

NOT TO BE USED FOR CONSTRUCTION DRAWINGS

ROCHESTER HILLS

LIST OF DRAWINGS

CIVIL ENGINEERING

A5-71

ALTA SURVEY

A5-52

ALTA SURVEY

A5-52

ALTA SURVEY

SP-61

COVER SHEET

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NOTES AND LEGENIDS

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FINAL DIOPOGRAPHIC SURVEY

SP-64

ENOLITION PLAN

SP-65

STIE PLAN

SP-65

UTILITY PLAN

SP-65

GRANNEG PLN

LANDSCAPING

ARCHITECTURAL

FLOOR FLAN

DEVELOPMENT TEAM

OWNER

AMERICAN HOUSE 6755 TELEGRAPH ROAD SUITE 330

BLOOMFIELD HILLS, MICHIGAN 48301 (248) 203-1800

ARCHITECT

FUSCO, SHAFFER & PAPPAS, INC. 30800 NORTHWESTERN HWY., SUITE 100 **FARMINGTON HILLS, MICHIGAN 48334** (248) 932-8300

LANDSCAPE ARCHITECT

RUSSELL DESIGN, INC. 114 RAYSON ST., SUITE 2A **NORTHVILLE, MICHIGAN 48167** (248) 374-3222

MECHANICAL ENGINEER

POTAPA-VAN HOOSEEAR ENGINEERING 47810 VAN DYKE AVE. SHELBY TWP, MICHIGAN 48317 (586) 997-0922

GENERAL CONTRACTOR

TBD

REDICO

ONE TOWNE SQUARE SUITE 1600 SOUTHFIELD, MICHIGAN 48076 (248) 827-1700

CIVIL ENGINEER

GIFFELS-WEBSTER ENGINEERS, INC. 2871 BOND ST. **ROCHESTER HILLS, MICHIGAN 48309** (248) 852-3100

STRUCTURAL ENGINEER

SHYMANSKI & ASSOCIATES, L.L.C. 30903 NORTHWESTERN HWY., SUITE 300 **FARMINGTON HILLS, MICHIGAN 48334** (248) 855-1818

ELECTRICAL ENGINEER

TAC ASSOCIATES, L.L.C. 4321 EAST CAMDEN ROAD OSSEO, MICHIGAN 49266 (517) 254-4789

FOOD SERVICE

GREAT LAKES HOTEL SUPPLY COMPANY 1961 GRAND RIVER **DETROIT, MICHIGAN 48226** (313) 962-1317

INTERIOR DESIGN

INNERSPACE DESIGN, INC. 2101 JACKSON ROAD **ANN ARBOR, MICHIGAN 48103**

(734) 622-1133

| 06.28.13 | SITE PLAN REVIEW |
|----------|------------------|
| 07.24.13 | PROGRESS SET |
| 08.14.13 | SITE PLAN REVIEW |

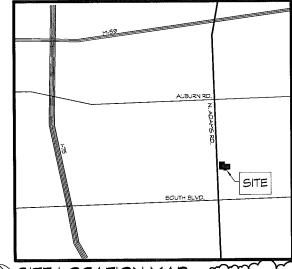




FSP FUSCO, SHAFFER & PAPPAS, INC. ARCHITECTS AND PLANNERS

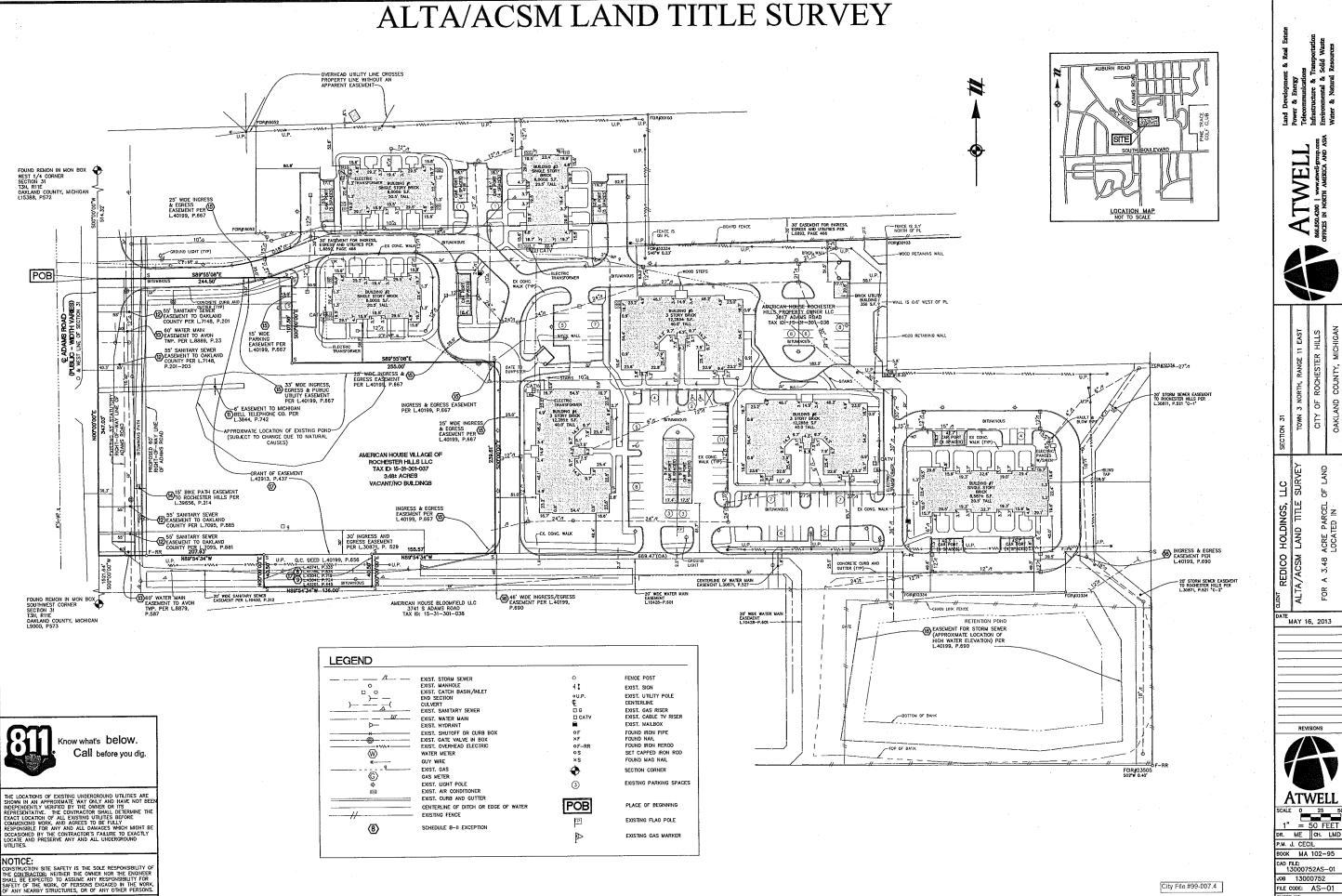
MICHIGAN SUMMARY TABLE

| SITE AREA- GROSS | | | | | | 8 ACRES |
|---|---|------------------------------|---|---|--|---|
| | | | | | | 1,588 S.F. |
| SITE AREA- NET | | | | | | 8 ACRES 0,819 S.F. |
| ZONING | | | | | | |
| EXISTING | | | | | ECIAL P | |
| PROPOSED | PERINTER. | ADITI TEO | STER CARE/ A | | ECIAL P | |
| W/ PERSI | TIED OSE, | | | Jaia ILD | | |
| YARD SETBACKS | | | UIRED | | | OPOSEC |
| NORTH (SIDE) | | *60 FT. | / 25 FT. 25 FT. | | | / 25.5 FT / 65.5 FT |
| SOUTH (SIDE) EAST (SIDE) | | | 25 FT. | | 115.011. | 27.3 FT |
| WEST (FRONT) | | | 50 FT. | | | 52.5 FT |
| | | | | | | |
| 60 FEET WHERE ADJACEN | T TO ONE- | FAMILY RE | SIDENTIAL D | ISTRICT | | |
| SITE DENSITY | | | N/A | | | S.F./UNIT |
| | | | **** | | 11,5 UNI | |
| MINIMUM LOT WIDTH | | | N/A | | | N/A |
| MINIMUM LOT SIZE | | | N/A | | | N/A |
| MAXIMUM LOT COVERAGI (ALL BUILDINGS) | E | | N/A % | | | 21.49 |
| DADZINO DATA | | | | | | |
| PARKING DATA REQUIRED | 1 504 (75.77 | ER EVERY | 2 BEDS | | 20 | SPACE: |
| PROPOSED | 1 SPACE P | TWE ARK I | z DEDO | | | SPACE |
| I KOI OSLIJ | | | (INCLUDING | 4 BARRI | | |
| BUILDING DATA | | | | | | |
| BUILDING HEIGHT (TO MII ALLOWABLE | POINT OF | ROOF) | ORDINANCE | | BUILD | ING COL |
| PROPOSED | | | TORIES/ 40FT | | | 3 STORII |
| TROTOSI,D | | 1 570 | ORY/ 20 FT. +/- | | 1 STORY | / 20 FT. |
| BUILDING AREA | | G.F.A. | | | | U.F.A. |
| WEST WING | | 14.685 | S.F. | | | 9,968 |
| EAST WING | | 14,685 | | | | 9,968 |
| BACK-OF-HOUSE | | 3.209 | | | | 1.879 |
| TOTAL | | 32,525 | | | | 21,815 |
| COMMON AREAS AND FAC | ILITIES | | | | | |
| REQUIRED: 50 S.F. PER | BED MIN. 2 | K 40 BEDS= | | £ 770 C | | S.F./ WIN |
| PROPOSED | | | | 5.720 S. | F. (2.860 S | .r/ win |
| BED/ UNIT DATA | | | | | | |
| MINIMUM UNIT AREA | | | REQUIR | ED MIN. | | POSED |
| | | | 400 S.F. | | | UNIT D |
| ONE BEDROOM | | | | | SEE | UNIT DA |
| ONE BEDROOM STUDIO | | | 300 S.F. | | | |
| STUDIO | MIN. | GROSS | NET | WEST | EAST | |
| STUDIO UNIT TYPES | AREA | AREA | NET AREA | WING | WING | |
| STUDIO UNIT TYPES A-1 ONE BEDROOM | AREA 400 S.F. | AREA 450 S.F. | NET AREA 412 S.F. | WING 5 | WING 5 | TOTAL |
| STUDIO UNIT TYPES | AREA | AREA | NET AREA | WING | WING | |
| STUDIO UNIT TYPES A-1 ONE BEDROOM S-1 STUDIO | AREA 400 S.F. | AREA 450 S.F. | NET AREA 412 S.F. 272 S.F. | WING 5 15 20 | 5 15 20 | 10 30 |
| STUDIO UNIT TYPES A-I ONE BEDROOM S-I STUDIO ACCESSIBLE UNIT TYPES | AREA 400 S.F. 300 S.F. | AREA 450 S.F. 300 S.F. | NET AREA 412 S.F. 272 S.F. REQUIRED | WING 5 15 20 PROPO | WING 5 15 20 OSED | 10 30 40 |
| STUDIO UNIT TYPES A-1 ONE BEDROOM S-1 STUDIO | AREA 400 S.F. 300 S.F. | AREA 450 S.F. 300 S.F. | NET AREA 412 S.F. 272 S.F. | WING 5 15 20 PROPO 20 PES | 5 15 20 | 10 30 40 10 TOTA |
| STUDIO UNIT TYPES A-1 ONE BEDROOM 8-1 STUDIO ACCESSIBLE UNIT TYPES MOBILITY IMPAIRED UNISION/ HEARING IMP. | AREA 400 S.F. 300 S.F. | AREA 450 S.F. 300 S.F. | NET AREA 412 S.F. 272 S.F. REQUIRED 1 PER WING | WING 5 15 20 PROPO 20 PES | WING 5 15 20 DSED R WING (4 | 10 30 40 10 TOTA |
| STUDIO UNIT TYPES A-1 ONE BEDROOM S-1 STUDIO ACCESSIBLE UNIT TYPES MOBILITY IMPAIRED UNISION/ HEARING IMP. CODE DATA | AREA 400 S.F. 300 S.F. | AREA 450 S.F. 300 S.F. | NET AREA 412 S.F. 272 S.F. REQUIRED 1 PER WING 1 PER WING | WING 5 15 20 PROPC 20 PES 2 PES | WING 5 15 20 OSED C WING (4 | 10 30 40 40 10 TOTA 4 TOTA |
| STUDIO UNIT TYPES A-1 ONE BEDROOM 8-1 STUDIO ACCESSIBLE UNIT TYPES MOBILITY IMPAIRED UNISION/ HEARING IMP. | AREA 400 S.F. 300 S.F. 200 S.F | AREA 450 S.F. 300 S.F. | NET AREA 412 S.F. 272 S.F. REQUIRED 1 PER WING 1 PER WING | WING 5 15 20 PROPC 20 PES 2 PES | WING 5 15 20 DSED R WING (4 R WING (| 10 30 40 40 10 TOTAL 4 TOTAL |



SITE LOCATION MAP SCALE: 1'=2000'-0'

NEPA 220 CONSTRUCTION TYPE



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PP

PARCEL TED IN

3.48

REVISIONS

T NO.

ALTA/ACSM LAND TITLE SURVEY

TILE COMMITMENT PROVIDED BY SEAVER TITLE AGENCY. AN AGENT FOR OLD REPUBLIC NATIONAL TITLE INSURANCE COMPANY, FILE NO: 63-13308766-SCM, EFFECTIVE DATE: MARCH 20, 2013

- 8. Lessee's interest of SBA Monarch Towers III, LLC, a Delaware limited liability company and the terms conditions and provisions contained in the lease between American House Bloomfield Limited Partnership, a Michigan limited partnership, as lessor and T-Mobile Central, LLC, as lessee, as assigned by T-Mobile Central, LLC to Mobilitie Investments III, LLC, a Nevada limited liability company and further assigned to SBA Monarch Towers III, LLC. Said lease being disclosed by Memorandum of Lease recorded in Liber 40741, Page 335, Memorandum of Assignment and Site Lease Agreement recorded October 21, 2010 in Liber 41786, Page 834 and in Memorandum of Assignment recorded December 4, 2012 in Liber 45041, Page 319 Colleged Courty Records 719, Oakland County Records.

 AFFECTS SUBJECT PROPERTY -AS SHOWN
- 9. Mortgage executed by SBA Monarch Towers III, LLC, a Delaware limited liability company to Deutsche Bank Trust Company Americas, as trustee, dated August 9, 2012 and recorded December 4, 2012 in Liber 45041, Page 724, Ookland County Records.
 AFFECTS SUBJECT PROPERTY AS SHOWN
 - 10. Building restrictions and other provisions but omitting restrictions, if any, based on race, color, religion or national origin as contained in the instruments recorded in Liber 2553, Page 330, Liber 2553, Page 332 and in Liber 3147, Page 534, Oakland County Records.

 DESCRIPTIONS OF PARCELS CONTAINED IN DOCUMENTS ARE ILLEGIBLE.
- 11. Right of Way granted to Michigan Bell Telephone Company for construction, operation and maintenance of telecommunications facilities recorded in Liber 3844, Page 742, Oakland County Records.

 AFFECTS SUBJECT PROPERTY AS SHOWN
- (2) 12. Easements granted to the County of Oakland for construction, operation and maintenance of sanitary sewer system recorded in Liber 7095, Page 881, Liber 7095, Page 885 and in Liber 7148, Page 201, Oakland County Records.

 AFFECTS SUBJECT PROPERTY AS SHOWN
- 13. Easements and Conveyances to the Charter Township of Avon of all rights, title and Interest in watermains and facilities incidental thereto recorded in Liber 8889, Page 23 and in Liber 8879, Page 587, Oakland County Records.

 AFFECTS SUBJECT PROPERTY AS SHOWN
- 44. Pedestrian/Bioycle Pathway Easement granted to the City of Rochester Hills recorded in Liber 39656, Page 214. Oakland County Reports Page 214, Oakland County Records.

 AFFECTS SUBJECT PROPERTY - AS SHOWN
- (5) 15. Terms, conditions and provisions of Declaration of Easements by American House Village of Rochester Hills LLC, a Michigan limited liability company recorded in Liber 40199, Page 667, Oakland County Records. AFFECTS/BENEFITS SUBJECT PROPERTY AS SHOWN
- (16) 16. Terms, conditions and provisions of Easement Agreement by and between American House Village of Rochester Hills LLC, a Michigan Ilmited liability company and American House Bloomfield Limited Partnership, a Michigan Ilmited partnership recorded in Liber 40199, Page 690, Oakland County Records. AFFECTS/BENEFITS SUBJECT PROPERTY AS SHOWN
- 77. Grant of Easements to Comcast of the South, Inc., a Colorado corporation for construction, mointenance and repair of broadband communications system recorded in Liber 42913, Page 437 and in Liber 43201, Page 445, Ookland County Records.

 AFFECTS SUBJECT PROPERTY AS SHOWN

18. Rights of the public or any governmental unit in any part of captioned land taken, used, dedicated or deeded for Adams Road.

19. Rights of tenants in possession, as tenants only.

SCHEDULE A - EXHIBIT "A"

The land referred to in this commitment is described as follows: City of Rochester Hills, County of Ookland, State of Michigan

Part of the Southwest 1/4 of Section 31, commencing at the West 1/4 corner of said Section 31, Town 3 North, Range 11 East, City of Rochester Hills, Oakland County, Michigan; thence South 00 degrees 00 minutes 00 seconds East 514.32 feet along the West line of said Section 31 and the centerline of Adams Road (variable width) for a PLACE OF BEGINNING; thence South 89 degrees 55 minutes 08 seconds East 245.50 feet; thence South 00 degrees 00 minutes 00 seconds East 295.00 feet; thence South 89 degrees 55 minutes 08 seconds East 295.00 feet; thence South 60 degrees 00 minutes 00 seconds East 295.00 feet; thence North 89 degrees 54 minutes 34 seconds West 155.57 feet; thence South 00 degrees 00 minutes 00 Seconds East 295.00 feet; thence North 89 degrees 54 minutes 34 seconds West 136.00 feet; thence North 89 degrees 54 minutes 34 seconds West 207.93 feet; thence North 80 degrees 00 minutes 00 seconds East 347.05 feet along the West line of said Section 31 and the centerline of said Adams Road to the Ploca Beginning, together with the benefits afforded by 1) Declaration of Easements recorded in Liber 40199, Page 667 and ii) Eosement Agreement recorded in Liber 40199, Page 690, Oakland County Records.

Tax Item No. 15-31-301-037



THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN ROBERDOTHLY VERHIED BY THE OWNER OR ITS CONTRACTOR SHALL DEFERMINE THE COMMENCING SHALL DEFERMINE THE COMMENCING WORK, AND AGRESS TO BE FULLY DESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE COCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

NOTIFICE:
ONSTRUCTION SITE SAFETY IS THE SOLE RESPONSIBILITY OF THE CONTINUE OF STREET THE OWNER NOR THE ENGINEER HALL BE EXPECTED TO ASSUME ANY RESPONSIBILITY FOR AFETY OF THE WORK, OF PERSONS ENGAGED IN THE WORK ANY NEAREST STRUCTURES, OR OF ANY OTHER PERSONS ANY OTHER PERSONS.

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BEARINGS ARE BASED ON TITLE DESCRIPTION

3. THE SUBJECT SITE LIES WITHIN FLOOD ZONE "C" PER THE FEMA FIRM MAP OF THE CITY OF ROCHESTER HILLS, OAKLAND COUNTY, MICHIGAN; PANEL NUMBER 260471-0389-F WITH AN EFFECTIVE DATE OF SEPTEMBER 29, 2006.

- 6. THERE ARE NO PROPOSED CHANGES TO STREET RIGHT-OF-WAY LINES.

2. WATER MAIN, STORM SEWER, SANITARY SEWER AND UNDERGROUND UTILITY STRUCTURES HAVE BEEN FIELD LOCATED WHERE VISIBLE. NO GUARANTEE CAN BE MADE TO THE COMPLETENESS, EXACTNESS OR CORRECTNESS OF THESE LOCATIONS.

4. THE SUBJECT SITE IS CURRENTLY ZONED: SP-SPECIAL PURPOSE DISTRICT PER THE ZONING ORDINANCE FOR THE CURRENT USE OF THE SITE:

PER THE ZONING ORDINANCE FOR THE CURRENT USE OF THE SITE:

1. Convalescent homes and nursing homes.
1. Convalescent and nursing homes shall not exceed a height of two stories unless walved as provided in footnote (d) of section 138—1111 of the schedule of regulations.
11. No building shall be closer than 50 feet to any property line.
11. The site shall be developed so as to provide 800 square feet of land area for each bed provided in the convalescent home.
12. Low rise housing for the elderly.
13. Low rise housing for the elderly,
14. Low rise housing for the elderly shall be defined as housing for the elderly not exceeding a height of three stories, unless weived as provided in footnote (i) of section 138—1111.
13. Each one-bedroom living unit shall contain not less than 400 square feet exclusive of kitchen and bathroom facilities.
131. Each two-bedroom living unit shall contain not less than 500 square feet exclusive of kitchen and bathroom facilities.
142. The site shall be developed with 1,000 square feet of land area for each living unit. A minimum of 200 square feet pr living unit of contiguous open space shall be provided apart from the areas used for off-street parking and driveways.
14. One parking space shall be provided for each living unit.
15. The maximum length of a building shall not exceed 180 feet along any one side of the building, or 250 feet in the total length of a multiple of sides.

5. THERE IS NO OBSERVABLE EMDENCE OF EARTH MOVING WORK, RECENT BUILDING CONSTRUCTION, SOLID WASTE DUMP, SUMP, OR SANITARY LANDFILL ON THIS SITE

7. REFERENCE SURVEY — ATWELL-HICKS JOB NO. 07001301, CAD FILE 07001301AS-01, DATED NOVEMBER 15, 2007, LAST REVISED APRIL 15, 2008.

