

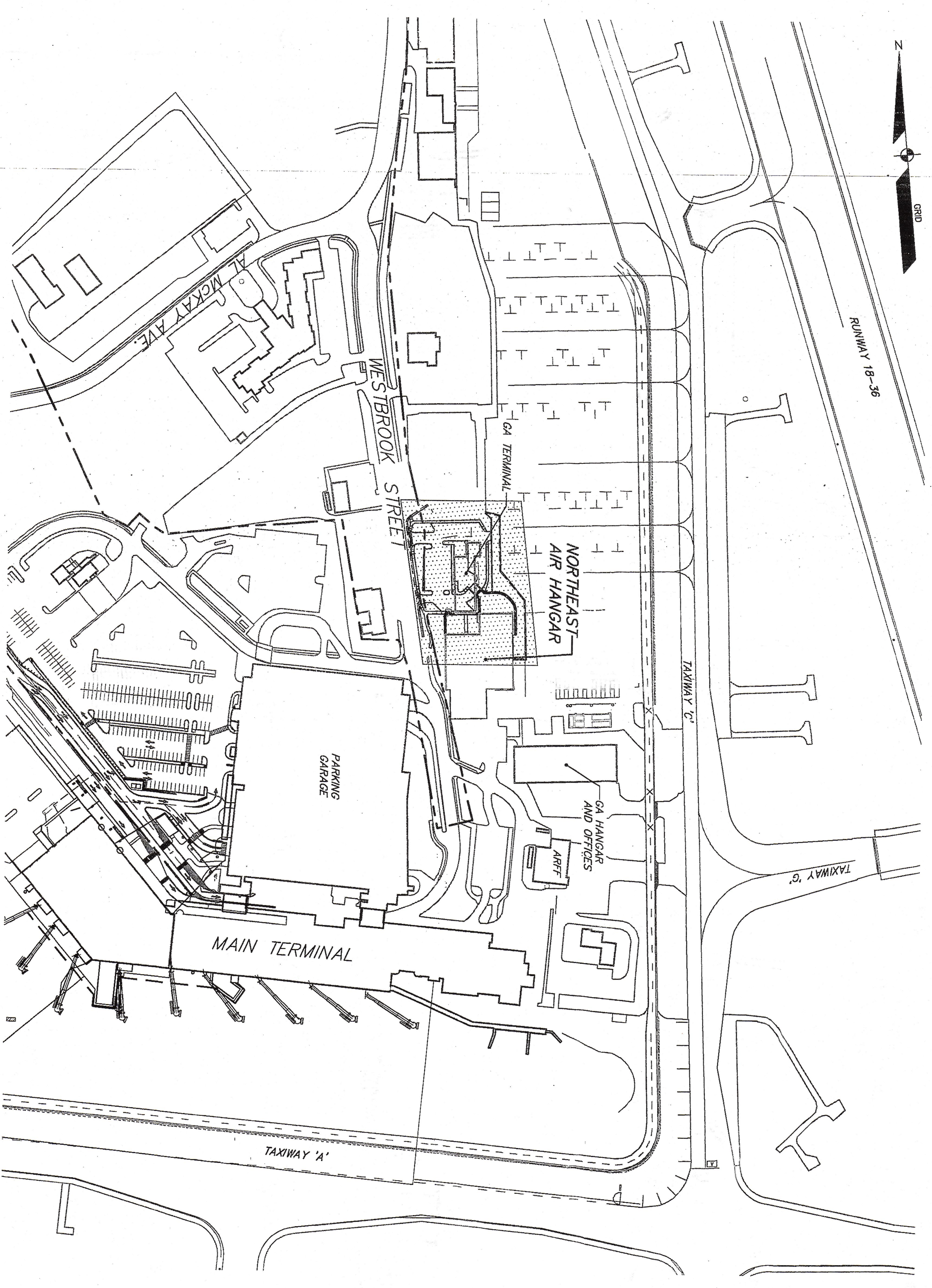
NORTHEAST AIR-FIXED BASE OPERATOR

1011 WESTBROOK STREET
 PORTLAND INTERNATIONAL JETPORT
 PORTLAND, MAINE

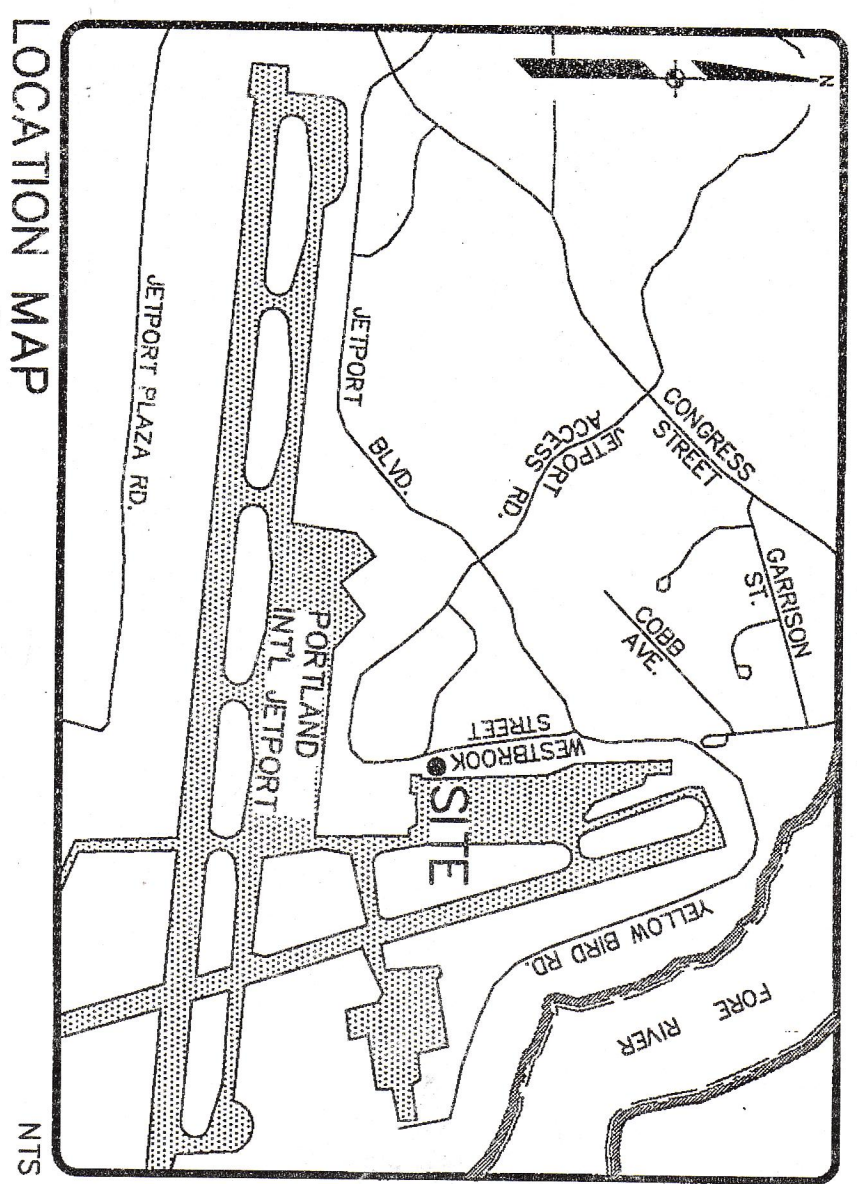
APPLICANT:
NORTHEAST AIR
 1011 WESTBROOK STREET
 PORTLAND, MAINE 04102
 TEL. 207-774-6318

ENGINEER/SURVEYOR:

SEBAGO
 T E C H N I C S
 WWW.SEBAGOTECHNICS.COM
 75 John Roberts Rd. 250 Goddard Rd.
 South Portland, ME 04106 Lewiston, ME 04240
 Tel. 207-260-2100 Tel. 207-753-9569



SCALE: 1" = 150'

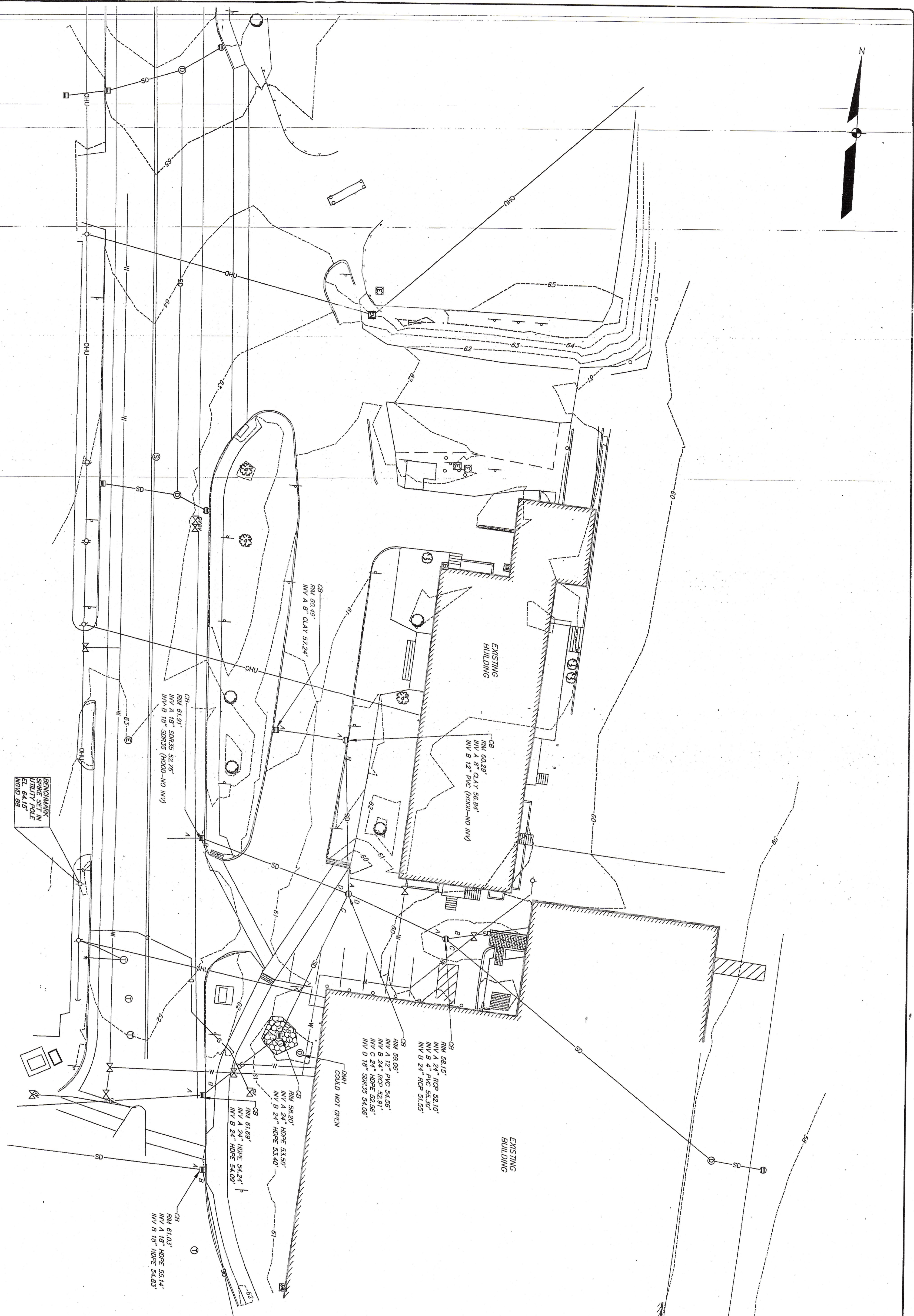
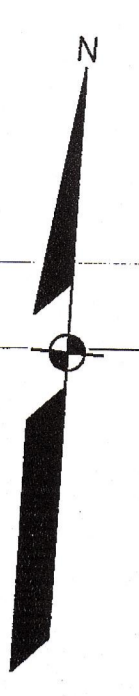


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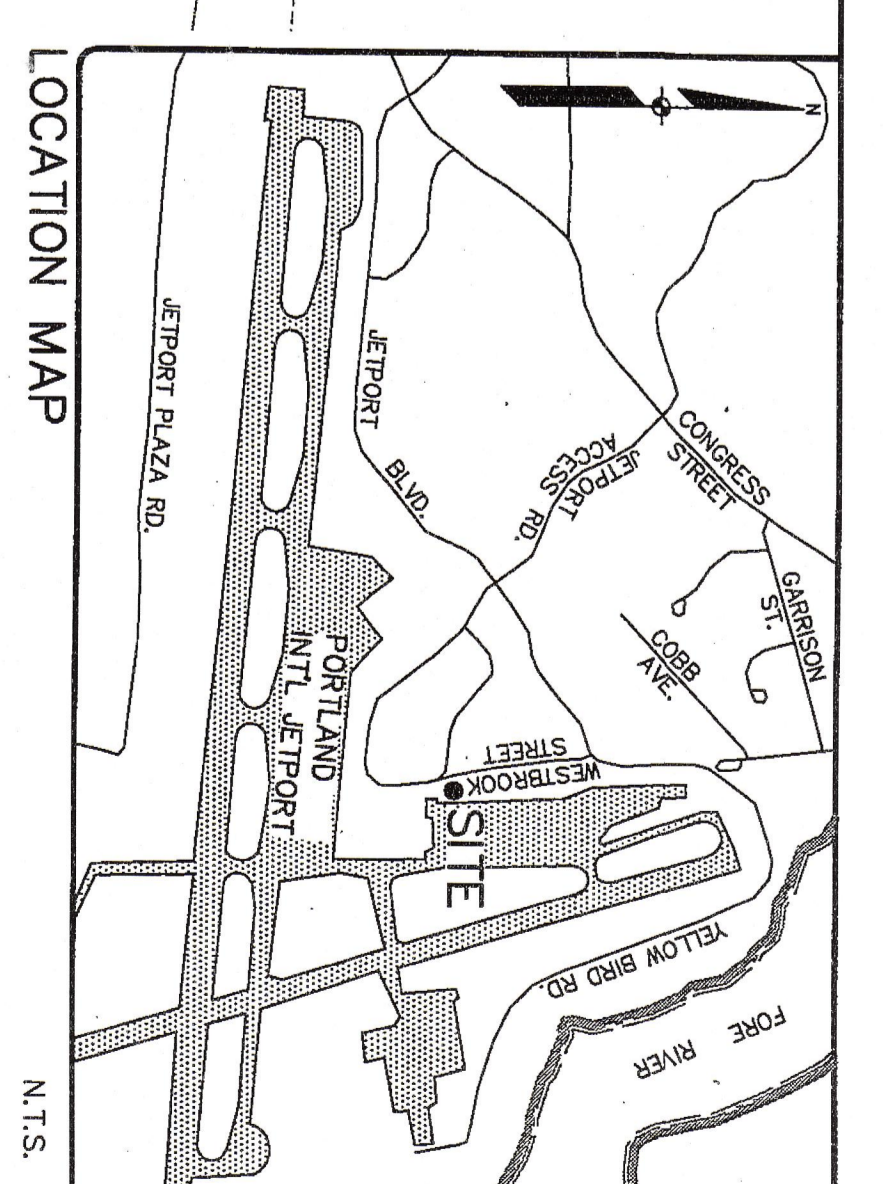
CITY OF PORTLAND
 APPROVED SITE PLAN
 Subject to Dept. Conditions
 Date of Approval: 11.02.2015

ROBERT A. OWENS
 No. 7122
 PROFESSIONAL ENGINEER
 STATE OF MAINE



LEGEND

EXISTING	EXISTING	EXISTING
PROPERTY LINE/ROW	GUARD RAIL	ELECTRICAL MANHOLE
CENTERLINE	RETAINING WALL	TELEPHONE MANHOLE
MONUMENT	DECIDUOUS TREE	UTILITY POLE
IRON PIPE/ROD	CONIFEROUS TREE	QUY WIRE
BENCHMARK	SIGN	TRANSFORMER PAD
BENCHMARK WITH ELEVATION	GAS	RRPAP
DECK/STEPS/	GAS GATE VALVE	
OVERHANG	WATER GATE VALVE	
EDGE PAVEMENT	WATER MAIN	
PAVEMENT PAINT	STORM DRAIN	
CURB LINE	DRAINAGE MANHOLE	
CONTOURS	CATCH BASIN	
CHAIN LINK FENCE	OVERHEAD UTILITY	
	UNDERGROUND UTILITY	



- GENERAL NOTES**
1. THE LOT IS THE CITY OF PORTLAND BY DEED RECORDED IN THE CUMBERLAND COUNTY REGISTER OF DEEDS, NO. 187808010.
 2. THE PROPERTY IS SHOWN ON THE CITY OF PORTLAND'S CHART BLOCK NO. 187808010.
 3. PLAN ORIENTATION IS BASED ON AN ASSUMED COORDINATE SYSTEM. THE NATIONAL GRID SYSTEM IS REFERENCED TO THE NATIONAL VERTICAL GEODETIC DATUM OF 83 (NAD 83), BASED ON USGS DISK J121 WITH A RECORD ELEVATION OF 82.97'.
 4. PROPERTY IS LOCATED IN THE AIRPORT BUSINESS ZONE.
 5. MIN. LOT SIZE: 20,000 S.F.
 6. MIN. FRONT YARD: 50 FEET
 7. MIN. SIDE YARD: NONE
 8. EXISTING AND INTENDED USE: GENERAL AVIATION FACILITY.
 9. ALL UTILITIES SHALL BE UNDERGROUND AND CONSTRUCTED TO THE CITY OF PORTLAND AND INDIVIDUAL UTILITY REQUIREMENTS.
 10. NORTHEAST AIR HAS A GROUND LEASE WITH THE CITY OF PORTLAND FOR THIS SITE. THE GROUND LEASE IS REFERENCED TO THE CITY OF PORTLAND'S CHART BLOCK NO. 187808010 ON THE ATTACHED EXHIBIT A.

CITY OF PORTLAND
APPROVED SITE PLAN
Subject to Dept. Conditions
Date of Approval: 11.10.15

EXISTING CONDITIONS PLAN
OF:
NORTHEAST AIR-FIXED BASE OPERATOR
PORTLAND INTERNATIONAL JETPORT
PORTLAND, MAINE

FOR:
NORTHEAST AIR
1011 WESTBROOK STREET
PORTLAND, MAINE 04102

PROJECT NO.: 15149
SCALE: 1" = 20'

SHEET 2 OF 9

SEBAGO
TECHNICS

WWW.SEAGOTECHNICS.COM

75 John Roberts Rd. Suite 1A South Portland, ME 04106 Tel. 207-200-2100

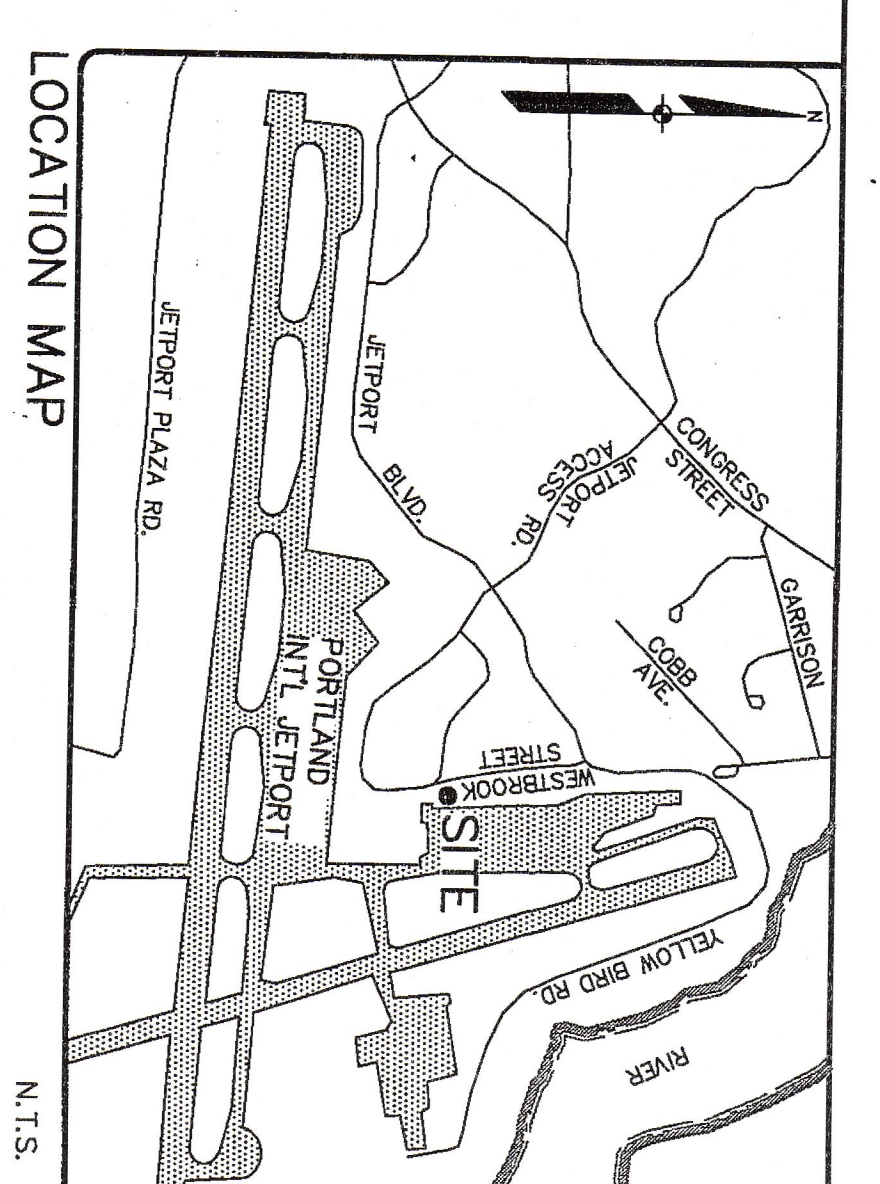
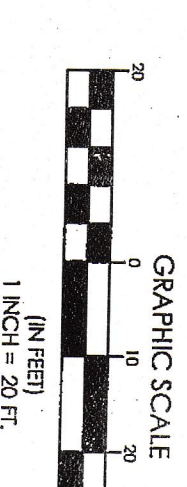
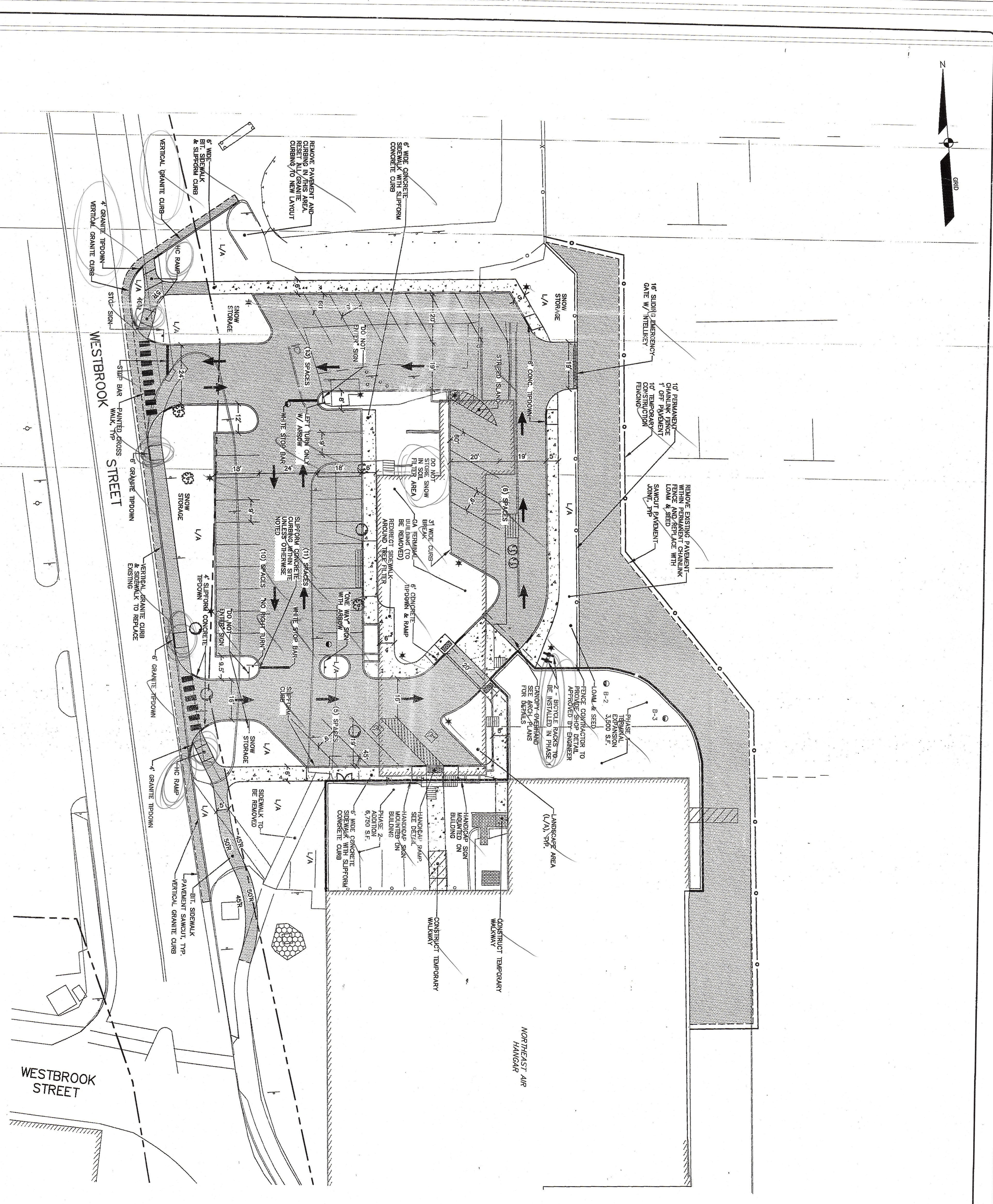
250 Goddard Rd. Suite B Lewiston, ME 04240 Tel. 207-783-5555

