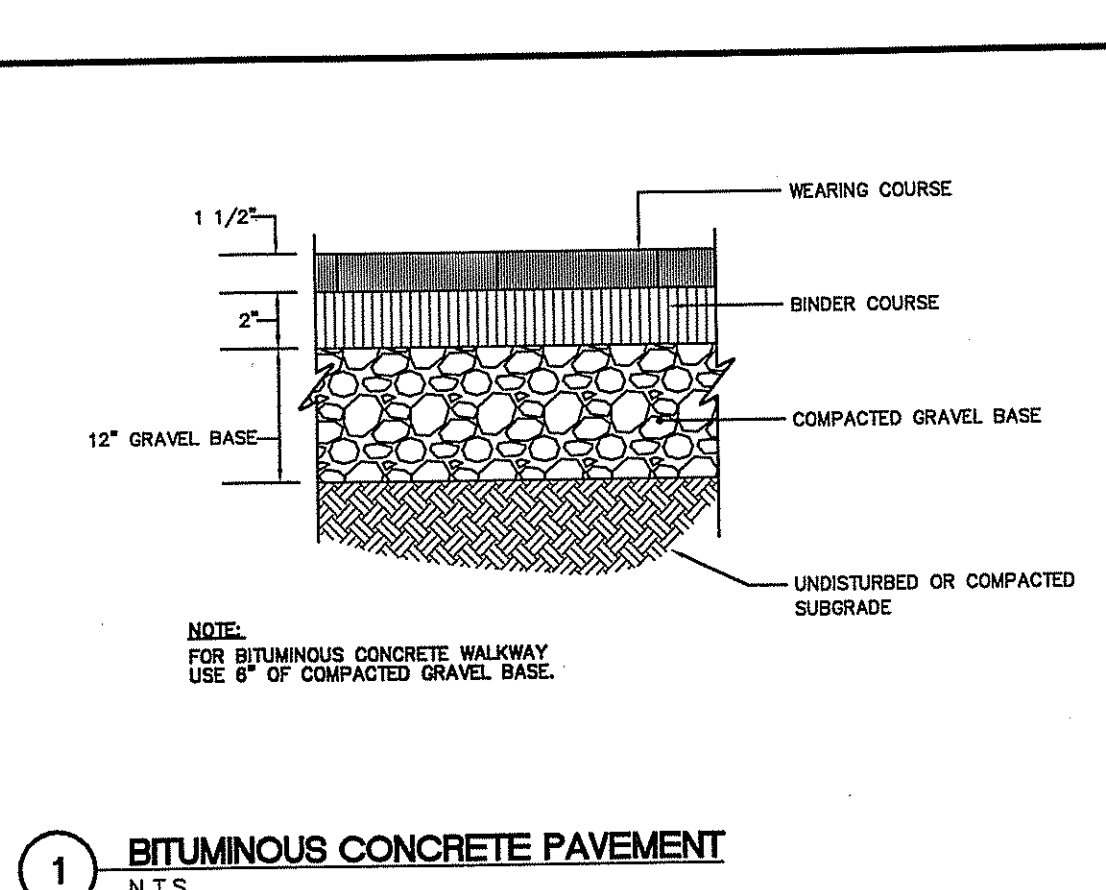
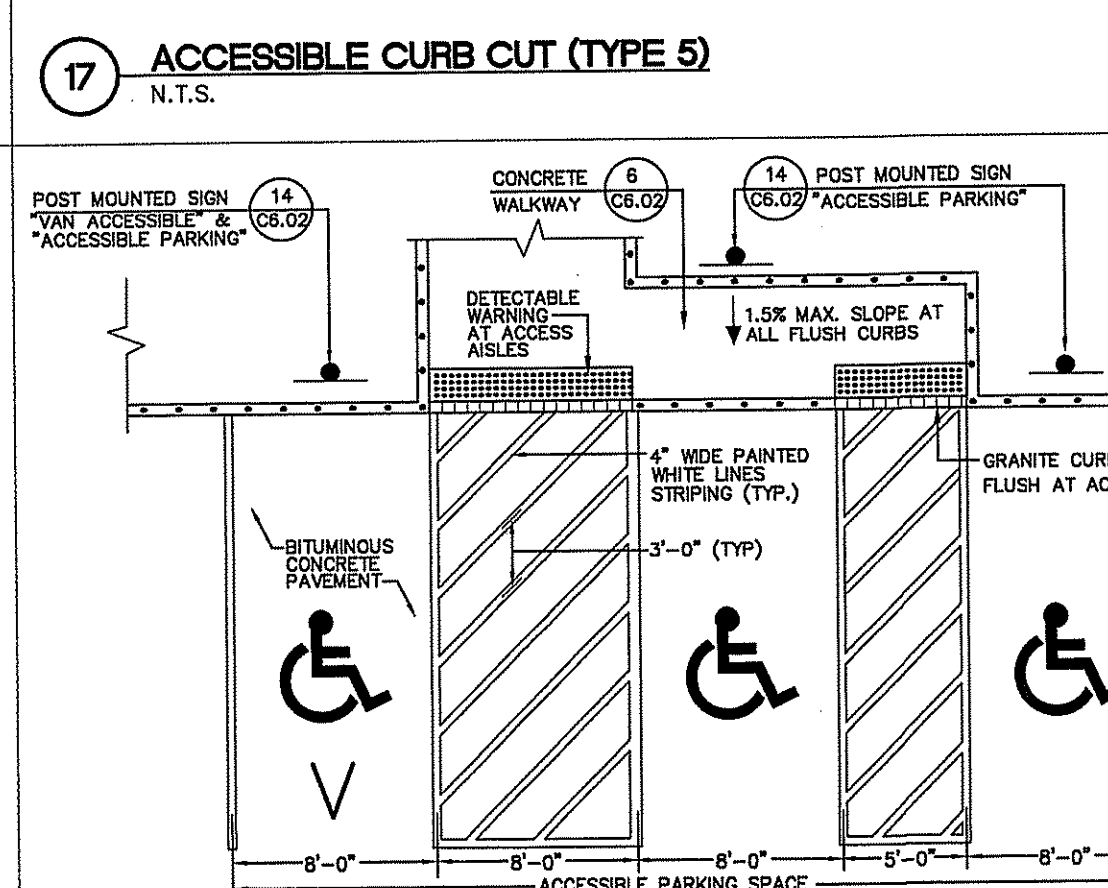
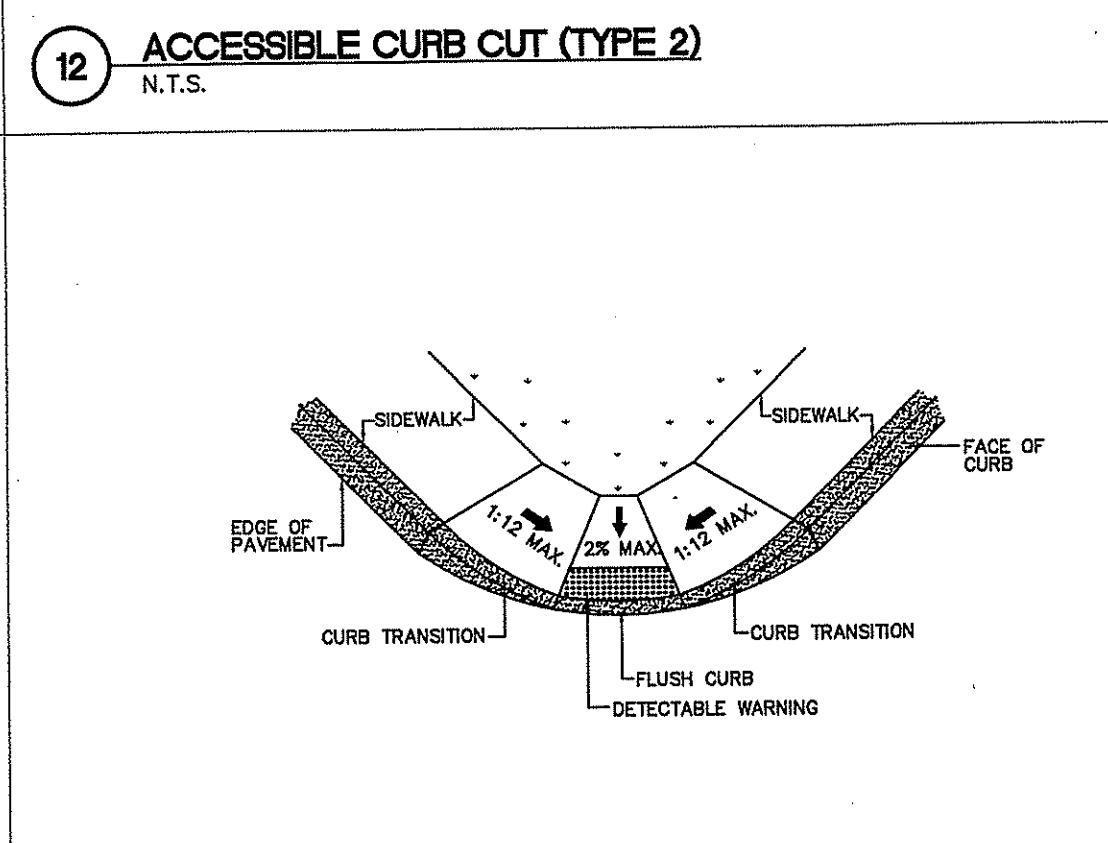
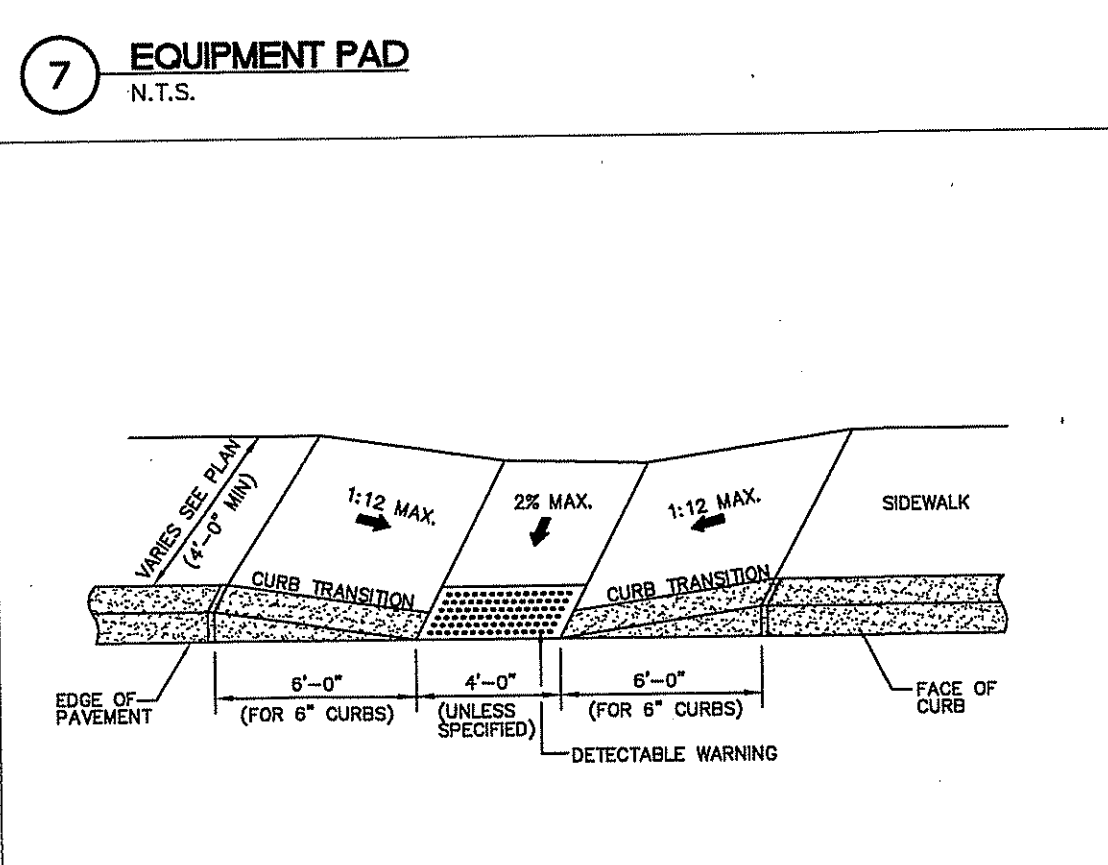
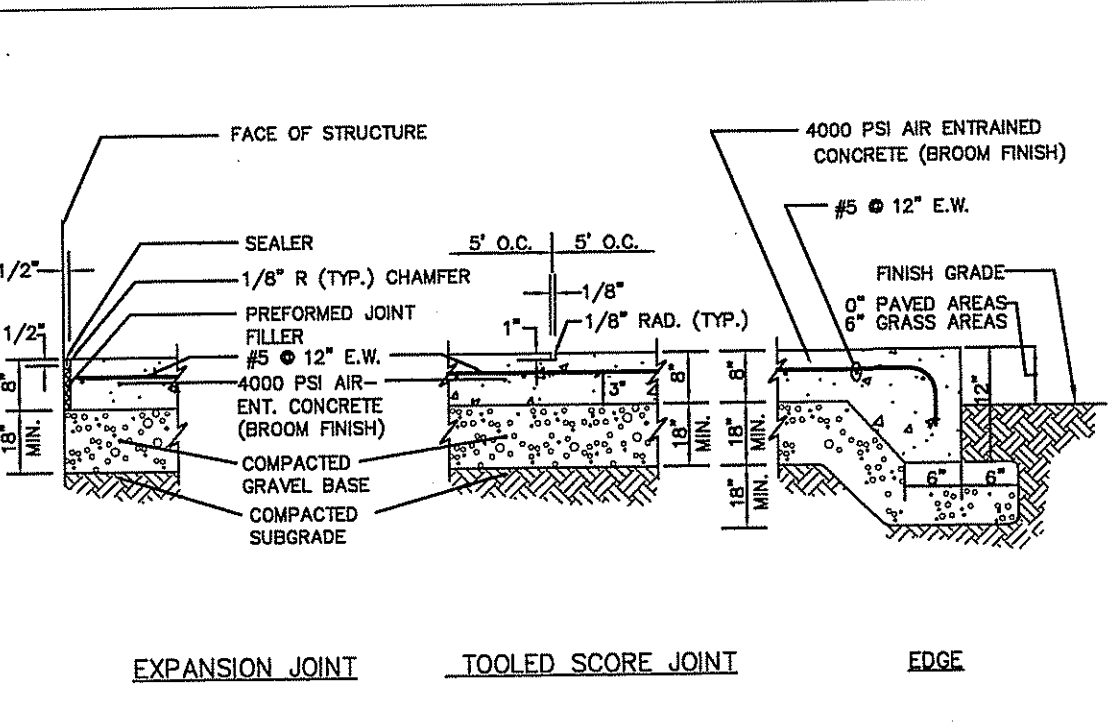
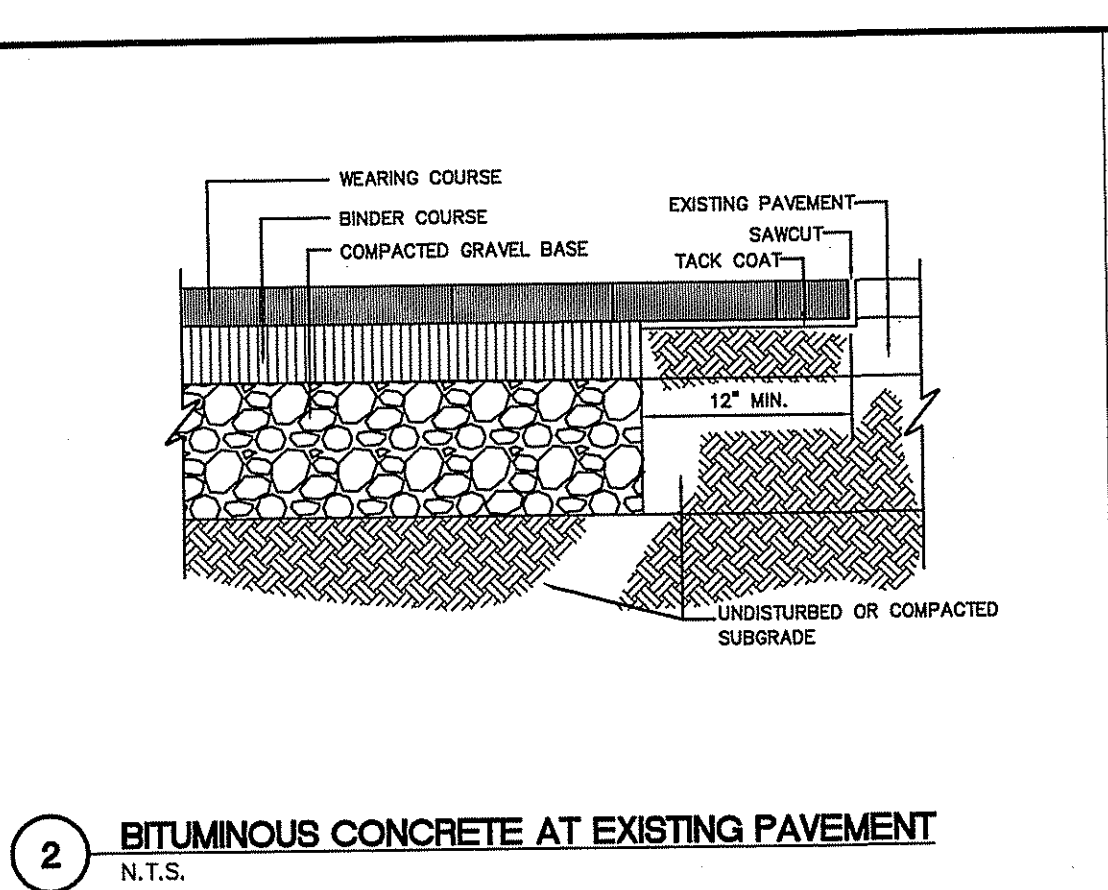
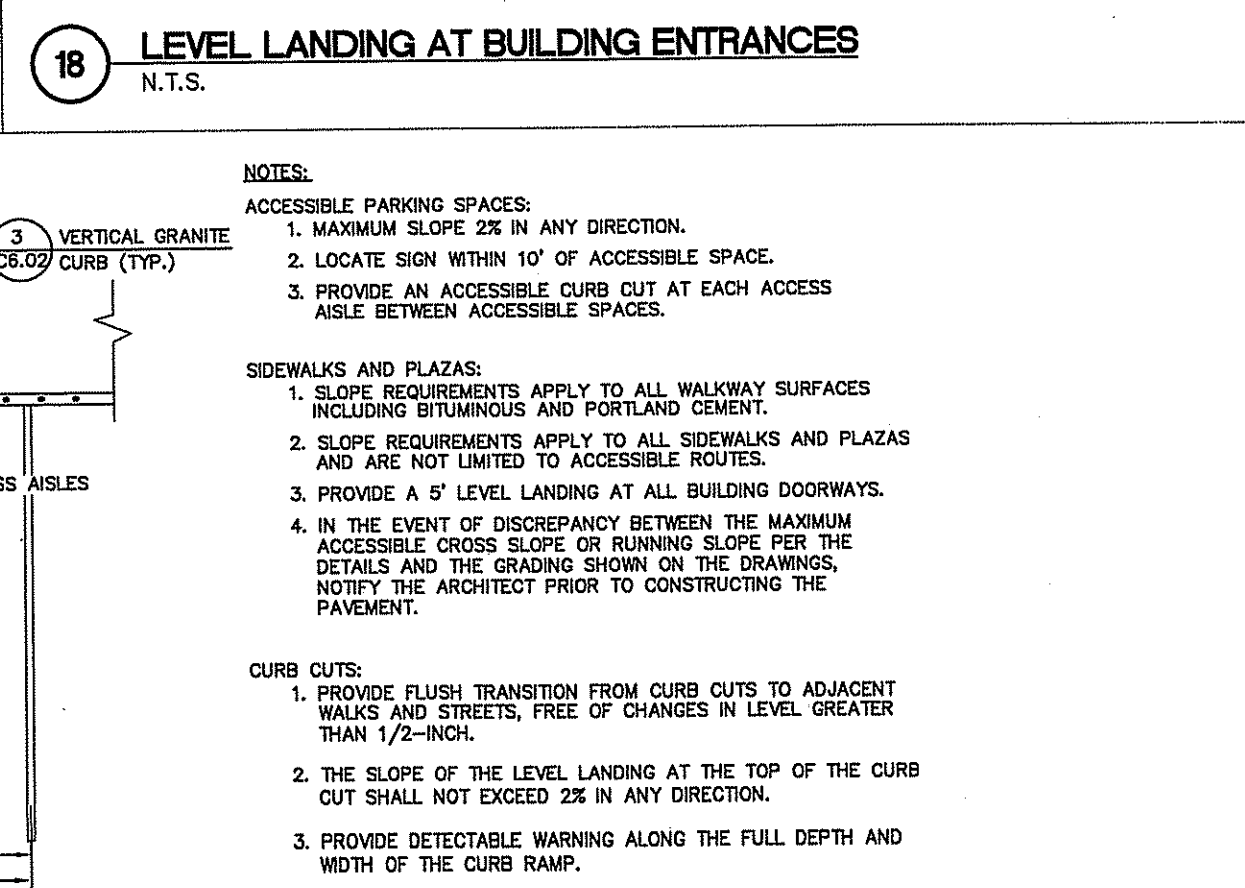
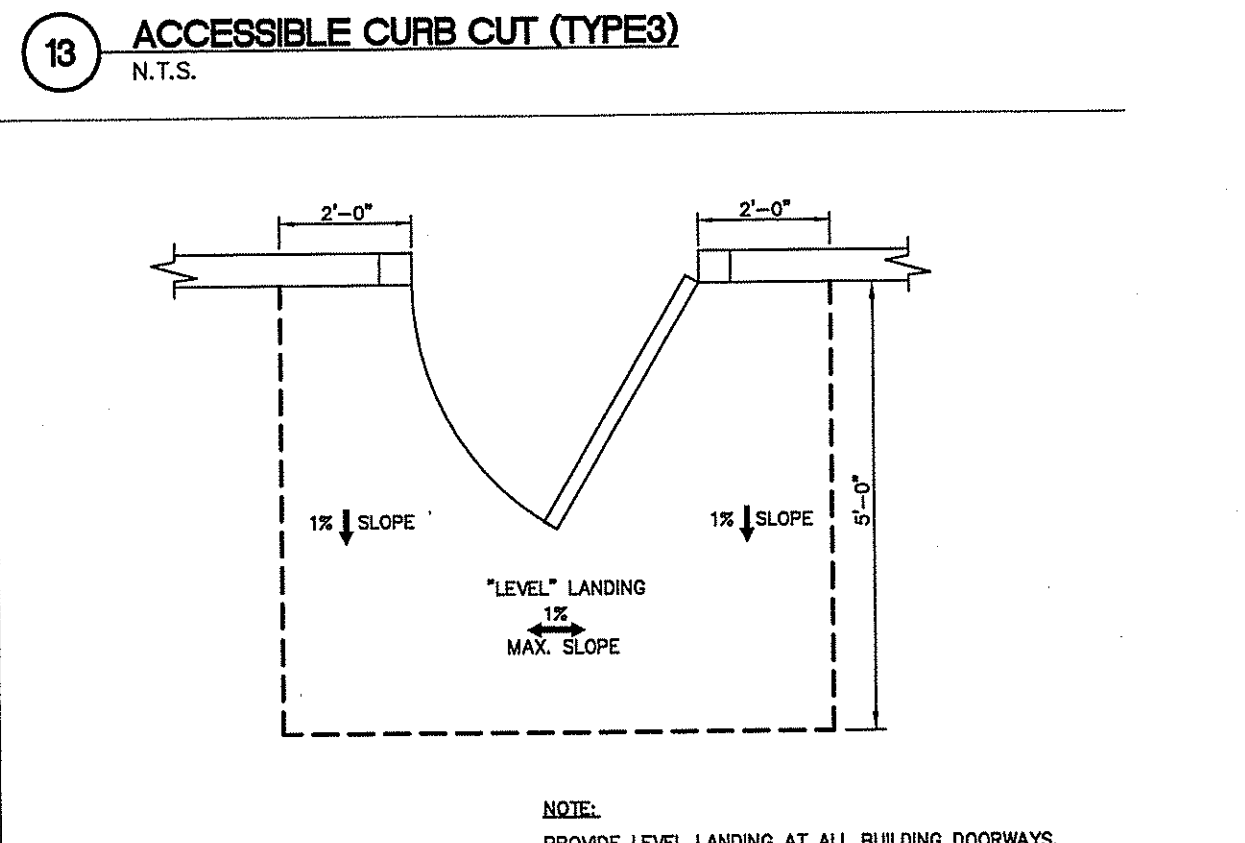
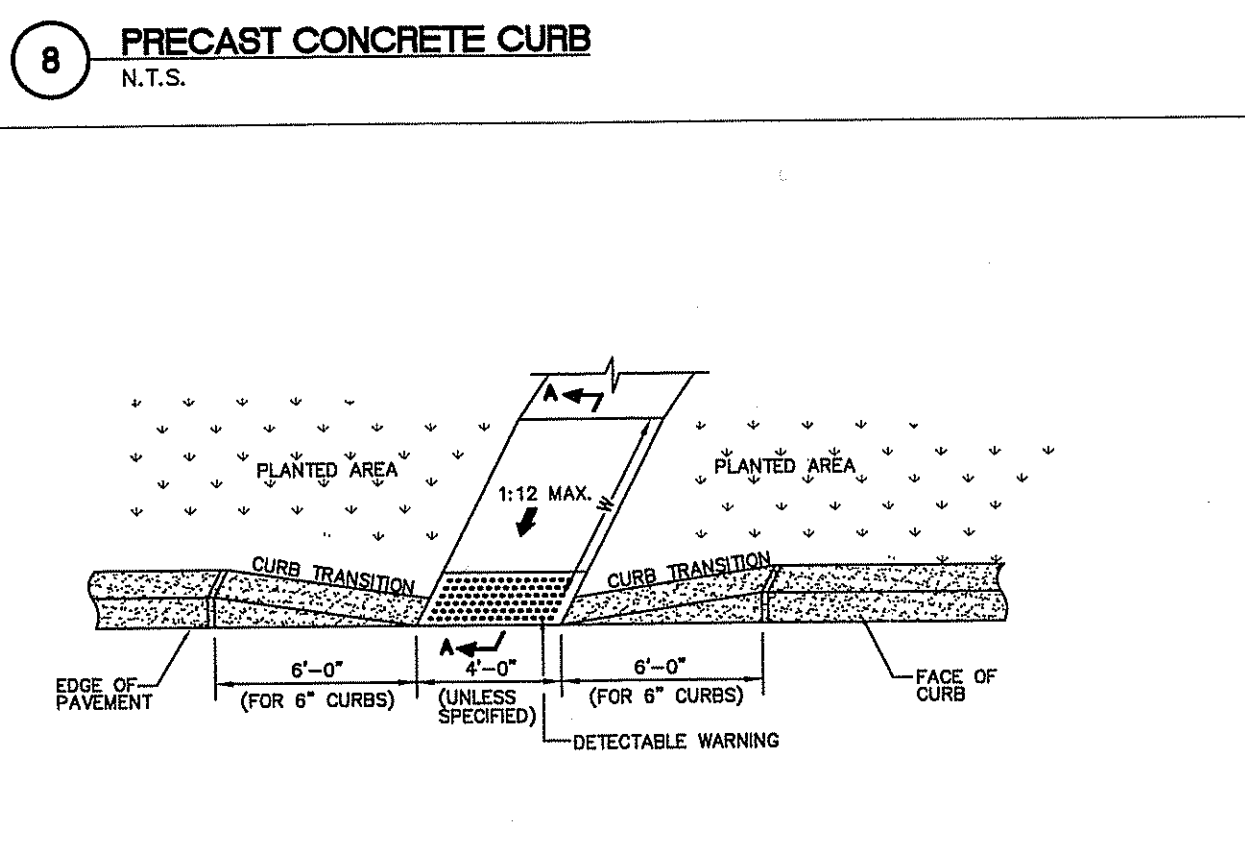
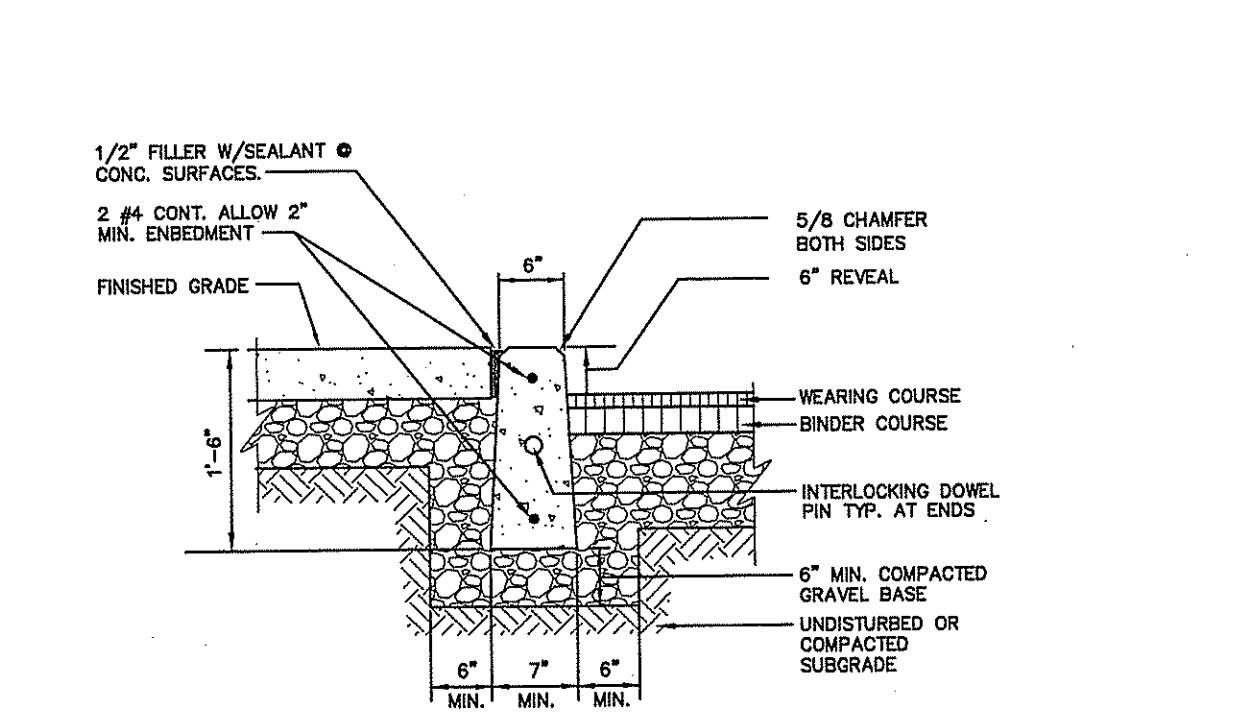
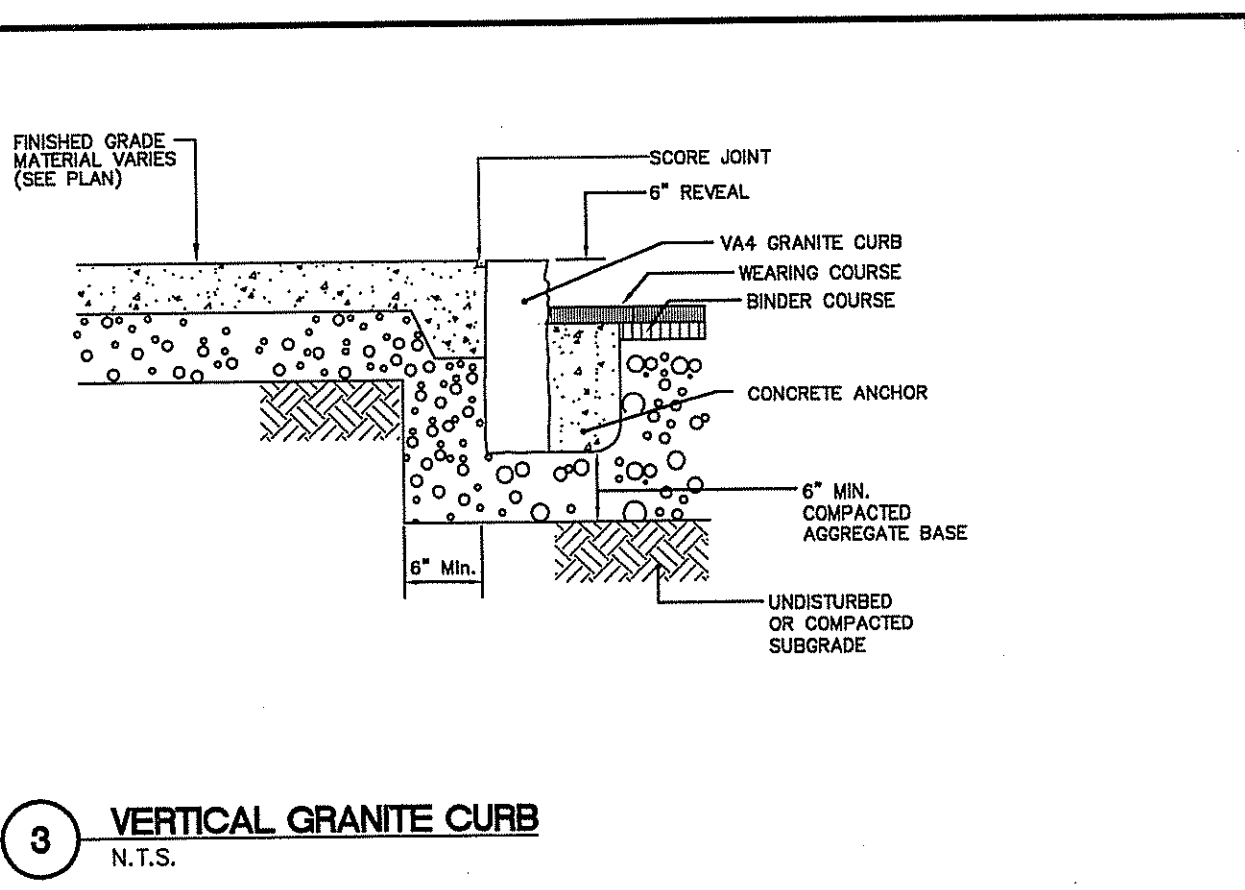
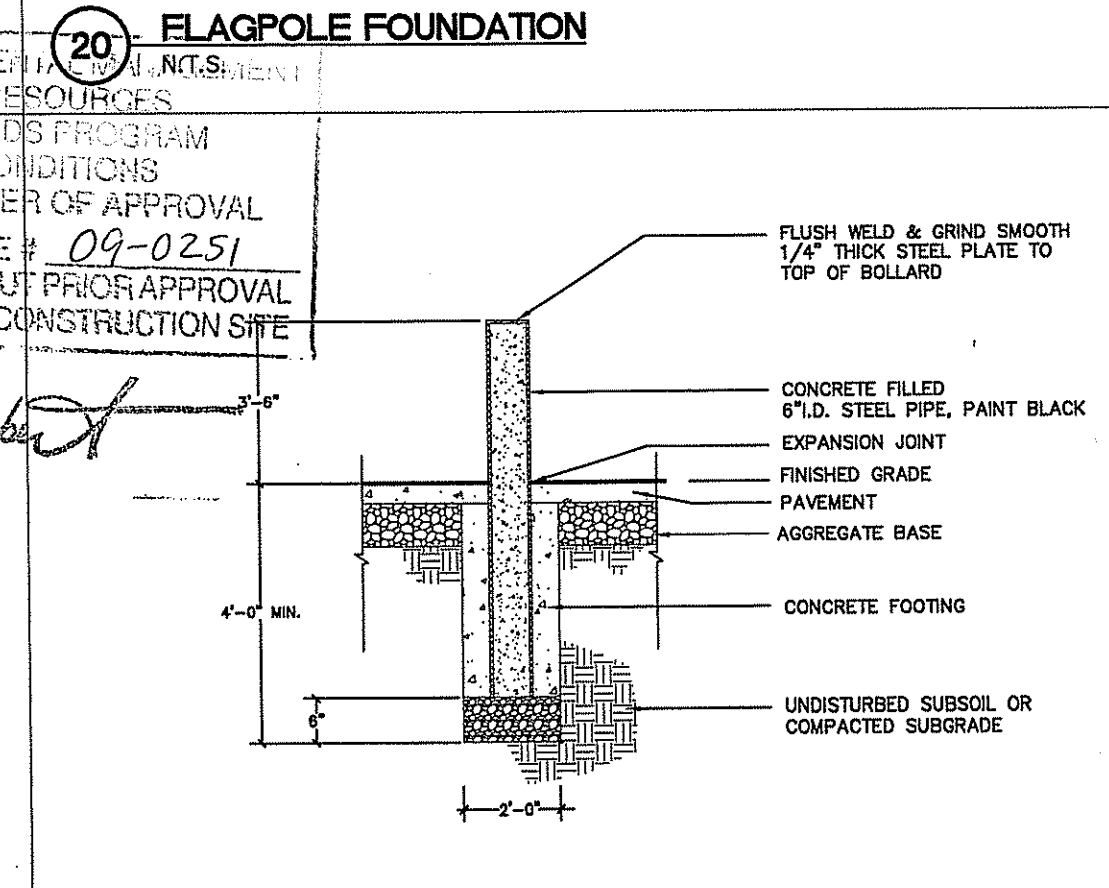