City File #99-007.4

CERTIFICATION PER TITLE COMMITMENT PROVIDED BY SEAVER TITLE AGENCY. AN AGENT FOR OLD REPUBLIC NATIONAL TITLE INSURANCE COMPANY, FILE NO: 63-13308766-SCM, EFFECTIVE DATE: MARCH 20, 2013

10:
-- Seaver Title Agency
-- Old Republic National Title Insurance Company
-- AHR Senior Living LLC, a Michigan limited liability company on behalf of an entity to be formed

This is to certify that this map or plot and the survey on which it is based were made in accordance with the 2011 Minimum Standard Detail Requirements for ALTA/ACSM Land Title Surveys, jointly established and adopted by ALTA and NSPS, and includes items 1, 2, 3, 4, 6(b), 7(a), 7(b)(1), 8, 9, 11(a), 13, 16, 17, and 18 of Table A thereof.

The field work was completed on May 2, 2013

MID Michael D. Embree Registered Professional Surveyor No. 56860 Two Towne Square, Suite 700

Southfield, Michigan 48076 248.447.2000



Date: 5-17-2013

ATWEI 866.850.4200 | www.acweil.go 11 EAST HILLS NORTH, RANGE 11 뇽 LAND PO 3.48 FOR

DATE MAY 16, 2013



P.M. J. CECIL

BOOK MA 102-95 CAD FILE: 13000752AS-01

JOB 13000752 E CODE: AS-01

2 OF 2

AMERICAN HOUSE SENIOR LIVING COMMUNITIES

SHEET INDEX

SP-01 COVER SP-02 NOTES & LEGEND SP-03 TOPOGRAPHIC SURVEY SP-04 DEMOLITION PLAN SP-05 SITE PLAN

SP-06 UTILITY PLAN SP-07 GRADING PLAN

SP-08 SOIL EROSION & SEDIMENT CONTROL PLAN

BENCHMARK DATA

(CITY OF ROCHESTER HILLS) DATUM

SITE BENCH MARK NO. 1

ARROW ON HYDRANT. LOCATED AT EAST SIDE OF ADAMS +/- 140' SOUTH OF S. BRIARVALE DRIVE, ELEVATION = 856 88'

SITE BENCH MARK NO. 2

TOP OF NUT ON HYDRANT. LOCATED +/- 400' EAST OF ADAMS ON THE NORTH SIDE OF NORTH DRIVE BETWEEN S. BRIARVALE DRIVE AND S. GREY ROAD. ELEVATION = 873.64'

LEGAL DESCRIPTION

(PER ATWELL HICKS ALTA SURVEY DATED MAY 16, 2013)

THE CONVINENT PROVIDED BY SELVER THE ASSECT AN ACTIVE FOR SUP POPULAR NATIONAL THE HUMBHANG COMPANY, HE MY $_{\rm N}$ = 83–13308788–50M, EFFECTIVE DATE MARCH 20, 2013

SOUTHERS SUPPLY S

- B. Linears historia of SAA Memoria Fears, N. LLC. a Delevan invited Sacily company and the himsy conduction of province subscripts in the inside scheme. Arrivation house the control of the Sacily Conference of the Sacily
- R. Mertappe consists by SRA Memoria. Itsus II, (17, in Discount Order Emphy company to Distribute
 SRAM, Page 174, Discount Opening Memoria. Miles Acqual V., 1912 and recorded Opening Record
 APPLIES MARKET PROFESTY—AS SPORM

 APPLIES MARKET PROFESTY—AS SPORM

 1889.
- 10. Guldag reskidios and other provinces but profiling reskidiote. If any, based on rock, edit, (Adolo, and Liber 1975), but the control of t
- 11. Right of May greated to Micropan Best Interferon Company for construction, operation and maintenance of the convention for too the content of the AFECTS SURGET PROPERTY AS SOCIET
 AFFECTS SURGET PROPERTY AS SOCIET
- ATTERS SUBJECT PROPERTY AS SHOW!

 1. Revenues granded to the South of Onlined for combustion, operation and michaerocca of saiding save system revenues to the MSS, Peop 6861, Rev 7093, Peop 886 and in New 7143, Peop 601, Outstee County Streets, and South Streets, and South Streets, and South Streets Subject Property AS Subject South Streets Subject South Street Subject South Streets Subject South Streets Subject Subject South Streets Subject South Street Subject South Streets Subject South Street Subject South Street Subject South Streets Subject South Streets Subject South Streets Subject Subject South Streets Subject South Streets Subject South Streets Subject South Street Subject South Street Subject South Str
- 13. Edwarden und Eminipolea in the Copies Tomatho of Aun et al rights, this and interest in estimation and Intelligent Instantial therein recorded in Liber 2839, Page 33, and in 1849 2879, Page 587, Orlinoid County Percent.
 ATTECT SUBJECT PROPERTY — AS SHOWN
- 15. Here's, circletons and including of Decisions of Experients by Ambigon House Yeage of Restriction in 16.0, a Warrigon Smittel inhibity carpainty reserves in 16.0, a Warrigon Smittel inhibity carpainty reserves in 16.0, a 6144, Page 257, Dockmid County Records 16.1, and 16
- Section of the Control of the C
- Tr. does of Economics to Composit of the South, tric, a Colonals programming for Construction, maintenance and report of transferrors are reported by the recorded to East \$20 th. Page \$57 and in ATTLES BARKET PROPERTY. As \$100mm.

18. Fights of the public or any governmental unit in any part of explicated tond sixen, used, excitated or second for Adoms Road.

19, Highly of famous in pospession, or openins neigh

SCHOOLS A - CHIEFT "A"

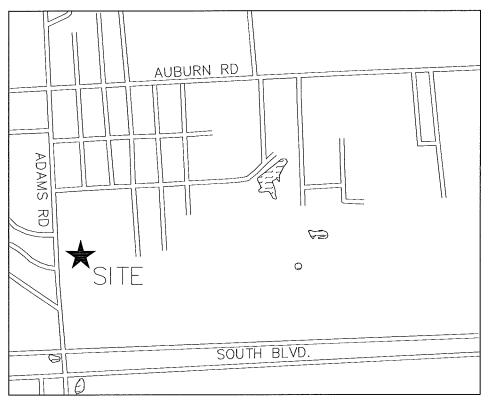
the field referred to in this confidences is removed as liberal they of Rochester film. Change of October of Highlight

but of the Sovience LVA of Section 31, commercing at the Section 31 commercing to the Section 31 commercing to the Section 31 commercing to the Section 31 commercing of Section 31 commercing of Section 31 commercing of Section 31 commercing of Section 31 commercing at Section 31 commercing 41 commercing 41 commercing 42 co

Tex item ita: 15-31-351-037

ROCHESTER HILLS, OAKLAND COUNTY, MICHIGAN

TAX PARCEL ID: 15-31-301-037



LOCATION MAP

(NOT TO SCALE)

NOTE

), BEARINGS ARE DASED ON TITLE OFSCRIPTION.

2. WARER WAIN, STORM SEWER, SAMTARY SEWER AND UNDERFORDUND UTILITY STRUCTURES HAVE BEEN PEID LOCATION WHERE WE'SBEE, NO CHARACTE CAN BE WAD TO THE COMPLETENESS, EXACTICESS OR CORRECTIVESS OF THESE LOCATIONS.

3. THE SUBJECT SITE LES WITHIN FLOOD ZONE TO PER THE JEMA SIRM DAP OF THE OTY OF HOCHESTER HILLS, CANDANO COUNTY, DICHORAN, PAREL NUMBER 506477-0389-F, WITH AN ETTECHNE DATE OF SEPTEMBER 29, 2008.

- 4 THE DIBLECT SHE IS CLAREUTLY TOWNOL EP-EFFCIAL PURPOSE DISTRICT PER THE ZOURIS CARRIANCE FOR THE CURRENT USE OF THE CATE.
 - Convolescent homes and nursing homes.
 Convolescent and nursing homes that not exceed a height of two stories unless whereal as provides in Footnate (e) of section 138-111 of the schedule of regulations.
 No building sholl be disease than 50 feet to any property the.
 The site sholl be developed to as to provide 600 equate feet of hand size for each size provided in the convolvation fainty.
 One positing space shall be provided for each two beas in the convolvations.
 - iv. One pointing apone and the provided for each two teers in the connectation that the provided for each two teers in the connectation to the aldedy.

 1. In the making for the aldedy that the provided provided the provided for the selection of the provided the provided in the provided the provided in footback (0 of a scalar). It is a subject to the aldedy and exceeding a height of three stories, unless wolved as provided in footback (0 of a scalar). It is a fact that 100 square feel excessive of all the provided provided the provided provided the provided provided the provided provided the provided configuration of the find and configuration that the provided point from the area used to the height provided provided the provided provided provided the provided provided the provided provided provided the provided provided provided the provided prov

5 THERE IS NO OBSERVABLE EMPENCE OF EARTH MOVING WORK, RECENT BUILDING CONSTRUCTION, SOLID WASTE DUVP, SUMP, OR SANITARY LANDRLL ON THIS SITE

b. THERE ARE NO PROPOSED CHANGES NO STREET RICHT-OF-WAY LINES.

7. RESTRENCY SURVEY - APACIL-HERS SOR NO. 07601301. CAD THE

7. REFERENCE SURVEY + AFACIL-HICKS JOH NO. 07001301, CAD THE 0700130145-01, DATED NOVIMBER 15, 2001, LAST REVISED APRIL 15, 2004



30800 NORTHWESTERN HWY, SUITE 100 FARMINGTON HILLS, MICHIGAN 48334 PHONE 248.932.8300 FAX 248.932.8301 COFFEGHT 203 - FUSCO, SHAFFER & PAFPAS, D.C.

giffels webster

Planners Landscape Architects Environmental Specialists

6303 26 Mile Road, Suite 100 Washington, MI 48094 p (586) 781-8950 f (586) 781-8951 www.giffelswebster.com



OB.14.15 SITE PLAN APPROVAL
OB.20.15 SITE FLAN APPROVAL
OB.0.15 OWNER REVIEW
OF.04.15 OWNER REVIEW
O4.22.15 FIRE MARSHAL REVIEW
ESUE

KEY PLAN

FSP PROJECT NO. AMH12.008 GW PROJECT NO. 17568.03

DRAWING III

COVER

DRAWING NUMBER

SP-01

DEAN A DEAN A DESCRIPTION OF A CONSTRUCTION DRAWINGS

GENERAL NOTES

- 1. ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE CURRENT STANDARDS, SPECIFICATIONS AND GENERAL CONDITIONS OF THE CITY OF ROCHESTER HILLS, DAKLAND COUNTY, AND ANY/OR OTHER AGENCIES HAVING JURISDICTION.
- 2 JULITY INFORMATION SHOWN ON THESE PLANS WAS OBTAINED FROM UTILITY OWNERS AND THEREFORE MAY NOT BE ACCURATE OR COMPLETE. THE CONTRACTOR SHALL YERIFY AND OBTAIN ANY INFORMATION NECESSARY REGARDING THE PRESENCE OF UNDERGROUND UTILITIES WHICH MIGHT HAVE AN IMPACT ON THIS PROJECT, AND SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ANY PUBLIC OR PRIVATE UTILITIES WHETHER THEY ARE SHOWN OR NOT ON THE PLANS.
- 3. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY LOCATIONS AND ELEVATIONS OF EXISTING UTILITIES AT PROPOSED CONNECTIONS AND/OR CROSSINGS, AND TO NOTIFY THE ENGINEER OF ANY DISCREPANCIES TO THESE PLANS.
- 4. 72 HOURS PRIOR TO EXCAVATION, THE CONTRACTOR SHALL CONTACT MISS DIG AT (800) 482-7171 OR 811 FOR THE LOCATION OF UNDERGROUND GAS AND CABLE FACILITIES, AND SHALL ALSO NOTIFY REPRESENTATIVES OF ALL UTILITIES LOCATED IN THE VICINITY OF THE WORK.
- OBJECT PARTITIES FAULT BE OBTAINED BY THE CONTRACTOR. ALL PERMIT FEES, BONDS, AND INSURANCE REQUIRED BY THE ISSUING AGENCIES SHALL BE PROVIDED BY THE CONTRACTOR, AND MIST BE KEPT CURRENT. THE CONTRACTOR IS RESPONSIBLE FOR ALL OTHER FEES, INSPECTION COSTS, ETC., AND SHALL ADHERE TO ALL REQUIREMENTS SET FORTH IN SAID PERMITS.
- 6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING ALL WORK AREAS TO ENSURE THE SAFETY OF ALL OCCUPANTS, VISITORS, PEDESTRIANS, WORKERS.
- ETC. THE CONTRACTOR SHALL REPAIR AND WANTAIN ALL CONSTRUCTION FENCING AS NECESSARY.

 7. THE CONTRACTOR SHALL PROVIDE FOR CONTROLLED ACCESS TO THE SITE FOR USE BY THE VARIOUS WORK FORCES, EMERGENCY VEHICLES, OCCUPANTS VISITORS, ETC. THROUGHOUT CONSTRUCTION, THIS ACCESS MUST PROVIDE FOR THE REMOVAL OF MUD FROM VEHICLES TIRES. ROADWAYS AND DRIVEWAYS SHALL BE MAINTAINED OPEN FOR EMERGENCY VEHICLES AT ALL TIMES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE RESIDENTS AND BUSINESSES WHOSE DRIVEWAYS ARE AFFECTED BY HIS SCHEDULE 24 HOURS IN ADVANCE. CONTRACTOR SHALL SCHEDULE CONSTRUCTION AT NON-PEAK USE HOURS AND SHALL MINIMIZE DRIVEWAY CLOSURE BY EXPEDITING CONSTRUCTION.
- THE CONTRACTOR SHALL PROVIDE NECESSARY SIGNS, BARRICADES, AND LIGHTS TO PROTECT THE TRAFFIC AND THE WORK AS DIRECTED BY THE PLANS OR BY THE AGENCY WITH JURISDICTION. ALL TRAFFIC CONTROLS SHALL BE IN ACCORDANCE WITH THE MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MMUTCD)
- AND CITY OF ROCHESTER HILLS DEPARTMENT OF PUBLIC WORKS.

 9. THE CONTRACTOR IS REQUIRED TO CONFINE CONSTRUCTION ACTIVITIES TO THE LIMITS OF THE SITE AS SHOWN ON THE CONSTRUCTION PLANS. ANY DAMAGE OR DISRUPTION TO ADJACENT SITES IS THE RESPONSIBILITY OF THE CONTRACTOR TO CORRECT IMMEDIATELY. NO OFF-SITE WORK SHALL BE PERFORMED OUTSIDE OF PUBLIC RIGHTS-OF-WAY OR DEDICATED EASEMENTS WITHOUT PRIOR WRITTEN APPROVAL OF THE PROPERTY OWNER.
- 10. GREAT CARE SHALL BE TAKEN TO AVOID DAMAGE TO VEGETATION OUTSIDE THE CLEARING AND GRUBBING LIMITS. NO DRIVING OR PARKING OF VEHICLES AND/OR STORAGE OF MATERIALS AND SUPPLIES SHALL BE PERMITTED OUTSIDE THE LIMITS OF CONSTRUCTION
- 11. ALL ELEVATIONS ON THESE PLANS ARE ON CITY OF ROCHESTER HILLS.
- 12. THE PROTECTION OF EXISTING TREES, AS REQUIRED, SHALL BE SOLELY THE CONTRACTOR'S RESPONSIBILITY.
- 13. ALL CONSTRUCTION SHALL HAVE INSPECTION PROVIDED BY THE CITY OF ROCHESTER HILLS. THE CONTRACTOR SHALL CONTACT THE CITY OF ROCHESTER HILLS 48 HOURS BEFORE THE START OF CONSTRUCTION.
- 14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DUST CONTROL, AND SHALL PROVIDE ALL NECESSARY MATERIAL AND EQUIPMENT TO KEEP DUST IN CHECK AT ALL TIMES. THE CONTRACTOR SHALL RESPOND IMMEDIATELY TO ANY AND ALL COMPLAINTS. DUST CONTROL SHALL BE INCIDENTAL TO THE PROJECT. 15. DURING CONSTRUCTION, THE CONTRACTOR MAY ENCOUNTER SPRINKLER HEADS, PIPING, LIGHTING AND BURIED ELECTRICAL CABLE, MAILBOXES, FENCES, SIGNS,
- ETC., THAT MAY OR MAY NOT BE INDICATED ON THESE PLANS. THE CONTRACTOR SHALL REPLACE AND/OR RESTORE ALL COMPONENTS OF SUCH SYSTEMS. ALL DISTURBED AREAS SHALL BE RESTORED TO THEIR ORIGINAL CONDITION, MINIMUM STANDARD REQUIREMENTS, OR AS SPECIFIED HEREIN; WHICHEVER IS MORE
- 16 ROADWAY DRIVEWAY AND PARKING AREA FINAL RESTORATION SHALL BE PERFORMED WITH SURFACE AND BASE MATERIALS MATCHING EITHER THE EXISTING MATERIALS IN QUALITY AND THICKNESS, PER MINIMUM REQUIREMENTS, OR PER THE FOLLOWING; WHICHEVER IS MORE STRINGENT:
- A. ASPHALT ON CONCRETE ROADWAYS 1.5" MDOT HMA, 4C ON 2" MDOT HMA, 3C.
- B. CONCRETE DRIVEWAYS ON 8" 4000 PSI CONCRETE ON 6" 21AA OR 22A CRUSHED LIMESTONE
- C. ASPHALT HEAVY DUTY 1.5" MDOT HMA, 1100T (36A), 2.5" MDOT HMA, 1100L (20AA) ON 10" AGGREGATE BASE, MDOT 21AA.
- 17. ALL LOT MARKERS AND MONUMENT POINTS DISTURBED DURING CONSTRUCTION SHALL BE REPLACED BY A REGISTERED LAND SURVEYOR AT THE EXPENSE OF THE

18. FINAL CLEANUP AND RESTORATION SHALL CONSIST OF FINE GRADING OF CONSTRUCTION AREAS, REMOVAL OF CONSTRUCTION SIGNS, ETC. TOPSOIL SHALL B SPREAD OVER ALL DISTURBED AREAS, FOLLOWED BY SEED, FERTILIZER AND EROSION MAT OR STRAW MULCH, OR AS FURTHER REQUIRED BY THE LANDSCAPING PLANS AND SPECIFICATIONS. ALL REQUIRED RESTORATION ITEMS NOT SPECIFICALLY IDENTIFIED AS A PAY ITEM SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT. THE UTILITY POLES SHOWN ON THESE DRAWINGS ARE INTENDED TO SHOW ONLY THE LOCATION OF EXISTING POLES. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE QUANTITY AND DIRECTION OF OVERHEAD LINES. THE COST FOR SUPPORTING AND RELOCATING POLES SHALL BE INCIDENTAL TO THE PROJECT. 20. THE MEANS AND METHODS OF CONTROLLING GROUNDWATER AND DEWATERING ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. ALL COST ASSOCIATED WITH DEWATERING SHALL BE INCIDENTAL TO THE CONTRACT

DEMOLITION NOTES

G/S

E ELEC. TRANS.

TELE, MH

GAS MH

GAS VALVE

DEDECT UTILITY FLAG

Y BENCHMARK

CAS RISER

SET IRON UTILITY POLE

- REFER TO THE GENERAL NOTES FOR ADDITIONAL REQUIREMENTS AND RESPONSIBILITIES.
- WITH THE EXCEPTION OF AN AMOUNT OF EXCAVATED MATERIALS SUFFICIENT FOR BACKFILLING AND CONSTRUCTION OF FILLS AS CALLED FOR ON THE PLANS AND AS INDICATED BELOW, ALL BROKEN CONCRETE, STONE AND EXCESS EXCAVATED MATERIALS SHALL BE DISPOSED OF BY THE CONTRACTOR. THE CONTRACTOR WILL BE REQUIRED TO OBTAIN THEIR OWN DISPOSAL GROUND, AND WILL RECEIVE NO ADDITIONAL COMPENSATION FOR DISPOSING OF ANY OF THE EXCESS MATERIALS. MATERIALS ACCEPTABLE TO THE ENGINEER MAY BE DISPOSED OF ON-SITE AT THE CONTRACTORS EXPENSE IN A MANNER APPROVED IN ADVANCE BY THE ENGINEER.

 3. THE EDGE OF EXISTING PAYEMENT SHALL BE CLEANED OF EARTH AND OTHER FOREIGN MATERIAL BEFORE ADJACENT POURS ARE PLACED.
- 4. ALL BULGHEADING AND/OR SEWER PIPE REMOVAL NECESSITATED BY THE REMOVAL OF DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE STRUCTURE REMOVAL.
 5. STREET SIGNS IN THE WAY OF CONSTRUCTION WILL BE REMOVED AND RESET IMMEDIATELY IN A TEMPORARY LOCATION, AS APPROVED BY ENGINEER.
- THE CONTRACTOR SHALL PROTECT ALL EXISTING SIGNS AND POSTS SCHEDULED TO REMAIN, AS DIRECTED BY THE ENGINEER.
- 7. ALL UNDERGROUND UTILITIES NOT INDICATED FOR REMOVAL SHALL BE PROTECTED THROUGHOUT CONSTRUCTION

TOPOGRAPHIC SURVEY LEGEND

---- SAN. UNE

(L) PUBLIC LIGHTING MH

(S) SAN, WH

WATER VALVE

⊖ STORM MH

O MANHOLE

O UTILITY POLE

> FDC CONNECTION

CATCH BASE

POST INDICATOR VALVE

THYDRANT

----- EASEMENT UNE

OC.O. STORM CLEAN OUT A ELEC. RISER

STM STORM LINE

8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL PRIVATE PROPERTY (INCLUDING BUILDINGS AND FOUNDATIONS) THROUGHOUT CONSTRUCTION AND SHALL MAINTAIN SAFE PEDESTRIAN ACCESS AT ALL TIMES.