REV.	BY:	DATE:	STATUS:
E	OAM	02-08-15	ISSUED FOR CONSTRUCTION
D	OAM	12-28-15	MISC. REVISIONS
C	OAM	12-14-15	REVISED FOR BUILDING PERMIT
B	OAM	09-30-15	REVISED PER COMMENTS
A	OAM	09-03-15	SUBMITTED TO CITY FOR SITE PLAN REVIEW

DESIGNED: SPP
CHECKED: SPP

STATE OF MAINE
OWENS
McCULLOUGH
No. 7122
LICENSED PROFESSIONAL ENGINEER

2/16



GENERAL NOTES

1. RECORD OWNER OF THE LOT IS THE CITY OF PORTLAND BY DEED RECORDED IN THE SHERBURN COUNTY RECORDS OF DEEDS NO.19840013.
2. THE PROPERTY IS SHOWN ON THE CITY OF PORTLAND'S CHART BLOCK NO.19840013.
3. PLAN ORIENTATION IS BASED ON AN ASSUMED COORDINATE SYSTEM. VERIFICATION INFORMATION SHOWN IS REFERENCED TO THE NATIONAL A RECORD ELEVATION OF 62.87' (MAD 09), BASED ON USGS DISK 121 WITH A RECORD ELEVATION OF 62.87'.
4. PROPERTY IS LOCATED IN THE AIRPORT BUSINESS ZONE.
5. MIN. LOT SIZE: 20,000 S.F.
MIN. FRONT YARD: 20 FEET
MIN. SIDE YARD: NONE
6. EXISTING AND INTENDED USE: GENERAL AVIATION FACILITY.
7. ALL UTILITIES SHALL BE UNDERGROUND AND CONSTRUCTED TO THE CITY OF PORTLAND AND INDIVIDUAL UTILITY REQUIREMENTS.
8. AN APPROVED SET OF PLANS AND ALL APPLICABLE PERMITS MUST BE OBTAINED PRIOR TO COMMENCING CONSTRUCTION. ALL UTILITIES SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
9. WARNING SIGNS, MARKERS, BARRICADES OR FLAGON, APPROPRIATE FOR THE TYPE OF CONSTRUCTION MUST BE DELIVERED TO REGULATE TRAFFIC.
10. EXISTING STORM DRAIN SYSTEM MUST BE FLESHED, SLUDGES CLEANED AND REINSTALLED PRIOR TO CONSTRUCTION. ALL EXISTING UTILITY LINES SHALL BE MAINTAINED AND PROTECTED THROUGHOUT CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF PORTLAND AND INDIVIDUAL UTILITY REQUIREMENTS.
11. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF PORTLAND AND INDIVIDUAL UTILITY REQUIREMENTS. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF PORTLAND AND INDIVIDUAL UTILITY REQUIREMENTS.
12. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF PORTLAND AND INDIVIDUAL UTILITY REQUIREMENTS. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF PORTLAND AND INDIVIDUAL UTILITY REQUIREMENTS.
13. ACCUMULATED SNOW SHALL BE REMOVED DURING OPERATIONS WHEN SNOW STORAGE AREAS ARE AT CAPACITY.

LEGEND

EXISTING	PROPOSED
PROPERTY LINE/R.O.W.	PROPERTY LINE/R.O.W.
CENTERLINE	CENTERLINE
BUILDING	BUILDING
DECK/STEPS/ OVERHANG	DECK/STEPS/ OVERHANG
EDGE PAVEMENT	EDGE PAVEMENT
PAVEMENT SAWCUT	PAVEMENT SAWCUT
EDGE CONCRETE	EDGE CONCRETE
PAVEMENT PAINT	PAVEMENT PAINT
CURB LINE	CURB LINE
CHAIN LINK FENCE	CHAIN LINK FENCE
GUARD RAIL	GUARD RAIL
RETAINING WALL	RETAINING WALL
DECIDUOUS TREE	DECIDUOUS TREE
CONFEROUS TREE	CONFEROUS TREE
SIGN	SIGN
RIPRAP	RIPRAP

CITY OF PORTLAND
APPROVED SITE PLAN
Subject to Dept. Conditions
Date of Approval: 11.10.15

SITE PLAN
OF:
NORTHEAST AIR-FIXED BASE OPERATOR
PORTLAND INTERNATIONAL JETPORT
PORTLAND, MAINE

FOR:
NORTHEAST AIR
1011 WESTBROOK STREET
PORTLAND, MAINE 04102

PROJECT NO. 15149
SCALE 1" = 20'

SHEET 5 OF 9

SEBAGO
TECHNICS, INC.

WWW.SEBAGOTECHNICS.COM

75 John Roberts Rd. Suite 1A
South Portland, ME 04106
Tel. 207-200-2100

250 Goddard Rd.
Lewiston, ME 04240
Tel. 207-783-5656

F	OAM 02-08-16	ISSUED FOR CONSTRUCTION
F	OAM 01-25-16	ADDED REVISION RACK NOTE PER CITY COMMENTS
D	OAM 12-28-15	MISC. REVISIONS
C	OAM 12-14-15	REVISED FOR BUILDING PERMIT
B	OAM 09-30-15	REVISED PER COMMENTS
A	OAM 09-03-15	SUBMITTED TO CITY FOR SITE PLAN REVIEW

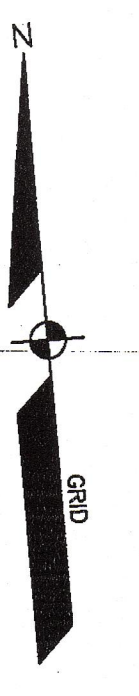
REV. BY: DATE: STATUS:

DESIGNED: ACH
CHECKED: OAM

THIS PLAN SHALL NOT BE MODIFIED WITHOUT WRITTEN PERMISSION FROM SEBAGO TECHNICS, INC. ANY ALTERATIONS, AUTHORIZED OR OTHERWISE, SHALL BE AT THE USER'S SOLE RISK, AND WITHOUT LIABILITY TO SEBAGO TECHNICS, INC.

STATE OF MAINE
OWENS A.
McCULLOUGH
No. 7122
LICENSED PROFESSIONAL ENGINEER

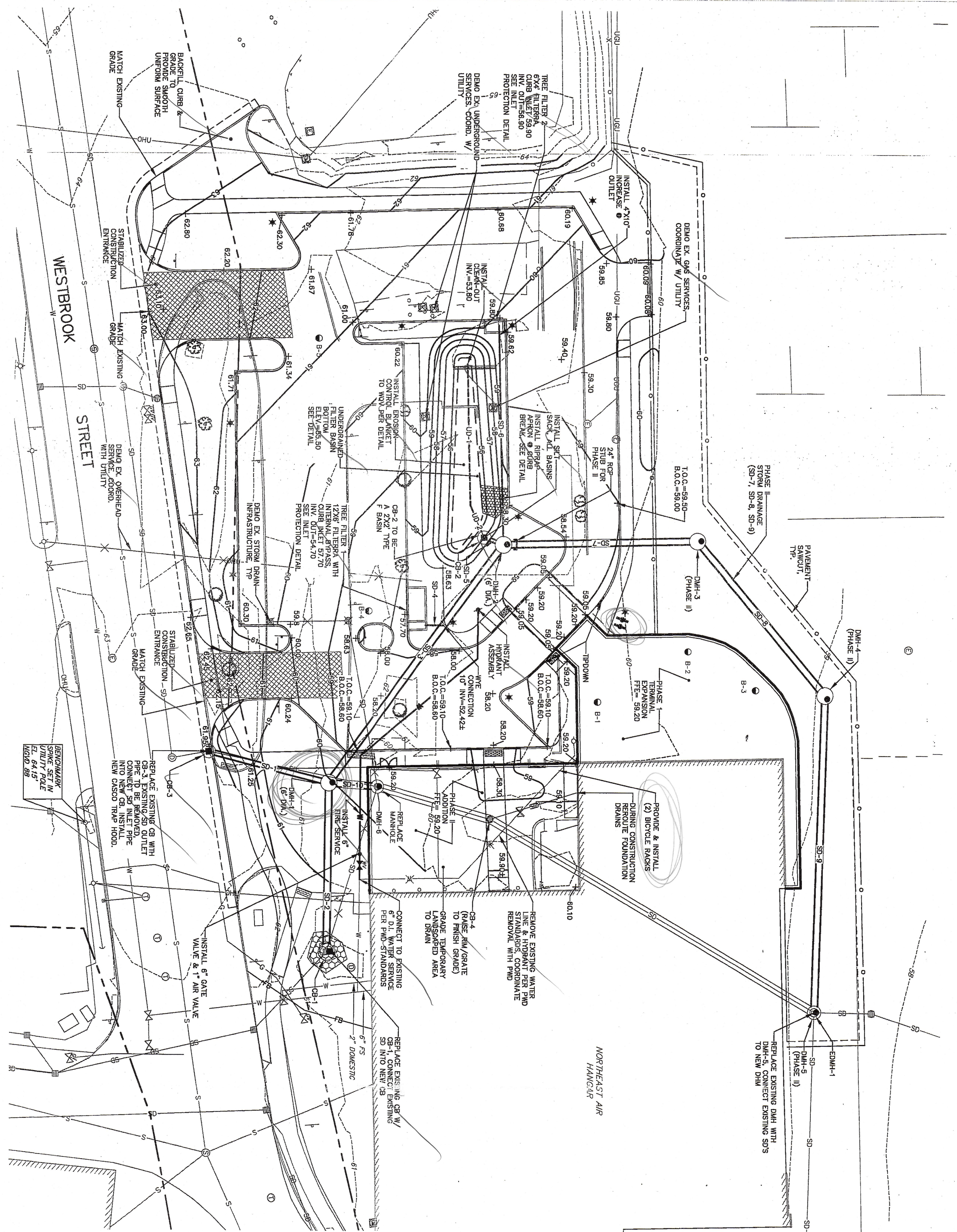
2/18/16



NAME	SIZE	LENGTH	SLOPE	PIPE MATERIAL
EX PVC	4"	30'	0.533%	PVC SDR-35
EX SD	24"	130'	0.000%	PVC SDR-35
EX SD	24"	38'	1.212%	PVC SDR-35
SD-1	18"	40'	0.270%	PVC SDR-35
SD-2	24"	55'	1.387%	HDPE
SD-3	24"	100'	0.500%	HDPE
SD-4	10"	6'	35.478%	HDPE
SD-5	12"	3'	5.424%	HDPE
SD-6	10"	75'	4.759%	RCP CLASS 5
SD-7	24"	64'	0.538%	RCP CLASS 5
SD-8	24"	88'	0.542%	RCP CLASS 5
SD-9	24"	108'	0.521%	RCP CLASS 5
SD-10	24"	13'	0.310%	PVC SDR-35
UD-1	4"	50'	0.502%	HDPE
UD-2	4"	11'	-5.511%	HDPE

STRUCTURE	RIM	INV. IN	INV. OUT	DIAM.
OS-1	58.20	53.50 (EXISTING)	53.40 (SD-2)	60"
OS-2	57.00	53.50 (UD-2)	53.40 (SD-5)	48"
OS-3	61.91	52.78 (EXISTING)	52.78 (SD-1)	48"
OS-4	59.00	52.10 (EX SD)	51.55 (EX SD)	48"
DMH-1	60.19	52.68 (SD-2)	52.60 (SD-10)	60"
DMH-2	58.29	53.28 (SD-8)	53.15 (SD-3)	60"
DMH-3	59.70	48.87 (SD-7)	48.77 (SD-9)	60"
DMH-4	58.95	48.41 (SD-8)	48.31 (SD-9)	60"
DMH-5	59.00	48.75 (SD-9)	48.75 (SD-9)	48"
DMH-6	59.60	52.58 (SD-10)	52.58 (EX SD)	48"

LEGEND	
EXISTING	PROPOSED
PROPERTY LINE/R.O.W.	PROPERTY LINE/R.O.W.
EDGE PAVEMENT	EDGE PAVEMENT
PAVEMENT SANDOUT	PAVEMENT SANDOUT
EDGE CONCRETE	EDGE CONCRETE
EDGE GRAVEL	EDGE GRAVEL
CURB LINE	CURB LINE
-120-	-120-
-118-	-118-
SPOT GRADE	SPOT GRADE
CHAIN LINK FENCE	CHAIN LINK FENCE
GLASS RAIL	GLASS RAIL
DECIDUOUS TREE	DECIDUOUS TREE
CONIFEROUS TREE	CONIFEROUS TREE
GAS	GAS
GAS GATE VALVE	GAS GATE VALVE
GAS METER	GAS METER
GAS MANHOLE	GAS MANHOLE
WATER	WATER
WATER GATE VALVE	WATER GATE VALVE
HYDRANT	HYDRANT
SANITARY SEWER	SANITARY SEWER
SANITARY MANHOLE	SANITARY MANHOLE
STORM DRAIN	STORM DRAIN
DRAINAGE MANHOLE	DRAINAGE MANHOLE
CATCH BASIN	CATCH BASIN
OVERHEAD UTILITY	OVERHEAD UTILITY
TRANSFORMER PAD	TRANSFORMER PAD
ELECTRICAL MANHOLE	ELECTRICAL MANHOLE
ELECTRICAL MANHOLE	ELECTRICAL MANHOLE
UTILITY POLE	UTILITY POLE
UTILITY POLE	UTILITY POLE
GLY WIRE	GLY WIRE
RIPRAP	RIPRAP
FILTER BARBER	FILTER BARBER



NOTES:

- CONTRACTOR SHALL INSTALL FIRE SERVICE PIPE FROM THE PROPOSED HYDRANT TO THE CONNECTION.
- ALL WERKMAN JOINTS FOR FIRE SERVICE PIPE SHALL BE RESTRAINED.
- CONTRACTOR SHALL INSTALL FIELD LOCK GASKETS BETWEEN BRANS AND FIRST JOINT ON BOTH SIDES.
- CONTRACTOR SHALL VERIFY ELECTRICAL LOCATIONS AND INSURE ELECTRICAL SERVICES REMAIN UNINTERRUPTED AND/OR MAINTAINED AS REQUIRED.
- THE CITY OF PORTLAND UNDER SEPARATE CONTRACT WILL BE DEMOLISHING THE EXISTING CA BUILDING AND COMPLETING PRELIMINARY CONSTRUCTION AT THE TIME OF THIS PLAN'S APPROVAL. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY NECESSARY TO ACCOMMODATE AS-BUILT DEMOLISHED CONDITION.

CITY OF PORTLAND
APPROVED SITE PLAN
Subject to Dept. Conditions
Date of Approval: 11.10.15

GRADING AND UTILITY PLAN
OF
NORTHEAST AIR-FIXED BASE OPERATOR
PORTLAND INTERNATIONAL AIRPORT
PORTLAND, MAINE

FOR:
NORTHEAST AIR
1011 WESTBROOK STREET
PORTLAND, MAINE 04102

PROJECT NO. 15149
SCALE 1" = 20'

SHEET 4 OF 9

SEBAGO
TECHNICAL

WWW.SEBAGOTECHNICALS.COM

75 John Roberts Rd. Suite 1A
South Portland, ME 04106
Tel. 207-200-2100

250 Goddard Rd. Suite B
Lewiston, ME 04240
Tel. 207-783-5556

DESIGNED	ACH	CHECKED	OAM
DATE	02-08-16	DATE	02-08-16
STATUS	ISSUED FOR CONSTRUCTION	STATUS	ISSUED FOR CONSTRUCTION
REV	BY	DATE	STATUS
A	OAM	09-03-15	SUBMITTED TO CITY FOR SITE PLAN REVIEW
B	OAM	09-30-15	REVISED PER COMMENTS
C	OAM	12-14-15	REVISED FOR BUILDING PERMIT
D	OAM	12-28-15	MISC. REVISIONS
E	OAM	02-08-16	ISSUED FOR CONSTRUCTION

STATE OF MAINE
OWENS A. McCULLOUGH
REGISTERED PROFESSIONAL ENGINEER
No. 7122

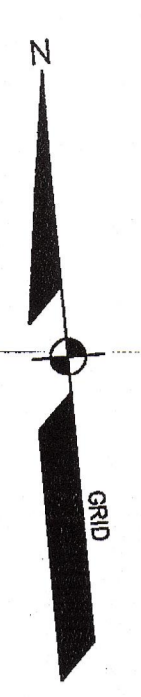
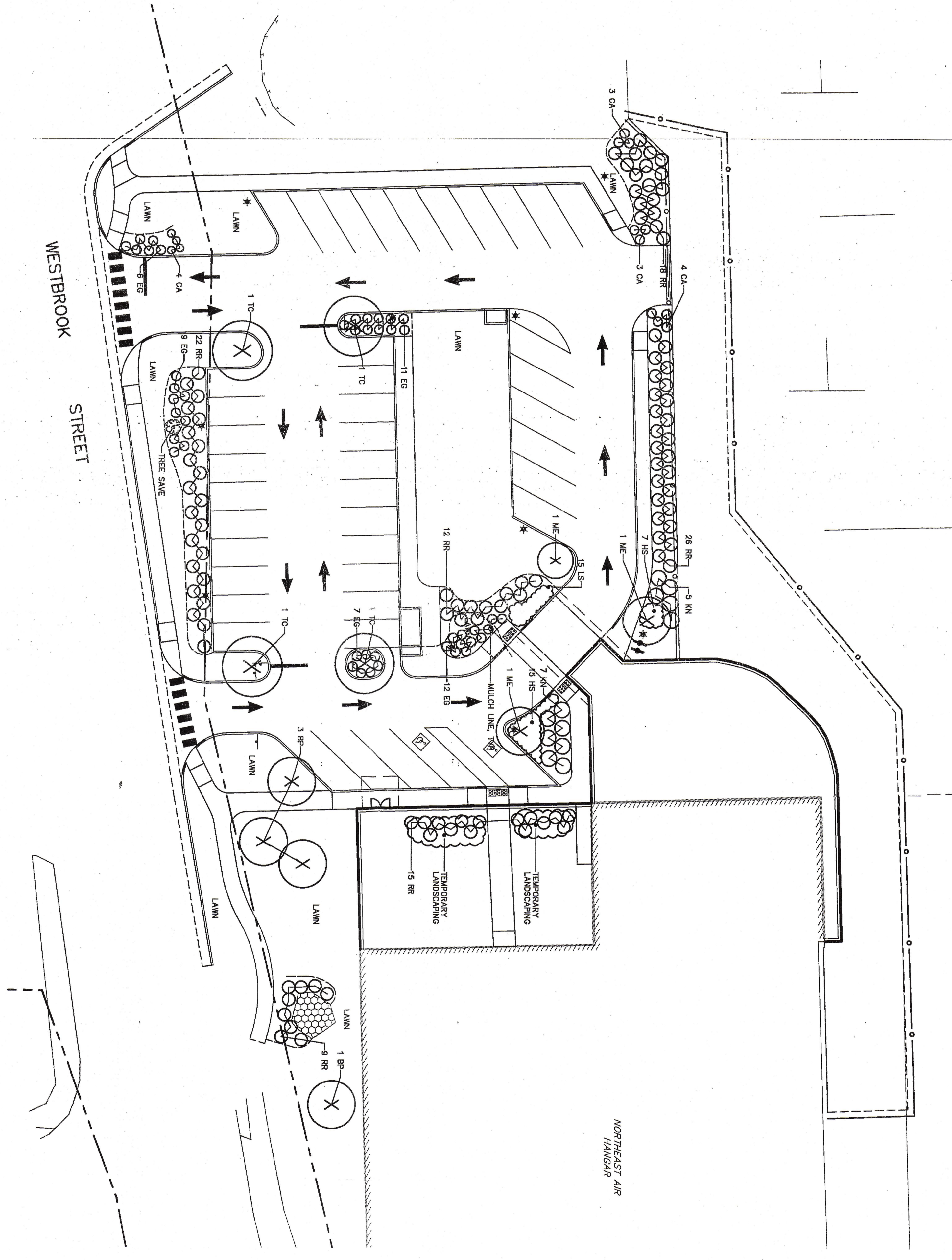
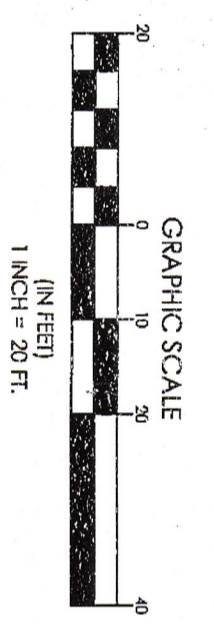
THIS PLAN SHALL NOT BE MODIFIED WITHOUT WRITTEN PERMISSION FROM SEBAGO TECHNICALS, INC. ANY ALTERATIONS, AUTHORIZED OR OTHERWISE, SHALL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO SEBAGO TECHNICALS, INC.

