

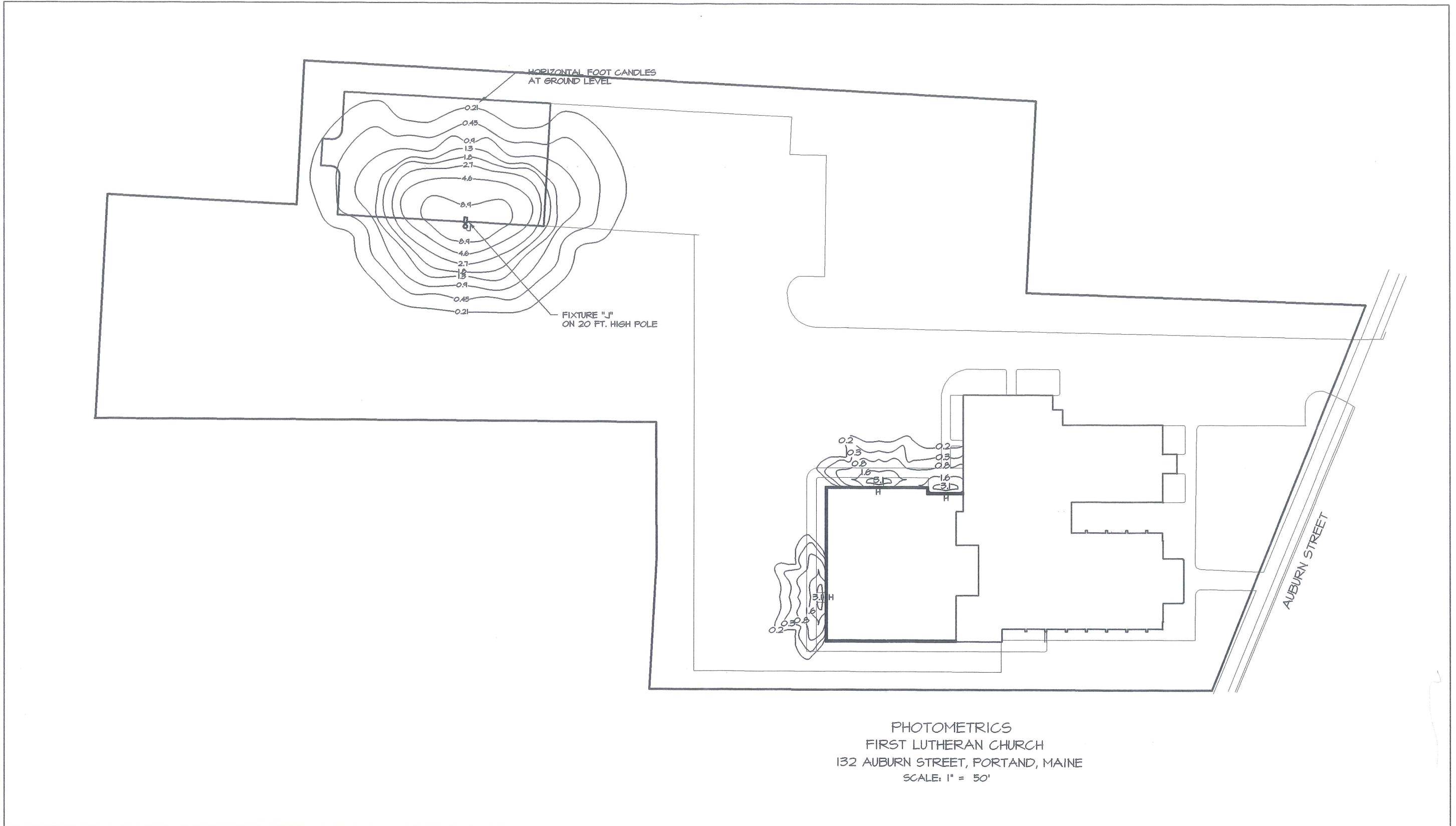
374-A-13

138 Auburn St, Portland, Maine

Addit to First Lutheran Church

First Lutheran Church

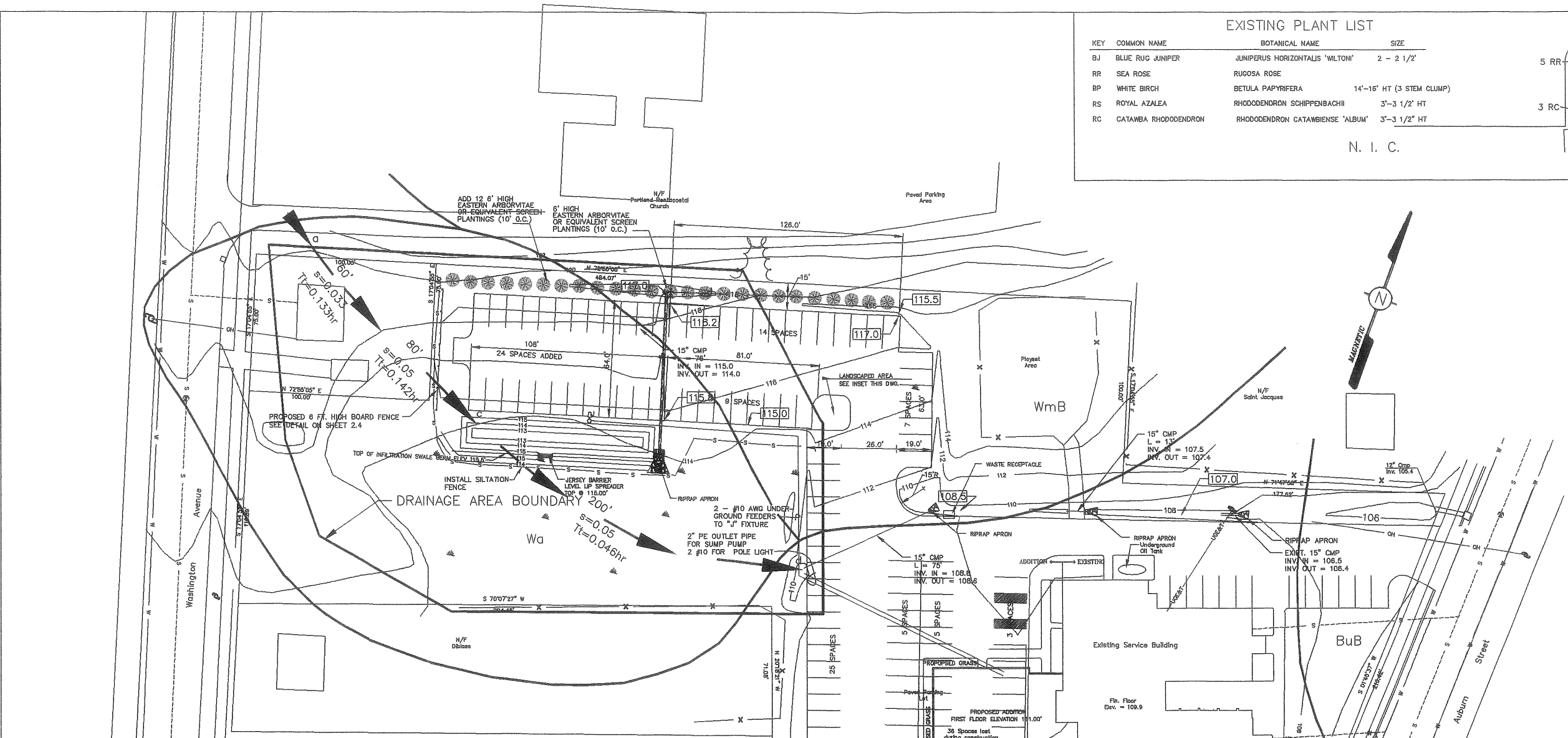
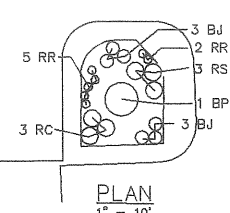
132 Auburn Street, Portland, ME 04103



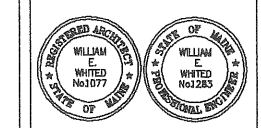
WILLIAM E. WHITED, INC.
ARCHITECT / ENGINEER
1281 WASHINGTON AVENUE, PORTLAND, MAINE
TEL: (207) 876-4250 FAX: (207) 876-4252

EXISTING PLANT LIST

| KEY | COMMON NAME | BOTANICAL NAME | SIZE |
|-----|----------------------|----------------------------------|---------------------------|
| BJ | BLUE RUG JUNIPER | JUNIPERUS HORIZONTALIS "WILTON" | 2 - 2 1/2' |
| RR | SEA ROSE | RUGOSA ROSE | |
| BP | WHITE BIRCH | BETULA PAPPYRIFERA | 14'-16" HT (3 STEM CLUMP) |
| RS | ROYAL AZALEA | RHODODENDRON SCHIPPENBACHII | 3'-3 1/2' HT |
| RC | CATANBA RHODODENDRON | RHODODENDRON CATANBIENSE 'ALBUM' | 3'-3 1/2' HT |



ADDITION AND RENOVATION TO
THE FIRST LUTHERAN CHURCH
132 AUBURN STREET, PORTLAND, MAINE 04103



| DATE | DESCRIPTION |
|----------|---------------------------|
| 03-22-01 | SITE PLAN REVIEW COMMENTS |
| 01-24-01 | SITE PLAN APPLICATION |
| 01-11-01 | FOR PROPOSALS |
| 09-21-00 | FOR REVIEW |

| | |
|--------------------------------|----------|
| PROJECT NO. | |
| DATE | 06.30.00 |
| PLOT SCALE | 1/80 |
| CAD FILE | |
| BY | JEB |
| CHECKED BY | |
| © WILLIAM E. WHITED, INC. 2000 | |

SHEET TITLE
PROPOSED SITE PLAN

2.2
SHEET OF
REVISION NO:

LANDSCAPE NOTES:

- NO PLANTING SHALL BE DONE UNTIL ALL GRADING AND CONSTRUCTION HAS BEEN COMPLETED IN THE IMMEDIATE AREA.
- ALL MATERIAL SHALL CONFORM TO THE GUIDELINES ESTABLISHED BY THE CURRENT AMERICAN STANDARD FOR NURSERY STOCK, PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN, OR EQUIVALENT.
- ALL PLANTS SHALL BE BALLED AND BURLAPPED OR CONTAINER GROWN, AS SPECIFIED, UNLESS APPROVED BY THE OWNER. NO CONTAINER GROWN STOCK SHALL BE ACCEPTED IF ROOT-BOUND. ALL ROOT WRAPPING MATERIAL MADE OF SYNTHETICS OR PLASTICS SHALL BE REMOVED AT TIME OF PLANTING.
- SHOULD PLANT SUBSTITUTIONS PROVE NECESSARY, THE OWNER MUST BE CONTACTED TO APPROVE ANY PROPOSED SUBSTITUTIONS.
- WITH CONTAINER GROWN STOCK, THE CONTAINER SHALL BE REMOVED AND THE CONTAINER BALL SHALL BE CUT THROUGH IN TWO VERTICAL LOCATIONS.
- ALL PLANTS SHALL BE SPRAYED WITH AN ANTI-DESSICANT AT THE BEGINNING OF THEIR FIRST WINTER.
- ALL PLANTS SHALL BE WATERED THOROUGHLY TWICE DURING THE FIRST 24 HOUR PERIOD AFTER PLANTING. ALL PLANTS SHALL THEN BE WATERED WEEKLY OR MORE OFTEN, IF NECESSARY, DURING THE GROWING SEASON.
- 4" DEEP SHREDDED BARK MULCH TO BE INSTALLED UNDER ALL SHRUBS AND IN ALL PLANTING BEDS AS SHOWN ON PLANS.