DEMOLITION LEGEND

■関語回回 ■ 図 図 図 図 ■ SAWCUT CLEAN EDGE

ASPHALT REMOVAL

X TREE REMOVAL

CONCRETE REMOVAL

THE REMOVAL OF PAVEMENT, CURBS AND WALKS SHALL INCLUDE ALL REQUIRED SAWCUTTING, CURB REMOVAL IS INCIDENTAL TO PAVEMENT REMOVAL

UTILITY NOTES

- 1 REFER TO THE GENERAL NOTES FOR ADDITIONAL REQUIREMENTS AND RESPONSIBILITIES.
- 2. REFER TO ARCHITECTURAL PLANS TO COORDINATE ALL:
- A WATER SUPPLY, METERING, SPRINKLER AND FDC PIPING, DESIGN AND COORDINATION
- B. BUILDING SEWER, BUILDING DRAIN DESIGN AND CONNECTIONS TO CLEAN OUTS AND ROOF CONNECTORS C. GAS, ELECTRIC AND COMMUNICATION SERVICES, AND LIGHTING DETAILS
- D. ALL BUILDING ACCESS WALKS AND ENTRY DETAILS, INCLUDING SUPPORTED SLABS E. ALL WORK TO CONSTRUCT THE BUILDING AND ALL ITEMS CONNECTED TO IT
- 3. ALL TRENCHES WITHIN A ONE ON ONE SLOPE OF PAYEMENT SHALL BE BACKFILLED WITH SAND (MODT CLASS II MINIMUM) AND MECHANICALLY COMPACTED IN NOT MORE THAN 9" LAYER TO 95% MAXIMUM DRY DENSITY PER MODIFIED PROCTER COMPACTION TEST ASTM D-1557. COMPACTED SAND BACKFILL SHALL ALSO BE PROVIDED FOR ALL SEWER TRENCHES LOCATED UNDER, OR WITHIN, THREE FEET OF PAVEMENT.
- 4. THE COST OF ALL TREE STUDE FOUNDATION AND/OR STRUCTURE REMOVAL AND DISPOSAL NOT INCLUDED IN THE PROPOSAL SHALL BE CONSIDERED INCIDENTAL AND INCLUDED IN THE PRICE BID FOR WATER MAIN, SANITARY SEWER, STORM SEWER, AND PAYING WORK.
- 5. A MINIMUM VERTICAL CLEARANCE OF 18 INCHES IS REQUIRED AT UTILITY CROSSINGS (MEASURED FROM THE OUTSIDE OF PIPE TO THE OUTSIDE OF PIPE), POSITIVE PROVISIONS SHALL BE MADE TO ENSURE THAT ALL UTILITY TRENCHES ARE FREE DRAINING DURING ALL PHASES OF CONSTRUCTION.
- 6. THE REQUIRED BEDDING FOR SEWER PIPE SHALL CONSIST OF A MAXIMUM 3/4 INCH DIAMETER CRUSHED STONE
- 7. THE MINIMUM SLOPE FOR A BUILDING LEAD IS 1%, LEADS SHALL ONLY BE CONNECTED TO THE MAIN LINE WITH WYES.
- B. ALL STORM SEWER PIPE SHALL BE CONSTRUCTED WITH RUBBER GASKET (PREMIUM) JOINTS.
- THE CONTRACTOR SHALL COORDINATE THE REMOVAL OF ALL UTILITY LINES AND STRUCTURES, AS OUTLINED ON THE DEMOLITION PLAN, WITH THE INSTALLATION OF UTILITY IMPROVEMENTS.
- IO. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING GRADE MODIFICATIONS INDICATED ON THE FINISHED LANDSCAPE PLAN, AND COORDINATE THE ACTUAL FINISH GRADE OF FIRE HYDRANTS, GATE VALVE CASTINGS, MANHOLES, YARD DRAINS, CLEAN OUTS AND OTHER UTILITY STRUCTURES. FINSURE THAT ALL FINISH GRADING IS PERFORMED IN A MANNER THAT ACCOMPLISHES THE PROJECT DESIGN OBJECTIVES AND PROVIDES FOR POSITIVE DRAINAGE OF ALL AREAS, ANY SUBSTANTIAL GRADE CHANGES WHICH MAY CAUSE FUNCTIONAL PROBLEMS SHALL BE REPORTED PROMPTLY TO THE ENGINEER WHO SHALL EVALUATE THE CONDITIONS AND PROVIDED CORRECTIONAL RECOMMENDATIONS TO THE OWNER FOR FINAL DETERMINATION.
- THAT WILL FACILITATE THAT PROPER INSTALLATION PRIOR TO PLACING THE PAYEMENT MATERIALS. ENSURE THAT ALL REQUIRED TO CORDINATE THE INSTALLATION OF GAS, ELECTRIC, PHONE, CABLE, SPRINKLERS ETC., IN SUCH A MAINER THAT WILL FACILITATE THEIR PROPER INSTALLATION PRIOR TO PLACING THE PAYEMENT MATERIALS. ENSURE THAT ALL REQUIRED PIPES, CONDUITS, CABLES AND SLEEVES ARE PROPERLY PLACED AND THAT THE TRENCHES ARE PROPERLY BACKFILLED AND COMPACTED.
- 12. THE CONTRACTOR SHALL REMOVE UTILITIES, WHICH HAVE BEEN ABANDONED IN PLACE, AS REQUIRED TO COMPLETE INSTALLATION OF NEW UTILITIES. WHENEVER ARANDONED UTILITIES ARE CUT. CONTRACTOR SHALL COMPLETELY CAP BOTH ENDS TO PREVENT THE INFILTRATION OF SOILS. 13. NO CONNECTION MAY BE MADE TO ANY EXISTING WATER MAIN UNTIL THE NEW MAIN HAS PASSED ALL PRESSURE AND BACTERIOLOGICAL TESTING.
- 14 ROADWAY DRIVENAY AND PARKING AREA CROSSINGS SHALL BE TEMPORARILY CONDITIONED IMMEDIATELY AFTER CROSSING BY PLACING 8" OF MOOT 22A GRAYEL OR SLAG AGGREGATE, AND SHALL BE WAINTAINED IN GOOD, DUST FREE CONDITION UNTIL PAYEMENT RESTORATION IS MADE

PAVING AND GRADING NOTES

- . REFER TO THE GENERAL NOTES FOR ADDITIONAL REQUIREMENTS AND RESPONSIBILITIES.
- THE PAVING CONTRACTOR SHALL BE REQUIRED TO COORDINATE THE INSTALLATION OF GAS, ELECTRIC, PHONE, CABLE, SPRINKLERS, ETC. IN SUCH A ANNIER THAT WILL FACILITAE THEIR PROPER INSTALLATION THAT THE TRENCHES ARE PROPERLY BACKFILLED AND COMPACTED.

 CABLES AND SLEEVES ARE PROPERLY PLACED AND THAT THE TRENCHES ARE PROPERLY BACKFILLED AND COMPACTED.
- 3. BUTT JOINTS SHALL BE PLACED AT ALL LOCATIONS WHERE AN EXISTING ASPHALT PAVEMENT SURFACE IS BEING DISTURBED BY REMOVALS AND/OR THE INSTALLATION OF NEW ASPHALT PAVEMENT.
- 4. ALL PAYEMENT AREAS SHOULD BE CLEARED AND GRUBBED BY REMOVING SURFACE VEGETATION, TOPSOIL, DEBRIS AND OTHER DELETERIOUS MATERIALS. THE PLACEMENT OF THE FINAL ASPHALT LIFT SHALL BE DELAYED UNTIL THE MAJORITY OF THE CONSTRUCTION ACTIVITIES HAVE BEEN COMPLETED, OR AS APPROVED BY THE OWNER. A BOND COAT OF SS-1H EMULSION SHALL BE APPLIED (AT A RATE OF 0.10 GALLONS/S.Y.D.) BETWEEN THE LEVELING
- AND WEARING COURSE WHEN 48 HOURS HAVE ELAPSED BETWEEN PLACEMENTS. THE FINAL SUB-GRADE SHALL BE THOROUGHLY PROOF-ROLLED UNDER THE OBSERVATION OF THE SOILS ENGINEER.
- PROPOSED AGGREGATE BASE SHALL EXTEND A MINIMUM OF 1 FOOT BEYOND THE PAVEMENT EDGE/BACK OF CURB. B. ALL TRENCHES WITHIN A ONE ON ONE SLOPE OF PAYEMENT SHALL BE BACKFILLED WITH SAND (MDOT CLASS II MINIMUM) AND MECHANICALLY
- COMPACTED IN NOT MORE THAN 9" LAYER TO 95% MAXIMUM DRY DENSITY PER MODIFIED PROCTER COMPACTION TEST ASTM D-1557.
- 9. NO FROZEN MATERIAL SHALL BE PERMITTED AS BACKFILL UNDER ANY ROADWAY, DRIVEWAY OR PARKING AREA. 10. PRIOR TO THE START OF ANY FILLING, THE CONTRACTOR SHALL REMOVE ALL TOPSOIL AND ALL OTHER UNACCEPTABLE SOIL FROM THE FILL AREAS,
- AND PROPERLY BACKFILL WITH ACCEPTABLE SOIL. 11. BARRIER FREE SIGNAGE SHALL BE PLACED IN FRONT OF EVERY DESIGNATED BARRIER FREE STALL. THE CONTRACTOR SHALL COORDINATE STANDARD
- AND VAN ACCESSIBILITY SIGNAGE AS INDICATED ON THE PLANS.
- 12. ALL BARRIER FREE RAMPS TO BE A.D.A. COMPLIANT.

PROPOSED HEAVY DUTY ASPHALT

PROPOSED STANDARD DUTY ASPHALT

PROPOSED PATIO

PROPOSED 4" CONCRETE

PROPOSED B" CONCRETE

PROPOSED WALK PROPOSED BUILDING

PROPOSED HANDRAIL

PARKING SPACE COUNT

PROPOSED RETARING WALL

PROPOSED PARKING STRIP

SETBACK

PROPOSEO 18" CONCRETE CURB & STANDARD GUTTER

PROPOSED 18" REVERSED CONCRETE CURB & STANDARD GUTTER

SITE PLAN LEGEND

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- 13. ALL DRIVEWAY APPROACHES AND ALLEY RETURNS TO COMPLY WITH THE CITY OF ROCHESTER HILLS STANDARDS.
- 14. GENERAL GRADING REQUIREMENTS ARE AS FOLLOWS:
- A FINISH GRADE AT EXISTING BUILDING SHALL MATCH BRICK LEDGES, DOORWAYS OR BOTTOM OF BASEMENT WINDOWS
- B. MAINTAIN POSITIVE DRAINAGE AWAY FROM ALL BUILDING (± 1%)
- C. SIDEWALK CROSS SLOPE 2% MAXIMUM AND 1% MINIMUM (EXCLUDING RAMPS). D. PAVEMENT SLOPES (1.0% MINIMUM, 7.5% MAXIMUM) UNIFORMLY BETWEEN FINISH GRADE ON PLANS
- E. LAWN AREAS ± 1% MINIMUM TO 33% (BERMS) MAXIMUM
- 15. ALL PROPOSED GRADES ARE AT THE CUTTER UNLESS OTHERWISE NOTED. SEE DETAILS FOR FACE OF CURB, TOP OF CURB AND ASPHALT
- 16. PRIOR TO THE PLACEMENT OF ANY BASE ASPHALT OR LEVELING COURSE, THE CURBS SHALL BE PARTIALLY BACKFILLED AND THE SUB-GRADE SHALL BE PROOF-ROLLED UNDER THE SUPERVISION OF THE SOILS ENGINEER.

 17. ALL SIDEWALK AND PATHWAYS IN ANY PUBLIC R.O.W. SHALL BE INSPECTED BY THE AGENCY WITH JURISDICTION.

EROSION CONTROL NOTES

PONDS AND WETLANDS)

- REFER TO THE GENERAL NOTES FOR ADDITIONAL REQUIREMENTS AND RESPONSIBILITIES.
- ALL EROSION AND SEDIMENTATION CONTROL WORK SHALL CONFORM TO THE CURRENT STANDARDS AND SPECIFICATIONS OF GAKLAND COUNTY ANY EROSION AND SEDIMENTATION FROM WORK ON THIS SITE SHALL BE CONTAINED WITHIN THE WORK AREA AND NOT ALLOWED TO COLLECT ON
- ANY OFF-SITE AREAS OR IN WATERWAYS. (WATERWAYS INCLUDE BOTH NATURAL AND MAN-MADE OPEN DITCHES, STREAMS, STORM DRAINS, LAKES,
- . THE CONTRACTOR SHALL APPLY TEMPORARY EROSION AND SEDIMENTATION CONTROL MEASURES AS DIRECTED ON THESE PLANS AND WHENEVER OTHERWISE REQUIRED BY THE WORK, THE CONTRACTOR SHALL REMOVE TEMPORARY MEASURES AS SOON AS PERMANENT STABILIZATION OF SLOPES,
- DITCHES AND OTHER CHANGES HAVE BEEN ACCOMPLISHED. 5. SOIL EROSION CONTROL PRACTICES WILL BE ESTABLISHED IN EARLY STAGES OF CONSTRUCTION BY THE CONTRACTOR, SEDIMENTATION CONTROL
- PRACTICES WILL BE APPLIED AS A PERIMETER DEFENSE AGAINST ANY TRANSPORTING OF DIRT OUT OF THE WORK AREA. THE CONTRACTOR SHALL PRESERVE NATURAL VEGETATION AS MUCH AS POSSIBLE.
- PROTECT ALL EXISTING TREES, INCLUDING THEIR BRANCHES AND ROOTS, FROM DAMAGE DUE TO THIS WORK UNLESS SPECIFICALLY IDENTIFIED FOR
- B. VEGETATION STABILIZATION OF ALL DISTURBED AREAS SHALL BE ESTABLISHED WITHIN 15 DAYS OF COMPLETION OF FINAL GRADING THE CONTRACTOR SHALL SWEEP THE EXISTING STREETS SURROUNDING THE PROJECT SITE ONCE A WEEK, OR AS DIRECTED BY THE ENGINEER OR
- INSPECTOR. STREET SCRAPING SHALL BE PERFORMED IN CONJUNCTION WITH THIS SWEEPING ON AN AS NEEDED BASIS.

 10. THE SEDIMENT CONTROL FENCING INDICATED ON THIS PLAN IS NOT INTENDED TO SHOW THE EXACT LOCATION OF THE FENCE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE REQUIRED TO CONTAIN SEDIMENT.
- 11, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING COMPLIANCE WITH ALL APPLICABLE NPDES REGULATIONS, INCLUDING: INSPECTION
- RESTORATION, AND RECORD KEEPING REQUIREMENTS.

 12. THE CONTRACTOR IS RESPONSIBLE FOR ON-GOING MAINTENANCE OF ALL SOIL EROSION CONTROLS AS INDICATED BY THESE PLANS.
- 13. CONSTRUCTION ACTIVITIES (INCLUDING INSTALLATION OF PIPE AND ASSOCIATED VALVES, STRUCTURES, BACK FILLING, SURFACE RESTORATION, AND REMOVAL OF EXCESS EXCAVATED MATERIAL) SHALL BE ACCOMPLISHED IN ONE CONTINUOUS OPERATION.
- 14. PAYEMENT AND/OR VEGETATION SHALL NOT BE STRIPPED FROM AN AREA UNLESS CONSTRUCTION ACTIVITIES ARE TO COMMENCE IN THAT AREA WITHIN THE NEXT THREE DAYS.

 15. IF FOR ANY REASON PERMANENT STABILIZATION CAN NOT BE PROVIDED WITHIN 15 DAYS OF THE COMPLETION OF PIPE LAYING OPERATIONS,
- TEMPORARY STABILIZATION SHALL BE PROVIDED AT ALL DISTURBED AREAS. TEMPORARY STABILIZATION SHALL FURTHERMORE BE PROVIDED DURING THE NON-GROWING SEASON (OCTOBER 1 THROUGH APRIL 20) FOR ALL AREAS TO BE SEEDED.
- TEMPORARY STABILIZATION SHALL CONSIST OF EITHER SMALL GRAIN STRAW OR GRASS HAY SPREAD AT THE RATE OF 1.5 TO 2 TONS PER ACRE, OR MULCH BLANKETS, WHICH SHALL BE ANCHORED IN PLACE TO PREVENT DISPLACEMENT FROM WIND AND RAIN. TEMPORARY STABILIZATION SHALL BE REPAIRED AS DETEN AS NECESSARY, AS DETERMINED BY THE AGENCY WITH JURISDICTION.
- 17. ALL DEWATERING SHALL BE ACCOMPLISHED IN A MANNER THAT WILL NOT CONTRIBUTE TO DEPOSITION OF SEDIMENT IN ROAD DITCHES OR OPEN
- 18. THIS PROJECT SHALL BE CONSTRUCTED IN COMPLIANCE WITH PART 91 OF ACT 451 OF 1994, AS AMENDED.
- 19. SEDIMENT CONTROL FENCING SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND SEVERAL TIMES DURING PROLONGED STORM EVENTS. IF THE FENCE IS SAGGING, OR SOIL HAS REACHED ONE HALF OF THE HEIGHT OF THE FABRIC, THE SOIL BEHIND THE FABRIC SHALL BE REMOVED AND DISPOSED OF IN A STABLE AREA OF THE SITE. IF WATER IS SEEPING UNDER THE FENCE, OR THE FABRIC IS DECOMPOSED OR OTHERWISE INEFFECTIVE, THE FENCE SHALL BE REMOVED AND PROPERLY REINSTALLED AS INDICATED ON THESE PLANS.
- 20. MUD MAT ENTRANCES SHALL BE INSPECTED IMMEDIATELY AFTER EACH STORM RAINFALL. THE SURROUNDING ROADS SHALL ALSO BE INSPECTED AT ZO. THIS TOUR FOR EMBERGE THAT MUD IS BEING TRACKED OFF OF THE SITE. MAINTENANCE SHALL INCLUDE THE INSTALLATION OF ADDITIONAL LAYERS OF STONE WHEN THE ORIGINAL STONE BECOMES COVERED WITH MUD. ALL SEDIMENT DROPPED OR TRACKED ONTO PUBLIC RICHT-OF-WAYS SHALL BE REMOVED IMMEDIATELY BY SWEEPING AND SCRAPING (AS MAY BE REQUIRED BY THE ENGINEER).
- 21. SEDIMENT INLET FILTERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND SEVERAL TIMES DURING PROLONGED STORM EVENTS. THE FILTERS SHALL BE CLEANED PERIODICALLY THROUGHOUT CONSTRUCTION TO AVOID CLOGGING. FILTERS THAT CANNOT BE MAINTAINED BY CLEA SHALL BE COMPLETELY REPLACED.

EROSION CONTROL SEQUENCE

- 1. NPDES PERMIT AND SOIL EROSION PERMITS AS REQUIRED.
- 2. INSTALL MUD MATS, SILT FENCE AND INLET FILTERS AT ALL EXISTING LOCATIONS AS SHOWN AND AS REQUIRED TO ACHIEVE ON-SITE CONTAINMENT. INSTALL STORM AND SANITARY SEWER AND ALL ASSOCIATED STORM WATER IMPROVEMENTS AS SHOWN ON PLANS. IMMEDIATELY INSTALL INLET FILTERS
- AT ALL, CATCH BASINS. ROUGH GRADE THE PROJECT "WORK AREA" AS NEEDED.
- 5. INSTALL WATER MAIN AS SHOWN ON PLANS.
- INSTALL OTHER UTILITIES (GAS, ELECTRIC, PHONE, CABLE, ETC.) AND/OR ALL NEEDED CONDUITS AND SLEEVES.
- INSTALL PAVEMENT BACKFILL AND SEED & MULCH ALL DISTURBED AREAS. . CLEAR ALL ACCUMULATED SILT AND REMOVE ALL EROSION CONTROL DEVICES.
- 9. INSTALL LANDSCAPING MATERIALS AS INDICATED PER PLANS & RE-SEED, FERTILIZE AND MULCH ALL DISTURBED AREAS.

IN COMPLIANCE WITH PUBLIC ACT 53 OF THE STATE OF MICHIGAN (EFFECTIVE) AUGUST 1, 1974, THE CONTRACTOR SHALL NOTIFY IN ADVANCE OF CONSTRUCTION (72 HOURS/3 WORKING DAYS) ALL PUBLIC AND PRIVATE UTILITY OWNERS HAVING EXISTING FACILITIES IN OR NEAR THE IMMEDIATE WORKING AREA FOR CONVENIENCE. THE KNOWN UTILITY OWNERS ARE LISTED BELOW. THIS LISTING DOES NOT, HOWEVER RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF VERIFYING UTILITY LOCATIONS AND NOTIFYING ALL UTILITY OWNERS AND MISS DIG (PHONE: 1-800-482-7171).

AMERITECH

DETROIT EDISON 313-237-9000

CITY OF ROCHESTER HILLS DEPARTMENT 248-656-4685

COMCAST CABLE COMPANY

UTILITY LEGEND GRADING LEGEND

EXISTING UTILITY FASEMENT

— — STORM LINE — — SAN, LINE — — WATER SERVICE — DT — DT — DRAIN TILE KXXXXI CU / GUTTER GRADE BOXXXXITC 1/2 TOP OF CURR CRADE SANITARY MANHOLE [XXXX]FG ✓ FINISHED GRADE CATCH BASIN [CXXXX]TA TOP OF ASPHALT GRADE REAR YARD CATCH BASH (XXXXX)TW ★ TOP OF WALK XXXXX RWALL - ROTTON OF WALL CRADE STORM MANHOLF XXXXXX TWALL / TOP OF WALL GRADE △ UTILITY CROSSING OXXXI ✓ SPOT GRADE WATER METER MXXXIFF + FINISHED FLOOR

EXXXXX BC X HACK OF CURR DROP BRICK LEDGE

HP HIGH POINT

MATCH EX. MATCH EXISTING GRADE





- SOIL EROSION CONTROL FENCE

SOIL EROSION & SEDIMENT CONTROL LEGEND



INLET FILTER

SOIL LINES LIMITS OF GRADING

DRAWING TITLE

DRAWING NUMBER

SP-02

BEFORE YOU DIG CALL MISS DIG CITY FILE #99-007.4 NOT TO BE USED AS CONSTRUCTION DRAWINGS

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SP FUSCO, SHAFFER & PAPPAS, INC.