LEGEND

EXISTING	PROPOSED
PROPERTY LINE/ROAD	PROPERTY LINE/ROAD
BUILDING	BUILDING
PAVEMENT	PAVEMENT
PAVEMENT SAMCUT	PAVEMENT SAMCUT
CODE CONCRETE	CODE CONCRETE
CODE LINE	CODE LINE
CODE PAINT	CODE PAINT
EXISTING TREE	EXISTING TREE
PROPOSED TREE	PROPOSED TREE
CONCRETE	CONCRETE
MULCH LINE	MULCH LINE
BOUNDARY	BOUNDARY
ROAD	ROAD

PLANT SCHEDULE:

REF	BOTANICAL NAME / COMMON NAME	SIZE / REMARKS
1C	TILIA CORONATA / LINDEN	3 INCH CALIPER
1D	QUERCUS ROBUR / RED OAK	8 FT. - 10 FT. MULTI
1E	QUERCUS PRINCEPS / PRINCEPS OAK	8 FT. - 10 FT. MULTI
1F	QUERCUS ALBA / WHITE OAK	8 FT. - 10 FT. MULTI
1G	QUERCUS FERRUGINEA / SPANISH OAK	8 FT. - 10 FT. MULTI
1H	QUERCUS RUBRA / RED BARK OAK	8 FT. - 10 FT. MULTI
1I	QUERCUS LAMINIATA / WHITE BARK OAK	8 FT. - 10 FT. MULTI
1J	QUERCUS BICOLOR / SWAMP WHITE OAK	8 FT. - 10 FT. MULTI
1K	QUERCUS Coccinea / COCA OAK	8 FT. - 10 FT. MULTI
1L	QUERCUS LAEVOGLOBOSA / SPINNING OAK	8 FT. - 10 FT. MULTI
1M	QUERCUS MOBILENSIS / MOBILE OAK	8 FT. - 10 FT. MULTI
1N	QUERCUS VAGABUNDA / WANDERING OAK	8 FT. - 10 FT. MULTI
1O	QUERCUS LAEVOLOBATA / SPINNING OAK	8 FT. - 10 FT. MULTI
1P	QUERCUS LAEVOLOBATA / SPINNING OAK	8 FT. - 10 FT. MULTI
1Q	QUERCUS LAEVOLOBATA / SPINNING OAK	8 FT. - 10 FT. MULTI
1R	QUERCUS LAEVOLOBATA / SPINNING OAK	8 FT. - 10 FT. MULTI
1S	QUERCUS LAEVOLOBATA / SPINNING OAK	8 FT. - 10 FT. MULTI



CITY OF PORTLAND
 APPROVED SITE PLAN
 Subject to Dept. Conditions
 Date of Approval: 11-16-15

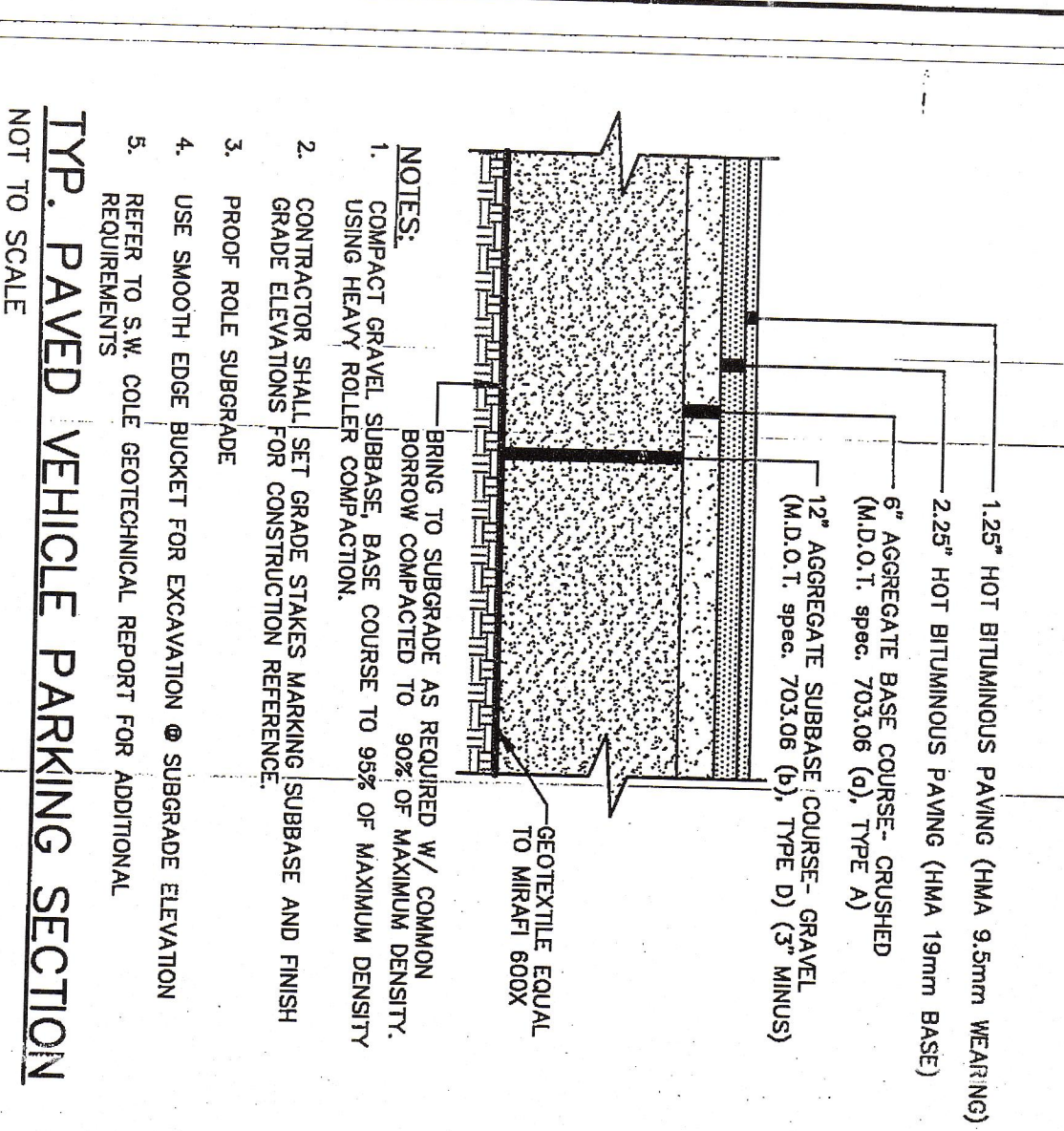
LANDSCAPE PLAN
 OF
 NORTHEAST AIR-FIXED BASE OPERATOR
 PORTLAND INTERNATIONAL AIRPORT
 PORTLAND, MAINE
 FOR:
 NORTHEAST AIR
 1011 WESTBROOK STREET
 PORTLAND, MAINE 04102

SEBAGO
 TECHNICS
 WWW.SEBAGOTECHNICS.COM
 75 John Roberts Rd. Suite 14 South Portland, ME 04106 Tel. 207-200-2100
 250 Goddard Rd. Suite B Lewiston, ME 04240 Tel. 207-783-5656

DESIGNED	CHECKED
WTC	WTC
WTC	WTC

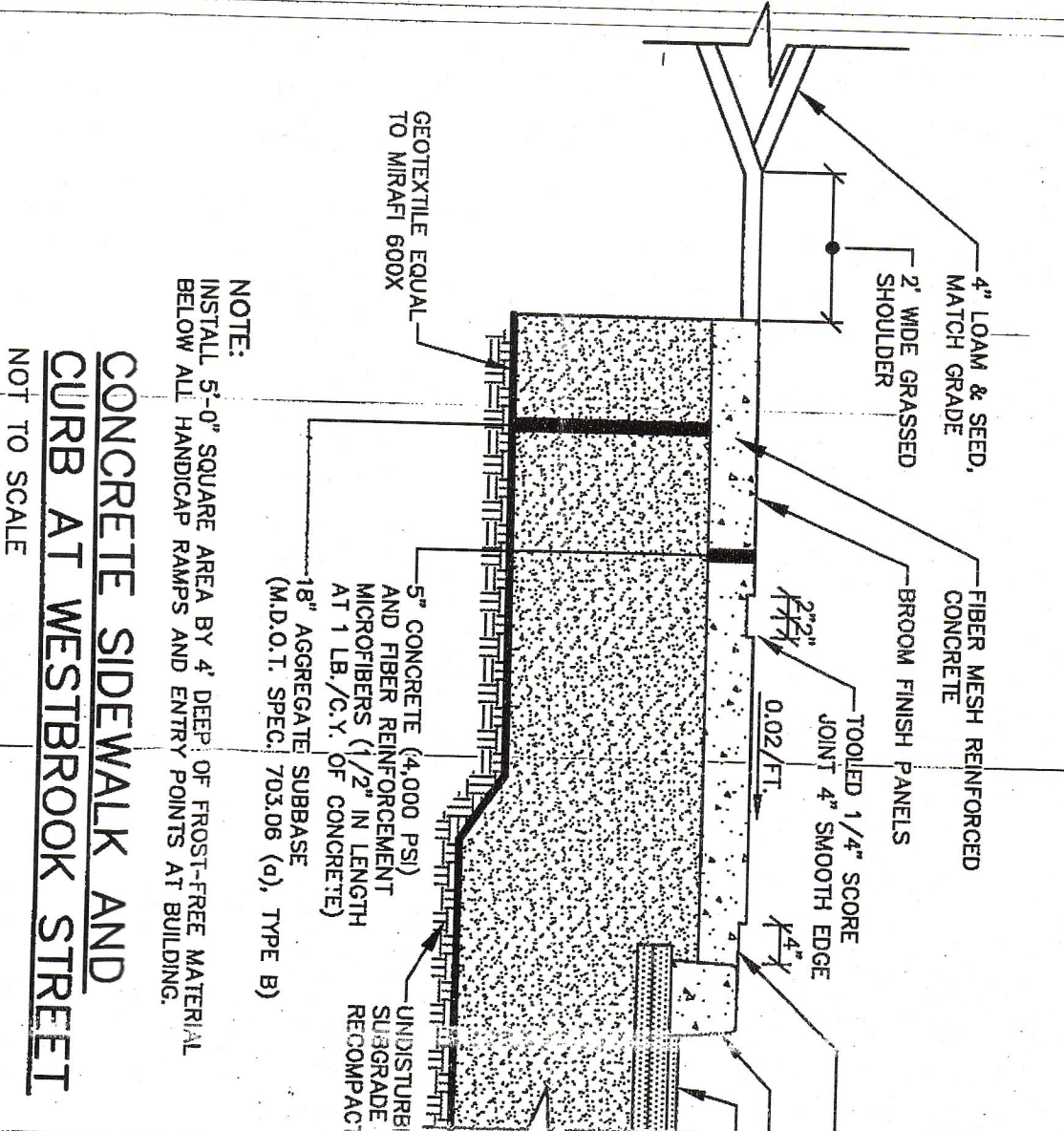
E OAM 02-08-16 ISSUED FOR CONSTRUCTION
 D OAM 12-28-15 MISC. REVISIONS
 C OAM 12-14-15 REVISED FOR BUILDING PERMIT
 B OAM 09-30-15 REVISED PER COMMENTS
 A OAM 09-03-15 SUBMITTED TO CITY FOR SITE PLAN REVIEW
 REV. BY: DATE: STATUS:
 THIS PLAN SHALL NOT BE MODIFIED WITHOUT WRITTEN PERMISSION FROM SEBAGO TECHNICS, INC. ANY ALTERATIONS AUTHORIZED OR OTHERWISE, SHALL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO SEBAGO TECHNICS, INC.

REGISTERED LANDSCAPE ARCHITECT
 WILLIAM T. COMMAN
 No. 108
 STATE OF MAINE



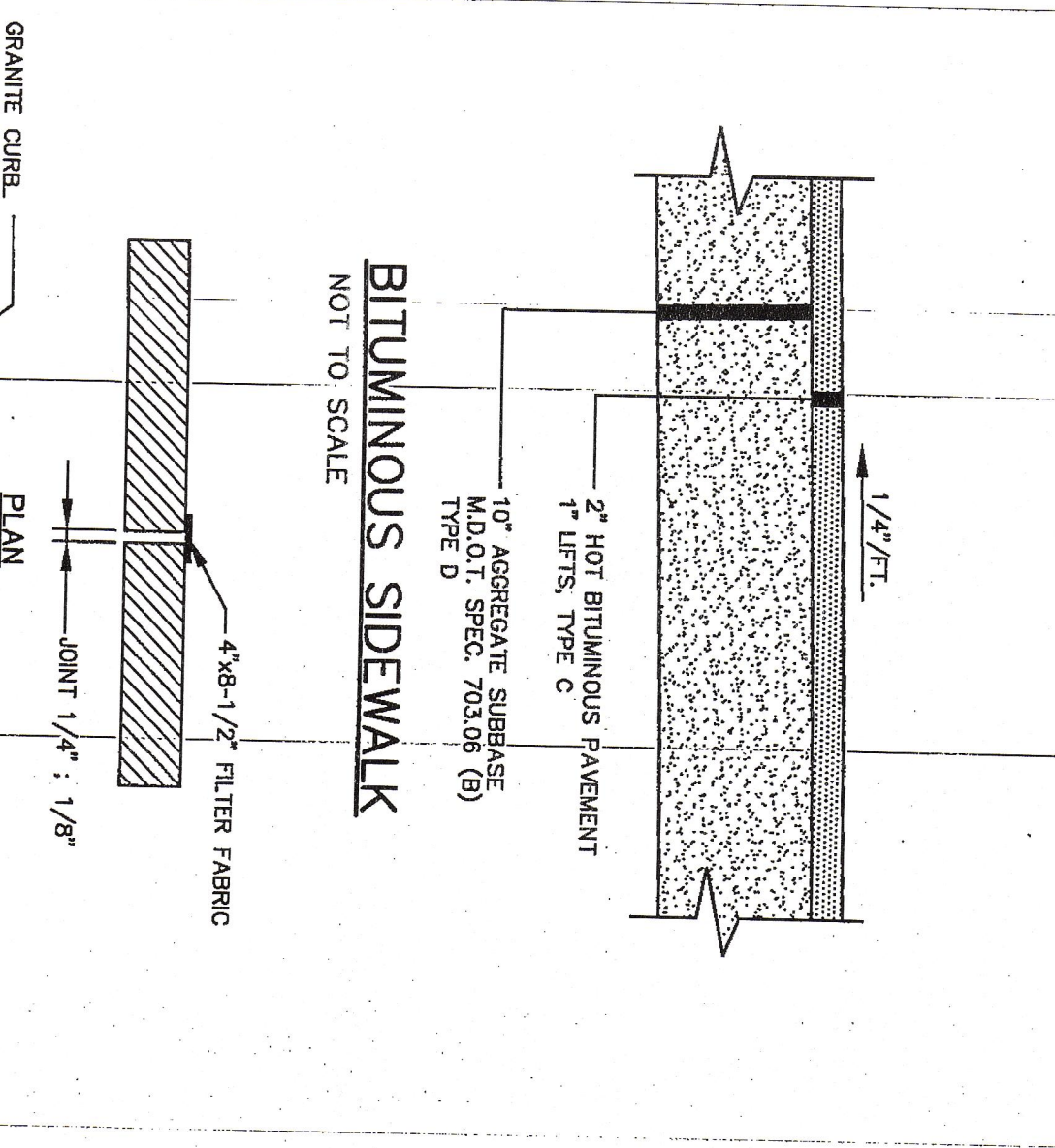
NOTES:
 1. BRING TO SURFACE AS REQUIRED W/ COMMON BORROW COMPACTED TO MAXIMUM DENSITY USING HEAVY ROLLER COMPACTION.
 2. CONTRACTOR SHALL SET GRADE STAKES MARKING SUBBASE AND FINISH GRADE ELEVATIONS FOR CONSTRUCTION REFERENCE.
 3. PROOF ROLL SUBGRADE.
 4. USE SMOOTH EDGE BUCKET FOR EXCAVATION @ SUBGRADE ELEVATION REQUIREMENTS.
 5. REFER TO S.W. COLE GEOTECHNICAL REPORT FOR ADDITIONAL REQUIREMENTS.

TYP. PAVED VEHICLE PARKING SECTION
 NOT TO SCALE



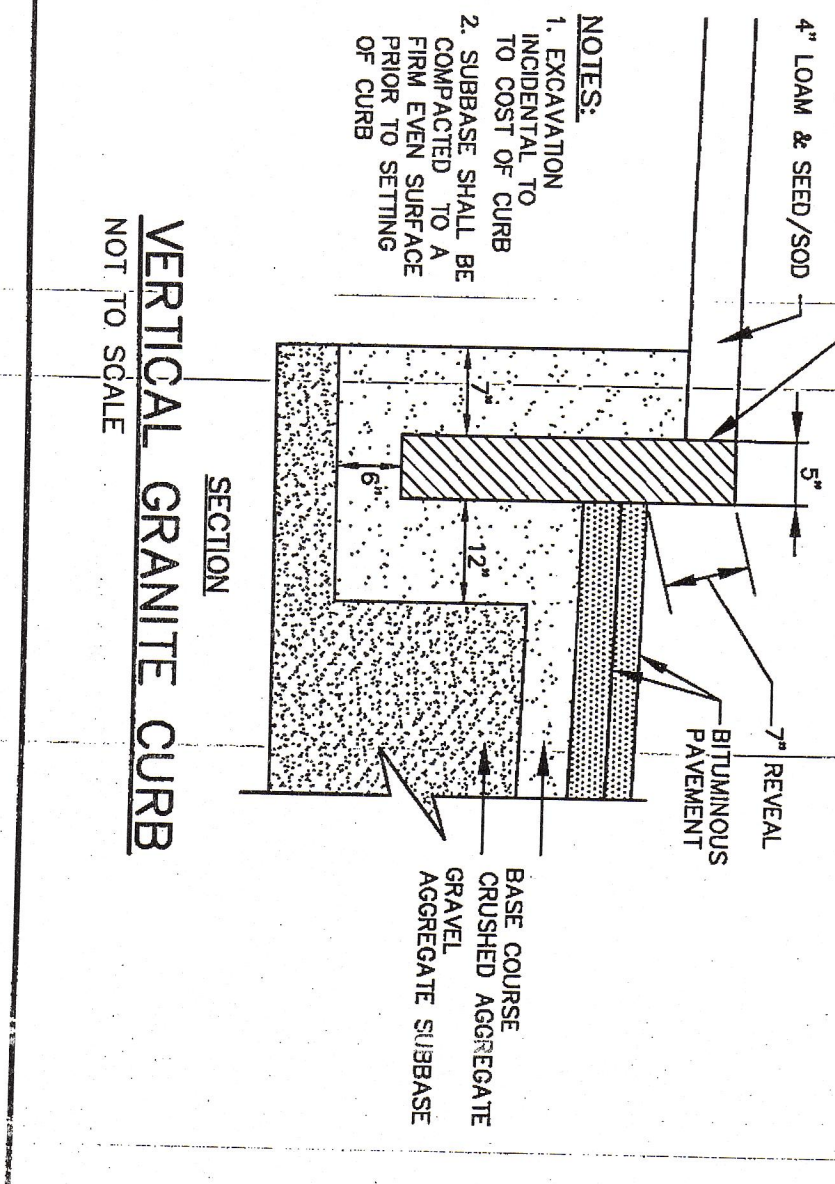
NOTE:
 INSTALL 5'-0\"/>

CONCRETE SIDEWALK AND CURB AT WESTBROOK STREET
 NOT TO SCALE



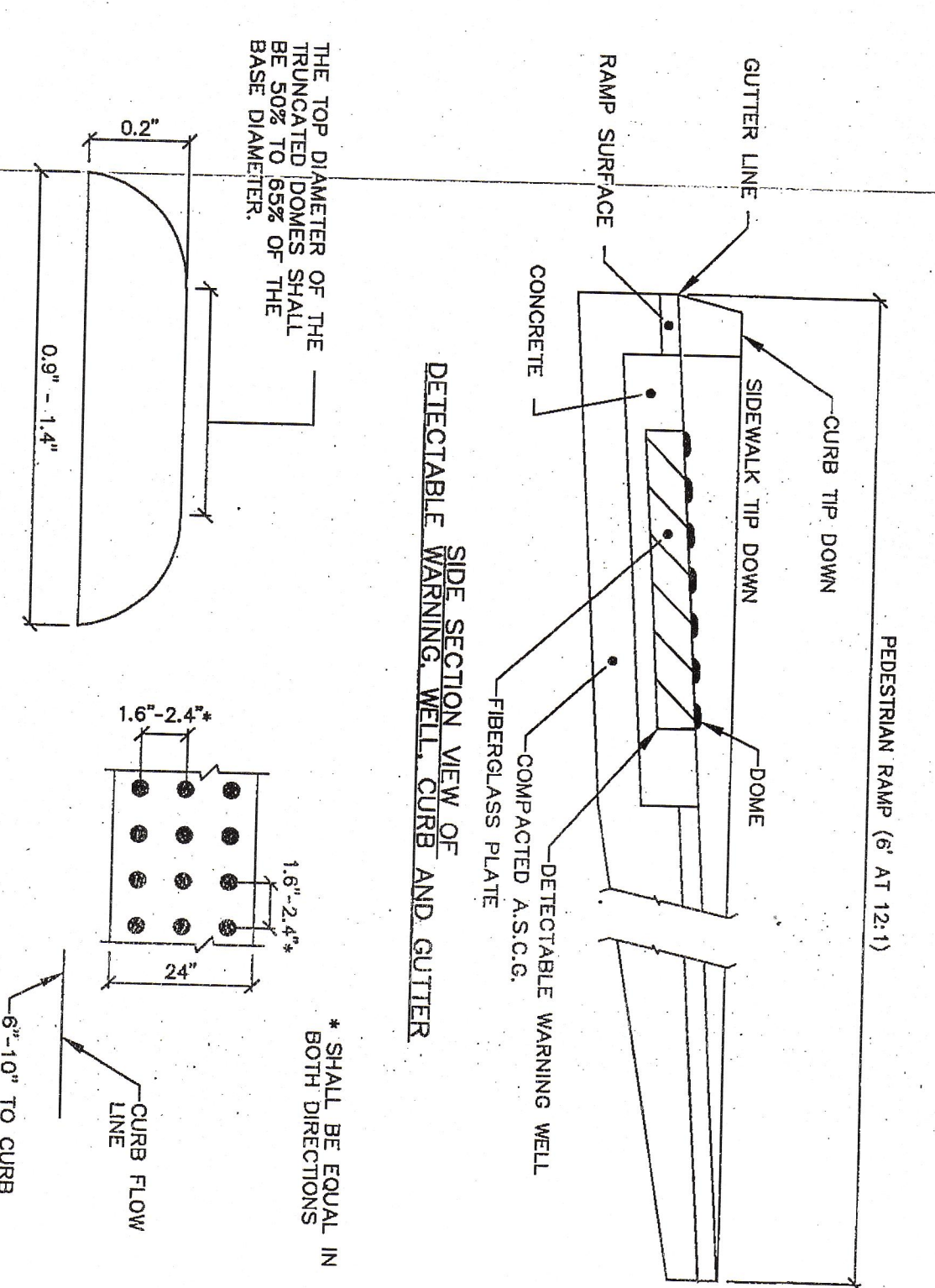
NOTES:
 1. EXCAVATION INCIDENTAL TO COST OF CURB
 2. SUBBASE SHALL BE FIRM EVEN SURFACE PRIOR TO SETTING OF CURB