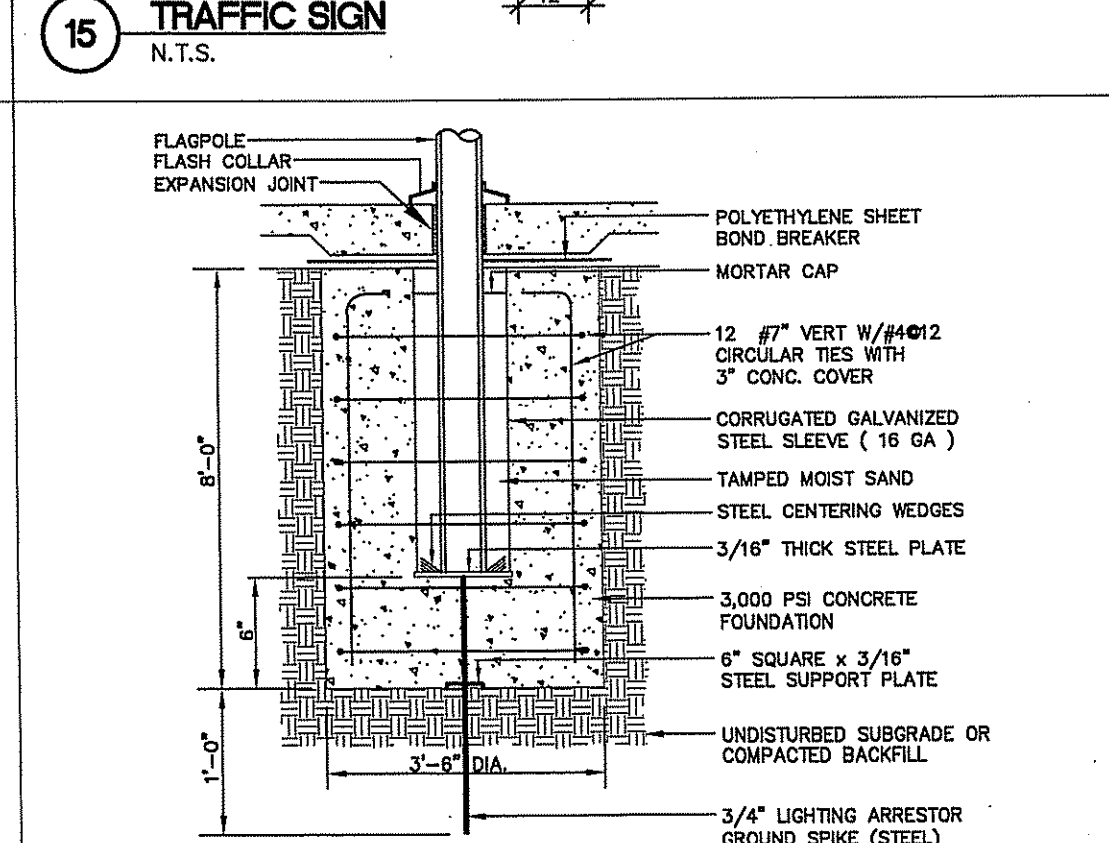
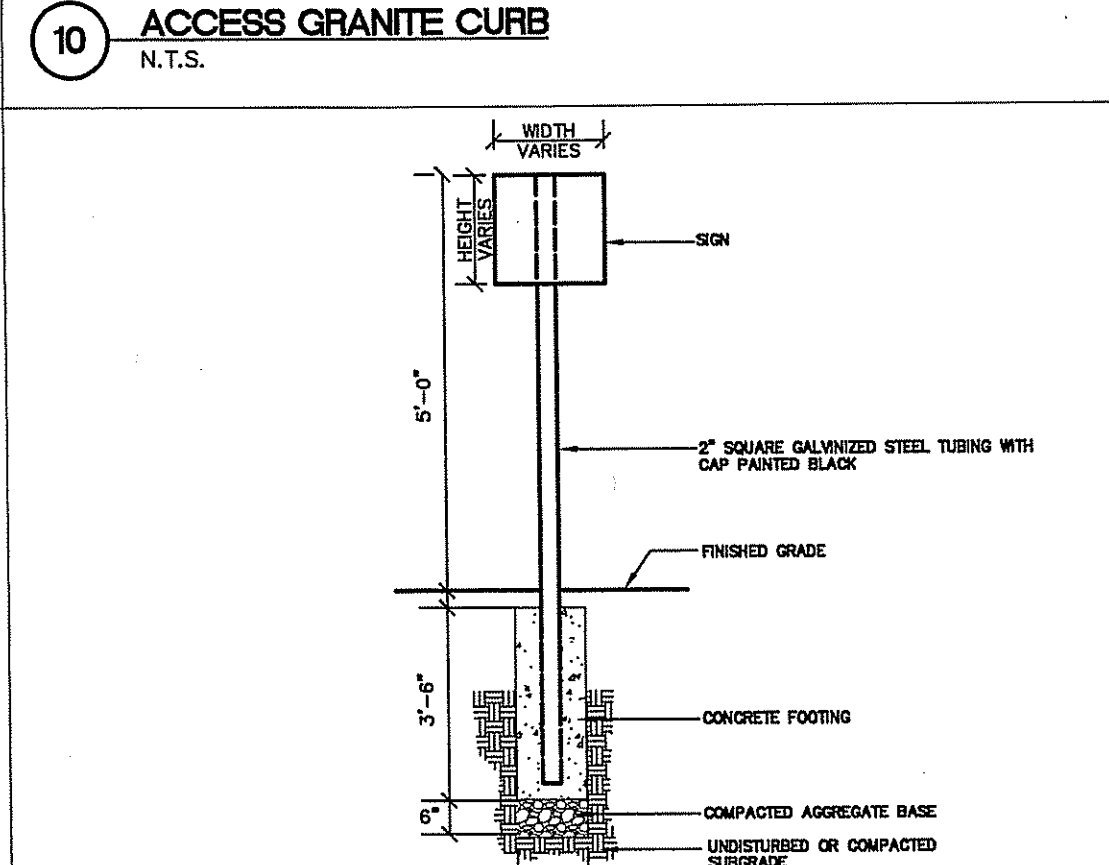
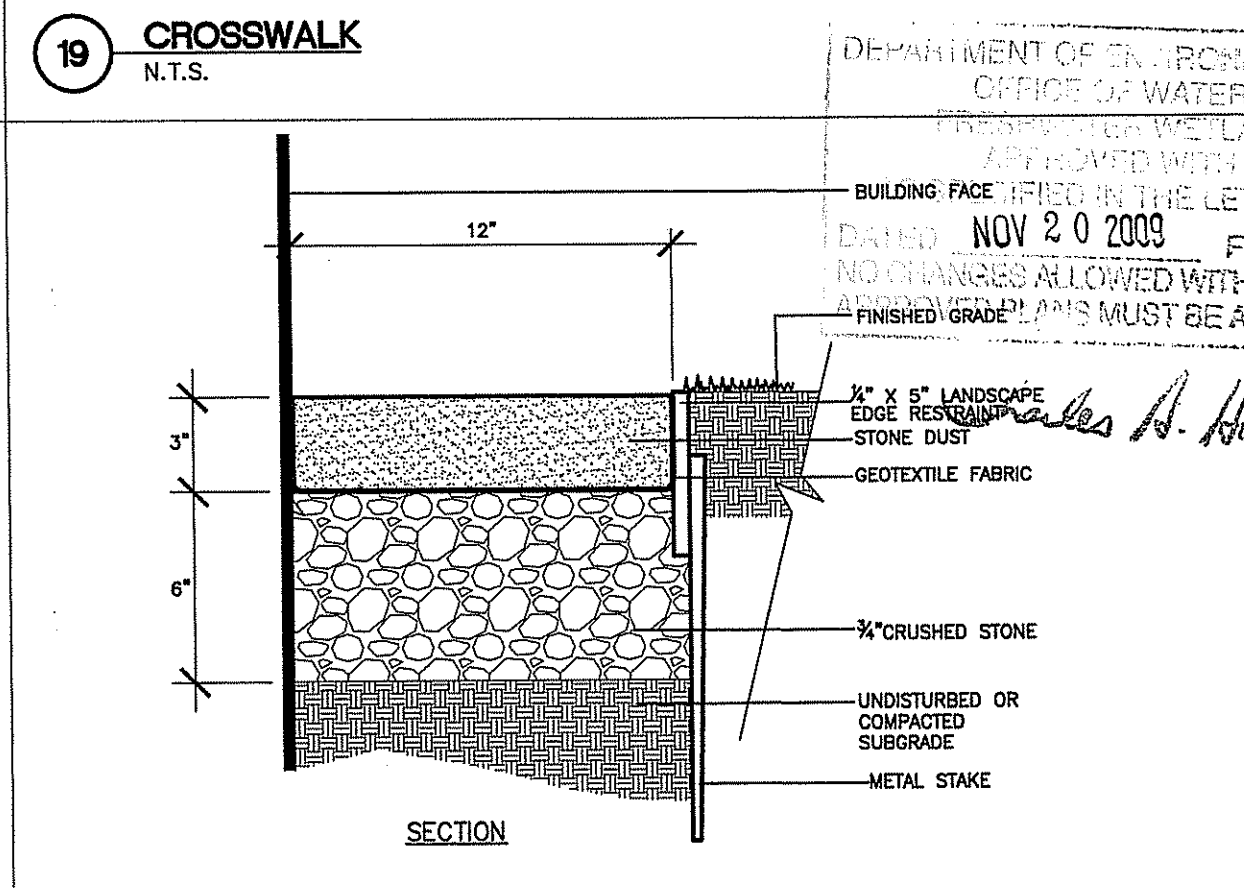
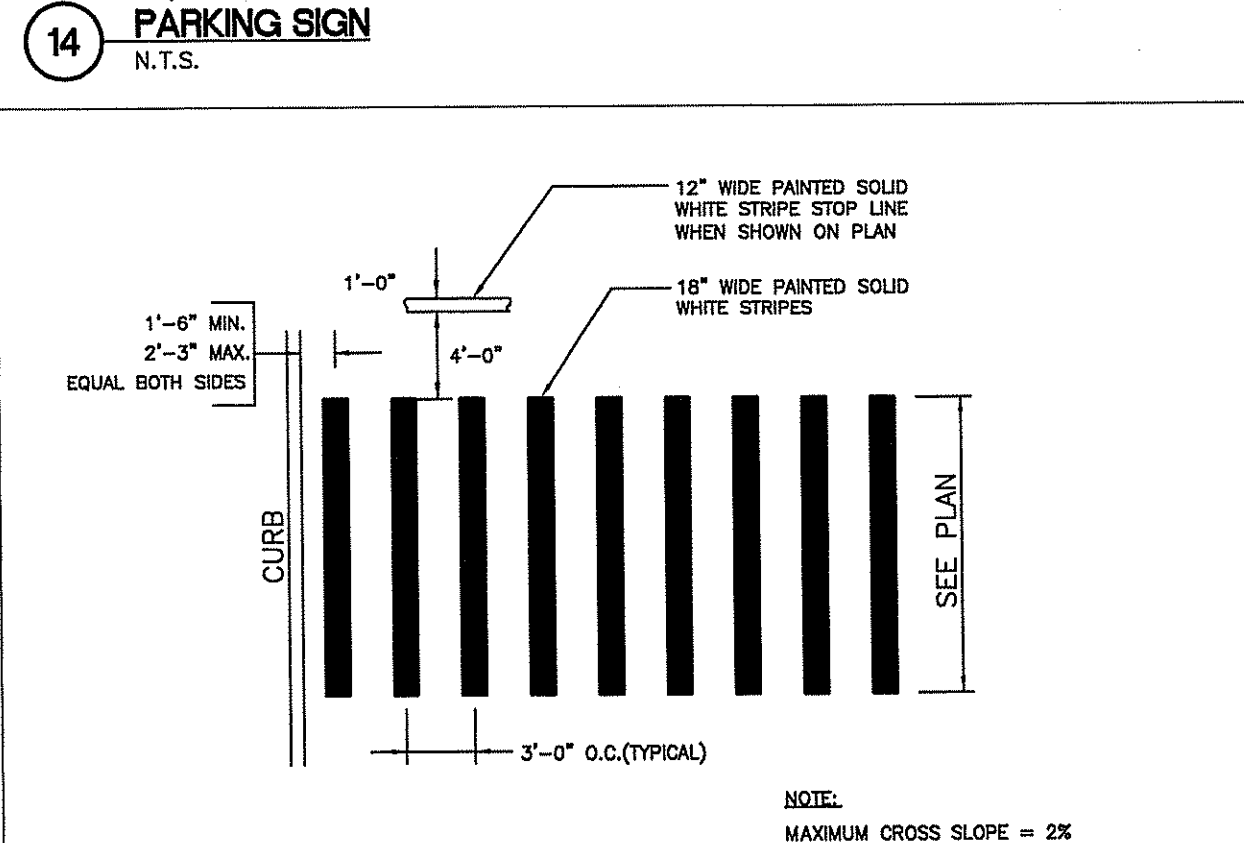
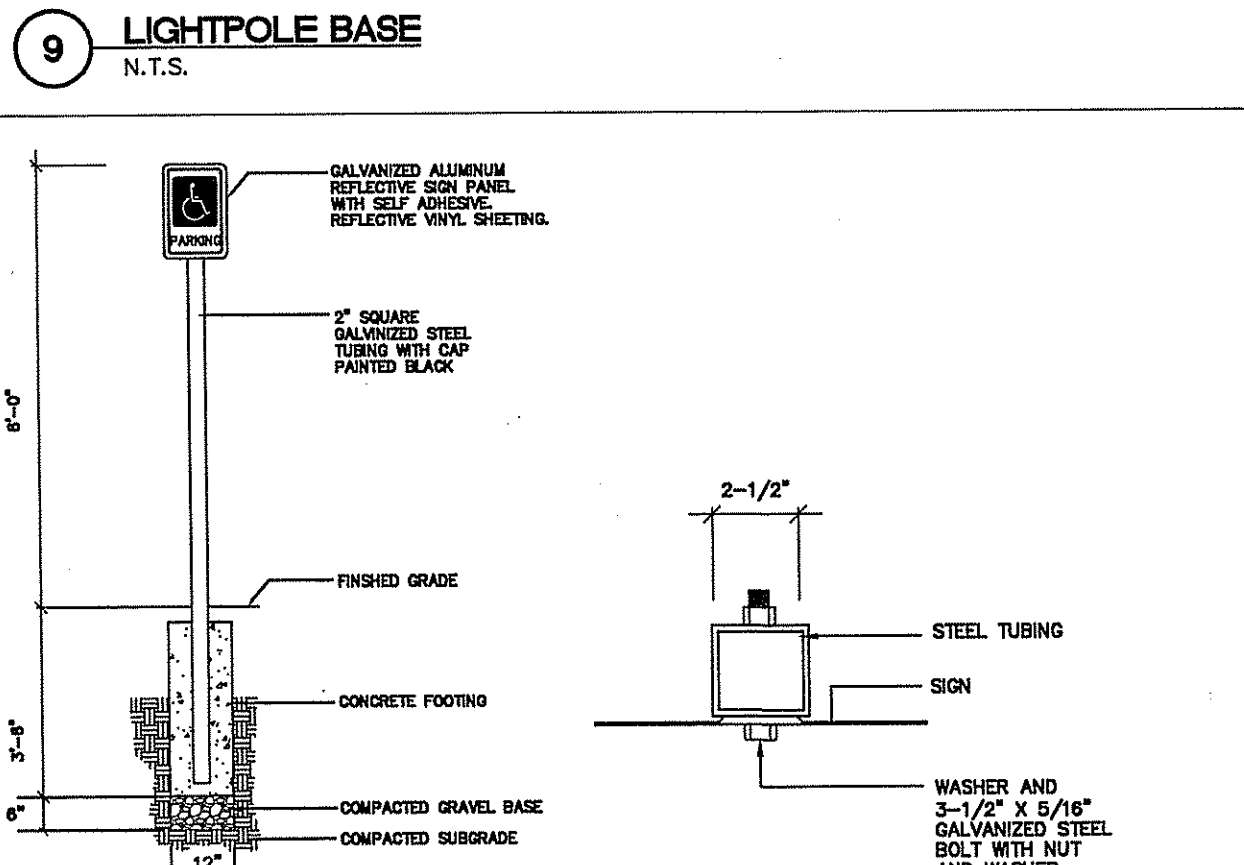
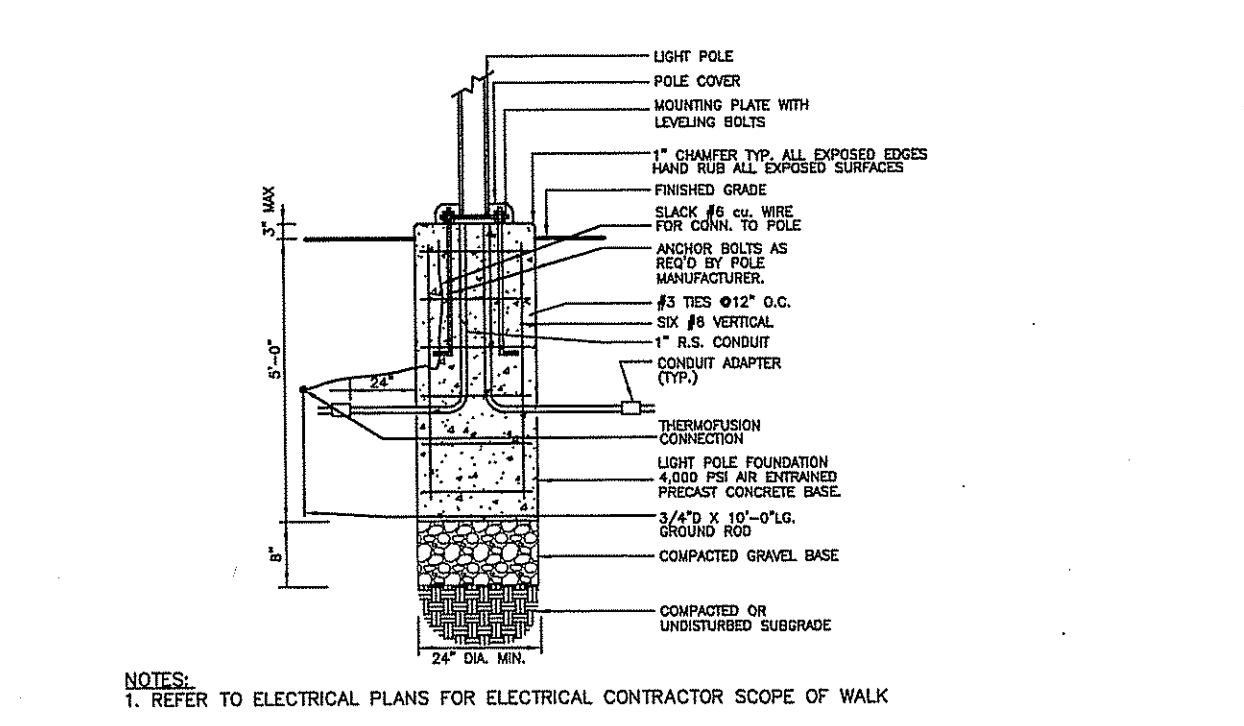
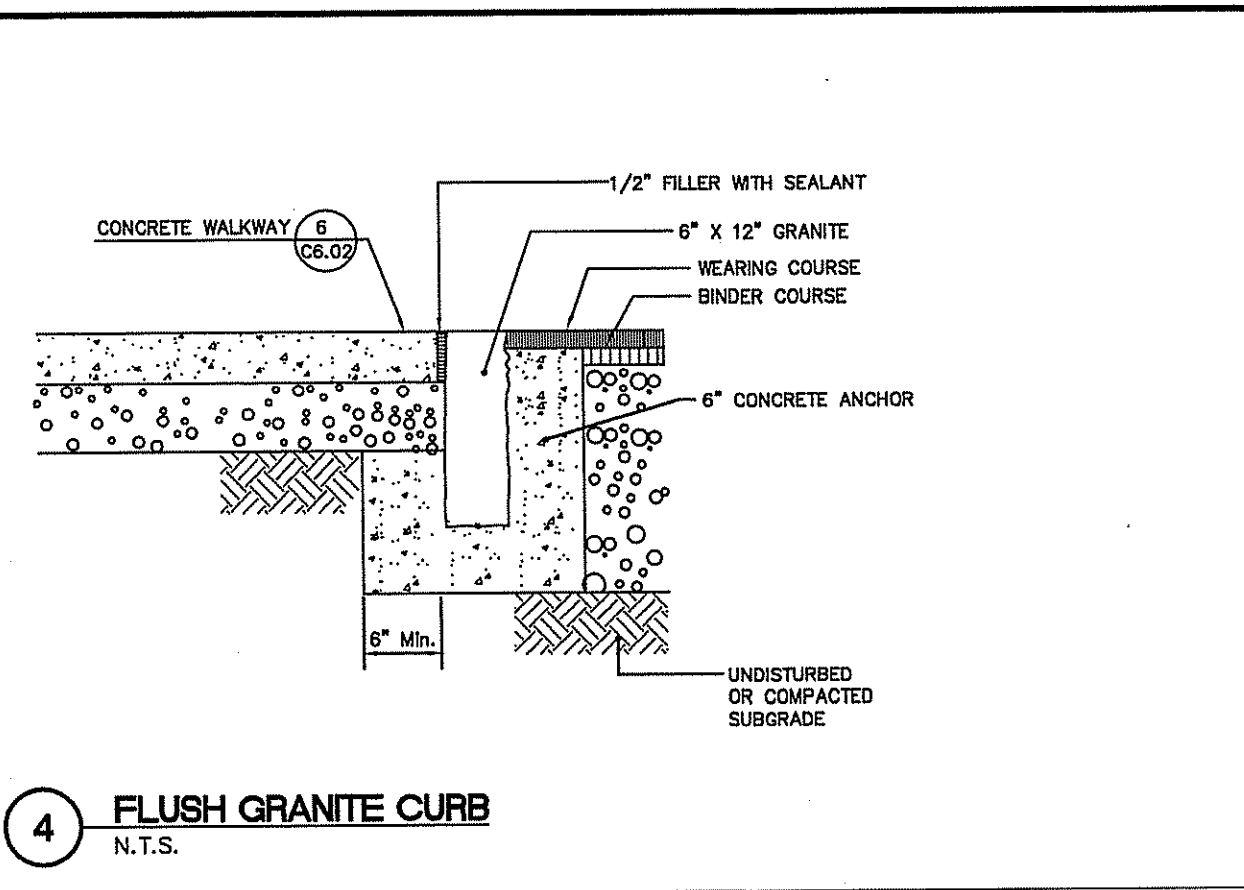
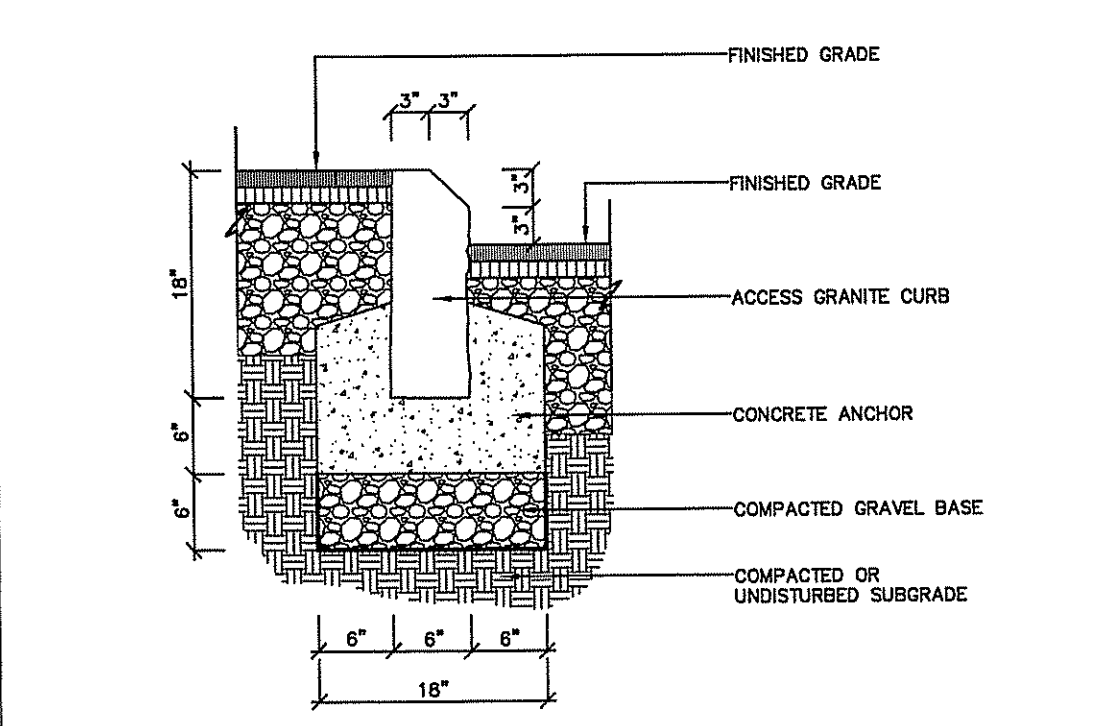
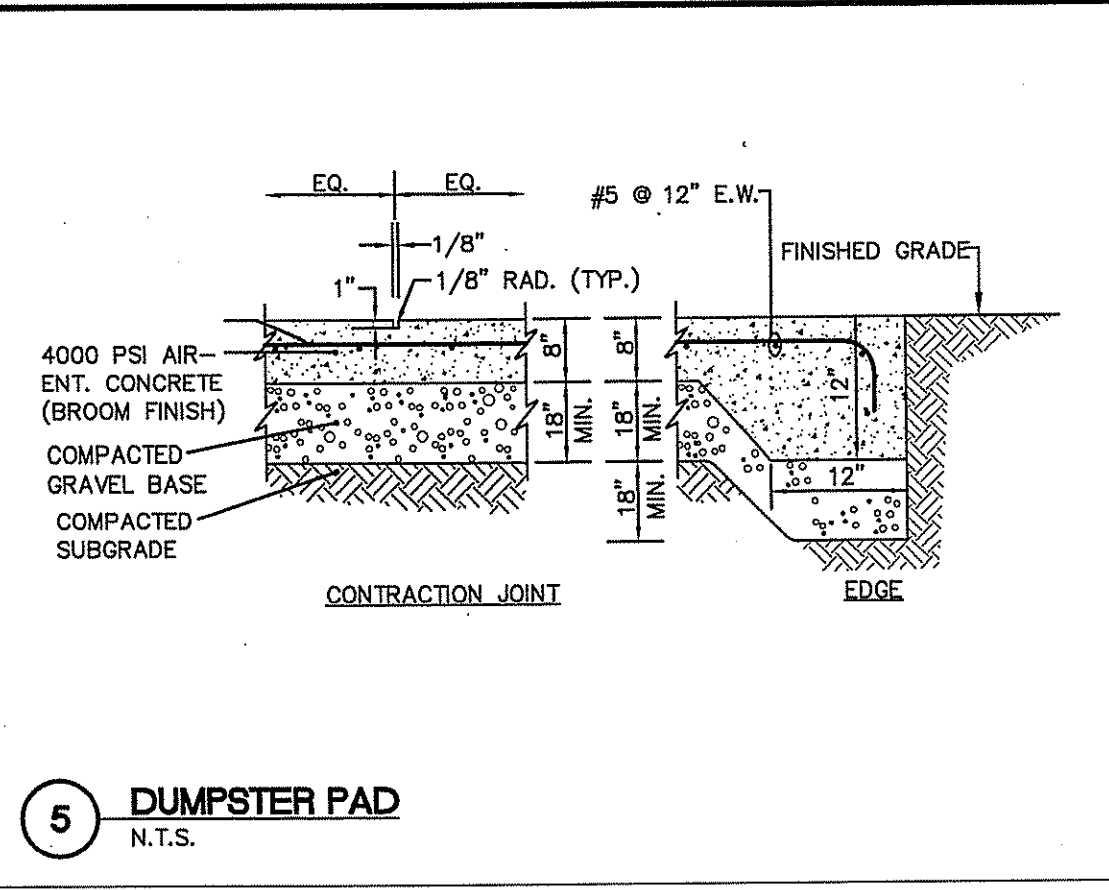
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07.24.09	PERMIT SET
NO. _____	DATE _____ DESCRIPTION _____