ARCHITECTS AND PLANNERS

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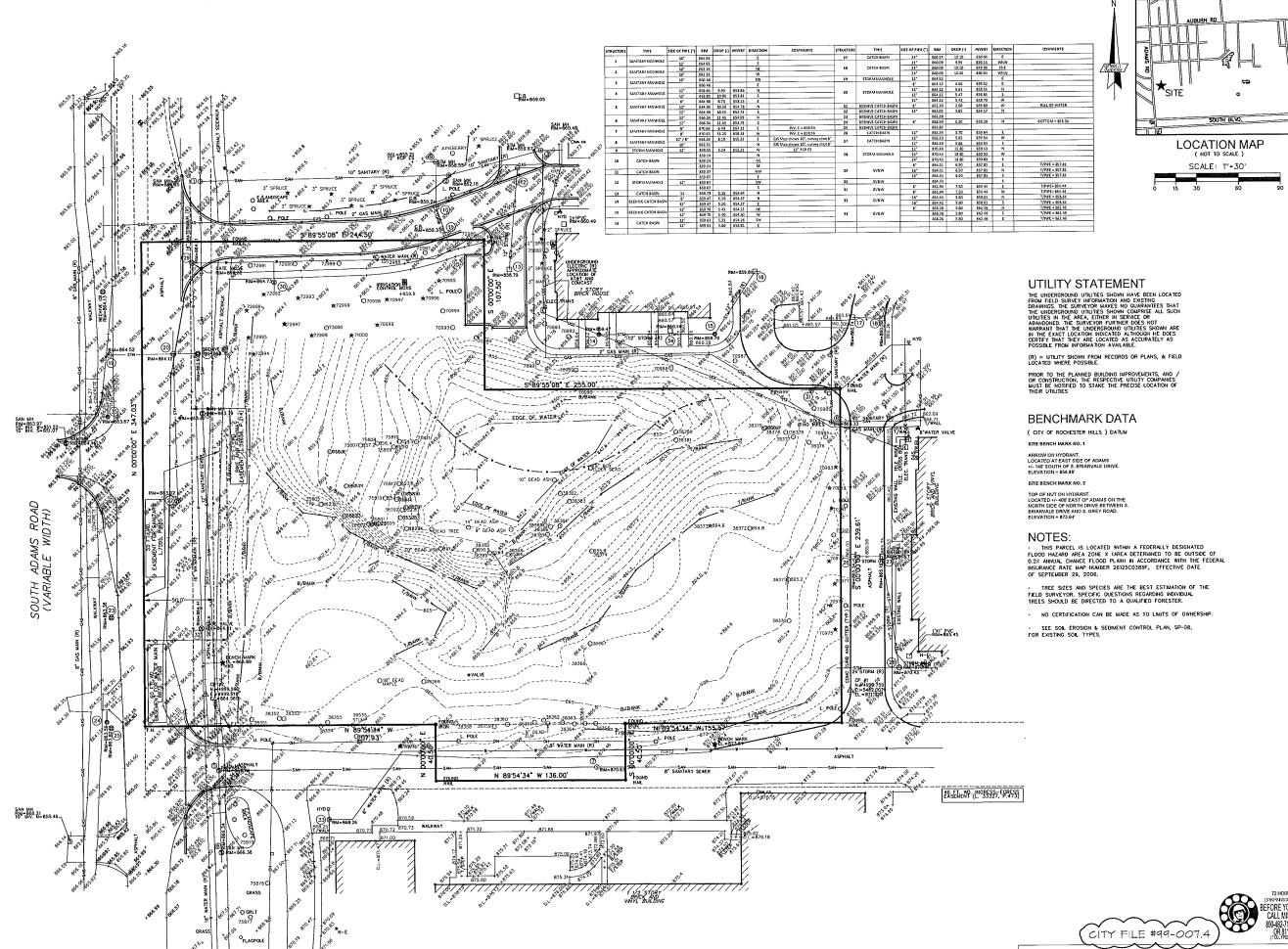
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08.14.13 SITE PLAN AFFROVAL 06.28.13 SITE PLAN APPROVAL 06,10,13 OWNER REVIEW 05.09.13 OWNER REVIEW 04.22.13 FIRE MARSHAL REVIEW

KEY PLAN

FSP PROJECT NO. AMH12.008 GW PROJECT NO. 17568.03

NOTES & DETAILS



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Se Miller Age COMMUNITIES

OB.14.13 SITE PLAN APPROVAL

06.28.13 SITE PLAN APPROVAL

06.10.13 OWER REVIEW

KEY PLAN

05.09.13 OWNER REVIEW
04.22.13 FIRE MARSHAL REVIEW
DATE ISSUE

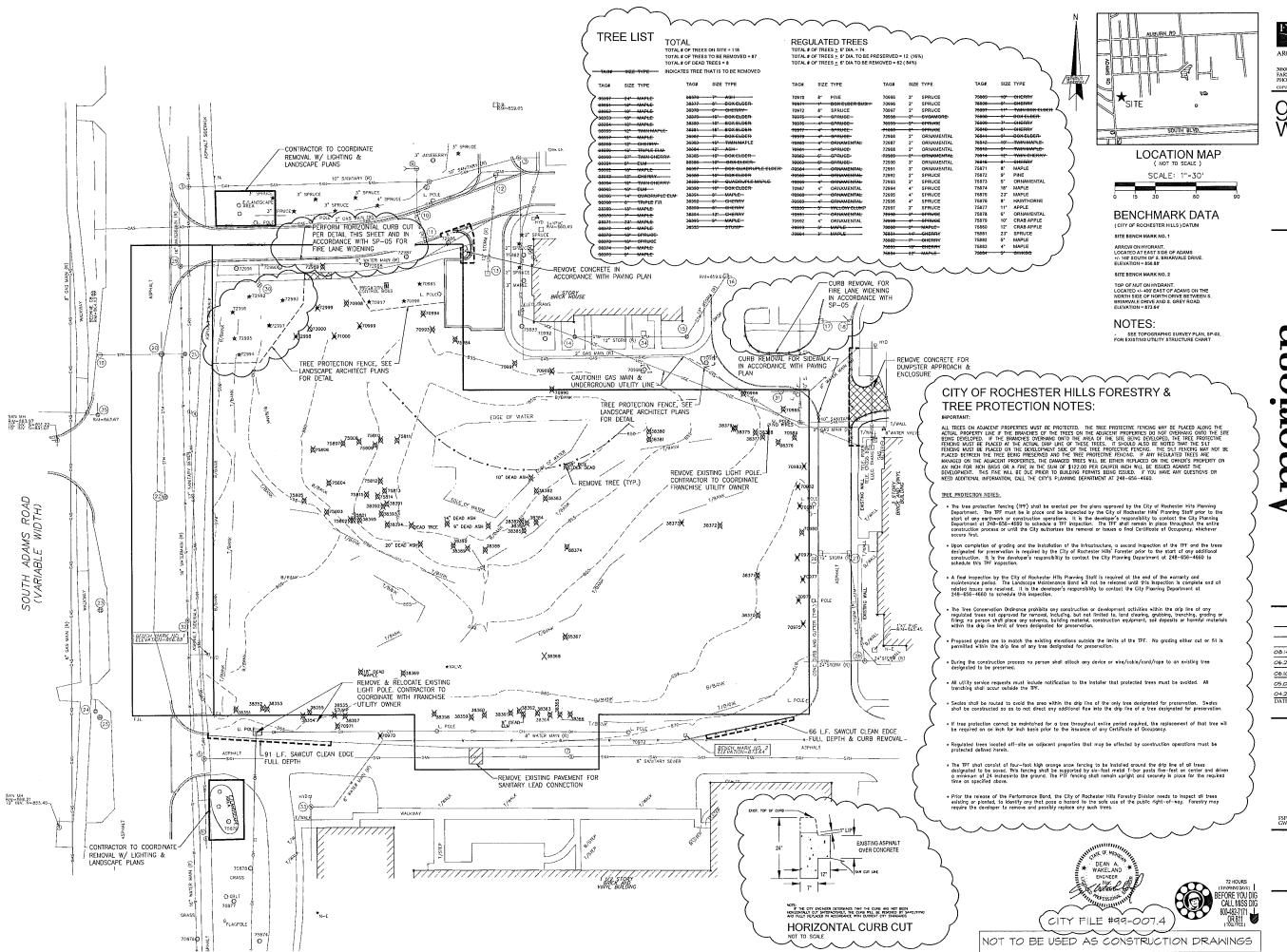
FSP PROJECT NO. AMH12.008 GW PROJECT NO. 17568.03

DRAWING TITLE

TOPOGRAPHIC SURVEY

DRAWING NUMBER SP-03

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OB.14.15 SITE PLAN AFPROVAL
O6.28.15 SITE PLAN AFPROVAL
O6.10.13 OWNER REVIEW
O5.09.13 OWNER REVIEW
O4.22.15 FIRE MARSHAL REVIEW
ESUE

KEY PLAN

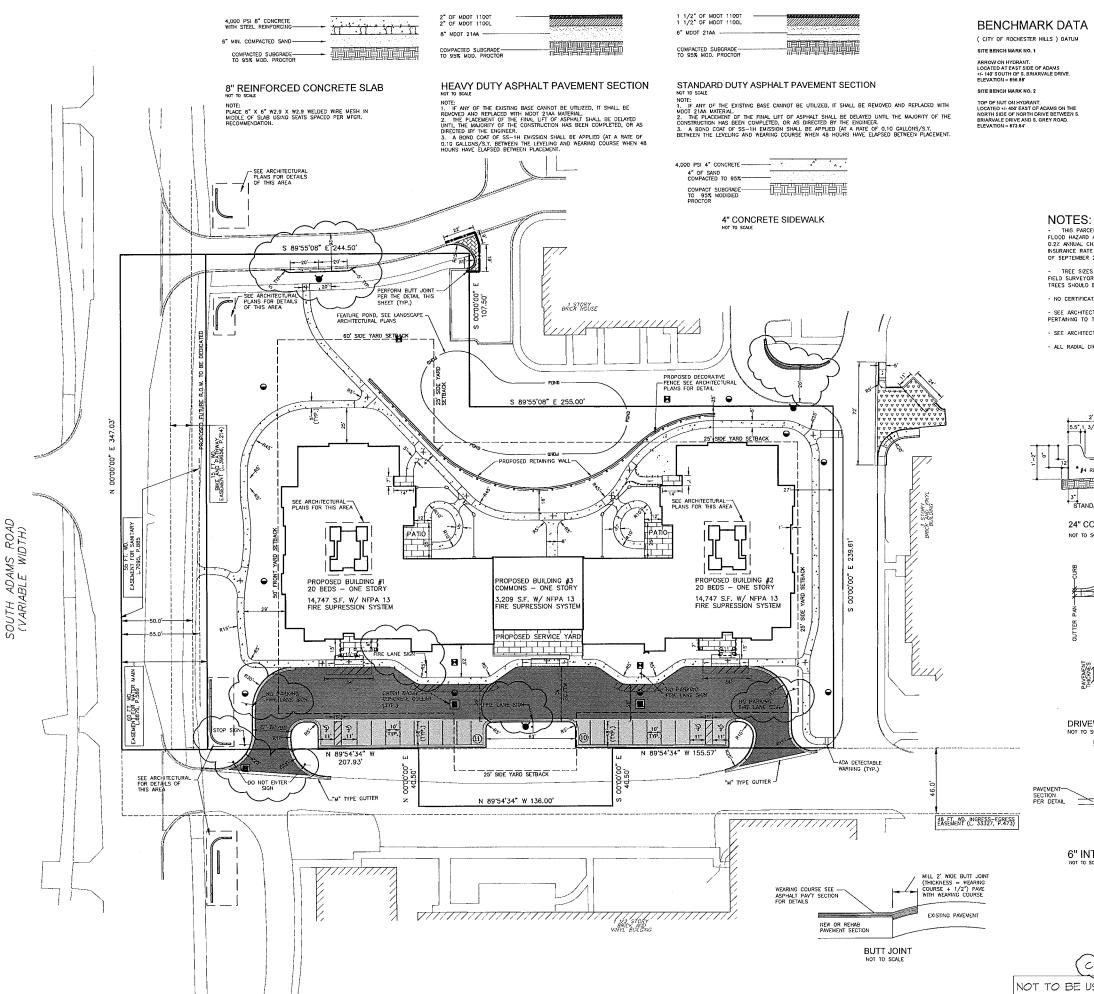
FSP PROJECT NO. AMH12.008 GW PROJECT NO. 17568.03

DRAWING TITLE

DEMOLITION PLAN

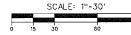
DRAWING NUMBER

SP-04



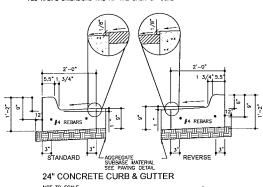


LOCATION MAP

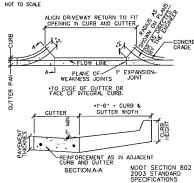


- THIS PARCEL IS LOCATED WITHIN A FEDERALLY DESIGNATED FLOOD HAZARD AREA ZONE X (AREA DETERMINED TO BE OUTSIDE OF 0.2% ANNUAL CHANCE FLOOD PLAIN) IN ACCORDANCE WITH THE FEDERAL INSURANCE RATE MAP NUMBER 26125C0389F. EFFECTIVE DATE OF SEPTEMBER 29, 2006

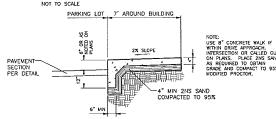
- TREE SIZES AND SPECIES ARE THE BEST ESTIMATION OF THE FIELD SURVEYOR. SPECIFIC QUESTIONS REGARDING INDIVIDUAL TREES SHOULD BE DIRECTED TO A QUALIFIED FORESTER.
- NO CERTIFICATION CAN BE MADE AS TO LIMITS OF OWNERSHIP
- SEE ARCHITECTURAL PLANS FOR SITE & PARKING SUMMARY
- ALL RADIAL DIMENSIONS ARE AT THE BACK OF CURB



NOT TO SCALE



DRIVEWAY OPENING (DETAIL "M")



6" INTEGRAL CONCRETE CURB & WALK



FUSCO, SHAFFER & PAPPAS, INC.

30500 NORTHWESTERN HWY, SUITE 100 FARMINGTON HILLS, MICHIGAN 48334 PHONE 248,932,8300 FAX 248,932,8301 COPPEIGHT 2013 - FUSCO, SHAFTER & FAFFAS, INC.

giffels webster Engineers Surveyors

Planners Landscape Architects Environmental Specialists

6303 26 Mile Road Suite 100 Washington, MI 48094 p (586) 781-8950

www.giffelswebster.com

| 28.14.13 | SITE PLAN APPROVA |
|----------|-------------------|
| 06.28.13 | SITE PLAN APPROVA |
| 26.10.13 | OWNER REVIEW |
| 25.04.13 | OWNER REVIEW |
| 24.22.15 | FIRE MARSHAL REVI |
| DATE | ISSUE |

KEY PLAN

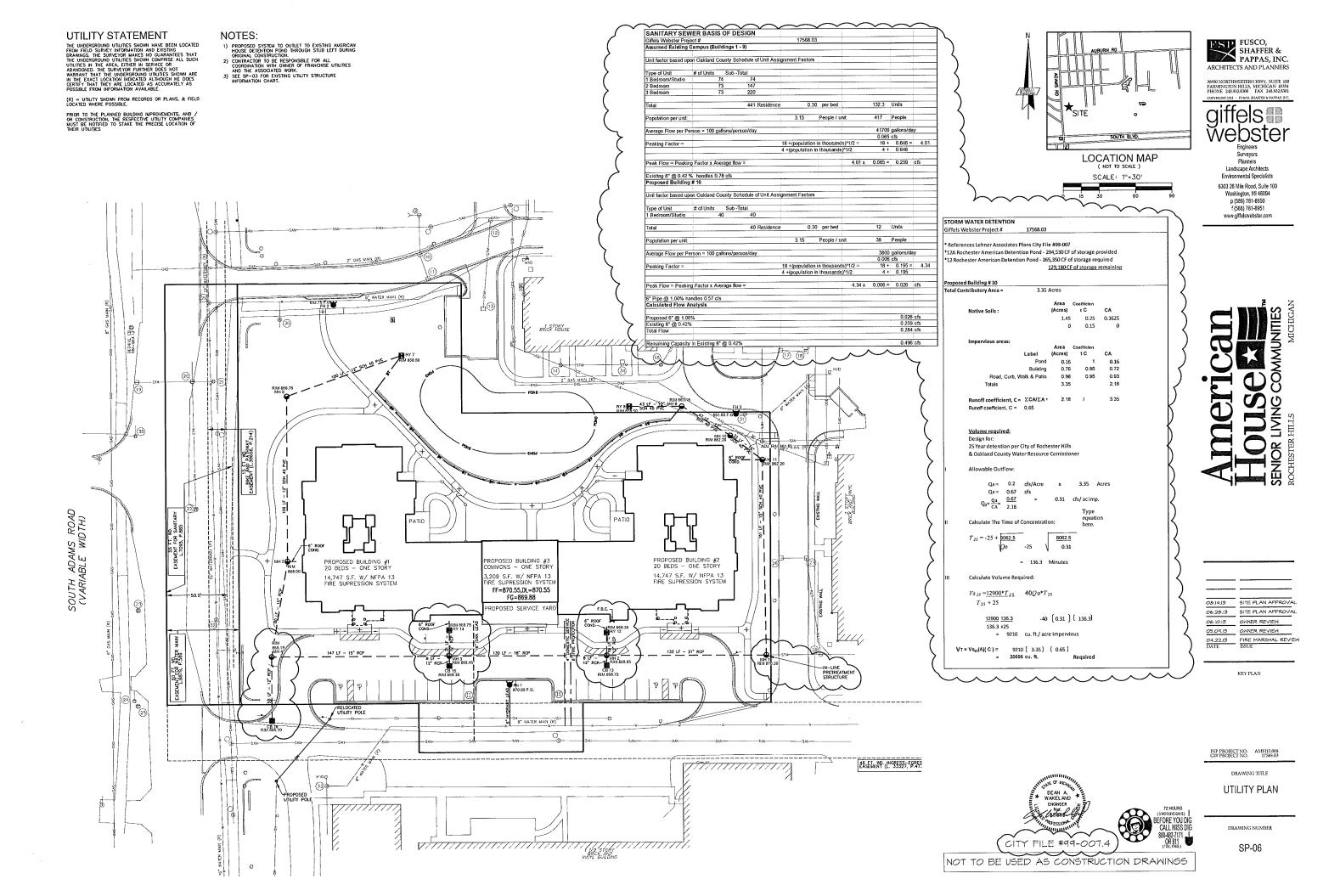
FSP PROJECT NO. AMH12.008 GW PROJECT NO. 17568.03

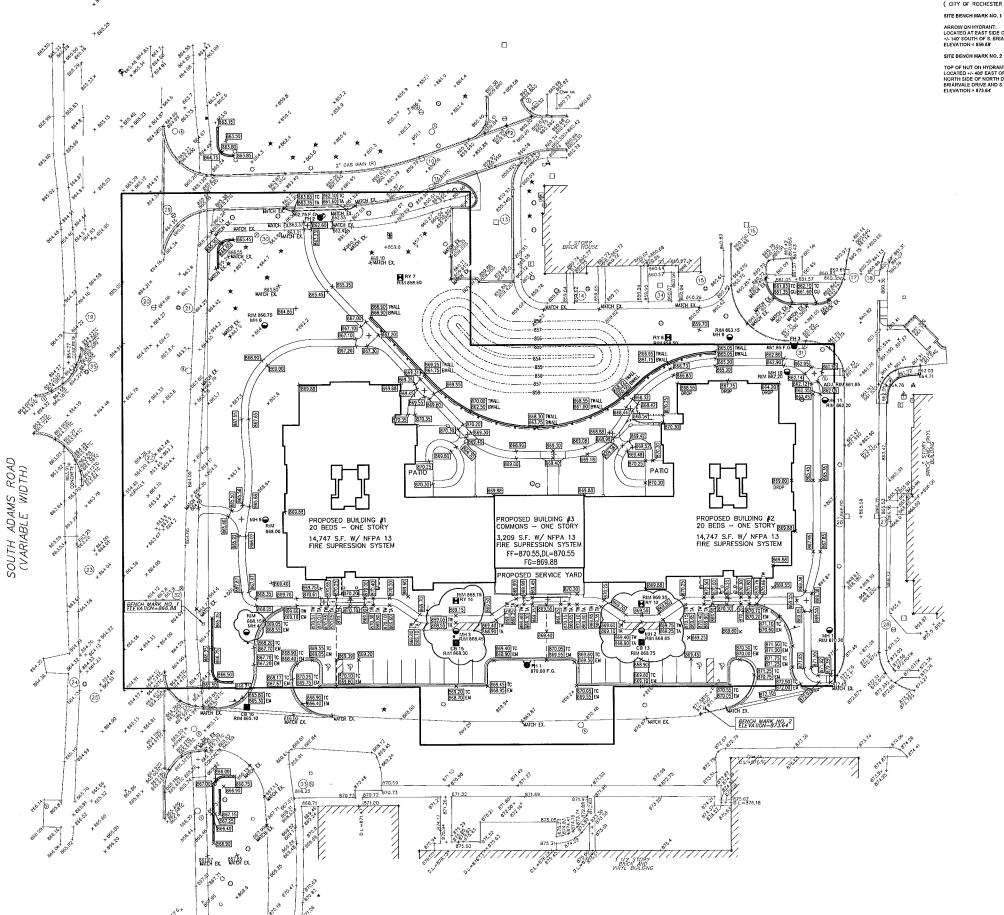
SITE PLAN

DRAWING NUMBER

SP-05

NOT TO BE USED AS CONSTRUCTION DRAWINGS



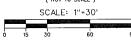


BENCHMARK DATA

(CITY OF ROCHESTER HILLS) DATUM



LOCATION MAP





Engineers Surveyors Planners Landscape Architects Environmental Specialists

6303 26 Mile Road, Suite 100

Washington, MI 48094 p (586) 781-8950 1 (586) 781-8951 www.giffelswebster.com



| , | |
|------------------|--------------------|
| 08.14.13 | SITE PLAN APPROVAL |
| 06.28.13 | SITE PLAN APPROVAL |
| 06.10.13 | OWNER REVIEW |
| 05.09.13 | OWNER REVIEW |
| 04.22.13 DATE | FIRE MARSHAL REVIE |
| | |