BITUMINOUS SIDEWALK
 NOT TO SCALE



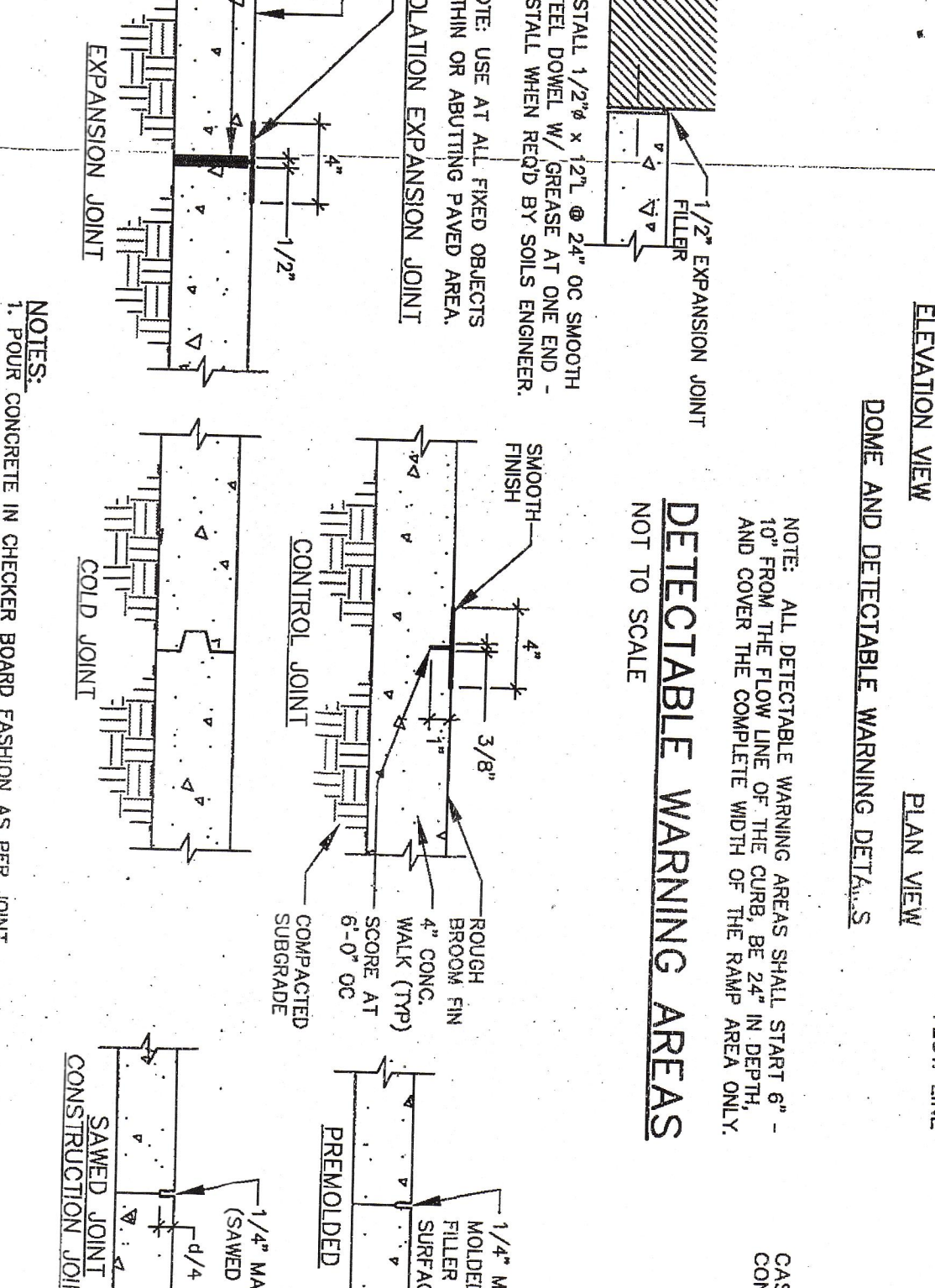
NOTES:
 1. EXCAVATION INCIDENTAL TO COST OF CURB
 2. SUBBASE SHALL BE FIRM EVEN SURFACE PRIOR TO SETTING OF CURB

VERTICAL GRANITE CURB
 NOT TO SCALE



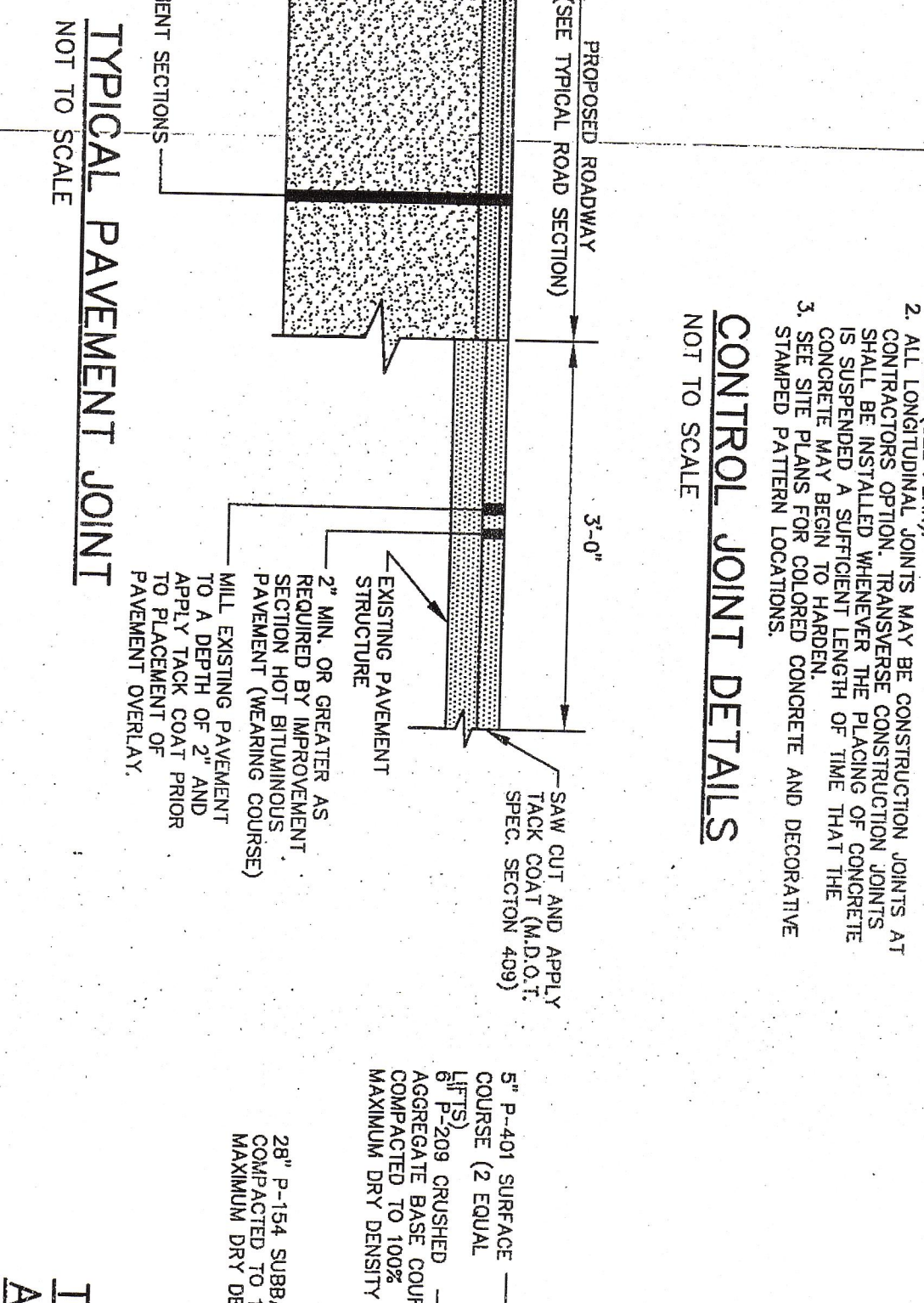
NOTE: ALL DETECTABLE WARNING AREAS SHALL START 6\"/>

DETECTABLE WARNING AREAS
 NOT TO SCALE



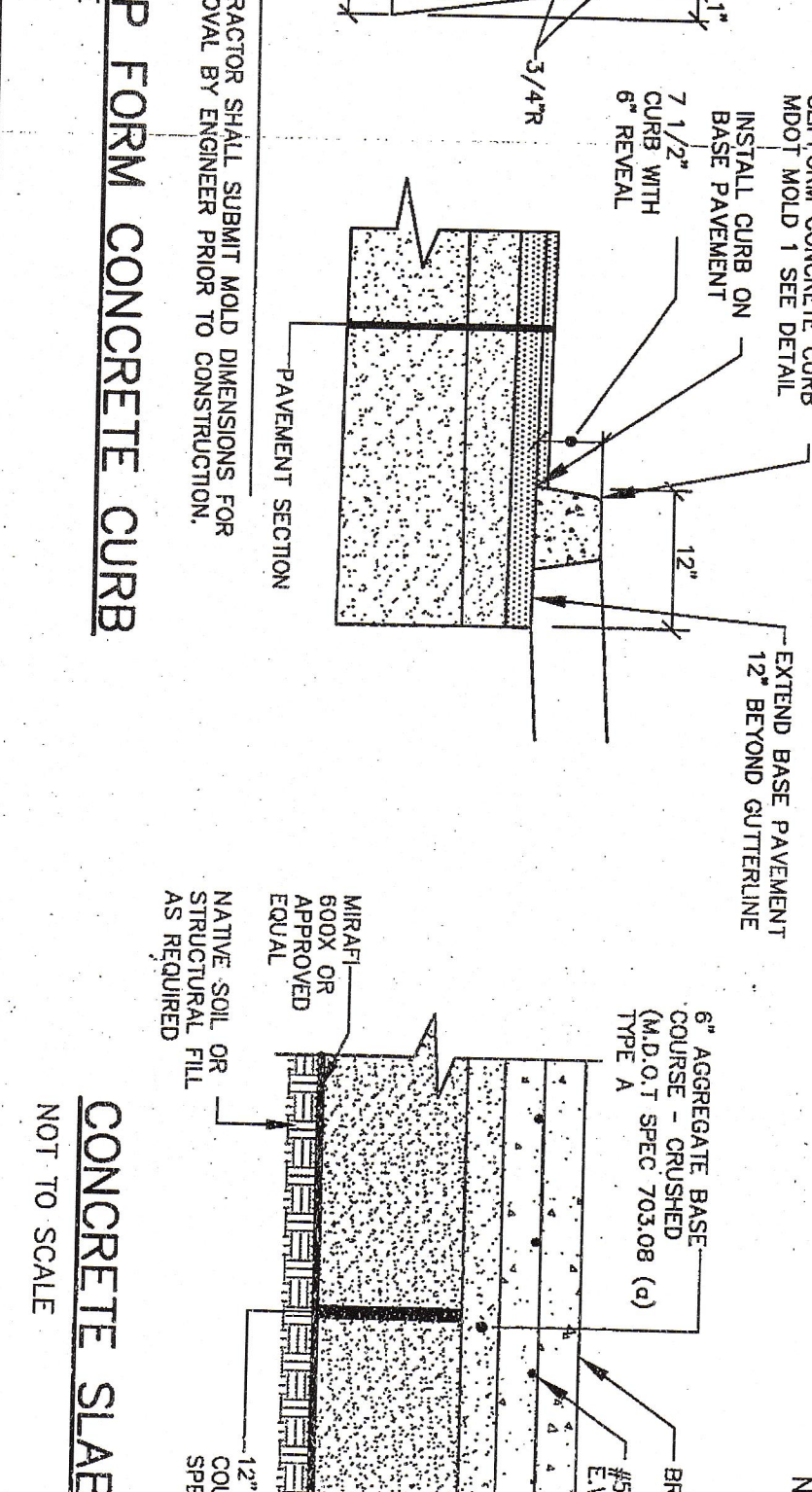
NOTES:
 1. POUR CONCRETE IN CHECKER BOARD FASHION AS PER JOINT LAYOUT (SEE PLAN)
 2. CONTRACTOR'S OPTION: TRANSVERSE CONTROL JOINTS SHALL BE INSTALLED WHENEVER THE PLACING OF CONCRETE MAY BE INTERRUPTED FOR A PERIOD OF TIME THAT THE STAMPED PATTERNS LOCATIONS.

CONTROL JOINT DETAILS
 NOT TO SCALE



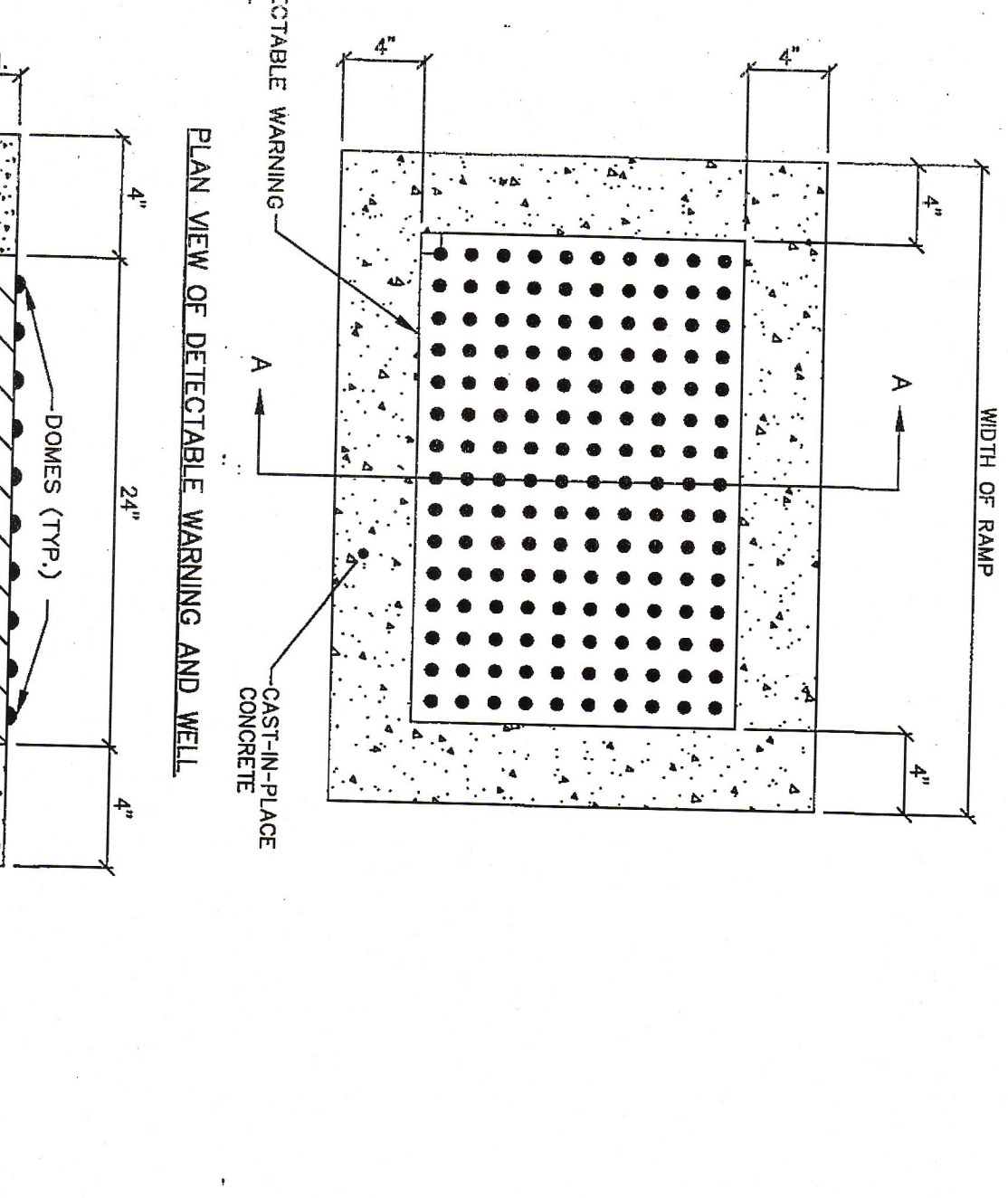
NOTE: 2\"/>

TYPICAL PAVEMENT JOINT
 NOT TO SCALE



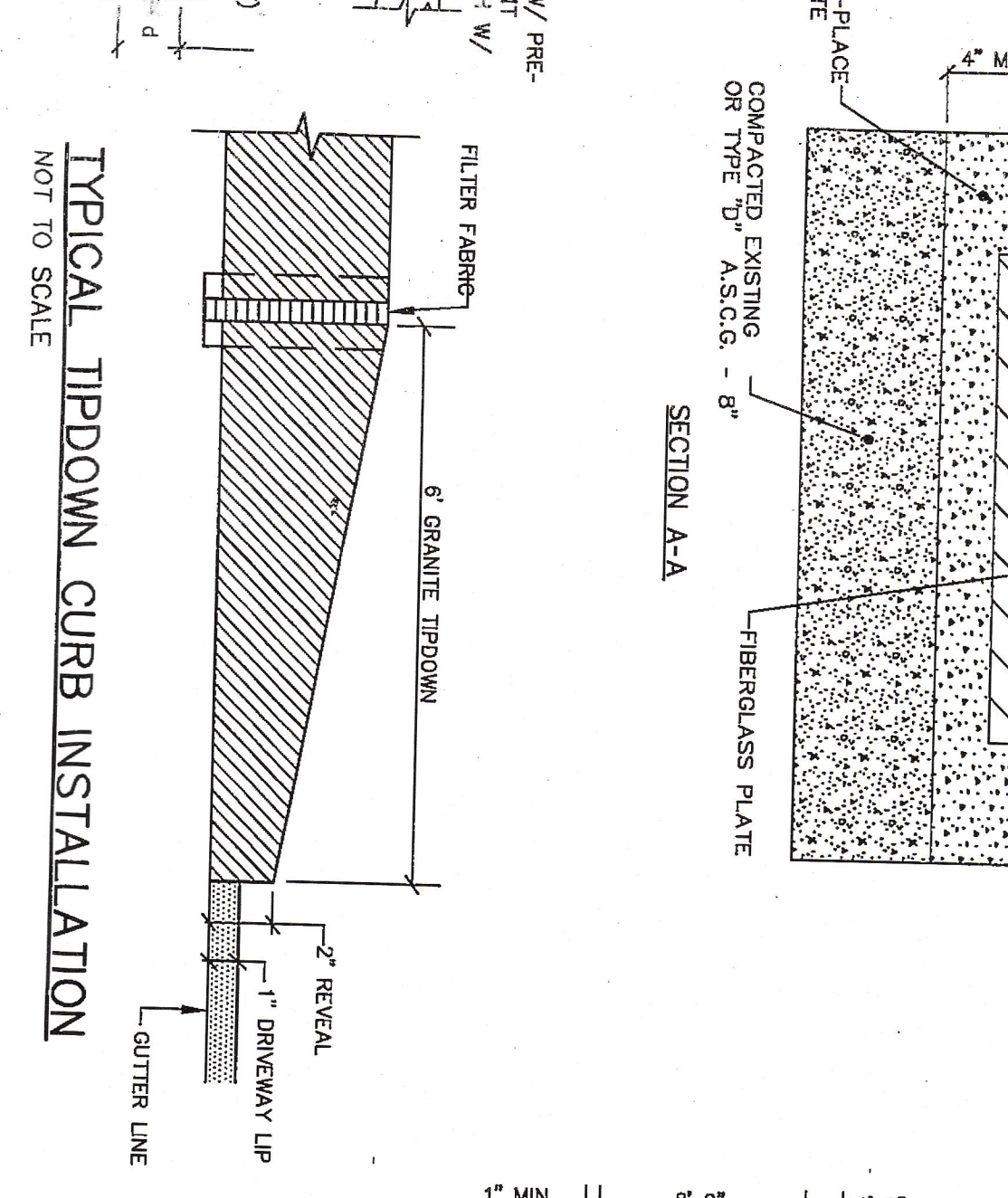
NOTES:
 1. CONTRACTOR SHALL SUBMIT JAW DIMENSIONS FOR APPROVAL BY ENGINEER PRIOR TO CONSTRUCTION

TYP. SLIP FORM CONCRETE CURB
 NOT TO SCALE



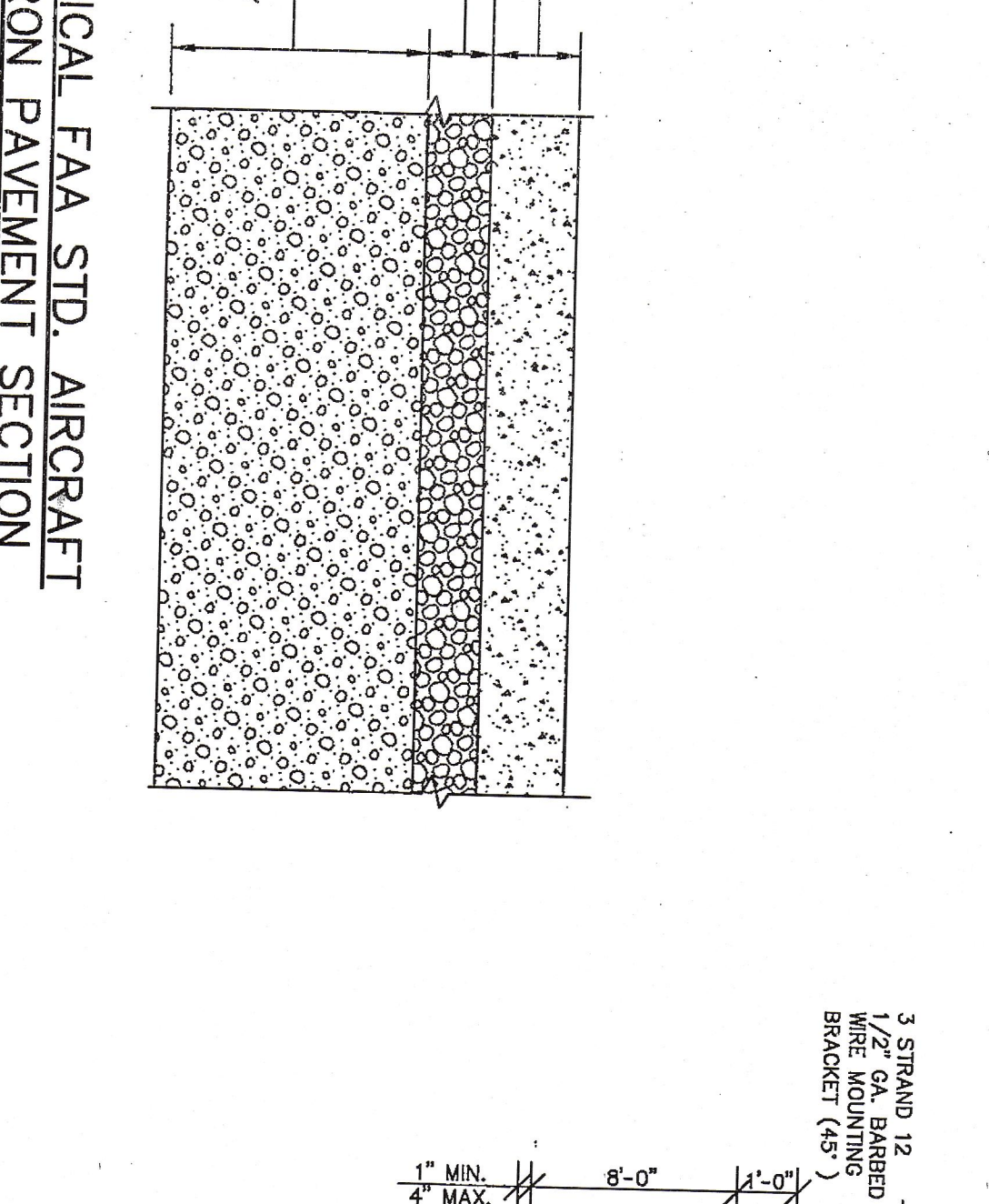
NOTE: THE TOP DIAMETER OF THE TRUNCATED DOWNS SHALL BE 50% TO 65% OF THE BASE DIAMETER.