TREE PLANTING DETAIL
N.T.S.

NEVER CUT LEADER

RUBBER HOSE 2/3 UP TREE OR TO FIRST BRANCH

GUYWIRES-#12 WIRE NEW GALV. ANN

WRAP TREE TO 8' ABOVE RUBBER HOSE

2" DEEP MULCH

3" SAUCER

CUT & REMOVE BURLAP FROM TOP 1/3 OF TREE BALL

AMENDED BACKFILL

SCARIFY SUBSOIL TO MIN. 4" DEPTH

TREES 3" CAL. & LARGER SHALL BE GUYED & STAKED W/3' EQ. SPACED 2 x 4 STAKES

3" DIA. x 8' CEDAR STAKES

7" MIN

3" MIN

LIMIT OF BARE ROOT SPREAD

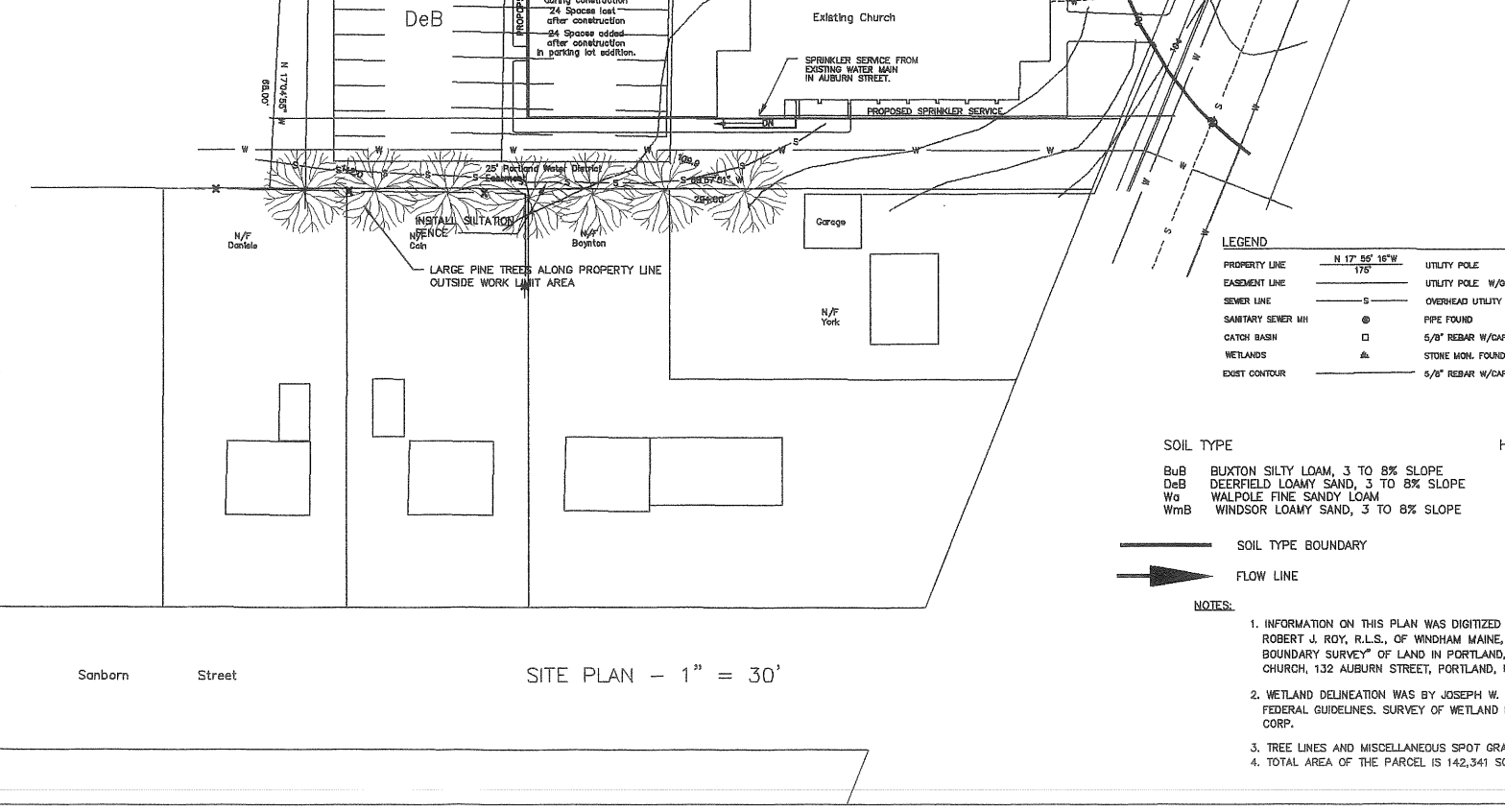
4" MULCH

CUT AND REMOVE TOP 1/3 OF BURLAP FROM ROOT BALL

BACKFILL AS SPECIFIED

NOTE: CONTAINER TO BE REMOVED FROM GROWN PLANTS AT TIME OF PLANTING

PLANTING DETAIL
N.T.S.



SEDIMENT CONTROL NOTES

OPERATION AND MAINTENANCE

ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED AS SHOWN ON THE PLANS. IT IS THE INTENT OF THIS PLAN THAT SOIL EROSION MEASURES ARE THE FIRST TO BE INSTALLED AND THE LAST TO BE REMOVED. SURFACE WATERS ON AND ADJACENT TO THE SITE ARE TO BE PROTECTED FROM DEGRADATION AND SEDIMENTATION. THIS PLAN SHALL BE USED AS A GUIDE FOR THE CONTRACTOR TO USE TO MEET THIS INTENT. IF OTHER WATERCOURSES, STREAMS OR DRAINAGEWAYS ARE JEOPARDIZED BY CONSTRUCTION, IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO PROTECT THOSE WATERS.

SOIL EROSION MEASURES SHALL BE INSPECTED WEEKLY AND AFTER SIGNIFICANT STORM EVENTS. MAKE ALL NECESSARY REPAIRS TO FACILITIES AS SOON AS POSSIBLE. SILT FENCES AND HAY BALE BARRIERS WHICH ACCUMULATE SEDIMENT AND DEBRIS SHALL BE CLEANED AND RE-SET. CATCH BASIN SUMPS SHALL ALSO BE CLEANED ON A REGULAR BASIS. AREAS NOT SCHEDULED FOR EROSION PREVENTION OR STABILIZATION, BUT WHICH SHOW SIGNS OF EROSION, SHALL BE PROTECTED AND STABILIZED. NOTIFY ENGINEER OF ANY SIGNIFICANT PROBLEM(S).

CONSTRUCTION FROM THIS DRAWING IS AUTHORIZED ONLY WHEN ORDERED BY RESPONSIBLE ENGINEER OR ARCHITECT

SEQUENCE OF CONSTRUCTION

1. INSTALL SILT FENCE, HAY BALE BARRIERS.
2. CLEAR AREAS SCHEDULED FOR CONSTRUCTION AND SIDE SLOPE GRADING. GRUB AND STRIP WORK AREA OF TOPSOIL, STOCKPILE LOAM AND TOPSOIL AT DESIGNATED AREAS. TEMPORARILY SEED PILES AND INSTALL SILT FENCE. IF LOAM IS TO BE STOCKPILED IN EXCESS OF 21 DAYS, SEED AND MULCH.
3. RUGH GRADE ROAD AND PARKING LOT SITE. STABILIZE ALL CUT AND FILL SLOPES STEEPER THAN 3:1. MULCH (ANCHOR WITH JUTE MATS) AND SEED.
4. INSTALL DRAINAGE FACILITIES AND ASSOCIATED SOIL EROSION MEASURES. BEGIN RE-SEEDING DISTURBED AREAS WITHIN 21 DAYS OR SOONER. FINE GRADE AND LOAM AREAS WHICH CAN BE SEEDDED.
5. CONSTRUCT BUILDING AND GRAVEL AND PAVE SITE.
6. FINISH GRADE LOAM AND SEED ALL REMAINING DISTURBED AREAS.
7. REMOVE TEMPORARY SOIL EROSION MEASURES ONLY AFTER ALL DISTURBED GRASS HAS BEEN VEGETATED.

PERMANENT SEED MIXTURE (SIDE SLOPES AND WELL DRAINED AREAS)

| | |
|---------------------|------------------|
| REDTOP | 2#/1000 SQ. FT. |
| TALL FESCUE | 20#/1000 SQ. FT. |
| CREEPING RED FESCUE | 20#/1000 SQ. FT. |
| TOTAL SEED RATE: | 42#/1000 SQ. FT. |

PERMANENT SEED MIXTURE (WET AREAS)

| | |
|-----------------|------------------|
| TALL FESCUE | 15#/1000 SQ. FT. |
| RED FESCUE | 20#/1000 SQ. FT. |
| REDTOP | 5#/1000 SQ. FT. |
| BIRDFOOT TREFOL | 10#/1000 SQ. FT. |
| TOTAL SEED RATE | 50#/1000 SQ. FT. |

LIME AND FERTILIZER

APPLY LIMESTONE AT A RATE OF 3 TONS PER ACRE.
APPLY FERTILIZER (10-20-20) AT A MINIMUM RATE OF 800#/ACRE

WORK LIME AND FERTILIZER INTO SOIL TO A DEPTH OF 4" EITHER BEFORE OR DURING FINAL SEEDBED PREPARATION.

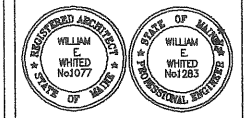
MULCH

HAY OR STRAW (ANCHORED) IN PROTECTED AREAS AT 70-90#/1000 SF
HAY OR STRAW (ANCHORED) IN WINDY AREAS 70-90#/1000 SF
OR IF UNANCHORED AND COPPED 185-275#/1000 SF. ANCHORING SHALL BE WITH JUTE MATS WITH SOD STAPLES @ 3'0" C.C.