KEY PLAN

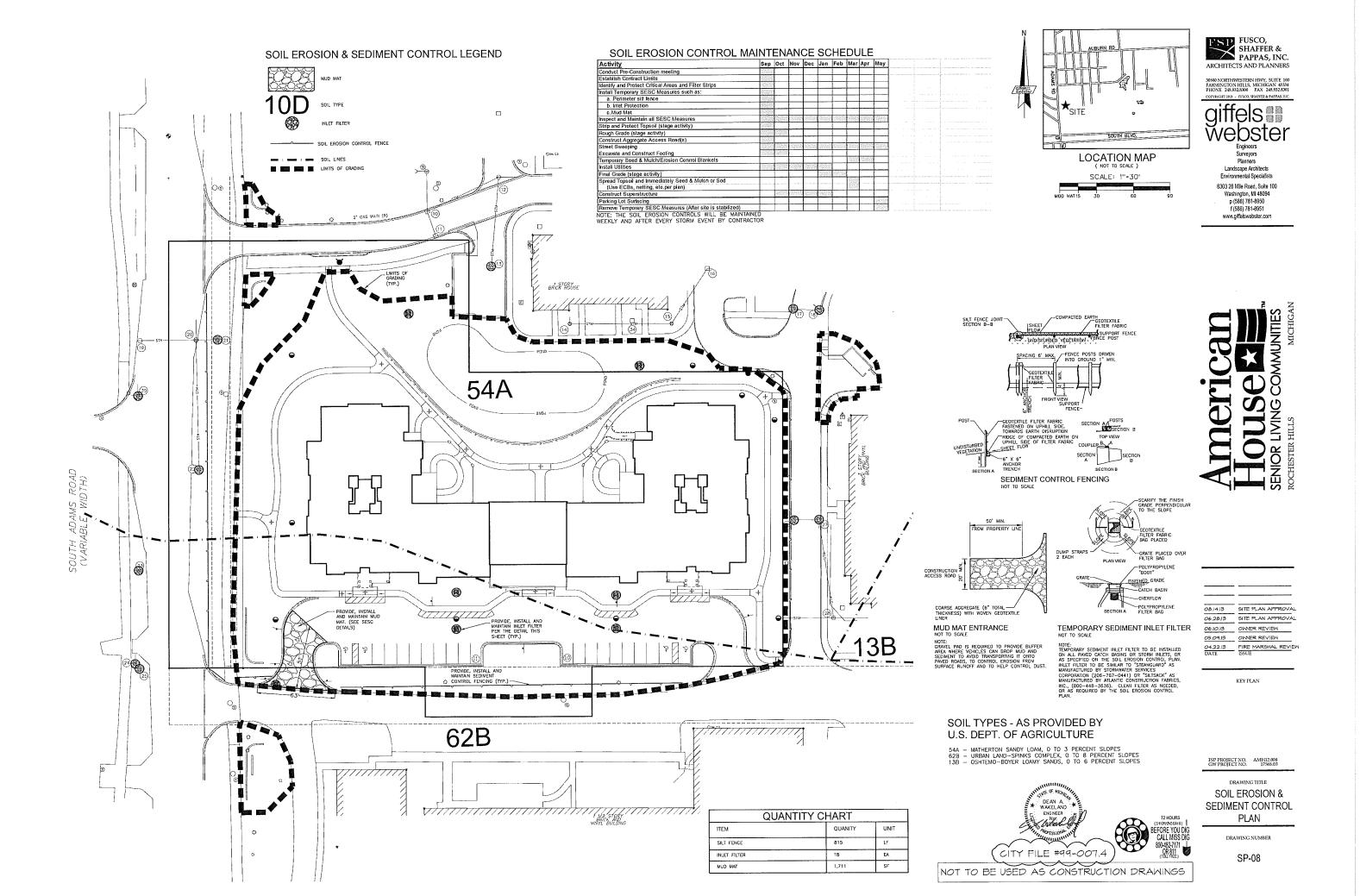
FSP PROJECT NO. AMH12.008 GW PROJECT NO. 17568.03

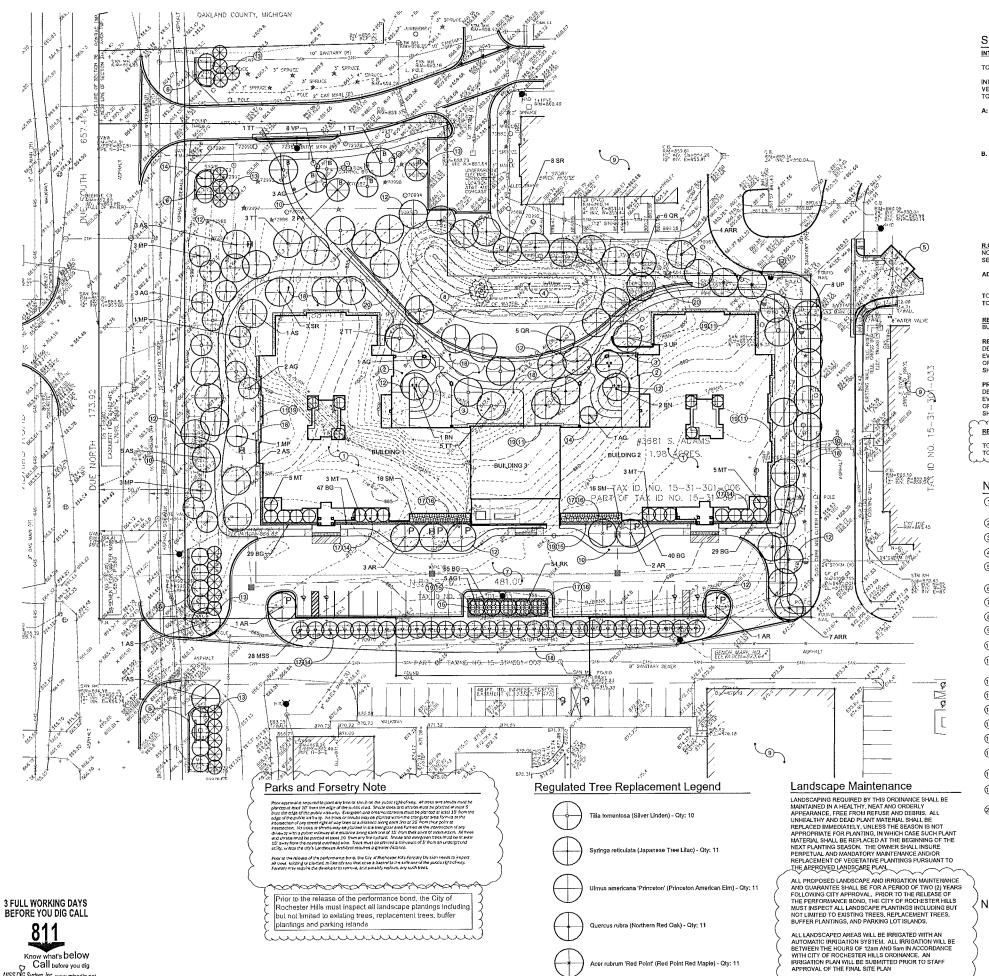
GRADING PLAN

SP-07

NOT TO BE USED AS CONSTRUCTION DRAWINGS

CITY FILE #99-007.4





Acer rubrum 'Red Point' (Red Point Red Maple) - Qty: 11

Note: See Site Tabulations this sheet and Plant Schedule Sheet L.102

Know what's below Call before you dig

MISS DIG System, Inc. www.missdig.ne

Site Landscape Tabulations

INTERIOR PARKING AREA LANDSCAPE REQUIREMENTS:

TOTAL VEHICULAR USE AREA = 17,964 SF

INTERIOR LANDSCAPE AREA REQUIRED: 5% OF THE TOTAL VEHICULAR USE AREA: 17,964 X 0.05 = 898 SF TOTAL INTERIOR LANDSCAPE AREA PROVIDED: 1,776 SF

A: REQ'D DECID, SHADE TREES IN PARKING LOT AREAS: 1 TREE/150 SF OF REQUIRED INTERIOR LANDSCAPE AREA: 898 / 150 = 5,98 OR 6 TREES

TOTAL TREES REQ'D PER PARKING LOT AREA: 6 TOTAL TREES PROVIDED: 7

B. A MINIMUM OF ONE CANOPY TREE / 25 LF AND 1 ORNAMENTAL TREE / 35 LF OF PARKING LOT PERIMETER FACING R.O.W ALONG ADAMS ROAD IS REQUIRED: 125 LF / 25 = 5 CANOPY TREES 125 LF / 35 = 4 ORNAMENTAL TREES

TOTAL CANOPY TREES REQ'D: 5

TOTAL TREES PROVIDED: 2

TOTAL ORNAMENTAL TREES REQ'D: 4 TOTAL ORNAMENTAL TREES PROVIDED: 10

TOTAL EVERGREEN TREES PROVIDED: 10

R.O.W. STREET TREE REQUIREMENTS: NOTE: TREES WERE PLACED OUTSIDE OF R.O.W DUE TO EXISTING SANITARY

440 LF / 35 = 13 DECID, AND ORNAMENTAL TREES (26 TOTAL)

TOTAL ROW TREES REQUIRED: 26 TOTAL R.O.W. TREES PROVIDED: 26

REQUIRED BUFFER LANDSCAPE:
BUFFER AT NORTH PROPERTY LINE = 185 LF OF TYPE B BUFFER

DECIDUOUS CANOPY TREES: 2 / 100 LE = 2 EVERGREEN TREES: 2 / 100 LF = 2
ORNAMENTAL TREES: 1,5 / 100 LF = 3
SHRUBS: 4 / 100 LF = 8

PROVIDED: DECIDUOUS CANOPY TREES: 2 EVERGREEN TREES: 2 ORNAMENTAL TREES: 3 SHRUBS: 8

REQUIRED TREE REPLACEMENTS:

TOTAL REGULATED TREES REMOVED; 54 (See Civil Engineering Drawings)

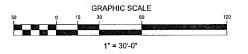
Note Key

- SENIOR LIVING FACILITY, SEE ARCHITECTURAL DRAWINGS
- 2) DEMENTIA GARDEN, SEE ENLARGEMENT
- (3) PROPOSED FENCE
- (4) DETENTION BASIN, SEE SHEET L.102 FOR SEED MIX
- 5 PROPOSED DUMPSTERS WITH MASONRY SURROUND
- 6 PROPOSED SITE SIGNS, SEE ENLARGEMENTS
- (7) PARKING LOT, SEE CIVIL ENGINEERING DRAWINGS
- PROPOSED FOUNTAIN
- EXISTING OFFSITE BUILDING
- (10) PROPOSED CONCRETE WALK
- 1) PROPOSED 2' STONE MAINTENANCE STRIP, SEE TYPICAL DETAIL
- (12) DECIDUOUS TREE PLANTING, SEE TYP, DETAIL.
- (13) EVERGREEN TREE PLANTING, SEE TYP. DETAIL
- (4) ORNAMENTAL TREE PLANTING, SEE TYP DETAIL (15) HEDGE PLANTINGS, SEE TYP. DETAIL.
- (6) SHRUB PLANTINGS, SEE TYP. DETAIL.
- (7) 3" DEPTH SHREDDED BARK MULCH IN PLANTING BEDS AND EVERGREEN TREE BEDS.
- (B) SEEDED LAWN ON 4" DEPTH TOPSOIL, TYP.
- (19) METAL EDGING BETWEEN LAWN AND LANDSCAPE BED.
- (20) PROPOSED SEGMENTAL RETAINING WALL, SEE TYP, DETAIL

NOTE: SEE SHEET L.102 FOR PLANT SCHEDULE



NOT TO BE USED FOR CONSTRUCTION DRAWINGS





CITY FILE #99-007.4

FSP FUSCO,

SHAFFER & PAPPAS, INC.

ARCHITECTS AND PLANNERS

30800 NORTHWESTERN HWY, SUITE 100 FARMINGTON HILLS, MICHIGAN 48334 PHONE 248.932.8300 FAX 248.932.8301

08.14.13 SITE PLAN APPROVAL 06.28.13 SITE PLAN APPROVAL 06.10.13 OWNER REVIEW 05.09.13 OWNER REVIEW 04.22.13 FIRE MARSHAL REVIEW
DATE ISSUE

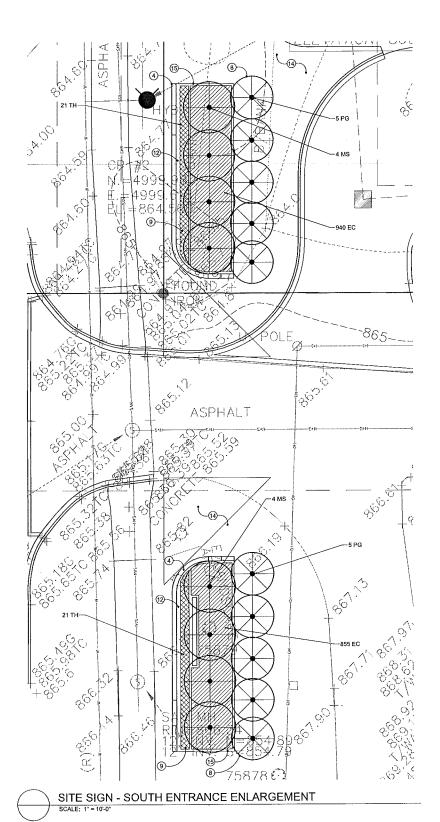
ESP PROJECT NO

DRAWING TITLE

OVERALL LANDSCAPE PLAN

DRAWING NUMBER

L.100



3 FULL WORKING DAYS BEFORE YOU DIG CALL

Know what's below Call before you dig

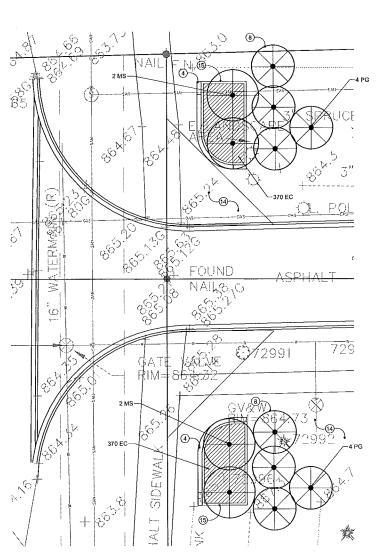
MISS DIG System, Inc. www.mlssdig.net

Note Key

- ① SENIOR LIVING FACILITY, SEE ARCHITECTURAL DRAWINGS
- 2 PROPOSED FENCE MASONRY PIERS
- ③ PROPOSED SEGMENTAL RETAINING WALL, SEE TYP. DETAIL
- PROPOSED SITE SIGN AND RETAINING WALLS, SEE ARCHITECTURAL DRAWINGS
- (6) PROPOSED 2' STONE MAINTENANCE STRIP, SEE OVERALL PLAN, SEE TYPICAL DETAIL.
- (7) DECIDUOUS TREE PLANTING, SEE TYP. DETAIL.
- (8) EVERGREEN TREE PLANTING, SEE TYP. DETAIL.

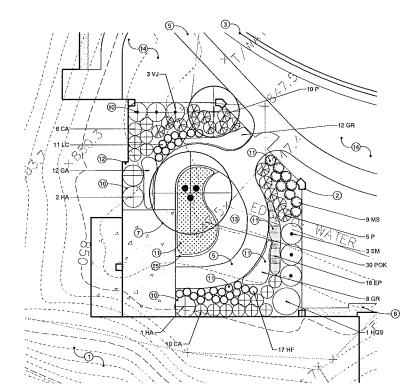
- 9 HEDGE PLANTINGS, SEE TYP, DETAIL.
- (1) SHRUB PLANTINGS, SEE TYP. DETAIL.
- (1) PERENNIAL PLANTINGS, SEE TYP. DETAIL.
- (2) 3° DEPTH SHREDDED BARK MULCH IN PLANTING BEDS AND EVERGREEN TREE BEDS.
- 3 SODDED LAWN ON 4" DEPTH TOPSOIL. TYP.
- (14) SEEDED LAWN ON 4" DEPTH TOPSOIL, TYP.
- (15) METAL EDGING BETWEEN LAWN AND LANDSCAPE

NOTE: SEE SHEET L.102 FOR PLANT SCHEDULE

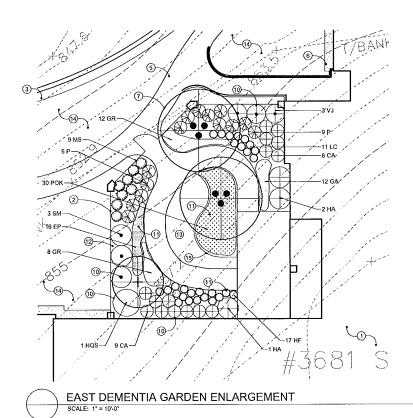


SITE SIGN - NORTH ENTRANCE ENLARGEMENT

SCALE: 1" = 10'-0"



WEST DEMENTIA GARDEN ENLARGEMENT









08.14.13 SITE PLAN APPROVAL 06.28.13 SITE PLAN APPROVAL 06.10.13 OWNER REVIEW 05.09.13 OWNER REVIEW 04.22.13 FIRE MARSHAL REVIEW KEY PLAN

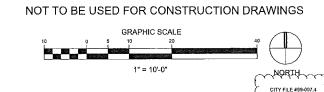
ESP PROJECT NO.

DRAWING TITLE

LANDSCAPE ENLARGEMENTS



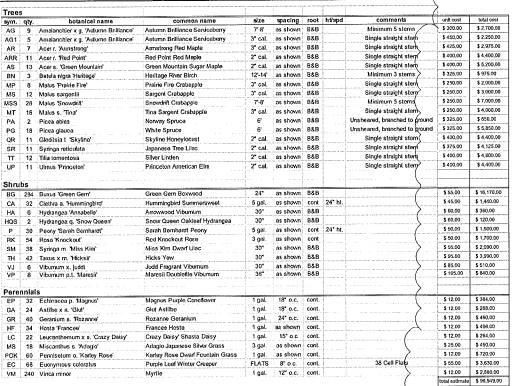
سسس





L.101

MISS DIG System, Inc. www.misso



1 (2) -(3) 4° DEPTH AGG, COMPACTED TO 95% MOD, PROCTOR, LINE BOTTOM OF MULCH BED WITH TYPAR #3201 FILTER FABRIC OS:00 50 VOO. 4 STONE MAINTENANCE EDGE

L.100

L.100

NOTES: CONTRACTOR TO VERIFY
 PERCOLATION OF PLANTING PIT
 PRIOR TO INSTALLATION

SHOVEL CUT EDGE OR METAL EDGING, SEE PLAN

(5) EXCAVATE EXISTING SOIL 18' DEEP, FILL WITH PLANT MIX (SEE SPECS.)

6 UNDISTURBED SUBGRADE

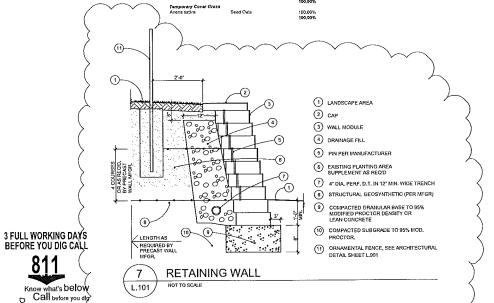
5 HEDGE PLANTING DETAIL

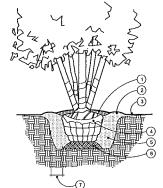
DETENTION SEED MIX:

Midwestern Forb Enhanced Mesic Prairie Mix (MP3) (without Big Bluestern

2,300,000 (CBS) per acre
Approximate mix weight per acre; 39 lbs

| 31.3% Grasses/Sedges/Ru Cover Grass | shes 50.5% Forbs 18.2% Te | mporary |
|--|---------------------------|---------|
| Scientific Name | Common Name | |
| Grasses/Sedges/Rushes | | % CBS |
| Etymus canadensis | Canada Wild Rive | 25.01% |
| Pankum virgatum | Prairie Switch Grass | 21.51% |
| Schizachyrlum scoparlum | Little Bluestern | 24.43% |
| Sorphastrum nutans | Indian Grass | 29,05% |
| | | 100.009 |
| Forbs | | |
| Asdeplas tuberosa | Butterfly Mikmeed | 0.62% |
| Aster laevis | Smooth Blue Aster | 2.83% |
| Aster novae-angliae | New England Aster | 6.17% |
| Coreopsis tripteris | Tall Coreopsis | 3,88% |
| Echinacea palida | Pale Constoner | 0.45% |
| Eryngium yucufolium | Rattlesnake Master | 2.77% |
| Euthamia graminifolia | Lance-Leaved Goldenrod | 6.10% |
| Heliopsis heliantholdes | Falsa Sun Sover | 2.29% |
| Lespedeza capitata | Round-Headed Bushclover | 1.46% |
| Listris spicata | Marsh Blazing Star | 0.96% |
| Monarda fistulosa | Wad Bergamot | 6.81% |
| Penstemon digitalis | Foxglave Beard Tongue | 14,94% |
| Pycnanthemum virginlanum | Mountain Mint | 9,45% |
| Ratioida pinnata | Yellow Constoner | 7.38% |
| Rugbeckia hirta | Black-Eyed Susan | 7.37% |
| Silphium integritolium | Rosin Weed | 0.53% |
| Stiphtum terebinthinaceum | Prairie Dock | 0.39% |
| Solidago nemoralis | Old Fleld Goldenrod | 6.08% |
| Solidago rigida | Stiff Goldenrod | 6.18% |
| Tradescantia oblensts | Ohio Spiderwart | 3,33% |
| Verbena stricts | Hoary Vervain | 5.51% |
| Vernonia atrixsima | Tall Iron eed | 4,50% |
| | | |





CONTRACTOR TO VERIFY PER-COLATION OF PLANTING PIT PRIOR TO INSTALLATION

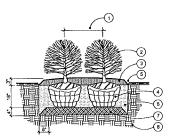
SHREDDED BARK MULCH 3' DEPTH (6' DIA.) 2 6" TOPSOIL SAUCER

FIN, GRADE SLOPED AWAY FROM TREE

4 REMOVE BURLAP & CUT TY/INE FROM TOP 1/3 OF BALL 5 PLANT MIX

MULTISTEM TREE PLANTING DETAIL

L.100



1) SEE PLAN FOR SPACING

2 SHRUB PLANTS 3 SHREDDED BARK MULCH 3" DEPTH TYPICAL

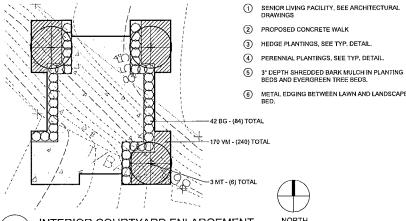
REMOVE BURLAP & CUT TWINE FROM TOP 1/3 OF BALL 5 SHOVEL CUT EDGE OR METAL EDGING, SEE PLAN

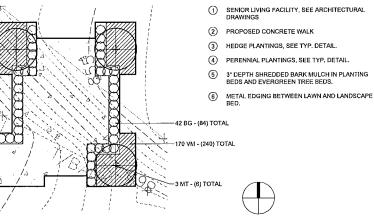
(B) UNDISTURBED SUBGRADE

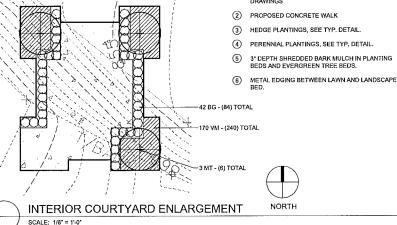
SHRUB PLANTING DETAIL NOT TO SCALE \L.101

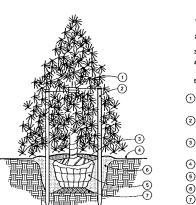
(B) EXCAVATE EXISTING SOIL 18" DEEP, FILL WITH PLANT MIX (SEE SPECS.) (7) 4" SCARIFY AND RECOMPACT

1 DECIDUOUS TREE PLANTING DETAIL L.100/









1, STAKE ALL EVERGREEN TREES UNDER 12' HIGH

2. GUY ALL EVERGREEN TREES 12' HIGH AND OVER

3. NEVER CUT CENTRAL LEADER

4. PRUNE ONLY TO REMOVE DEAD OR BROKEN BRANCHES

5. SET STAKES VERTICAL AND EVENLY SPACED

 1/2" DIA. BLACK RUBBER HOSE WI GUY CABLE (2) #11 GALV. WIRE (3 PER TREE) WI GALV. TURNBUCKLE (2) 2" x 2" HARDWOOD STAKES TO EXTEND 18" BELOW TREE PIT IN UNDISTURBED SON.