DETECTABLE WARNING WELL CURB AND GUTTER
 NOT TO SCALE



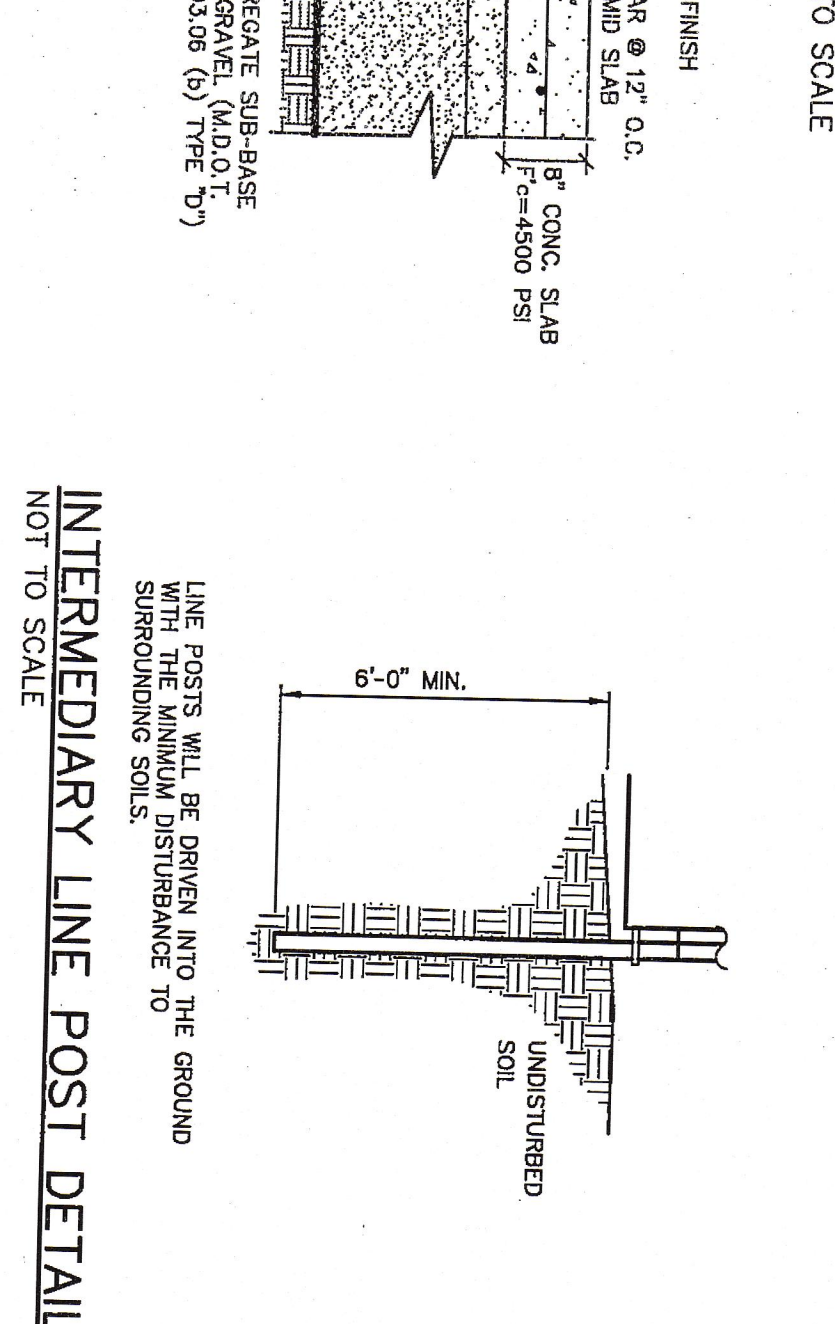
NOTE: 1/4\"/>

TYPICAL TIPDOWN CURB INSTALLATION
 NOT TO SCALE



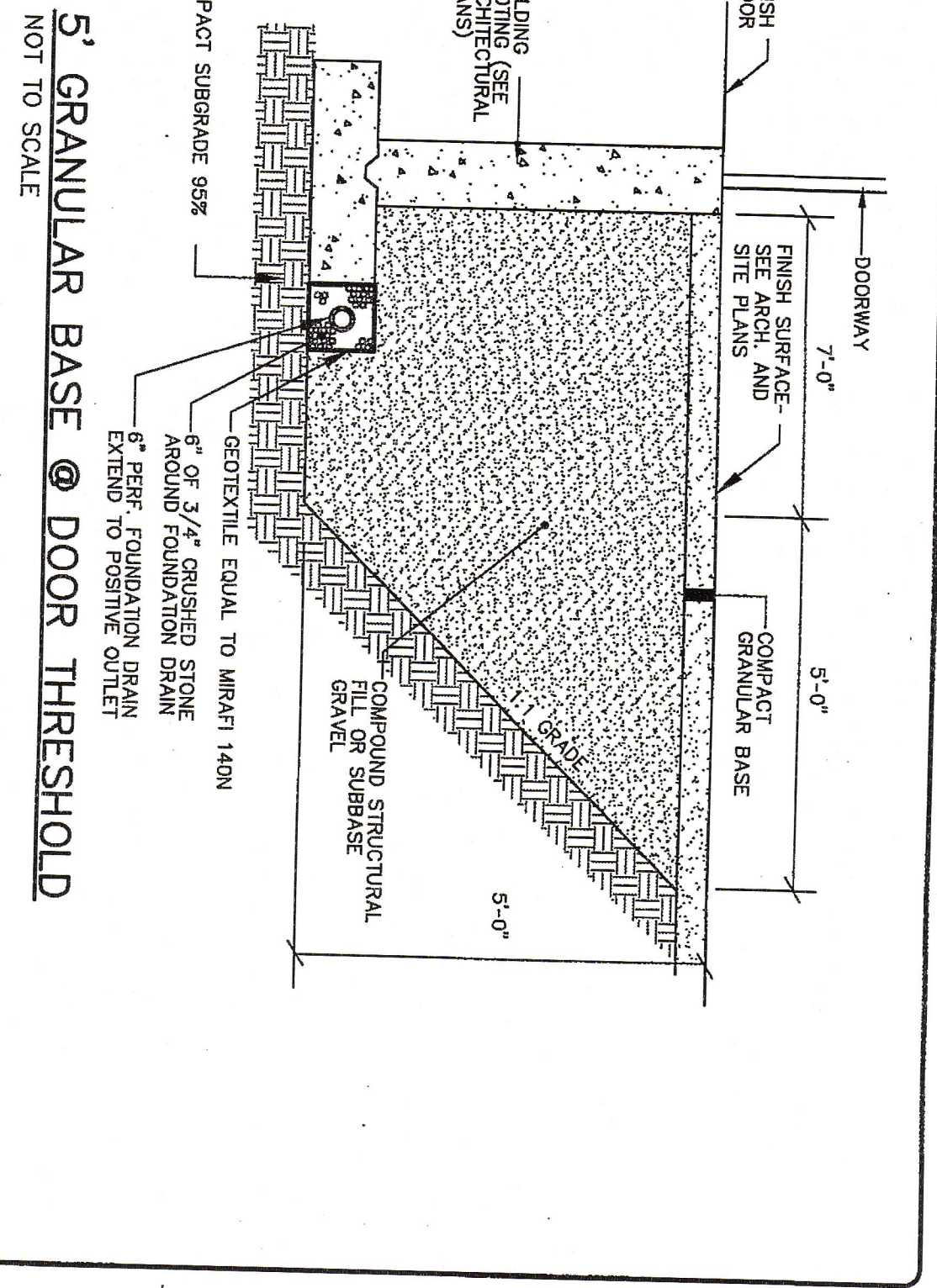
NOTE: 28\"/>

TYPICAL FAA STD. AIRCRAFT APRON PAVEMENT SECTION
 NOT TO SCALE



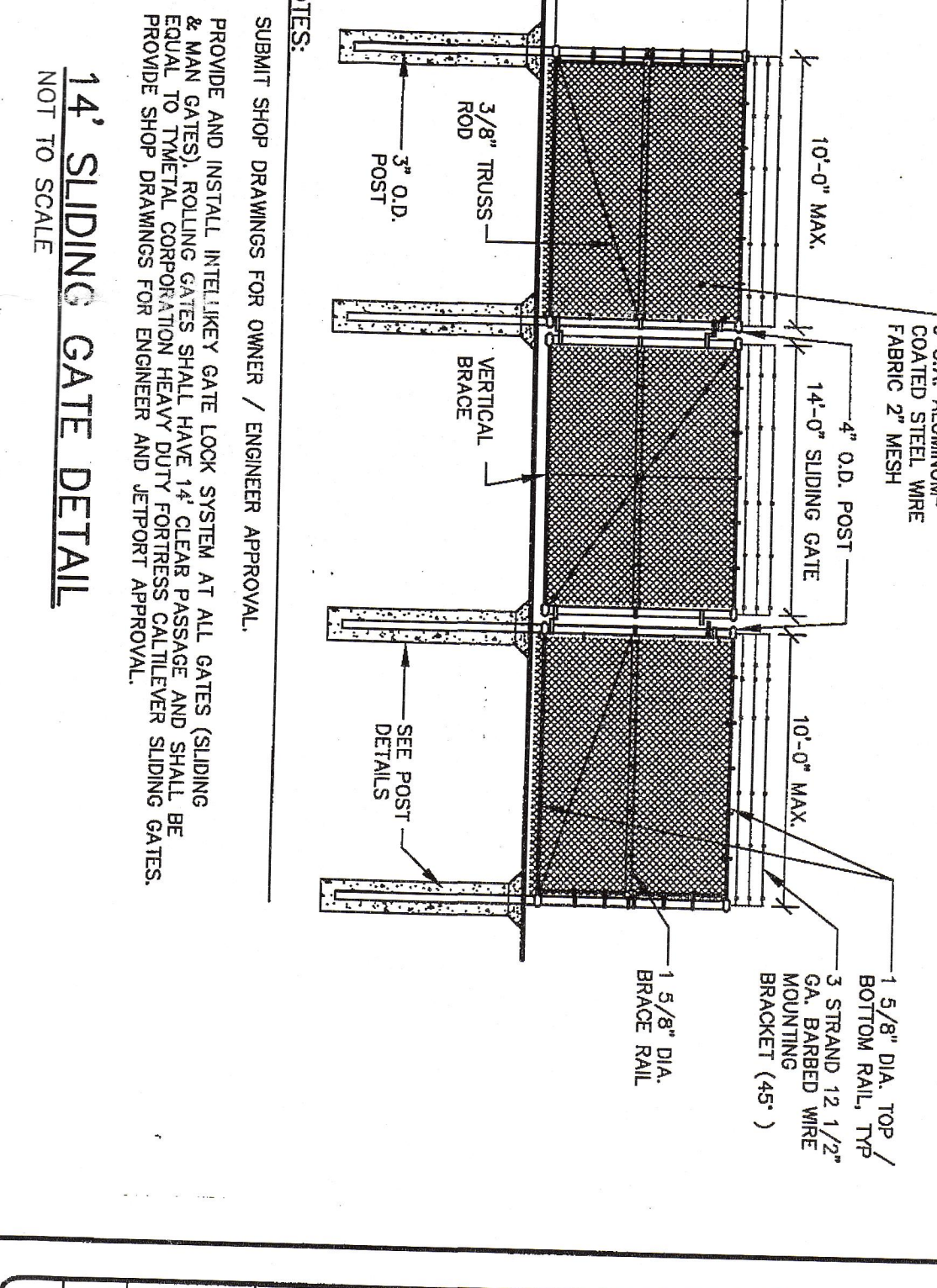
NOTE: 6\"/>

CONCRETE SLAB
 NOT TO SCALE



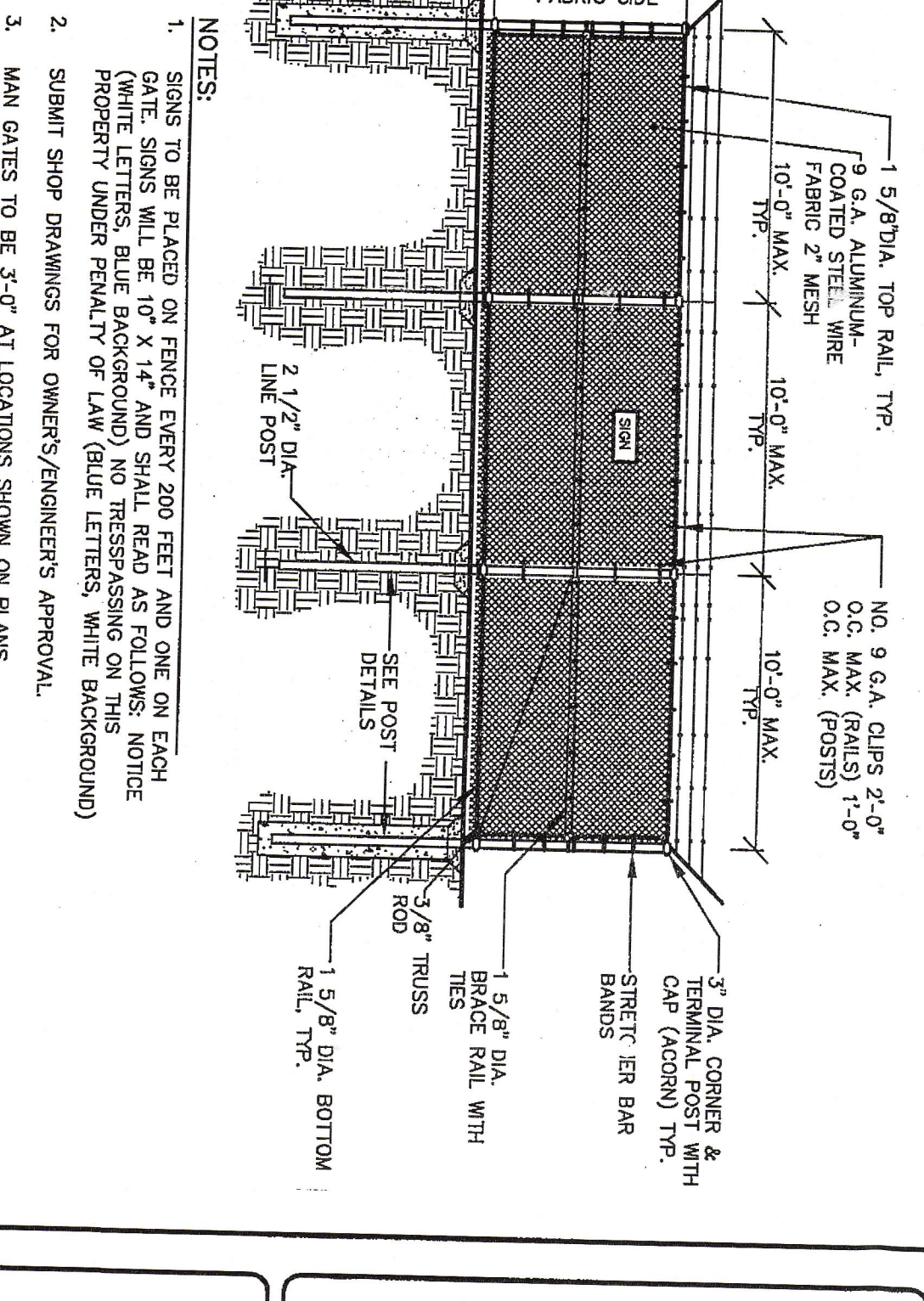
NOTE: 6\"/>

5' GRANULAR BASE @ DOOR THRESHOLD
 NOT TO SCALE



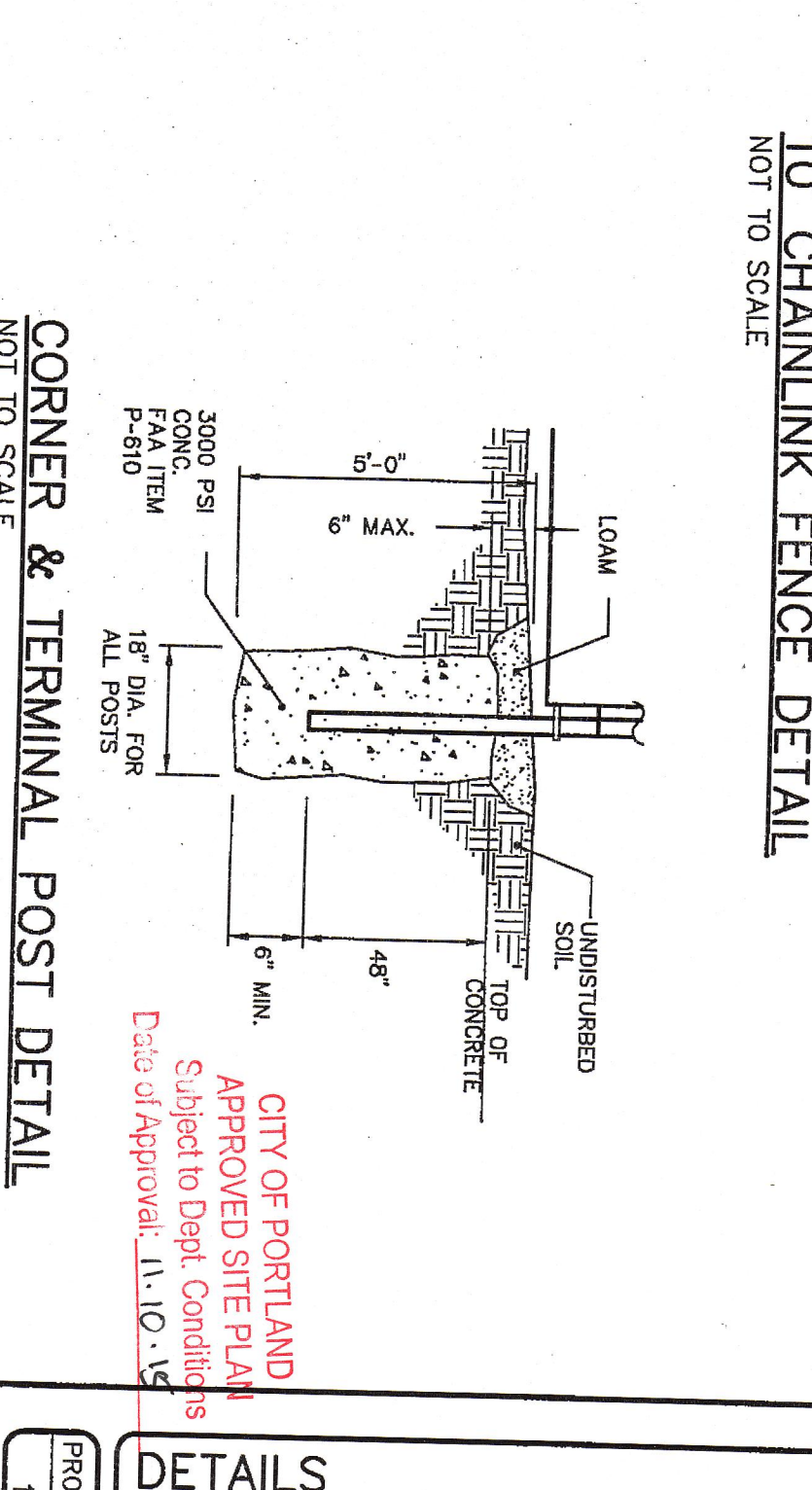
NOTES:
 1. SUBMIT SHOP DRAWINGS FOR OWNER / ENGINEER APPROVAL.
 2. PROVIDE AND INSTALL INTELLIGENT GATE LOCK SYSTEM AT ALL GATES (SLIDING & MAIN GATES). ROLLING GATES SHALL HAVE 1\"/>

14' SLIDING GATE DETAIL
 NOT TO SCALE



NOTES:
 1. SIGNS TO BE PLACED ON FENCE EVERY 200 FEET AND ONE ON EACH GATE. SIGNS SHALL BE 10\"/>

10' CHAINLINK FENCE DETAIL
 NOT TO SCALE



NOTE: LINE POSTS SHALL BE DRIVEN INTO THE GROUND WITH THE MINIMUM DISTANCE TO SURROUNDING SOILS.