TEMPORARY SEED MIXTURES SHALL BE AS FOLLOWS:

SUMMER SEASON (5/15-8/15) SUDAGRASS 40#/ACRE
LATE SUMMER (8/15-9/15) ANNUAL RYEGRASS 40#/ACRE
FALL (9/15-10/1) WINTER RYE 112#/ACRE
WINTER (10/1-4/1) MULCH WITH DORMANT (WINTER RYE) SEED 80#/ACRE
DORMANT SEEDING SHALL BE SOWN IN A MANNER THAT PROTECTS IT FROM BEING DISTURBED BY WIND AND BIRDS BY INCREASING MULCH COVER 50%.
SPRING (4/1-7/1) ANNUAL RYEGRASS 40#/ACRE

ADDITION AND RENOVATION TO
THE FIRST LUTHERAN CHURCH
132 AUBURN STREET, PORTLAND, MAINE 04103

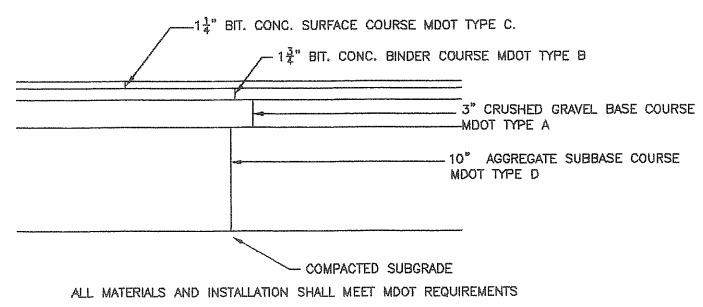
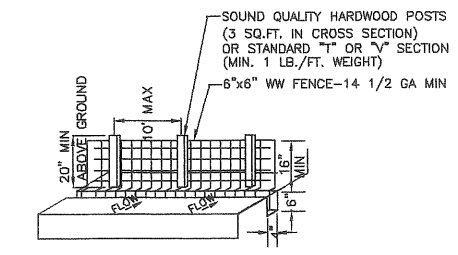
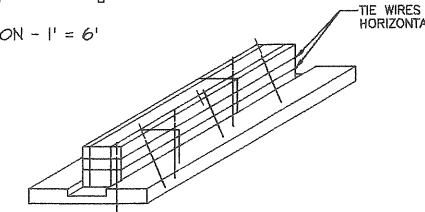
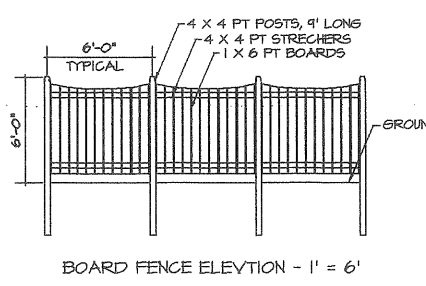
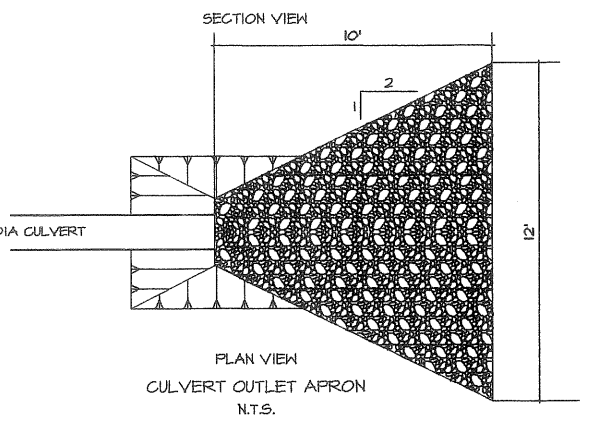
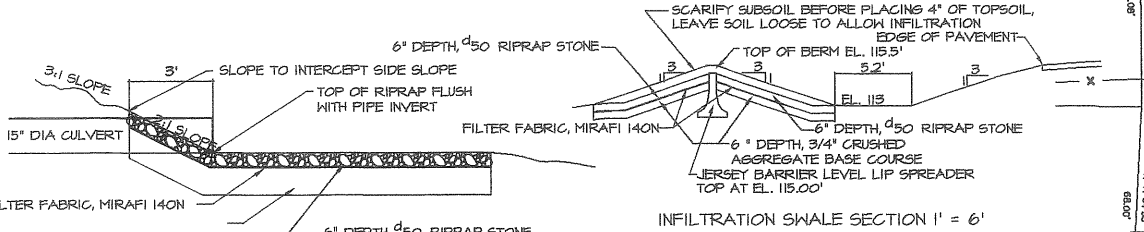
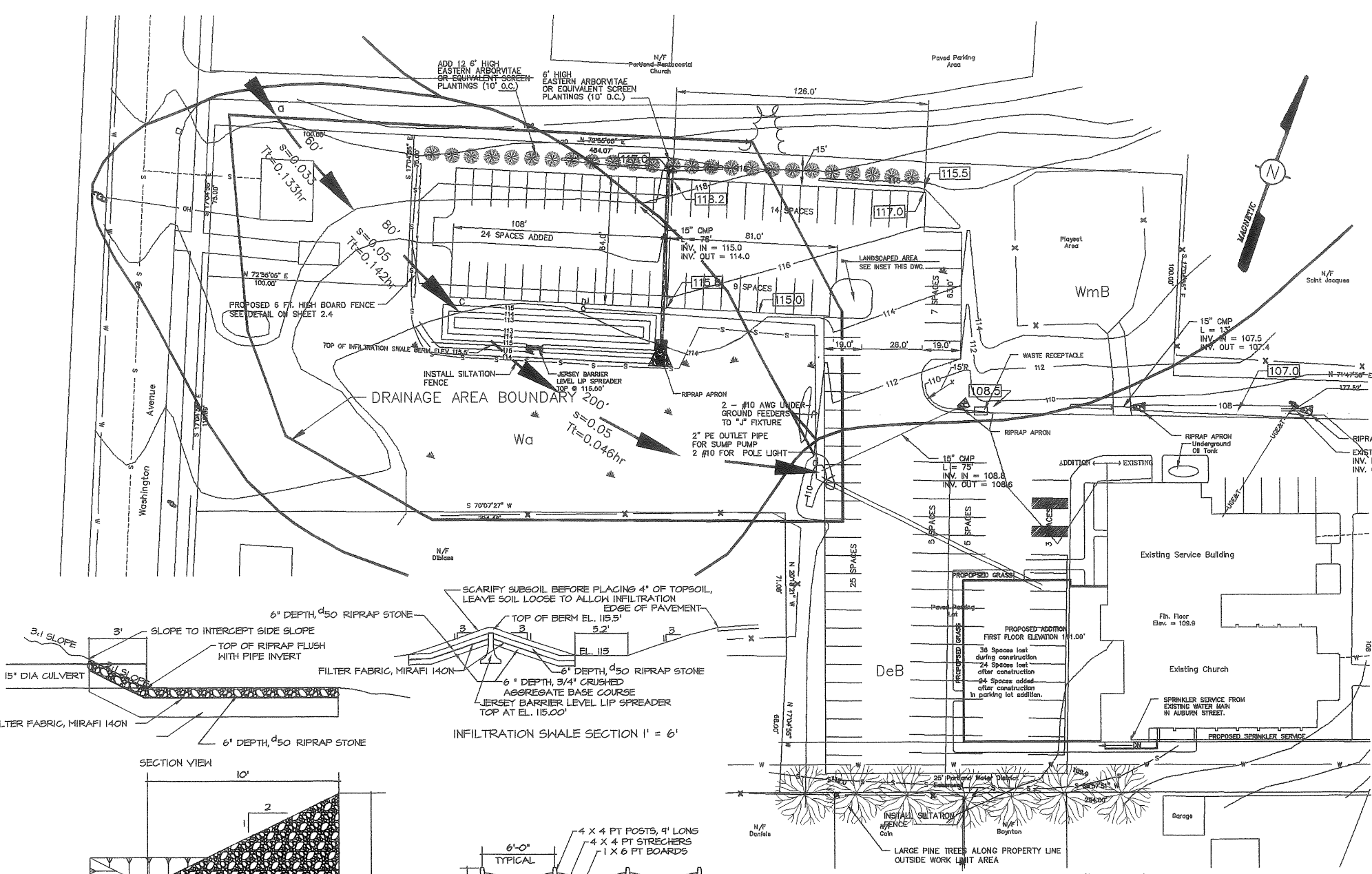


| DATE | DESCRIPTION |
|----------|---------------------------|
| 03-22-01 | SITE PLAN REVIEW COMMENTS |
| 03-02-01 | SITE PLAN REVIEW COMMENTS |
| 01-24-01 | SITE PLAN APPLICATION |
| 01-11-01 | FOR PROPOSALS |
| 09-21-00 | FOR REVIEW |

| | |
|--------------------------------|----------|
| PROJECT NO. | |
| DATE | 06.30.00 |
| PLOT SCALE | 1:30 |
| CAD FILE | |
| BY | JEB |
| CHECKED BY | |
| © WILLIAM E. WHITED, INC. 2000 | |

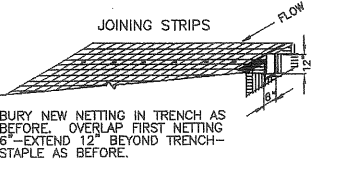
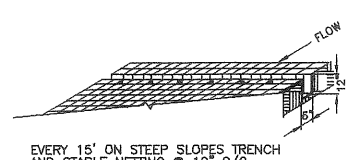
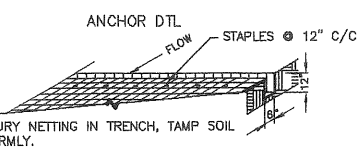
SHEET TITLE
**SITE PLAN
EROSION AND
SEDIMENTATION
CONTROL MEASURES**

2.4
SHEET OF
REVISION NO:



1. BALES SHALL BE PLACED IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT BALE.
2. EACH BALE SHALL BE EMBEDDED IN THE SOIL A MINIMUM OF 4".
3. BALES SHALL BE SECURELY ANCHORED IN PLACE BY STAKES OR RE-BARS DRIVEN THROUGH THE BALE. THE FIRST STAKE IN EACH BALE SHALL BE ANGLED TOWARD THE PREVIOUSLY LAID BALE TO FORCE THE BALES TOGETHER.
4. INSPECTION SHALL BE FREQUENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
5. BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPEDE DRAINAGE.
6. WIRE OR NYLON BOUND BALES ARE TO BE PLACED PARALLEL TO THE CONTOURS.

1. SET POSTS AND EXCAVATE A 4"x6" TRENCH UPSLOPE ALONG THE LINE OF POSTS.
2. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO THE FENCE POSTS WITH WIRE TIES OR STAPLES.
3. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES EVERY 24" AT TOP AND AT MID SECTION.
4. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED 6" AND FOLDED.
5. EXTEND FENCE MIN 4" INTO TRENCH AND FABRIC MIN 8" INTO TRENCH. BACKFILL AND COMPACT SOIL.
6. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.