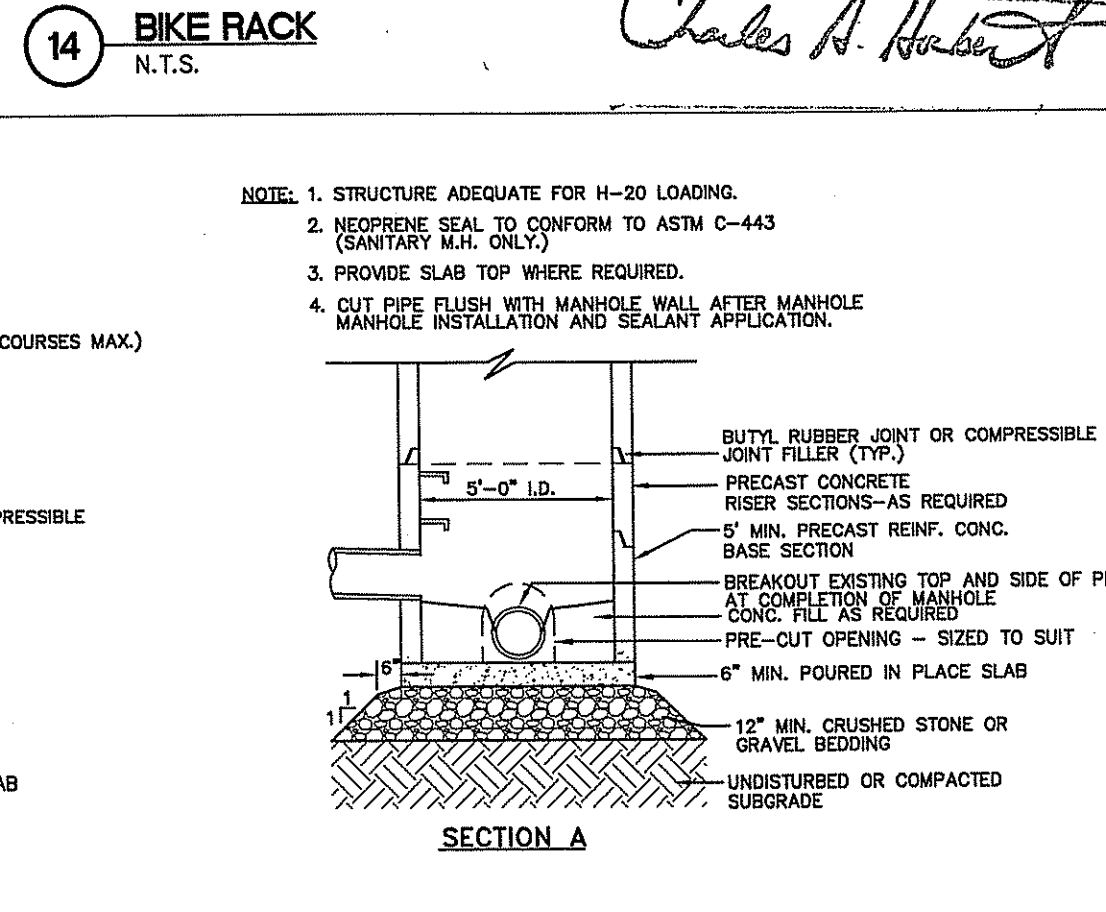
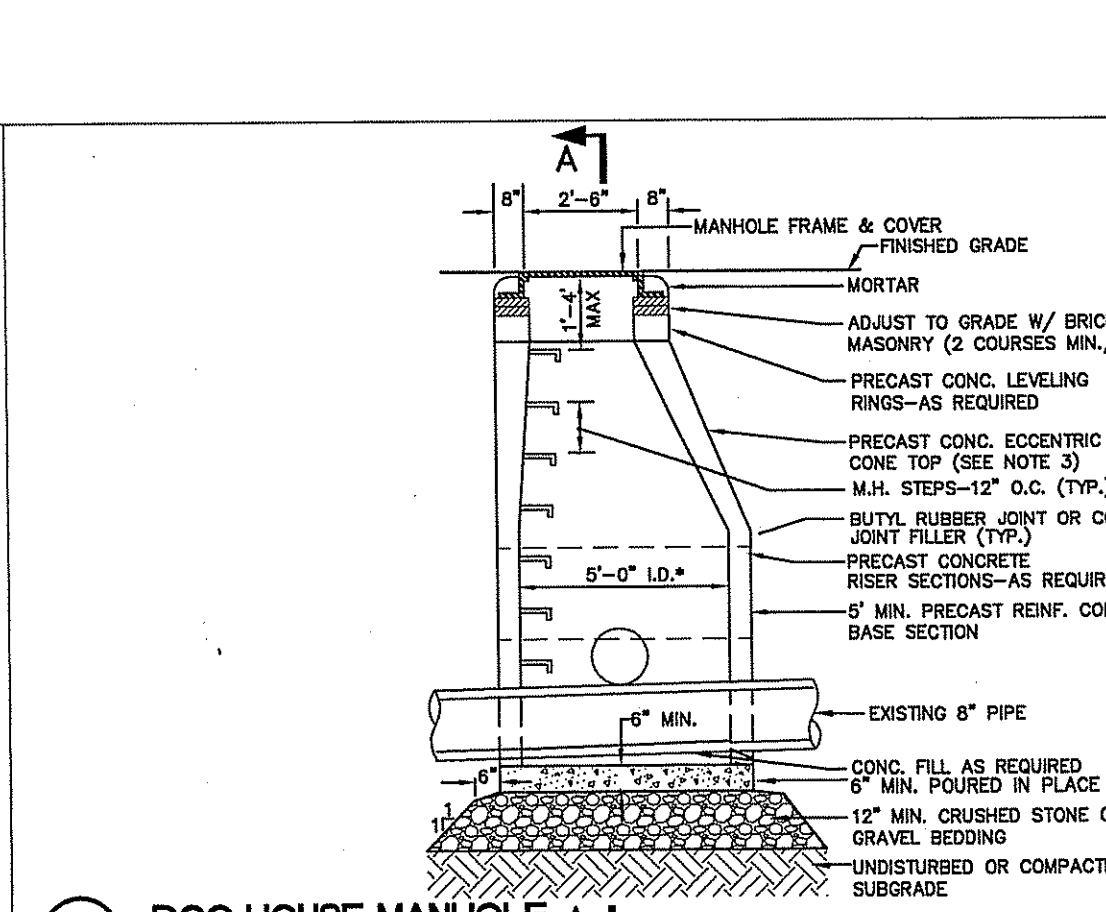
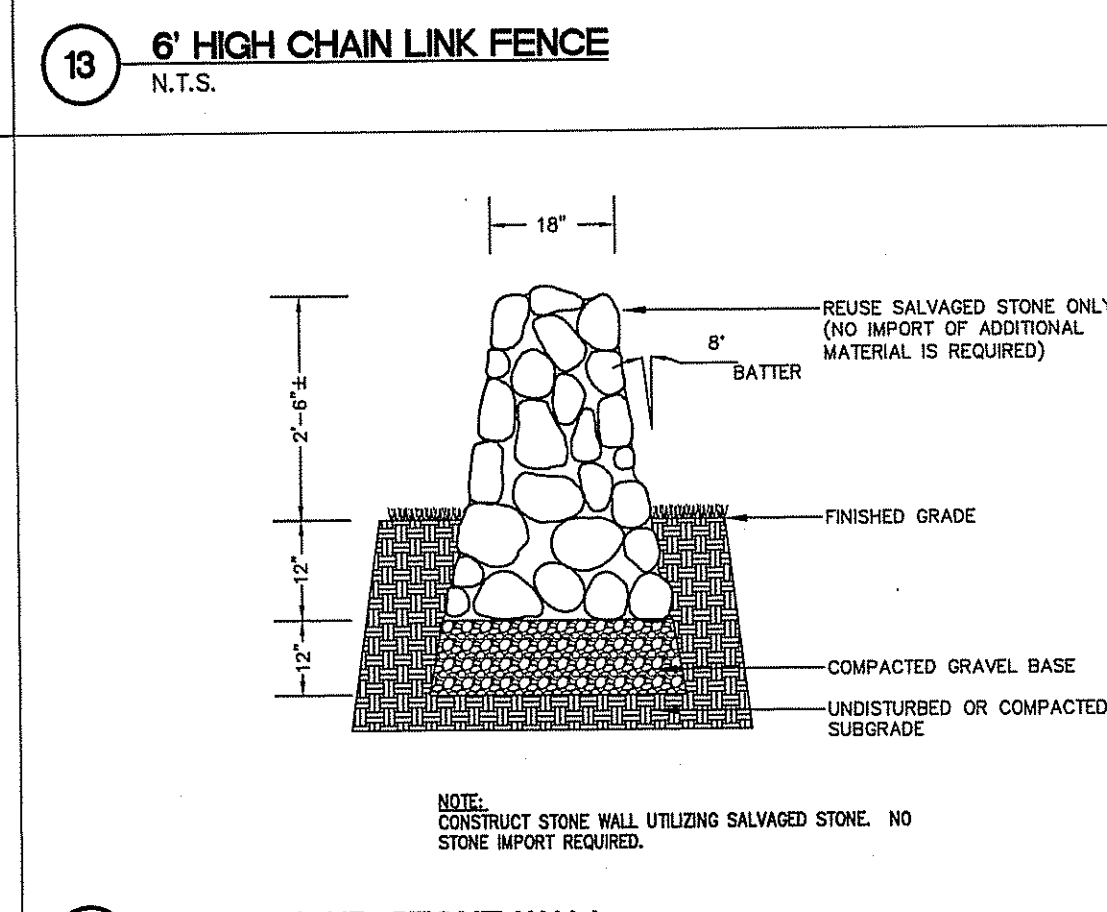
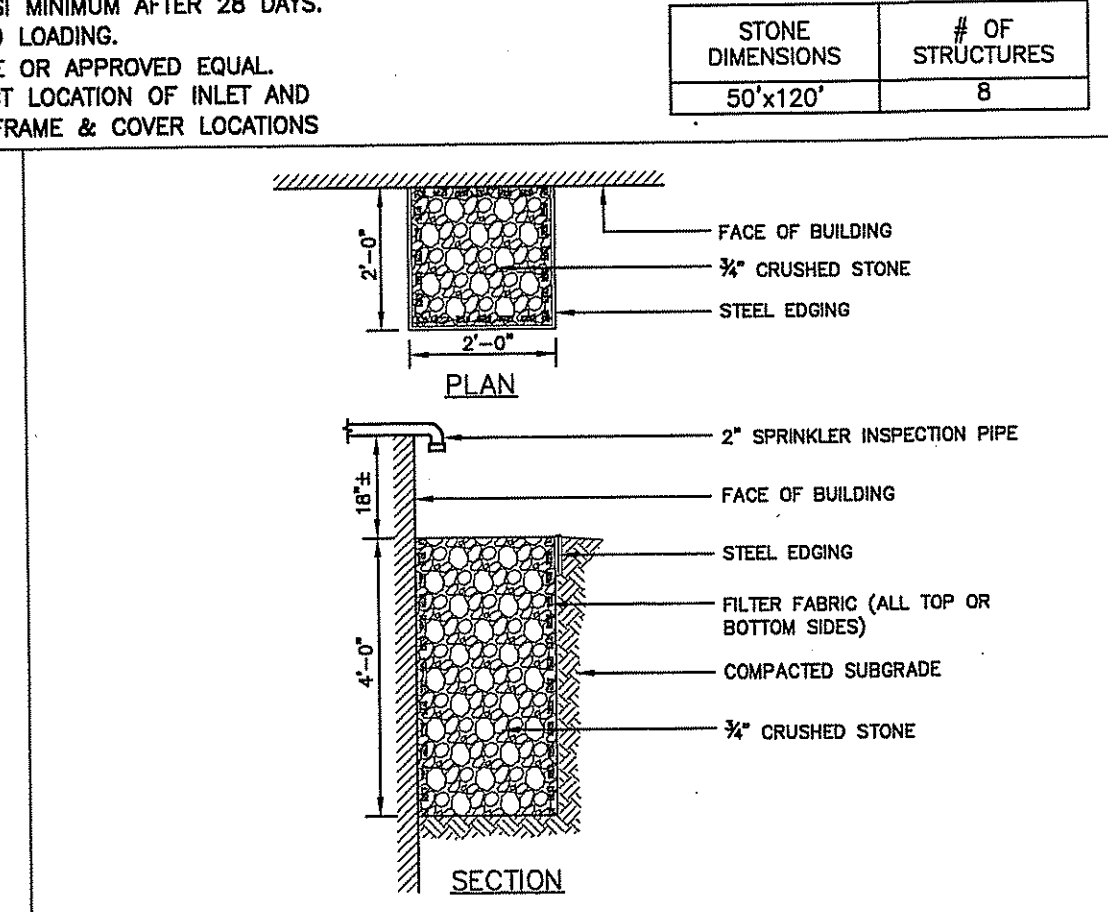
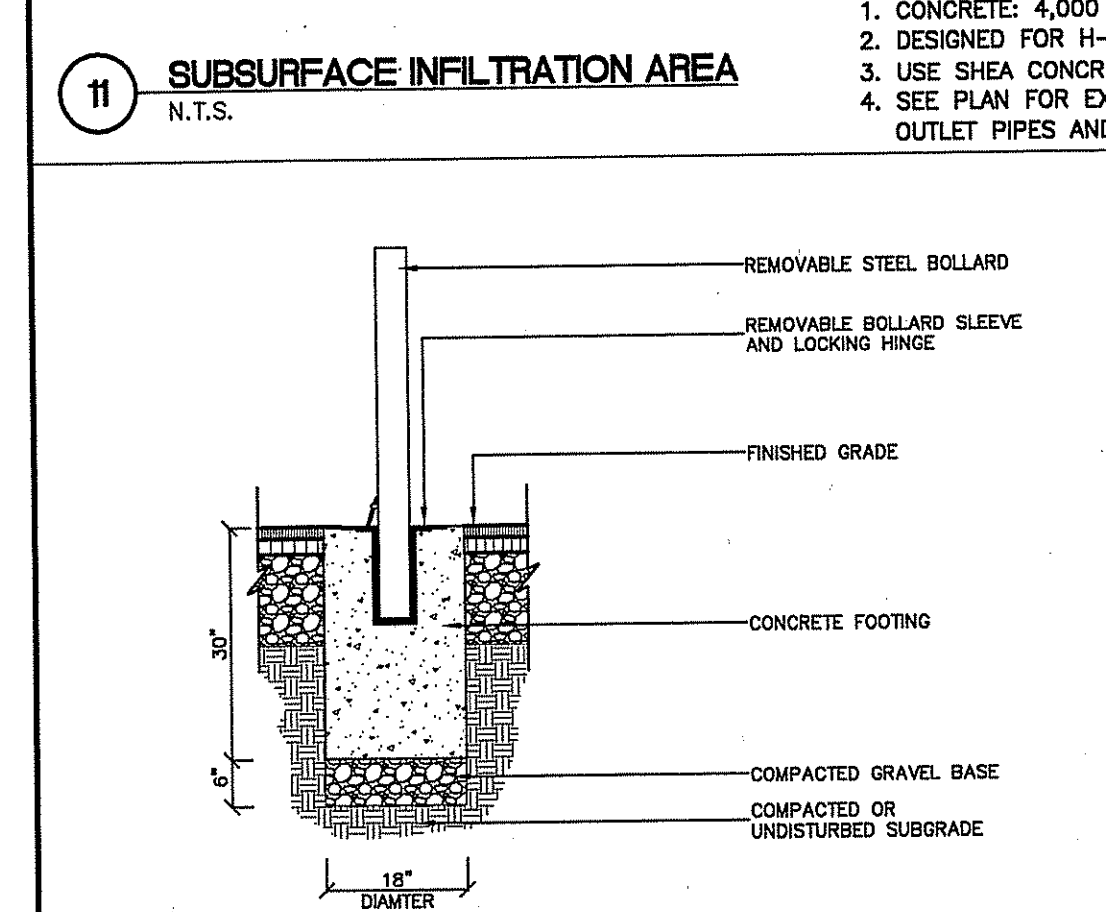
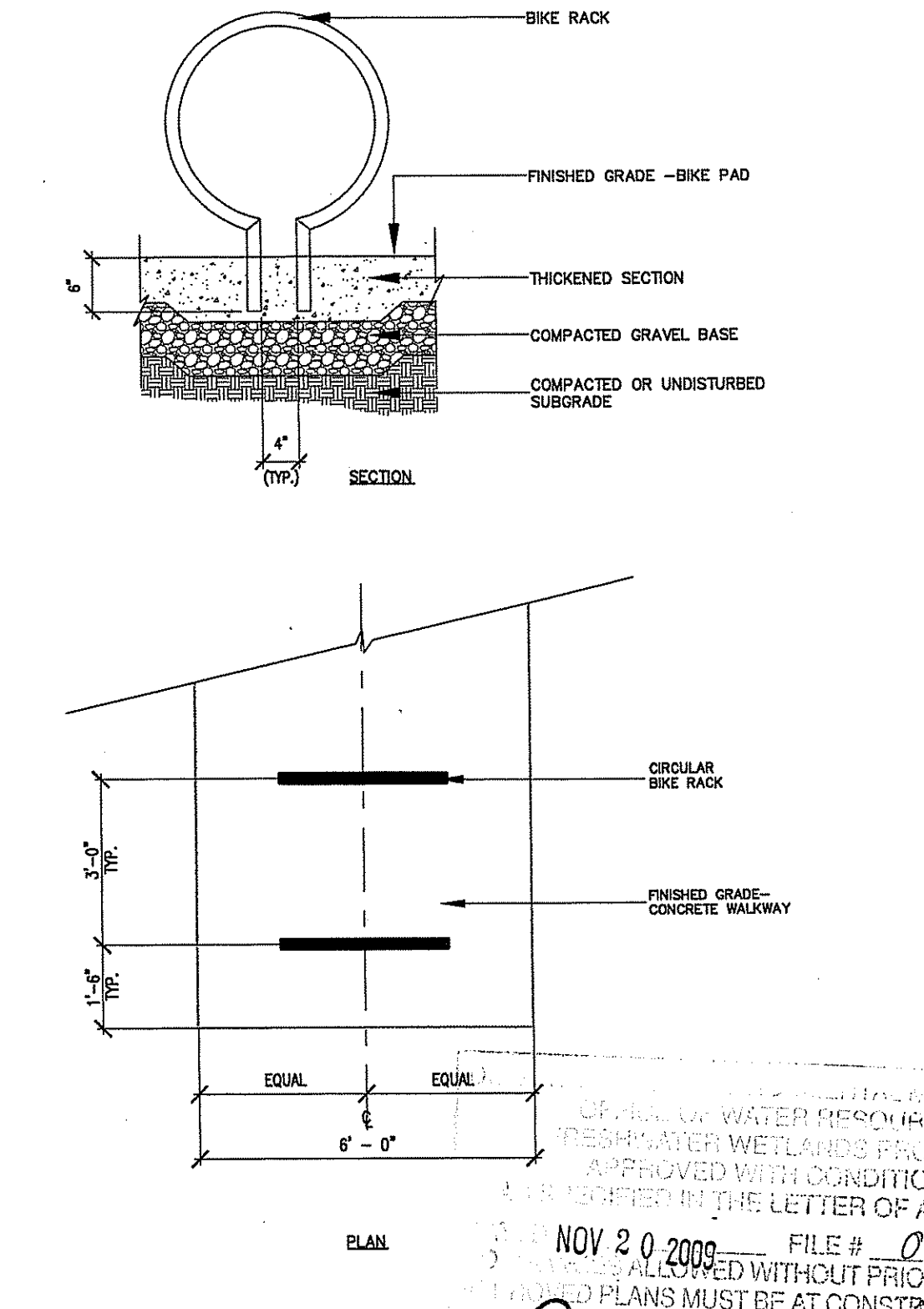
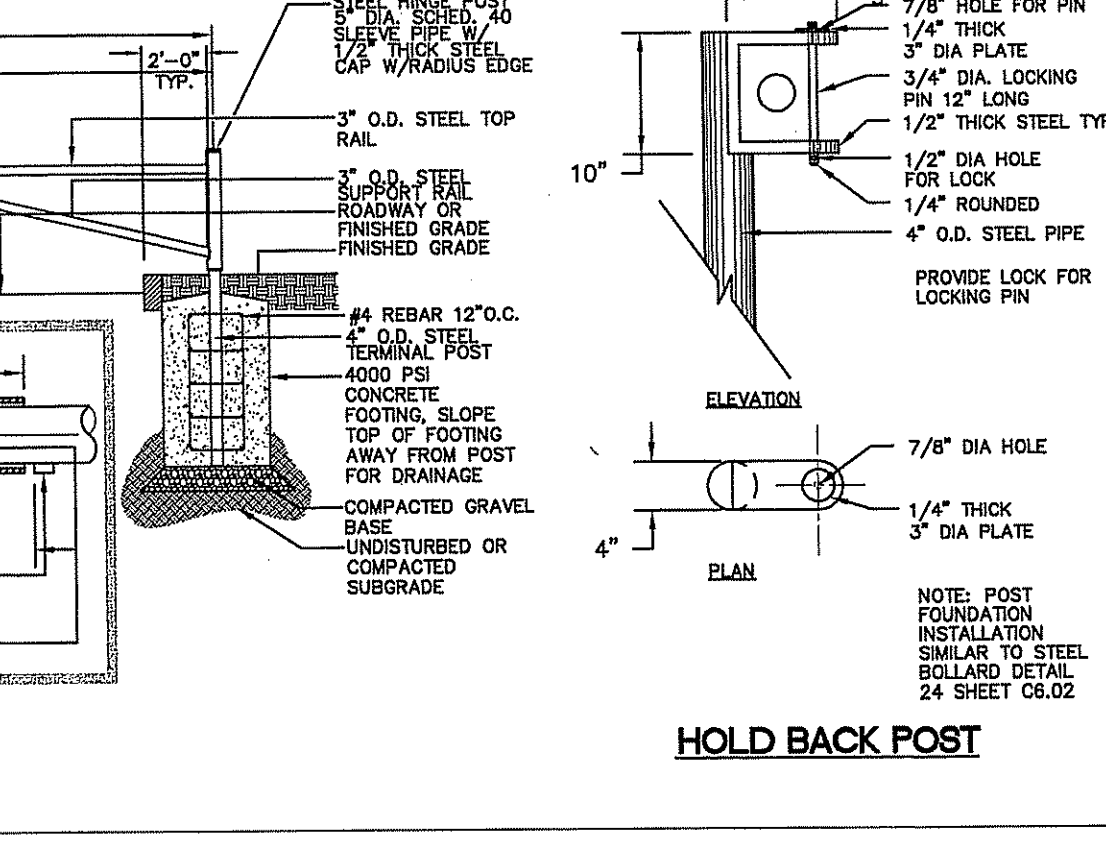
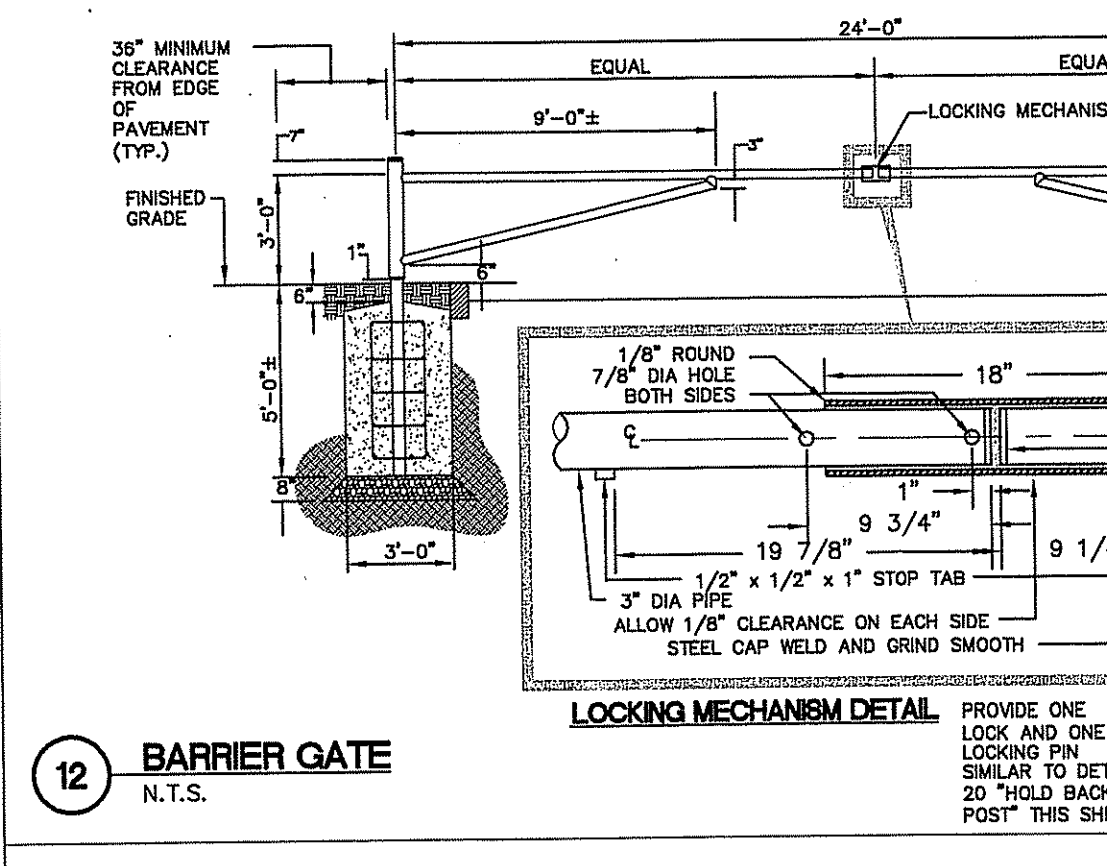
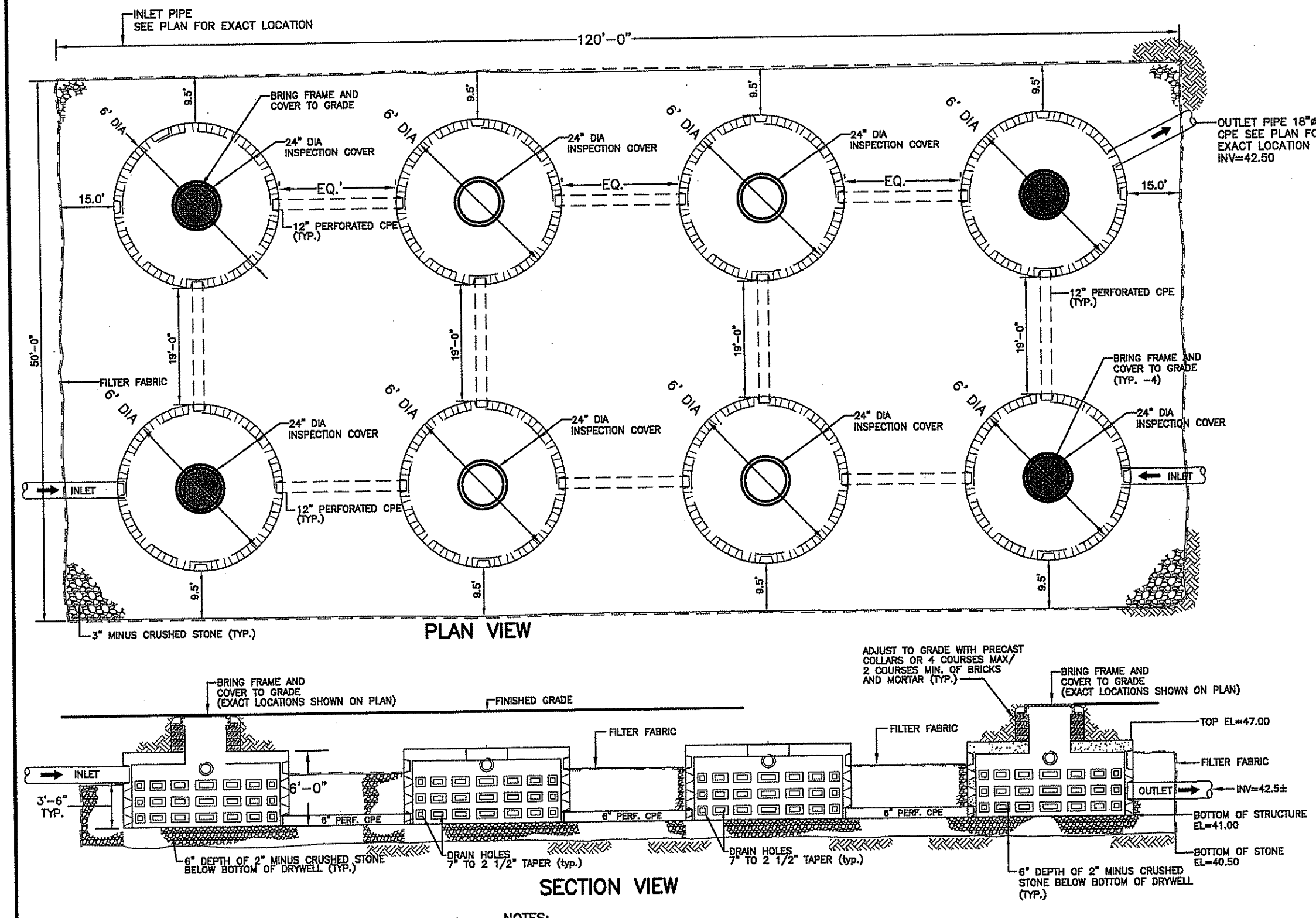
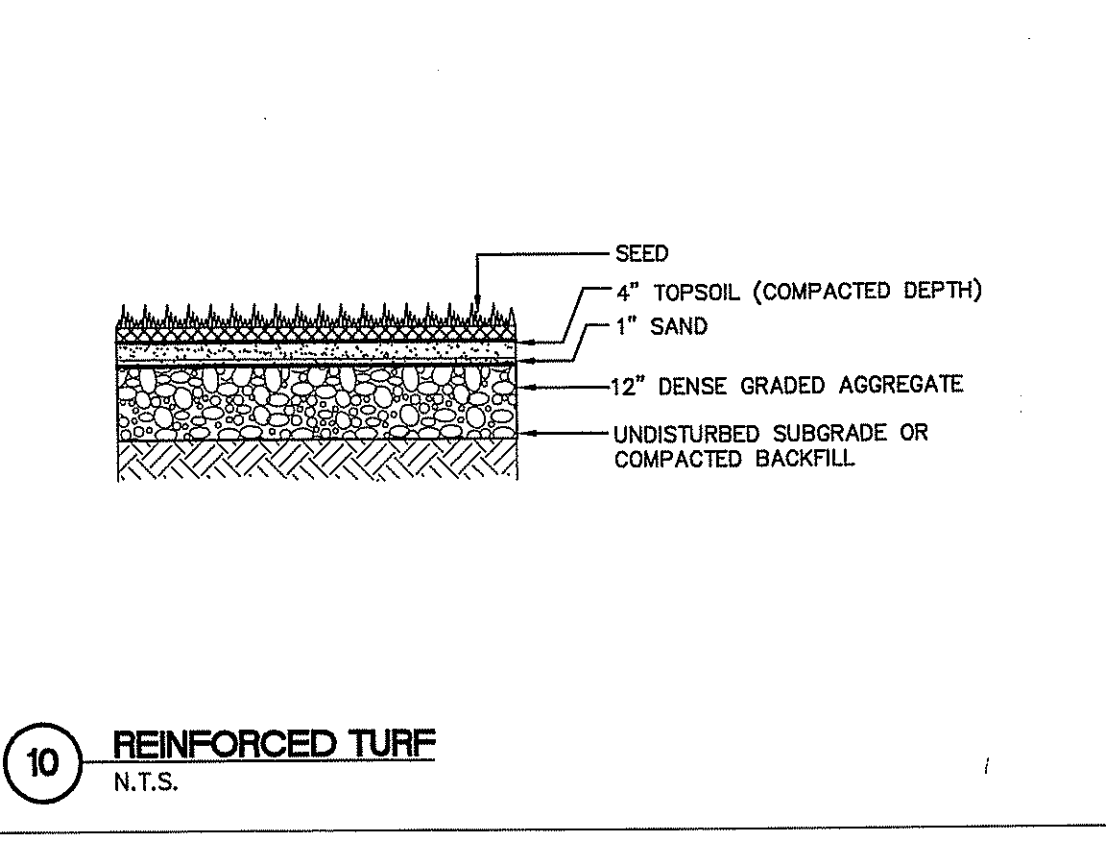
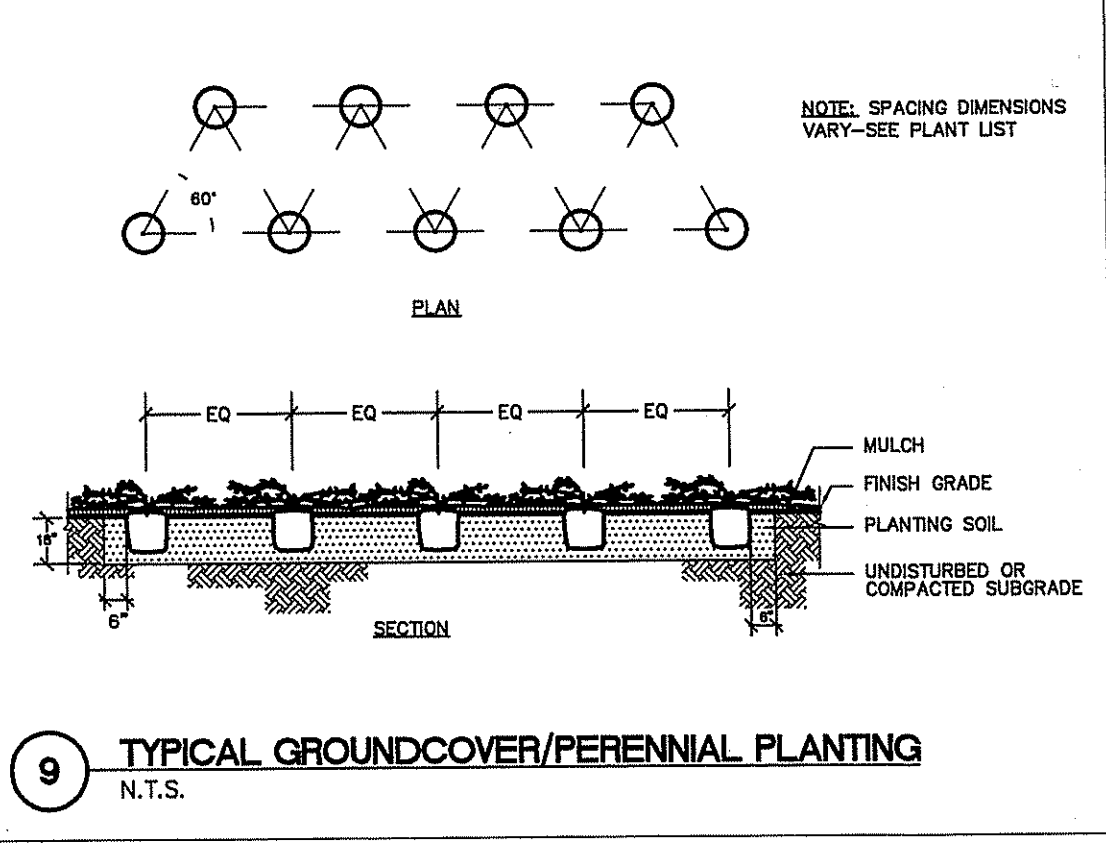
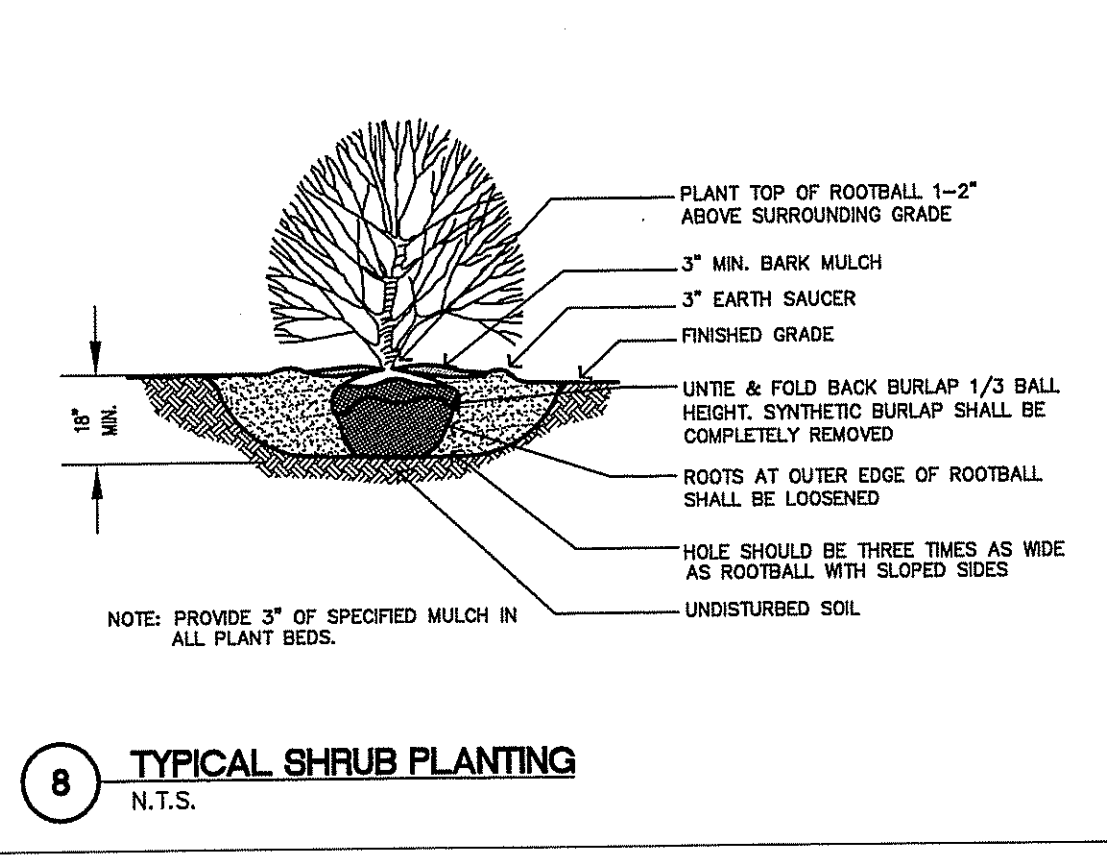
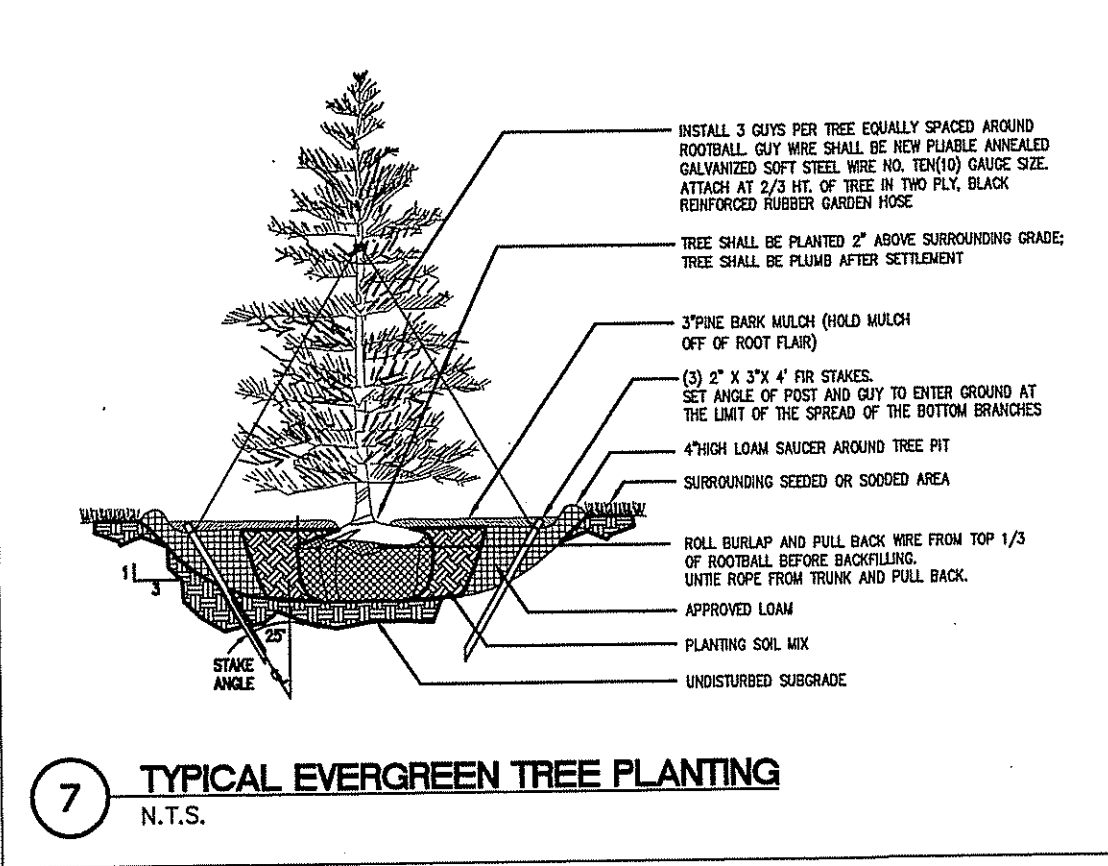
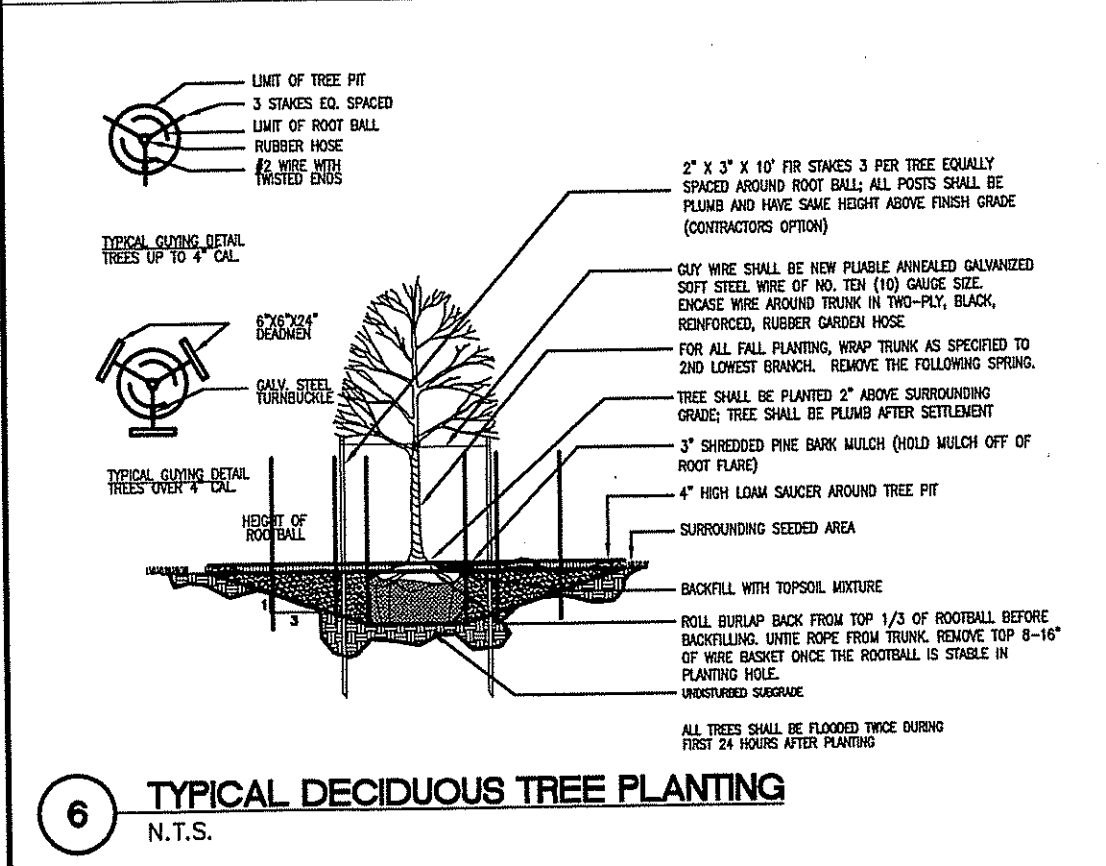
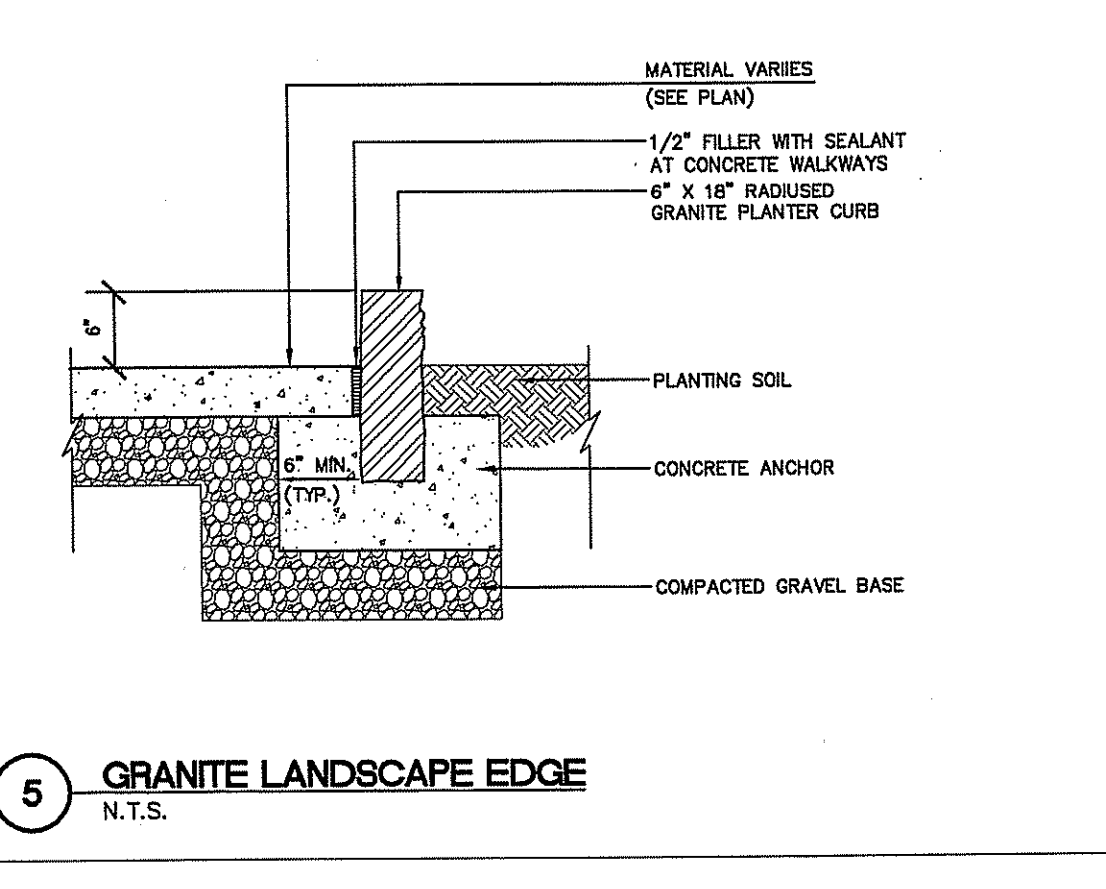
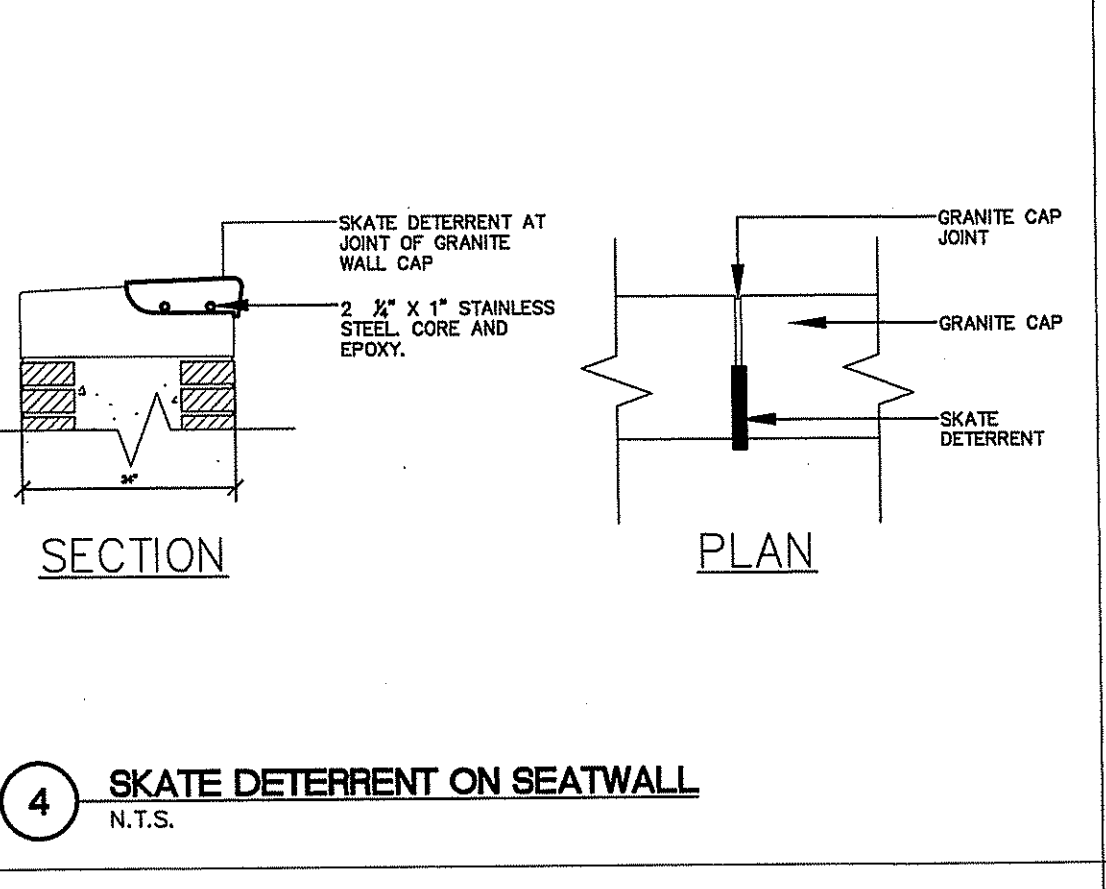
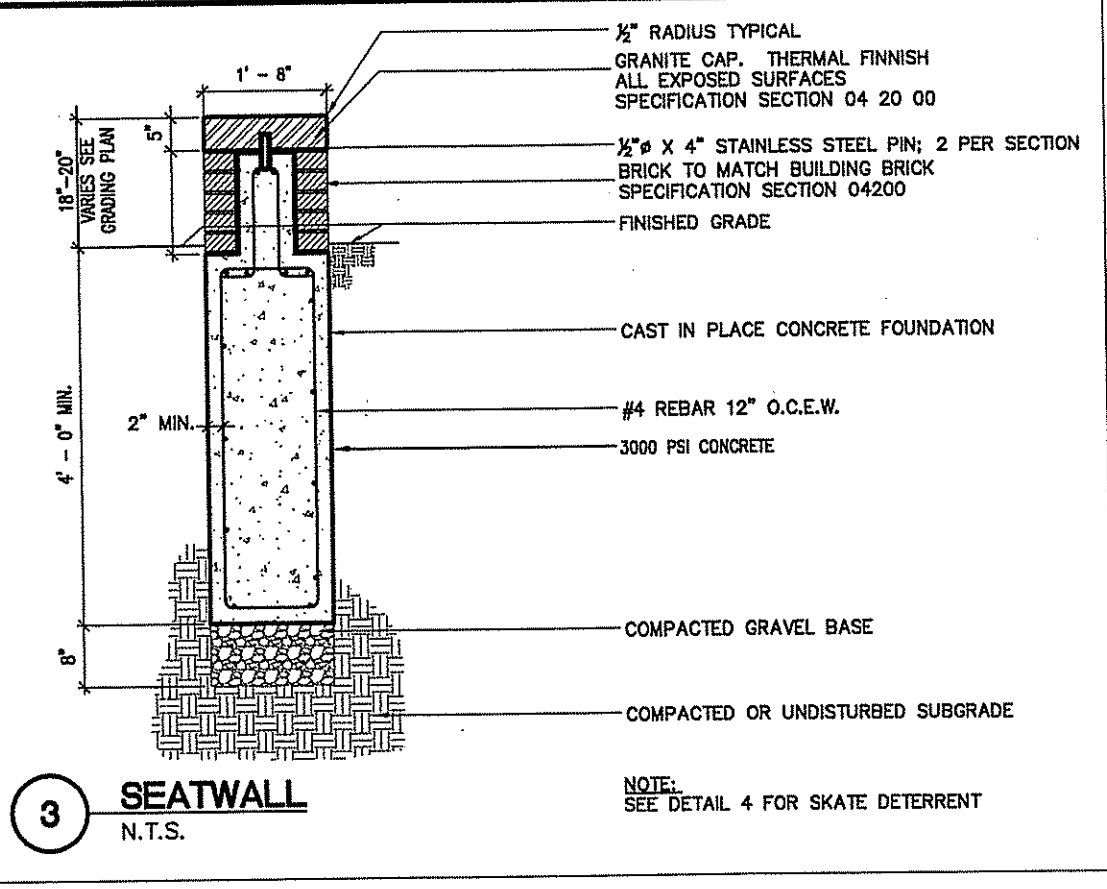
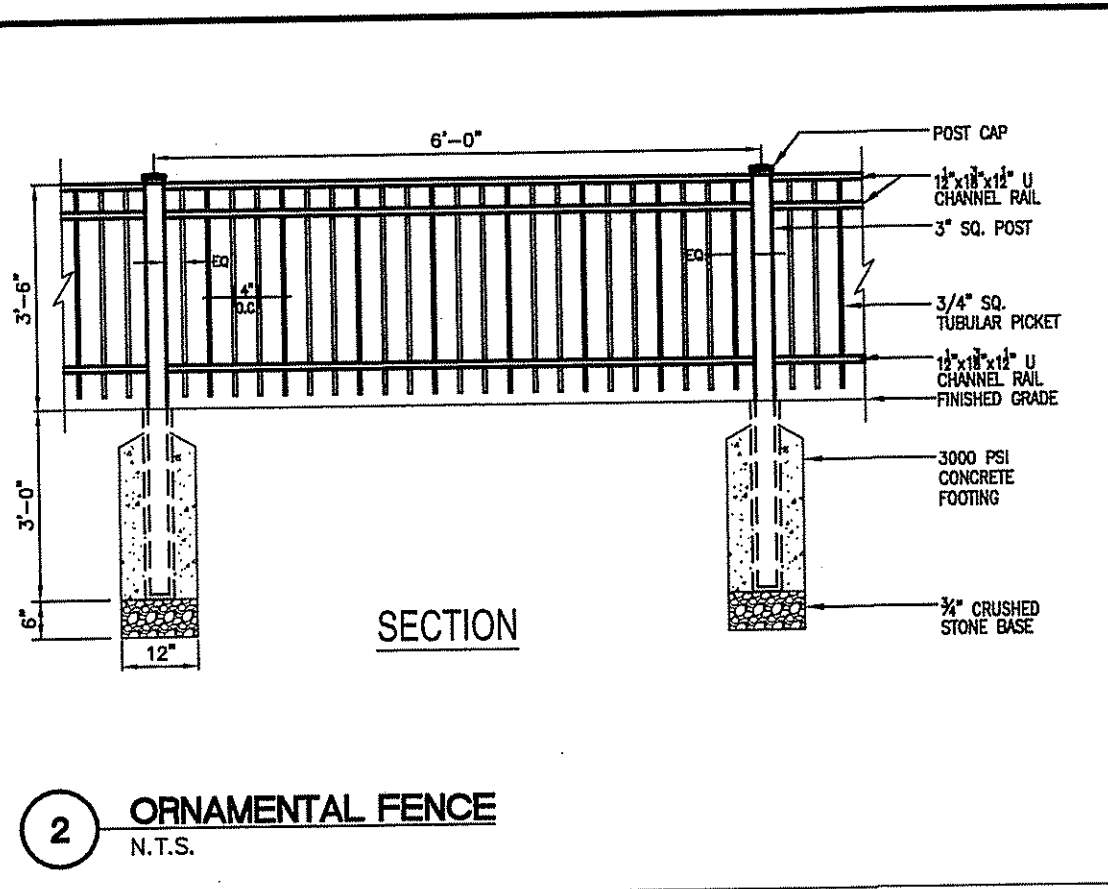
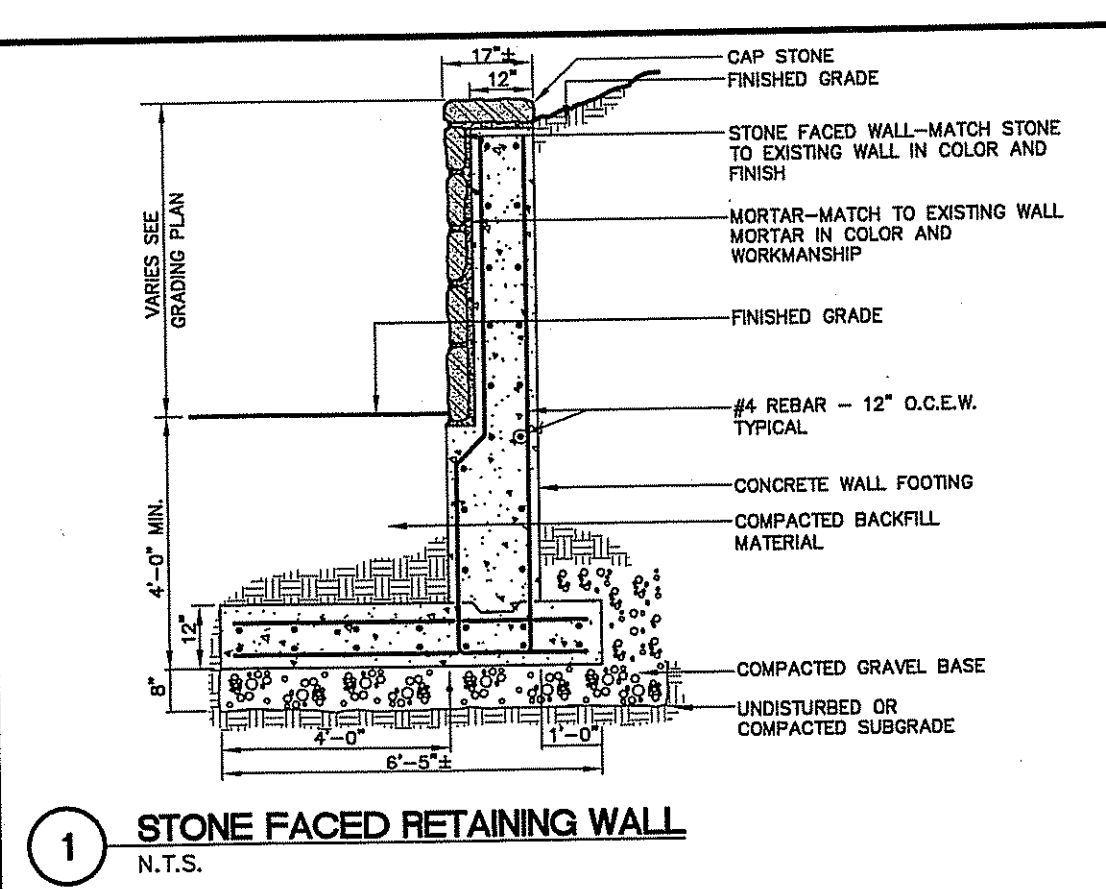
DETAILS II