CORNER & TERMINAL POST DETAIL
 NOT TO SCALE

DESIGNED	CHECKED
OAM	OAM
OAM	OAM

STATE OF MAINE
 OWEN S. MCCULLOUGH
 No. 7122
 LICENSED PROFESSIONAL ENGINEER
 CIVIL ENGINEERING

REV	DATE	STATUS
F	02-08-16	ISSUED FOR CONSTRUCTION
D	12-28-15	MISC. REVISIONS
C	12-14-15	REVISED FOR BUILDING PERMIT
B	09-30-15	REVISED PER COMMENTS
A	09-03-15	SUBMITTED TO CITY FOR SITE PLAN REVIEW

REV: BY: DATE: STATUS:
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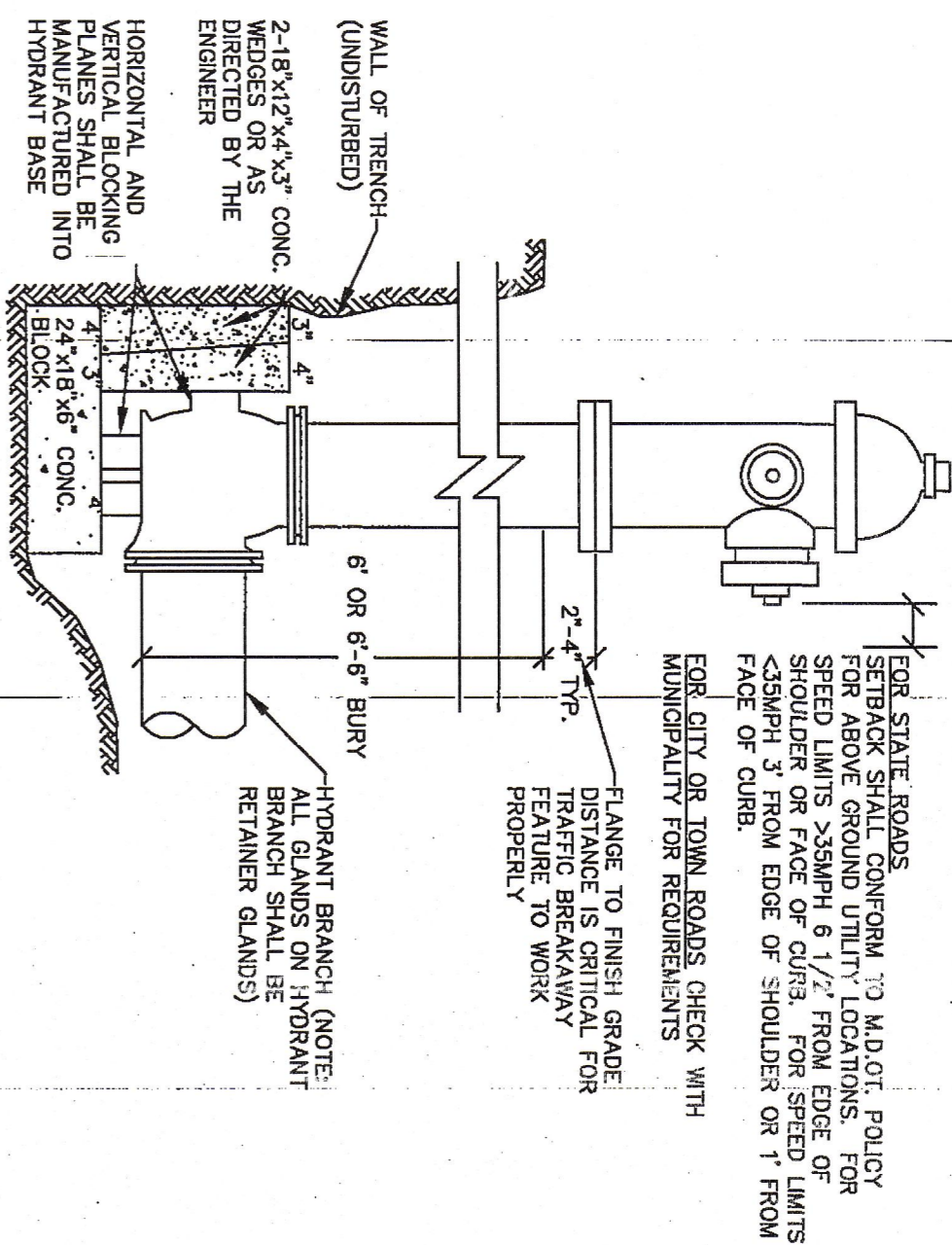
DETAILS
 OF
NORTHEAST AIR-FIXED BASE OPERATOR
 PORTLAND INTERNATIONAL JETPORT
 PORTLAND, MAINE

FOR:
NORTHEAST AIR
 1011 WESTBROOK STREET
 PORTLAND, MAINE 04102

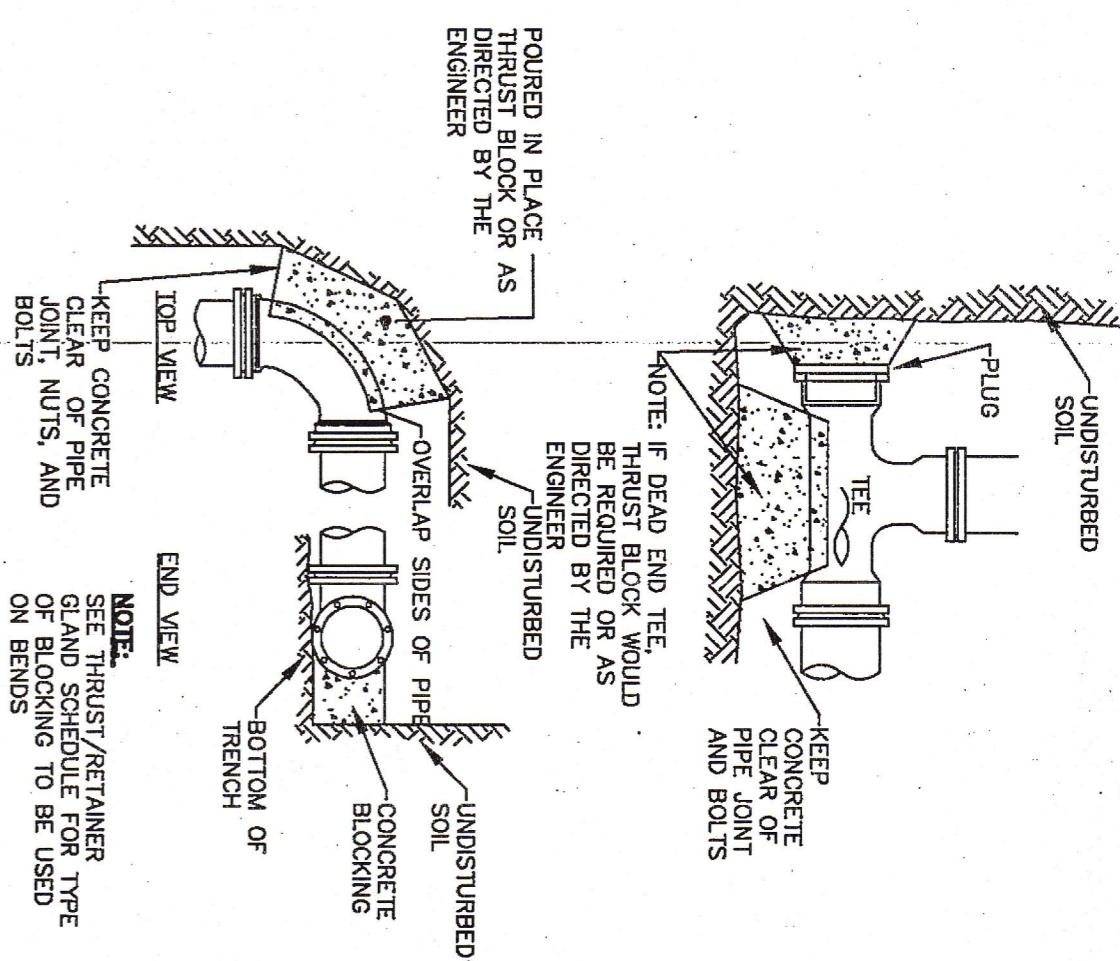
CITY OF PORTLAND
 APPROVED SITE PLAN
 Subject to Dept. Conditions
 Date of Approval: 11.10.15

SEBAGO
 WWW.SEBAGOTECHNIQS.COM
 75 John Roberts Rd. 250 Goddard Rd.
 Suite 1A Suite B
 South Portland, ME 04106 Lewiston, ME 04240
 Tel. 207-200-2100 Tel. 207-783-5656

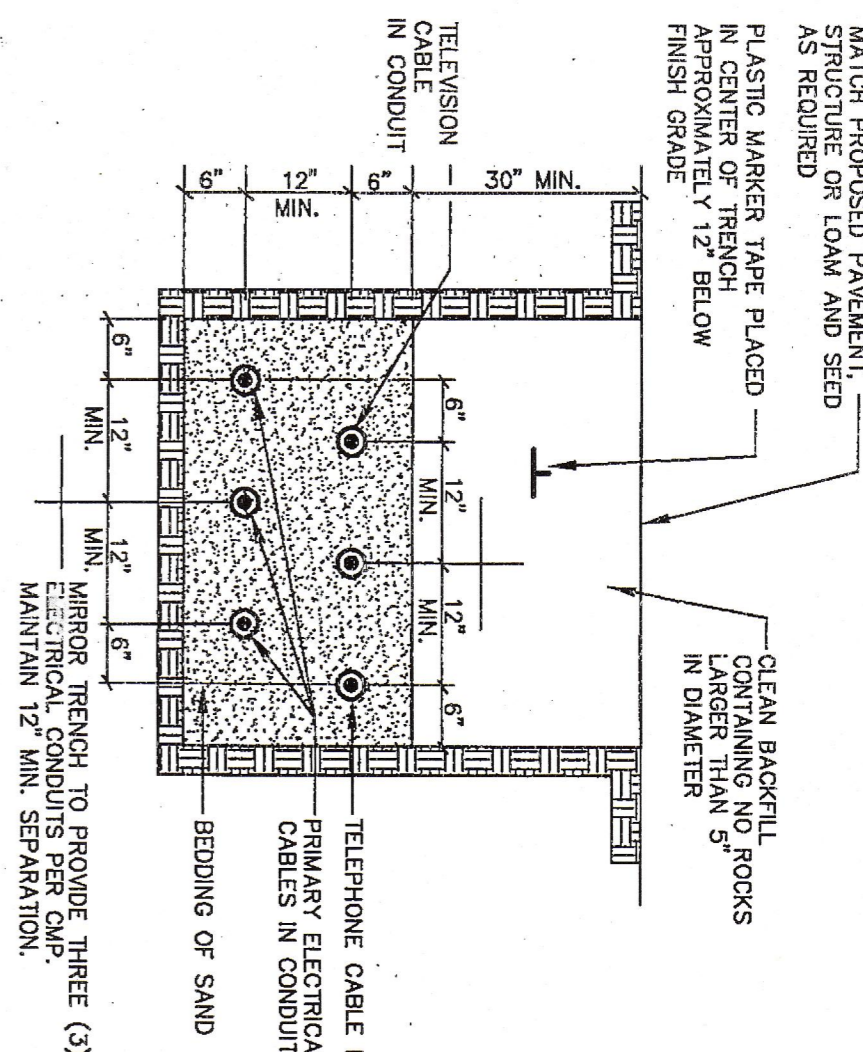
PROJECT NO. 15149
 SCALE NTS
 SHEET 7 OF 9



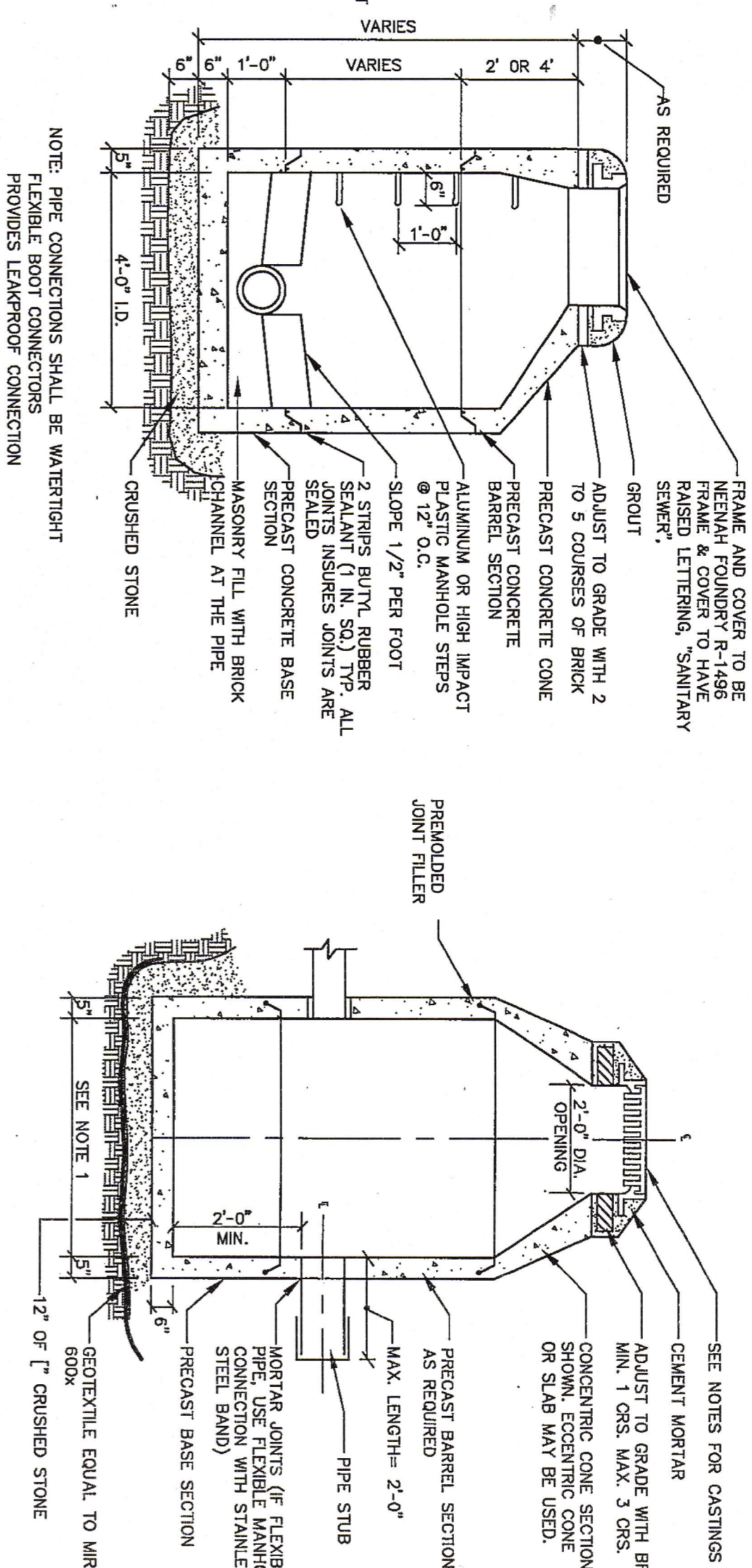
TYP. HYDRANT ASSEMBLY
NOT TO SCALE



TYPICAL UNDERGROUND
CONDUIT INSTALLATION
NOT TO SCALE



TYPICAL CATCH BASIN
NOT TO SCALE



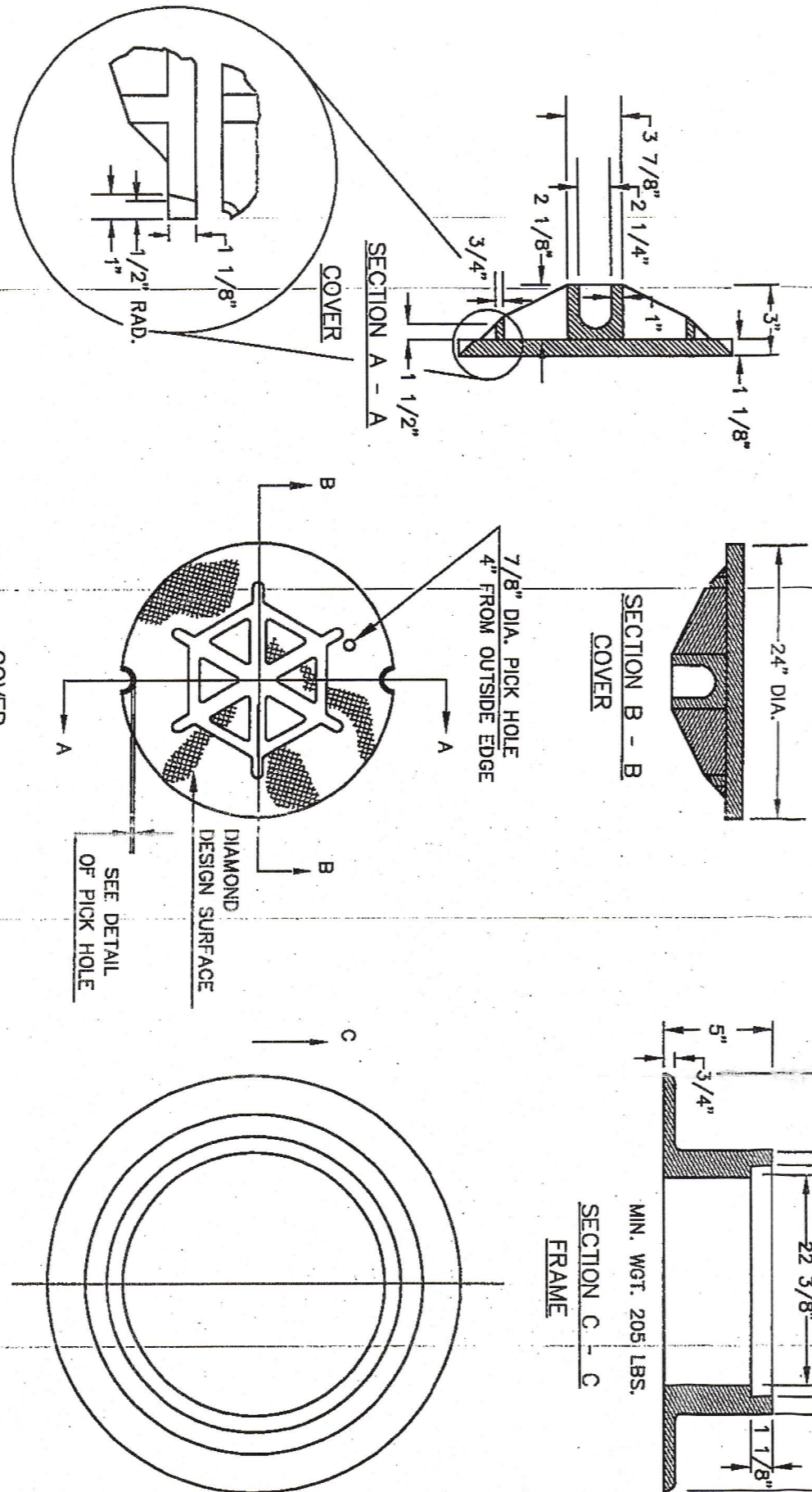
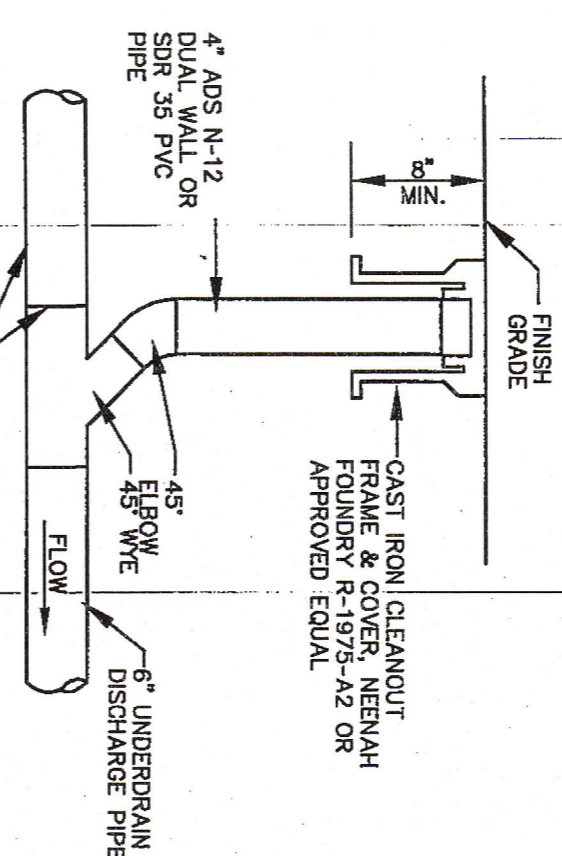
TYPICAL TRENCH SECTION
NOT TO SCALE

CONCRETE THURST BLOCK SIZE REQUIREMENTS:

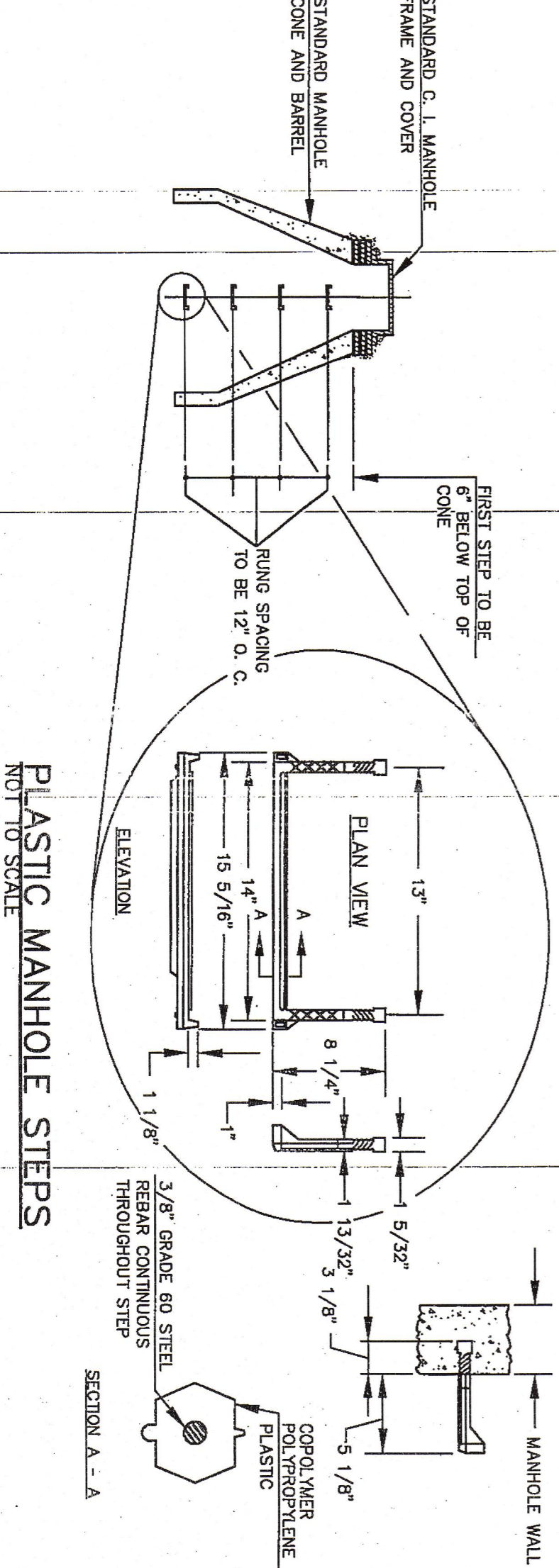
SO. FT. OF BEARING ON UNDISTURBED SOIL	90° BENDS	45° BENDS	TEES AND FLUES
0'-0"	6"	4.0"	2.0"
1'-0"	6"	4.0"	3.0"
2'-0"	8.0"	4.0"	6.0"
3'-0"	15"	10"	10"