(3) SHREDDED BARK MULCH 3" DEPTH (6" DIA.), CONNECT BEDS WHERE POSSIBLE

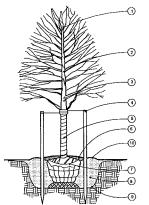
(4) FIN, GRADE SLOPED AWAY FROM TREE

(5) SLIT BURLAP AND LEAVE TIED

6 PLANT MIX

(7) SCARIFY TO 4" DEPTH & RECOMPACT (8) 12° MIN. BETWEEN ROOTBALL AND EDGE OF PLANT PIT.

2 \ EVERGREEN TREE PLANTING DETAIL



Ū.100 /

NOT TO SCALE

3 STAKE TREES JUST BELOW FIRST BRANCH 2.3 WIDE BELT-LIKE, FABRIG STRAPS CHRY, AMBOR THE OR APPROVED EQUIAL, (CONNEC FROM TREE TO STAKE OPPOSITE FROM BOTHER, AND ALLOW FOR SOME THEADMENT ON TUSE WIDE OR ROPE THROUGH A HOSE PRAMOVED ATTER ONE TEAR.

(2) 27.2° HARDWOOD STAKES OR EQUIVALENT DRIVEN 6-8° OUTSIDE OF ROOTBALL. REMOVE AFTER ONE YEAR.

6 COVER PLANTING W/ 3" SHREDDED HARDWOOD BARK MULCH, LEAVE 3" CIRCLE OF BARE SOIL AROUND THE TREE, (7) REMOVE ALL NON-BIOL

AMEND SOIL PER SITE CONDIT
 BEOLIGEMENTS OF THE TREE

9 TREE PIT TO BE 3 TIMES WIDTH OF (10) 4" TOPSOIL SAUCER

4, SET TOP OF BALL 3" ABOVE FINISH GRADE

5. SET STAKES VERTICAL & EVENLY 6. STAYS OR GUYS TO BE SET ABOVE 1ST BRANCH

1, STAKE TREES UNDER 4" CALIPER

2, GUY TREES 4" CALIPER & OVER

KEY PLAN

08.14.13 SITE PLAN APPROVAL

06.28.13 SITE PLAN APPROVAL

06.10.13 OWNER REVIEW

05.09.13 OWNER REVIEW 04.22.13 FIRE MARSHAL REVIEW ISSUE

FSP FUSCO, SHAFFER & PAPPAS, INC.

ARCHITECTS AND PLANNERS

30600 NORTHWESTERN HWY, SUITE 100 FARMINGTON HILLS, MICHIGAN 48334 PHONE 248.932.8300 FAX 248.932.8301

(1)

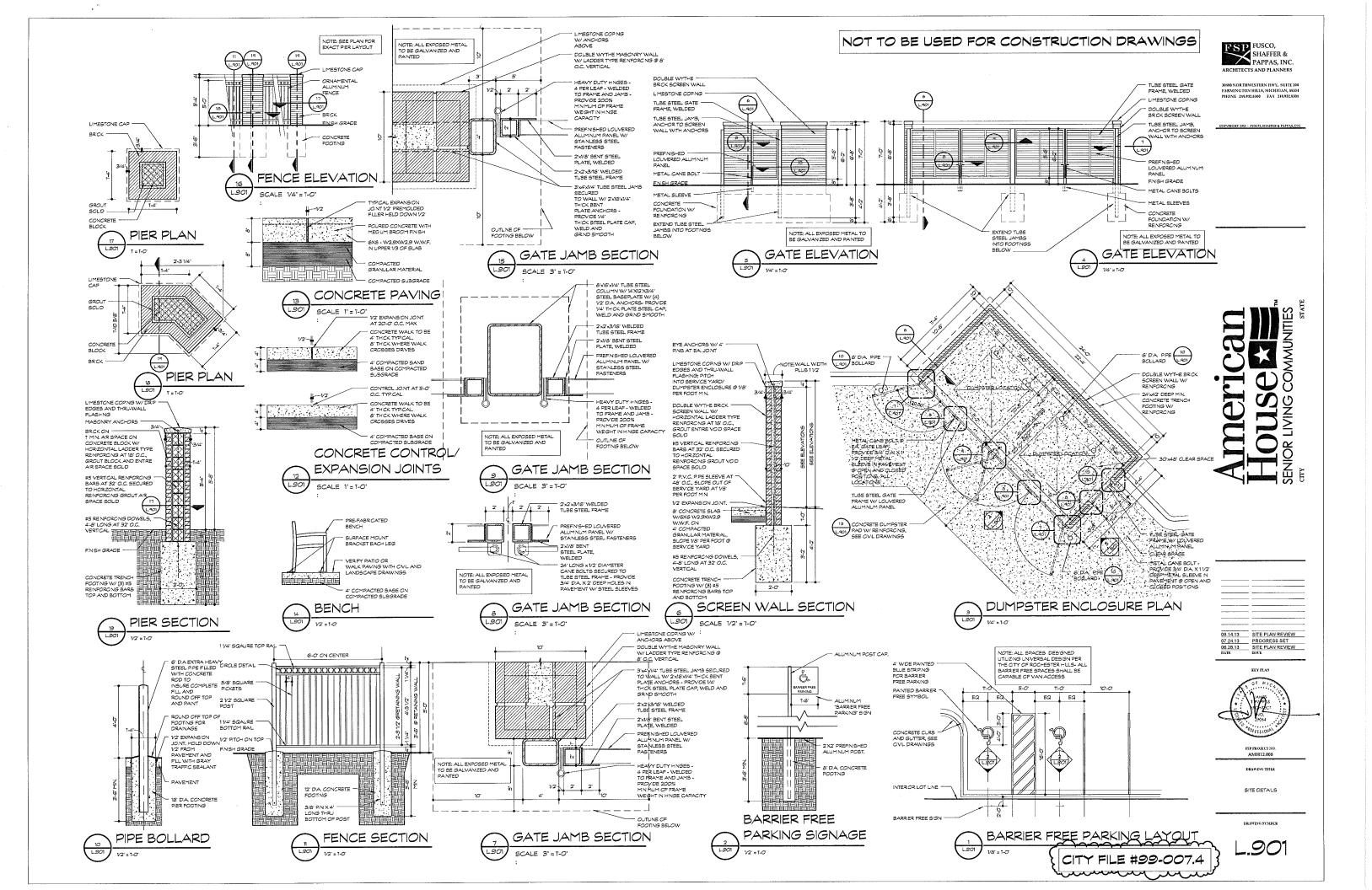
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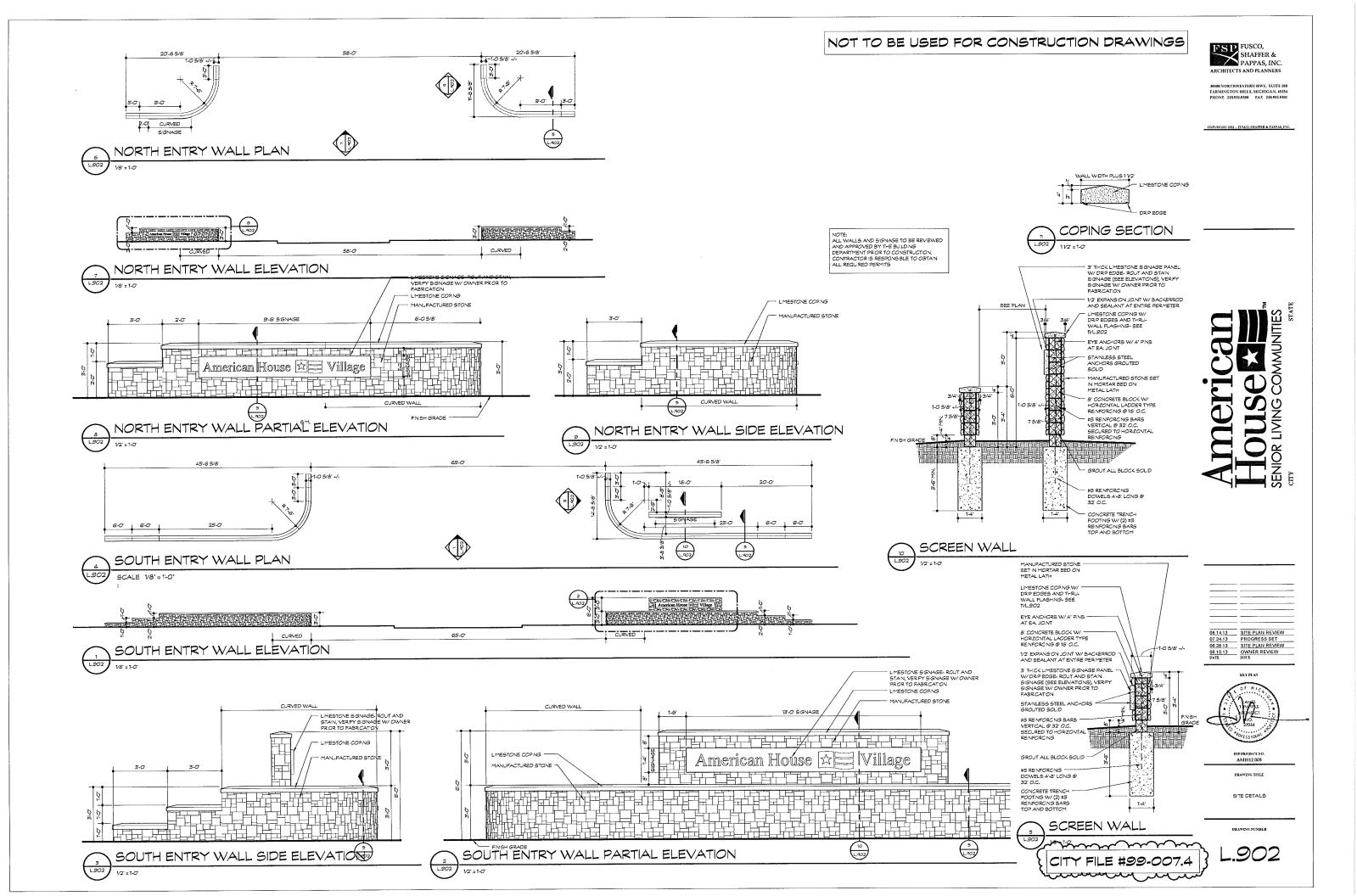
DRAWING TITLE

ENLARGEMENTS & LANDSCAPE DETAILS

DRAWING NUMBER

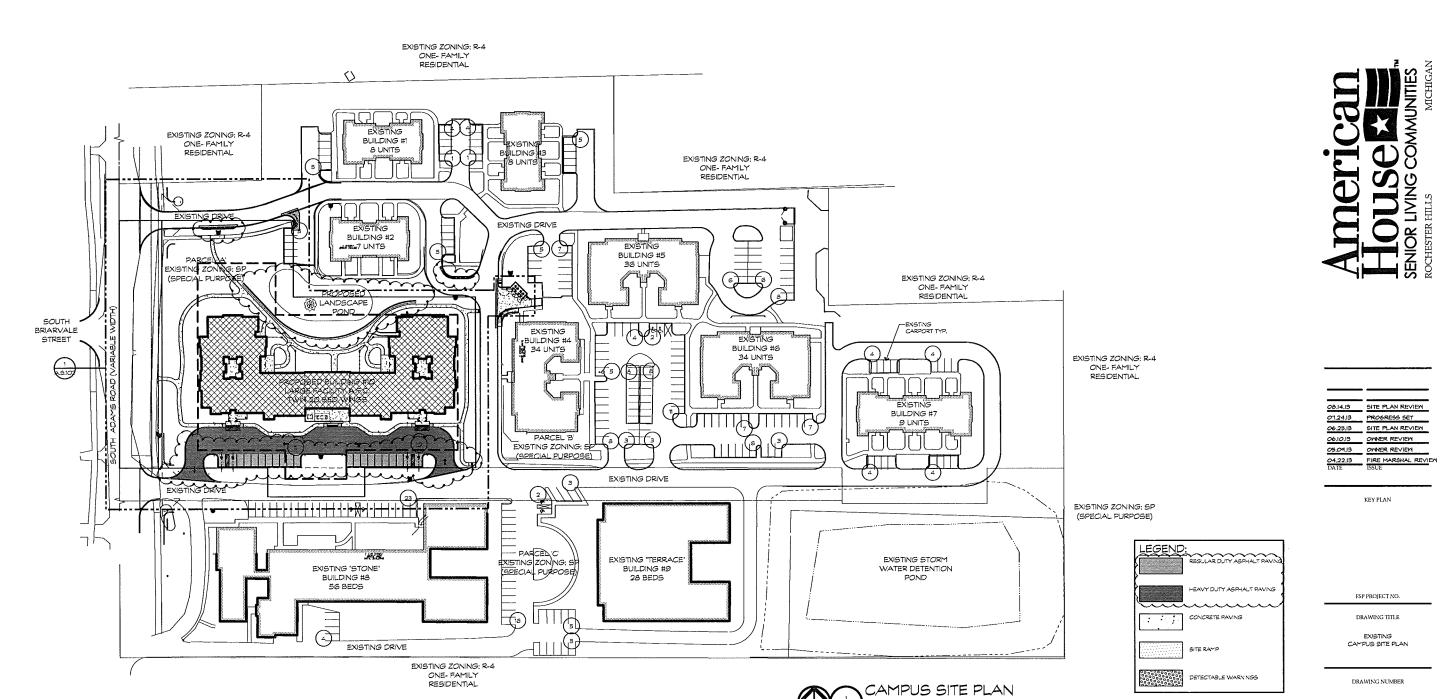
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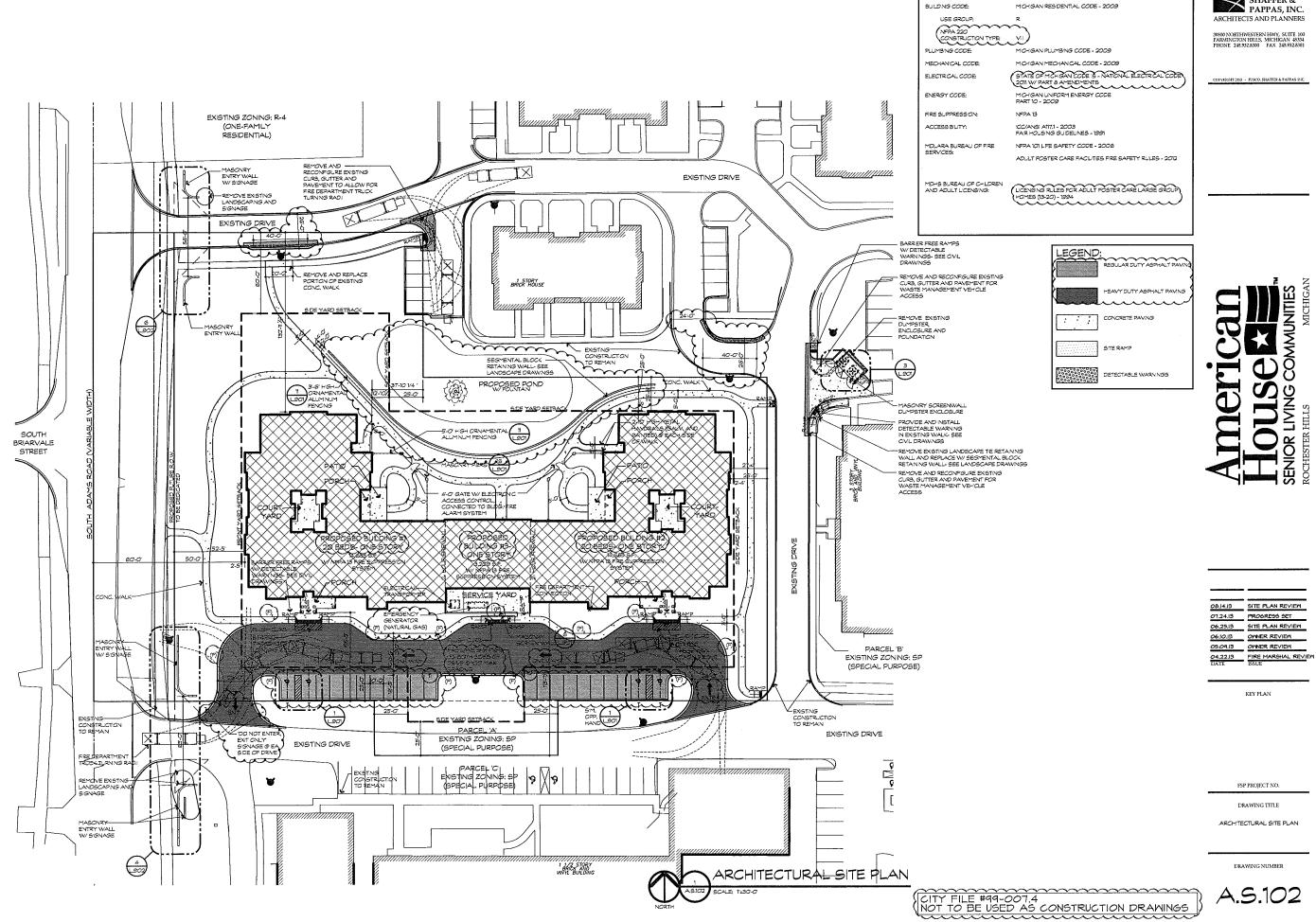
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A.S.101

(CITY FILE #99-007.4 (NOT TO BE USED AS CONSTRUCTION DRAWINGS



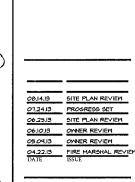
FUSCO, SHAFFER & PAPPAS, INC.

CODE DATA

A.S.102

COFYEIGHT 2013 - FUSCO, SHAFFER & PAFFAS, INC.



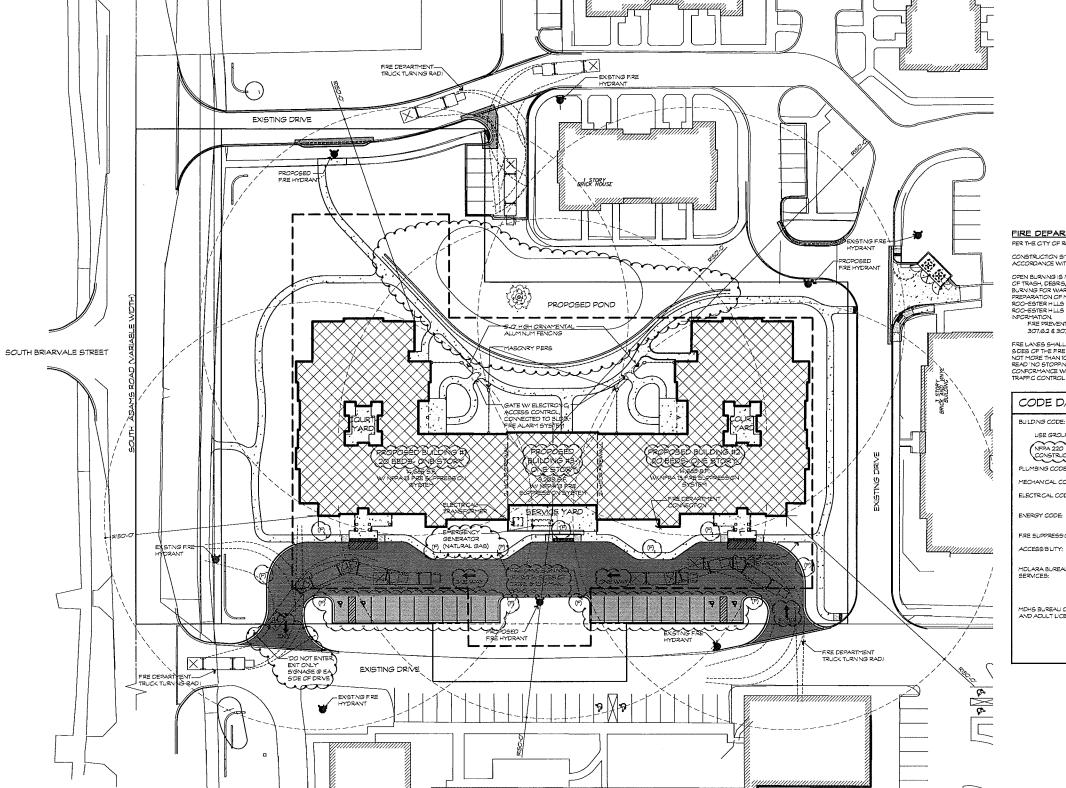


FSP PROJECT NO.