SCALE	N.T.S.
DRAWN BY	JW
CHECKED BY	
PROJ. ARCH. / ENGR.	JAH
PROJ. MGR.	LB
JOB NO.	07084.03
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C6.02



NOTES:
ACCESSIBLE PARKING SPACES:
1. MAXIMUM SLOPE 2% IN ANY DIRECTION.
2. LOCATE SIGN WITHIN 10' OF ACCESSIBLE SPACE.
3. PROVIDE AN ACCESSIBLE CURB CUT AT EACH ACCESS ASBLE BETWEEN ACCESSIBLE SPACES.
SIDEWALKS AND PLAZAS:
1. SLOPE REQUIREMENTS APPLY TO ALL WALKWAY SURFACES INCLUDING BITUMINOUS AND PORTLAND CEMENT.
2. SLOPE REQUIREMENTS APPLY TO ALL SIDEWALKS AND PLAZAS AND ARE NOT LIMITED TO ACCESSIBLE ROUTES.
3. PROVIDE A 5' LEVEL LANDING AT ALL BUILDING DOORWAYS.
4. IN THE EVENT OF DISCREPANCY BETWEEN THE MAXIMUM ACCESSIBLE CROSS SLOPE OR RUNNING SLOPE PER THE DETAILS AND THE GRADING SHOWN ON THE DRAWINGS, NOTIFY THE ARCHITECT PRIOR TO CONSTRUCTING THE PAVEMENT.
CURB CUTS:
1. PROVIDE FLUSH TRANSITION FROM CURB CUTS TO ADJACENT WALKS AND STREETS, FREE OF CHANGES IN LEVEL GREATER THAN 1/2-INCH.
2. THE SLOPE OF THE LEVEL LANDING AT THE TOP OF THE CURB CUT SHALL NOT EXCEED 2% IN ANY DIRECTION.
3. PROVIDE DETECTABLE WARNING ALONG THE FULL DEPTH AND WIDTH OF THE CURB RAMP.