TEE & BEND DETAIL
NOT TO SCALE

UNDERDRAIN CLEANOUT
NOT TO SCALE

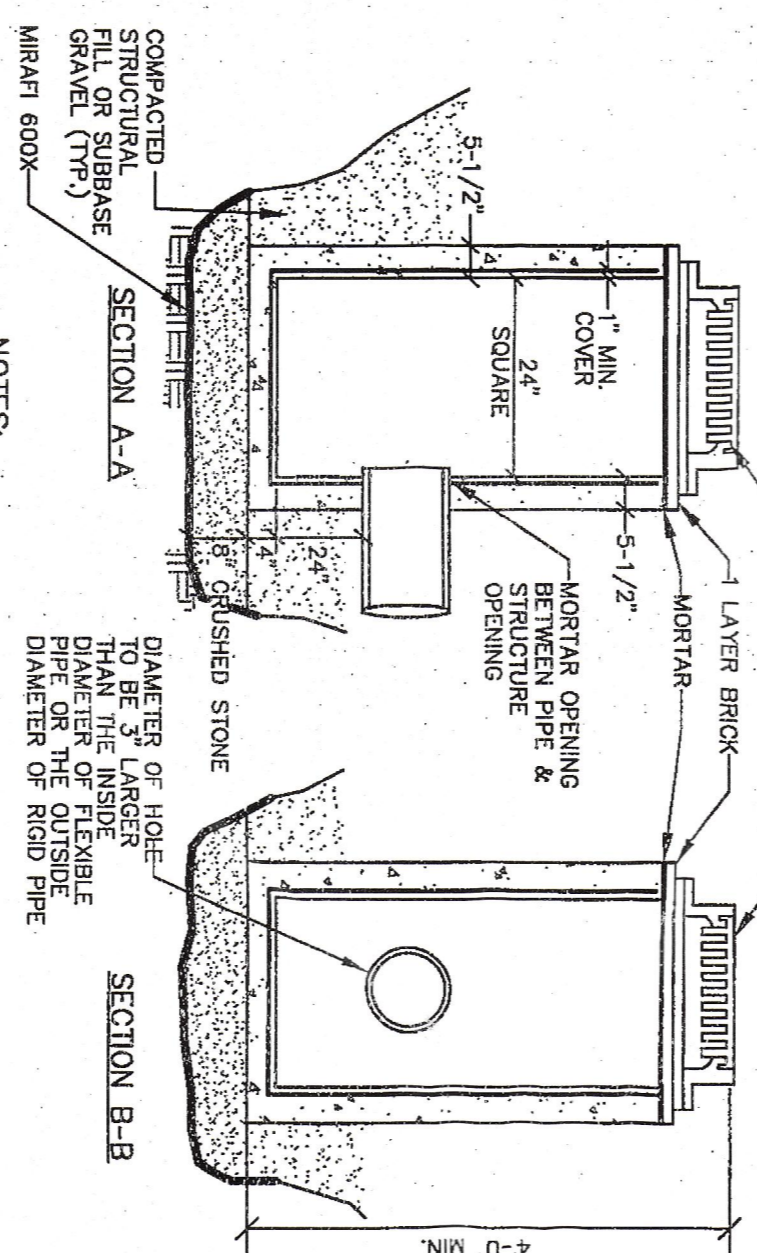


TYPE "A" CAST IRON MANHOLE COVER AND FRAME
NOT TO SCALE



PLASTIC MANHOLE STEPS
NOT TO SCALE

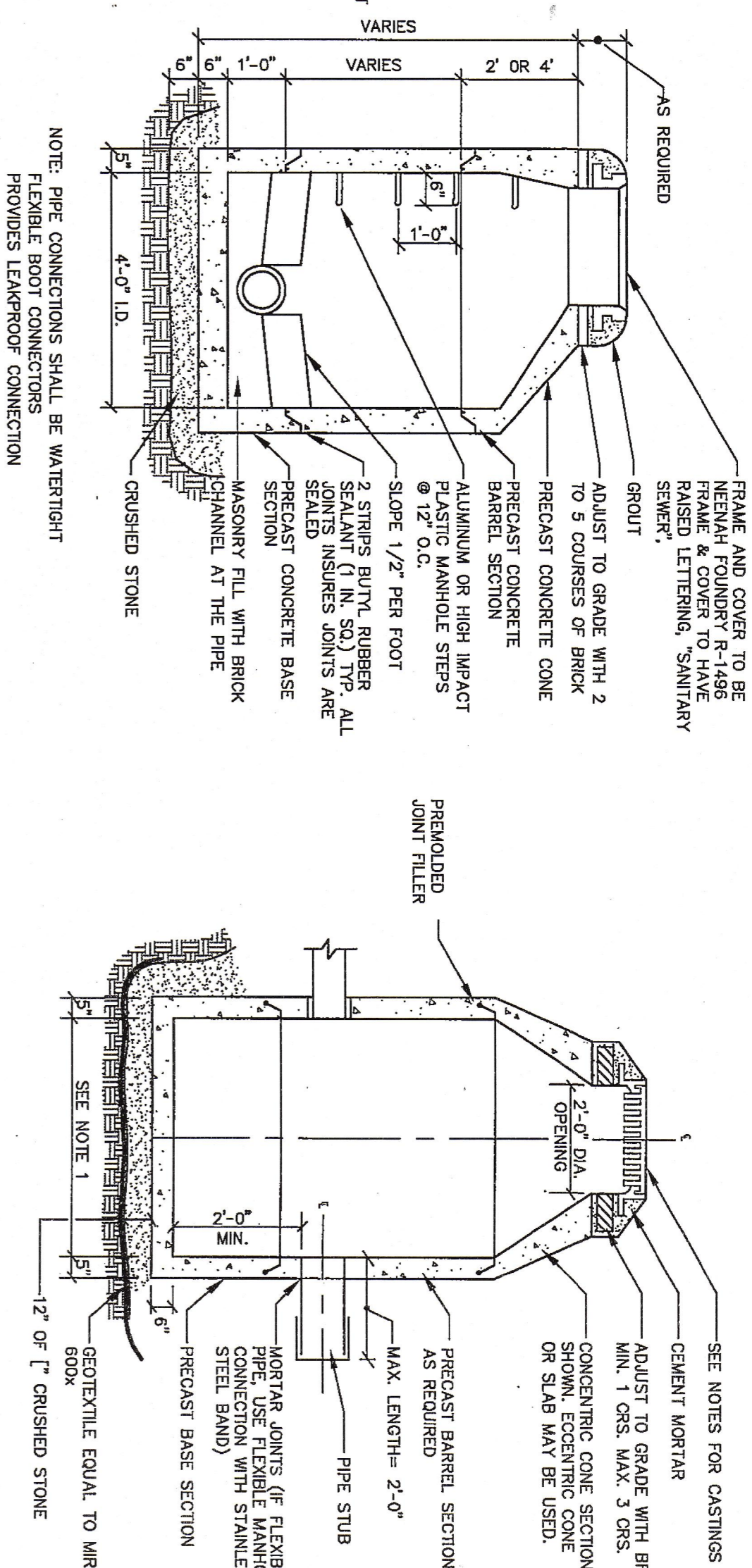
TYP. TYPE "F" CATCH BASIN
NOT TO SCALE



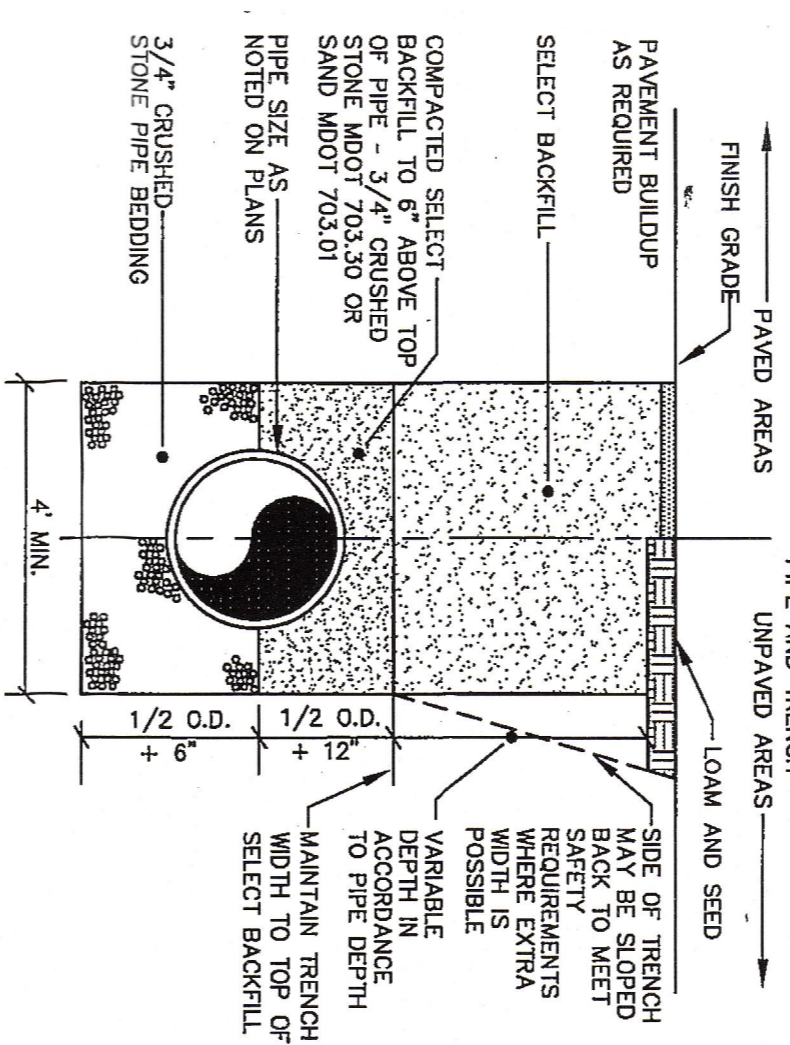
GENERAL NOTES FOR MANHOLES

1. ALL CONCRETE SHALL BE CLASS "A" AND HAVE A MINIMUM ULTIMATE COMPRESSIVE STRENGTH OF 4000 PSI PER SQ. INCH AT THE END OF 28 DAYS, UNLESS OTHERWISE NOTED.
2. PRECAST REINFORCED CONCRETE MANHOLE MANUFACTURED PER ASTM SPEC. C-478-67
3. SEWER BRICK SHALL CONFORM TO ASTM SPEC. DESIGNATE ON C-32-63, GRADE 1A AND 5A.
4. ALL MANHOLES SHALL HAVE A BITUMINOUS WATERPROOFING APPLIED TO THE EXTERIOR SURFACE. IF CONSTRUCTED OF BRICK MASONRY, SURFACE SHALL BE PLASTERED WITH A SMOOTH MORTAR FINISH 3/8" THICK. AFTER THE MORTAR HAS SET, THE SURFACE SHALL BE WATERPROOFED AS REQUIRED BY SUPPLEMENTAL SPECIFICATIONS SECTION 004.
5. CASTINGS SHALL CONFORM TO ASTM DESIGNATION A48-CLASS 35. ALL PARTS OF CASTINGS, EXCEPT FINISHED SURFACE, SHALL RECEIVE A COAT OF COAL TAR PITCH VARNISH OR ASPHALTUM PAINT WHICH SHALL BE SMOOTH AND TIGHT BUT NOT BRITTLE.
6. MANHOLES MAY BE CONSTRUCTED OF MASONRY, PRECAST REINFORCED CONCRETE OR CAST IN PLACE.
7. ALL PRECAST MANHOLES AND CATCH BASINS SHALL BE IDENTIFIED BY STATION AND OFFSET PAINTED ON ASPHALTUM PAINT WHICH SHALL BE SMOOTH AND TIGHT BUT NOT BRITTLE.
8. STORM AND SEWER MANHOLES SHALL HAVE SLOD COVERS WITH ONE BRIDLED PICK HOLE.

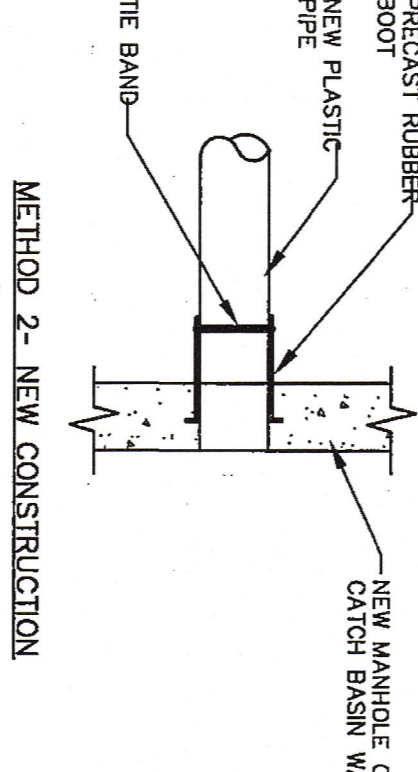
PRECAST MANHOLE
NOT TO SCALE



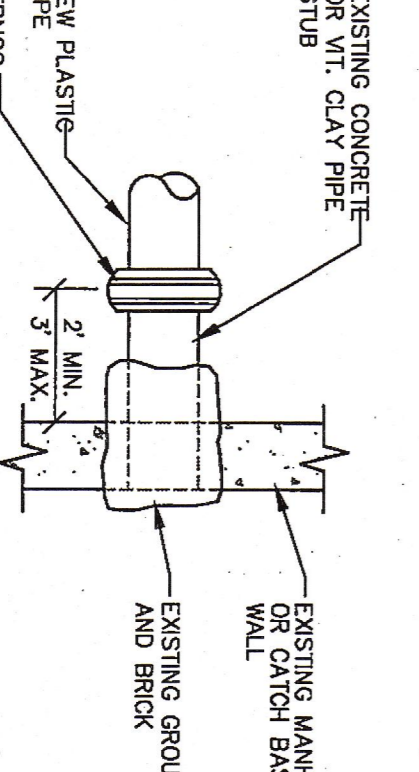
TYPICAL TRENCH SECTION
NOT TO SCALE



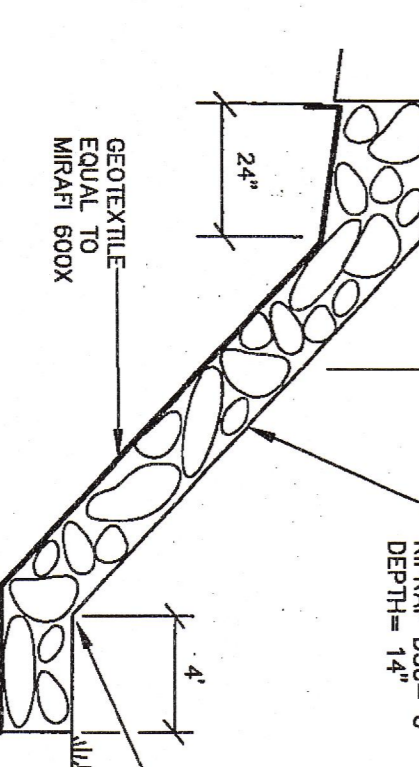
METHOD 1- EXISTING PIPE INTO NEW STRUCTURE



METHOD 2- NEW CONSTRUCTION

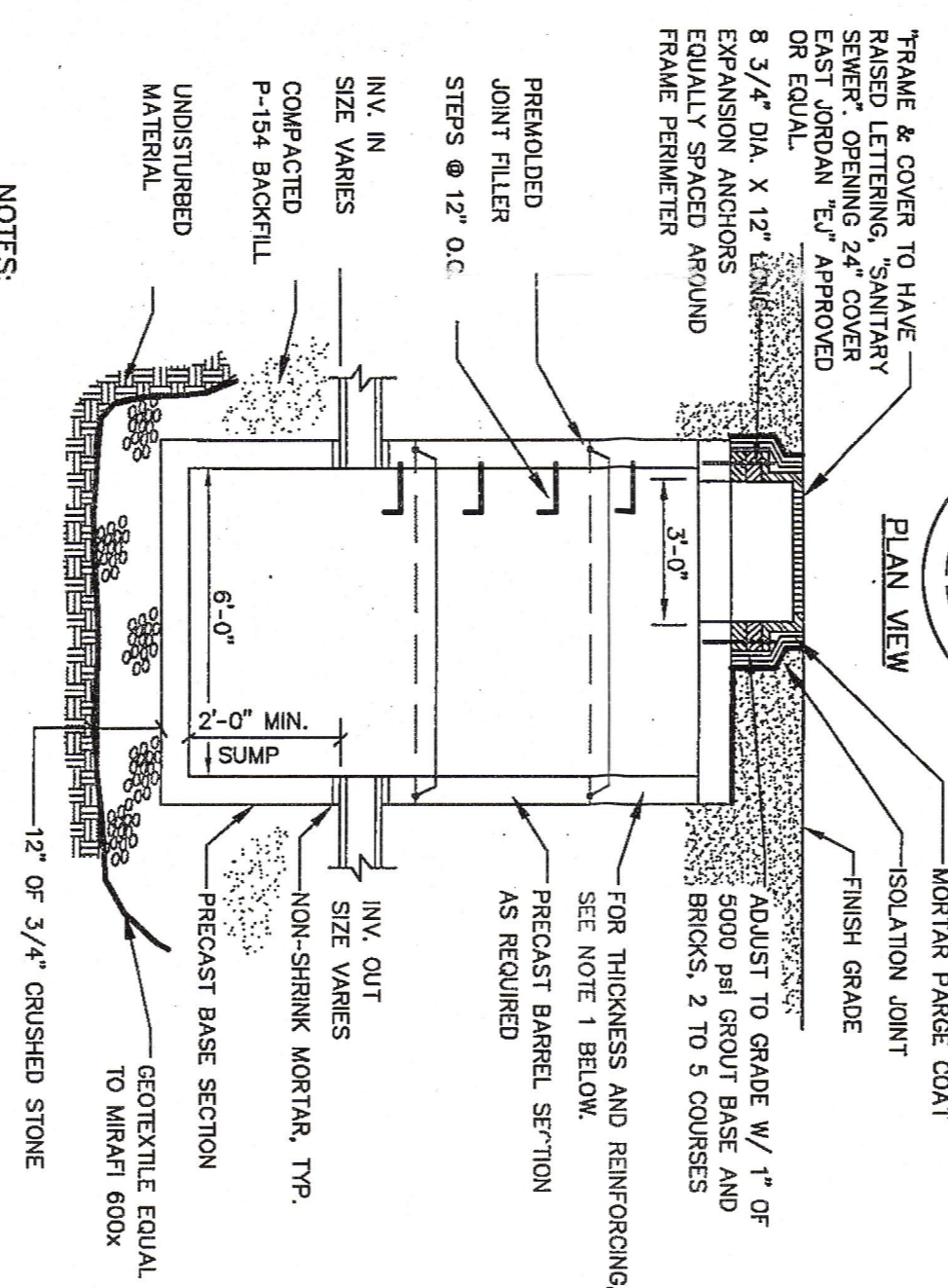


PLASTIC PIPE CONNECTIONS
NOT TO SCALE



SIDE SLOPE RIPRAP
NOT TO SCALE

TYPICAL MANHOLE-AIRCRAFT APRON
NOT TO SCALE

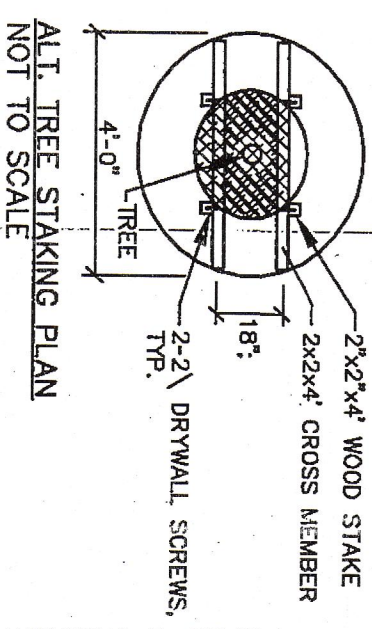


TYPICAL MANHOLE-AIRCRAFT APRON
NOT TO SCALE

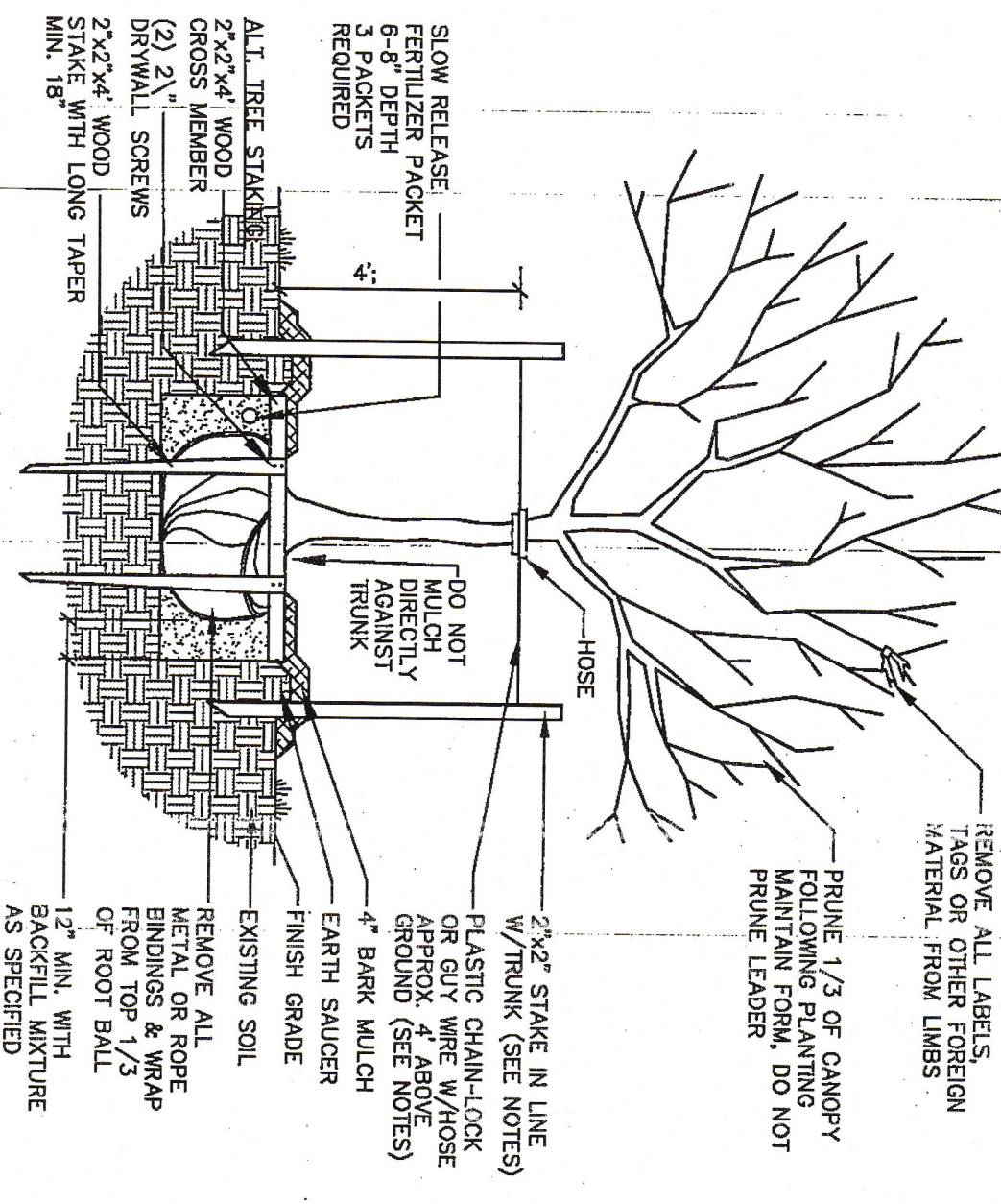
CITY OF PORTLAND
APPROVED SITE PLAN
Subject to Dept. Conditions
Date of Approval: 11.10.15