JUTE MAT DETAIL

CHECK SLOT

STRAW BALE BARRIER DETAIL

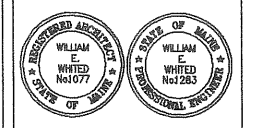
SILT FENCE DETAIL

PAVEMENT SECTION

D:\CHURCHES\F.LUTHERANCHURCH\CONSTRUCTION DOCS\2-4.dwg

WILLIAM E. WHITED, INC.
 ARCHITECT / ENGINEER
 181 WASHINGTON AVENUE, PORTLAND, MAINE
 TEL: (207) 876 4800 FAX: (207) 876 4855

ADDITION AND RENOVATION TO
THE FIRST LUTHERAN CHURCH
 AUBURN STREET
 PORTLAND, MAINE

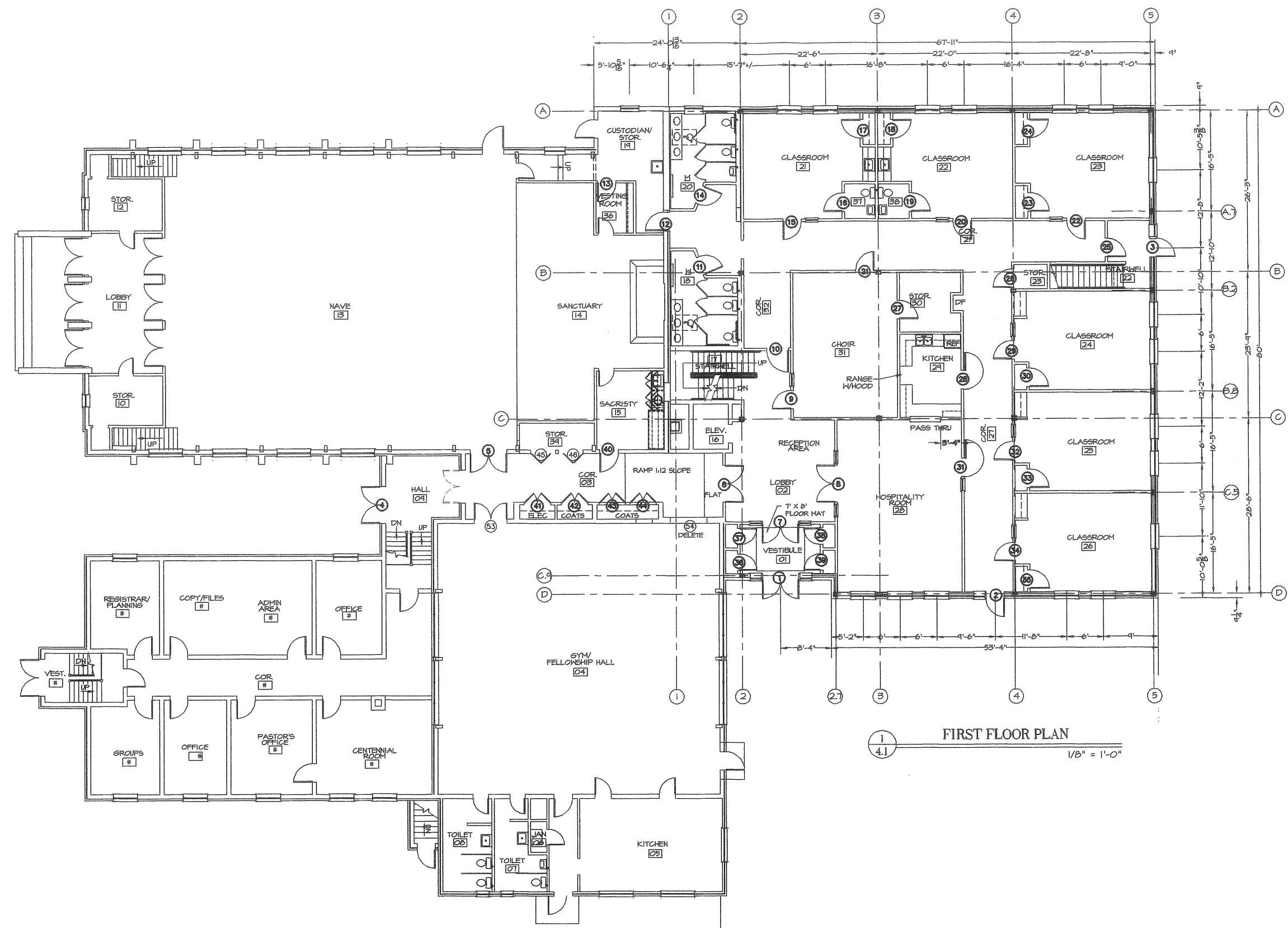
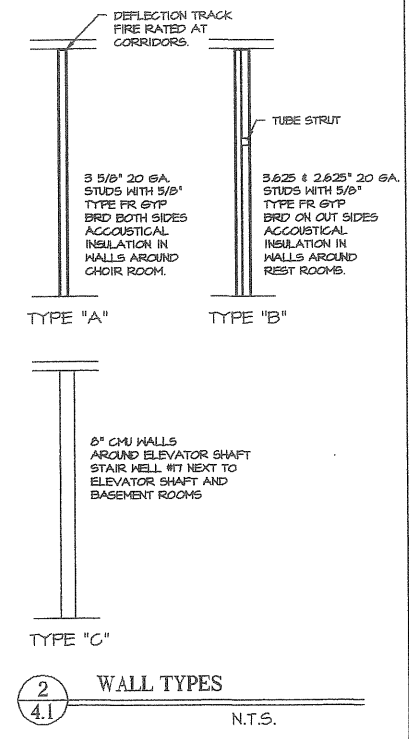


| | |
|----------|-----------------------|
| 01-24-01 | SITE PLAN APPLICATION |
| 01-11-01 | FOR PROPOSALS |
| DATE | DESCRIPTION |

| | |
|--------------------------------|--------------|
| PROJECT NO. | |
| DATE | 01.05.00 |
| PLOT SCALE | 1/8" = 1'-0" |
| CAD FILE | |
| BY | JEB |
| CHECKED BY | |
| © WILLIAM E. WHITED, INC. 2000 | |

SHEET TITLE
FIRST FLOOR PLAN

4.1
 SHEET OF
 REVISION NO:



FIRST FLOOR PLAN
 1/8" = 1'-0"

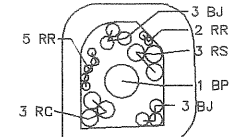
EXISTING ← → ADDITION

FLOOR AREA TABULATION

| | FLOOR AREA SQ. FT. | | |
|-----------------|--------------------|----------|--------|
| | EXISTING | PROPOSED | TOTAL |
| FIRST FLOOR | 11,632 | 6,235 | 17,867 |
| SECOND FLOOR | 0 | 6,085 | 6,085 |
| LOWER FLOOR | 2,595 | 1,050 | 3,645 |
| TOTAL | 14,227 | 13,370 | 27,597 |
| GROUND COVERAGE | 11,632 | 6,235 | 17,867 |

PLANT LIST

| KEY | COMMON NAME | BOTANICAL NAME | SIZE |
|-----|----------------------|----------------------------------|---------------------------|
| BJ | BLUE RUG JUNIPER | JUNIPERUS HORIZONTALIS 'WILTONI' | 2 - 2 1/2' |
| RR | SEA ROSE | RUGOSA ROSE | |
| BP | WHITE BIRCH | BETULA Papyrifera | 14'-16' HT (3 STEM CLUMP) |
| RS | ROYAL AZALEA | RHODODENDRON SCHIPPENBACHII | 3'-3 1/2' HT |
| RC | CATAWBA RHODODENDRON | RHODODENDRON CATAWBIENSE 'ALBUM' | 3'-3 1/2' HT |



PLAN
1" = 10'

WILLIAM E. WHITED, INC.
ARCHITECT / ENGINEER
1881 WASHINGTON AVENUE, PORTLAND, MAINE
TEL: (207) 876-4550 FAX: (207) 876-4555

CONSTRUCTION FROM THIS DRAWING IS AUTHORIZED ONLY WHEN SIGNED BY RESPONSIBLE ENGINEER OR ARCHITECT

ADDITION AND RENOVATION TO
THE FIRST LUTHERAN CHURCH
132 AUBURN STREET, PORTLAND, MAINE 04103



| DATE | DESCRIPTION |
|----------|-----------------------|
| 01-24-01 | SITE PLAN APPLICATION |
| 01-11-01 | FOR PROPOSALS |
| 09-21-00 | FOR REVIEW |

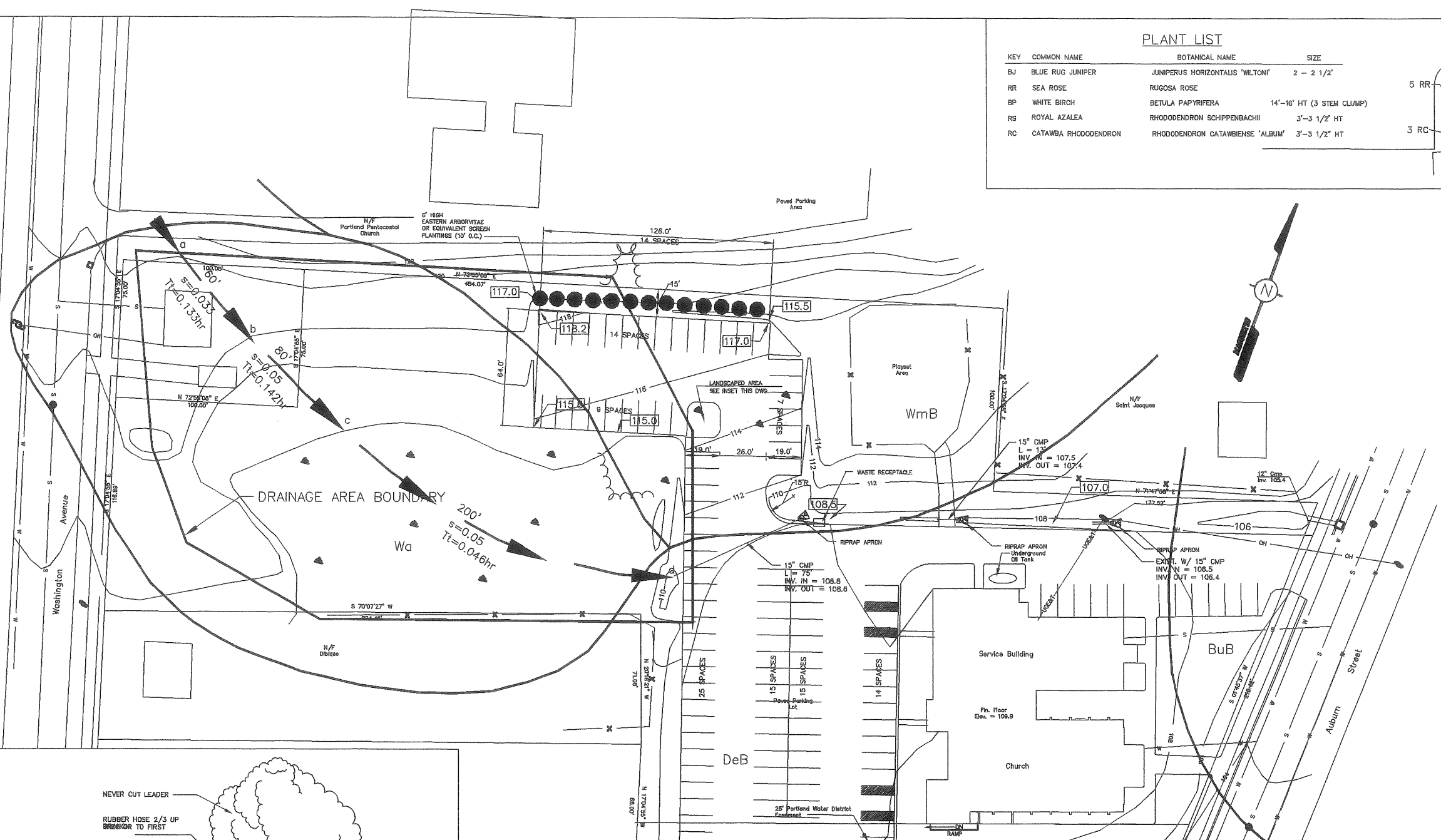
| PROJECT NO. | DATE | PLOT SCALE | CAD FILE | BY | CHECKED BY |
|-------------|----------|------------|----------|-----|------------|
| | 06.30.00 | 1:30 | | JEB | |