KEY PLAN

FIRE DEPARTMENT ACCESS PLAN

F.S.101



FIRE DEPARTMENT NOTES

PER THE CITY OF ROCHESTER HILLS:

CONSTRUCTION SITES SHALL BE SAFEGUARDED IN ACCORDANCE WITH IFC CHAPTER 14

O'EN BURNNG IS NOT PERMITTED, INCLLOING THE BURNNG OF TRASH, DEBRS, O'ELAND CLEARNG MATERALS. O'EN BURNNS FOR WARTEN FOR THE PEEPARATION OF MOSTAR SHALL BE WITHN CITY OF ROCHESTER HILLS FIRE DEPARTMENT FOR PERMIT COLORSTER HILLS FIRE DEPARTMENT FOR PERMIT INFORMATION.

FRE PREVENTION ORDINANCE CHAPTER 58, SECTION 307.62 & 307.6.2.3

FRE LANES SHALL BE CONSPICUOUSLY POSTED ON BOTH SDES OF THE FRE LANE, WITH FRE LANE SIGNS SPACED NOT MOZE THAN 100 FEET APART, FRE LANE SIGNS SHALL READ 'NO STOPPING, STANDING, PARKINS, FRE LANE, AND IN CONFORMACE WITH THE MCHIGAN MANUAL OF UNFORM TRAFFIC CONTROL DEVICES.

CODE DATA

MICHIGAN RESIDENTIAL CODE - 2009

NFPA 220 CONSTRUCTION TYPE: PLUMBING CODE:

MICHIGAN PLUMBING CODE - 2009 MICHIGAN MECHANICAL CODE - 2009 MECHANICAL CODE:

STATE OF MICHGAN CODE IS - NATIONAL ELECTRICAL CODE 2011 W PART 8 AMENDMENTS ELECTRICAL CODE:

MICHIGAN UNIFORM ENERGY CODE PART 10 - 2009 ENERGY CODE: ERE SUPPRESSION NEPA 13

ACCESS'B'LITY: ICC/ANSI A117.1 - 2003 FAIR HOUSING GU DELINES - 1991 NFPA 101 LIFE SAFETY CODE - 2006

ADULT FOSTER CARE FACILITIES FIRE SAFETY RULES - 2012

MDHS BUREAU OF CHILDREN AND ADULT LICENSING:

LICENSING RULES FOR ADULT FOSTER CARE LARGE GROUP HOMES (13-20) - 1994

> -EAVY DUTY ASPHALT PAVING CONCRETE PAVING SITE RAMP

> > DETECTABLE WARNINGS

FIRE DEPARTMENT SITE ACCESS PLAN

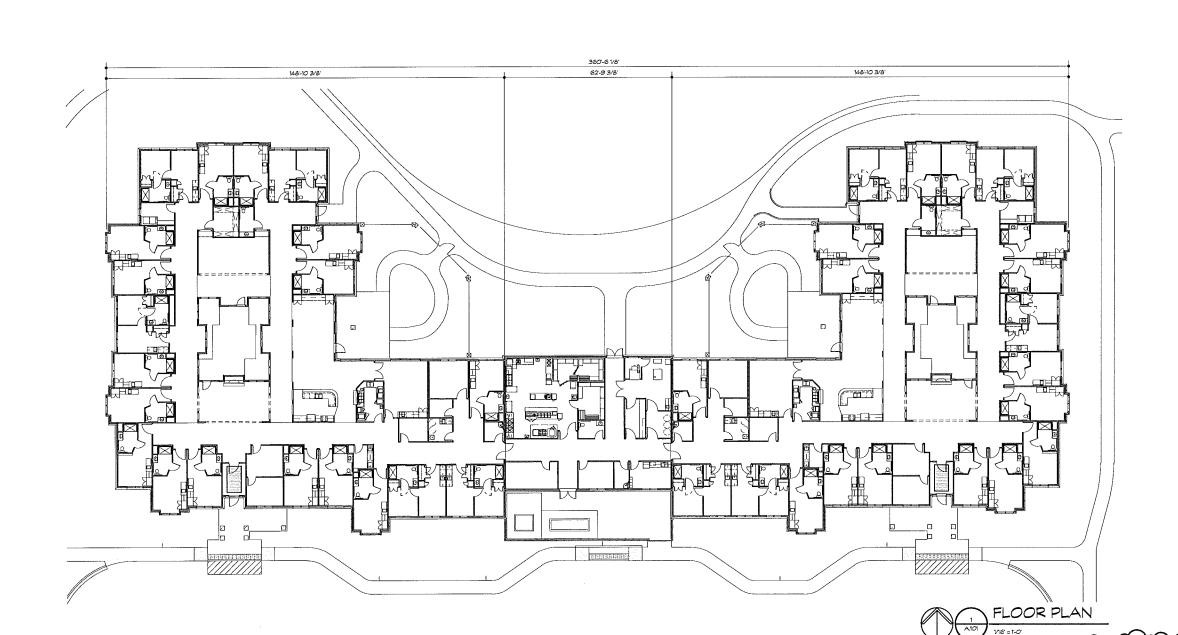
CITY FILE #99-007.4 NOT TO BE USED AS CONSTRUCTION DRAWINGS

NOT TO BE USED FOR CONSTRUCTION DRAWINGS



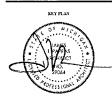
30500 NORTHWESTERN HWY, SUITE 100 FARMINGTON HILLS, MICHIGAN, 45334 PHONE 248.9324390 FAX 248.9324301

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03.14.13 SITE PLAN REVIEW
07.24.13 PROGRESS SET
06.26.19 SITE PLAN REVIEW
06.10.13 OWNER REVIEW
DATE SISTE



AMH12.008

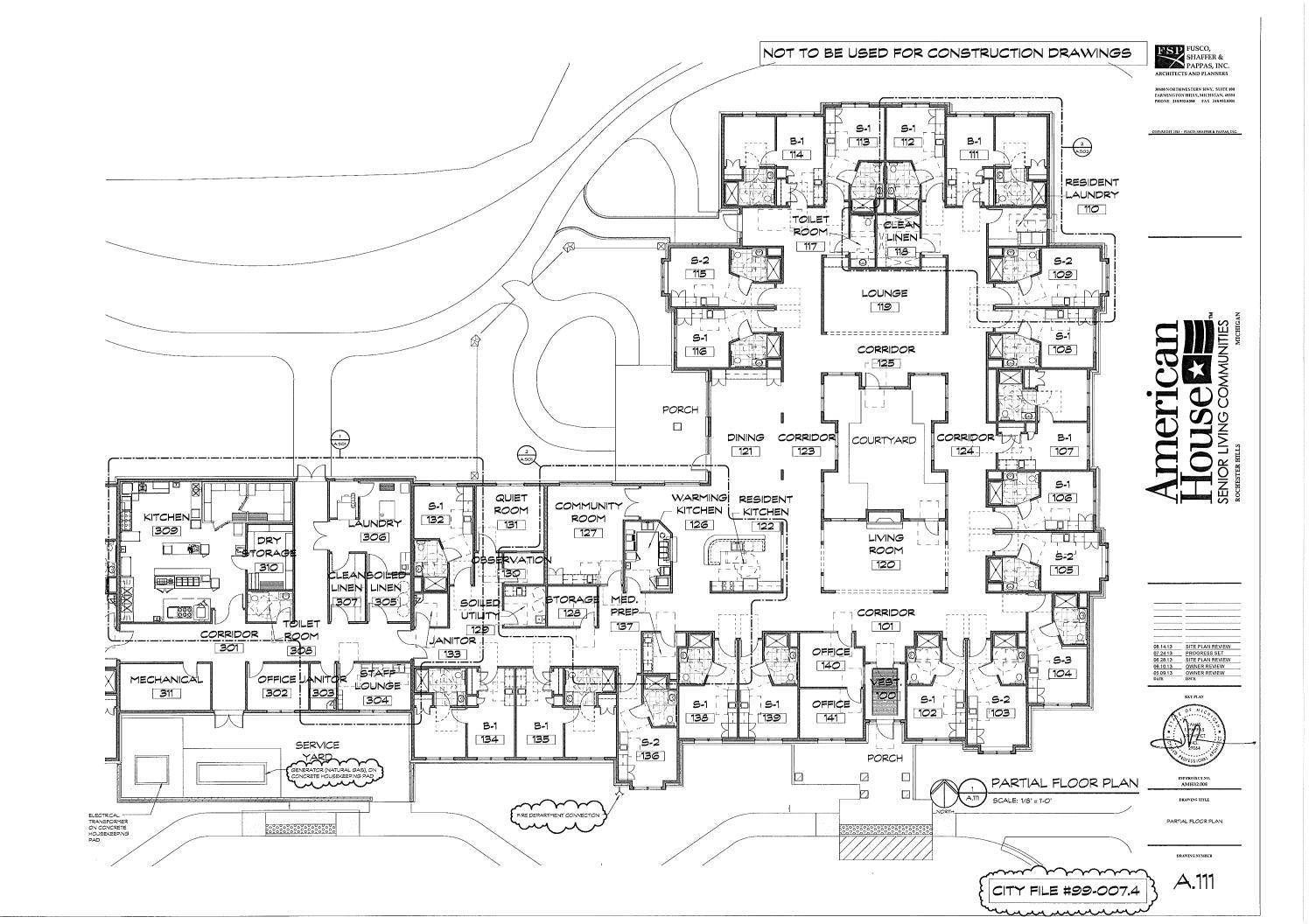
DRAWING TITLE

FLOOR PLAN

DRAWING NUMBE

A.10

CITY FILE #99-007.4



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08.14.13 SITE PLAN REVIEW
07.24.13 PROGRESS SET
06.28.13 SITE PLAN REVIEW
06.10.13 OWNIER REVIEW
05.09.13 OWNIER REVIEW
DATE
DATE
EXTENSION



AMH12.008

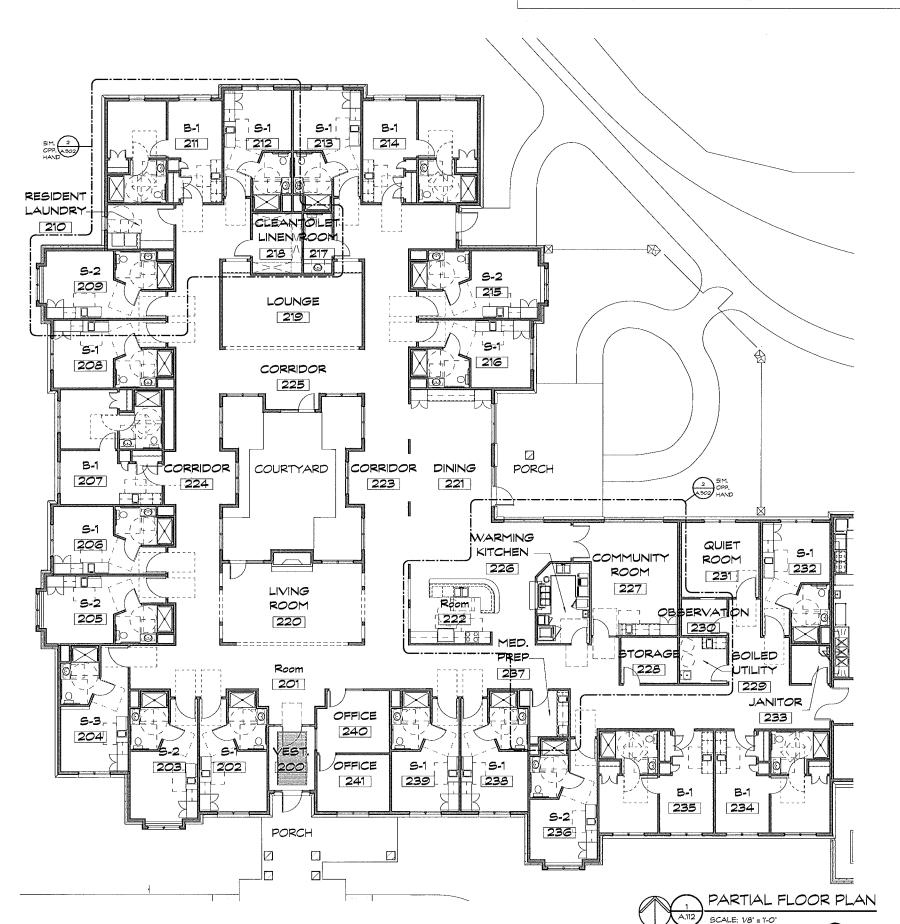
DRAWENG TITLE

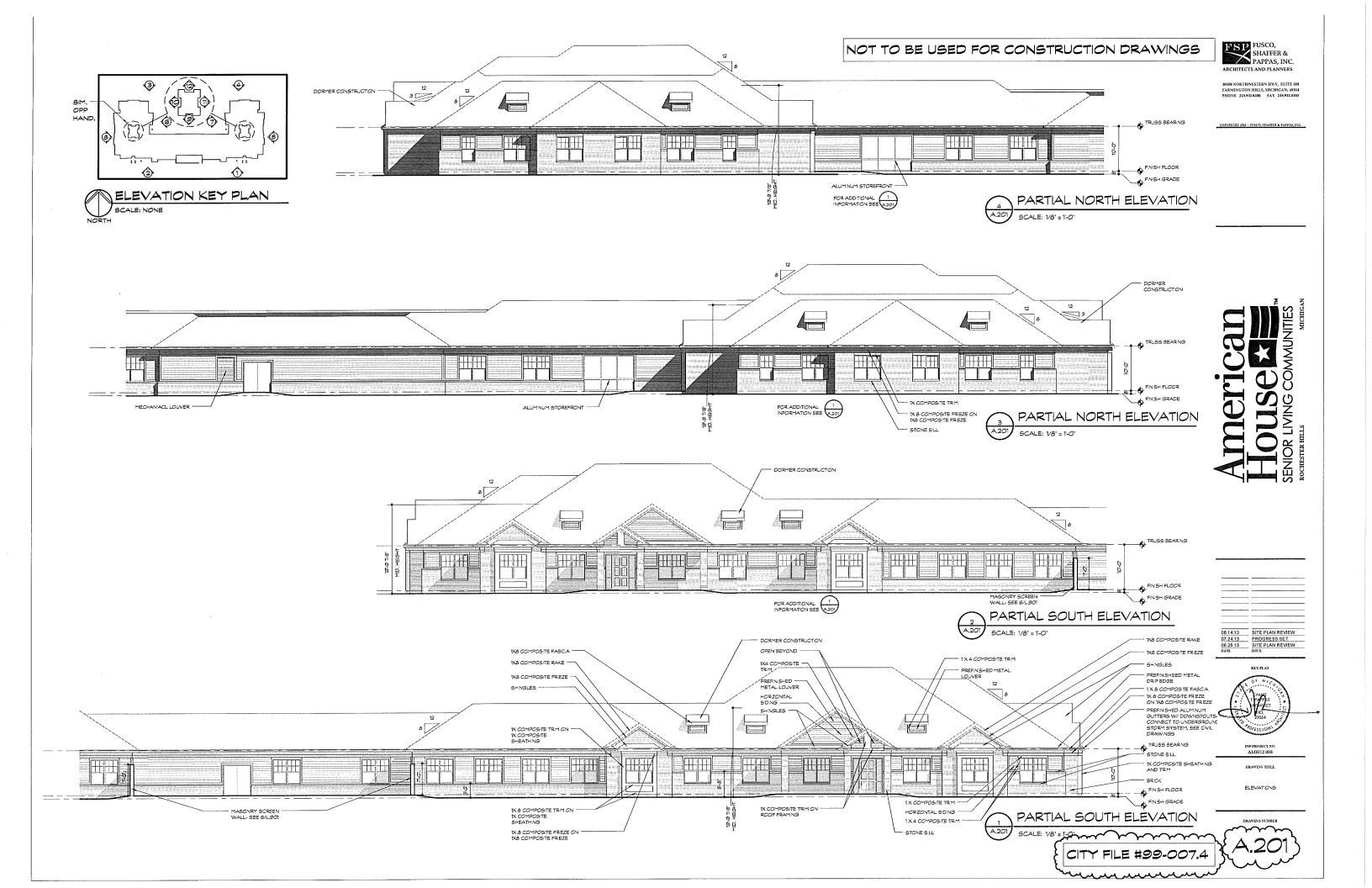
PARTIAL FLOOR PLAN

DRAWING NUMBER

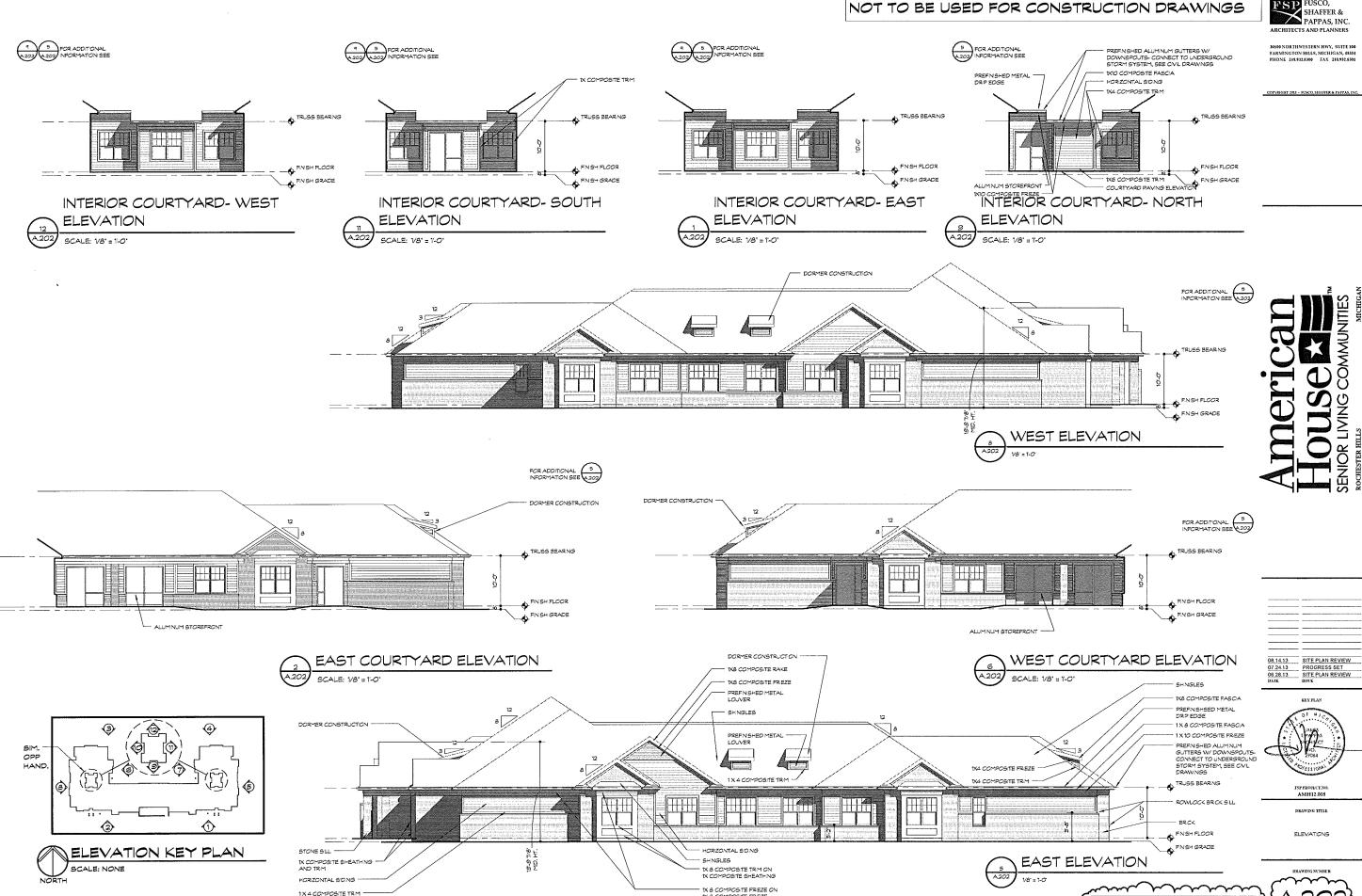
A.112

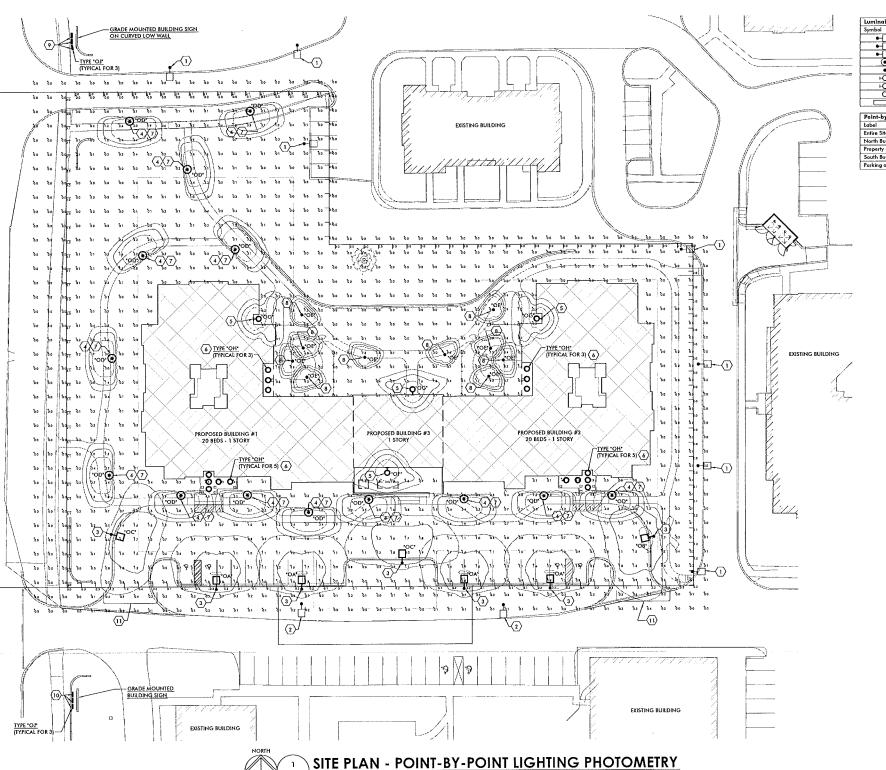
CITY FILE #99-007.4





FSP FUSCO, SHAFFER & PAPPAS, INC. NOT TO BE USED FOR CONSTRUCTION DRAWINGS FOR ADDITIONAL INFORMATION SEE 30500 NORTHWESTERN HWY, SUITE 100 FARMINGTON HILLS, MICHIGAN, 48334 PHONE 248.932.8300 FAX 248.932.8301 PREF.N.SHED ALUMNUM GUTTERS W/ DOWNSPOUTS-CONNECT TO UNDERGROUND STORM SYSTEM, SEE CIVIL DRAWINGS 1010 COMPOSITE FASCIA PREFNISHED METAL DRIP EDGE HORIZONTAL SIDING TX4 COMPOSITE TRA TRUSS BEARNG - COURTYARD PAVING ELEVATION FINSH GRADE TX6 COMPOSITE TRM ALUMNUM STOREFRONT INTERIOR COURTYARD- NORTH INTERIOR COURTYARD- EAST ELEVATION **ELEVATION** - DORMER CONSTRUCTION FOR ADDITIONAL 5 TRUSS BEARING ENSH FLOOR FINSH GRADE WEST ELEVATION FOR ADDITIONAL 5 L TRUSS BEARNG FNSH GRADE ALUMNUM STOREFRONT -DORMER CONSTRUCTION WEST COURTYARD ELEVATION 08,14.13 SITE PLAN REVIEW 07.24.13 PROGRESS SET 06.28.13 SITE PLAN REVIEW DATE ESSUE IX8 COMPOSITE RAKE SCALE: 1/8" = 1-0" - IX6 COMPOSITE FRIEZE SHNGLES PREFINGHED METAL LOUVER IXA COMPOSITE FASOA PREFINSHSED METAL DRP EDGE - SHNGLES 1 X & COMPOSITE FASOA PREFNSHED METAL LOUVER - 1 X 10 COMPOSITE FRIEZE PREFINSHED ALUM NUM GUTTERS W/ DOWNSPOUTSCONNECT TO UNDERGROUND STORM SYSTEM, SEE CIVL DRAWINGS 1X4 COMPOSITE FRIEZE TRUSS BEARNS 1X4 COMPOSITE TRM AMH12.008 ROWLOCK BROK SILL DRAWING TITLE - PNSH FLOOR ELEVATIONS FNSH GRADE HORIZONTAL SIDING EAST ELEVATION SHNGLES A202 1X 8 COMPOSITE TRM ON 1X COMPOSITE SHEATHING - 1X 8 COMPOSITE FREZE ON 1X 8 COMPOSITE FREZE |CITY FILE #99-007.4