OWNER REVIEW

NAME	DATE

RECEIVED
SEP 30 2009

NO.	DATE	DESCRIPTION
09.08.09	CONSTRUCTION DOCUMENTS	
07.24.09	PERMIT SET	

ISSUE LOG
△ = CLOUDED CHANGE

EAST GREENWICH MIDDLE SCHOOL
100 CEDAR AVENUE
EAST GREENWICH, RI 02818

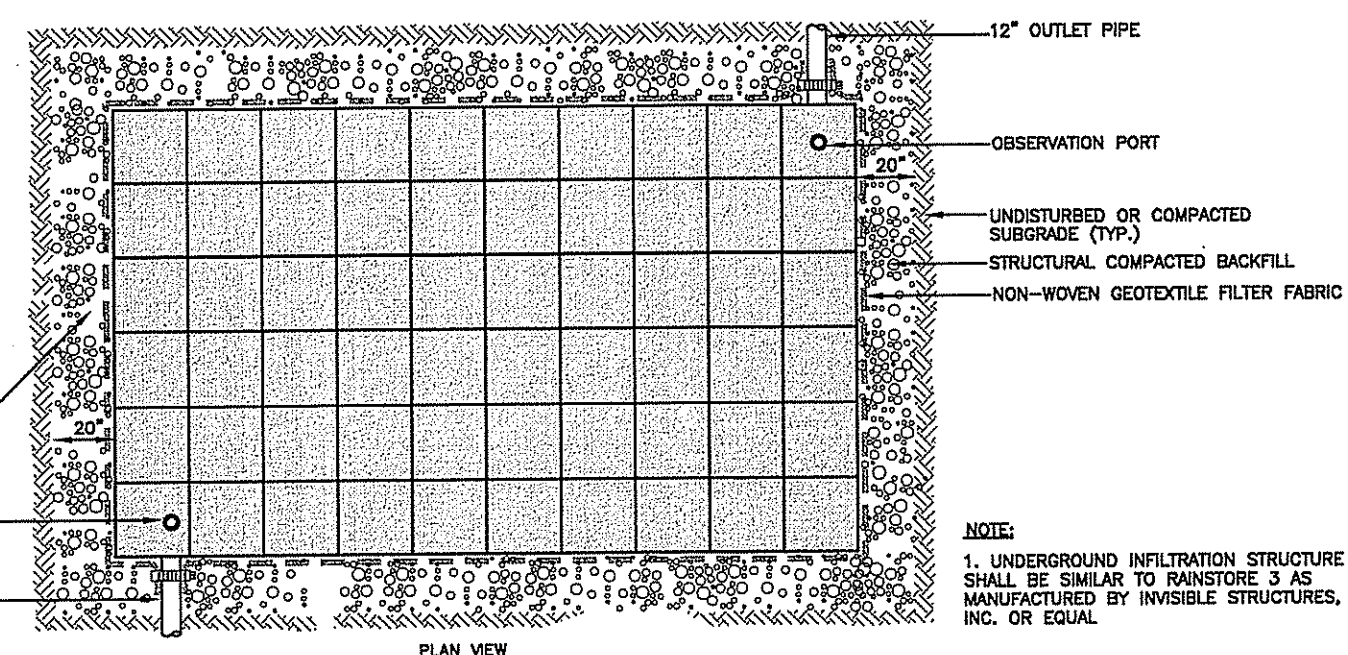
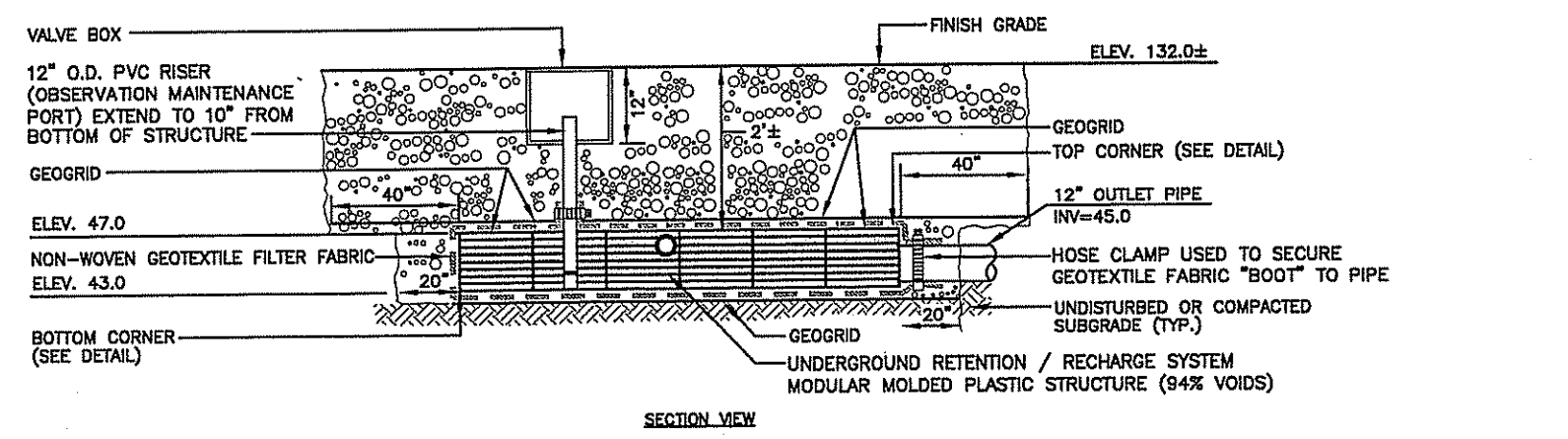
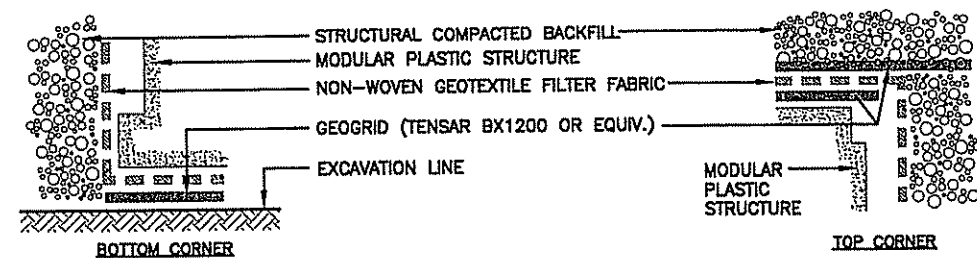
JENNIFER A. HOWE
No. 9060
REGISTERED PROFESSIONAL ENGINEER (CIVIL)