© WILLIAM E. WHITED, INC. 2000

SHEET TITLE
EXISTING SITE PLAN

2.1

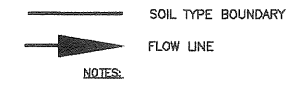
SHEET OF
REVISION NO:



LEGEND

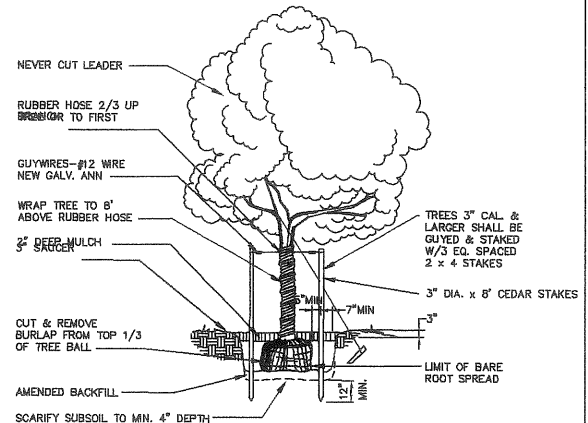
| | | | |
|-------------------|------------------------|-------------------------|---|
| PROPERTY LINE | — N 17° 05' 16" W 175' | UTILITY POLE | — |
| EASEMENT LINE | — | UTILITY POLE W/BUY WIRE | — |
| SEWER LINE | — S — | OVERHEAD UTILITY LINE | — |
| SANITARY SEWER MH | ⊙ | PIPE FOUND | ○ |
| CATCH BASIN | □ | 5/8" REBAR W/CAP FOUND | ○ |
| WETLANDS | ▲ | STONE MON. FOUND | □ |
| EXIST CONTOUR | — | 5/8" REBAR W/CAP SET | ○ |

| SOIL TYPE | HYDROLOGICAL GROUP |
|---|--------------------|
| BuB BUXTON SILTY LOAM, 3 TO 8% SLOPE | C |
| DeB DEERFIELD LOAMY SAND, 3 TO 8% SLOPE | B |
| Wa WALPOLE FINE SANDY LOAM | C |
| WmB WINDSOR LOAMY SAND, 3 TO 8% SLOPE | A |

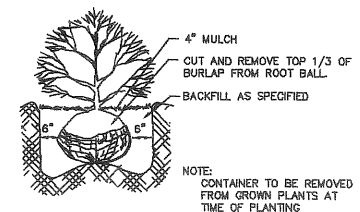


NOTES:

- INFORMATION ON THIS PLAN WAS DIGITIZED FROM A PLAN PREPARED BY ROBERT J. ROY, R.L.S., OF WINDHAM MAINE, ENTITLED "STANDARD BOUNDARY SURVEY" OF LAND IN PORTLAND, MAINE FOR FIRST LUTHERAN CHURCH, 132 AUBURN STREET, PORTLAND, MAINE.
- WETLAND DELINEATION WAS BY JOSEPH W. NOEL, CPSS/SC. BASED ON 1989 FEDERAL GUIDELINES. SURVEY OF WETLAND BOUNDARIES WAS BY SQUAW BAY CORP.
- TREE LINES AND MISCELLANEOUS SPOT GRADES BY SQUAW BAY CORP.
- TOTAL AREA OF THE PARCEL IS 142,341 SQUARE FEET (3.3 ± ACRES).



TREE PLANTING DETAIL
N.T.S.



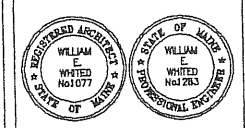
PLANTING DETAIL
N.T.S.

LANDSCAPE NOTES:

- NO PLANTING SHALL BE DONE UNTIL ALL GRADING AND CONSTRUCTION HAS BEEN COMPLETED IN THE IMMEDIATE AREA.
- ALL MATERIAL SHALL CONFORM TO THE GUIDELINES ESTABLISHED BY THE CURRENT AMERICAN STANDARD FOR NURSERY STOCK, PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN, OR EQUIVALENT.
- ALL PLANTS SHALL BE BALLED AND BURLAPPED OR CONTAINER GROWN, AS SPECIFIED, UNLESS APPROVED BY THE OWNER. NO CONTAINER GROWN STOCK SHALL BE ACCEPTED IF ROOT-BOUND. ALL ROOT WRAPPING MATERIAL MADE OF SYNTHETICS OR PLASTICS SHALL BE REMOVED AT TIME OF PLANTING.
- SHOULD PLANT SUBSTITUTIONS PROVE NECESSARY, THE OWNER MUST BE CONTACTED TO APPROVE ANY PROPOSED SUBSTITUTIONS.
- WITH CONTAINER GROWN STOCK, THE CONTAINER SHALL BE REMOVED AND THE CONTAINER BALL SHALL BE CUT THROUGH IN TWO VERTICAL LOCATIONS.
- ALL PLANTS SHALL BE SPRAYED WITH AN ANTI-DESSICANT AT THE BEGINNING OF THEIR FIRST WINTER.
- ALL PLANTS SHALL BE WATERED THOROUGHLY TWICE DURING THE FIRST 24 HOUR PERIOD AFTER PLANTING. ALL PLANTS SHALL THEN BE WATERED WEEKLY OR MORE OFTEN, IF NECESSARY, DURING THE GROWING SEASON.
- 4" DEEP SHREDDED BARK MULCH TO BE INSTALLED UNDER ALL SHRUBS AND IN ALL PLANTING BEDS AS SHOWN ON PLANS.

CONSTRUCTION FROM THIS DRAWING IS AUTHORIZED ONLY WHEN ORDERED BY RESPONSIBLE OWNER OR ARCHITECT

ADDITION AND RENOVATION TO
THE FIRST LUTHERAN CHURCH
 AUBURN STREET
 PORTLAND, MAINE



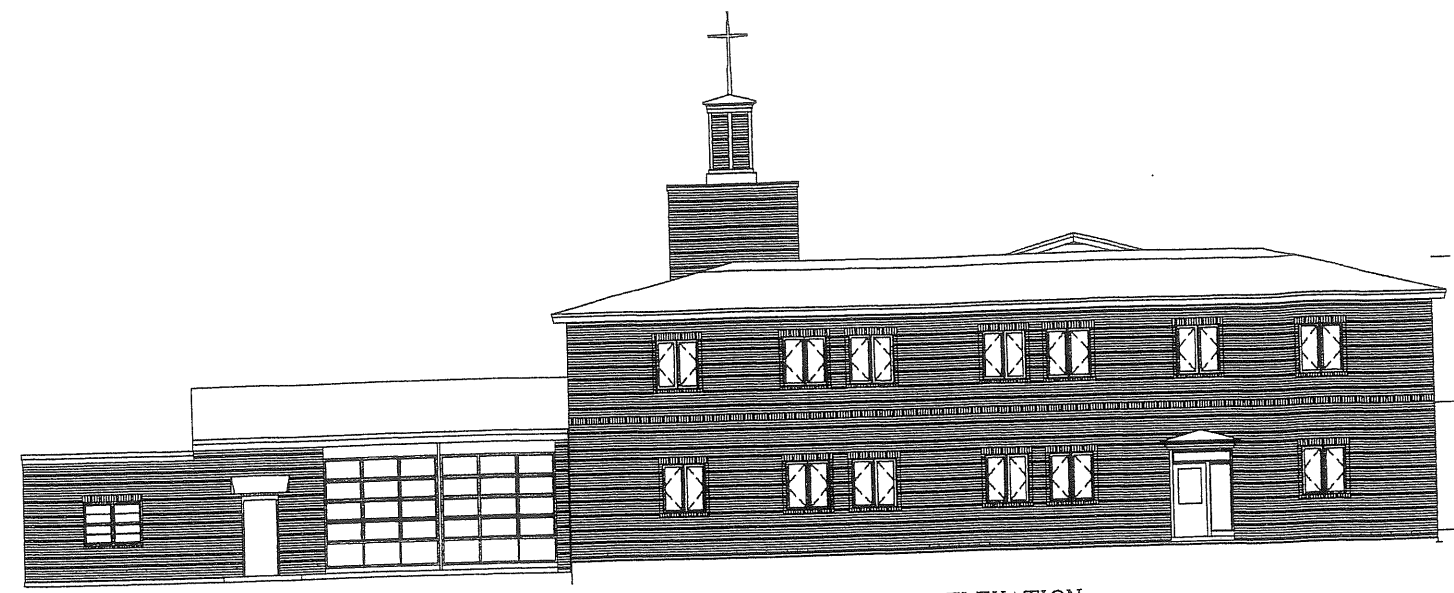
| DATE | DESCRIPTION |
|----------|-----------------------|
| 01-24-01 | SITE PLAN APPLICATION |
| 01-11-01 | FOR PROPOSALS |

| | |
|--------------------------------|--------------|
| PROJECT NO. | |
| DATE | 01.09.00 |
| PLOT SCALE | 1/8" = 1'-0" |
| CAD FILE | |
| BY | JEB |
| CHECKED BY | |
| © WILLIAM E. WHITED, INC. 2000 | |

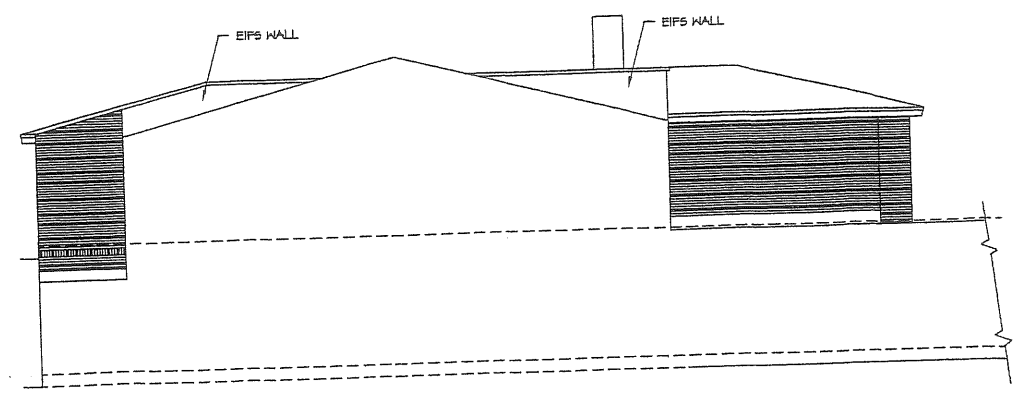
SHEET TITLE
EXTERIOR ELEVATIONS

4.4

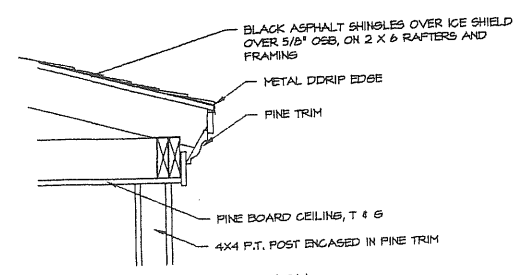
SHEET OF
 REVISION NO:



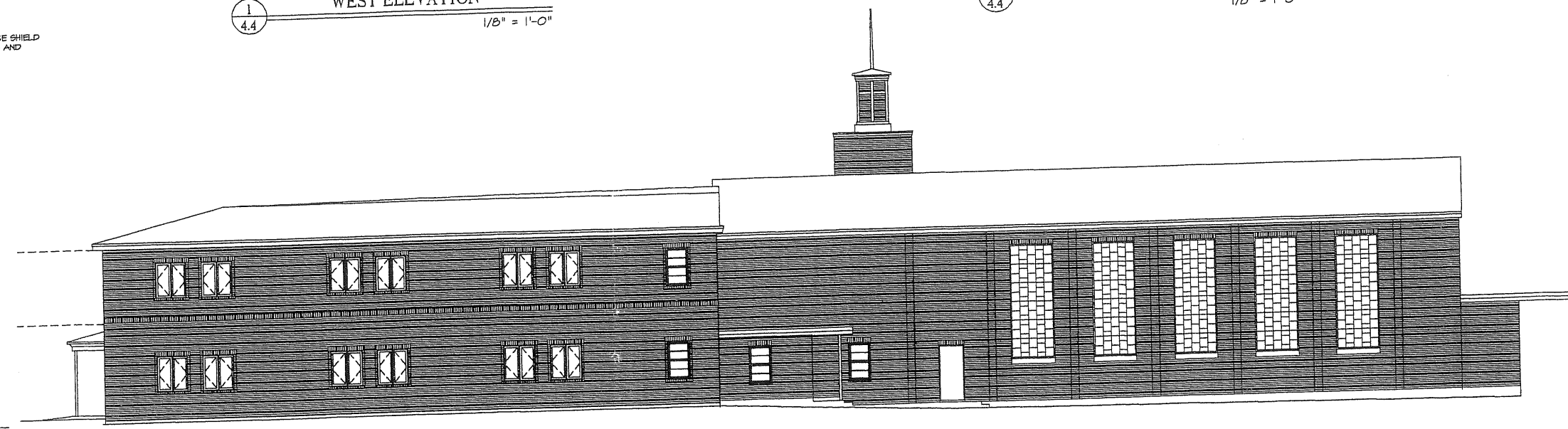
1
4.4 WEST ELEVATION
1/8" = 1'-0"



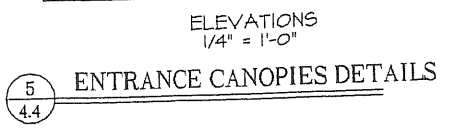
2
4.4 EAST ELEVATION
1/8" = 1'-0"



SECTION
1" = 1'-0"

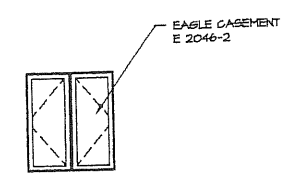


3
4.4 SOUTH ELEVATION
1/8" = 1'-0"



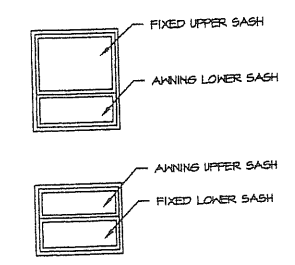
ELEVATIONS
1/4" = 1'-0"

5
4.4 ENTRANCE CANOPIES DETAILS

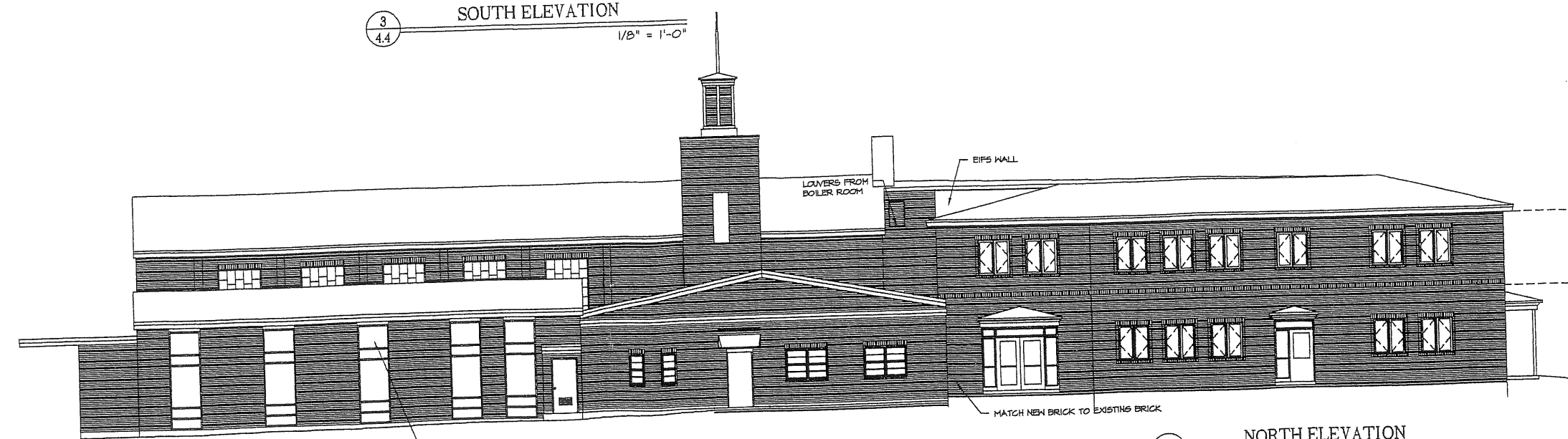


EAGLE CASEIMENT
E 2046-2

6
4.4 WINDOWS IN ADDITION
1/4" = 1'-0"



7
4.4 REPLACEMENT WINDOWS
1/4" = 1'-0"



4
4.6 NORTH ELEVATION
1/8" = 1'-0"

\\Judith\CHURCHES\F.LUTHERANCHURCH\CONSTRUCTION DCS\4-4.dwg

Att. # 1

CONSTRUCTION FROM THIS DRAWING IS AUTHORIZED ONLY WITH SIGNATURE OF RESPONSIBLE ENGINEER OR ARCHITECT

ADDITION AND RENOVATION TO
THE FIRST LUTHERAN CHURCH
132 AUBURN STREET, PORTLAND, MAINE 04103



| DATE | DESCRIPTION |
|----------|---------------------------|
| 03-22-01 | SITE PLAN REVIEW COMMENTS |
| 01-24-01 | SITE PLAN APPLICATION |
| 01-11-01 | FOR PROPOSALS |
| 09-21-00 | FOR REVIEW |

| | |
|--------------------------------|----------|
| PROJECT NO. | |
| DATE | 06.30.00 |
| PLOT SCALE | 1:50 |
| CAD FILE | |
| BY | EB |
| CHECKED BY | |
| © WILLIAM E. WHITED, INC. 2000 | |

SHEET TITLE
PROPOSED SITE PLAN

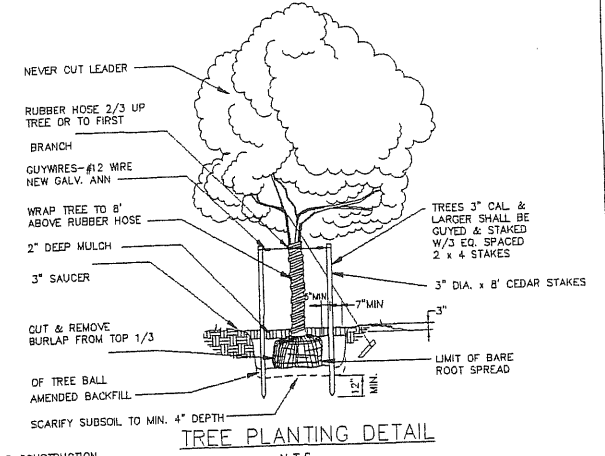
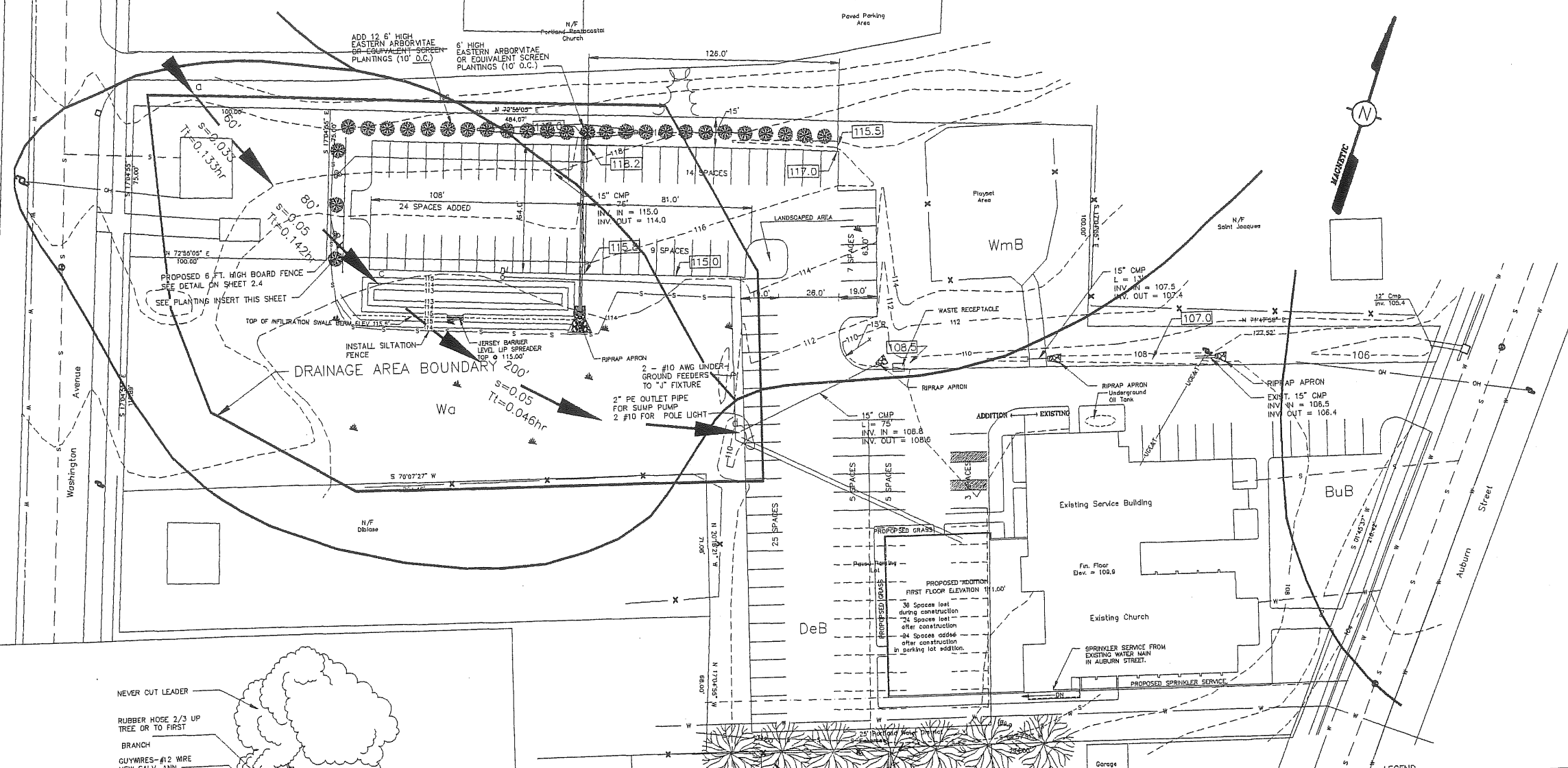
2.2
SHEET OF
REVISION NO:

PLANT LIST

| KEY | COMMON NAME | BOTANICAL NAME | SIZE |
|-----|----------------------|----------------------------------|--------------|
| TS | CANADA HEMLOCK | TSUGA CANADENSIS | 8'-8'6" HT |
| RC | CATAWBA RHODODENDRON | RHODODENDRON CATAWBIENSE 'ALBUM' | 3'-3 1/2' HT |

PROPOSED 6 FT. HIGH BOARD FENCE
SEE DETAIL ON SHEET 2.4

PLAN
1" = 30'



LANDSCAPE NOTES:

- NO PLANTING SHALL BE DONE UNTIL ALL GRADING AND CONSTRUCTION HAS BEEN COMPLETED IN THE IMMEDIATE AREA.
- ALL MATERIAL SHALL CONFORM TO THE GUIDELINES ESTABLISHED BY THE CURRENT AMERICAN STANDARD FOR NURSERY STOCK, PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN, OR EQUIVALENT.
- ALL PLANTS SHALL BE BALLED AND BURLAPPED OR CONTAINER GROWN, AS SPECIFIED, UNLESS APPROVED BY THE OWNER. NO CONTAINER GROWN STOCK SHALL BE ACCEPTED IF ROOT-BOUND. ALL ROOT WRAPPING MATERIAL MADE OF SYNTHETICS OR PLASTICS SHALL BE REMOVED AT TIME OF PLANTING.
- SHOULD PLANT SUBSTITUTIONS PROVE NECESSARY, THE OWNER MUST BE CONTACTED TO APPROVE ANY PROPOSED SUBSTITUTIONS.
- WITH CONTAINER GROWN STOCK, THE CONTAINER SHALL BE REMOVED AND THE CONTAINER BALL SHALL BE CUT THROUGH IN TWO VERTICAL LOCATIONS.
- ALL PLANTS SHALL BE SPRAYED WITH AN ANTI-DESSICANT AT THE BEGINNING OF THEIR FIRST WINTER.
- ALL PLANTS SHALL BE WATERED THOROUGHLY TWICE DURING THE FIRST 24 HOUR PERIOD AFTER PLANTING. ALL PLANTS SHALL THEN BE WATERED WEEKLY OR MORE OFTEN, IF NECESSARY, DURING THE GROWING SEASON.
- 4" DEEP SHREDDED BARK MULCH TO BE INSTALLED UNDER ALL SHRUBS AND IN ALL PLANTING BEDS AS SHOWN ON PLANS.

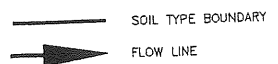
LEGEND

| | | | |
|-------------------|--------------------------|-------------------------|---|
| PROPERTY LINE | --- N 17° 55' 15" W 170' | UTILITY POLE | — |
| EASEMENT LINE | --- | UTILITY POLE W/GUY WIRE | — |
| SEWER LINE | --- | OVERHEAD UTILITY LINE | — |
| SANITARY SEWER MH | ⊙ | PIPE FOUND | ○ |
| CATCH BASIN | ⊠ | 3/8" REBAR W/CAP FOUND | ○ |
| WETLANDS | ▨ | STONE UO/L FOUND | ○ |
| EXIST CONTOUR | --- | 3/8" REBAR W/CAP SET | ○ |

SOIL TYPE

| | | |
|-----|-------------------------------------|---|
| BuB | BUXTON SILTY LOAM, 3 TO 8% SLOPE | C |
| DeB | DEERFIELD LOAMY SAND, 3 TO 8% SLOPE | B |
| Wa | WALPOLE FINE SANDY LOAM | C |
| WmB | WINDSOR LOAMY SAND, 3 TO 8% SLOPE | A |

HYDROLOGICAL GROUP



NOTES:

- INFORMATION ON THIS PLAN WAS DIGITIZED FROM A PLAN PREPARED BY ROBERT J. ROY, R.L.S., OF WINDHAM MAINE, ENTITLED "STANDARD BOUNDARY SURVEY" OF LAND IN PORTLAND, MAINE FOR FIRST LUTHERAN CHURCH, 132 AUBURN STREET, PORTLAND, MAINE.
- WETLAND DELINEATION WAS BY JOSEPH W. NOEL, CPSS/SC. BASED ON 1989 FEDERAL GUIDELINES. SURVEY OF WETLAND BOUNDARIES WAS BY SQUAW BAY CORP.
- TREE LINES AND MISCELLANEOUS SPOT GRADES BY SQUAW BAY CORP.
- TOTAL AREA OF THE PARCEL IS 142,341 SQUARE FEET (3.3 ± ACRES).

SITE PLAN - 1" = 30'

**ADDITION AND RENOVATION TO
THE FIRST LUTHERAN CHURCH**
132 AUBURN STREET, PORTLAND, MAINE 04103



| DATE | DESCRIPTION |
|----------|---------------------------|
| 02-22-01 | SITE PLAN REVIEW COMMENTS |
| 02-02-01 | SITE PLAN REVIEW COMMENTS |
| 01-24-01 | SITE PLAN APPLICATION |
| 01-11-01 | FOR PROPOSALS |
| 09-21-00 | FOR REVIEW |
| 09-00-00 | |

| | |
|-------------|--------|
| PROJECT NO. | 063000 |
| DATE | 063000 |
| PLOT SCALE | 1/80 |
| CAD FILE | |
| CHECKED BY | EW |
| BY | |
| PROJECT NO. | 063000 |

**SITE PLAN
EROSION AND
SEDIMENTATION
CONTROL MEASURES**

OPERATION AND MAINTENANCE

ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED AS SHOWN ON THE PLANS. IT IS THE INTENT OF THIS PLAN THAT SOIL EROSION MEASURES ARE THE FIRST TO BE INSTALLED AND THE LAST TO BE REMOVED. SURFACE WATERS ON AND ADJACENT TO THE SITE ARE TO BE PROTECTED FROM DEGRADATION AND SEDIMENTATION. THIS PLAN SHALL BE USED AS A GUIDE FOR THE CONTRACTOR TO USE TO MEET THIS INTENT. IF OTHER MEASURES, STRIPS OR DRAINAGEWAYS ARE JERAPROVED BY CONSTRUCTION, IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO PROTECT THOSE WATERS.

SOIL EROSION MEASURES SHALL BE INSPECTED WEEKLY AND AFTER SIGNIFICANT STORM EVENTS. MAKE ALL NECESSARY REPAIRS TO FACILITIES AS SOON AS POSSIBLE. SILT FENCES AND HAY BALE BARRIERS WHICH ACCUMULATE SEDIMENT AND DEBRIS SHALL BE CLEANED AND RE-SET. CATCH BASINS SHALL ALSO BE CLEANED ON A REGULAR BASIS. AREAS NOT SCHEDULED FOR EROSION PREVENTION OR STABILIZATION, BUT WHICH SHOW SIGNS OF EROSION, SHALL BE PROTECTED AND STABILIZED. NOTIFY ENGINEER OF ANY SIGNIFICANT PROBLEM(S).

- SEQUENCE OF CONSTRUCTION**
1. INSTALL SILT FENCE, HAY BALE BARRIERS.
 2. CLEAR AREAS SCHEDULED FOR CONSTRUCTION AND SIDE SLOPE GRADING.
 3. GRUB AND STRIP WORK AREA OF TOPSOIL, STOCKPILE LOAN AND TOPSOIL AT DESIGNATED AREAS. TEMPORARILY SEED PILES AND INSTALL SILT FENCE. IF LOAN IS TO BE STOCKPILED IN EXCESS OF 21 DAYS, FILL SLOPES STEEPER THAN 3:1. MULCH (ANCHOR WITH JUTE MATS) AND INSTALL DRAINAGE FACILITIES AND ASSOCIATED SOIL EROSION MEASURES.
 4. BEGIN RE-SEEDING DISTURBED AREAS WITHIN 21 DAYS OR SOONER. FINE SEED AND MULCH.
 5. INSTALL DRAINAGE FACILITIES AND ASSOCIATED SOIL EROSION MEASURES.
 6. REPAIR APRON.
 7. EXIST. 15" CMP.
 8. FINISH GRADE LOAN AND SEED ALL REMAINING DISTURBED AREAS.
 9. GRASS HAS BEEN VEGETATED.

PERMANENT SEED MIXTURE (WET AREAS)

| | |
|---------------------|------------------|
| REDTOP | 2#/1000 SQ. FT. |
| TALL FESCUE | 20#/1000 SQ. FT. |
| REDFEST | 20#/1000 SQ. FT. |
| GREENING RED FESCUE | 20#/1000 SQ. FT. |
| TOTAL SEED RATE: | 42#/1000 SQ. FT. |

PERMANENT SEED MIXTURE (SIDE SLOPES AND WELL DRAINED AREAS)

| | |
|---------------------|------------------|
| REDTOP | 2#/1000 SQ. FT. |
| TALL FESCUE | 20#/1000 SQ. FT. |
| REDFEST | 20#/1000 SQ. FT. |
| GREENING RED FESCUE | 20#/1000 SQ. FT. |
| TOTAL SEED RATE: | 42#/1000 SQ. FT. |

TEMPORARY SEED MIXTURES SHALL BE AS FOLLOWS:

SUMMER SEASON (5/15-8/15) SUDANGRASS 40#/ACRE
LATE SUMMER (8/15-9/15) ANNUAL RYEGRASS 40#/ACRE
FALL (9/15-10/15) WINTER RYE 112#/ACRE
WINTER (10/15-4/1) MULCH WITH DORMANT (WINTER RYE) SEED 90#/ACRE
DORMANT SEEDING SHALL BE SOWN IN A MANNER THAT PROTECTS IT FROM BEING DISTURBED BY WIND AND BIRDS BY INCREASING MULCH COVER 50%.
SPRING (4/1-7/1) ANNUAL RYEGRASS 40#/ACRE