| Symbol | Qty | Label | Arrongement | Total Lamp Lumens | LLF | Description |
|--------|-----|-------|-------------|-------------------|-------|-------------------------------------|
| • | 4 | OA | SINGLE | N.A. | 0.850 | DSX1 LED 30C 530 40K TFTM MYOLT HS |
| • | 1 | OB | SINGLE | N.A. | 0.850 | DSX1 LED 30C 530 40K T3M MYOLT |
| •- | 2 | oc | SINGLE | N.A. | 0.850 | DSX1 LED 30C 530 40K T3M MYOLT HS |
| (0) | 14 | OD | SINGLE | N.A. | 0.850 | ARE-EDR-3MB-04-D-UL-350-43K (350mA) |
| • | 10 | OE | SINGLE | N.A. | 0.850 | PWY-EDG-3M-02-D-UL-350-57K (350mA) |
| ю | 2 | OF | SINGLE | N.A. | 0.850 | WST LED 1 10A700/40K SR3 MVOLT |
| Ю | 2 | OG | SINGLE | N.A. | 0.850 | WST LED 1 10A700/40X SR4 MYOLT |
| Ó | 16 | ОН | SINGLE | 568 | 0.850 | C4L05DL40KCLW |
| | 6 | OJ | SINGLE | N.A. | 0.850 | WSUB-603-3-30-30K |

| Point-by-Point Lighting Photomet | y Calculation Summary | | | | | | |
|----------------------------------|-----------------------|-------|-------|------|-----|---------|---------|
| Label | ColcType | Units | Avg | Max | Min | Avg/Min | Max/Min |
| Entire Site Planar | Illuminance | Fc | 0.60 | 9.9 | 0.0 | N.A. | N.A. |
| North Building Sign | Illuminance | Fc | 14.79 | 20.1 | 7.4 | 2.00 | 2.72 |
| Property - Inner Lot Line | Illuminance | Fc | 0.12 | 2.2 | 0.0 | N.A. | N.A. |
| South Building Sign | Illuminance | Fc | 5.62 | 8.1 | 3.0 | 1.87 | 2.70 |
| Parking and Drives | Iffuminance | Fc | 1.38 | 4.2 | 0.5 | 2.76 | 8.40 |

| LumNo | Label | į x | Y | Z | Orient | Tilt |
|-------|-------|----------|--------|-----|---------|---------|
| 77 | OA | 5120.7 | 4974.6 | 15 | 90 | 0 |
| 78 | OA | 5180.7 | 4974.6 | 15 | 90 | 0 |
| 79 | OA | 5294.8 | 4974.6 | 15 | 90 | 0 |
| 80 | OA | 5354.8 | 4974.6 | 15 | 90 | 0 |
| 81 | OB | 5426.7 | 5011 | 15 | 191.746 | 0 |
| 84 | oc | 5251 | 4993.3 | 15 | 90 | 0 |
| 85 | oc | 5048.4 | 5014 | 15 | 343.652 | 0 |
| 87 | OD | 5045.9 | 5055.6 | 8 | 180 | 0 |
| 88 | OD | 5048 | 5137.4 | 8 | 180 | 0 |
| 91 | OD | 5101 | 5269.9 | 8 | 9,684 | 0 |
| 92 | OD | 5069.6 | 5209.4 | 8 | 122.581 | 0 |
| 93 | OD | 5060.6 | 5303.7 | 8 | 270.392 | 0 |
| 94 | OD | 5145.5 | 5310.4 | 8 | 279.985 | 0 |
| 96 | OE | 5181.4 | 5167.5 | 3.5 | 43.544 | 10 |
| 98 | OE | 5225.1 | 5137.5 | 3.5 | 73.85 | 10 |
| 100 | OE . | 5281.5 | 5139.1 | 3.5 | 110.349 | 0 |
| 101 | OE | 5315.9 | 5170.4 | 3.5 | 141.967 | 0 |
| 104 | OE | 5184.7 | 5123.8 | 3.5 | 287.241 | 10 |
| 105 | OE OE | 5182.3 | 5144.2 | 3.5 | 69.274 | 0 |
| 106 | OH | 5157.7 | 5128.8 | 8 | 0 | 0 |
| 107 | OH | 5157.7 | 5114.8 | 8 | 0 | 0 |
| | | 5157.7 | 5121.8 | 8 | 0 | 0 |
| 108 | ОН | | | 3.5 | 110.433 | 0 |
| 109 | OE | 5313.7 | 5143.4 | | | - |
| 110 | OE | 5312.5 | 5123.8 | 3.5 | 252.759 | 0 |
| 112 | OH | 5339.2 | 5128.8 | 8 | 0 | 0 |
| 113 | он | 5339.2 | 5114.8 | 8 | 0 | 0 |
| 114 | ОН | 5339.2 | 5121.8 | 8 | 0 | 0 |
| 115 | OG | 5147.9 | 5164.6 | 8 | 0 | 0 |
| 116 | OG | 5349.3 | 5164 | 8 | 180 | 0 |
| 117 | OF | 5258.6 | 5111.5 | 8 | 90 | 0 |
| 118 | OF | 5240.7 | 5059.7 | 8 | 270 | 0 |
| 119 | ОН | 5115.7 | 5055.6 | 8 | 0 | 0 |
| 120 | ОН | 5115.7 | 5050.6 | 8 | 0 | 0 |
| 121 | ОН | 5115.7 | 5045.6 | 8 | 0 | 0 |
| 122 | ОН | 5122.7 | 5050.6 | 8 | 0 | 0 |
| 123 | ОН | 5130.7 | 5050.6 | 8 | 0 | 0 |
| 124 | ОН | 5381.6 | 5055.6 | 8 | 180 | 0 |
| 125 | ОН | 5381.6 | 5050.6 | 8 | 180 | 0 |
| 126 | ОН | 5381.6 | 5045.6 | 8 | 180 | 0 |
| 127 | он | 5374.6 | 5050.6 | 8 | 180 | 0 |
| 128 | ОН | 5366.6 | 5050.6 | 8 | 180 | 0 |
| 129 | Ol | 5019.4 | 4902.3 | 2 | 0 | 128.884 |
| 130 | Ol | 5019.4 | 4893.6 | 2 | 0 | 128.884 |
| 131 | OJ | 5019.4 | 4898 | 2 | 0 | 128.884 |
| 132 | OJ | 5020.2 | 5363.9 | 0.5 | 0 | 114.905 |
| 133 | OJ | 5020.2 | 5359.6 | 0.5 | 0 | 114.905 |
| 134 | OJ | 5020.2 | 5355.9 | 0.5 | 10.125 | 114.563 |
| 135 | OD | 5185.7 | 5029 | 8 | 270 | 0 |
| 138 | OD | 5096.1 | 5041.2 | 8 | 270 | 0 |
| 139 | OD | 5142.8 | 5041.2 | 8 | 270 | 0 |
| 141 | OD | 5350.7 | 5039.8 | 8 | 270 | 0 |
| 142 | OD | 5398.5 | 5040 | 8 | 270 | 0 |
| 143 | OD | 5227.7 | 5037.8 | 8 | 270 | 0 |
| 144 | OD | 5294.7 | 5037.8 | 8 | 270 | 0 |
| 145 | OD | 5134.7 | 5213.4 | 8 | 44.116 | 0 |
| 145 | OE | 5174.8 | 5135.1 | 3.5 | 178.811 | 0 |
| 140 | 00 | 1 31/4.8 | 5135.1 | 3.3 | 358.203 | 0 |

NOTE:
ALL STIE LIGHTING POLES PROPOSED FOR INSTALLATION ON THIS PROJECT
ARE MOUNTED AT A MAXIMUM ELEVATION OF 15'-0' ABOVE FINISHED
GRADE, ON A CONCRETE BASE. NOTE THAT SELECT FIXTURES ARE MOUNTED
AT A LOWER HIGHTA IS INDICATED IN THE ABOVE SCHEDULE, REFER TO
BASE DETAILS ON SHEET E-901 FOR ADDITIONAL INFORMATION.

CITY FILE #99-007 4



30800 NORTHWESTERN HWY, SUITE 100 FARMINGTON HILLS, MICHIGAN 48334 PHONE 248.932.8300 FAX 248.932.8301

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Osseo, MJ 49266
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http://www.loc-associales.com
TAC Project No. 13-013



08.14.13 Site Plan Approval 06-28.13 Site Plan Approval
DATE ISSUE SEAL



DRAWING TITLE

Site Plan - Point-by-Point Lighting Photometry

DRAWING NUMBER

E.P.101

| | OF MIO OF |
|---|--|
| ILLUMINATE GRADE MOUNTED | evenieer will be been been been been been been been |
| MOUNTED AT 2'-0" ABOVE LLUMINATE GRADE MOUNTED | The state of the s |
| OF THE PROJECT PROPERTY | FSP PROJECT NO. |

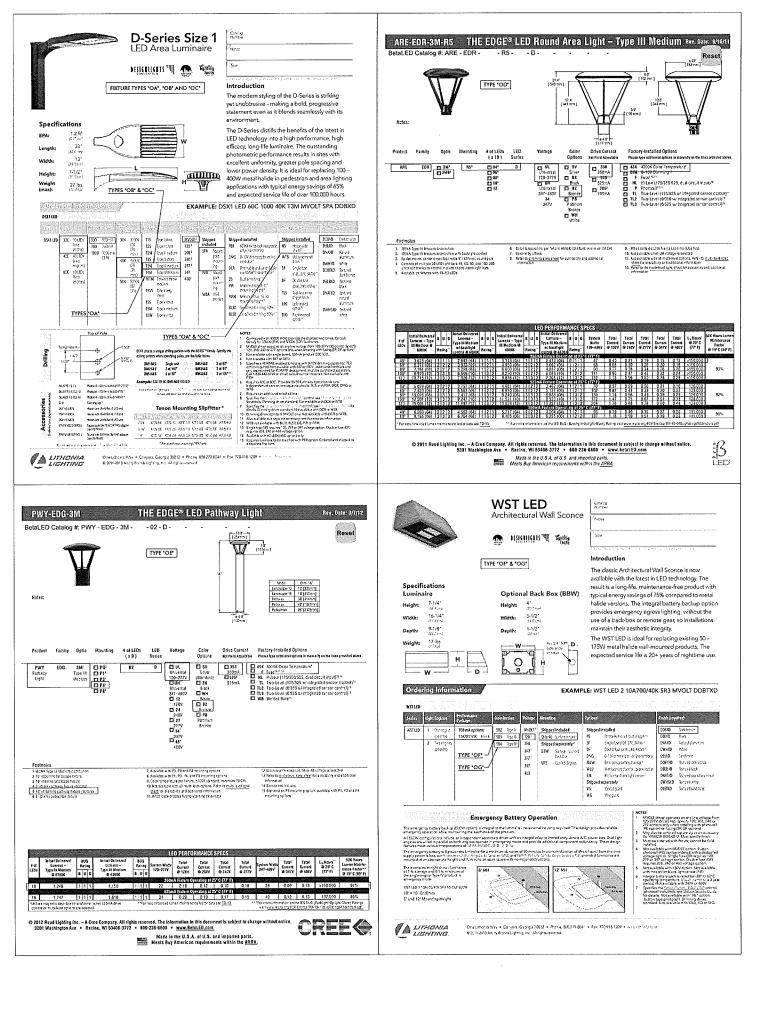
NOTITO BE USED AS CONSTRUCTION DRAWINGS

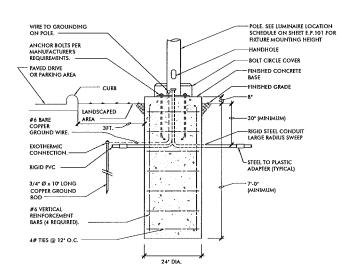
SITE PLAN GENERAL NOTES:

- REFER TO SHEETS E.901 FOR POLE BASE DETAILS AND LIGHTING FIXTURE CUT SHEETS

E.P.101 SCALE: 1" = 30'-0"

- EXISTING POLE MOUNTED SITE LIGHTING FIXTURE TO REMAIN. THE CONTRIBUTION FROM THIS FIXTURE IS NOT REFLECTED ON THE PHOTOMETRIC CALCULATIONS INDICATED THIS SHEET.
- (2) EXISTING POLE MOUNTED, "COBRA HEAD" STYLE SITE LIGHTING FIXTURE TO REMAIN. THE CONTRIBUTION FROM THIS FIXTURE IS NOT REFLECTED ON THE PHOTOMETRIC CALCULATIONS INDICATED THIS SHEET.
- 4 REFER TO BASE DETAIL *B* ON SHEET E.901.
- $\langle \mathbf{5} \rangle$ wall mounted full cutoff type light fixture mounted at 8'-0' above exterior door.
- 6 DOWN LIGHT FIXTURE MOUNTED IN ENTRY CANOPY.
- (7) POST TOP MOUNTED PEDESTRIAN SCALE FULL CUTOFF TYPE LIGHT FIXTURE, MOUNTED AT 8'-0'.
- (8) LED TYPE BOLLARD LIGHT FIXTURE, 42° TALL, MOUNTED IN LANDSCAPED AREA ALONG WALKING PATH.
- GRADE MOUNTED, FULLY ADJUSTABLE LINEAR LED FLOOD LIGHT FIXTURE TO BUILDING SIGN.
- (10) SURFACE MOUNTED, FULLY ADJUSTABLE LINEAR LED FLOOD LIGHT FIXTURE, FINISHED GRADE ON BACK SIDE OF NEW MASONRY LOW HEIGHT WALL, TO I BUILDING SIGN.
- (II) ILLUMINATION LEVELS INDICATED AT LOT / PROPERTY LINE ON SOUTH SIDE OF THE PROJECT PROPERTY BOUNDARY EXCEED THE MAXIMUM 0.5 FOOT-CANDLE (MEASURED ON THE VERTICAL PLANE AT AN ELEVATION OF 50 °O. ABOVE FINISH GRADE) ALLOWED BY THE CITY ZONING ORDINANCE ARTICLE 10, CHAPTER 2 EXTEROR SITE LICHTHING YOU TO THE FOLLOWING EASONS: a) THE LOT FROPERTY LINE B-SECTS THE EAST AND WEST ENTRY DRIVES TO THE BUILDING, WHICH IS REQUIRED TO BE ILLUMINATED IN ACCORDANCE WITH THE EXTEROR LICHTING ORDINANCE AS WELL AS FER THE RECOMMENDATIONS OF THE IESNA (ILLUMINATING ENGINEERING SOCIETY OF NORTH MERICA); b) THE "PROPERTY LINE" WHERE THE OFFENDING ILLUMINATION LEVELS OCCUR IS NOT TECHNICALLY A PROPERTY LINE, BUT RATHER AN INNER LOT LINE, WITH THE ADJOINING PROPERTY OWNED BY THE SAME DEVELOPMENT.





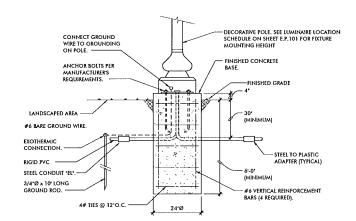


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BASE DETAIL "A"

BASE DETAIL TYPICAL FOR ALL POLE MOUNTED FIXTURES INSTALLED IN LANDSCAPED AREAS.



BASE DETAIL "B"

CITY FILE #99-007.4

BASE DETAIL TYPICAL FOR POLE MOUNTED FIXTURES INSTALLED IN LANDSCAPED AREAS, ALONG THE WALKING PATHS AND AT THE COTTAGE PARKING AREAS.

NOT TO BE USED AS CONSTRUCTION DRAWINGS





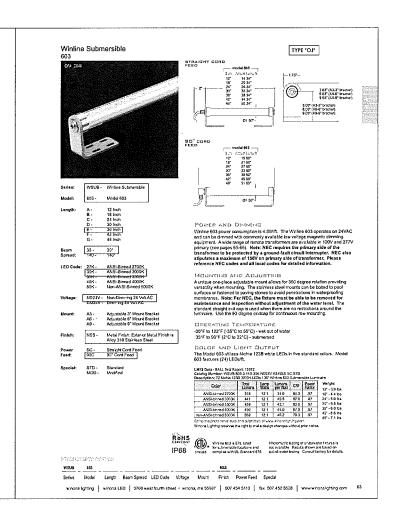
DRAWING TITLE

Site Lighting Fixture Cuts and Details

DRAWING NUMBER

E.901

| (Downhert) 30K (3000K) CCL (Comfort Clear) P (Aperture- | TYPE 'OH' | Ca | Iculite 4 | | C4L05 ED Dov | |
|--|---|---|------------------------|-----------------------------------|--|-------------------------------------|
| Light Engine Series Style Temperature Reflector Finish Fiange Options C41.05 DL 27K (2700K) CL (Clear) W (Pinred white) Pf (fine of white) Pf (fi | 1 | 44Z (Mary)PA | (a) | \$ 52 C | BY (SEE no) BY (SE | PURPLE YOU |
| CL (Clary W (Pinted White) Eff (Incomercial Control Control Clary Control Contro | | Enda Color | Reflector Fir | nish | Flange | Options |
| Example: C4L05IDL3SXCCLWEH Accessary CARPIR recommended for posum applications Reflector flurge is 14*. Set ELD 6H for death and restrictions. Ordering Guides Frame-in Kits Frame-in Kit Series Installation Options Input Voltage Options | | DL 27K (2700K) (Downlight) 39K (3000K) 35K (3500K) | CCL (Comfo | rt Clear Diffuse) Igne Bronze) | P (Aperture- matching/polished) FT (Flush-mount/ | EM (Integ emergenc test switc |
| Frame-in Kit Series Installation Options Input Voltage Options R (Memodeler) 1 (1707) Blank (Elexaronic low voltage dimming, 1207 only 2 (1777); ELLOS J (Hobox mount retrofin) 2 (1777) ELLOS (1707 only 1777) Example: C410SN1EM Example: C410SN1EM 127777 dimming applications require Z107 option. Input Voltage Options 1 (1707) 1 (1 | Example: C4L05DL35XC | CLIVEM Accessory CA4FMR recomme See LED-EM for details and re | nded for gypsum applic | | 1 | |
| 1 (1204) Blank (Electronic low voltage downing, 1209 only 2 (2779) Blank (Electronic low voltage downing, 1209 only 2 (2779) Electronic low voltage downing, 1209 only 2 (2779) Electronic low voltage downing 1 (1204) 1 | Ordering Guide: Fra | ame-in Kits | | | | |
| R (Remodeler) 2 (277V)* EM (Emergency) CULOS J (j-box mount retrofs) 5 (Screw-m base restrofis (1/20V only)) Example: CH40SNHEM 1277V dimming applications require Z10V option. Job Information Type: Job Name: Cat. No. | | | | | maic low voltage dimmin | 120V onb |
| \$ (Screw-in base response (120V only) 2 (277V)* Z10V (0.10V dimening) Exemple: C4L03N1EM *2277V dimening applications require Z10V option. Job Information Type: Job Name: Cat. No.: | CACOS | | 2 (277V)* | EM (Emergen | icy) | y. 1201 ci.iy |
| *277V dimming applications require Z10V option. Job Information Type: Job Name: Cat. No.: | | J (J-box mount retrofit) S (Screw-in base retrofit (120V only) | | Blank (Electr Z10V (0-10V | onic low voltage dimening dimming) | g) |
| | | ns require Z10V option. | Jab Name: Cat. No.: | mation Ty | pe: | |



CITY FILE #99-007.4

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COFYEIGHT 2013 - FUSCO, SHAFTER & PAFFAS, III





O8.14.19 Site Plan Approval
O6.28.13 Site Plan Approval
ISSUE



DRAWING TITLE

Site Lighting Fixture Cuts and Details

DRAWING NUMBER

E.902