NOV 20 2009 FILE # 09-0251

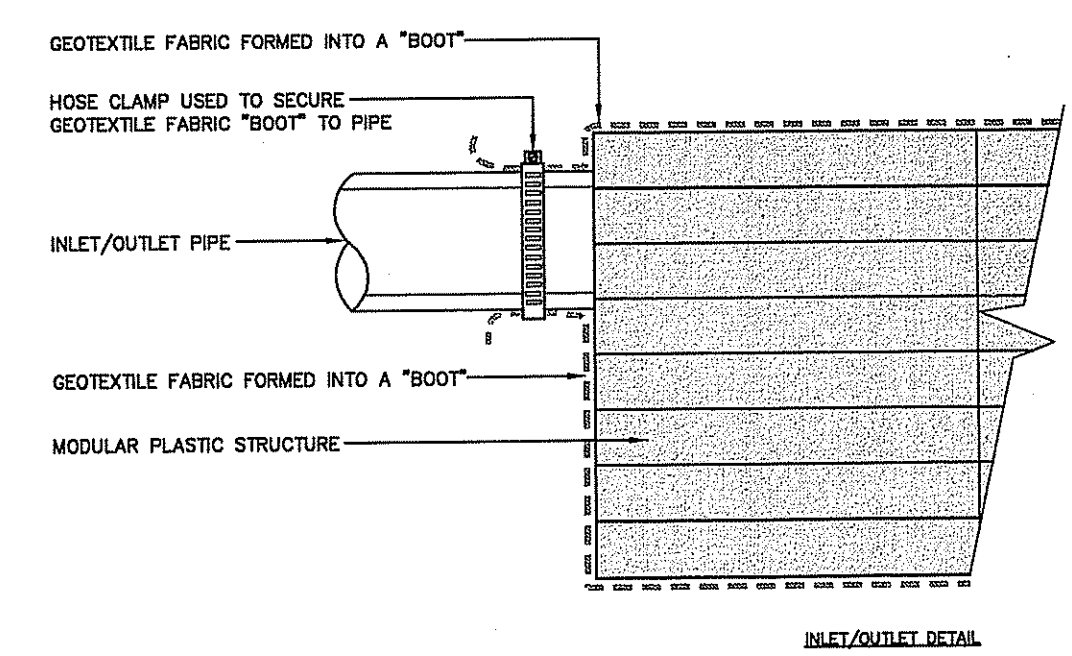
DETAILS III

SCALE: N.T.S.
DRAWN BY: JW
CHECKED BY: JAH
PROJ. ARCH./ENGR: JAH
PROJ. MGR: LBF
JOB NO.: 07084.03
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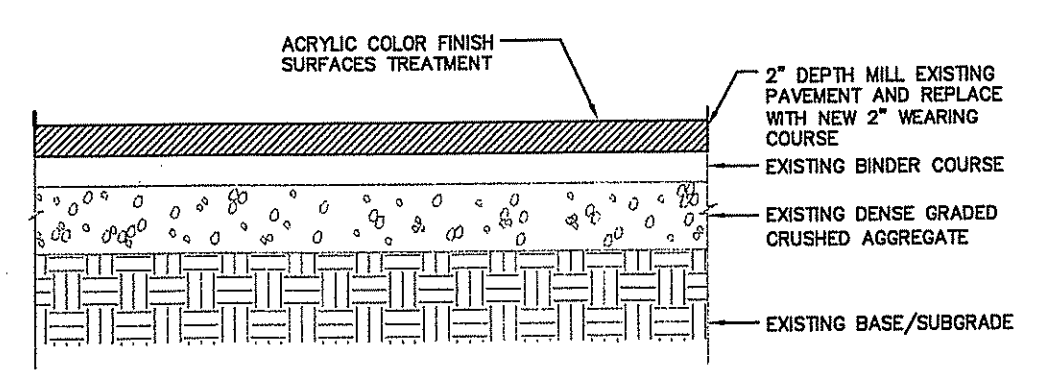
C6.03



1 MODULAR MOLDED PLASTIC INFILTRATION AREA
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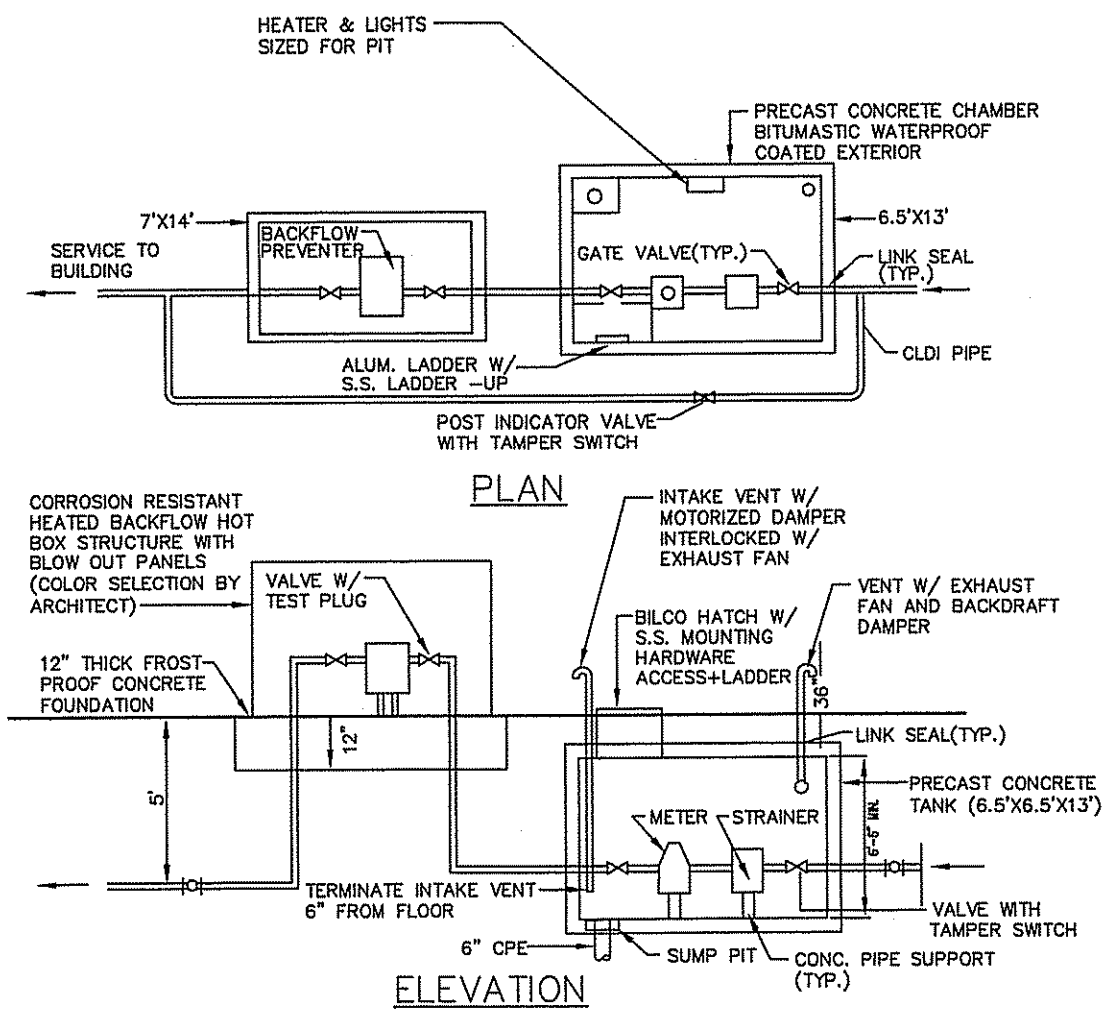
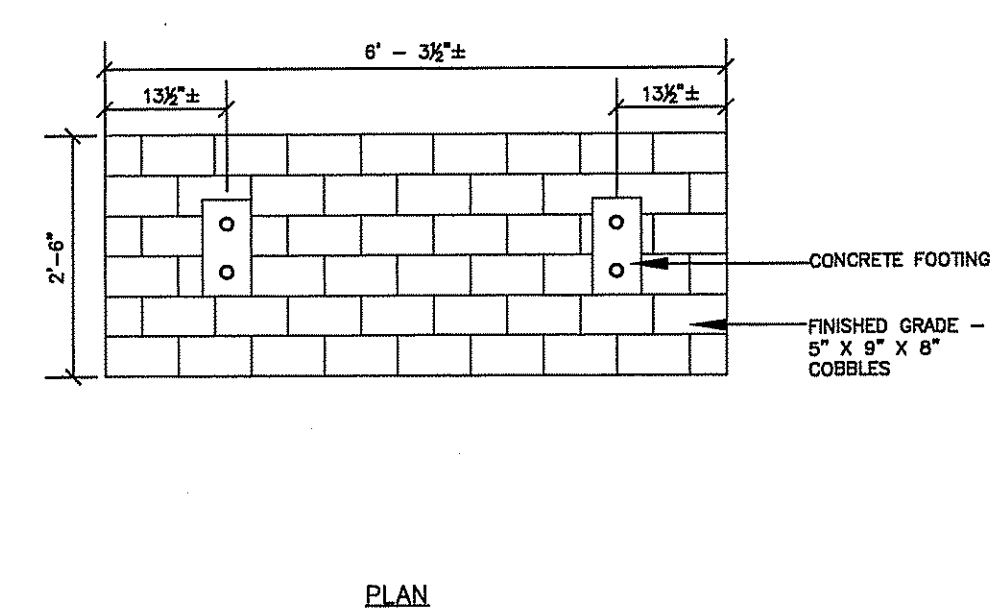
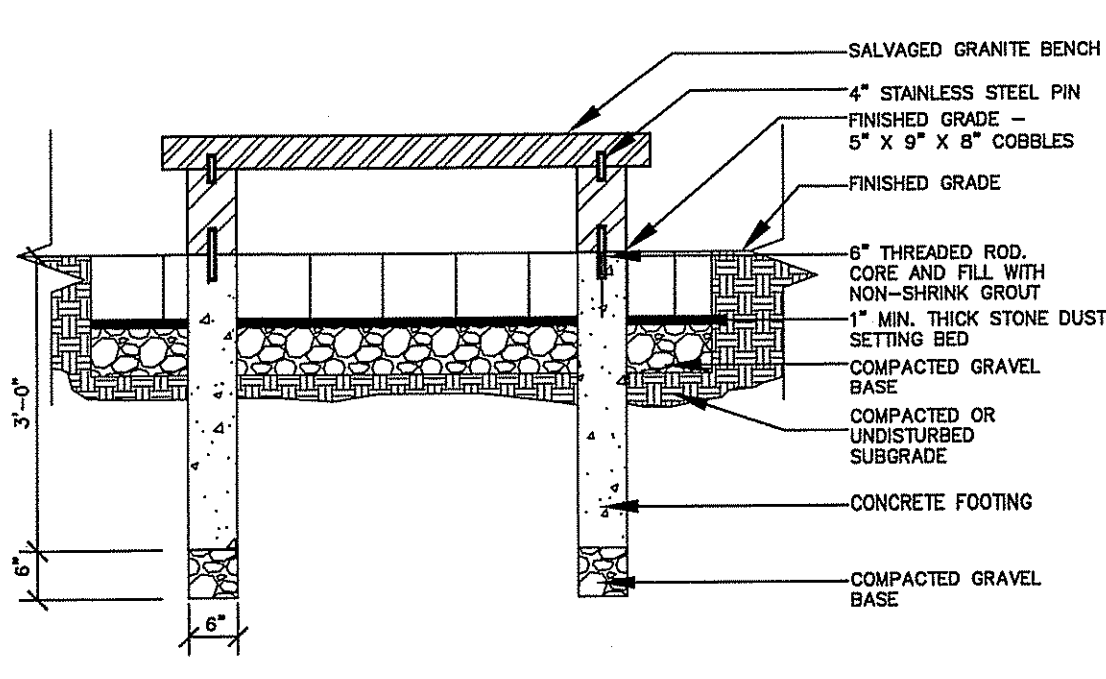


6 BASKETBALL AND TENNIS COURT RESURFACING PAVEMENT
N.T.S.



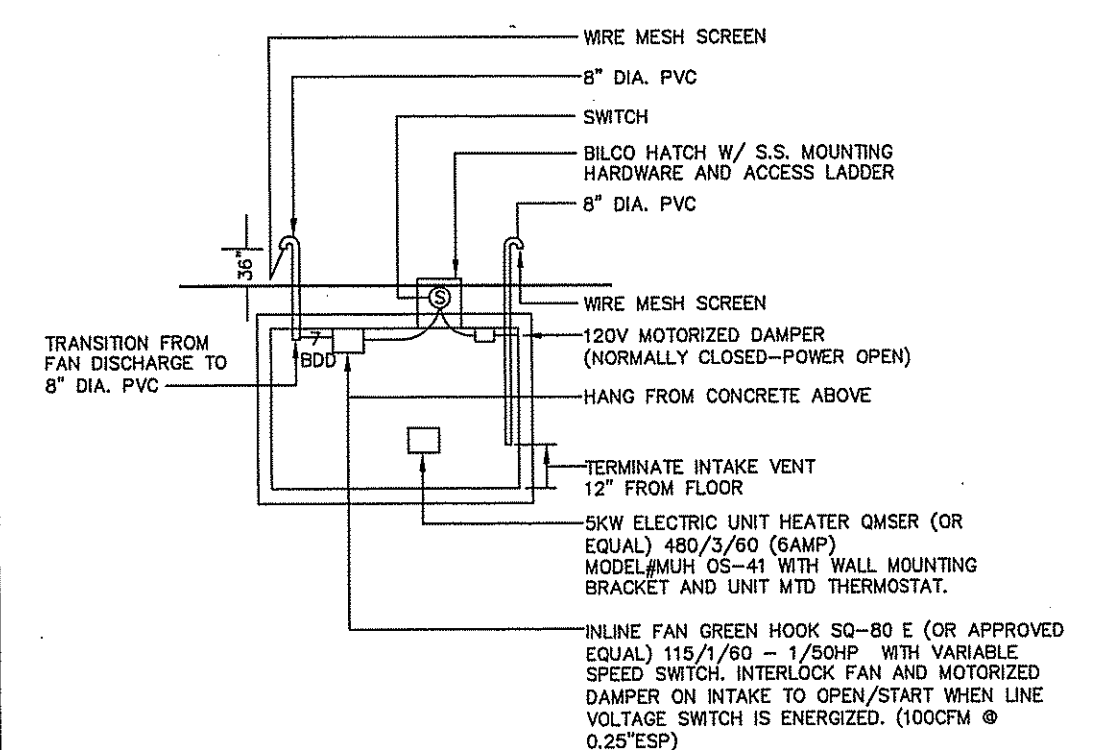
7 NOT USED
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9 GRANITE BENCH
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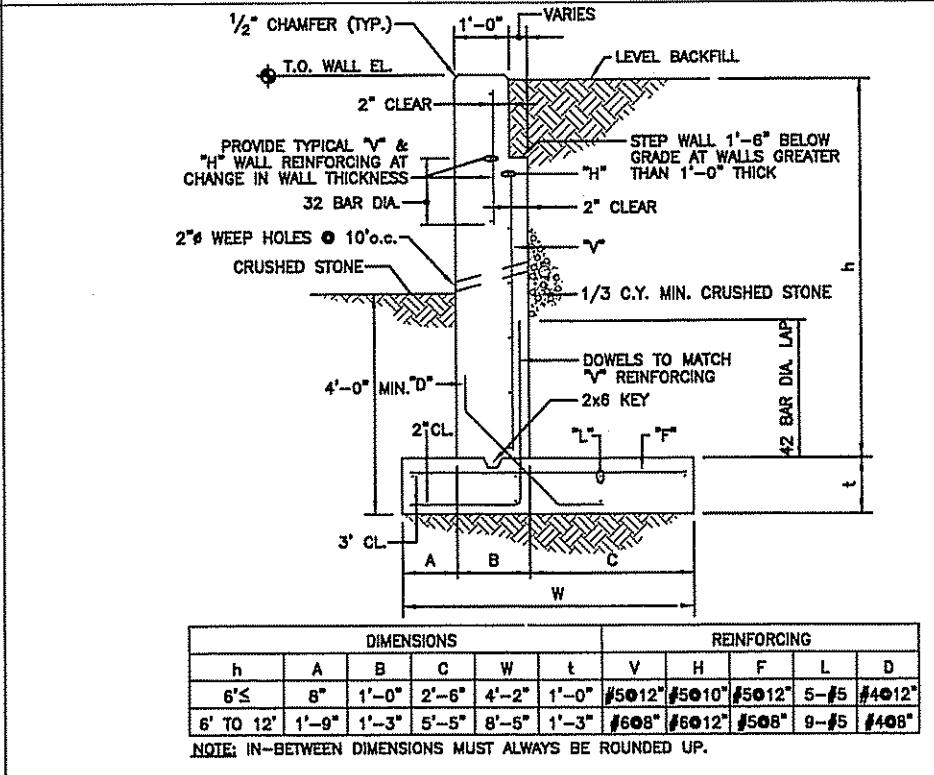


- NOTES:**
- 1) ALL EXTERIOR PIPING, VALVES AND FITTINGS JOINTS TO HAVE RESTRAINTED JOINTS.
 - 2) SUMP PUMP DISCHARGE PIPING TO HAVE 2 CHECK VALVES AND SHUT OFF VALVE.
 - 3) PROVIDE LIGHTING, HEATER WITH THERMOSTAT AND POWER VENTILATION SYSTEM. SWITCH FOR LIGHTS AND VENTILATION TO BE MOUNTED AT OPENING.
 - 4) INTERIOR PIPING AND VALVE JOINTS TO BE FLANGED.
 - 5) PIT MUST HAVE POSITIVE DRAINAGE SUFFICIENT FOR RP2 FLOW OR RP2 MUST BE LOCATED IN AN ABOVE GROUND ENCLOSURE.
 - 6) SLOPE FLOOR TO SUMP PIT.
 - 7) METER AND BACKFLOW PREVENTERS TO BE PROPERLY SUPPORTED ABOVE FLOOR.
 - 8) GOOSENECK VENT PIPE AT EACH END OF CHAMBER, SIZE TO MEET OSHA REQUIREMENTS W/S/S NON-REMOVABLE INSECT SCREEN AND VERMIN SCREEN.
 - 9) STRUCTURE ADEQUATE FOR H-20 LOADING
 - 10) CONCRETE: 5000 PSI @ 28 DAYS

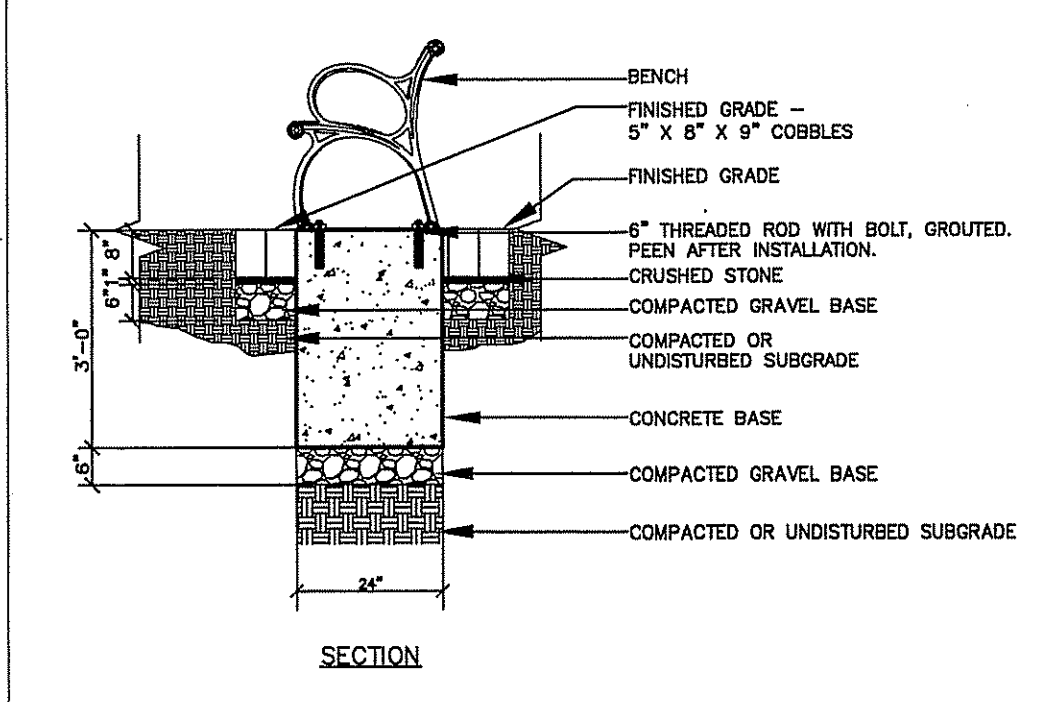
2 WATER METER PIT AND BACKFLOW PREVENTER CHAMBER
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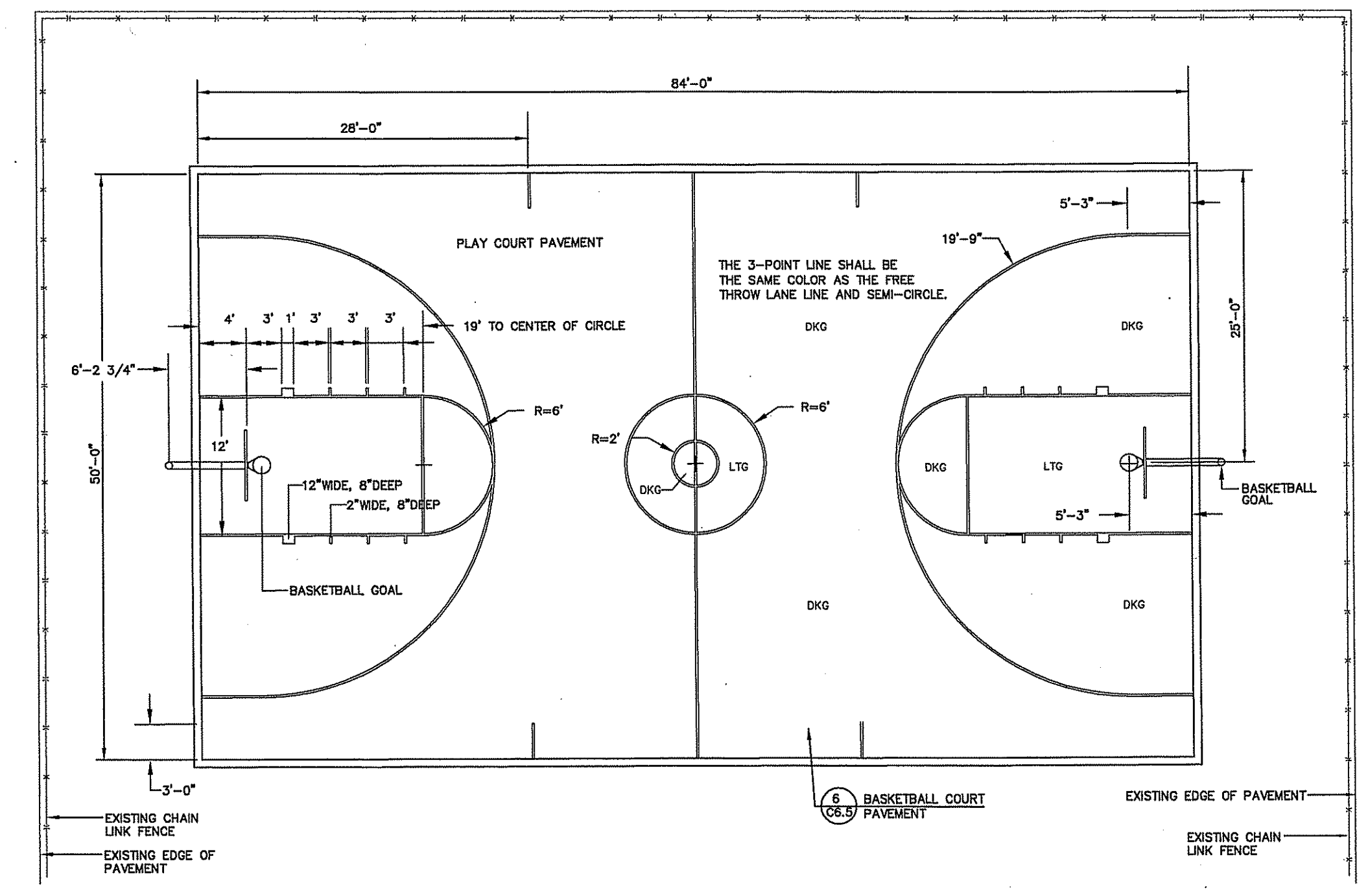
3 WATER METER PIT HEATING AND VENTILATION
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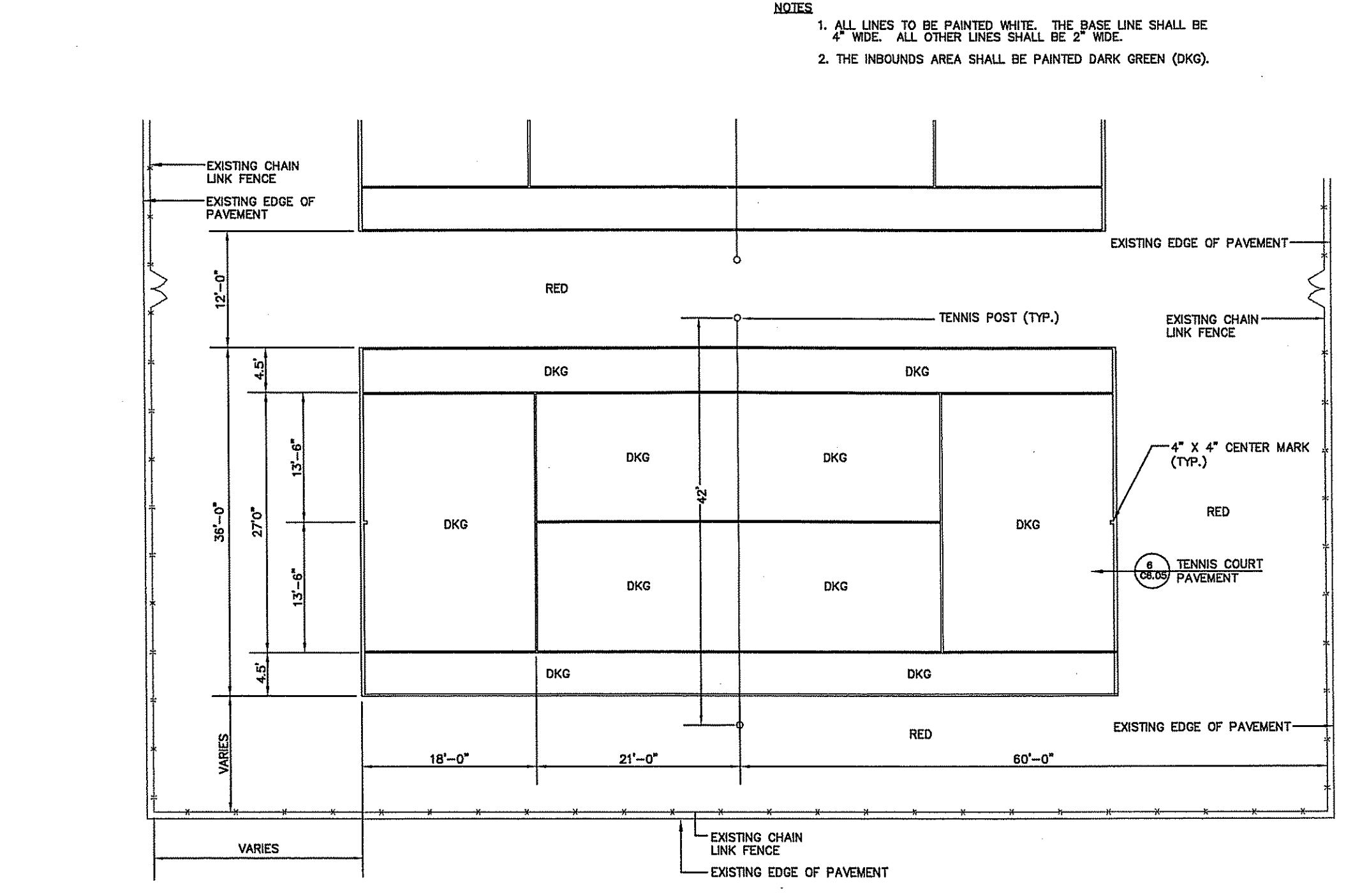
8 CONCRETE RETAINING WALL
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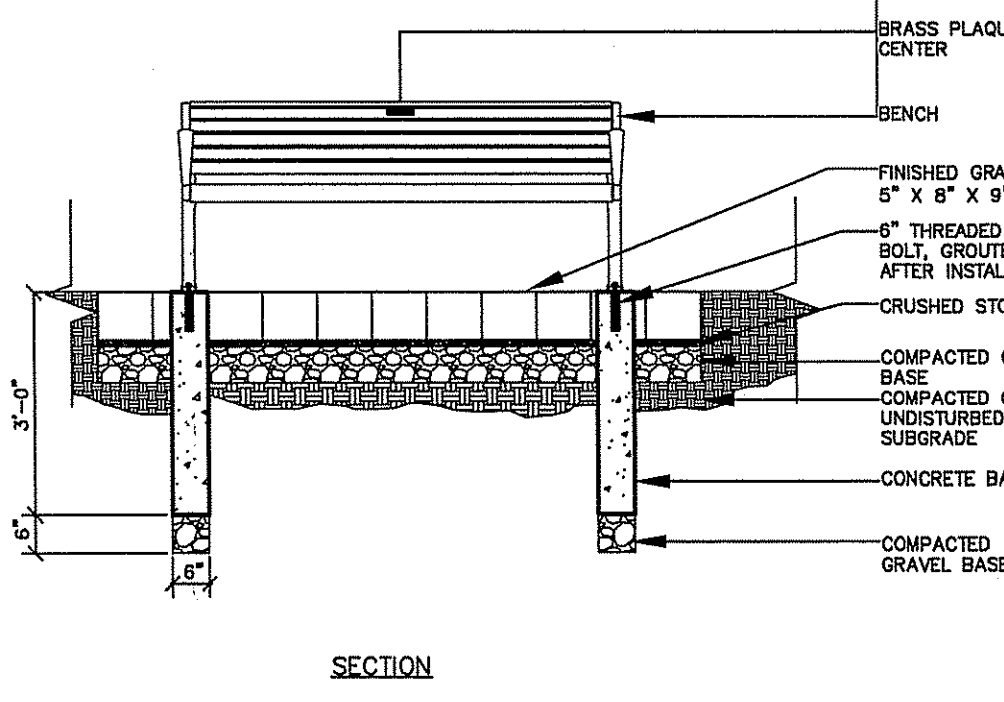
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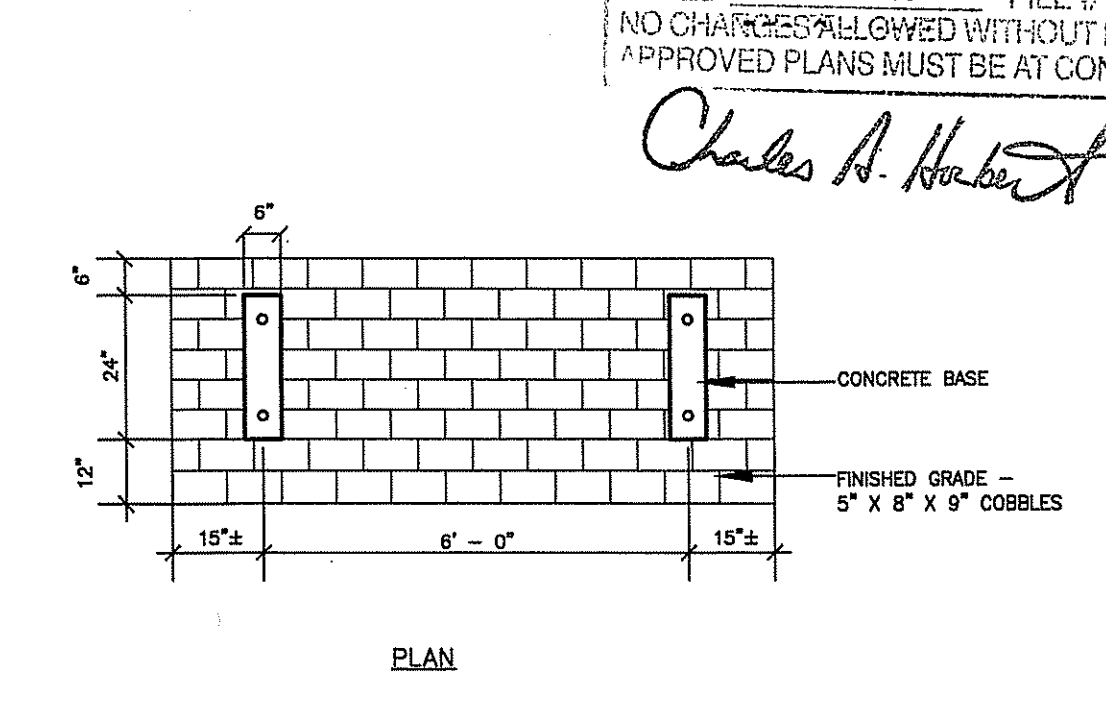
4 BASKETBALL COURT LAYOUT
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5 TENNIS COURT LAYOUT
N.T.S.