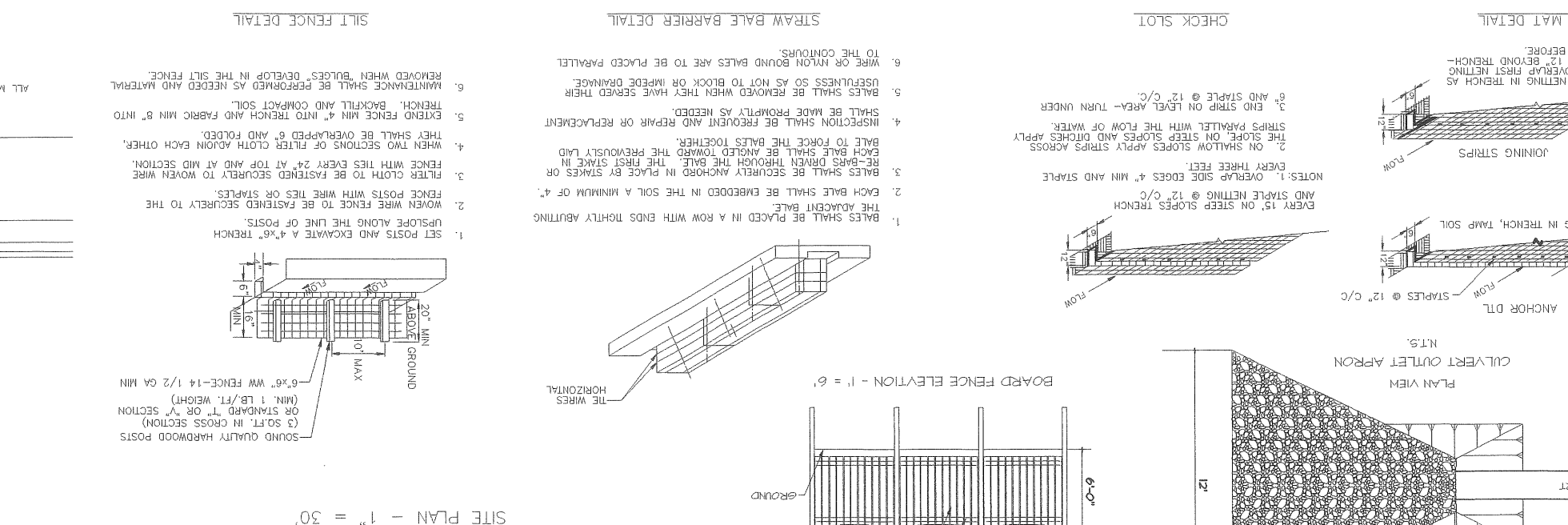
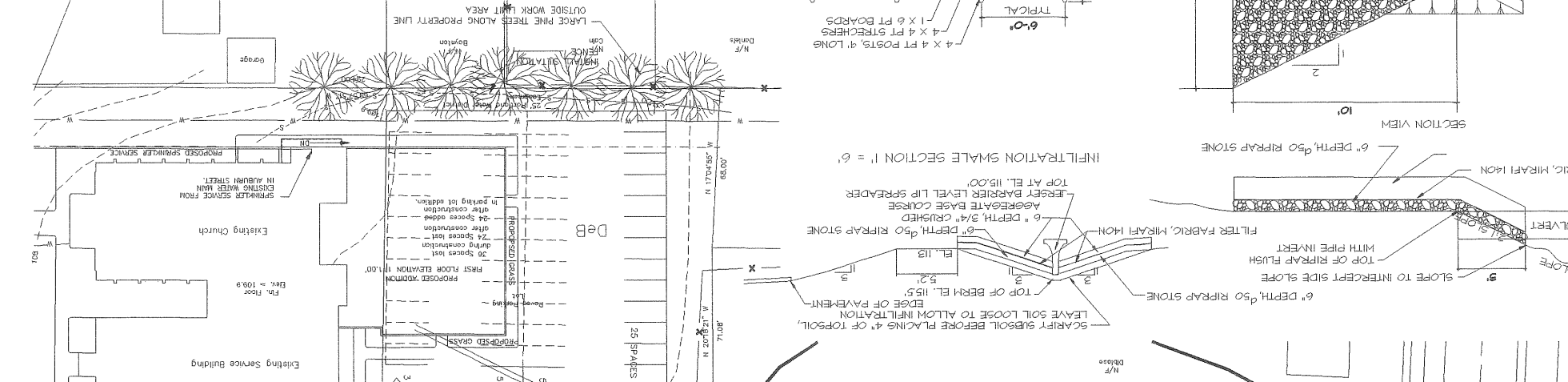
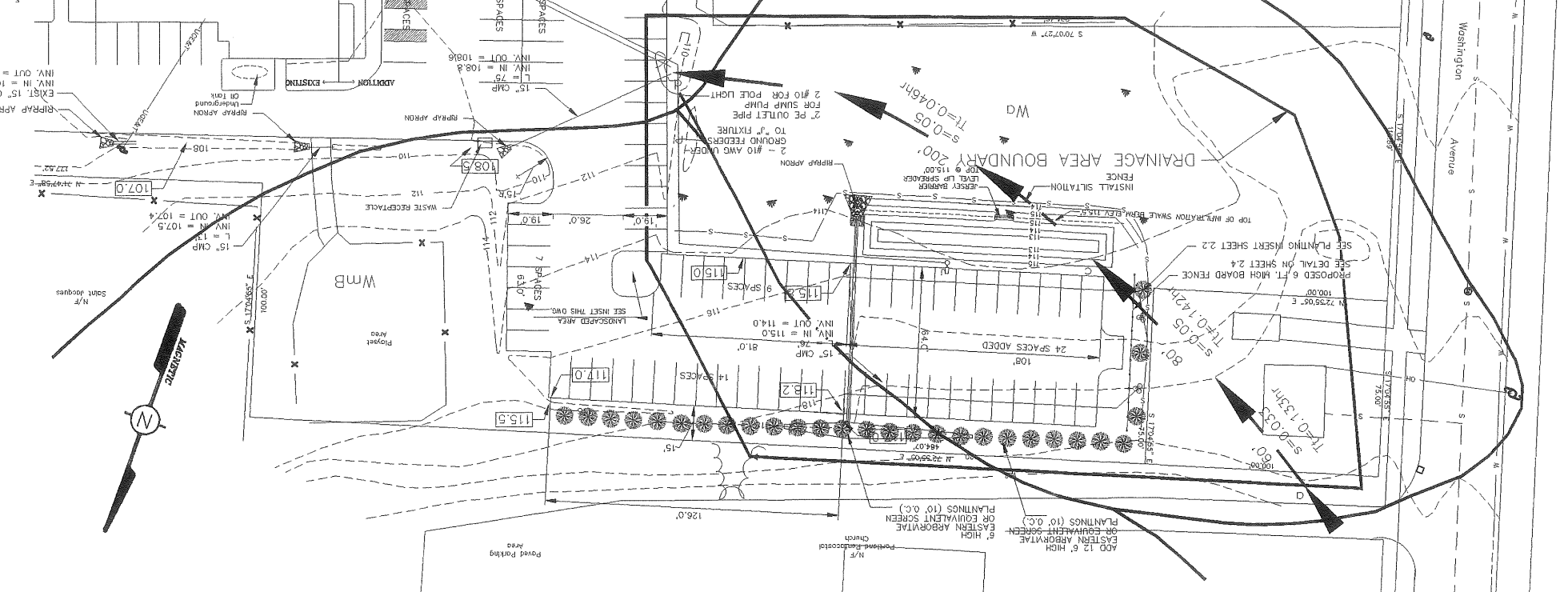
MULCH SHALL BE WITH JUTE MATS WITH SOD STAPLES @ 30" O.C. OR IF UNANCHORED (AND DEPENDING ON WINDY AREAS 70-90#/1000 SF. MAY OR STRAW (ANCHORED) IN PROTECTED AREAS AT 70-90#/1000 SF. APPLY FERTILIZER (10-20-20) AT A MINIMUM RATE OF 800#/ACRE. WORK LIME AND FERTILIZER INTO SOIL TO A DEPTH OF 4" EITHER BEFORE OR DURING FINAL SEEDBED PREPARATION.

PAVEMENT SECTION

ALL MATERIALS AND INSTALLATION SHALL MEET MDOT REQUIREMENTS

SILT FENCE DETAIL

1. SET POSTS AND EXCAVATE 4"x6" TRENCH UPSLOPE ALONG THE LINE OF POSTS.
2. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO THE TRENCH.
3. FENCE CLOTH WITH TIES EVERY 24" AT TOP AND AT MID SECTION.
4. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED 6" AND FOLDED.
5. INSPECTION SHALL BE FREQUENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
6. BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPED DRAINAGE.
7. WIRE OR NYLON BOUND BALES ARE TO BE PLACED PARALLEL TO THE CONTOURS.



SEDIMENT CONTROL NOTES

- SEQUENCE OF CONSTRUCTION**
1. INSTALL SILT FENCE, HAY BALE BARRIERS.
 2. CLEAR AREAS SCHEDULED FOR CONSTRUCTION AND SIDE SLOPE GRADING.
 3. GRUB AND STRIP WORK AREA OF TOPSOIL, STOCKPILE LOAN AND TOPSOIL AT DESIGNATED AREAS. TEMPORARILY SEED PILES AND INSTALL SILT FENCE. IF LOAN IS TO BE STOCKPILED IN EXCESS OF 21 DAYS, FILL SLOPES STEEPER THAN 3:1. MULCH (ANCHOR WITH JUTE MATS) AND INSTALL DRAINAGE FACILITIES AND ASSOCIATED SOIL EROSION MEASURES.
 4. BEGIN RE-SEEDING DISTURBED AREAS WITHIN 21 DAYS OR SOONER. FINE SEED AND MULCH.
 5. INSTALL DRAINAGE FACILITIES AND ASSOCIATED SOIL EROSION MEASURES.
 6. REPAIR APRON.
 7. EXIST. 15" CMP.
 8. FINISH GRADE LOAN AND SEED ALL REMAINING DISTURBED AREAS.
 9. GRASS HAS BEEN VEGETATED.

PERMANENT SEED MIXTURE (WET AREAS)

| | |
|---------------------|------------------|
| REDTOP | 2#/1000 SQ. FT. |
| TALL FESCUE | 20#/1000 SQ. FT. |
| REDFEST | 20#/1000 SQ. FT. |
| GREENING RED FESCUE | 20#/1000 SQ. FT. |
| TOTAL SEED RATE: | 42#/1000 SQ. FT. |

PERMANENT SEED MIXTURE (SIDE SLOPES AND WELL DRAINED AREAS)

| | |
|---------------------|------------------|
| REDTOP | 2#/1000 SQ. FT. |
| TALL FESCUE | 20#/1000 SQ. FT. |
| REDFEST | 20#/1000 SQ. FT. |
| GREENING RED FESCUE | 20#/1000 SQ. FT. |
| TOTAL SEED RATE: | 42#/1000 SQ. FT. |

PAVEMENT SECTION

ALL MATERIALS AND INSTALLATION SHALL MEET MDOT REQUIREMENTS

SILT FENCE DETAIL

1. SET POSTS AND EXCAVATE 4"x6" TRENCH UPSLOPE ALONG THE LINE OF POSTS.
2. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO THE TRENCH.
3. FENCE CLOTH WITH TIES EVERY 24" AT TOP AND AT MID SECTION.
4. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED 6" AND FOLDED.
5. INSPECTION SHALL BE FREQUENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
6. BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPED DRAINAGE.
7. WIRE OR NYLON BOUND BALES ARE TO BE PLACED PARALLEL TO THE CONTOURS.