SHEET 8 OF 9	PROJECT NO. 15149	SCALE NTS	<p>DETAILS OF:</p> <p>NORTHEAST AIR-FIXED BASE OPERATOR</p> <p>PORTLAND INTERNATIONAL JETPORT</p> <p>PORTLAND, MAINE</p> <p>FOR:</p> <p>NORTHEAST AIR</p> <p>1011 WESTBROOK STREET</p> <p>PORTLAND, MAINE 04102</p>	<p>SEBAGO</p> <p>WWW.SEBAGOTECHNICS.COM</p> <p>75 John Roberts Rd. Suite 1A South Portland, ME 04106 Tel. 207-200-2100</p> <p>250 Goddard Rd. Suite B Lewiston, ME 04240 Tel. 207-783-5656</p>	<p>DESIGNED: OAM</p> <p>CHECKED: OAM</p> <p>ISSUED FOR CONSTRUCTION: 02-08-16</p> <p>MISC. REVISIONS: 12-28-15</p> <p>REVISED FOR BUILDING PERMIT: 12-14-15</p> <p>REVISED PER COMMENTS: 09-30-15</p> <p>REMITTED TO CITY FOR SITE PLAN REVIEW: 09-03-15</p> <p>REV: BY: DATE: STATUS:</p>	<p>STATE OF MAINE</p> <p>OWENS</p> <p>McCULLOUGH</p> <p>No. 7122</p> <p>REGISTERED PROFESSIONAL ENGINEER</p> <p>11/10/15</p>
			<p>THIS PLAN SHALL NOT BE MODIFIED WITHOUT WRITTEN PERMISSION FROM SEBAGO TECHNIQS, INC. ANY ALTERATIONS, AUTHORIZED OR OTHERWISE, SHALL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO SEBAGO TECHNIQS, INC.</p>			

LANDSCAPE NOTES



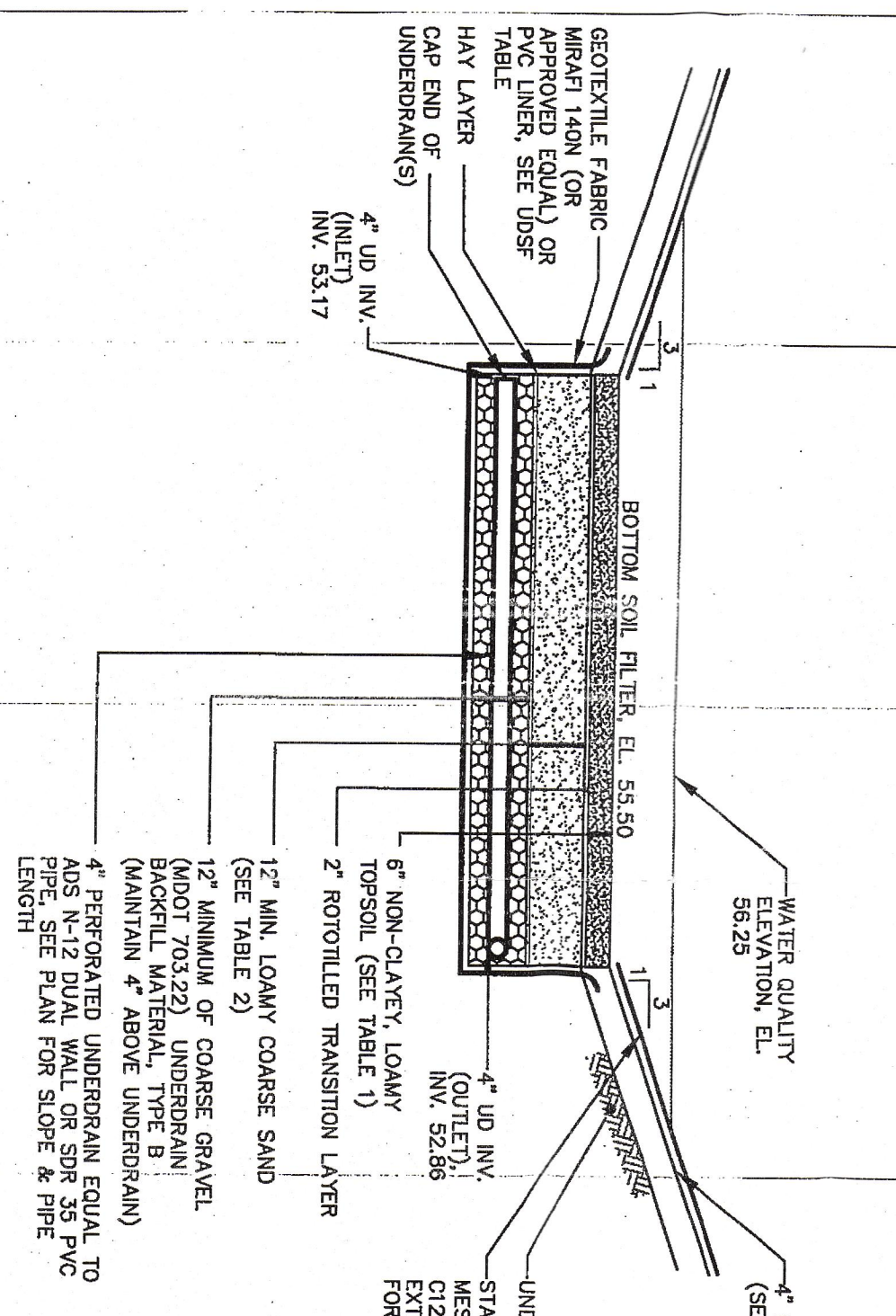
1. PLANT QUANTITIES SHOWN ON PLANT LISTS ARE FOR CONVENIENCE TO THE CONTRACTOR. THE CONTRACTOR SHALL VERIFY THE QUANTITY AND SPECIES OF PLANT MATERIAL TO BE INSTALLED AS SHOWN ON PLANS.
2. SIZE AND GRADING STANDARDS OF PLANT MATERIALS SHALL CONFORM TO THE LATEST EDITION OF U.S.A. STANDARDS FOR NURSERY STOCK, BY THE AMERICAN ASSOCIATION OF NURSERYMEN, INC.
3. ALL PLANT MATERIAL SHALL BE FREE FROM INSECTS AND DISEASE.
4. ALL PLANTING SHALL BE DONE IN ACCORDANCE WITH ACCEPTABLE PRACTICES. THE CONTRACTOR SHALL PROVIDE PROPER PLANTING MIX, WRAPPING, SPRAYING, FERTILIZATION, PLANTING AND ADEQUATE MAINTENANCE UNTIL ACCEPTANCE BY THE OWNER.
5. PLANT MATERIAL SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR BY THE CONTRACTOR AND TWO YEARS THEREAFTER BY THE OWNER. DEAD PLANT MATERIAL SHALL BE REPLACED AT NO COST TO THE OWNER AT THE END OF THE ONE YEAR PERIOD. THE CONTRACTOR SHALL OBTAIN FINAL ACCEPTANCE FROM THE OWNER.
6. ALL PLANTING AREAS PRIOR TO PLANTING.
7. EXISTING TREES TO BE PRESERVED WILL BE PROTECTED DURING CONSTRUCTION.
8. THE LANDSCAPE CONTRACTOR IS ADVISED OF THE PRESENCE OF THE EXISTING UTILITIES AND SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF SAME BEFORE COMMENCING AND MARKING OF UTILITIES, PAVING, ADDITIONAL CURBS, ETC. DAMAGE TO EXISTING UTILITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
9. ALL SHRUB BEDS SHALL BE MULCHED WITH 3" CLEAN SHREDED BARK MULCH.
10. THE CONTRACTOR SHALL PROVIDE 4" LOAM FOR ALL AREAS TO BE SOILED OR SEEDING PLANTING AREAS SHALL RECEIVE 12" ROLLED SUBGRADE PREPARATION WITH THE GENERAL CONTRACTOR PRIOR TO PLACING LOAM.
11. ANY DEMAND FROM THE LANDSCAPE ARCHITECT (L.A.) AND MUNICIPAL AUTHORITY, IF APPLICABLE, PRIOR TO INSTALLATION ON SITE.
12. WHERE INDICATED ON PLAN, PLANTING SOIL MIXTURE FOR PERENNIAL AND TWO PLANTS SHALL BE 40% TOPSOIL, 40% SAND, 10% COMPOST, 10% PERLITE BY VOLUME. PLANT MIXTURE MAY BE SUBSTITUTED WITH WELL-ROTTED OR DECOMPOSED MANURE OR COMPOST. ROTOLOTTED BEDS TO A DEPTH OF 8" MINIMUM.



- NOTES:**
1. THE TREE IS OF SUBSTANTIAL SIZE.
 2. THE PLANTING LOCATION IS EXTREMELY WINDY, AS ON OPEN.
 3. THE PLANTING LOCATION IS COMPRESSED OF SAND OR OTHER LOOSE TEXTURED SOILS.
 4. IF STAKES AND GUYS ARE REQUIRED, REMOVE AFTER ONE YEAR TIME.

DECIDUOUS TREES 2" TO 4" CALIPER

NOT TO SCALE



- NOTES:**
1. THE TREE IS OF SUBSTANTIAL SIZE.
 2. THE PLANTING LOCATION IS EXTREMELY WINDY, AS ON OPEN.
 3. THE PLANTING LOCATION IS COMPRESSED OF SAND OR OTHER LOOSE TEXTURED SOILS.
 4. IF STAKES AND GUYS ARE REQUIRED, REMOVE AFTER ONE YEAR TIME.

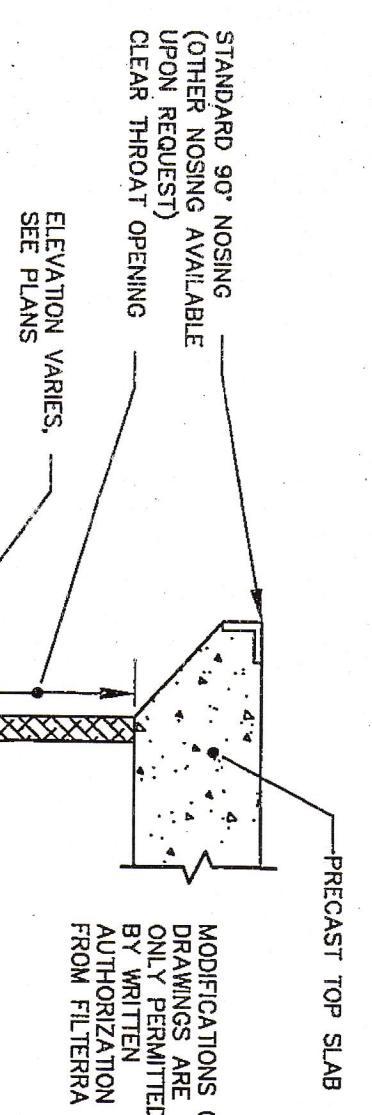
TABLE 1

NON-CLAYEY, LOAMY TOPSOIL	% PASSING BY WEIGHT
#10	60-90
#40	35-65
#200	5-15
#420	0-5

TABLE 2

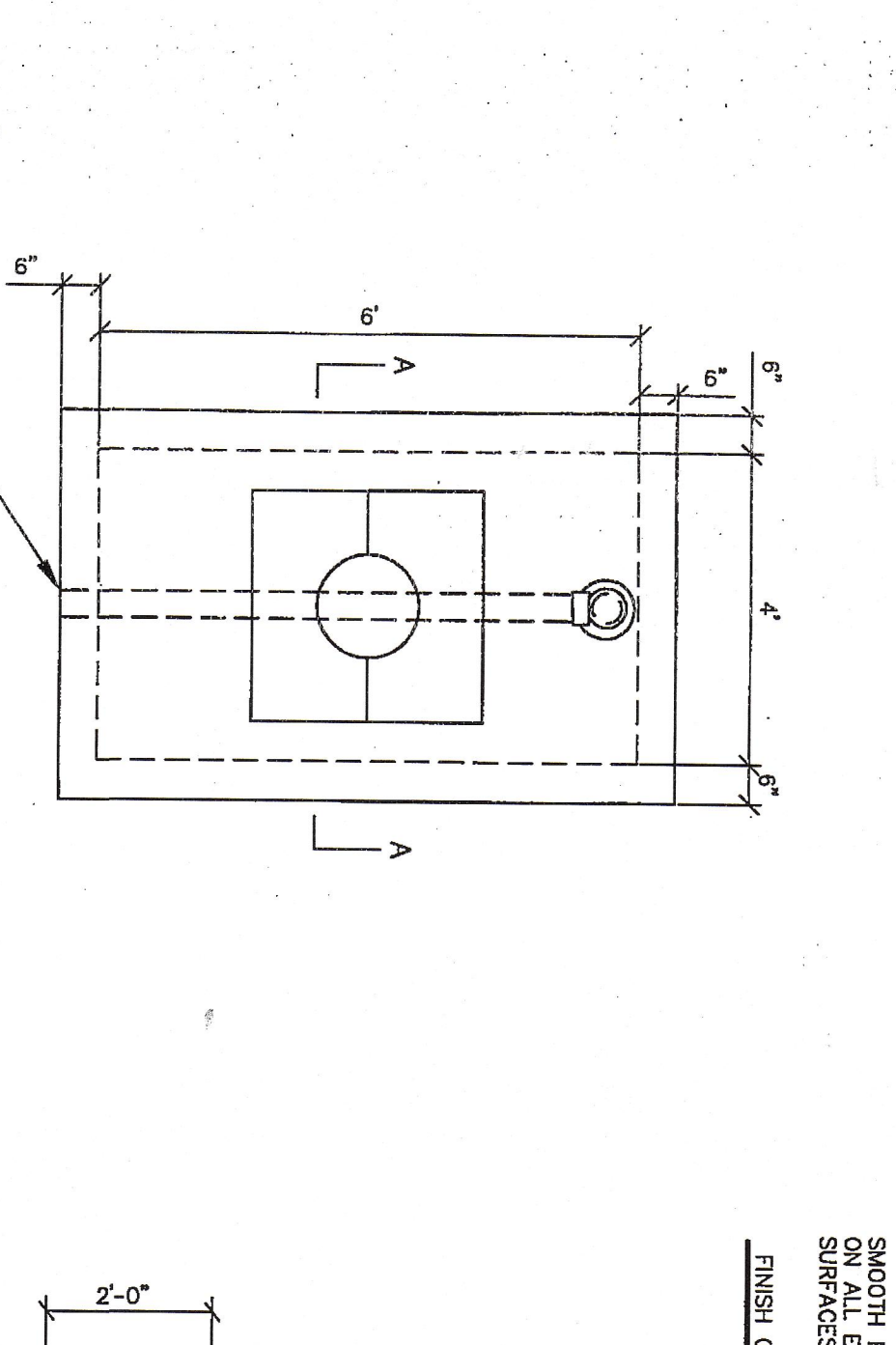
LOAMY COARSE SAND LAYER	% PASSING BY WEIGHT
#10	75-100
#40	15-50
#200	0-15

NOTE: SUPERPUMPS OR EQUIVALENT.



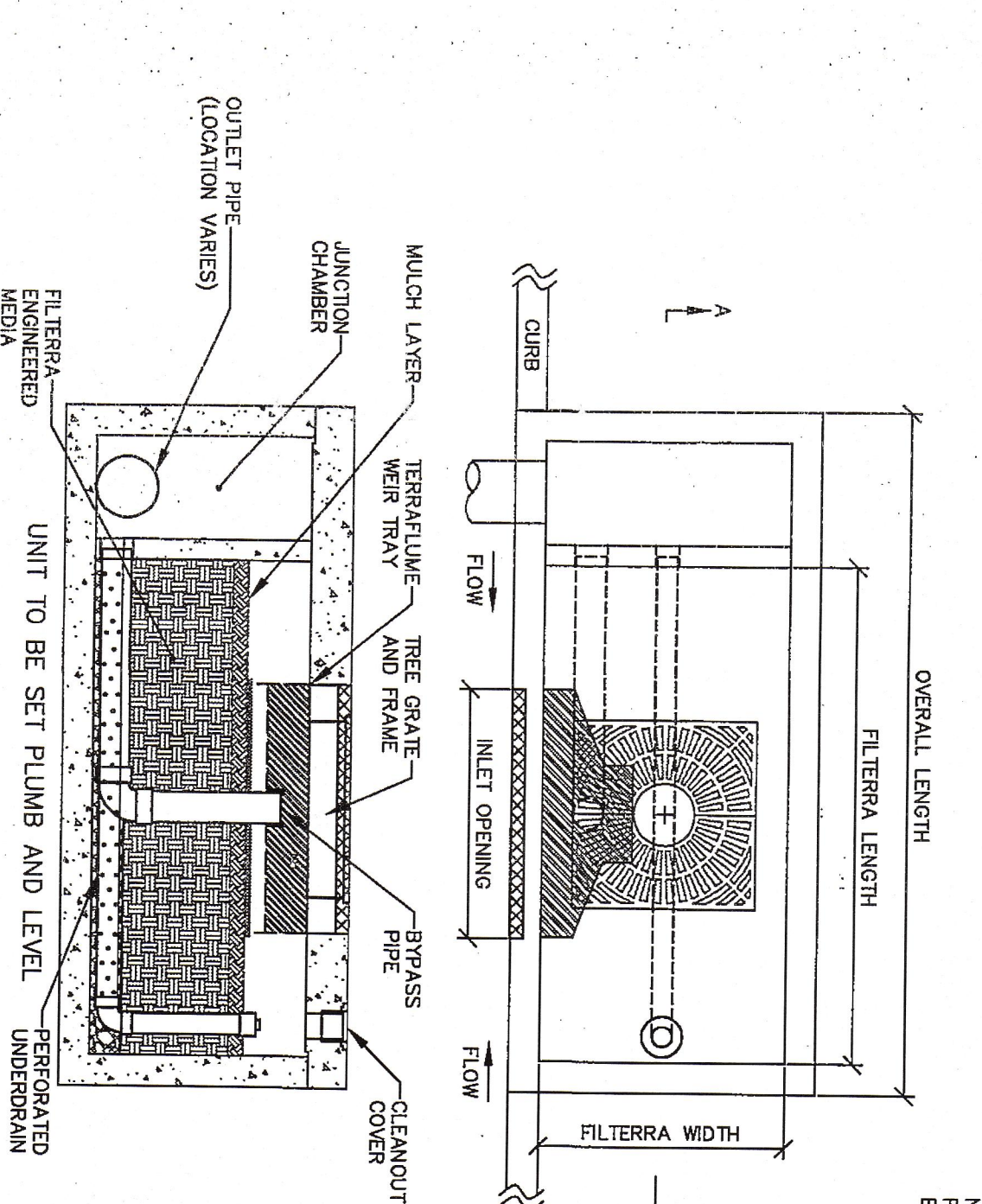
FILTERRA THROAT OPENING

NOT TO SCALE



PRECAST FILTERRA UNIT (NO INTERNAL BYPASS)

NOT TO SCALE



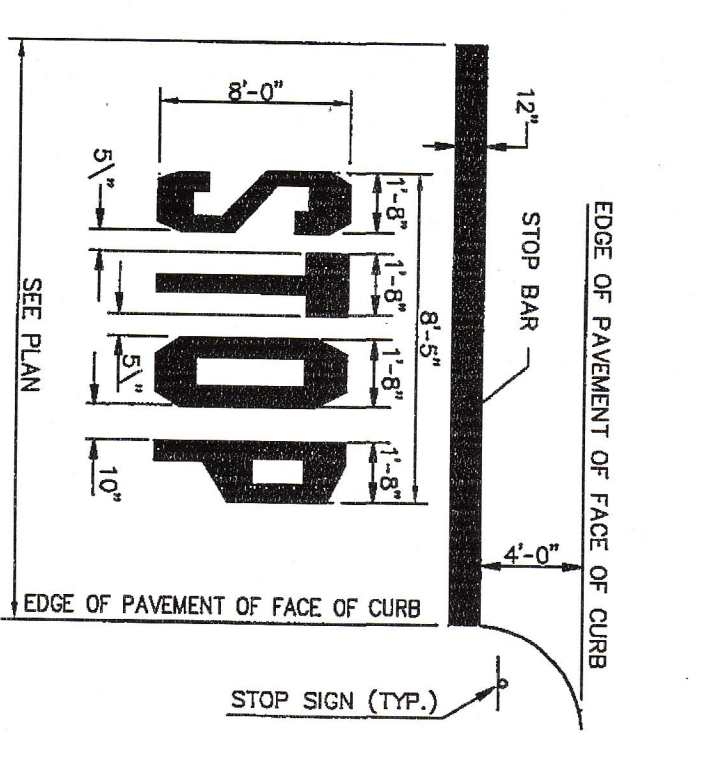
PRECAST FILTERRA UNIT WITH INTERNAL BYPASS

NOT TO SCALE



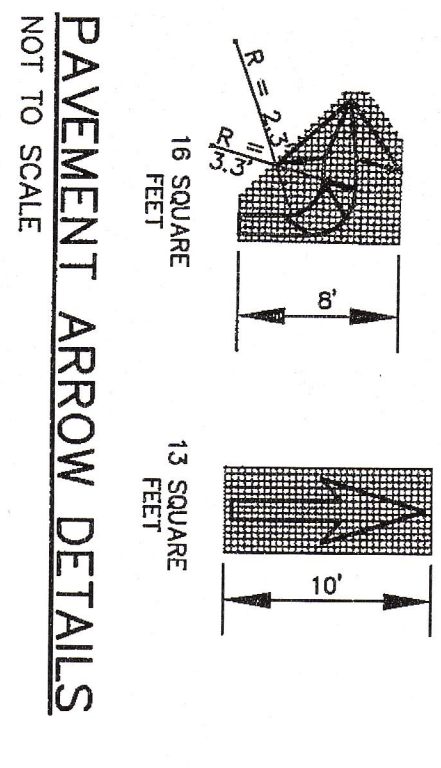
STOP SIGN

NOT TO SCALE



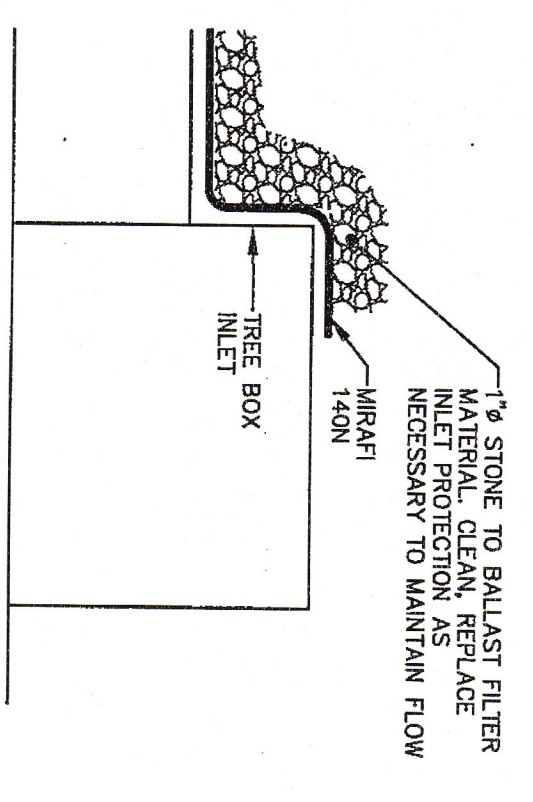
LIGHT POLE BASE

NOT TO SCALE



PAVEMENT ARROW DETAILS

NOT TO SCALE



FILTERRA UNIT INLET PROTECTION

NOT TO SCALE

DESIGNED	OMM
CHECKED	OMM

ISSUED FOR CONSTRUCTION
MISC. REVISIONS
REVISED FOR BUILDING PERMIT
REVISED PER COMMENTS
SUBMITTED TO CITY FOR SITE PLAN REVIEW

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SEBAGO
TECHNICS

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SHEET 9 OF 9