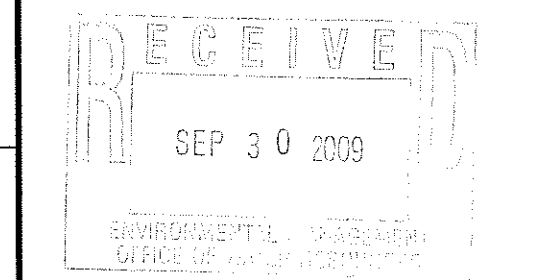


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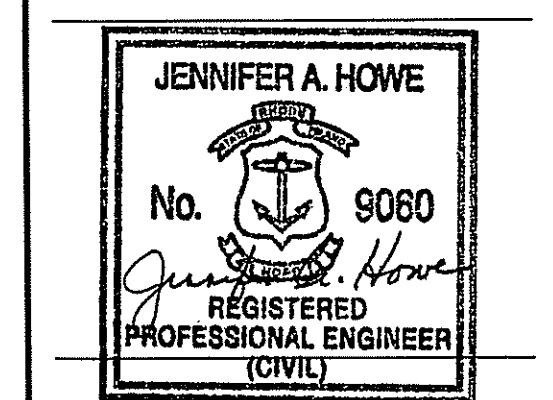
10 BENCH
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OWNER REVIEW
NAME _____ DATE _____



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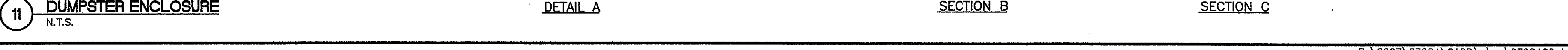
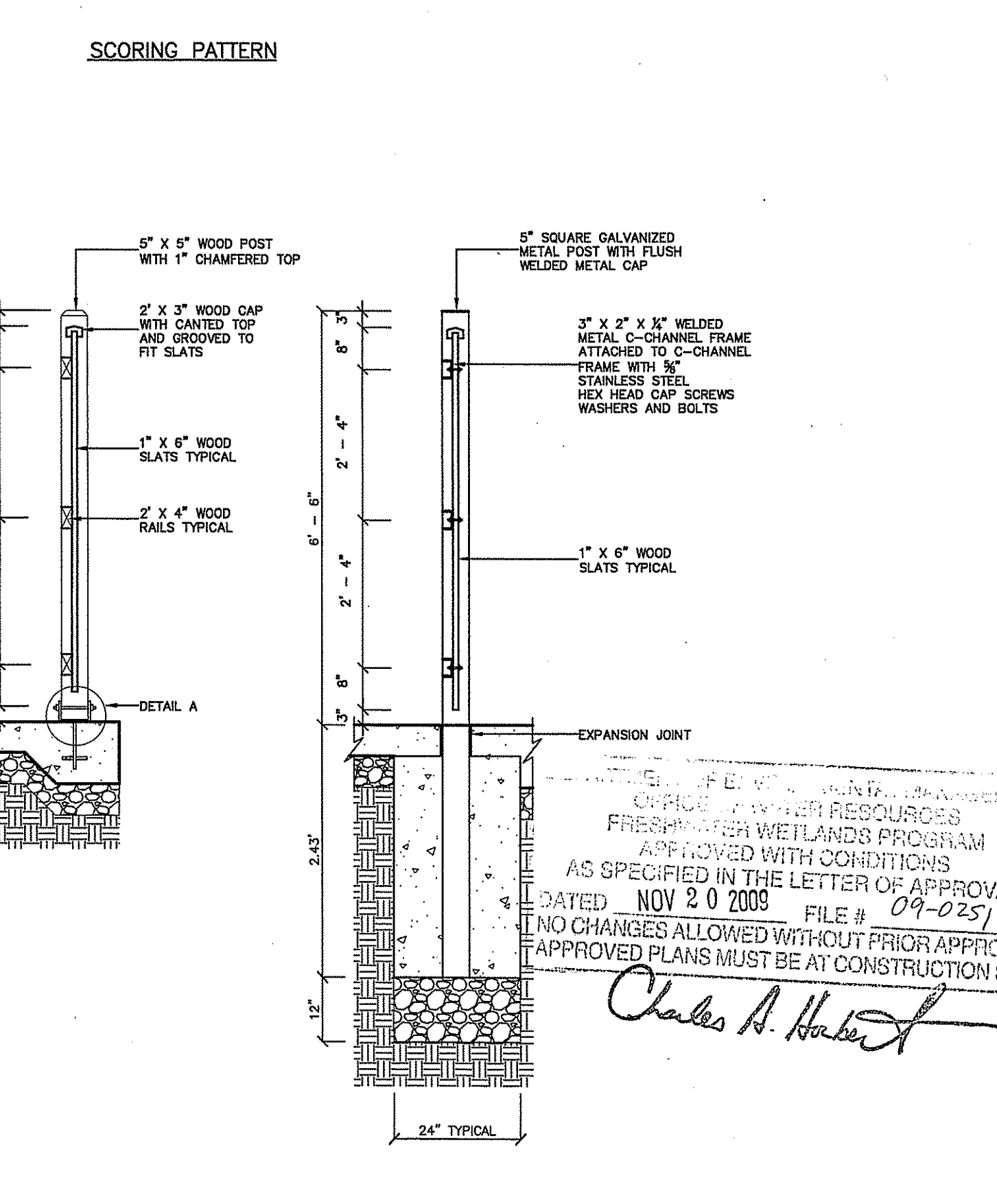
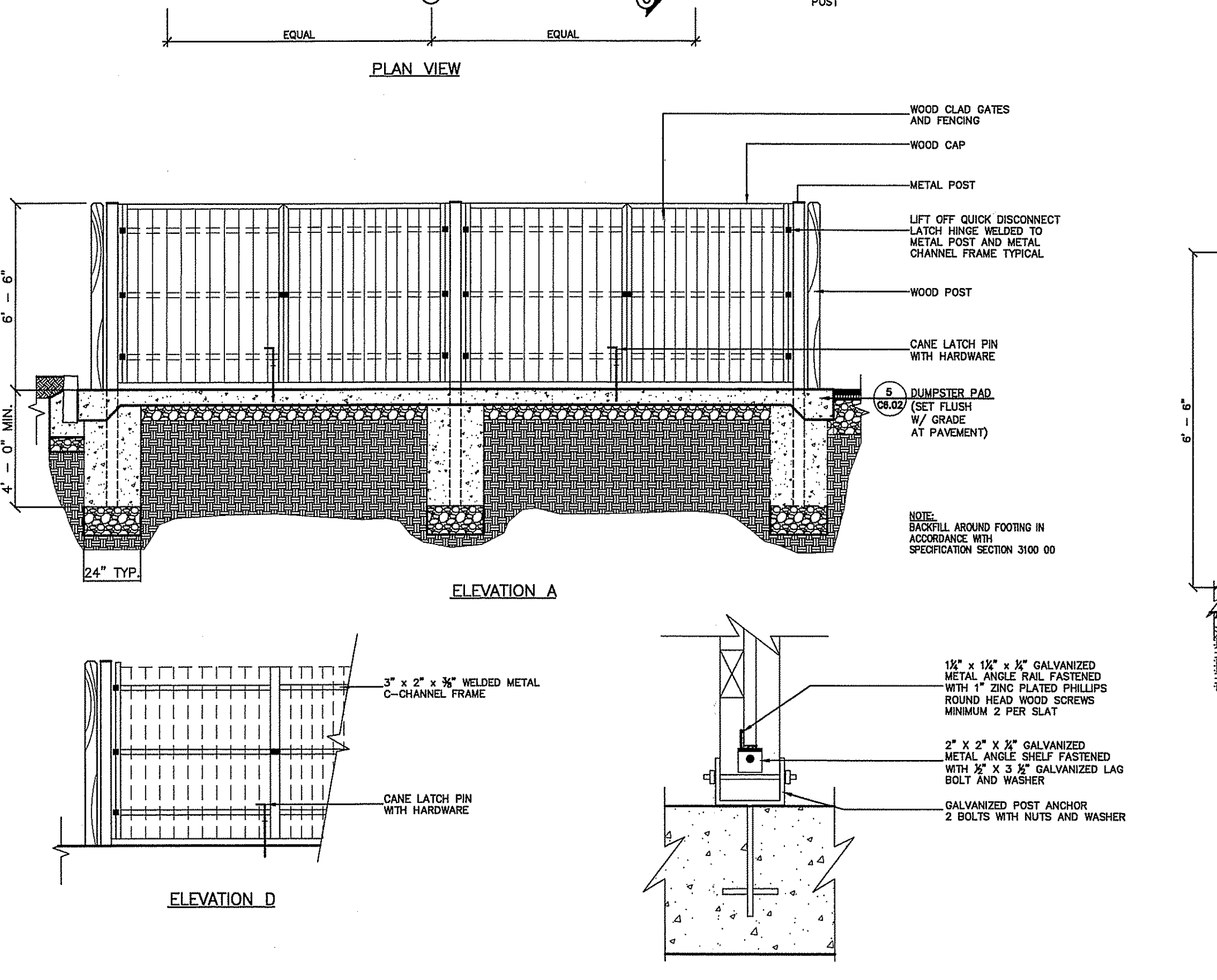
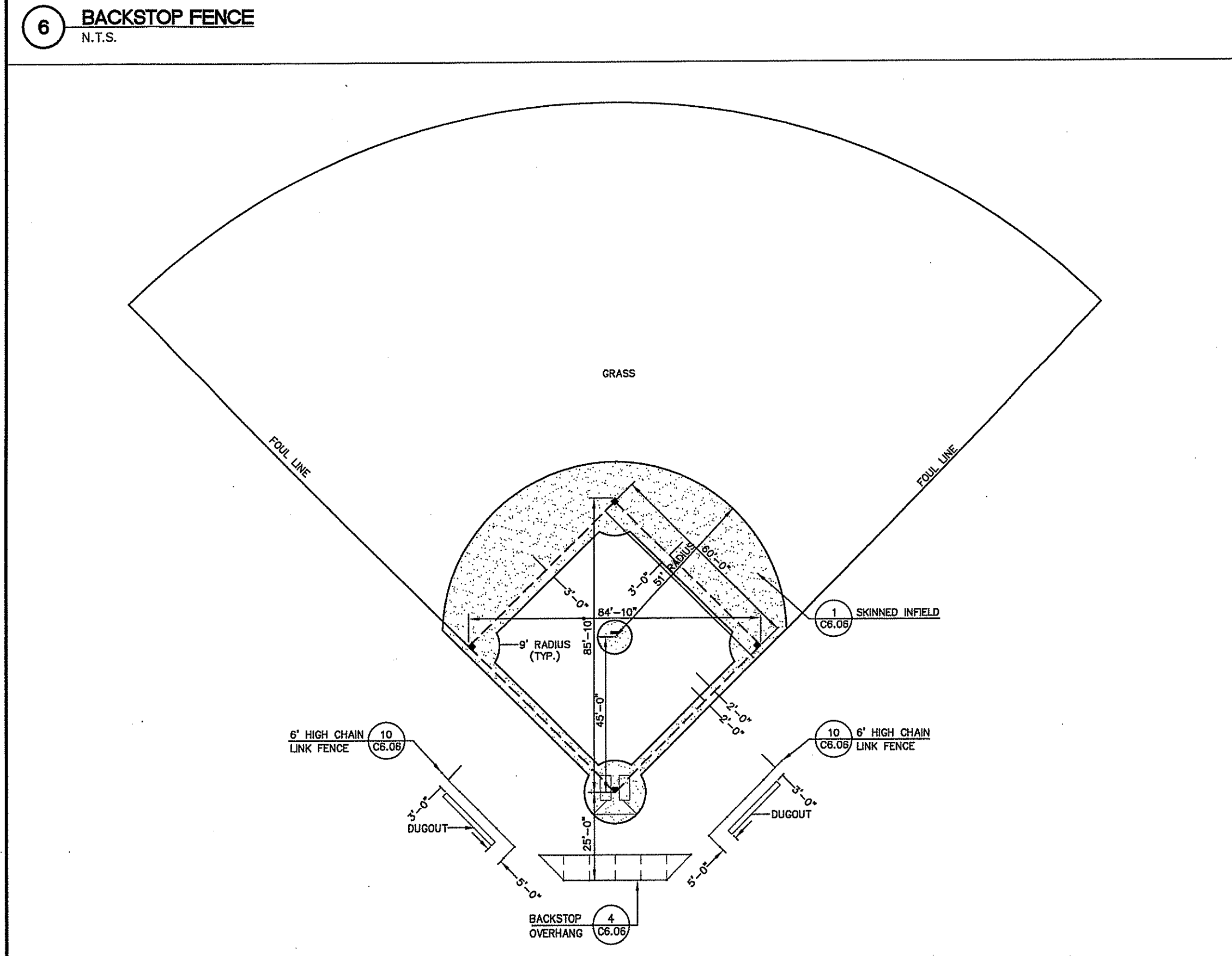
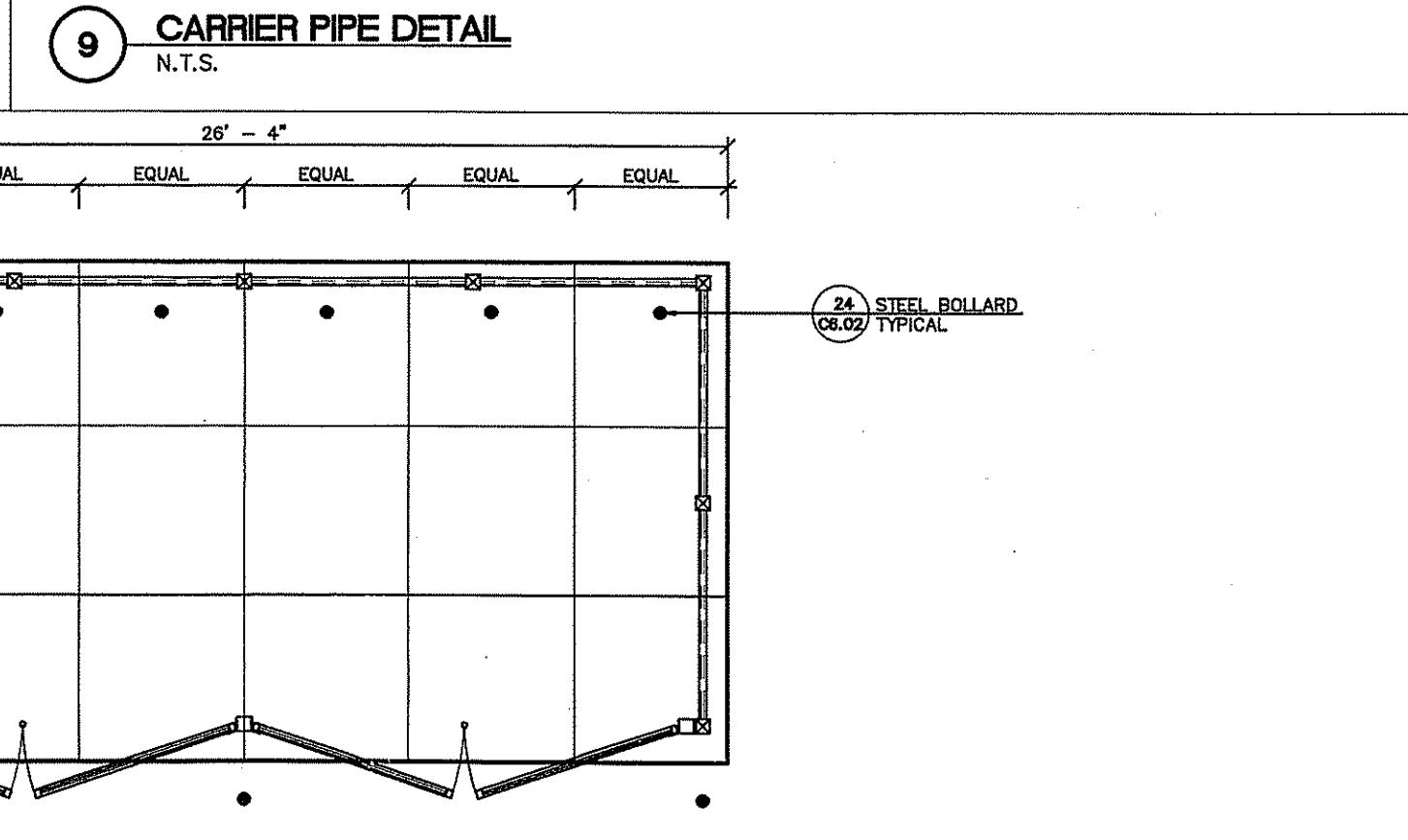
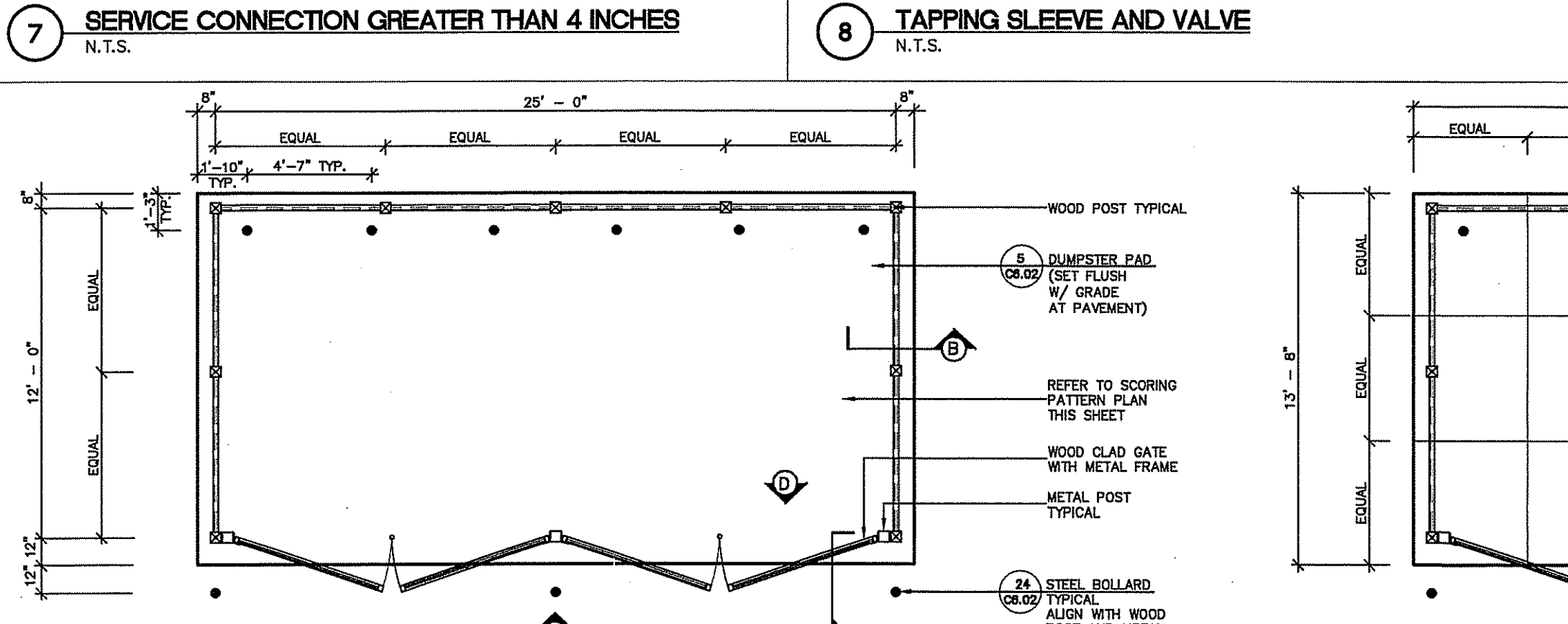
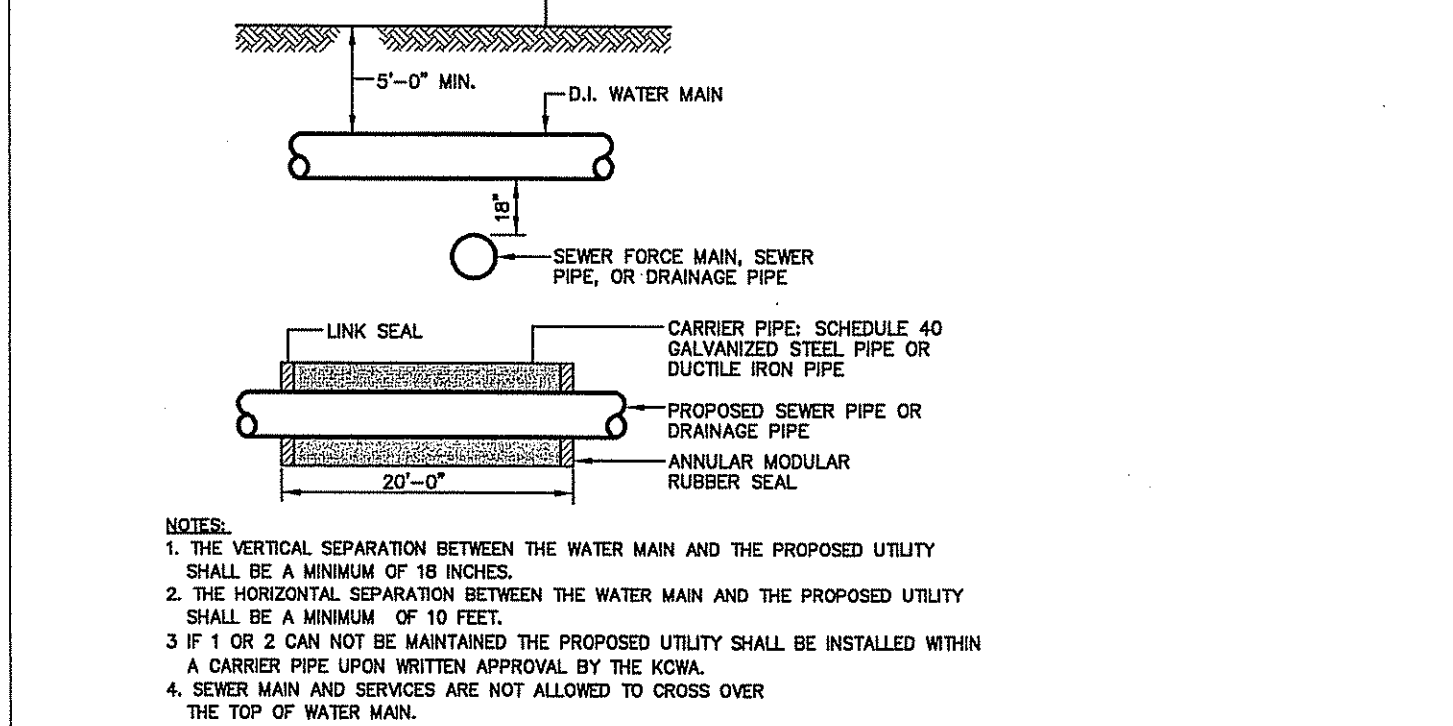
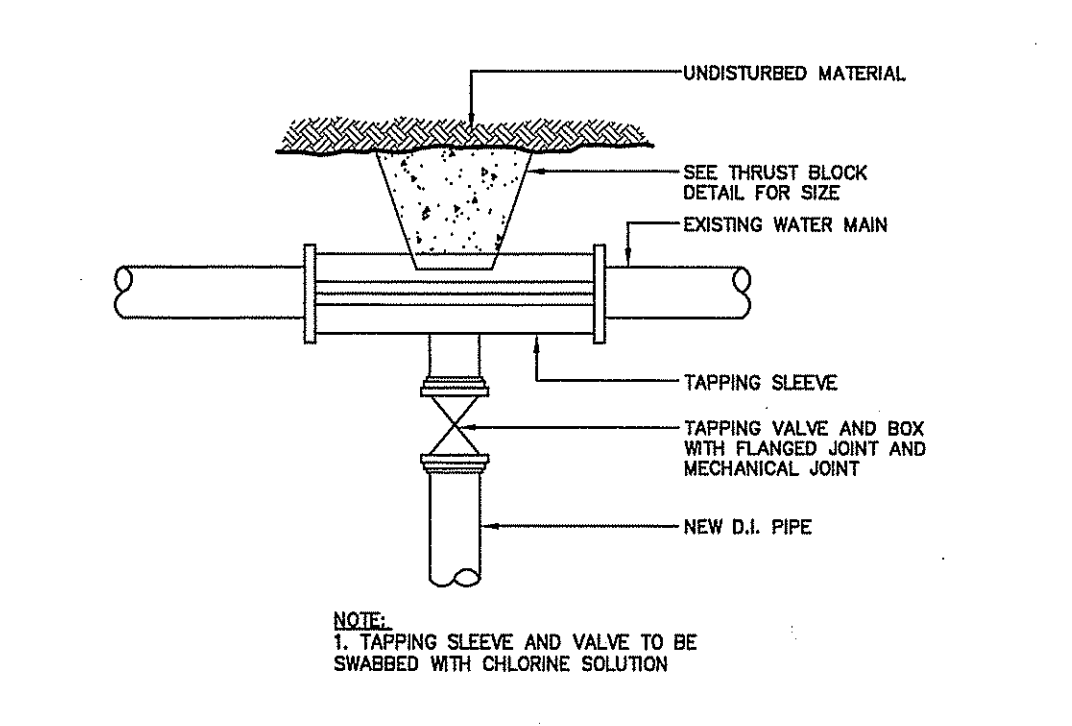
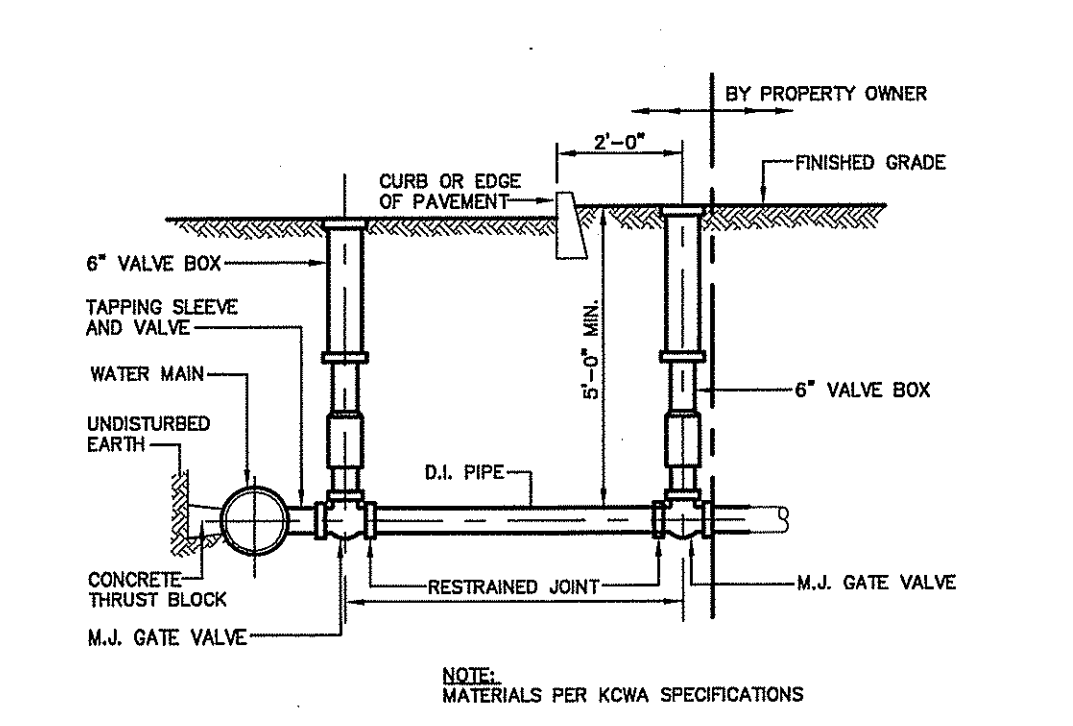
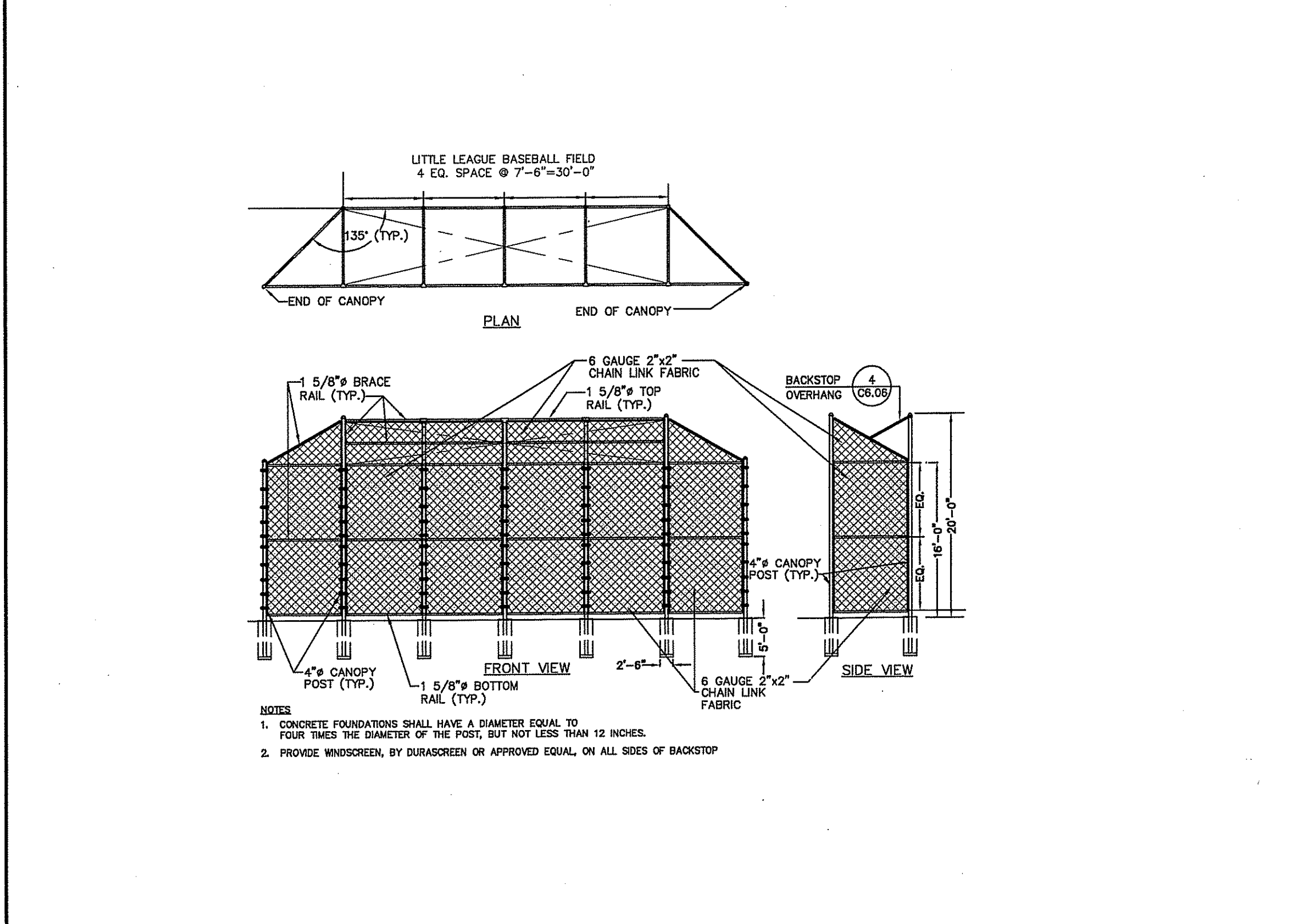
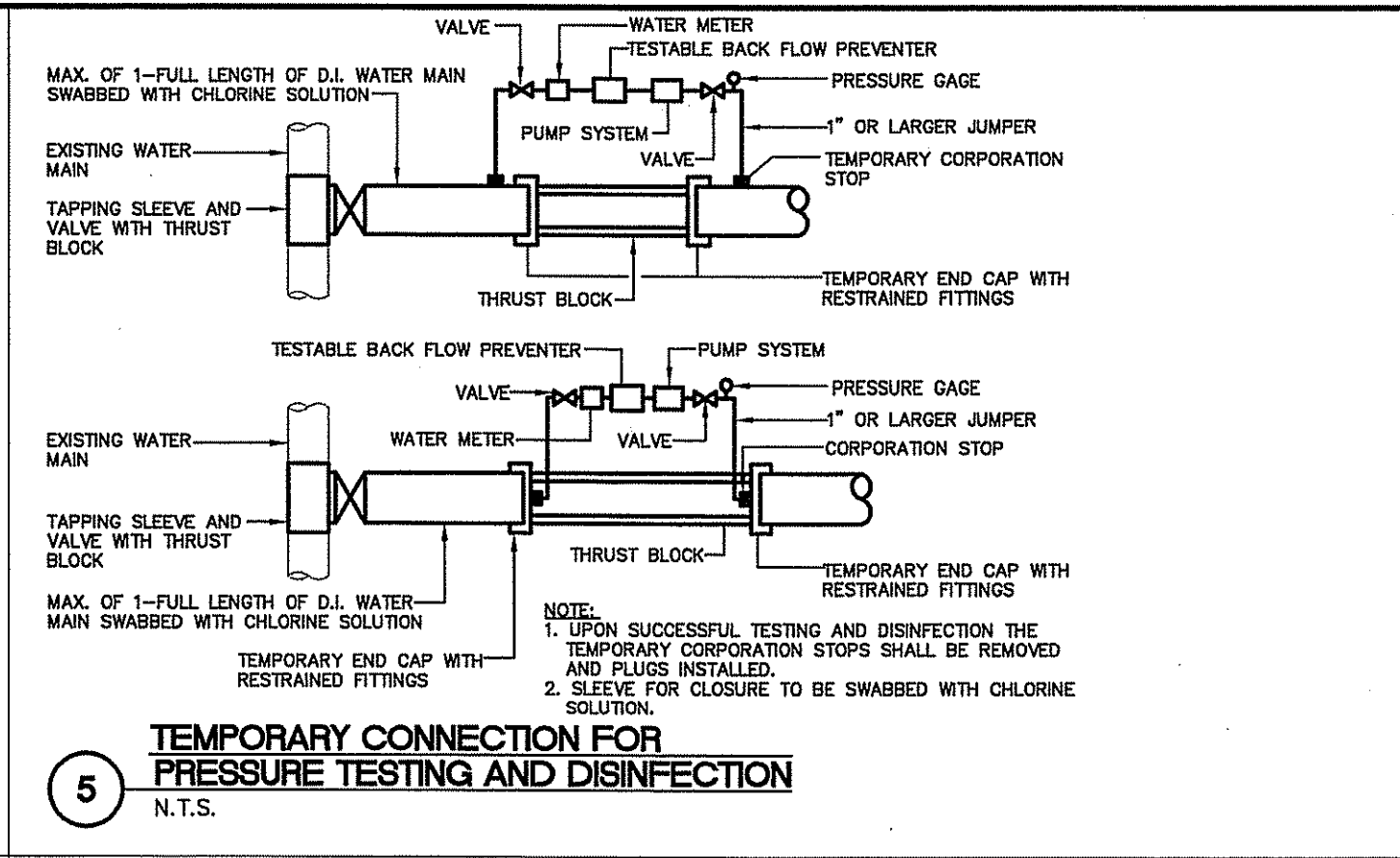
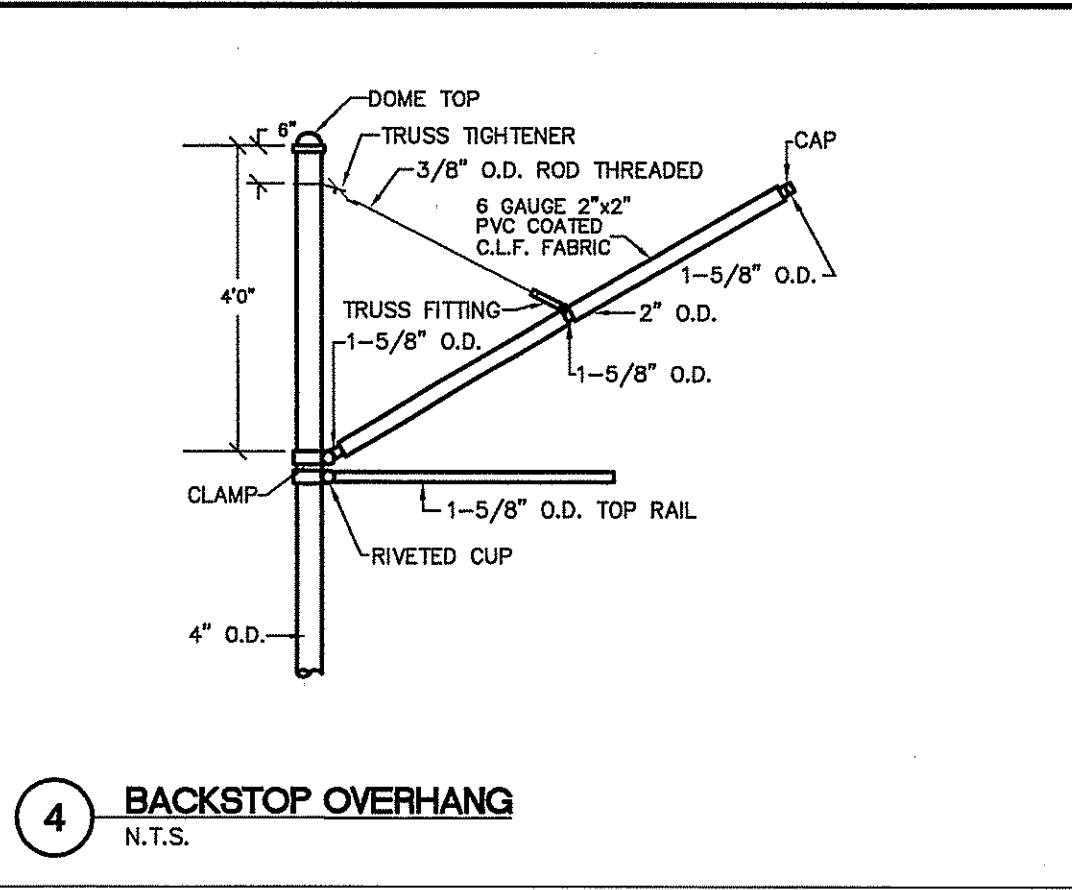
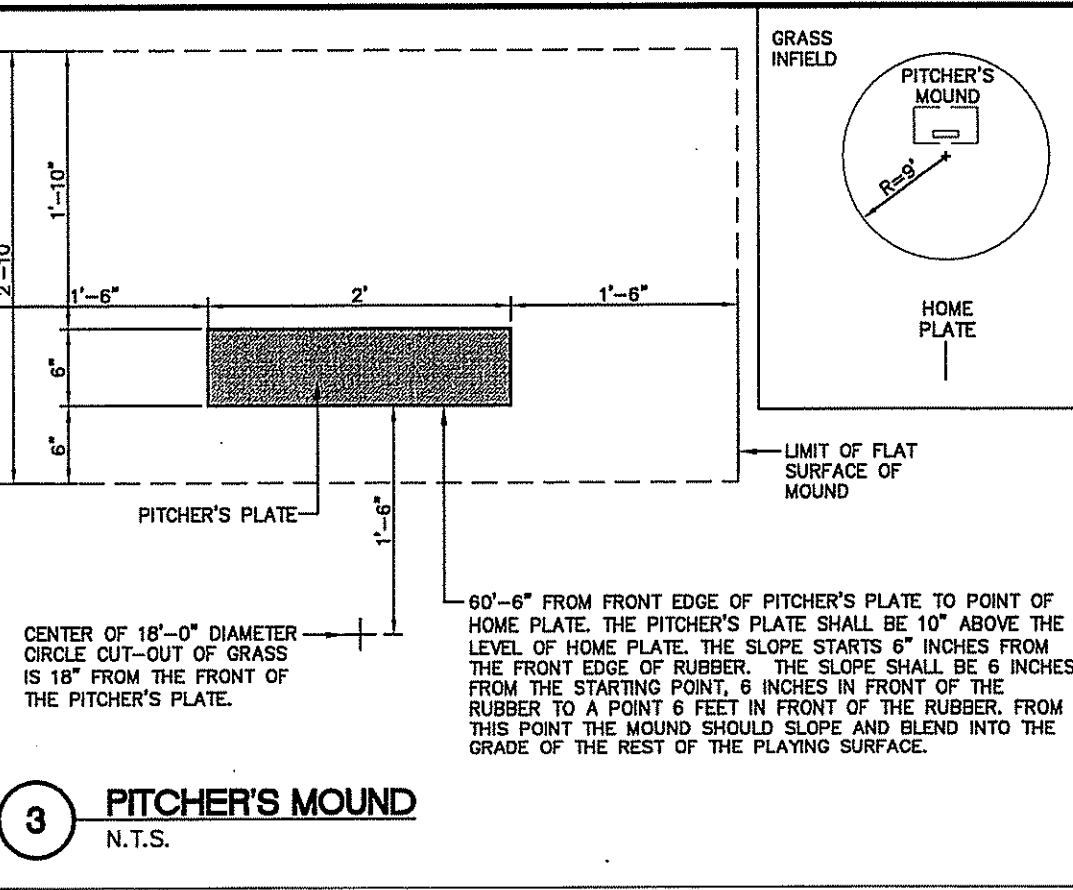
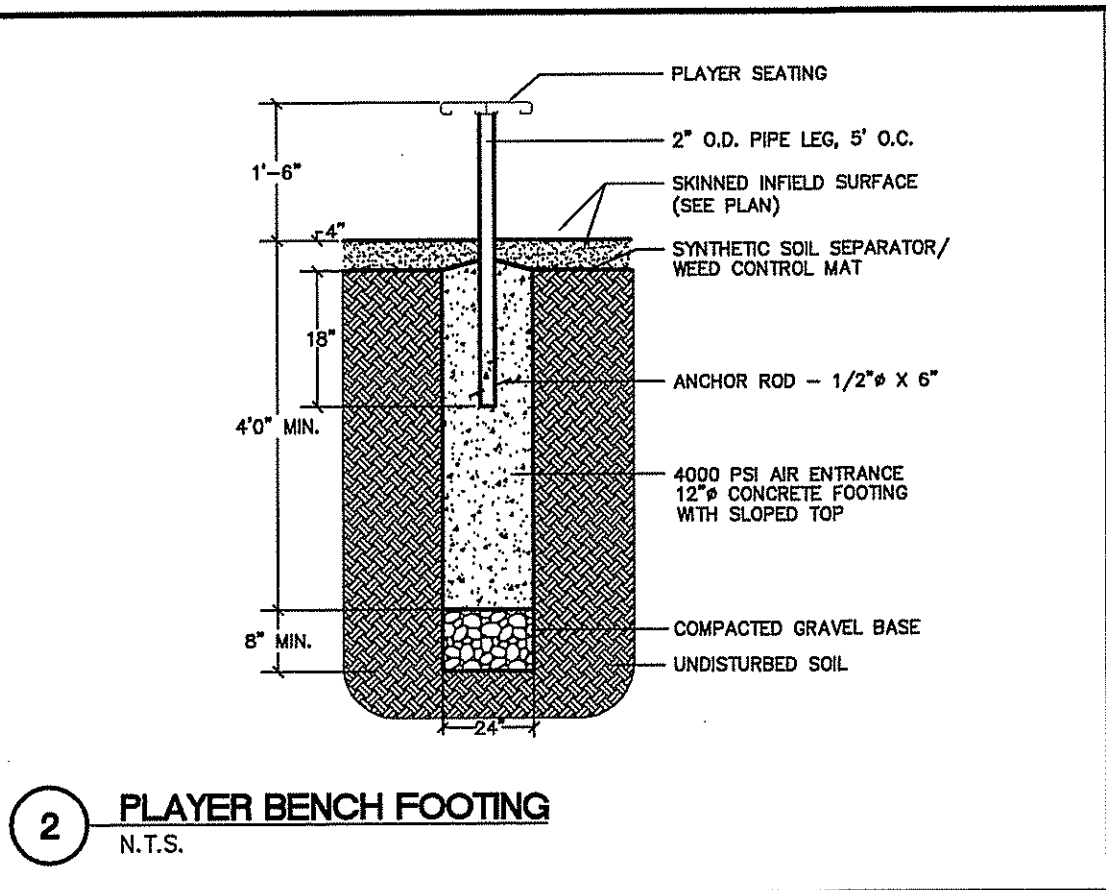
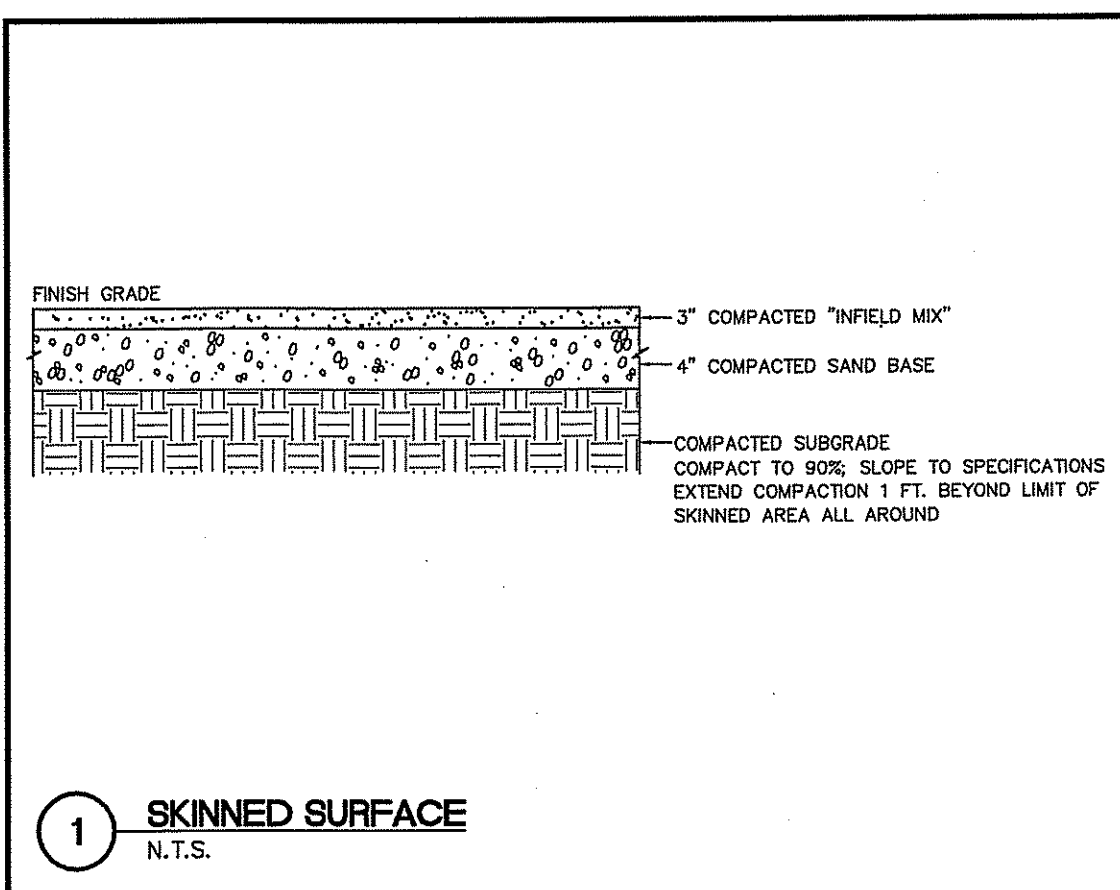
NO.	DATE	DESCRIPTION
09.09.09		CONSTRUCTION DOCUMENTS
07.24.09		PERMIT SET



DETAILS V

SCALE: NTS
DRAWN BY: JW
CHECKED BY:
PROJ. ARCH./ENGR.: JAH
PROJ. MGR.: LBF
JOB NO.: 07084.03
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C6.05



SMMA
SYMMES MAINI & MCKEE ASSOCIATES
1000 Massachusetts Avenue
Cambridge, Massachusetts 02138
617.547.5400 Fax 617.354.5758

OWNER REVIEW
NAME _____ DATE _____

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09.09.09 CONSTRUCTION DOCUMENTS
NO. DATE DESCRIPTION
ISSUE LOG
= CLOUDIED CHANGE

EAST GREENWICH MIDDLE SCHOOL
100 CEDAR AVENUE
EAST GREENWICH, RI 02818

JENNIFER A. HOWE
No. 9060
REGISTERED PROFESSIONAL ENGINEER (CIVIL)

DETAILS VI
SCALE NTS
DRAWN BY JW
CHECKED BY
PROJ. ARCH / ENGR. JAH
PROJ. MGR. LBF
JOB NO. 07084.03

NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Charles A. Horton

C6.06